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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	12/28/2012 12:00:49	10.51	44.94	28.94		8.02	17.3	3.872	
1	12/28/2012 12:15:50	9.92	41.31	26.34		7.97	11.5	3.812	
2	12/28/2012 12:30:50	10.13	41.94	26.79		7.99	15.1	3.707	
3	12/28/2012 12:45:50	9.88	40.72	25.92		7.97	12.9	3.645	
4	12/28/2012 13:00:50	9.90	40.78	25.96		7.97	11.7	3.527	
5	12/28/2012 13:15:50	9.85	40.87	26.02		7.97	9.5	3.407	
6	12/28/2012 13:30:50	9.87	40.93	26.07		7.98	10.1	3.296	
7	12/28/2012 13:45:50	9.80	40.35	25.66		7.97	10.5	3.170	
8	12/28/2012 14:00:50	9.83	40.89	26.04		7.97	10.1	3.083	
9	12/28/2012 14:15:50	9.78	40.44	25.72		7.97	12.1	2.931	
10	12/28/2012 14:30:50	9.76	40.12	25.49		7.97	11.2	2.796	
11	12/28/2012 14:45:50	9.65	39.93	25.35		7.96	12.8	2.643	
12	12/28/2012 15:00:50	9.59	39.75	25.23		7.95	14.5	2.552	
13	12/28/2012 15:15:50	9.54	39.05	24.74		7.94	14.2	2.407	
14	12/28/2012 15:30:50	9.48	39.08	24.76		7.94	12.9	2.283	
15	12/28/2012 15:45:50	9.43	38.72	24.50		7.95	12.8	2.129	
16	12/28/2012 16:00:50	9.31	38.46	24.32		7.94	12.9	2.007	
17	12/28/2012 16:15:50	9.22	38.00	23.99		7.93	13.7	1.863	
18	12/28/2012 16:30:50	9.23	38.06	24.03		7.92	13.8	1.737	
19	12/28/2012 16:45:50	9.13	37.67	23.76		7.91	14.9	1.621	
20	12/28/2012 17:00:50	9.08	37.55	23.67		7.90	15.3	1.530	
21	12/28/2012 17:15:50	9.03	37.12	23.37		7.90	13.2	1.428	
22	12/28/2012 17:30:50	9.00	37.10	23.35		7.90	12.0	1.409	
23	12/28/2012 17:45:50	8.98	37.13	23.38		7.90	11.7	1.368	
24	12/28/2012 18:00:50	8.98	37.00	23.29		7.89	11.4	1.403	
25	12/28/2012 18:15:50	9.00	37.02	23.30		7.90	11.8	1.412	
26	12/28/2012 18:30:50	9.07	37.34	23.53		7.90	12.3	1.383	
27	12/28/2012 18:45:50	9.08	37.42	23.58		7.90	11.4	1.457	
28	12/28/2012 19:00:50	9.04	37.37	23.55		7.90	11.5	1.528	
29	12/28/2012 19:15:50	9.08	36.99	23.28		7.89	11.0	1.562	
30	12/28/2012 19:30:50	9.11	36.97	23.27		7.89	11.2	1.702	
31	12/28/2012 19:45:50	9.15	36.86	23.20		7.89	12.1	1.770	
32	12/28/2012 20:00:50	9.18	36.96	23.27		7.89	11.3	1.826	
33	12/28/2012 20:15:50	9.21	37.37	23.55		7.90	11.4	1.915	
34	12/28/2012 20:30:50	9.28	37.24	23.47		7.90	12.0	2.025	
35	12/28/2012 20:45:50	9.36	37.67	23.77		7.91	12.0	2.077	
36	12/28/2012 21:00:50	9.44	38.12	24.09		7.92	13.2	2.205	
37	12/28/2012 21:15:50	9.55	38.73	24.52		7.93	14.7	2.306	
38	12/28/2012 21:30:50	9.58	39.02	24.71		7.94	16.6	2.408	
39	12/28/2012 21:45:50	9.55	39.23	24.87		7.94	19.5	2.470	
40	12/28/2012 22:00:50	9.61	39.46	25.03		7.94	24.0	2.572	
41	12/28/2012 22:15:50	9.64	39.42	25.00		7.95	25.3	2.697	
42	12/28/2012 22:30:50	9.66	39.61	25.13		7.95	23.3	2.778	
43	12/28/2012 22:45:50	9.70	40.01	25.41		7.96	30.7	2.858	
44	12/28/2012 23:00:50	9.72	40.07	25.46		7.96	34.4	2.952	
45	12/28/2012 23:15:50	9.76	40.25	25.59		7.97	40.5	3.058	
46	12/28/2012 23:30:50	9.83	40.78	25.96		7.98	41.1	3.117	
47	12/28/2012 23:45:50	9.90	41.86	26.73		7.99	37.5	3.201	
48	12/29/2012 0:00:50	9.94	42.13	26.91		8.00	33.5	3.265	
49	12/29/2012 0:15:50	10.01	42.64	27.28		8.00	32.2	3.312	
50	12/29/2012 0:30:50	10.05	43.05	27.57		8.01	24.5	3.408	
51	12/29/2012 0:45:50	10.09	43.28	27.74		8.01	25.0	3.426	
52	12/29/2012 1:00:50	10.11	43.33	27.77		8.02	14.1	3.470	
53	12/29/2012 1:15:50	10.12	43.54	27.92		8.02	14.6	3.448	
54	12/29/2012 1:30:50	10.11	43.41	27.83		8.01	15.3	3.397	
55	12/29/2012 1:45:50	10.12	43.57	27.94		8.02	16.1	3.401	

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
56	12/29/2012 2:00:50	10.00	42.84	27.42		8.00	16.3	3.368	
57	12/29/2012 2:15:50	9.87	41.85	26.72		7.99	18.4	3.262	
58	12/29/2012 2:30:50	9.83	41.35	26.36		7.98	24.9	3.230	
59	12/29/2012 2:45:50	9.78	40.94	26.07		7.98	23.8	3.132	
60	12/29/2012 3:00:50	9.61	40.27	25.59		7.96	16.7	3.050	
61	12/29/2012 3:15:50	9.55	40.35	25.65		7.95	13.7	2.975	
62	12/29/2012 3:30:50	9.48	39.79	25.25		7.95	12.0	2.914	
63	12/29/2012 3:45:50	9.47	40.01	25.40		7.95	11.5	2.867	
64	12/29/2012 4:00:50	9.36	39.50	25.04		7.94	11.9	2.771	
65	12/29/2012 4:15:50	9.34	39.76	25.22		7.94	10.0	2.703	
66	12/29/2012 4:30:50	9.26	39.06	24.73		7.93	9.6	2.689	
67	12/29/2012 4:45:50	9.23	38.95	24.65		7.93	10.1	2.646	
68	12/29/2012 5:00:50	9.23	38.81	24.56		7.93	10.5	2.621	
69	12/29/2012 5:15:50	9.14	38.63	24.43		7.92	10.6	2.566	
70	12/29/2012 5:30:50	9.21	38.53	24.36		7.92	10.4	2.541	
71	12/29/2012 5:45:50	9.30	39.29	24.89		7.93	8.9	2.529	
72	12/29/2012 6:00:50	9.15	38.47	24.32		7.92	9.3	2.528	
73	12/29/2012 6:15:50	9.22	39.07	24.74		7.92	10.9	2.546	
74	12/29/2012 6:30:50	9.30	38.83	24.57		7.93	10.9	2.579	
75	12/29/2012 6:45:50	9.34	39.02	24.70		7.93	11.3	2.599	
76	12/29/2012 7:00:50	9.40	39.38	24.96		7.94	12.5	2.635	
77	12/29/2012 7:15:50	9.21	38.74	24.50		7.93	15.5	2.708	
78	12/29/2012 7:30:50	9.37	39.36	24.94		7.93	15.9	2.753	
79	12/29/2012 7:45:50	9.51	39.85	25.30		7.95	14.3	2.823	
80	12/29/2012 8:00:50	9.55	40.05	25.43		7.96	14.0	2.910	
81	12/29/2012 8:15:50	9.58	40.35	25.64		7.96	15.4	2.962	
82	12/29/2012 8:30:50	9.53	40.29	25.60		7.96	13.9	3.027	
83	12/29/2012 8:45:50	9.53	40.68	25.88		7.97	13.8	3.138	
84	12/29/2012 9:00:50	9.37	40.36	25.64		7.96	13.1	3.184	
85	12/29/2012 9:15:50	9.49	40.73	25.91		7.97	11.4	3.279	
86	12/29/2012 9:30:50	9.64	41.23	26.26		7.98	12.0	3.359	
87	12/29/2012 9:45:50	9.76	41.62	26.55		7.99	12.7	3.444	
88	12/29/2012 10:00:50	10.01	43.03	27.55		8.02	18.7	3.522	
89	12/29/2012 10:15:50	10.06	43.06	27.58		8.02	17.5	3.602	
90	12/29/2012 10:30:50	10.08	43.38	27.81		8.02	21.7	3.676	
91	12/29/2012 10:45:50	10.08	43.32	27.77		8.03	21.5	3.754	
92	12/29/2012 11:00:50	10.09	43.59	27.96		8.03	18.1	3.797	
93	12/29/2012 11:15:50	10.11	43.74	28.07		8.04	17.4	3.831	
94	12/29/2012 11:30:50	10.12	43.81	28.11		8.04	16.4	3.874	
95	12/29/2012 11:45:50	10.12	43.82	28.12		8.04	11.4	3.888	
96	12/29/2012 12:00:50	10.11	43.66	28.01		8.04	12.7	3.883	
97	12/29/2012 12:15:50	10.11	43.88	28.16		8.04	13.7	3.876	
98	12/29/2012 12:30:50	10.11	43.80	28.10		8.04	15.3	3.801	
99	12/29/2012 12:45:50	10.09	43.54	27.92		8.03	16.4	3.760	
100	12/29/2012 13:00:50	9.94	41.14	26.22		7.98	14.0	3.715	
101	12/29/2012 13:15:50	10.00	41.64	26.58		7.99	11.9	3.597	
102	12/29/2012 13:30:50	10.02	41.92	26.78		8.00	16.9	3.497	
103	12/29/2012 13:45:50	10.04	41.64	26.58		7.99	13.4	3.379	
104	12/29/2012 14:00:50	10.03	41.41	26.42		7.99	11.7	3.272	
105	12/29/2012 14:15:50	9.99	41.06	26.17		7.98	14.5	3.177	
106	12/29/2012 14:30:50	9.96	41.13	26.21		7.98	13.0	3.059	
107	12/29/2012 14:45:50	9.90	40.75	25.94		7.97	14.6	2.937	
108	12/29/2012 15:00:50	9.89	40.65	25.87		7.98	14.3	2.824	
109	12/29/2012 15:15:50	9.87	40.48	25.76		7.98	16.2	2.691	
110	12/29/2012 15:30:50	9.97	40.85	26.02		8.02	14.6	2.570	
111	12/29/2012 15:45:50	9.70	39.73	25.22		7.99	17.1	2.414	

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
112	12/29/2012 16:00:50	9.56	39.45	25.02		7.96	24.7	2.297	
113	12/29/2012 16:15:50	9.42	38.95	24.66		7.96	30.5	2.170	
114	12/29/2012 16:30:50	9.37	38.88	24.61		7.95	33.8	2.028	
115	12/29/2012 16:45:50	9.33	38.80	24.55		7.96	35.8	1.911	
116	12/29/2012 17:00:50	9.25	38.41	24.27		7.95	40.5	1.792	
117	12/29/2012 17:15:50	9.15	38.18	24.11		7.94	39.6	1.658	
118	12/29/2012 17:30:50	9.05	38.01	23.99		7.92	46.4	1.552	
119	12/29/2012 17:45:50	8.98	37.58	23.68		7.91	38.0	1.485	
120	12/29/2012 18:00:50	8.91	37.42	23.57		7.90	37.6	1.384	
121	12/29/2012 18:15:50	8.87	37.45	23.59		7.90	31.7	1.315	
122	12/29/2012 18:30:50	8.85	37.47	23.61		7.90	27.8	1.306	
123	12/29/2012 18:45:50	9.02	37.65	23.74		7.91	26.5	1.321	
124	12/29/2012 19:00:50	8.97	37.80	23.84		7.91	30.2	1.338	
125	12/29/2012 19:15:50	8.97	37.79	23.83		7.91	28.3	1.402	
126	12/29/2012 19:30:50	8.97	37.76	23.81		7.91	22.3	1.469	
127	12/29/2012 19:45:50	8.90	36.65	23.04		7.90	19.7	1.544	
128	12/29/2012 20:00:50	8.93	36.98	23.27		7.90	19.7	1.629	
129	12/29/2012 20:15:50	9.04	37.17	23.41		7.90	19.2	1.700	
130	12/29/2012 20:30:50	9.08	37.18	23.41		7.90	19.3	1.812	
131	12/29/2012 20:45:50	9.11	37.48	23.63		7.91	18.9	1.888	
132	12/29/2012 21:00:50	9.20	37.43	23.59		7.91	19.8	1.989	
133	12/29/2012 21:15:50	9.31	38.21	24.14		7.92	19.3	2.064	
134	12/29/2012 21:30:50	9.38	38.45	24.31		7.93	21.1	2.157	
135	12/29/2012 21:45:50	9.47	39.13	24.79		7.94	20.4	2.256	
136	12/29/2012 22:00:50	9.52	39.28	24.90		7.94	26.9	2.385	
137	12/29/2012 22:15:50	9.54	39.65	25.15		7.94	26.1	2.465	
138	12/29/2012 22:30:50	9.56	39.78	25.25		7.95	29.5	2.562	
139	12/29/2012 22:45:50	9.59	39.94	25.36		7.95	29.4	2.664	
140	12/29/2012 23:00:50	9.58	39.86	25.30		7.95	27.7	2.749	
141	12/29/2012 23:15:50	9.59	40.00	25.40		7.96	35.2	2.838	
142	12/29/2012 23:30:50	9.64	40.29	25.61		7.97	37.3	2.930	
143	12/29/2012 23:45:50	9.63	40.47	25.73		7.97	27.2	3.007	
144	12/30/2012 0:00:50	9.73	40.98	26.10		7.98	27.3	3.085	
145	12/30/2012 0:15:50	9.82	41.58	26.52		8.00	30.8	3.158	
146	12/30/2012 0:30:50	9.85	42.02	26.83		8.01	27.2	3.243	
147	12/30/2012 0:45:50	9.87	42.24	26.99		8.01	22.0	3.295	
148	12/30/2012 1:00:50	9.91	42.54	27.20		8.01	20.3	3.351	
149	12/30/2012 1:15:50	9.96	42.76	27.36		8.02	16.5	3.374	
150	12/30/2012 1:30:50	9.97	42.81	27.40		8.02	13.8	3.423	
151	12/30/2012 1:45:50	9.97	42.85	27.43		8.02	17.4	3.420	
152	12/30/2012 2:00:50	10.02	43.00	27.54		8.02	17.3	3.413	
153	12/30/2012 2:15:50	9.96	42.61	27.26		8.01	16.1	3.395	
154	12/30/2012 2:30:50	9.42	40.91	26.03		7.97	17.7	3.325	
155	12/30/2012 2:45:50	9.47	41.09	26.16		7.97	16.7	3.253	
156	12/30/2012 3:00:50	9.53	40.88	26.02		7.98	21.9	3.194	
157	12/30/2012 3:15:50	9.36	40.59	25.80		7.96	16.3	3.117	
158	12/30/2012 3:30:50	9.41	40.57	25.80		7.96	15.7	3.039	
159	12/30/2012 3:45:50	9.43	40.65	25.85		7.96	13.8	2.968	
160	12/30/2012 4:00:50	9.40	40.63	25.83		7.96	12.9	2.894	
161	12/30/2012 4:15:50	9.28	40.30	25.60		7.96	11.7	2.817	
162	12/30/2012 4:30:50	9.30	40.14	25.49		7.96	13.9	2.752	
163	12/30/2012 4:45:50	9.15	39.38	24.94		7.94	11.8	2.700	
164	12/30/2012 5:00:50	9.05	39.39	24.95		7.93	10.4	2.647	
165	12/30/2012 5:15:50	9.04	39.54	25.05		7.94	10.4	2.583	
166	12/30/2012 5:30:50	8.96	39.31	24.89		7.93	9.9	2.537	
167	12/30/2012 5:45:50	8.94	39.39	24.94		7.93	10.2	2.518	

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
168	12/30/2012 6:00:50	8.93	39.10	24.74		7.93	9.8	2.491	
169	12/30/2012 6:15:50	8.91	39.00	24.67		7.92	9.9	2.447	
170	12/30/2012 6:30:50	8.92	38.87	24.58		7.93	9.3	2.437	
171	12/30/2012 6:45:50	9.03	39.40	24.95		7.93	10.3	2.455	
172	12/30/2012 7:00:50	8.72	38.96	24.63		7.92	10.9	2.464	
173	12/30/2012 7:15:50	8.93	39.17	24.79		7.92	10.5	2.494	
174	12/30/2012 7:30:50	9.14	39.43	24.98		7.94	10.8	2.541	
175	12/30/2012 7:45:50	9.02	39.54	25.05		7.93	13.1	2.593	
176	12/30/2012 8:00:50	9.11	39.50	25.03		7.93	13.4	2.641	
177	12/30/2012 8:15:50	9.17	39.65	25.14		7.94	14.3	2.719	
178	12/30/2012 8:30:50	9.31	40.28	25.59		7.96	13.2	2.790	
179	12/30/2012 8:45:50	9.23	40.02	25.40		7.95	13.3	2.872	
180	12/30/2012 9:00:50	9.32	40.59	25.80		7.96	12.9	2.945	
181	12/30/2012 9:15:50	9.27	40.67	25.85		7.96	13.1	3.011	
182	12/30/2012 9:30:50	9.28	40.75	25.91		7.97	12.3	3.094	
183	12/30/2012 9:45:50	9.36	41.08	26.15		7.97	11.9	3.165	
184	12/30/2012 10:00:50	9.46	41.43	26.40		7.98	11.1	3.244	
185	12/30/2012 10:15:50	9.62	41.89	26.73		7.99	10.9	3.323	
186	12/30/2012 10:30:50	9.78	42.60	27.24		8.00	12.1	3.398	
187	12/30/2012 10:45:50	9.92	43.28	27.73		8.01	11.9	3.459	
188	12/30/2012 11:00:50	10.06	43.93	28.20		8.02	14.4	3.534	
189	12/30/2012 11:15:50	10.20	44.60	28.68		8.03	15.6	3.602	
190	12/30/2012 11:30:50	10.20	44.70	28.75		8.04	15.5	3.648	
191	12/30/2012 11:45:50	10.19	44.73	28.77		8.04	14.2	3.709	
192	12/30/2012 12:00:50	10.19	44.78	28.81		8.04	12.3	3.756	
193	12/30/2012 12:15:50	10.18	44.66	28.72		8.04	12.3	3.785	
194	12/30/2012 12:30:50	10.18	44.84	28.85		8.04	11.2	3.810	
195	12/30/2012 12:45:50	10.18	44.76	28.79		8.04	12.0	3.800	
196	12/30/2012 13:00:50	10.17	44.85	28.86		8.04	13.1	3.781	
197	12/30/2012 13:15:50	10.17	44.86	28.86		8.04	14.0	3.740	
198	12/30/2012 13:30:50	10.19	44.54	28.64		8.03	15.1	3.678	
199	12/30/2012 13:45:50	9.95	42.37	27.09		8.00	12.4	3.605	
200	12/30/2012 14:00:50	9.97	42.49	27.18		8.00	13.7	3.487	
201	12/30/2012 14:15:50	9.96	42.31	27.05		8.00	12.9	3.389	
202	12/30/2012 14:30:50	9.93	41.81	26.69		8.00	11.9	3.285	
203	12/30/2012 14:45:50	9.93	41.98	26.81		7.99	12.0	3.145	
204	12/30/2012 15:00:50	9.95	41.74	26.64		7.99	11.4	3.041	
205	12/30/2012 15:15:50	9.88	41.37	26.38		7.99	10.6	2.932	
206	12/30/2012 15:30:50	9.83	41.20	26.26		7.98	11.5	2.807	
207	12/30/2012 15:45:50	9.83	40.84	26.00		7.99	9.9	2.697	
208	12/30/2012 16:00:50	9.74	40.92	26.05		7.98	11.2	2.570	
209	12/30/2012 16:15:50	9.53	39.86	25.30		7.97	11.8	2.439	
210	12/30/2012 16:30:50	9.43	39.60	25.12		7.98	12.2	2.310	
211	12/30/2012 16:45:50	9.29	39.19	24.82		7.96	13.0	2.183	
212	12/30/2012 17:00:50	9.17	38.99	24.68		7.96	13.2	2.041	
213	12/30/2012 17:15:50	9.14	39.02	24.69		7.96	13.3	1.910	
214	12/30/2012 17:30:50	9.06	38.85	24.57		7.95	14.3	1.787	
215	12/30/2012 17:45:50	9.00	38.63	24.42		7.94	16.4	1.668	
216	12/30/2012 18:00:50	8.91	38.41	24.26		7.93	15.5	1.555	
217	12/30/2012 18:15:50	8.80	38.09	24.03		7.92	14.3	1.456	
218	12/30/2012 18:30:50	8.75	38.03	23.99		7.92	14.4	1.393	
219	12/30/2012 18:45:50	8.72	38.00	23.96		7.91	12.9	1.340	
220	12/30/2012 19:00:50	8.65	37.90	23.89		7.91	14.2	1.324	
221	12/30/2012 19:15:50	8.70	38.02	23.98		7.91	11.3	1.307	
222	12/30/2012 19:30:50	8.76	38.04	24.00		7.92	12.9	1.354	
223	12/30/2012 19:45:50	8.80	38.15	24.08		7.92	11.2	1.396	

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
224	12/30/2012 20:00:50	8.83	38.32	24.19		7.92	11.0	1.460	
225	12/30/2012 20:15:50	8.75	37.73	23.78		7.91	9.9	1.533	
226	12/30/2012 20:30:50	8.82	37.62	23.71		7.91	10.6	1.603	
227	12/30/2012 20:45:50	8.89	37.78	23.82		7.91	11.4	1.713	
228	12/30/2012 21:00:50	8.90	37.46	23.60		7.91	11.7	1.783	
229	12/30/2012 21:15:50	8.97	37.93	23.93		7.92	10.6	1.853	
230	12/30/2012 21:30:50	9.03	38.07	24.03		7.92	11.1	1.964	
231	12/30/2012 21:45:50	9.06	38.00	23.99		7.92	11.1	2.052	
232	12/30/2012 22:00:50	9.24	39.01	24.69		7.93	12.1	2.157	
233	12/30/2012 22:15:50	9.31	39.19	24.82		7.94	12.3	2.254	
234	12/30/2012 22:30:50	9.42	39.84	25.28		7.94	14.1	2.365	
235	12/30/2012 22:45:50	9.42	39.85	25.29		7.95	14.3	2.466	
236	12/30/2012 23:00:50	9.46	40.26	25.58		7.95	17.2	2.557	
237	12/30/2012 23:15:50	9.49	40.46	25.72		7.95	16.8	2.657	
238	12/30/2012 23:30:50	9.48	40.49	25.74		7.96	16.6	2.744	
239	12/30/2012 23:45:50	9.47	40.52	25.76		7.96	20.2	2.838	
240	12/31/2012 0:00:50	9.49	40.94	26.05		7.96	23.6	2.915	
241	12/31/2012 0:15:50	9.52	41.13	26.19		7.97	21.5	3.001	
242	12/31/2012 0:30:50	9.60	41.39	26.38		7.98	20.0	3.080	
243	12/31/2012 0:45:50	9.71	42.19	26.95		8.00	23.9	3.160	
244	12/31/2012 1:00:50	9.80	42.90	27.45		8.01	24.4	3.237	
245	12/31/2012 1:15:50	9.84	43.00	27.52		8.01	19.5	3.306	
246	12/31/2012 1:30:50	9.86	43.24	27.69		8.01	18.6	3.356	
247	12/31/2012 1:45:50	9.91	43.52	27.90		8.02	16.5	3.416	
248	12/31/2012 2:00:50	9.94	43.59	27.95		8.02	14.8	3.433	
249	12/31/2012 2:15:50	9.95	43.82	28.11		8.02	11.0	3.456	
250	12/31/2012 2:30:50	9.98	43.98	28.23		8.02	13.6	3.466	
251	12/31/2012 2:45:50	9.95	43.76	28.07		8.02	14.5	3.420	
252	12/31/2012 3:00:50	9.91	43.59	27.95		8.02	15.6	3.386	
253	12/31/2012 3:15:50	9.81	43.14	27.62		8.00	14.7	3.326	
254	12/31/2012 3:30:50	9.54	41.92	26.75		7.98	16.4	3.247	
255	12/31/2012 3:45:50	9.48	41.92	26.74		7.98	24.4	3.166	
256	12/31/2012 4:00:50	9.29	41.00	26.09		7.97	16.0	3.094	
257	12/31/2012 4:15:50	9.33	41.42	26.38		7.97	12.2	3.010	
258	12/31/2012 4:30:50	9.28	41.41	26.37		7.97	12.7	2.914	
259	12/31/2012 4:45:50	9.15	41.01	26.09		7.97	11.0	2.851	
260	12/31/2012 5:00:50	9.06	40.45	25.69		7.95	12.9	2.779	
261	12/31/2012 5:15:50	9.02	40.76	25.91		7.96	11.7	2.716	
262	12/31/2012 5:30:50	8.81	40.50	25.71		7.95	10.6	2.661	
263	12/31/2012 5:45:50	8.72	40.00	25.35		7.94	10.3	2.598	
264	12/31/2012 6:00:50	8.67	39.95	25.32		7.94	10.2	2.543	
265	12/31/2012 6:15:50	8.61	39.97	25.33		7.93	9.4	2.507	
266	12/31/2012 6:30:50	8.56	39.62	25.08		7.93	9.2	2.435	
267	12/31/2012 6:45:50	8.69	39.34	24.89		7.93	9.0	2.437	
268	12/31/2012 7:00:50	8.71	39.26	24.84		7.93	8.9	2.407	
269	12/31/2012 7:15:50	8.71	39.56	25.05		7.93	9.0	2.383	
270	12/31/2012 7:30:50	8.76	39.74	25.17		7.93	10.2	2.396	
271	12/31/2012 7:45:50	8.80	39.94	25.31		7.93	9.9	2.422	
272	12/31/2012 8:00:50	8.78	39.78	25.20		7.93	9.7	2.481	
273	12/31/2012 8:15:50	8.89	39.94	25.32		7.94	10.6	2.531	
274	12/31/2012 8:30:50	8.42	39.33	24.87		7.92	9.4	2.566	
275	12/31/2012 8:45:50	8.88	40.14	25.46		7.94	11.2	2.625	
276	12/31/2012 9:00:50	8.97	40.31	25.59		7.95	11.4	2.700	
277	12/31/2012 9:15:50	9.01	40.53	25.74		7.95	13.9	2.791	
278	12/31/2012 9:30:50	8.96	40.67	25.84		7.95	11.4	2.859	
279	12/31/2012 9:45:50	9.10	41.24	26.24		7.96	11.2	2.936	

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
280	12/31/2012 10:00:50	9.20	41.62	26.52		7.97	11.5	3.027	
281	12/31/2012 10:15:50	9.19	41.49	26.42		7.97	10.8	3.088	
282	12/31/2012 10:30:50	9.20	41.76	26.62		7.97	11.0	3.141	
283	12/31/2012 10:45:50	9.30	42.09	26.85		7.98	9.9	3.244	
284	12/31/2012 11:00:50	9.43	42.44	27.10		7.99	9.9	3.348	
285	12/31/2012 11:15:50	9.56	43.10	27.58		8.00	10.7	3.381	
286	12/31/2012 11:30:50	9.69	43.56	27.91		8.00	11.2	3.436	
287	12/31/2012 11:45:50	9.96	44.81	28.81		8.02	12.5	3.516	
288	12/31/2012 12:00:50	10.03	45.04	28.98		8.02	14.0	3.564	
289	12/31/2012 12:15:50	10.02	44.94	28.91		8.02	12.0	3.622	
290	12/31/2012 12:30:50	10.01	45.46	29.28		8.02	12.3	3.664	
291	12/31/2012 12:45:50	10.01	45.34	29.19		8.02	11.1	3.681	
292	12/31/2012 13:00:50	9.99	45.04	28.98		8.02	10.4	3.718	
293	12/31/2012 13:15:50	10.00	45.46	29.28		8.02	10.1	3.710	
294	12/31/2012 13:30:50	9.99	45.36	29.21		8.02	11.7	3.703	
295	12/31/2012 13:45:50	10.00	45.28	29.16		8.02	11.9	3.662	
296	12/31/2012 14:00:50	10.00	45.22	29.11		8.02	13.7	3.608	
297	12/31/2012 14:15:50	9.80	43.78	28.08		8.00	12.1	3.546	
298	12/31/2012 14:30:50	9.71	43.09	27.58		7.99	11.8	3.439	
299	12/31/2012 14:45:50	9.73	43.60	27.94		7.99	12.7	3.363	
300	12/31/2012 15:00:51	9.65	42.69	27.29		7.99	10.7	3.246	
301	12/31/2012 15:15:50	9.62	42.54	27.19		7.99	10.1	3.137	
302	12/31/2012 15:30:50	9.54	42.17	26.92		7.99	9.9	3.032	
303	12/31/2012 15:45:50	9.55	42.39	27.08		7.99	9.1	2.944	
304	12/31/2012 16:00:50	9.48	42.00	26.80		7.98	9.0	2.817	
305	12/31/2012 16:15:50	9.38	41.58	26.50		7.98	9.6	2.706	
306	12/31/2012 16:30:50	9.21	40.92	26.03		7.97	10.0	2.591	
307	12/31/2012 16:45:50	9.16	40.75	25.90		7.97	10.1	2.497	
308	12/31/2012 17:00:50	9.02	40.14	25.47		7.96	10.4	2.367	
309	12/31/2012 17:15:50	9.03	40.48	25.71		7.98	10.4	2.228	
310	12/31/2012 17:30:50	8.80	39.96	25.33		7.96	10.7	2.124	
311	12/31/2012 17:45:50	8.77	39.75	25.18		7.96	11.5	1.986	
312	12/31/2012 18:00:50	8.68	39.45	24.97		7.95	12.9	1.839	
313	12/31/2012 18:15:50	8.60	39.30	24.86		7.94	13.2	1.737	
314	12/31/2012 18:30:50	8.50	39.08	24.70		7.94	13.6	1.661	
315	12/31/2012 18:45:50	8.40	38.87	24.55		7.93	12.3	1.564	
316	12/31/2012 19:00:51	8.35	38.79	24.49		7.92	11.8	1.488	
317	12/31/2012 19:15:51	8.30	38.68	24.41		7.92	10.5	1.413	
318	12/31/2012 19:30:51	8.26	38.68	24.41		7.92	9.9	1.402	
319	12/31/2012 19:45:50	8.29	38.58	24.34		7.92	9.5	1.376	
320	12/31/2012 20:00:50	8.38	38.73	24.45		7.93	9.9	1.399	
321	12/31/2012 20:15:50	8.43	38.85	24.54		7.93	10.6	1.476	
322	12/31/2012 20:30:50	8.45	38.90	24.57		7.93	10.7	1.535	
323	12/31/2012 20:45:50	8.44	38.96	24.62		7.93	9.6	1.613	
324	12/31/2012 21:00:50	8.41	38.57	24.34		7.92	9.9	1.708	
325	12/31/2012 21:15:50	8.42	38.27	24.13		7.91	9.6	1.765	
326	12/31/2012 21:30:50	8.48	38.49	24.29		7.91	9.5	1.853	
327	12/31/2012 21:45:50	8.57	38.81	24.52		7.92	9.4	1.951	
328	12/31/2012 22:00:50	8.68	39.16	24.76		7.93	10.4	2.022	
329	12/31/2012 22:15:50	8.71	39.25	24.83		7.93	10.6	2.130	
330	12/31/2012 22:30:50	8.83	39.48	25.00		7.93	11.0	2.219	
331	12/31/2012 22:45:50	8.89	39.98	25.35		7.94	11.4	2.291	
332	12/31/2012 23:00:50	9.06	40.52	25.74		7.95	12.1	2.397	
333	12/31/2012 23:15:50	9.06	40.79	25.93		7.95	12.4	2.499	
334	12/31/2012 23:30:50	9.11	40.96	26.05		7.95	14.7	2.586	
335	12/31/2012 23:45:50	9.14	41.06	26.12		7.95	15.0	2.679	

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
336	1/1/2013 0:00:50	9.15	41.21	26.22		7.96	16.4	2.776	
337	1/1/2013 0:15:50	9.19	41.63	26.53		7.96	19.9	2.859	
338	1/1/2013 0:30:50	9.24	41.93	26.74		7.97	18.1	2.931	
339	1/1/2013 0:45:50	9.30	42.12	26.87		7.97	19.0	3.032	
340	1/1/2013 1:00:50	9.40	42.57	27.20		7.98	22.8	3.116	
341	1/1/2013 1:15:50	9.51	43.43	27.81		7.99	25.6	3.192	
342	1/1/2013 1:30:50	9.58	44.01	28.22		8.00	23.1	3.281	
343	1/1/2013 1:45:50	9.64	44.45	28.54		8.01	21.7	3.377	
344	1/1/2013 2:00:50	9.70	44.65	28.69		8.01	19.0	3.400	
345	1/1/2013 2:15:50	9.75	45.00	28.94		8.01	15.9	3.445	
346	1/1/2013 2:30:50	9.80	45.29	29.15		8.02	16.7	3.510	
347	1/1/2013 2:45:50	9.81	45.34	29.18		8.02	12.8	3.508	
348	1/1/2013 3:00:50	9.79	45.53	29.32		8.01	13.9	3.501	
349	1/1/2013 3:15:50	9.82	45.57	29.35		8.01	14.6	3.488	
350	1/1/2013 3:30:50	9.52	44.19	28.35		8.01	12.9	3.454	
351	1/1/2013 3:45:51	9.36	43.64	27.95		7.98	13.2	3.385	
352	1/1/2013 4:00:50	9.41	43.92	28.15		8.00	15.4	3.308	
353	1/1/2013 4:15:50	9.25	43.19	27.62		7.98	16.9	3.255	
354	1/1/2013 4:30:50	9.21	42.78	27.33		7.98	16.4	3.190	
355	1/1/2013 4:45:50	9.12	42.44	27.09		7.97	14.5	3.115	
356	1/1/2013 5:00:50	9.04	42.27	26.97		7.97	11.8	3.021	
357	1/1/2013 5:15:50	8.96	42.25	26.95		7.97	10.7	2.963	
358	1/1/2013 5:30:50	8.86	41.97	26.74		7.96	10.3	2.884	
359	1/1/2013 5:45:50	8.82	42.09	26.82		7.96	10.3	2.809	
360	1/1/2013 6:00:50	8.66	41.29	26.25		7.95	10.9	2.713	
361	1/1/2013 6:15:50	8.50	41.09	26.11		7.95	8.7	2.670	
362	1/1/2013 6:30:51	8.40	41.18	26.16		7.94	8.8	2.626	
363	1/1/2013 6:45:50	8.32	40.52	25.70		7.93	8.7	2.558	
364	1/1/2013 7:00:50	8.26	40.33	25.56		7.93	8.3	2.504	
365	1/1/2013 7:15:50	8.20	40.24	25.49		7.93	8.2	2.451	
366	1/1/2013 7:30:50	8.21	40.03	25.34		7.93	8.1	2.414	
367	1/1/2013 7:45:50	8.23	40.04	25.35		7.93	8.6	2.369	
368	1/1/2013 8:00:50	8.22	39.97	25.30		7.92	8.0	2.352	
369	1/1/2013 8:15:50	8.29	40.51	25.68		7.93	8.4	2.392	
370	1/1/2013 8:30:51	7.86	39.73	25.11		7.91	7.9	2.380	
371	1/1/2013 8:45:50	8.47	40.57	25.74		7.93	8.9	2.459	
372	1/1/2013 9:00:50	8.54	40.60	25.76		7.94	9.9	2.474	
373	1/1/2013 9:15:50	8.18	40.21	25.47		7.93	9.7	2.528	
374	1/1/2013 9:30:50	8.65	41.13	26.14		7.94	10.6	2.590	
375	1/1/2013 9:45:50	8.67	41.28	26.25		7.95	10.7	2.680	
376	1/1/2013 10:00:50	8.90	41.80	26.63		7.96	10.5	2.746	
377	1/1/2013 10:15:50	8.76	41.67	26.53		7.96	10.6	2.817	
378	1/1/2013 10:30:50	8.89	42.17	26.88		7.96	10.7	2.888	
379	1/1/2013 10:45:51	8.89	42.28	26.96		7.96	10.7	2.961	
380	1/1/2013 11:00:50	8.99	42.06	26.82		7.97	9.6	3.018	
381	1/1/2013 11:15:50	9.03	41.86	26.68		7.97	9.8	3.080	
382	1/1/2013 11:30:50	9.14	42.38	27.05		7.97	9.1	3.146	
383	1/1/2013 11:45:50	9.25	42.80	27.35		7.98	8.7	3.227	
384	1/1/2013 12:00:50	9.35	43.34	27.74		7.98	9.0	3.282	
385	1/1/2013 12:15:50	9.52	44.39	28.49		7.99	10.2	3.338	
386	1/1/2013 12:30:50	9.60	44.70	28.71		8.00	10.2	3.404	
387	1/1/2013 12:45:50	9.66	45.19	29.07		8.00	11.0	3.473	
388	1/1/2013 13:00:50	9.69	45.07	28.98		8.00	9.3	3.501	
389	1/1/2013 13:15:50	9.70	45.58	29.35		8.00	9.9	3.540	
390	1/1/2013 13:30:51	9.70	45.67	29.41		8.00	8.7	3.578	
391	1/1/2013 13:45:50	9.70	45.56	29.33		8.00	8.4	3.595	

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
392	1/1/2013 14:00:50	9.70	45.32	29.16		8.00	8.4	3.601	
393	1/1/2013 14:15:50	9.70	45.67	29.41		8.00	9.5	3.577	
394	1/1/2013 14:30:51	9.69	45.56	29.33		8.00	9.8	3.549	
395	1/1/2013 14:45:51	9.66	45.35	29.18		8.00	10.3	3.511	
396	1/1/2013 15:00:51	9.63	45.06	28.98		7.99	10.3	3.436	
397	1/1/2013 15:15:50	9.54	43.45	27.82		7.99	10.7	3.345	
398	1/1/2013 15:30:50	9.49	43.70	28.00		7.99	11.2	3.250	
399	1/1/2013 15:45:50	9.49	43.08	27.56		7.99	9.8	3.155	
400	1/1/2013 16:00:50	9.39	42.74	27.31		7.99	8.8	3.069	
401	1/1/2013 16:15:50	9.34	42.73	27.31		7.99	9.2	2.947	
402	1/1/2013 16:30:50	9.30	42.57	27.19		7.99	10.4	2.855	
403	1/1/2013 16:45:50	9.19	42.12	26.87		7.99	9.0	2.766	
404	1/1/2013 17:00:50	9.19	42.05	26.82		7.99	9.5	2.661	
405	1/1/2013 17:15:50	9.14	42.13	26.87		7.99	8.4	2.570	
406	1/1/2013 17:30:50	8.95	41.11	26.15		7.99	9.2	2.463	
407	1/1/2013 17:45:50	8.88	41.33	26.30		7.99	9.3	2.319	
408	1/1/2013 18:00:51	8.72	41.04	26.08		7.99	9.6	2.214	
409	1/1/2013 18:15:50	8.53	40.17	25.46		7.99	10.3	2.112	
410	1/1/2013 18:30:50	8.44	39.96	25.31		7.99	9.9	1.981	
411	1/1/2013 18:45:50	8.42	40.04	25.36		7.98	10.1	1.874	
412	1/1/2013 19:00:51	8.37	40.07	25.38		7.98	11.6	1.770	
413	1/1/2013 19:15:50	8.33	39.68	25.11		7.98	10.9	1.712	
414	1/1/2013 19:30:50	8.27	39.50	24.98		7.98	10.1	1.624	
415	1/1/2013 19:45:50	8.24	39.41	24.91		7.97	10.3	1.563	
416	1/1/2013 20:00:50	8.19	39.36	24.88		7.97	8.7	1.549	
417	1/1/2013 20:15:50	8.22	39.46	24.95		7.97	8.3	1.529	
418	1/1/2013 20:30:50	8.36	39.70	25.13		7.98	9.0	1.560	
419	1/1/2013 20:45:51	8.30	39.80	25.19		7.97	9.3	1.581	
420	1/1/2013 21:00:50	8.34	39.77	25.17		7.98	8.9	1.647	
421	1/1/2013 21:15:51	8.36	39.88	25.25		7.98	8.6	1.696	
422	1/1/2013 21:30:50	8.24	39.29	24.83		7.96	8.6	1.756	
423	1/1/2013 21:45:51	8.29	39.30	24.84		7.95	8.9	1.845	
424	1/1/2013 22:00:50	8.38	39.40	24.92		7.95	8.9	1.911	
425	1/1/2013 22:15:51	8.43	39.69	25.12		7.96	9.0	2.001	
426	1/1/2013 22:30:50	8.52	39.71	25.14		7.96	9.6	2.077	
427	1/1/2013 22:45:50	8.58	39.67	25.12		7.95	9.8	2.164	
428	1/1/2013 23:00:50	8.73	40.62	25.79		7.96	10.1	2.264	
429	1/1/2013 23:15:51	8.84	41.05	26.10		7.96	11.6	2.345	
430	1/1/2013 23:30:50	8.92	41.38	26.33		7.96	11.5	2.441	
431	1/1/2013 23:45:50	8.95	41.39	26.34		7.96	11.7	2.531	
432	1/2/2013 0:00:50	8.98	41.72	26.58		7.96	12.0	2.624	
433	1/2/2013 0:15:50	9.10	42.25	26.96		7.97	13.6	2.717	
434	1/2/2013 0:30:50	9.06	42.15	26.88		7.97	15.4	2.793	
435	1/2/2013 0:45:50	9.11	42.41	27.06		7.98	15.7	2.894	
436	1/2/2013 1:00:50	9.19	42.54	27.17		7.98	17.5	2.969	
437	1/2/2013 1:15:50	9.18	42.66	27.25		7.98	17.0	3.057	
438	1/2/2013 1:30:50	9.19	42.99	27.48		7.98	16.6	3.144	
439	1/2/2013 1:45:50	9.29	43.74	28.02		7.99	17.9	3.216	
440	1/2/2013 2:00:50	9.42	44.46	28.53		8.01	18.4	3.298	
441	1/2/2013 2:15:50	9.45	44.86	28.82		8.01	17.6	3.364	
442	1/2/2013 2:30:50	9.50	45.00	28.93		8.02	15.7	3.432	
443	1/2/2013 2:45:50	9.58	45.37	29.19		8.02	15.6	3.483	
444	1/2/2013 3:00:50	9.62	45.70	29.43		8.02	13.6	3.531	
445	1/2/2013 3:15:50	9.64	45.55	29.32		8.02	13.0	3.557	
446	1/2/2013 3:30:50	9.66	46.11	29.73		8.02	9.3	3.566	
447	1/2/2013 3:45:51	9.69	46.10	29.72		8.02	11.5	3.555	

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
448	1/2/2013 4:00:51	9.60	45.90	29.57		8.01	11.5	3.523	
449	1/2/2013 4:15:51	9.35	44.90	28.85		8.00	11.5	3.482	
450	1/2/2013 4:30:50	9.30	44.73	28.72		8.00	11.4	3.409	
451	1/2/2013 4:45:50	9.18	44.23	28.36		8.00	13.3	3.334	
452	1/2/2013 5:00:50	9.10	43.64	27.94		7.99	14.2	3.268	
453	1/2/2013 5:15:50	9.03	43.43	27.78		7.99	12.3	3.182	
454	1/2/2013 5:30:50	8.97	43.01	27.48		7.98	9.8	3.093	
455	1/2/2013 5:45:50	8.93	43.10	27.54		7.98	9.5	3.007	
456	1/2/2013 6:00:51	8.80	43.15	27.57		7.98	9.5	2.933	
457	1/2/2013 6:15:51	8.74	43.18	27.59		7.98	8.7	2.856	
458	1/2/2013 6:30:50	8.69	42.89	27.38		7.98	9.5	2.781	
459	1/2/2013 6:45:50	8.53	42.24	26.91		7.97	8.8	2.695	
460	1/2/2013 7:00:50	8.42	41.78	26.58		7.96	7.9	2.636	
461	1/2/2013 7:15:50	8.28	41.80	26.59		7.96	7.4	2.578	
462	1/2/2013 7:30:51	8.17	41.50	26.37		7.95	7.6	2.515	
463	1/2/2013 7:45:50	8.05	41.52	26.37		7.95	7.7	2.456	
464	1/2/2013 8:00:50	7.97	40.91	25.94		7.95	7.6	2.418	
465	1/2/2013 8:15:50	8.00	40.83	25.89		7.95	8.3	2.379	
466	1/2/2013 8:30:50	7.92	40.37	25.56		7.95	8.2	2.348	
467	1/2/2013 8:45:50	8.11	41.19	26.14		7.95	8.2	2.337	
468	1/2/2013 9:00:51	7.84	40.85	25.89		7.94	7.3	2.349	
469	1/2/2013 9:15:51	7.65	40.48	25.62		7.94	6.8	2.378	
470	1/2/2013 9:30:50	8.00	40.92	25.95		7.95	7.5	2.377	
471	1/2/2013 9:45:50	8.25	41.18	26.15		7.95	8.4	2.438	
472	1/2/2013 10:00:51	8.17	41.26	26.20		7.95	8.1	2.491	
473	1/2/2013 10:15:51	8.01	40.85	25.91		7.95	8.1	2.547	
474	1/2/2013 10:30:50	8.57	41.81	26.62		7.96	9.0	2.609	
475	1/2/2013 10:45:50	8.65	42.25	26.93		7.97	9.0	2.670	
476	1/2/2013 11:00:50	8.68	42.34	26.99		7.97	9.5	2.737	
477	1/2/2013 11:15:50	8.62	42.30	26.96		7.97	9.1	2.812	
478	1/2/2013 11:30:50	8.71	42.39	27.03		7.97	9.2	2.863	
479	1/2/2013 11:45:50	8.80	42.76	27.29		7.97	9.3	2.935	
480	1/2/2013 12:00:50	8.94	42.73	27.28		7.98	8.3	2.991	
481	1/2/2013 12:15:50	8.98	42.85	27.37		7.98	8.9	3.043	
482	1/2/2013 12:30:50	9.06	42.94	27.44		7.98	7.8	3.101	
483	1/2/2013 12:45:50	9.15	43.38	27.75		7.99	8.1	3.165	
484	1/2/2013 13:00:50	9.26	43.94	28.15		7.99	7.9	3.229	
485	1/2/2013 13:15:50	9.34	44.46	28.53		7.99	8.5	3.278	
486	1/2/2013 13:30:51	9.39	44.75	28.74		7.99	8.1	3.326	
487	1/2/2013 13:45:51	9.45	44.77	28.76		7.99	7.7	3.368	
488	1/2/2013 14:00:51	9.50	45.54	29.31		8.00	8.9	3.393	
489	1/2/2013 14:15:50	9.53	45.59	29.34		8.00	7.9	3.430	
490	1/2/2013 14:30:50	9.53	45.38	29.20		8.00	7.6	3.438	
491	1/2/2013 14:45:50	9.52	45.59	29.34		8.00	8.5	3.448	
492	1/2/2013 15:00:50	9.51	45.54	29.31		8.00	8.7	3.441	
493	1/2/2013 15:15:50	9.50	45.42	29.22		8.00	9.0	3.399	
494	1/2/2013 15:30:50	9.39	45.06	28.96		8.00	8.9	3.356	
495	1/2/2013 15:45:50	9.34	43.81	28.07		7.99	8.4	3.298	
496	1/2/2013 16:00:50	9.31	44.10	28.27		7.99	8.7	3.230	
497	1/2/2013 16:15:50	9.30	43.67	27.97		7.99	9.6	3.151	
498	1/2/2013 16:30:50	9.22	42.97	27.47		7.99	8.8	3.061	
499	1/2/2013 16:45:51	9.16	42.96	27.46		7.99	8.1	3.002	
500	1/2/2013 17:00:50	9.10	42.78	27.33		7.99	8.1	2.881	
501	1/2/2013 17:15:50	9.02	42.64	27.22		7.99	8.5	2.787	
502	1/2/2013 17:30:50	8.93	42.34	27.01		7.99	9.7	2.701	
503	1/2/2013 17:45:50	8.84	41.83	26.64		7.99	9.6	2.621	

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
504	1/2/2013 18:00:50	8.85	42.14	26.86		7.99	7.4	2.505	
505	1/2/2013 18:15:51	8.71	41.71	26.55		7.99	8.1	2.395	
506	1/2/2013 18:30:50	8.58	41.05	26.08		8.00	8.3	2.311	
507	1/2/2013 18:45:50	8.46	41.25	26.21		8.00	7.9	2.212	
508	1/2/2013 19:00:50	8.35	40.85	25.93		8.00	8.2	2.108	
509	1/2/2013 19:15:50	8.28	40.74	25.85		8.00	8.1	2.007	
510	1/2/2013 19:30:50	8.19	40.58	25.72		8.01	8.3	1.925	
511	1/2/2013 19:45:50	8.14	40.51	25.67		8.01	8.4	1.842	
512	1/2/2013 20:00:51	8.12	40.41	25.60		8.01	8.5	1.775	
513	1/2/2013 20:15:51	8.09	40.35	25.56		8.01	8.6	1.712	
514	1/2/2013 20:30:51	8.11	40.24	25.48		8.01	8.5	1.688	
515	1/2/2013 20:45:51	8.03	40.29	25.51		8.01	7.5	1.673	
516	1/2/2013 21:00:51	8.34	40.55	25.72		8.00	7.9	1.678	
517	1/2/2013 21:15:50	8.15	40.52	25.68		8.00	8.0	1.701	
518	1/2/2013 21:30:50	8.24	40.60	25.74		8.00	8.5	1.733	
519	1/2/2013 21:45:50	8.25	40.67	25.79		8.00	8.4	1.784	
520	1/2/2013 22:00:50	8.26	40.66	25.79		7.99	8.2	1.847	
521	1/2/2013 22:15:50	8.23	40.31	25.54		7.98	8.3	1.907	
522	1/2/2013 22:30:50	8.22	40.09	25.39		7.97	7.6	1.990	
523	1/2/2013 22:45:50	8.24	40.08	25.38		7.97	7.7	2.070	
524	1/2/2013 23:00:50	8.32	40.35	25.58		7.98	7.9	2.152	
525	1/2/2013 23:15:50	8.44	40.73	25.85		7.97	8.1	2.231	
526	1/2/2013 23:30:50	8.59	41.01	26.05		7.97	8.7	2.309	
527	1/2/2013 23:45:50	8.74	41.74	26.58		7.97	9.7	2.398	
528	1/3/2013 0:00:50	8.79	42.05	26.79		7.97	9.9	2.485	
529	1/3/2013 0:15:51	8.85	42.26	26.95		7.97	10.7	2.565	
530	1/3/2013 0:30:51	8.85	42.33	27.00		7.97	10.1	2.660	
531	1/3/2013 0:45:50	8.91	42.43	27.07		7.97	11.2	2.735	
532	1/3/2013 1:00:50	9.00	42.99	27.47		7.98	13.1	2.829	
533	1/3/2013 1:15:50	9.03	43.01	27.48		7.98	13.6	2.901	
534	1/3/2013 1:30:50	9.09	43.43	27.79		7.98	13.9	2.991	
535	1/3/2013 1:45:51	9.13	43.86	28.09		7.98	13.4	3.079	
536	1/3/2013 2:00:50	9.13	43.70	27.98		7.98	15.2	3.165	
537	1/3/2013 2:15:50	9.20	44.14	28.29		7.99	15.9	3.255	
538	1/3/2013 2:30:50	9.31	45.09	28.98		8.00	15.4	3.338	
539	1/3/2013 2:45:50	9.42	45.53	29.29		8.01	15.6	3.409	
540	1/3/2013 3:00:50	9.49	45.96	29.60		8.01	15.1	3.478	
541	1/3/2013 3:15:50	9.50	45.98	29.62		8.01	12.1	3.534	
542	1/3/2013 3:30:50	9.53	46.09	29.70		8.02	11.0	3.590	
543	1/3/2013 3:45:50	9.56	46.19	29.78		8.02	10.5	3.619	
544	1/3/2013 4:00:50	9.58	46.47	29.97		8.02	9.1	3.626	
545	1/3/2013 4:15:50	9.63	46.56	30.04		8.02	10.4	3.627	
546	1/3/2013 4:30:50	9.59	46.41	29.94		8.02	10.3	3.618	
547	1/3/2013 4:45:50	9.48	45.81	29.50		8.00	9.9	3.562	
548	1/3/2013 5:00:51	8.97	44.58	28.59		7.98	9.5	3.518	
549	1/3/2013 5:15:50	8.95	44.10	28.25		7.98	10.4	3.439	
550	1/3/2013 5:30:51	8.98	44.46	28.51		7.98	9.5	3.357	
551	1/3/2013 5:45:51	9.08	44.34	28.43		7.98	11.9	3.276	
552	1/3/2013 6:00:51	9.01	44.34	28.43		7.98	8.2	3.195	
553	1/3/2013 6:15:50	8.99	43.82	28.05		7.98	8.4	3.102	
554	1/3/2013 6:30:51	8.93	43.89	28.10		7.98	8.3	3.016	
555	1/3/2013 6:45:51	9.03	44.27	28.38		7.98	8.6	2.957	
556	1/3/2013 7:00:51	8.77	43.16	27.57		7.97	8.5	2.865	
557	1/3/2013 7:15:51	8.84	43.52	27.83		7.97	7.6	2.788	
558	1/3/2013 7:30:51	8.77	43.24	27.63		7.97	7.6	2.706	
559	1/3/2013 7:45:51	8.48	42.05	26.77		7.96	7.3	2.633	

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
560	1/3/2013 8:00:51	8.38	41.72	26.54		7.96	7.6	2.558	
561	1/3/2013 8:15:50	8.40	41.73	26.54		7.96	10.4	2.518	
562	1/3/2013 8:30:50	8.32	41.75	26.55		7.96	14.3	2.444	
563	1/3/2013 8:45:50	8.25	41.52	26.39		7.96	14.5	2.395	
564	1/3/2013 9:00:50	8.22	41.30	26.23		7.96	13.8	2.360	
565	1/3/2013 9:15:50	8.15	41.27	26.20		7.96	11.7	2.316	
566	1/3/2013 9:30:51	8.18	41.28	26.21		7.96	11.1	2.303	
567	1/3/2013 9:45:50	8.21	41.27	26.21		7.96	10.6	2.287	
568	1/3/2013 10:00:50	8.10	40.98	26.00		7.96	10.1	2.302	
569	1/3/2013 10:15:50	8.21	41.34	26.26		7.96	11.4	2.308	
570	1/3/2013 10:30:51	8.44	41.89	26.66		7.96	10.9	2.342	
571	1/3/2013 10:45:51	8.39	41.81	26.60		7.96	9.3	2.381	
572	1/3/2013 11:00:51	8.20	41.29	26.22		7.95	9.2	2.436	
573	1/3/2013 11:15:51	8.26	41.43	26.33		7.95	8.4	2.486	
574	1/3/2013 11:30:51	8.57	42.15	26.85		7.96	8.4	2.552	
575	1/3/2013 11:45:50	8.52	42.15	26.85		7.96	8.4	2.602	
576	1/3/2013 12:00:50	8.64	42.70	27.25		7.97	8.2	2.658	
577	1/3/2013 12:15:51	8.60	42.61	27.18		7.96	8.1	2.722	
578	1/3/2013 12:30:50	8.69	42.53	27.12		7.97	7.8	2.770	
579	1/3/2013 12:45:50	8.76	42.78	27.31		7.97	7.4	2.832	
580	1/3/2013 13:00:51	8.87	43.15	27.58		7.97	7.1	2.876	
581	1/3/2013 13:15:50	8.94	43.17	27.59		7.98	7.1	2.948	
582	1/3/2013 13:30:50	9.01	43.23	27.64		7.98	7.0	2.992	
583	1/3/2013 13:45:51	9.06	43.70	27.98		7.98	7.1	3.040	
584	1/3/2013 14:00:50	9.13	43.73	28.00		7.98	6.8	3.106	
585	1/3/2013 14:15:51	9.18	44.27	28.38		7.98	7.2	3.152	
586	1/3/2013 14:30:50	9.19	43.97	28.18		7.99	7.0	3.209	
587	1/3/2013 14:45:50	9.24	44.48	28.54		7.99	7.1	3.248	
588	1/3/2013 15:00:50	9.27	44.52	28.57		7.99	7.0	3.284	
589	1/3/2013 15:15:50	9.27	44.66	28.67		7.99	6.8	3.318	
590	1/3/2013 15:30:50	9.26	44.63	28.65		7.99	7.3	3.317	
591	1/3/2013 15:45:50	9.27	44.94	28.87		7.99	6.9	3.311	
592	1/3/2013 16:00:50	9.25	44.63	28.64		7.99	7.1	3.292	
593	1/3/2013 16:15:50	9.21	43.53	27.86		7.99	8.2	3.268	
594	1/3/2013 16:30:50	9.15	43.63	27.93		7.98	7.7	3.229	
595	1/3/2013 16:45:50	9.16	43.84	28.08		7.98	7.9	3.160	
596	1/3/2013 17:00:50	9.07	43.33	27.71		7.98	8.9	3.086	
597	1/3/2013 17:15:50	9.00	43.52	27.84		7.98	11.4	3.020	
598	1/3/2013 17:30:50	8.91	43.24	27.64		7.98	8.8	2.956	
599	1/3/2013 17:45:51	8.86	43.30	27.68		7.98	8.5	2.859	
600	1/3/2013 18:00:51	8.80	43.12	27.55		7.98	8.5	2.776	
601	1/3/2013 18:15:51	8.81	43.14	27.56		7.98	8.4	2.693	
602	1/3/2013 18:30:50	8.71	42.65	27.21		7.98	9.9	2.610	
603	1/3/2013 18:45:50	8.68	42.47	27.08		7.98	8.1	2.514	
604	1/3/2013 19:00:51	8.61	42.21	26.90		7.98	8.9	2.421	
605	1/3/2013 19:15:51	8.55	41.90	26.67		7.98	8.7	2.341	
606	1/3/2013 19:30:50	8.48	41.76	26.57		7.98	8.6	2.253	
607	1/3/2013 19:45:51	8.39	41.57	26.43		7.97	8.7	2.159	
608	1/3/2013 20:00:50	8.37	41.26	26.22		7.98	9.3	2.079	
609	1/3/2013 20:15:50	8.33	41.23	26.19		7.97	9.3	2.032	
610	1/3/2013 20:30:50	8.30	41.11	26.11		7.97	10.4	1.965	
611	1/3/2013 20:45:50	8.27	41.01	26.03		7.97	10.6	1.895	
612	1/3/2013 21:00:51	8.33	41.14	26.13		7.97	10.9	1.886	
613	1/3/2013 21:15:51	8.25	40.96	26.00		7.96	9.1	1.881	
614	1/3/2013 21:30:51	8.29	41.02	26.04		7.97	8.2	1.848	
615	1/3/2013 21:45:50	8.18	40.86	25.92		7.97	7.8	1.877	

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
616	1/3/2013 22:00:51	8.47	41.55	26.42		7.97	8.7	1.898	
617	1/3/2013 22:15:51	8.40	41.31	26.25		7.97	8.6	1.948	
618	1/3/2013 22:30:51	8.47	41.54	26.42		7.97	8.1	1.988	
619	1/3/2013 22:45:51	8.35	41.18	26.16		7.96	8.5	2.061	
620	1/3/2013 23:00:50	8.36	40.89	25.95		7.96	8.0	2.127	
621	1/3/2013 23:15:50	8.40	40.86	25.93		7.96	7.7	2.196	
622	1/3/2013 23:30:50	8.49	41.49	26.39		7.97	8.1	2.263	
623	1/3/2013 23:45:51	8.51	41.45	26.36		7.96	8.2	2.311	
624	1/4/2013 0:00:51	8.58	41.69	26.53		7.96	8.3	2.401	
625	1/4/2013 0:15:51	8.66	42.00	26.75		7.96	8.1	2.476	
626	1/4/2013 0:30:50	8.73	42.36	27.01		7.97	8.5	2.546	
627	1/4/2013 0:45:51	8.77	42.64	27.21		7.96	9.0	2.624	
628	1/4/2013 1:00:51	8.83	43.00	27.46		7.97	9.3	2.703	
629	1/4/2013 1:15:51	8.84	43.05	27.50		7.97	9.1	2.782	
630	1/4/2013 1:30:50	8.89	43.07	27.52		7.97	9.6	2.858	
631	1/4/2013 1:45:51	8.95	43.62	27.91		7.97	10.9	2.939	
632	1/4/2013 2:00:50	8.99	43.71	27.98		7.98	11.0	3.030	
633	1/4/2013 2:15:50	9.05	43.92	28.13		7.98	10.9	3.100	
634	1/4/2013 2:30:50	9.09	44.00	28.19		7.98	12.0	3.178	
635	1/4/2013 2:45:51	9.13	44.58	28.60		7.98	12.4	3.251	
636	1/4/2013 3:00:51	9.18	44.66	28.66		7.98	12.7	3.343	
637	1/4/2013 3:15:50	9.32	45.43	29.22		7.99	14.0	3.423	
638	1/4/2013 3:30:51	9.38	45.80	29.49		8.00	14.3	3.484	
639	1/4/2013 3:45:51	9.47	46.16	29.75		8.00	11.6	3.550	
640	1/4/2013 4:00:51	9.53	46.36	29.89		8.00	11.4	3.607	
641	1/4/2013 4:15:51	9.57	46.53	30.02		8.01	10.4	3.643	
642	1/4/2013 4:30:50	9.60	46.44	29.96		8.01	8.0	3.671	
643	1/4/2013 4:45:50	9.59	46.45	29.96		8.01	8.2	3.680	
644	1/4/2013 5:00:51	9.64	46.78	30.20		8.01	8.9	3.666	
645	1/4/2013 5:15:51	9.62	46.75	30.18		8.01	9.1	3.638	
646	1/4/2013 5:30:51	9.58	46.63	30.09		8.00	9.6	3.591	
647	1/4/2013 5:45:51	9.37	45.98	29.61		7.99	10.1	3.525	
648	1/4/2013 6:00:51	9.15	45.26	29.09		7.98	10.1	3.458	
649	1/4/2013 6:15:50	9.11	44.70	28.69		7.99	11.2	3.380	
650	1/4/2013 6:30:50	8.95	44.24	28.35		7.98	11.2	3.305	
651	1/4/2013 6:45:50	8.98	44.33	28.42		7.97	8.8	3.205	
652	1/4/2013 7:00:50	8.86	43.90	28.10		7.97	10.4	3.126	
653	1/4/2013 7:15:51	8.87	44.32	28.40		7.97	8.2	3.034	
654	1/4/2013 7:30:51	8.77	43.88	28.08		7.97	7.8	2.966	
655	1/4/2013 7:45:51	8.81	43.98	28.16		7.97	7.7	2.867	
656	1/4/2013 8:00:51	8.81	44.30	28.38		7.97	8.0	2.773	
657	1/4/2013 8:15:51	8.45	42.48	27.08		7.96	7.8	2.709	
658	1/4/2013 8:30:51	8.38	42.39	27.00		7.95	7.5	2.621	
659	1/4/2013 8:45:51	8.37	42.44	27.04		7.95	7.4	2.546	
660	1/4/2013 9:00:51	8.28	42.12	26.81		7.95	7.2	2.466	
661	1/4/2013 9:15:50	8.21	42.12	26.81		7.95	7.4	2.401	
662	1/4/2013 9:30:50	8.14	41.62	26.45		7.95	7.5	2.326	
663	1/4/2013 9:45:51	8.08	41.48	26.35		7.95	7.6	2.261	
664	1/4/2013 10:00:51	8.12	41.57	26.41		7.95	8.0	2.217	
665	1/4/2013 10:15:51	8.10	41.47	26.34		7.95	7.7	2.197	
666	1/4/2013 10:30:51	8.13	41.54	26.40		7.95	7.0	2.154	
667	1/4/2013 10:45:51	8.17	41.78	26.56		7.95	7.1	2.144	
668	1/4/2013 11:00:50	8.25	41.19	26.16		7.95	8.1	2.149	
669	1/4/2013 11:15:50	8.23	41.32	26.25		7.95	6.8	2.161	
670	1/4/2013 11:30:51	8.23	41.60	26.44		7.95	7.1	2.193	
671	1/4/2013 11:45:51	8.25	41.83	26.61		7.94	7.6	2.239	

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
672	1/4/2013 12:00:51	8.29	42.00	26.73		7.95	7.5	2.284	
673	1/4/2013 12:15:50	8.33	41.20	26.17		7.94	7.0	2.335	
674	1/4/2013 12:30:50	8.34	41.78	26.58		7.95	7.2	2.403	
675	1/4/2013 12:45:51	8.36	42.07	26.78		7.95	7.8	2.458	
676	1/4/2013 13:00:51	8.45	42.35	26.98		7.95	8.1	2.510	
677	1/4/2013 13:15:51	8.51	42.41	27.03		7.95	7.4	2.565	
678	1/4/2013 13:30:51	8.57	42.89	27.37		7.95	8.2	2.618	
679	1/4/2013 13:45:51	8.61	43.02	27.47		7.95	7.8	2.669	
680	1/4/2013 14:00:50	8.68	43.00	27.46		7.96	7.7	2.716	
681	1/4/2013 14:15:51	8.83	43.11	27.54		7.96	7.1	2.761	
682	1/4/2013 14:30:50	8.91	43.34	27.71		7.97	7.3	2.824	
683	1/4/2013 14:45:50	9.00	43.38	27.74		7.97	7.1	2.865	
684	1/4/2013 15:00:50	9.02	43.43	27.78		7.97	7.1	2.907	
685	1/4/2013 15:15:50	9.09	43.51	27.84		7.97	7.0	2.958	
686	1/4/2013 15:30:50	9.11	43.51	27.85		7.97	6.7	2.994	
687	1/4/2013 15:45:50	9.16	43.86	28.10		7.98	6.7	3.036	
688	1/4/2013 16:00:51	9.14	44.39	28.47		7.97	6.5	3.075	
689	1/4/2013 16:15:50	9.14	44.18	28.32		7.98	6.7	3.091	
690	1/4/2013 16:30:51	9.15	44.56	28.59		7.98	6.1	3.125	
691	1/4/2013 16:45:51	9.16	44.41	28.49		7.98	5.9	3.140	
692	1/4/2013 17:00:50	9.11	44.34	28.43		7.97	7.0	3.129	
693	1/4/2013 17:15:51	9.11	44.73	28.71		7.97	7.3	3.118	
694	1/4/2013 17:30:50	9.12	44.19	28.33		7.98	7.6	3.084	
695	1/4/2013 17:45:51	9.08	44.20	28.33		7.97	7.7	3.039	
696	1/4/2013 18:00:51	9.06	43.89	28.11		7.97	7.8	2.989	
697	1/4/2013 18:15:51	8.95	43.24	27.65		7.96	8.3	2.906	
698	1/4/2013 18:30:51	8.94	43.24	27.64		7.96	8.3	2.847	
699	1/4/2013 18:45:51	8.94	43.25	27.65		7.97	8.2	2.766	
700	1/4/2013 19:00:51	8.88	42.80	27.33		7.97	7.6	2.698	
701	1/4/2013 19:15:50	8.79	42.54	27.14		7.97	7.6	2.610	
702	1/4/2013 19:30:51	8.76	42.76	27.29		7.96	7.4	2.546	
703	1/4/2013 19:45:51	8.64	42.18	26.88		7.97	7.6	2.472	
704	1/4/2013 20:00:50	8.65	42.15	26.85		7.98	7.2	2.392	
705	1/4/2013 20:15:51	8.61	42.05	26.78		7.99	6.8	2.334	
706	1/4/2013 20:30:51	8.59	41.95	26.71		7.99	7.1	2.261	
707	1/4/2013 20:45:51	8.56	42.00	26.75		7.99	6.9	2.203	
708	1/4/2013 21:00:51	8.54	41.84	26.63		8.00	7.1	2.158	
709	1/4/2013 21:15:51	8.52	41.64	26.49		8.00	6.8	2.098	
710	1/4/2013 21:30:51	8.53	41.63	26.48		8.00	7.2	2.069	
711	1/4/2013 21:45:51	8.53	41.55	26.43		8.00	6.9	2.043	
712	1/4/2013 22:00:51	8.52	41.62	26.48		8.00	6.7	2.037	
713	1/4/2013 22:15:51	8.55	41.69	26.52		7.99	6.6	2.029	
714	1/4/2013 22:30:51	8.50	41.70	26.53		7.99	6.6	2.036	
715	1/4/2013 22:45:51	8.55	42.00	26.75		7.98	7.1	2.071	
716	1/4/2013 23:00:51	8.53	41.83	26.62		7.99	6.8	2.108	
717	1/4/2013 23:15:51	8.58	42.03	26.76		7.98	6.8	2.153	
718	1/4/2013 23:30:51	8.57	41.99	26.74		7.97	7.2	2.208	
719	1/4/2013 23:45:51	8.46	41.41	26.32		7.97	7.1	2.268	
720	1/5/2013 0:00:51	8.57	41.80	26.60		7.96	7.3	2.320	
721	1/5/2013 0:15:51	8.63	42.20	26.89		7.96	7.3	2.396	
722	1/5/2013 0:30:51	8.73	42.40	27.04		7.96	7.6	2.465	
723	1/5/2013 0:45:51	8.81	42.84	27.35		7.96	7.4	2.526	
724	1/5/2013 1:00:51	8.83	42.95	27.43		7.96	7.4	2.601	
725	1/5/2013 1:15:50	8.88	43.09	27.53		7.96	8.1	2.677	
726	1/5/2013 1:30:51	8.92	43.45	27.79		7.96	8.4	2.742	
727	1/5/2013 1:45:50	8.89	43.43	27.77		7.97	7.8	2.819	

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
728	1/5/2013 2:00:51	8.88	43.76	28.01		7.96	7.4	2.897	
729	1/5/2013 2:15:51	9.10	44.38	28.46		7.97	10.3	2.980	
730	1/5/2013 2:30:51	9.15	44.43	28.50		7.97	9.3	3.063	
731	1/5/2013 2:45:50	9.17	44.41	28.48		7.98	10.6	3.139	
732	1/5/2013 3:00:51	9.23	44.91	28.84		7.98	11.4	3.216	
733	1/5/2013 3:15:51	9.26	45.09	28.97		7.98	11.7	3.303	
734	1/5/2013 3:30:51	9.30	45.13	29.01		7.98	11.3	3.388	
735	1/5/2013 3:45:50	9.36	45.21	29.06		7.99	12.6	3.466	
736	1/5/2013 4:00:50	9.46	45.98	29.62		8.00	14.9	3.542	
737	1/5/2013 4:15:50	9.58	46.30	29.85		8.01	12.9	3.610	
738	1/5/2013 4:30:51	9.66	46.71	30.15		8.01	11.0	3.665	
739	1/5/2013 4:45:50	9.70	46.44	29.96		8.01	9.5	3.715	
740	1/5/2013 5:00:50	9.73	46.82	30.23		8.01	9.6	3.759	
741	1/5/2013 5:15:50	9.74	46.85	30.26		8.02	9.0	3.781	
742	1/5/2013 5:30:51	9.71	46.96	30.33		8.01	8.6	3.791	
743	1/5/2013 5:45:51	9.75	46.92	30.31		8.01	8.5	3.784	
744	1/5/2013 6:00:50	9.60	46.23	29.81		8.00	8.5	3.772	
745	1/5/2013 6:15:51	9.65	46.75	30.18		8.01	10.1	3.700	
746	1/5/2013 6:30:51	9.10	45.11	28.97		7.98	8.4	3.652	
747	1/5/2013 6:45:50	9.03	44.64	28.64		7.98	7.5	3.595	
748	1/5/2013 7:00:51	9.07	44.90	28.82		7.97	7.8	3.494	
749	1/5/2013 7:15:51	8.99	44.62	28.62		7.97	8.4	3.400	
750	1/5/2013 7:30:51	8.94	44.38	28.45		7.97	7.8	3.309	
751	1/5/2013 7:45:51	8.96	44.39	28.46		7.97	7.1	3.231	
752	1/5/2013 8:00:50	8.98	44.35	28.43		7.97	7.6	3.117	
753	1/5/2013 8:15:50	8.95	44.20	28.32		7.97	7.6	3.026	
754	1/5/2013 8:30:51	9.01	44.44	28.49		7.97	7.4	2.949	
755	1/5/2013 8:45:51	8.85	44.01	28.18		7.97	7.3	2.863	
756	1/5/2013 9:00:50	8.88	43.91	28.11		7.97	6.9	2.777	
757	1/5/2013 9:15:51	8.82	44.01	28.18		7.96	6.6	2.681	
758	1/5/2013 9:30:51	8.74	43.40	27.74		7.96	7.3	2.621	
759	1/5/2013 9:45:50	8.64	42.69	27.24		7.96	7.0	2.529	
760	1/5/2013 10:00:51	8.67	43.26	27.64		7.97	7.4	2.437	
761	1/5/2013 10:15:51	8.52	42.57	27.14		7.97	7.5	2.356	
762	1/5/2013 10:30:51	8.43	42.24	26.90		7.97	7.4	2.265	
763	1/5/2013 10:45:51	8.37	42.13	26.82		7.97	6.8	2.208	
764	1/5/2013 11:00:51	8.38	42.03	26.75		7.97	7.0	2.130	
765	1/5/2013 11:15:51	8.36	41.93	26.68		7.98	6.7	2.081	
766	1/5/2013 11:30:51	8.35	41.82	26.60		7.98	6.5	2.047	
767	1/5/2013 11:45:51	8.34	41.74	26.55		7.98	6.4	2.017	
768	1/5/2013 12:00:51	8.42	42.12	26.82		7.97	6.7	2.021	
769	1/5/2013 12:15:51	8.46	42.26	26.92		7.96	7.0	2.019	
770	1/5/2013 12:30:51	8.44	42.23	26.90		7.96	7.9	2.054	
771	1/5/2013 12:45:51	8.45	42.22	26.89		7.96	7.1	2.090	
772	1/5/2013 13:00:51	8.47	42.32	26.96		7.96	6.7	2.130	
773	1/5/2013 13:15:51	8.42	41.95	26.70		7.96	6.5	2.193	
774	1/5/2013 13:30:51	8.48	42.29	26.94		7.96	6.6	2.239	
775	1/5/2013 13:45:51	8.46	42.16	26.85		7.95	6.7	2.282	
776	1/5/2013 14:00:51	8.50	42.17	26.86		7.96	6.7	2.359	
777	1/5/2013 14:15:51	8.50	42.28	26.94		7.96	6.7	2.400	
778	1/5/2013 14:30:51	8.56	42.64	27.19		7.95	7.3	2.448	
779	1/5/2013 14:45:51	8.55	42.52	27.11		7.95	6.7	2.497	
780	1/5/2013 15:00:51	8.61	42.79	27.30		7.95	6.9	2.560	
781	1/5/2013 15:15:50	8.70	42.79	27.31		7.96	7.1	2.608	
782	1/5/2013 15:30:50	8.76	43.27	27.65		7.96	7.1	2.653	
783	1/5/2013 15:45:51	8.81	43.56	27.86		7.96	7.3	2.706	

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
784	1/5/2013 16:00:51	8.84	43.75	27.99		7.96	7.2	2.757	
785	1/5/2013 16:15:51	8.87	43.72	27.97		7.96	6.8	2.799	
786	1/5/2013 16:30:50	8.89	43.74	27.99		7.96	6.8	2.839	
787	1/5/2013 16:45:50	8.91	43.78	28.02		7.96	6.7	2.890	
788	1/5/2013 17:00:50	8.93	43.98	28.16		7.96	6.9	2.937	
789	1/5/2013 17:15:50	8.97	44.09	28.24		7.97	6.9	2.965	
790	1/5/2013 17:30:50	9.00	44.25	28.36		7.97	6.6	2.989	
791	1/5/2013 17:45:50	9.01	44.31	28.40		7.97	6.6	3.023	
792	1/5/2013 18:00:50	9.02	44.38	28.45		7.97	6.5	3.028	
793	1/5/2013 18:15:50	9.00	44.26	28.37		7.97	7.1	3.033	
794	1/5/2013 18:30:50	9.02	44.36	28.44		7.97	7.4	3.018	
795	1/5/2013 18:45:50	9.00	44.37	28.44		7.97	7.3	3.006	
796	1/5/2013 19:00:51	8.95	44.20	28.32		7.96	7.1	2.981	
797	1/5/2013 19:15:51	8.92	44.09	28.24		7.96	7.6	2.918	
798	1/5/2013 19:30:51	8.82	43.71	27.97		7.96	7.7	2.872	
799	1/5/2013 19:45:51	8.69	43.38	27.72		7.95	7.4	2.827	
800	1/5/2013 20:00:51	8.68	43.38	27.73		7.95	7.5	2.748	
801	1/5/2013 20:15:50	8.66	43.16	27.57		7.95	6.8	2.691	
802	1/5/2013 20:30:50	8.63	43.26	27.63		7.96	6.8	2.625	
803	1/5/2013 20:45:50	8.60	42.90	27.38		7.96	6.7	2.566	
804	1/5/2013 21:00:50	8.55	42.96	27.42		7.95	6.7	2.481	
805	1/5/2013 21:15:51	8.48	42.40	27.02		7.96	6.6	2.444	
806	1/5/2013 21:30:51	8.42	42.36	26.99		7.96	6.3	2.388	
807	1/5/2013 21:45:51	8.42	42.45	27.05		7.96	6.3	2.327	
808	1/5/2013 22:00:51	8.41	42.53	27.11		7.96	6.2	2.298	
809	1/5/2013 22:15:51	8.41	42.40	27.02		7.96	6.2	2.261	
810	1/5/2013 22:30:51	8.42	42.34	26.98		7.96	6.2	2.246	
811	1/5/2013 22:45:51	8.40	42.25	26.91		7.96	5.8	2.208	
812	1/5/2013 23:00:51	8.45	42.46	27.06		7.95	5.5	2.188	
813	1/5/2013 23:15:51	8.48	42.39	27.02		7.95	6.6	2.218	
814	1/5/2013 23:30:51	8.43	42.50	27.09		7.95	6.2	2.244	
815	1/5/2013 23:45:51	8.49	42.69	27.23		7.95	6.3	2.252	
816	1/6/2013 0:00:51	8.51	42.59	27.15		7.95	6.3	2.283	
817	1/6/2013 0:15:51	8.55	42.79	27.30		7.95	6.3	2.342	
818	1/6/2013 0:30:51	8.46	42.39	27.01		7.96	6.2	2.393	
819	1/6/2013 0:45:51	8.53	42.64	27.19		7.95	6.7	2.436	
820	1/6/2013 1:00:51	8.57	42.82	27.32		7.95	6.9	2.489	
821	1/6/2013 1:15:51	8.60	42.76	27.28		7.95	7.0	2.564	
822	1/6/2013 1:30:50	8.74	43.25	27.64		7.95	6.8	2.621	
823	1/6/2013 1:45:50	8.71	43.19	27.59		7.95	6.9	2.676	
824	1/6/2013 2:00:50	8.74	43.29	27.66		7.96	6.6	2.745	
825	1/6/2013 2:15:51	8.81	43.70	27.96		7.96	7.3	2.836	
826	1/6/2013 2:30:51	8.85	43.97	28.15		7.96	7.3	2.897	
827	1/6/2013 2:45:51	8.84	44.01	28.18		7.96	6.7	2.967	
828	1/6/2013 3:00:50	8.95	44.11	28.26		7.97	6.7	3.054	
829	1/6/2013 3:15:51	9.19	45.17	29.02		7.97	8.9	3.132	
830	1/6/2013 3:30:50	9.20	44.78	28.75		7.98	9.1	3.217	
831	1/6/2013 3:45:50	9.30	45.42	29.21		7.98	11.4	3.307	
832	1/6/2013 4:00:51	9.35	45.77	29.46		7.98	11.3	3.390	
833	1/6/2013 4:15:51	9.36	45.54	29.30		7.98	12.1	3.469	
834	1/6/2013 4:30:51	9.40	45.91	29.57		7.99	11.0	3.544	
835	1/6/2013 4:45:51	9.44	45.86	29.53		7.99	11.7	3.620	
836	1/6/2013 5:00:51	9.54	46.43	29.94		8.00	11.0	3.700	
837	1/6/2013 5:15:50	9.60	46.56	30.04		8.01	10.8	3.753	
838	1/6/2013 5:30:51	9.69	47.01	30.37		8.01	9.2	3.800	
839	1/6/2013 5:45:51	9.71	46.95	30.32		8.01	8.6	3.846	

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
840	1/6/2013 6:00:50	9.73	47.06	30.41		8.02	7.5	3.865	
841	1/6/2013 6:15:50	9.71	46.98	30.35		8.01	6.8	3.874	
842	1/6/2013 6:30:50	9.73	47.09	30.43		8.01	7.8	3.868	
843	1/6/2013 6:45:51	9.72	46.98	30.35		8.01	7.9	3.850	
844	1/6/2013 7:00:51	9.19	45.82	29.48		7.99	8.4	3.800	
845	1/6/2013 7:15:50	8.99	45.06	28.93		7.98	8.4	3.763	
846	1/6/2013 7:30:51	8.89	45.29	29.09		7.97	7.4	3.677	
847	1/6/2013 7:45:51	8.88	44.95	28.85		7.97	7.3	3.607	
848	1/6/2013 8:00:51	8.96	45.25	29.07		7.97	7.0	3.517	
849	1/6/2013 8:15:51	8.82	44.98	28.86		7.97	7.6	3.418	
850	1/6/2013 8:30:51	8.89	45.00	28.88		7.97	6.3	3.315	
851	1/6/2013 8:45:51	8.99	45.02	28.91		7.97	7.3	3.229	
852	1/6/2013 9:00:50	8.92	44.42	28.48		7.97	7.0	3.130	
853	1/6/2013 9:15:51	8.82	44.54	28.55		7.96	6.5	3.031	
854	1/6/2013 9:30:51	8.82	44.69	28.66		7.96	6.8	2.927	
855	1/6/2013 9:45:51	8.92	44.75	28.71		7.97	6.7	2.830	
856	1/6/2013 10:00:51	8.73	43.91	28.10		7.97	6.4	2.728	
857	1/6/2013 10:15:50	8.56	43.21	27.60		7.96	7.2	2.638	
858	1/6/2013 10:30:51	8.57	43.07	27.50		7.97	7.0	2.520	
859	1/6/2013 10:45:51	8.61	43.03	27.48		7.98	7.1	2.406	
860	1/6/2013 11:00:51	8.63	42.90	27.38		7.99	7.4	2.324	
861	1/6/2013 11:15:51	8.67	42.80	27.31		8.00	6.8	2.202	
862	1/6/2013 11:30:50	8.66	42.15	26.85		7.99	7.0	2.106	
863	1/6/2013 11:45:50	8.65	42.37	27.01		8.00	6.6	2.018	
864	1/6/2013 12:00:50	8.64	41.96	26.72		8.01	7.1	1.922	
865	1/6/2013 12:15:50	8.67	42.10	26.82		8.01	7.3	1.864	
866	1/6/2013 12:30:50	8.66	41.77	26.59		8.01	7.3	1.796	
867	1/6/2013 12:45:51	8.66	42.02	26.76		8.01	7.5	1.788	
868	1/6/2013 13:00:50	8.63	41.82	26.62		8.00	6.8	1.760	
869	1/6/2013 13:15:51	8.46	42.15	26.85		7.98	6.2	1.732	
870	1/6/2013 13:30:51	8.61	42.31	26.96		7.99	6.4	1.781	
871	1/6/2013 13:45:51	8.54	42.17	26.86		7.98	6.3	1.807	
872	1/6/2013 14:00:51	8.59	42.42	27.04		7.98	6.4	1.836	
873	1/6/2013 14:15:50	8.67	42.06	26.79		7.98	6.3	1.879	
874	1/6/2013 14:30:50	8.60	42.16	26.86		7.97	6.5	1.959	
875	1/6/2013 14:45:51	8.63	41.95	26.71		7.96	6.8	2.044	
876	1/6/2013 15:00:51	8.57	41.69	26.53		7.96	6.3	2.091	
877	1/6/2013 15:15:51	8.58	42.26	26.93		7.96	6.3	2.137	
878	1/6/2013 15:30:51	8.58	42.04	26.78		7.96	6.3	2.227	
879	1/6/2013 15:45:51	8.53	42.36	26.99		7.96	6.6	2.291	
880	1/6/2013 16:00:51	8.57	42.57	27.15		7.95	6.8	2.337	
881	1/6/2013 16:15:51	8.63	42.57	27.15		7.95	6.6	2.386	
882	1/6/2013 16:30:50	8.70	42.61	27.18		7.95	6.6	2.466	
883	1/6/2013 16:45:50	8.75	43.09	27.52		7.95	7.0	2.531	
884	1/6/2013 17:00:50	8.77	43.08	27.52		7.95	6.8	2.593	
885	1/6/2013 17:15:51	8.78	43.45	27.78		7.95	7.0	2.651	
886	1/6/2013 17:30:51	8.79	43.59	27.88		7.95	7.1	2.702	
887	1/6/2013 17:45:51	8.80	43.79	28.02		7.95	6.9	2.763	
888	1/6/2013 18:00:51	8.81	43.80	28.03		7.95	7.3	2.808	
889	1/6/2013 18:15:51	8.81	43.86	28.07		7.95	7.0	2.854	
890	1/6/2013 18:30:51	8.83	43.99	28.17		7.95	6.9	2.906	
891	1/6/2013 18:45:51	8.86	44.04	28.20		7.96	6.3	2.936	
892	1/6/2013 19:00:51	8.92	44.19	28.31		7.96	7.1	2.977	
893	1/6/2013 19:15:51	8.92	44.16	28.29		7.96	5.9	3.002	
894	1/6/2013 19:30:51	8.90	44.04	28.21		7.96	6.5	3.024	
895	1/6/2013 19:45:51	8.94	44.32	28.41		7.96	6.4	3.003	

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
896	1/6/2013 20:00:51	8.94	44.25	28.35		7.96	7.1	2.993	
897	1/6/2013 20:15:51	8.92	44.25	28.35		7.96	6.8	2.951	
898	1/6/2013 20:30:50	8.89	43.90	28.10		7.96	6.7	2.919	
899	1/6/2013 20:45:51	8.73	43.58	27.87		7.95	7.1	2.877	
900	1/6/2013 21:00:51	8.80	43.76	28.00		7.95	7.3	2.835	
901	1/6/2013 21:15:51	8.70	43.50	27.81		7.95	8.2	2.786	
902	1/6/2013 21:30:51	8.53	43.37	27.70		7.94	8.3	2.731	
903	1/6/2013 21:45:51	8.55	43.24	27.61		7.94	7.4	2.666	
904	1/6/2013 22:00:51	8.59	43.21	27.60		7.95	7.3	2.618	
905	1/6/2013 22:15:51	8.58	42.95	27.42		7.95	6.8	2.567	
906	1/6/2013 22:30:51	8.53	42.56	27.13		7.95	6.7	2.512	
907	1/6/2013 22:45:51	8.47	42.73	27.25		7.94	6.7	2.459	
908	1/6/2013 23:00:51	8.47	42.44	27.05		7.95	6.2	2.424	
909	1/6/2013 23:15:51	8.47	42.68	27.22		7.95	6.7	2.365	
910	1/6/2013 23:30:51	8.48	42.59	27.15		7.95	6.7	2.333	
911	1/6/2013 23:45:51	8.49	42.46	27.06		7.95	6.0	2.347	
912	1/7/2013 0:00:51	8.51	42.51	27.10		7.95	6.3	2.323	
913	1/7/2013 0:15:51	8.55	42.82	27.32		7.94	5.6	2.297	
914	1/7/2013 0:30:51	8.57	42.94	27.41		7.94	6.2	2.331	
915	1/7/2013 0:45:51	8.58	42.89	27.37		7.94	6.6	2.356	
916	1/7/2013 1:00:51	8.54	42.66	27.21		7.95	6.2	2.378	
917	1/7/2013 1:15:51	8.59	42.74	27.27		7.95	6.5	2.423	
918	1/7/2013 1:30:51	8.60	42.95	27.42		7.95	6.4	2.440	
919	1/7/2013 1:45:51	8.54	42.67	27.21		7.96	6.4	2.515	
920	1/7/2013 2:00:51	8.64	42.95	27.42		7.95	6.6	2.557	
921	1/7/2013 2:15:50	8.68	42.85	27.35		7.95	6.6	2.623	
922	1/7/2013 2:30:51	8.73	43.37	27.72		7.95	6.3	2.688	
923	1/7/2013 2:45:51	8.77	43.58	27.87		7.95	6.7	2.740	
924	1/7/2013 3:00:51	8.76	43.60	27.88		7.95	6.7	2.816	
925	1/7/2013 3:15:51	8.78	43.74	27.99		7.95	6.6	2.877	
926	1/7/2013 3:30:51	8.78	43.90	28.10		7.96	6.5	2.948	
927	1/7/2013 3:45:51	8.83	44.17	28.29		7.96	6.7	3.047	
928	1/7/2013 4:00:51	8.97	44.51	28.54		7.96	7.0	3.122	
929	1/7/2013 4:15:51	9.13	45.08	28.96		7.97	7.3	3.198	
930	1/7/2013 4:30:51	9.39	45.64	29.37		7.98	9.9	3.278	
931	1/7/2013 4:45:51	9.49	45.97	29.62		7.99	11.5	3.375	
932	1/7/2013 5:00:50	9.57	46.16	29.76		8.00	11.8	3.462	
933	1/7/2013 5:15:51	9.56	46.34	29.88		7.99	11.5	3.523	
934	1/7/2013 5:30:50	9.62	46.47	29.98		8.00	12.9	3.610	
935	1/7/2013 5:45:51	9.65	46.60	30.07		8.00	12.9	3.696	
936	1/7/2013 6:00:50	9.72	46.84	30.25		8.01	11.1	3.756	
937	1/7/2013 6:15:50	9.81	47.11	30.45		8.02	9.9	3.807	
938	1/7/2013 6:30:51	9.89	47.48	30.72		8.02	9.3	3.879	
939	1/7/2013 6:45:51	9.93	47.46	30.71		8.02	8.6	3.919	
940	1/7/2013 7:00:51	9.95	47.69	30.88		8.02	7.8	3.944	
941	1/7/2013 7:15:51	9.85	47.21	30.52		8.02	7.6	3.945	
942	1/7/2013 7:30:51	9.94	47.70	30.88		8.02	8.1	3.946	
943	1/7/2013 7:45:50	9.92	47.32	30.61		8.02	8.3	3.922	
944	1/7/2013 8:00:50	9.75	46.92	30.31		8.01	8.0	3.865	
945	1/7/2013 8:15:50	9.34	45.59	29.33		7.98	7.5	3.792	
946	1/7/2013 8:30:50	9.16	45.12	28.99		7.97	7.0	3.711	
947	1/7/2013 8:45:51	9.33	45.54	29.30		7.98	8.5	3.619	
948	1/7/2013 9:00:51	9.38	45.80	29.49		7.98	9.2	3.532	
949	1/7/2013 9:15:51	9.09	44.71	28.69		7.96	8.4	3.426	
950	1/7/2013 9:30:51	9.09	44.70	28.69		7.96	6.7	3.328	
951	1/7/2013 9:45:51	9.17	44.99	28.89		7.97	6.2	3.215	

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
952	1/7/2013 10:00:51	9.12	44.77	28.74		7.97	7.3	3.117	
953	1/7/2013 10:15:51	9.11	44.66	28.66		7.97	6.8	2.994	
954	1/7/2013 10:30:51	9.08	44.57	28.59		7.97	6.6	2.897	
955	1/7/2013 10:45:51	9.04	44.47	28.52		7.97	6.8	2.767	
956	1/7/2013 11:00:51	8.95	43.99	28.17		7.96	7.9	2.622	
957	1/7/2013 11:15:51	8.97	43.88	28.09		7.98	7.0	2.545	
958	1/7/2013 11:30:51	8.92	43.65	27.93		7.98	7.5	2.402	
959	1/7/2013 11:45:50	8.82	43.08	27.52		7.98	8.5	2.269	
960	1/7/2013 12:00:50	8.93	43.33	27.70		8.00	8.1	2.146	
961	1/7/2013 12:15:51	8.77	42.99	27.45		7.98	8.2	2.026	
962	1/7/2013 12:30:51	8.81	43.10	27.54		7.99	9.7	1.893	
963	1/7/2013 12:45:51	8.76	42.73	27.27		7.99	8.7	1.769	
964	1/7/2013 13:00:51	8.70	42.55	27.14		7.99	9.8	1.677	
965	1/7/2013 13:15:51	8.69	42.35	27.00		7.99	11.5	1.604	
966	1/7/2013 13:30:50	8.65	41.94	26.71		7.99	10.3	1.524	
967	1/7/2013 13:45:51	8.68	42.27	26.94		7.99	9.6	1.510	
968	1/7/2013 14:00:51	8.67	42.20	26.89		8.00	9.3	1.462	
969	1/7/2013 14:15:51	8.68	42.28	26.95		7.99	8.2	1.500	
970	1/7/2013 14:30:51	8.67	42.32	26.98		7.99	7.5	1.526	
971	1/7/2013 14:45:51	8.68	42.37	27.01		7.99	6.8	1.548	
972	1/7/2013 15:00:51	8.68	42.40	27.03		7.98	6.5	1.616	
973	1/7/2013 15:15:51	8.68	42.40	27.03		7.98	6.5	1.680	
974	1/7/2013 15:30:51	8.69	42.33	26.98		7.98	6.4	1.772	
975	1/7/2013 15:45:51	8.69	41.72	26.56		7.96	7.6	1.799	
976	1/7/2013 16:00:51	8.67	41.90	26.68		7.96	7.9	1.872	
977	1/7/2013 16:15:50	8.68	41.90	26.68		7.96	7.8	1.954	
978	1/7/2013 16:30:51	8.69	42.17	26.87		7.96	7.8	2.012	
979	1/7/2013 16:45:51	8.69	42.24	26.92		7.96	7.3	2.079	
980	1/7/2013 17:00:51	8.74	42.26	26.94		7.95	7.6	2.153	
981	1/7/2013 17:15:51	8.79	42.77	27.30		7.95	8.2	2.242	
982	1/7/2013 17:30:51	8.83	43.09	27.53		7.95	7.7	2.318	
983	1/7/2013 17:45:50	8.89	43.29	27.67		7.95	7.8	2.393	
984	1/7/2013 18:00:50	8.91	43.58	27.88		7.95	8.2	2.474	
985	1/7/2013 18:15:50	8.91	43.50	27.82		7.95	8.0	2.542	
986	1/7/2013 18:30:51	8.92	43.81	28.05		7.95	8.1	2.608	
987	1/7/2013 18:45:51	8.95	43.98	28.17		7.95	8.6	2.696	
988	1/7/2013 19:00:51	8.98	43.95	28.15		7.95	8.5	2.742	
989	1/7/2013 19:15:51	9.03	44.11	28.26		7.96	8.4	2.796	
990	1/7/2013 19:30:51	9.05	44.26	28.37		7.96	8.2	2.868	
991	1/7/2013 19:45:51	9.07	43.92	28.13		7.96	8.2	2.926	
992	1/7/2013 20:00:51	9.10	44.43	28.49		7.96	8.8	2.948	
993	1/7/2013 20:15:51	9.13	44.53	28.57		7.96	7.7	2.987	
994	1/7/2013 20:30:50	9.16	44.31	28.42		7.96	7.6	3.028	
995	1/7/2013 20:45:50	9.18	44.41	28.48		7.97	6.5	3.028	
996	1/7/2013 21:00:50	9.17	44.25	28.37		7.96	7.8	3.027	
997	1/7/2013 21:15:50	9.16	44.52	28.56		7.96	7.9	3.036	
998	1/7/2013 21:30:51	9.17	44.40	28.48		7.96	7.4	3.016	
999	1/7/2013 21:45:51	9.11	44.27	28.38		7.95	7.7	2.969	
1000	1/7/2013 22:00:51	9.10	44.43	28.49		7.96	8.2	2.934	
1001	1/7/2013 22:15:51	9.08	43.96	28.16		7.95	8.5	2.875	
1002	1/7/2013 22:30:51	9.01	43.81	28.05		7.94	8.4	2.824	
1003	1/7/2013 22:45:51	9.04	43.83	28.06		7.95	7.6	2.743	
1004	1/7/2013 23:00:51	9.05	44.07	28.23		7.95	7.7	2.706	
1005	1/7/2013 23:15:51	9.04	43.56	27.88		7.95	7.2	2.639	
1006	1/7/2013 23:30:51	9.06	43.70	27.97		7.94	7.1	2.563	
1007	1/7/2013 23:45:51	9.00	43.45	27.79		7.94	6.8	2.532	

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1008	1/8/2013 0:00:51	8.93	43.28	27.67		7.94	6.6	2.482	
1009	1/8/2013 0:15:51	8.87	43.10	27.54		7.94	6.5	2.428	
1010	1/8/2013 0:30:51	8.94	43.10	27.54		7.94	6.2	2.397	
1011	1/8/2013 0:45:51	8.89	42.91	27.41		7.94	6.3	2.374	
1012	1/8/2013 1:00:51	8.87	43.08	27.52		7.94	6.2	2.344	
1013	1/8/2013 1:15:51	8.89	43.15	27.57		7.94	5.6	2.340	
1014	1/8/2013 1:30:51	8.90	43.28	27.67		7.94	6.2	2.343	
1015	1/8/2013 1:45:51	8.91	43.31	27.69		7.94	6.4	2.358	
1016	1/8/2013 2:00:51	8.89	43.03	27.49		7.94	5.7	2.377	
1017	1/8/2013 2:15:51	8.92	43.40	27.76		7.94	6.7	2.424	
1018	1/8/2013 2:30:51	8.93	43.25	27.65		7.94	7.0	2.471	
1019	1/8/2013 2:45:50	8.93	43.28	27.67		7.94	6.7	2.523	
1020	1/8/2013 3:00:51	8.94	43.49	27.82		7.94	6.7	2.589	
1021	1/8/2013 3:15:51	8.97	43.42	27.77		7.94	7.3	2.654	
1022	1/8/2013 3:30:51	9.03	43.85	28.08		7.95	7.0	2.712	
1023	1/8/2013 3:45:51	9.05	43.53	27.85		7.95	7.0	2.777	
1024	1/8/2013 4:00:51	9.07	43.83	28.07		7.95	6.7	2.860	
1025	1/8/2013 4:15:51	9.10	44.21	28.34		7.95	7.2	2.923	
1026	1/8/2013 4:30:51	9.13	44.22	28.35		7.96	8.1	2.997	
1027	1/8/2013 4:45:51	9.27	44.75	28.73		7.97	7.6	3.084	
1028	1/8/2013 5:00:51	9.34	45.04	28.94		7.97	6.8	3.156	
1029	1/8/2013 5:15:50	9.61	46.05	29.68		7.99	10.4	3.244	
1030	1/8/2013 5:30:50	9.63	46.11	29.72		7.99	13.2	3.334	
1031	1/8/2013 5:45:50	9.71	46.50	30.01		8.00	13.7	3.421	
1032	1/8/2013 6:00:51	9.75	46.52	30.02		8.00	13.7	3.517	
1033	1/8/2013 6:15:51	9.80	46.84	30.25		8.00	13.2	3.600	
1034	1/8/2013 6:30:51	9.87	46.95	30.33		8.00	12.5	3.686	
1035	1/8/2013 6:45:51	9.94	47.03	30.40		8.01	12.0	3.765	
1036	1/8/2013 7:00:51	10.07	47.69	30.88		8.02	11.4	3.839	
1037	1/8/2013 7:15:51	10.10	47.73	30.91		8.02	9.7	3.902	
1038	1/8/2013 7:30:51	10.16	47.82	30.98		8.02	9.4	3.955	
1039	1/8/2013 7:45:50	10.18	47.86	31.01		8.02	9.3	3.992	
1040	1/8/2013 8:00:50	10.19	47.88	31.02		8.02	7.8	4.013	
1041	1/8/2013 8:15:50	10.13	47.65	30.86		8.02	8.0	4.039	
1042	1/8/2013 8:30:50	10.18	47.83	30.99		8.02	7.6	4.021	
1043	1/8/2013 8:45:50	10.12	47.76	30.94		8.02	8.5	3.979	
1044	1/8/2013 9:00:51	9.81	46.81	30.23		8.00	8.2	3.943	
1045	1/8/2013 9:15:51	9.80	46.69	30.15		8.00	7.9	3.860	
1046	1/8/2013 9:30:51	9.63	45.86	29.54		7.99	6.7	3.780	
1047	1/8/2013 9:45:51	9.60	45.82	29.51		7.98	7.0	3.686	
1048	1/8/2013 10:00:51	9.66	45.91	29.58		7.98	7.9	3.558	
1049	1/8/2013 10:15:50	9.58	45.41	29.22		7.98	8.4	3.450	
1050	1/8/2013 10:30:51	9.60	45.50	29.28		7.98	7.8	3.343	
1051	1/8/2013 10:45:51	9.54	45.52	29.30		7.97	7.6	3.212	
1052	1/8/2013 11:00:51	9.62	45.45	29.25		7.98	7.6	3.079	
1053	1/8/2013 11:15:50	9.62	45.26	29.11		7.98	7.0	2.949	
1054	1/8/2013 11:30:50	9.53	44.69	28.71		7.98	7.3	2.829	
1055	1/8/2013 11:45:50	9.48	44.31	28.43		7.98	8.3	2.698	
1056	1/8/2013 12:00:50	9.50	44.08	28.27		7.97	8.4	2.549	
1057	1/8/2013 12:15:50	9.69	44.15	28.33		7.99	8.2	2.423	
1058	1/8/2013 12:30:50	9.54	43.69	27.99		7.99	9.2	2.284	
1059	1/8/2013 12:45:50	9.61	43.63	27.96		8.00	9.1	2.121	
1060	1/8/2013 13:00:50	9.60	43.58	27.92		8.00	10.3	1.982	
1061	1/8/2013 13:15:51	9.55	43.43	27.82		8.00	10.0	1.842	
1062	1/8/2013 13:30:51	9.58	43.30	27.72		8.00	10.2	1.687	
1063	1/8/2013 13:45:51	9.47	42.87	27.41		8.00	11.0	1.542	

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1064	1/8/2013 14:00:50	9.47	42.63	27.24		8.01	11.1	1.442	
1065	1/8/2013 14:15:51	9.48	42.68	27.28		8.01	10.7	1.347	
1066	1/8/2013 14:30:51	9.53	42.30	27.01		8.01	17.8	1.248	
1067	1/8/2013 14:45:51	9.50	42.38	27.07		8.01	13.4	1.217	
1068	1/8/2013 15:00:51	9.56	42.62	27.24		8.01	12.6	1.208	
1069	1/8/2013 15:15:51	9.52	42.45	27.12		8.01	9.2	1.219	
1070	1/8/2013 15:30:51	9.52	42.62	27.24		8.00	8.8	1.277	
1071	1/8/2013 15:45:51	9.48	42.52	27.16		8.00	8.7	1.341	
1072	1/8/2013 16:00:51	9.47	42.69	27.29		8.00	8.0	1.402	
1073	1/8/2013 16:15:51	9.48	42.51	27.16		8.00	7.6	1.477	
1074	1/8/2013 16:30:51	9.49	42.44	27.11		7.99	8.2	1.550	
1075	1/8/2013 16:45:51	9.52	42.02	26.82		7.97	9.1	1.622	
1076	1/8/2013 17:00:51	9.49	42.05	26.83		7.97	8.5	1.708	
1077	1/8/2013 17:15:51	9.48	42.18	26.93		7.97	8.4	1.768	
1078	1/8/2013 17:30:51	9.47	42.22	26.96		7.96	8.7	1.849	
1079	1/8/2013 17:45:50	9.44	42.36	27.05		7.97	8.4	1.935	
1080	1/8/2013 18:00:51	9.48	42.56	27.20		7.96	9.5	2.033	
1081	1/8/2013 18:15:51	9.48	42.92	27.45		7.96	9.2	2.118	
1082	1/8/2013 18:30:51	9.45	43.84	28.10		7.96	9.5	2.203	
1083	1/8/2013 18:45:51	9.44	43.62	27.94		7.95	9.3	2.296	
1084	1/8/2013 19:00:51	9.43	43.91	28.14		7.95	9.9	2.401	
1085	1/8/2013 19:15:51	9.44	44.13	28.30		7.95	10.4	2.477	
1086	1/8/2013 19:30:51	9.46	44.39	28.49		7.95	10.7	2.566	
1087	1/8/2013 19:45:51	9.49	44.54	28.59		7.96	11.2	2.653	
1088	1/8/2013 20:00:51	9.52	44.35	28.47		7.96	10.7	2.732	
1089	1/8/2013 20:15:50	9.53	44.43	28.52		7.96	11.8	2.787	
1090	1/8/2013 20:30:51	9.60	44.87	28.84		7.96	13.6	2.870	
1091	1/8/2013 20:45:51	9.61	44.97	28.91		7.96	12.1	2.940	
1092	1/8/2013 21:00:51	9.65	45.05	28.97		7.97	11.5	2.988	
1093	1/8/2013 21:15:50	9.76	45.57	29.34				3.046	
1094	1/8/2013 21:15:50	9.76	45.57	29.34				3.046	
1095	1/8/2013 21:45:51	9.90	46.10	29.73		7.99	10.4	3.138	
1096	1/8/2013 22:00:51	9.92	46.39	29.94		7.99	8.3	3.156	
1097	1/8/2013 22:15:51	9.87	46.07	29.71		7.98	10.4	3.158	
1098	1/8/2013 22:30:51	9.94	46.37	29.92		7.99	8.5	3.157	
1099	1/8/2013 22:45:50	9.94	46.20	29.80		7.99	9.9	3.124	
1100	1/8/2013 23:00:50	9.83	45.95	29.62		7.98	9.8	3.083	
1101	1/8/2013 23:15:51	9.67	45.24	29.11		7.96	9.5	3.028	
1102	1/8/2013 23:30:51	9.61	44.73	28.74		7.96	11.9	2.941	
1103	1/8/2013 23:45:50	9.55	44.43	28.52		7.96	11.0	2.890	
1104	1/9/2013 0:00:50	9.57	44.45	28.54		7.96	11.0	2.823	
1105	1/9/2013 0:15:50	9.56	44.42	28.52		7.96	9.8	2.749	
1106	1/9/2013 0:30:50	9.53	44.23	28.38		7.95	9.0	2.662	
1107	1/9/2013 0:45:50	9.51	44.12	28.30		7.95	8.6	2.629	
1108	1/9/2013 1:00:50	9.52	44.09	28.27		7.95	8.0	2.547	
1109	1/9/2013 1:15:51	9.47	43.88	28.13		7.95	8.2	2.498	
1110	1/9/2013 1:30:51	9.47	43.89	28.13		7.94	7.3	2.461	
1111	1/9/2013 1:45:51	9.47	43.68	27.99		7.94	6.9	2.404	
1112	1/9/2013 2:00:51	9.46	43.66	27.97		7.94	6.8	2.387	
1113	1/9/2013 2:15:51	9.45	43.75	28.03		7.94	7.3	2.346	
1114	1/9/2013 2:30:51	9.45	43.47	27.83		7.94	6.2	2.348	
1115	1/9/2013 2:45:51	9.46	43.70	28.00		7.94	6.4	2.338	
1116	1/9/2013 3:00:51	9.47	43.86	28.11		7.94	7.0	2.358	
1117	1/9/2013 3:15:51	9.47	43.98	28.20		7.94	7.2	2.396	
1118	1/9/2013 3:30:51	9.48	43.96	28.18		7.94	8.2	2.435	
1119	1/9/2013 3:45:51	9.47	43.99	28.21		7.94	8.4	2.493	

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1120	1/9/2013 4:00:51	9.48	43.89	28.13		7.94	8.0	2.552	
1121	1/9/2013 4:15:51	9.49	43.96	28.18		7.94	8.2	2.629	
1122	1/9/2013 4:30:50	9.54	44.30	28.43		7.95	8.9	2.696	
1123	1/9/2013 4:45:51	9.58	44.70	28.72		7.95	8.9	2.768	
1124	1/9/2013 5:00:51	9.65	44.89	28.85		7.96	8.7	2.856	
1125	1/9/2013 5:15:51	9.72	45.42	29.23		7.96	10.0	2.918	
1126	1/9/2013 5:30:51	9.81	45.78	29.50		7.97	9.5	3.009	
1127	1/9/2013 5:45:51	9.87	46.30	29.87		7.98	9.5	3.090	
1128	1/9/2013 6:00:51	9.97	46.80	30.23		7.98	12.9	3.177	
1129	1/9/2013 6:15:51	9.98	46.74	30.20		7.98	15.8	3.282	
1130	1/9/2013 6:30:50	10.03	46.85	30.27		7.99	13.7	3.385	
1131	1/9/2013 6:45:51	10.06	47.21	30.53		7.99	13.6	3.469	
1132	1/9/2013 7:00:51	10.14	47.72	30.91		7.99	14.5	3.581	
1133	1/9/2013 7:15:51	10.17	47.78	30.95		8.00	12.1	3.668	
1134	1/9/2013 7:30:51	10.23	47.73	30.92		8.00	14.4	3.755	
1135	1/9/2013 7:45:51	10.27	48.10	31.18		8.00	11.7	3.834	
1136	1/9/2013 8:00:50	10.28	47.92	31.06		8.01	10.3	3.925	
1137	1/9/2013 8:15:51	10.29	48.20	31.26		8.01	9.6	3.979	
1138	1/9/2013 8:30:51	10.31	48.34	31.37		8.01	9.6	4.041	
1139	1/9/2013 8:45:51	10.32	48.51	31.49		8.01	8.1	4.086	
1140	1/9/2013 9:00:51	10.33	48.64	31.58		8.01	8.1	4.119	
1141	1/9/2013 9:15:51	10.29	48.21	31.27		8.01	8.1	4.127	
1142	1/9/2013 9:30:51	10.32	48.51	31.49		8.01	7.8	4.109	
1143	1/9/2013 9:45:50	10.32	48.30	31.34		8.01	10.3	4.066	
1144	1/9/2013 10:00:51	10.30	48.35	31.37		8.01	10.9	4.009	
1145	1/9/2013 10:15:50	10.25	48.06	31.16		8.01	11.6	3.916	
1146	1/9/2013 10:30:51	10.22	48.17	31.24		8.01	11.7	3.823	
1147	1/9/2013 10:45:51	10.19	47.90	31.04		8.00	11.6	3.717	
1148	1/9/2013 11:00:50	10.11	47.52	30.76		8.00	12.3	3.585	
1149	1/9/2013 11:15:50	9.99	46.67	30.15		7.99	10.1	3.453	
1150	1/9/2013 11:30:51	9.97	46.98	30.37		7.98	10.1	3.325	
1151	1/9/2013 11:45:51	9.95	46.94	30.33		7.98	11.9	3.180	
1152	1/9/2013 12:00:51	9.87	46.32	29.88		7.98	12.9	3.038	
1153	1/9/2013 12:15:51	9.97	46.88	30.29		7.98	13.9	2.911	
1154	1/9/2013 12:30:51	9.74	45.30	29.15		7.97	12.8	2.769	
1155	1/9/2013 12:45:51	9.96	46.46	29.99		7.99	12.1	2.621	
1156	1/9/2013 13:00:51	9.85	45.23	29.11		7.98	14.6	2.466	
1157	1/9/2013 13:15:51	9.95	44.97	28.93		8.00	16.3	2.333	
1158	1/9/2013 13:30:51	9.87	44.70	28.73		7.99	22.2	2.168	
1159	1/9/2013 13:45:51	9.88	44.62	28.68		7.99	24.5	2.016	
1160	1/9/2013 14:00:51	9.88	44.31	28.45		7.99	28.6	1.836	
1161	1/9/2013 14:15:51	9.80	44.00	28.23		7.98	37.7	1.697	
1162	1/9/2013 14:30:51	9.67	43.53	27.89		7.95	39.1	1.520	
1163	1/9/2013 14:45:50	9.61	43.13	27.60		7.95	43.0	1.369	
1164	1/9/2013 15:00:50	9.62	43.35	27.76		7.94	39.1	1.230	
1165	1/9/2013 15:15:51	9.61	43.47	27.84		7.94	36.4	1.122	
1166	1/9/2013 15:30:51	9.60	43.16	27.62		7.95	36.8	1.010	
1167	1/9/2013 15:45:51	9.61	42.48	27.15		7.97	34.1	0.987	
1168	1/9/2013 16:00:51	9.60	42.55	27.20		7.97	31.1	0.977	
1169	1/9/2013 16:15:51	9.59	42.40	27.09		7.96	23.3	1.047	
1170	1/9/2013 16:30:50	9.59	42.58	27.21		7.96	24.0	1.109	
1171	1/9/2013 16:45:51	9.56	42.68	27.29		7.96	22.8	1.213	
1172	1/9/2013 17:00:51	9.56	42.63	27.25		7.96	22.2	1.274	
1173	1/9/2013 17:15:51	9.53	42.54	27.18		7.95	20.4	1.379	
1174	1/9/2013 17:30:51	9.53	41.95	26.77		7.93	18.6	1.461	
1175	1/9/2013 17:45:51	9.57	41.87	26.72		7.93	17.4	1.520	

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1176	1/9/2013 18:00:50	9.58	42.03	26.83		7.93	17.2	1.601	
1177	1/9/2013 18:15:50	9.57	42.24	26.97		7.93	16.3	1.694	
1178	1/9/2013 18:30:51	9.59	42.65	27.27		7.93	16.8	1.790	
1179	1/9/2013 18:45:51	9.60	42.79	27.36		7.93	18.1	1.889	
1180	1/9/2013 19:00:51	9.62	43.37	27.77		7.94	17.3	1.988	
1181	1/9/2013 19:15:51	9.64	43.86	28.12		7.94	17.3	2.110	
1182	1/9/2013 19:30:51	9.63	43.93	28.17		7.94	18.4	2.210	
1183	1/9/2013 19:45:51	9.62	44.05	28.26		7.94	17.7	2.334	
1184	1/9/2013 20:00:51	9.61	44.22	28.37		7.94	21.6	2.429	
1185	1/9/2013 20:15:51	9.64	44.36	28.48		7.95	26.6	2.539	
1186	1/9/2013 20:30:51	9.67	44.70	28.72		7.95	27.2	2.640	
1187	1/9/2013 20:45:51	9.67	44.83	28.82		7.95	24.3	2.720	
1188	1/9/2013 21:00:51	9.67	45.12	29.02		7.96	22.2	2.811	
1189	1/9/2013 21:15:51	9.68	45.12	29.02		7.96	21.4	2.890	
1190	1/9/2013 21:30:51	9.76	45.79	29.50		7.97	23.9	2.963	
1191	1/9/2013 21:45:51	9.81	46.31	29.87		7.97	19.8	3.044	
1192	1/9/2013 22:00:51	9.84	46.49	30.01		7.98	19.8	3.111	
1193	1/9/2013 22:15:51	9.86	46.52	30.03		7.98	14.6	3.188	
1194	1/9/2013 22:30:51	9.92	46.72	30.18		7.98	15.6	3.241	
1195	1/9/2013 22:45:51	9.94	46.88	30.29		7.99	12.6	3.262	
1196	1/9/2013 23:00:51	9.96	47.04	30.41		7.99	10.3	3.285	
1197	1/9/2013 23:15:51	9.89	46.74	30.19		7.98	12.6	3.286	
1198	1/9/2013 23:30:50	9.88	46.52	30.03		7.98	13.6	3.260	
1199	1/9/2013 23:45:51	9.83	46.55	30.05		7.98	14.0	3.226	
1200	1/10/2013 0:00:51	9.46	45.44	29.23		7.96	16.0	3.165	
1201	1/10/2013 0:15:51	9.64	45.94	29.60		7.97	18.4	3.105	
1202	1/10/2013 0:30:51	9.70	45.72	29.45		7.97	17.2	3.009	
1203	1/10/2013 0:45:51	9.63	45.57	29.34		7.96	16.1	2.943	
1204	1/10/2013 1:00:51	9.59	45.47	29.26		7.96	13.9	2.865	
1205	1/10/2013 1:15:51	9.50	45.14	29.02		7.95	13.6	2.791	
1206	1/10/2013 1:30:51	9.40	45.23	29.08		7.95	11.5	2.723	
1207	1/10/2013 1:45:51	9.33	44.51	28.56		7.95	17.3	2.638	
1208	1/10/2013 2:00:51	9.22	44.19	28.33		7.94	13.2	2.574	
1209	1/10/2013 2:15:50	9.16	43.75	28.01		7.94	14.1	2.491	
1210	1/10/2013 2:30:51	9.06	43.97	28.16		7.94	13.6	2.452	
1211	1/10/2013 2:45:51	9.07	43.86	28.09		7.94	12.2	2.384	
1212	1/10/2013 3:00:51	8.98	43.90	28.11		7.94	11.7	2.339	
1213	1/10/2013 3:15:51	8.99	43.45	27.79		7.93	11.4	2.314	
1214	1/10/2013 3:30:51	8.99	43.50	27.83		7.93	11.6	2.275	
1215	1/10/2013 3:45:51	9.08	43.85	28.08		7.93	10.8	2.267	
1216	1/10/2013 4:00:51	9.18	43.73	28.00		7.93	11.3	2.286	
1217	1/10/2013 4:15:51	9.13	43.80	28.05		7.93	11.2	2.318	
1218	1/10/2013 4:30:50	9.20	43.71	27.99		7.94	11.7	2.358	
1219	1/10/2013 4:45:51	9.22	44.14	28.30		7.94	12.5	2.392	
1220	1/10/2013 5:00:51	9.13	43.90	28.12		7.93	11.7	2.499	
1221	1/10/2013 5:15:50	9.26	44.06	28.24		7.94	16.1	2.575	
1222	1/10/2013 5:30:51	9.38	44.78	28.76		7.95	15.9	2.650	
1223	1/10/2013 5:45:51	9.30	44.66	28.67		7.95	14.0	2.744	
1224	1/10/2013 6:00:51	9.51	45.47	29.26		7.96	16.1	2.831	
1225	1/10/2013 6:15:51	9.52	45.54	29.31		7.96	16.6	2.919	
1226	1/10/2013 6:30:51	9.61	46.03	29.66		7.97	17.0	3.013	
1227	1/10/2013 6:45:51	9.69	46.28	29.85		7.97	17.3	3.097	
1228	1/10/2013 7:00:51	9.72	46.53	30.03		7.97	18.6	3.197	
1229	1/10/2013 7:15:51	9.72	46.55	30.04		7.98	22.3	3.294	
1230	1/10/2013 7:30:51	9.75	46.88	30.28		7.98	20.1	3.405	
1231	1/10/2013 7:45:51	9.75	47.16	30.48		7.99	19.4	3.507	

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1232	1/10/2013 8:00:51	9.83	47.53	30.75		7.99	16.8	3.626	
1233	1/10/2013 8:15:51	9.88	47.99	31.08		8.00	17.5	3.723	
1234	1/10/2013 8:30:51	9.93	48.00	31.09		8.00	16.2	3.810	
1235	1/10/2013 8:45:51	9.96	48.21	31.25		8.01	13.7	3.895	
1236	1/10/2013 9:00:50	9.98	48.27	31.29		8.01	12.9	3.987	
1237	1/10/2013 9:15:50	9.99	48.22	31.26		8.01	11.8	4.050	
1238	1/10/2013 9:30:51	10.01	48.45	31.43		8.01	11.5	4.100	
1239	1/10/2013 9:45:50	10.03	48.40	31.39		8.01	10.3	4.134	
1240	1/10/2013 10:00:51	10.04	48.70	31.61		8.01	9.2	4.176	
1241	1/10/2013 10:15:51	9.97	48.53	31.48		8.01	11.2	4.173	
1242	1/10/2013 10:30:51	10.02	48.72	31.62		8.01	10.6	4.151	
1243	1/10/2013 10:45:51	10.01	48.53	31.48		8.01	12.9	4.095	
1244	1/10/2013 11:00:51	10.01	48.04	31.13		8.00	10.4	4.029	
1245	1/10/2013 11:15:51	9.94	47.61	30.81		8.00	10.1	3.942	
1246	1/10/2013 11:30:51	9.94	47.44	30.69		7.99	9.5	3.812	
1247	1/10/2013 11:45:51	9.82	46.66	30.12		7.98	10.4	3.697	
1248	1/10/2013 12:00:51	9.79	46.63	30.10		7.98	11.9	3.569	
1249	1/10/2013 12:15:51	9.74	46.19	29.78		7.98	10.8	3.429	
1250	1/10/2013 12:30:51	9.53	45.28	29.13		7.96	15.6	3.283	
1251	1/10/2013 12:45:51	9.54	44.86	28.82		7.96	14.5	3.141	
1252	1/10/2013 13:00:51	9.62	45.12	29.01		7.97	12.2	2.994	
1253	1/10/2013 13:15:51	9.69	45.30	29.15		7.97	12.0	2.855	
1254	1/10/2013 13:30:51	9.69	45.32	29.16		7.97	11.9	2.683	
1255	1/10/2013 13:45:51	9.70	45.28	29.13		7.97	12.5	2.521	
1256	1/10/2013 14:00:51	9.69	44.84	28.82		7.98	13.8	2.376	
1257	1/10/2013 14:15:51	9.48	44.62	28.65		7.97	18.0	2.200	
1258	1/10/2013 14:30:51	9.44	44.59	28.63		7.96	18.9	2.027	
1259	1/10/2013 14:45:51	9.43	44.32	28.43		7.97	18.6	1.847	
1260	1/10/2013 15:00:51	9.40	43.96	28.18		7.97	18.9	1.668	
1261	1/10/2013 15:15:51	9.32	43.78	28.05		7.97	18.2	1.494	
1262	1/10/2013 15:30:51	9.26	43.61	27.92		7.97	21.9	1.310	
1263	1/10/2013 15:45:51	9.20	43.14	27.59		7.97	21.5	1.164	
1264	1/10/2013 16:00:51	9.17	43.06	27.53		7.97	22.5	1.032	
1265	1/10/2013 16:15:51	9.14	42.95	27.45		7.97	19.5	0.883	
1266	1/10/2013 16:30:51	9.18	43.25	27.67		7.97	19.2	0.867	
1267	1/10/2013 16:45:51	9.09	42.96	27.45		7.97	15.7	0.864	
1268	1/10/2013 17:00:51	9.08	42.84	27.37		7.97	13.7	0.903	
1269	1/10/2013 17:15:51	9.06	43.02	27.49		7.97	13.6	1.010	
1270	1/10/2013 17:30:51	9.06	42.70	27.27		7.96	14.2	1.128	
1271	1/10/2013 17:45:51	9.01	42.01	26.78		7.95	15.1	1.220	
1272	1/10/2013 18:00:51	9.04	42.22	26.93		7.96	13.4	1.283	
1273	1/10/2013 18:15:51	9.07	42.55	27.16		7.96	12.5	1.368	
1274	1/10/2013 18:30:51	9.10	42.58	27.18		7.95	12.8	1.418	
1275	1/10/2013 18:45:51	9.13	42.54	27.16		7.95	13.1	1.489	
1276	1/10/2013 19:00:51	9.16	42.44	27.09		7.95	13.7	1.613	
1277	1/10/2013 19:15:51	9.16	42.34	27.02		7.95	12.6	1.691	
1278	1/10/2013 19:30:51	9.19	42.45	27.10		7.94	12.3	1.805	
1279	1/10/2013 19:45:51	9.29	43.19	27.63		7.94	13.7	1.927	
1280	1/10/2013 20:00:51	9.36	43.63	27.94		7.94	16.4	2.051	
1281	1/10/2013 20:15:51	9.34	43.23	27.66		7.94	14.0	2.164	
1282	1/10/2013 20:30:51	9.40	43.81	28.07		7.94	17.7	2.299	
1283	1/10/2013 20:45:51	9.42	44.35	28.46		7.95	20.5	2.435	
1284	1/10/2013 21:00:51	9.44	44.53	28.59		7.95	20.0	2.553	
1285	1/10/2013 21:15:51	9.43	44.38	28.48		7.95	18.6	2.649	
1286	1/10/2013 21:30:51	9.40	44.82	28.79		7.95	24.4	2.757	
1287	1/10/2013 21:45:51	9.46	44.97	28.90		7.96	27.4	2.869	

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1288	1/10/2013 22:00:51	9.51	45.25	29.10		7.96	27.5	2.948	
1289	1/10/2013 22:15:51	9.60	45.81	29.51		7.97	29.1	3.042	
1290	1/10/2013 22:30:51	9.65	46.44	29.96		7.98	27.2	3.132	
1291	1/10/2013 22:45:51	9.70	46.86	30.26		7.98	24.2	3.182	
1292	1/10/2013 23:00:51	9.75	47.05	30.40		7.98	25.0	3.271	
1293	1/10/2013 23:15:51	9.80	47.35	30.62		7.99	20.1	3.335	
1294	1/10/2013 23:30:51	9.83	47.87	31.00		7.99	15.7	3.377	
1295	1/10/2013 23:45:51	9.85	47.92	31.03		7.99	14.0	3.397	
1296	1/11/2013 0:00:51	9.79	47.31	30.59		7.99	15.6	3.405	
1297	1/11/2013 0:15:51	9.86	48.17	31.21		7.99	15.8	3.416	
1298	1/11/2013 0:30:51	9.84	47.95	31.05		7.99	15.5	3.362	
1299	1/11/2013 0:45:51	9.42	46.12	29.71		7.97	18.2	3.322	
1300	1/11/2013 1:00:51	9.41	45.88	29.55		7.96	16.7	3.247	
1301	1/11/2013 1:15:51	9.42	45.96	29.60		7.96	16.2	3.149	
1302	1/11/2013 1:30:51	9.47	45.96	29.61		7.97	23.4	3.052	
1303	1/11/2013 1:45:51	9.30	45.62	29.35		7.96	13.7	2.972	
1304	1/11/2013 2:00:51	9.29	45.51	29.28		7.96	12.7	2.872	
1305	1/11/2013 2:15:51	9.27	45.53	29.29		7.95	12.3	2.808	
1306	1/11/2013 2:30:51	9.17	45.17	29.02		7.95	12.6	2.699	
1307	1/11/2013 2:45:51	9.07	45.06	28.94		7.95	12.9	2.640	
1308	1/11/2013 3:00:51	8.96	44.20	28.32		7.94	11.8	2.564	
1309	1/11/2013 3:15:51	8.92	44.04	28.20		7.94	11.3	2.484	
1310	1/11/2013 3:30:51	8.89	43.90	28.11		7.94	11.7	2.399	
1311	1/11/2013 3:45:51	8.83	43.80	28.03		7.94	11.0	2.339	
1312	1/11/2013 4:00:51	8.81	43.65	27.92		7.93	11.1	2.265	
1313	1/11/2013 4:15:51	8.82	43.52	27.83		7.93	10.5	2.254	
1314	1/11/2013 4:30:51	8.83	43.45	27.78		7.93	10.3	2.196	
1315	1/11/2013 4:45:51	8.83	43.50	27.82		7.93	9.7	2.195	
1316	1/11/2013 5:00:51	8.79	43.62	27.90		7.93	10.4	2.191	
1317	1/11/2013 5:15:51	8.84	43.53	27.84		7.93	9.6	2.232	
1318	1/11/2013 5:30:51	8.90	43.73	27.98		7.93	11.3	2.298	
1319	1/11/2013 5:45:51	8.97	43.96	28.15		7.94	11.8	2.345	
1320	1/11/2013 6:00:51	8.96	43.95	28.14		7.94	11.4	2.442	
1321	1/11/2013 6:15:51	9.06	44.28	28.39		7.94	13.3	2.521	
1322	1/11/2013 6:30:51	9.15	44.42	28.49		7.95	16.2	2.611	
1323	1/11/2013 6:45:51	9.13	44.48	28.53		7.95	13.2	2.702	
1324	1/11/2013 7:00:51	9.22	44.92	28.85		7.95	14.6	2.795	
1325	1/11/2013 7:15:51	9.32	45.46	29.24		7.96	19.0	2.887	
1326	1/11/2013 7:30:51	9.34	45.83	29.50		7.96	15.7	3.000	
1327	1/11/2013 7:45:51	9.43	46.18	29.76		7.97	17.1	3.080	
1328	1/11/2013 8:00:51	9.46	46.54	30.02		7.97	19.5	3.180	
1329	1/11/2013 8:15:51	9.51	46.75	30.17		7.97	20.8	3.310	
1330	1/11/2013 8:30:51	9.54	46.82	30.22		7.98	22.0	3.399	
1331	1/11/2013 8:45:50	9.58	47.24	30.52		7.98	21.1	3.517	
1332	1/11/2013 9:00:51	9.66	47.76	30.91		7.98	22.6	3.623	
1333	1/11/2013 9:15:51	9.72	48.19	31.22		7.99	22.3	3.747	
1334	1/11/2013 9:30:51	9.79	48.44	31.40		8.00	19.1	3.845	
1335	1/11/2013 9:45:51	9.84	48.68	31.57		8.00	16.7	3.935	
1336	1/11/2013 10:00:51	9.86	48.92	31.75		8.00	16.5	4.017	
1337	1/11/2013 10:15:51	9.89	48.83	31.69		8.00	15.6	4.085	
1338	1/11/2013 10:30:51	9.92	49.08	31.88		8.00	14.7	4.151	
	Mean	9.17	42.97	27.48		7.97	11.66	2.73	
	Minimum	7.65	36.65	23.04		7.89	5.50	0.86	
	Maximum	10.51	49.08	31.88		8.04	46.40	4.18	

DO probe malfunctioned (tear in membrane) resulting in low readings

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

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

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

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	1/11/2013 11:16:33	9.86	48.80	31.67	9.00	7.99	13.9	4.062	97.3
1	1/11/2013 11:31:33	9.91	49.06	31.86	8.88	7.99	13.3	4.031	96.3
2	1/11/2013 11:46:33	9.94	48.45	31.42	9.23	7.99	10.8	3.956	99.8
3	1/11/2013 12:01:33	9.96	48.38	31.37	9.21	8.00	11.4	3.855	99.6
4	1/11/2013 12:16:33	9.95	48.03	31.12	9.15	7.99	10.7	3.737	98.8
5	1/11/2013 12:31:33	9.87	47.28	30.57	9.14	7.98	9.5	3.616	98.1
6	1/11/2013 12:46:33	9.81	46.92	30.31	9.14	7.98	10.3	3.482	97.9
7	1/11/2013 13:01:33	9.79	46.84	30.26	9.13	7.97	10.7	3.356	97.7
8	1/11/2013 13:16:33	9.69	45.96	29.62	9.14	7.97	10.6	3.197	97.2
9	1/11/2013 13:31:33	9.73	45.95	29.61	9.14	7.97	10.7	3.051	97.3
10	1/11/2013 13:46:33	9.65	45.40	29.22	9.17	7.97	10.7	2.893	97.2
11	1/11/2013 14:01:33	9.57	45.29	29.14	9.16	7.96	11.5	2.746	96.9
12	1/11/2013 14:16:33	9.55	45.21	29.08	9.20	7.97	13.2	2.585	97.2
13	1/11/2013 14:31:33	9.62	45.27	29.12	9.18	7.97	13.6	2.435	97.2
14	1/11/2013 14:46:33	9.51	44.98	28.91	9.21	7.97	15.5	2.258	97.1
15	1/11/2013 15:01:33	9.45	44.70	28.71	9.26	7.98	16.6	2.070	97.3
16	1/11/2013 15:16:33	9.40	44.55	28.60	9.28	7.97	17.8	1.910	97.4
17	1/11/2013 15:31:33	9.39	44.24	28.37	9.41	7.98	20.2	1.723	98.6
18	1/11/2013 15:46:33	9.25	43.81	28.06	9.38	7.97	18.6	1.531	97.8
19	1/11/2013 16:01:33	9.22	43.65	27.95	9.36	7.97	17.0	1.359	97.4
20	1/11/2013 16:16:33	9.15	43.36	27.74	9.37	7.96	18.1	1.181	97.3
21	1/11/2013 16:31:33	9.13	43.31	27.70	9.36	7.96	20.3	0.979	97.1
22	1/11/2013 16:46:33	9.04	43.04	27.51	9.41	7.97	18.3	0.827	97.3
23	1/11/2013 17:01:33	8.91	42.70	27.26	9.49	7.97	16.4	0.708	97.7
24	1/11/2013 17:16:33	8.97	42.99	27.46	9.45	7.97	18.5	0.671	97.5
25	1/11/2013 17:31:33	8.91	42.68	27.24	9.50	7.97	12.9	0.662	97.7
26	1/11/2013 17:46:33	8.87	42.56	27.16	9.55	7.97	11.8	0.733	98.2
27	1/11/2013 18:01:33	8.88	42.68	27.24	9.54	7.97	11.3	0.847	98.1
28	1/11/2013 18:16:33	8.91	42.70	27.26	9.50	7.97	13.9	0.943	97.8
29	1/11/2013 18:31:33	8.89	42.06	26.81	9.49	7.96	12.5	1.059	97.4
30	1/11/2013 18:46:33	8.93	42.45	27.08	9.46	7.96	10.6	1.135	97.3
31	1/11/2013 19:01:33	8.92	42.27	26.96	9.43	7.96	10.4	1.196	96.9
32	1/11/2013 19:16:33	8.96	42.62	27.20	9.41	7.96	10.4	1.288	96.9
33	1/11/2013 19:31:33	8.98	42.48	27.11	9.41	7.96	10.8	1.366	96.8
34	1/11/2013 19:46:33	8.97	42.00	26.77	9.41	7.95	10.9	1.460	96.7
35	1/11/2013 20:01:33	9.05	42.47	27.10	9.37	7.95	11.1	1.560	96.6
36	1/11/2013 20:16:33	9.08	42.62	27.21	9.33	7.95	10.3	1.682	96.4
37	1/11/2013 20:31:33	9.17	43.03	27.51	9.24	7.94	12.9	1.804	95.8
38	1/11/2013 20:46:33	9.20	43.18	27.61	9.20	7.94	13.1	1.930	95.5
39	1/11/2013 21:01:33	9.29	44.05	28.24	9.12	7.94	15.7	2.069	95.2
40	1/11/2013 21:16:33	9.28	44.26	28.39	9.11	7.95	17.9	2.212	95.2
41	1/11/2013 21:31:33	9.30	44.33	28.43	9.11	7.95	20.5	2.340	95.3
42	1/11/2013 21:46:33	9.35	44.62	28.65	9.09	7.95	21.3	2.455	95.4
43	1/11/2013 22:01:33	9.24	44.43	28.51	9.13	7.95	21.6	2.576	95.4
44	1/11/2013 22:16:33	9.34	44.93	28.86	9.11	7.95	22.5	2.681	95.6
45	1/11/2013 22:31:33	9.35	45.17	29.04	9.12	7.95	24.2	2.790	95.9
46	1/11/2013 22:46:33	9.46	45.92	29.57	9.18	7.97	20.8	2.886	97.1
47	1/11/2013 23:01:33	9.52	46.46	29.97	9.22	7.97	21.9	2.965	97.8
48	1/11/2013 23:16:33	9.58	46.81	30.22	9.22	7.98	22.5	3.072	98.2
49	1/11/2013 23:31:33	9.68	47.20	30.51	9.23	7.99	20.7	3.150	98.7
50	1/11/2013 23:46:33	9.77	47.55	30.76	9.27	8.00	19.6	3.227	99.4
51	1/12/2013 0:01:33	9.82	47.75	30.91	9.28	8.00	17.6	3.295	99.7
52	1/12/2013 0:16:33	9.90	47.98	31.08	9.28	8.01	15.2	3.347	100.1

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
53	1/12/2013 0:31:33	9.94	48.14	31.20	9.26	8.01	12.9	3.386	100.0
54	1/12/2013 0:46:33	9.75	47.49	30.72	9.23	8.00	12.1	3.392	99.0
55	1/12/2013 1:01:33	9.94	48.15	31.20	9.24	8.01	12.9	3.391	99.8
56	1/12/2013 1:16:33	9.94	48.15	31.20	9.28	8.01	13.4	3.356	100.2
57	1/12/2013 1:31:33	9.30	46.47	29.96	9.10	7.97	17.9	3.276	96.1
58	1/12/2013 1:46:34	9.28	46.30	29.83	9.10	7.97	15.5	3.201	96.1
59	1/12/2013 2:01:33	9.25	46.04	29.65	9.14	7.97	14.9	3.107	96.2
60	1/12/2013 2:16:33	9.33	46.15	29.73	9.12	7.97	16.6	2.997	96.2
61	1/12/2013 2:31:34	9.24	46.03	29.64	9.10	7.96	13.9	2.894	95.9
62	1/12/2013 2:46:33	9.27	46.05	29.66	9.09	7.96	13.7	2.809	95.8
63	1/12/2013 3:01:33	9.19	45.81	29.48	9.10	7.96	12.1	2.715	95.6
64	1/12/2013 3:16:33	9.04	44.93	28.84	9.11	7.95	14.0	2.592	95.0
65	1/12/2013 3:31:33	9.01	45.01	28.90	9.09	7.95	12.1	2.511	94.8
66	1/12/2013 3:46:33	8.85	44.75	28.70	9.09	7.94	9.5	2.426	94.3
67	1/12/2013 4:01:33	8.78	44.47	28.50	9.10	7.94	9.2	2.350	94.1
68	1/12/2013 4:16:33	8.71	44.16	28.28	9.09	7.94	9.5	2.261	93.8
69	1/12/2013 4:31:33	8.63	44.02	28.17	9.09	7.94	9.8	2.164	93.5
70	1/12/2013 4:46:33	8.56	43.65	27.91	9.11	7.93	9.3	2.109	93.5
71	1/12/2013 5:01:34	8.52	43.44	27.75	9.10	7.94	8.7	2.063	93.2
72	1/12/2013 5:16:33	8.55	43.39	27.72	9.09	7.93	9.3	2.006	93.1
73	1/12/2013 5:31:33	8.42	43.11	27.51	9.10	7.93	8.5	1.998	92.7
74	1/12/2013 5:46:34	8.64	43.61	27.88	9.09	7.93	8.7	2.010	93.4
75	1/12/2013 6:01:33	8.57	43.58	27.86	9.11	7.93	8.6	2.030	93.4
76	1/12/2013 6:16:33	8.80	43.83	28.05	9.09	7.94	9.0	2.076	93.8
77	1/12/2013 6:31:34	8.71	43.74	27.98	9.09	7.94	9.1	2.148	93.6
78	1/12/2013 6:46:33	8.60	43.58	27.86	9.12	7.93	8.7	2.231	93.6
79	1/12/2013 7:01:33	8.71	43.78	28.01	9.09	7.93	10.2	2.323	93.6
80	1/12/2013 7:16:34	8.80	43.99	28.16	9.08	7.94	12.0	2.418	93.8
81	1/12/2013 7:31:33	8.90	44.46	28.50	9.09	7.94	13.1	2.509	94.3
82	1/12/2013 7:46:33	8.95	44.73	28.70	9.07	7.95	12.0	2.616	94.3
83	1/12/2013 8:01:34	9.11	45.37	29.16	9.11	7.96	13.9	2.700	95.4
84	1/12/2013 8:16:34	9.20	45.70	29.40	9.13	7.96	12.8	2.793	95.8
85	1/12/2013 8:31:34	9.23	45.87	29.52	9.13	7.97	15.2	2.900	96.0
86	1/12/2013 8:46:33	9.32	46.30	29.84	9.13	7.97	17.6	2.984	96.4
87	1/12/2013 9:01:34	9.36	46.47	29.96	9.12	7.98	18.7	3.097	96.4
88	1/12/2013 9:16:33	9.42	46.92	30.29	9.09	7.98	18.1	3.198	96.5
89	1/12/2013 9:31:33	9.44	47.21	30.50	9.05	7.98	17.8	3.301	96.2
90	1/12/2013 9:46:33	9.56	47.67	30.84	8.98	7.99	17.1	3.418	96.0
91	1/12/2013 10:01:33	9.67	48.13	31.17	8.89	7.99	21.9	3.530	95.4
92	1/12/2013 10:16:33	9.73	48.49	31.43	8.79	7.99	22.3	3.632	94.6
93	1/12/2013 10:31:33	9.76	48.74	31.61	8.69	7.99	22.5	3.731	93.8
94	1/12/2013 10:46:33	9.77	48.89	31.73	8.64	7.99	19.3	3.821	93.3
95	1/12/2013 11:01:33	9.79	49.00	31.80	8.58	7.99	20.2	3.891	92.7
96	1/12/2013 11:16:33	9.83	49.06	31.85	8.57	7.99	15.1	3.954	92.8
97	1/12/2013 11:31:33	9.84	49.11	31.89	8.52	7.99	13.5	4.004	92.2
98	1/12/2013 11:46:33	9.87	49.16	31.93	8.42	7.99	9.5	4.011	91.3
99	1/12/2013 12:01:33	9.84	49.05	31.84	8.51	7.99	12.5	4.019	92.1
100	1/12/2013 12:16:33	9.83	49.05	31.85	8.54	7.99	15.4	3.990	92.4
101	1/12/2013 12:31:33	9.85	49.10	31.88	8.51	7.99	14.8	3.913	92.1
102	1/12/2013 12:46:33	9.94	48.47	31.43	8.84	7.99	10.7	3.843	95.6
103	1/12/2013 13:01:33	9.92	48.22	31.25	8.85	7.99	10.6	3.731	95.6
104	1/12/2013 13:16:33	9.89	47.91	31.02	8.89	7.99	10.5	3.604	95.8
105	1/12/2013 13:31:33	9.78	47.39	30.65	8.97	7.98	10.7	3.486	96.2

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
106	1/12/2013 13:46:33	9.70	46.77	30.20	9.03	7.98	10.8	3.344	96.4
107	1/12/2013 14:01:33	9.71	46.89	30.28	9.05	7.98	10.9	3.196	96.7
108	1/12/2013 14:16:33	9.65	46.63	30.09	9.11	7.98	11.5	3.053	97.1
109	1/12/2013 14:31:33	9.60	46.10	29.71	9.17	7.98	11.6	2.898	97.3
110	1/12/2013 14:46:33	9.56	46.03	29.66	9.17	7.98	12.8	2.756	97.2
111	1/12/2013 15:01:33	9.45	45.68	29.41	9.21	7.97	13.6	2.612	97.3
112	1/12/2013 15:16:33	9.44	45.59	29.34	9.25	7.98	15.8	2.425	97.6
113	1/12/2013 15:31:33	9.28	45.40	29.20	9.29	7.97	17.2	2.256	97.6
114	1/12/2013 15:46:33	9.14	44.97	28.88	9.37	7.98	16.5	2.084	98.0
115	1/12/2013 16:01:33	9.09	44.93	28.84	9.51	8.00	18.7	1.901	99.2
116	1/12/2013 16:16:33	8.98	44.38	28.45	9.50	7.99	20.1	1.726	98.7
117	1/12/2013 16:31:33	8.90	44.08	28.23	9.46	7.98	19.9	1.537	98.0
118	1/12/2013 16:46:33	8.85	43.86	28.07	9.45	7.97	20.7	1.348	97.6
119	1/12/2013 17:01:33	8.81	43.71	27.96	9.43	7.96	21.5	1.167	97.3
120	1/12/2013 17:16:34	8.79	43.69	27.95	9.41	7.96	20.3	0.994	97.0
121	1/12/2013 17:31:33	8.69	43.46	27.78	9.44	7.96	19.6	0.835	97.0
122	1/12/2013 17:46:33	8.53	43.12	27.53	9.50	7.96	17.7	0.727	97.1
123	1/12/2013 18:01:33	8.35	42.75	27.26	9.57	7.97	14.9	0.683	97.2
124	1/12/2013 18:16:34	8.45	43.00	27.44	9.53	7.96	14.2	0.698	97.1
125	1/12/2013 18:31:34	8.39	42.95	27.40	9.57	7.97	13.0	0.780	97.4
126	1/12/2013 18:46:33	8.42	42.97	27.42	9.56	7.96	12.5	0.899	97.4
127	1/12/2013 19:01:34	8.48	43.02	27.45	9.50	7.96	11.7	0.993	96.9
128	1/12/2013 19:16:33	8.45	42.62	27.17	9.51	7.96	11.7	1.098	96.8
129	1/12/2013 19:31:34	8.48	42.66	27.21	9.51	7.96	11.1	1.168	96.9
130	1/12/2013 19:46:33	8.52	42.53	27.12	9.49	7.95	11.2	1.222	96.7
131	1/12/2013 20:01:34	8.58	42.87	27.36	9.44	7.96	10.5	1.310	96.5
132	1/12/2013 20:16:33	8.61	42.74	27.27	9.46	7.95	11.5	1.418	96.7
133	1/12/2013 20:31:34	8.64	42.79	27.31	9.44	7.95	11.0	1.496	96.6
134	1/12/2013 20:46:33	8.66	42.69	27.24	9.45	7.95	10.9	1.616	96.7
135	1/12/2013 21:01:33	8.73	42.84	27.34	9.41	7.95	11.8	1.734	96.5
136	1/12/2013 21:16:34	8.82	43.18	27.59	9.34	7.95	11.4	1.847	96.1
137	1/12/2013 21:31:34	8.91	43.53	27.85	9.28	7.95	12.9	1.998	95.9
138	1/12/2013 21:46:33	9.02	44.34	28.42	9.21	7.95	16.8	2.127	95.7
139	1/12/2013 22:01:33	9.01	44.43	28.49	9.20	7.95	18.4	2.264	95.6
140	1/12/2013 22:16:34	9.08	44.77	28.73	9.18	7.95	21.4	2.395	95.8
141	1/12/2013 22:31:33	9.05	44.85	28.79	9.18	7.95	22.3	2.517	95.8
142	1/12/2013 22:46:33	9.09	45.13	28.99	9.15	7.96	21.9	2.639	95.6
143	1/12/2013 23:01:33	9.16	45.50	29.26	9.11	7.96	26.8	2.744	95.5
144	1/12/2013 23:16:34	9.25	46.30	29.83	9.07	7.97	21.5	2.852	95.6
145	1/12/2013 23:31:34	9.32	46.88	30.25	9.02	7.98	20.3	2.954	95.5
146	1/12/2013 23:46:34	9.35	47.16	30.46	8.98	7.98	21.1	3.042	95.3
147	1/13/2013 0:01:33	9.41	47.42	30.64	8.94	7.98	22.0	3.140	95.1
148	1/13/2013 0:16:33	9.47	47.71	30.86	8.91	7.98	19.0	3.227	95.0
149	1/13/2013 0:31:33	9.54	48.05	31.10	8.80	7.99	20.1	3.302	94.2
150	1/13/2013 0:46:34	9.63	48.65	31.54	8.50	7.98	19.2	3.382	91.4
151	1/13/2013 1:01:34	9.66	48.97	31.77	8.31	7.98	16.2	3.433	89.5
152	1/13/2013 1:16:34	9.68	49.21	31.95	8.10	7.97	13.1	3.463	87.4
153	1/13/2013 1:31:33	9.64	48.98	31.78	8.13	7.97	11.8	3.464	87.6
154	1/13/2013 1:46:33	9.67	49.27	31.99	8.00	7.97	14.4	3.462	86.3
155	1/13/2013 2:01:33	8.97	47.02	30.33	8.50	7.98	13.1	3.422	89.3
156	1/13/2013 2:16:34	9.33	47.78	30.89	8.57	7.97	18.4	3.323	91.2
157	1/13/2013 2:31:34	9.17	47.18	30.46	8.77	7.97	18.3	3.248	92.7
158	1/13/2013 2:46:33	9.07	46.85	30.21	8.94	7.96	17.2	3.156	94.1

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
159	1/13/2013 3:01:33	8.95	46.48	29.94	8.98	7.96	14.5	3.044	94.1
160	1/13/2013 3:16:33	8.97	46.55	29.99	8.97	7.96	13.6	2.933	94.1
161	1/13/2013 3:31:33	8.83	45.98	29.57	9.02	7.96	11.9	2.818	94.0
162	1/13/2013 3:46:33	8.82	46.16	29.70	9.01	7.96	11.8	2.733	94.0
163	1/13/2013 4:01:34	8.69	45.52	29.24	9.07	7.96	13.6	2.629	94.1
164	1/13/2013 4:16:34	8.63	46.08	29.63	9.03	7.95	10.0	2.515	93.8
165	1/13/2013 4:31:33	8.46	45.43	29.16	9.08	7.95	10.6	2.432	93.6
166	1/13/2013 4:46:33	8.27	44.97	28.82	9.11	7.94	9.8	2.340	93.4
167	1/13/2013 5:01:33	8.06	44.25	28.29	9.17	7.94	9.3	2.247	93.2
168	1/13/2013 5:16:33	7.97	44.27	28.30	9.19	7.93	9.2	2.170	93.2
169	1/13/2013 5:31:33	7.82	43.85	27.99	9.21	7.93	9.2	2.073	92.9
170	1/13/2013 5:46:33	7.80	43.62	27.83	9.24	7.93	9.9	2.026	93.0
171	1/13/2013 6:01:33	7.75	43.57	27.79	9.23	7.93	10.5	1.959	92.8
172	1/13/2013 6:16:33	7.79	43.53	27.77	9.21	7.93	10.1	1.922	92.7
173	1/13/2013 6:31:33	7.84	43.64	27.85	9.18	7.93	9.5	1.926	92.5
174	1/13/2013 6:46:33	8.02	43.85	28.01	9.18	7.93	9.5	1.926	93.1
175	1/13/2013 7:01:34	7.87	43.79	27.95	9.21	7.93	10.1	1.978	92.9
176	1/13/2013 7:16:33	7.83	43.66	27.86	9.23	7.93	9.1	2.012	93.0
177	1/13/2013 7:31:34	8.00	43.91	28.05	9.19	7.93	9.3	2.106	93.2
178	1/13/2013 7:46:34	7.85	43.49	27.74	9.24	7.93	9.1	2.201	93.2
179	1/13/2013 8:01:33	7.92	43.60	27.82	9.22	7.93	9.9	2.291	93.1
180	1/13/2013 8:16:33	8.14	44.13	28.22	9.17	7.93	11.5	2.392	93.3
181	1/13/2013 8:31:33	8.22	44.54	28.51	9.14	7.94	11.1	2.496	93.3
182	1/13/2013 8:46:33	8.62	45.42	29.16	9.05	7.95	13.1	2.591	93.7
183	1/13/2013 9:01:33	8.68	45.64	29.32	9.06	7.95	12.3	2.681	94.0
184	1/13/2013 9:16:34	8.78	45.96	29.56	9.04	7.96	12.4	2.776	94.2
185	1/13/2013 9:31:34	8.78	46.07	29.64	9.04	7.96	13.3	2.873	94.2
186	1/13/2013 9:46:33	8.90	46.51	29.96	8.92	7.96	16.6	2.959	93.4
187	1/13/2013 10:01:33	8.92	46.77	30.14	8.84	7.96	17.2	3.061	92.7
188	1/13/2013 10:16:33	8.98	47.24	30.49	8.72	7.96	16.7	3.156	91.8
189	1/13/2013 10:31:33	9.01	47.50	30.68	8.63	7.96	16.1	3.259	91.0
190	1/13/2013 10:46:33	9.15	47.97	31.02	8.50	7.96	16.7	3.359	90.1
191	1/13/2013 11:01:33	9.24	48.31	31.27	8.43	7.96	18.1	3.452	89.6
192	1/13/2013 11:16:34	9.33	48.78	31.62	8.35	7.96	19.0	3.550	89.2
193	1/13/2013 11:31:33	9.39	49.00	31.77	8.28	7.96	17.5	3.634	88.6
194	1/13/2013 11:46:33	9.42	49.12	31.86	8.21	7.96	16.4	3.712	88.1
195	1/13/2013 12:01:33	9.47	49.23	31.95	8.21	7.96	14.1	3.768	88.1
196	1/13/2013 12:16:33	9.48	49.32	32.02	8.14	7.96	13.7	3.833	87.5
197	1/13/2013 12:31:33	9.50	49.43	32.10	8.04	7.96	9.6	3.859	86.5
198	1/13/2013 12:46:33	9.44	49.11	31.86	8.17	7.96	11.2	3.864	87.6
199	1/13/2013 13:01:33	9.48	49.28	31.99	8.14	7.96	15.0	3.843	87.4
200	1/13/2013 13:16:33	9.51	49.43	32.10	8.05	7.96	12.8	3.809	86.6
201	1/13/2013 13:31:33	9.51	49.13	31.88	8.22	7.96	13.5	3.720	88.3
202	1/13/2013 13:46:34	9.52	48.73	31.59	8.39	7.97	14.3	3.623	89.9
203	1/13/2013 14:01:33	9.56	48.55	31.46	8.46	7.97	14.8	3.514	90.8
204	1/13/2013 14:16:33	9.42	48.24	31.23	8.54	7.96	14.3	3.394	91.1
205	1/13/2013 14:31:33	9.30	47.73	30.86	8.68	7.96	15.8	3.273	92.2
206	1/13/2013 14:46:34	9.23	47.23	30.50	8.80	7.97	15.7	3.106	93.2
207	1/13/2013 15:01:33	9.22	47.47	30.67	8.82	7.97	20.0	2.987	93.4
208	1/13/2013 15:16:33	9.09	46.62	30.05	8.90	7.97	22.0	2.855	93.6
209	1/13/2013 15:31:34	9.21	47.20	30.47	8.94	7.97	23.7	2.715	94.6
210	1/13/2013 15:46:33	8.99	46.06	29.65	9.17	7.97	25.6	2.547	96.0
211	1/13/2013 16:01:33	8.97	46.33	29.84	9.18	7.97	31.1	2.400	96.2

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
212	1/13/2013 16:16:33	8.85	45.70	29.38	9.33	7.98	32.6	2.234	97.2
213	1/13/2013 16:31:34	8.69	45.29	29.07	9.42	7.98	35.8	2.090	97.6
214	1/13/2013 16:46:33	8.57	45.00	28.86	9.47	7.97	39.4	1.900	97.7
215	1/13/2013 17:01:34	8.43	44.80	28.71	9.56	7.98	42.1	1.712	98.2
216	1/13/2013 17:16:34	8.36	44.55	28.53	9.55	7.97	42.8	1.568	97.8
217	1/13/2013 17:31:33	8.32	44.25	28.31	9.55	7.96	39.9	1.380	97.7
218	1/13/2013 17:46:33	8.18	43.95	28.09	9.59	7.96	35.9	1.197	97.6
219	1/13/2013 18:01:34	8.08	43.81	27.98	9.60	7.96	31.6	1.055	97.4
220	1/13/2013 18:16:34	7.87	43.52	27.76	9.65	7.96	29.1	0.913	97.3
221	1/13/2013 18:31:34	7.76	43.34	27.63	9.63	7.95	22.1	0.815	96.8
222	1/13/2013 18:46:33	7.82	43.49	27.74	9.62	7.95	24.9	0.791	96.9
223	1/13/2013 19:01:33	7.78	43.42	27.69	9.65	7.95	20.9	0.789	97.1
224	1/13/2013 19:16:33	7.79	43.43	27.69	9.68	7.95	19.8	0.864	97.4
225	1/13/2013 19:31:33	7.87	43.51	27.76	9.67	7.95	17.9	0.980	97.5
226	1/13/2013 19:46:33	7.91	43.52	27.77	9.67	7.96	17.4	1.063	97.6
227	1/13/2013 20:01:33	7.83	42.96	27.37	9.67	7.95	15.7	1.163	97.2
228	1/13/2013 20:16:33	7.83	42.71	27.19	9.69	7.95	15.8	1.241	97.3
229	1/13/2013 20:31:34	7.91	42.88	27.32	9.67	7.95	16.3	1.320	97.3
230	1/13/2013 20:46:33	7.98	43.03	27.43	9.65	7.95	16.5	1.412	97.4
231	1/13/2013 21:01:34	8.02	43.11	27.49	9.63	7.95	16.1	1.503	97.2
232	1/13/2013 21:16:33	8.01	42.84	27.29	9.63	7.95	15.4	1.598	97.1
233	1/13/2013 21:31:34	8.07	42.99	27.40	9.60	7.95	15.8	1.709	97.0
234	1/13/2013 21:46:34	8.12	43.02	27.43	9.54	7.94	15.7	1.828	96.5
235	1/13/2013 22:01:34	8.38	44.09	28.20	9.35	7.95	15.7	1.955	95.7
236	1/13/2013 22:16:33	8.45	44.39	28.42	9.31	7.95	20.6	2.086	95.5
237	1/13/2013 22:31:33	8.45	44.59	28.56	9.28	7.94	22.0	2.219	95.3
238	1/13/2013 22:46:33	8.50	44.94	28.82	9.25	7.95	26.2	2.343	95.3
239	1/13/2013 23:01:33	8.56	45.20	29.01	9.19	7.95	31.9	2.480	94.9
240	1/13/2013 23:16:33	8.58	45.41	29.16	9.14	7.95	27.2	2.593	94.5
241	1/13/2013 23:31:33	8.69	45.82	29.45	9.06	7.95	31.8	2.710	94.1
242	1/13/2013 23:46:33	8.76	46.13	29.67	9.00	7.95	29.5	2.816	93.8
243	1/14/2013 0:01:33	8.84	46.75	30.12	8.99	7.95	26.5	2.915	94.1
244	1/14/2013 0:16:34	8.95	47.47	30.65	9.01	7.96	22.5	3.017	94.8
245	1/14/2013 0:31:33	9.01	47.78	30.88	8.98	7.97	23.4	3.106	94.9
246	1/14/2013 0:46:33	9.09	48.13	31.13	8.96	7.97	19.3	3.192	95.0
247	1/14/2013 1:01:33	9.17	48.43	31.35	8.93	7.98	20.1	3.284	94.9
248	1/14/2013 1:16:33	9.21	48.68	31.54	8.79	7.97	17.2	3.349	93.6
249	1/14/2013 1:31:33	9.25	48.97	31.74	8.61	7.97	14.8	3.421	92.0
250	1/14/2013 1:46:33	9.29	49.16	31.88	8.45	7.96	13.5	3.458	90.4
251	1/14/2013 2:01:34	9.29	49.24	31.94	8.37	7.96	9.1	3.483	89.5
252	1/14/2013 2:16:33	9.29	49.25	31.95	8.38	7.96	12.5	3.489	89.6
253	1/14/2013 2:31:34	9.28	49.29	31.98	8.35	7.96	12.1	3.471	89.3
254	1/14/2013 2:46:34	8.69	47.73	30.81	8.85	7.96	14.3	3.401	92.7
255	1/14/2013 3:01:33	8.89	48.10	31.10	8.75	7.96	17.1	3.329	92.2
256	1/14/2013 3:16:34	8.55	47.24	30.45	8.99	7.96	16.1	3.244	93.7
257	1/14/2013 3:31:33	8.49	46.91	30.21	9.00	7.95	14.8	3.126	93.5
258	1/14/2013 3:46:33	8.54	46.93	30.23	8.99	7.95	14.4	3.013	93.6
259	1/14/2013 4:01:34	8.51	46.90	30.20	8.99	7.96	12.4	2.927	93.5
260	1/14/2013 4:16:33	8.48	46.76	30.11	8.99	7.95	11.6	2.813	93.3
261	1/14/2013 4:31:33	8.41	46.56	29.96	9.03	7.95	11.4	2.703	93.5
262	1/14/2013 4:46:33	8.14	45.79	29.39	9.14	7.94	12.2	2.610	93.7
263	1/14/2013 5:01:34	7.91	45.17	28.93	9.21	7.94	11.5	2.507	93.7
264	1/14/2013 5:16:34	7.78	44.90	28.73	9.24	7.94	10.7	2.412	93.6

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	1/14/2013 5:31:33	7.71	45.16	28.91	9.21	7.93	9.8	2.299	93.2
266	1/14/2013 5:46:34	7.51	44.43	28.38	9.29	7.93	10.1	2.214	93.3
267	1/14/2013 6:01:34	7.36	44.37	28.32	9.31	7.93	10.4	2.133	93.1
268	1/14/2013 6:16:33	7.28	44.08	28.11	9.35	7.92	11.1	2.038	93.2
269	1/14/2013 6:31:34	7.18	44.04	28.07	9.36	7.92	11.4	1.948	93.0
270	1/14/2013 6:46:34	7.10	43.80	27.90	9.38	7.92	11.3	1.902	93.0
271	1/14/2013 7:01:34	7.17	43.82	27.92	9.37	7.92	11.4	1.855	93.1
272	1/14/2013 7:16:34	7.00	43.57	27.73	9.40	7.92	11.1	1.836	92.9
273	1/14/2013 7:31:34	7.33	44.12	28.14	9.33	7.92	10.4	1.845	93.1
274	1/14/2013 7:46:33	7.38	44.15	28.17	9.33	7.92	10.7	1.875	93.3
275	1/14/2013 8:01:33	7.52	44.27	28.26	9.28	7.93	10.6	1.914	93.2
276	1/14/2013 8:16:33	7.30	44.08	28.11	9.33	7.92	10.0	2.009	93.0
277	1/14/2013 8:31:34	7.32	43.96	28.03	9.34	7.92	11.2	2.085	93.1
278	1/14/2013 8:46:33	7.33	43.94	28.02	9.34	7.92	10.1	2.175	93.1
279	1/14/2013 9:01:33	7.39	43.95	28.03	9.32	7.92	11.0	2.279	93.1
280	1/14/2013 9:16:34	7.64	44.51	28.45	9.22	7.93	13.0	2.369	92.9
281	1/14/2013 9:31:34	7.66	44.68	28.57	9.24	7.93	10.6	2.468	93.2
282	1/14/2013 9:46:34	8.13	45.73	29.35	9.08	7.94	13.2	2.555	93.0
283	1/14/2013 10:01:34	8.24	45.94	29.50	9.10	7.95	12.0	2.640	93.6
284	1/14/2013 10:16:34	8.31	46.11	29.63	9.09	7.95	10.9	2.738	93.8
285	1/14/2013 10:31:34	8.34	46.25	29.73	9.09	7.95	12.3	2.818	93.8
286	1/14/2013 10:46:34	8.42	46.54	29.94	9.04	7.95	13.5	2.895	93.6
287	1/14/2013 11:01:34	8.52	46.90	30.21	8.98	7.95	15.7	2.992	93.4
288	1/14/2013 11:16:33	8.57	47.13	30.37	8.93	7.95	17.5	3.074	93.1
289	1/14/2013 11:31:33	8.63	47.41	30.58	8.86	7.95	16.2	3.157	92.6
290	1/14/2013 11:46:33	8.73	47.80	30.87	8.76	7.95	14.4	3.255	91.9
291	1/14/2013 12:01:34	8.83	48.17	31.14	8.64	7.95	15.6	3.332	91.0
292	1/14/2013 12:16:34	8.90	48.54	31.41	8.51	7.95	17.9	3.428	89.9
293	1/14/2013 12:31:34	8.97	48.89	31.67	8.35	7.94	18.6	3.508	88.5
294	1/14/2013 12:46:33	9.04	49.18	31.88	8.20	7.94	16.3	3.570	87.1
295	1/14/2013 13:01:33	9.06	49.27	31.95	8.13	7.94	13.4	3.615	86.5
296	1/14/2013 13:16:33	9.08	49.30	31.97	8.06	7.93	9.2	3.667	85.8
297	1/14/2013 13:31:33	9.03	49.14	31.85	8.16	7.94	8.9	3.680	86.7
298	1/14/2013 13:46:33	9.07	49.27	31.95	8.11	7.93	11.2	3.666	86.3
299	1/14/2013 14:01:33	9.09	49.37	32.02	8.07	7.93	12.9	3.637	86.0
300	1/14/2013 14:16:33	9.11	48.25	31.22	8.67	7.96	11.5	3.570	91.9
301	1/14/2013 14:31:33	9.11	48.27	31.23	8.75	7.96	9.6	3.491	92.8
302	1/14/2013 14:46:33	9.13	48.26	31.23	8.67	7.95	12.3	3.390	92.0
303	1/14/2013 15:01:33	9.00	48.02	31.04	8.70	7.95	12.6	3.269	92.0
304	1/14/2013 15:16:33	8.88	47.62	30.75	8.82	7.96	13.7	3.151	92.8
305	1/14/2013 15:31:33	8.83	47.42	30.60	8.94	7.96	17.3	3.024	93.9
306	1/14/2013 15:46:34	8.82	47.47	30.64	8.97	7.96	18.3	2.907	94.1
307	1/14/2013 16:01:33	8.76	46.81	30.16	9.08	7.96	16.9	2.771	94.9
308	1/14/2013 16:16:33	8.63	46.47	29.91	9.20	7.96	15.2	2.625	95.8
309	1/14/2013 16:31:34	8.62	46.54	29.96	9.27	7.96	14.6	2.507	96.4
310	1/14/2013 16:46:33	8.40	45.66	29.32	9.48	7.97	15.7	2.372	97.7
311	1/14/2013 17:01:33	8.33	45.46	29.17	9.60	7.97	15.7	2.216	98.7
312	1/14/2013 17:16:33	8.24	45.36	29.09	9.61	7.98	15.9	2.052	98.6
313	1/14/2013 17:31:33	8.17	45.10	28.90	9.63	7.98	16.4	1.915	98.5
314	1/14/2013 17:46:33	8.08	44.95	28.79	9.73	7.99	15.4	1.760	99.2
315	1/14/2013 18:01:34	7.99	44.69	28.60	9.77	7.98	15.9	1.591	99.3
316	1/14/2013 18:16:33	7.92	44.39	28.38	9.82	7.98	14.6	1.440	99.5
317	1/14/2013 18:31:33	7.81	44.17	28.22	9.86	7.98	14.5	1.308	99.6

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
318	1/14/2013 18:46:34	7.71	43.98	28.07	9.90	7.97	14.0	1.187	99.7
319	1/14/2013 19:01:33	7.61	43.86	27.99	9.91	7.97	14.5	1.070	99.5
320	1/14/2013 19:16:34	7.43	43.66	27.83	9.96	7.98	15.0	1.019	99.5
321	1/14/2013 19:31:33	7.58	43.82	27.95	9.94	7.97	15.0	1.005	99.7
322	1/14/2013 19:46:33	7.61	43.90	28.01	9.93	7.97	12.8	1.035	99.7
323	1/14/2013 20:01:33	7.67	43.93	28.04	9.91	7.97	10.9	1.108	99.7
324	1/14/2013 20:16:33	7.68	43.98	28.08	9.89	7.97	10.2	1.204	99.5
325	1/14/2013 20:31:34	7.61	43.72	27.89	9.92	7.97	9.7	1.288	99.5
326	1/14/2013 20:46:34	7.52	43.12	27.46	9.94	7.96	10.6	1.373	99.3
327	1/14/2013 21:01:33	7.62	43.18	27.51	9.92	7.96	10.6	1.447	99.3
328	1/14/2013 21:16:34	7.58	42.97	27.36	9.93	7.96	10.1	1.520	99.2
329	1/14/2013 21:31:34	7.69	43.36	27.64	9.88	7.96	10.3	1.604	99.1
330	1/14/2013 21:46:34	7.72	43.41	27.68	9.86	7.96	10.4	1.708	99.1
331	1/14/2013 22:01:34	7.74	43.43	27.69	9.85	7.96	10.4	1.782	99.0
332	1/14/2013 22:16:33	7.88	43.90	28.04	9.70	7.95	10.9	1.902	98.0
333	1/14/2013 22:31:34	8.01	44.34	28.35	9.54	7.95	11.0	2.008	96.9
334	1/14/2013 22:46:34	8.14	44.93	28.78	9.40	7.95	12.4	2.126	96.1
335	1/14/2013 23:01:34	8.18	45.08	28.89	9.36	7.95	13.2	2.259	95.7
336	1/14/2013 23:16:34	8.17	45.25	29.01	9.37	7.95	14.0	2.371	95.9
337	1/14/2013 23:31:34	8.21	45.39	29.11	9.35	7.95	14.5	2.497	95.8
338	1/14/2013 23:46:34	8.27	45.70	29.33	9.27	7.95	16.5	2.602	95.3
339	1/15/2013 0:01:34	8.34	45.99	29.55	9.20	7.95	16.1	2.714	94.8
340	1/15/2013 0:16:33	8.44	46.33	29.79	9.11	7.94	20.3	2.827	94.3
341	1/15/2013 0:31:33	8.50	46.61	30.00	9.06	7.94	19.4	2.912	94.0
342	1/15/2013 0:46:34	8.64	47.49	30.64	8.87	7.94	17.7	3.017	92.8
343	1/15/2013 1:01:34	8.73	48.02	31.02	8.75	7.95	18.3	3.111	91.8
344	1/15/2013 1:16:34	8.81	48.31	31.24	8.69	7.95	18.4	3.202	91.5
345	1/15/2013 1:31:34	8.83	48.44	31.33	8.64	7.95	21.0	3.290	91.2
346	1/15/2013 1:46:33	8.86	48.59	31.45	8.60	7.95	17.6	3.372	90.8
347	1/15/2013 2:01:33	8.98	48.96	31.72	8.58	7.95	14.5	3.444	91.1
348	1/15/2013 2:16:33	9.06	49.15	31.86	8.55	7.95	12.6	3.503	91.0
349	1/15/2013 2:31:33	9.14	49.32	31.99	8.53	7.95	10.6	3.548	91.0
350	1/15/2013 2:46:33	9.16	49.37	32.02	8.47	7.95	7.6	3.575	90.4
351	1/15/2013 3:01:34	9.14	49.33	31.99	8.51	7.96	10.4	3.563	90.8
352	1/15/2013 3:16:34	9.16	49.38	32.03	8.54	7.96	11.7	3.520	91.1
353	1/15/2013 3:31:34	8.59	48.15	31.11	8.70	7.95	13.6	3.469	91.2
354	1/15/2013 3:46:33	8.71	48.31	31.23	8.65	7.94	14.9	3.392	90.9
355	1/15/2013 4:01:33	8.31	47.62	30.71	8.83	7.94	12.5	3.295	91.6
356	1/15/2013 4:16:33	8.29	47.27	30.45	8.89	7.94	10.8	3.179	92.1
357	1/15/2013 4:31:34	8.36	47.46	30.59	8.84	7.94	10.1	3.071	91.8
358	1/15/2013 4:46:34	8.32	47.20	30.41	8.86	7.94	9.8	2.967	91.8
359	1/15/2013 5:01:34	8.30	47.15	30.37	8.88	7.94	9.4	2.860	91.9
360	1/15/2013 5:16:34	8.10	46.63	29.98	9.03	7.94	10.5	2.755	92.9
361	1/15/2013 5:31:34	7.97	46.22	29.68	9.07	7.94	10.3	2.651	92.9
362	1/15/2013 5:46:34	7.90	46.66	29.99	9.06	7.93	7.8	2.551	92.7
363	1/15/2013 6:01:34	7.77	46.54	29.89	9.12	7.93	7.9	2.449	93.0
364	1/15/2013 6:16:34	7.50	45.13	28.87	9.28	7.94	8.4	2.353	93.5
365	1/15/2013 6:31:34	7.32	45.25	28.94	9.30	7.93	8.3	2.254	93.3
366	1/15/2013 6:46:34	7.11	44.60	28.46	9.46	7.93	8.7	2.157	94.2
367	1/15/2013 7:01:34	7.05	44.62	28.47	9.44	7.93	8.4	2.068	93.9
368	1/15/2013 7:16:34	7.00	44.29	28.23	9.50	7.93	8.3	2.008	94.1
369	1/15/2013 7:31:34	7.00	44.31	28.25	9.49	7.93	9.2	1.910	94.0
370	1/15/2013 7:46:34	7.00	44.29	28.23	9.48	7.93	8.9	1.887	94.0

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	1/15/2013 8:01:34	6.85	44.04	28.05	9.54	7.92	8.5	1.872	94.1
372	1/15/2013 8:16:34	7.03	44.40	28.32	9.46	7.93	8.4	1.852	93.9
373	1/15/2013 8:31:34	7.13	44.48	28.38	9.45	7.93	9.5	1.890	94.1
374	1/15/2013 8:46:34	7.19	44.54	28.43	9.46	7.93	8.9	1.914	94.3
375	1/15/2013 9:01:34	7.12	44.56	28.44	9.45	7.92	9.0	1.993	94.0
376	1/15/2013 9:16:34	7.20	44.61	28.48	9.46	7.93	8.5	2.063	94.4
377	1/15/2013 9:31:34	7.06	44.28	28.24	9.50	7.92	8.2	2.141	94.3
378	1/15/2013 9:46:34	7.08	44.25	28.21	9.49	7.92	8.3	2.227	94.2
379	1/15/2013 10:01:34	7.22	44.49	28.40	9.43	7.93	8.5	2.316	94.1
380	1/15/2013 10:16:34	7.62	45.35	29.04	9.25	7.93	10.6	2.401	93.5
381	1/15/2013 10:31:34	7.58	45.25	28.96	9.29	7.93	8.5	2.474	93.8
382	1/15/2013 10:46:34	7.89	46.01	29.53	9.14	7.94	9.2	2.560	93.2
383	1/15/2013 11:01:34	8.00	46.17	29.65	9.10	7.94	9.4	2.636	93.1
384	1/15/2013 11:16:34	8.12	46.42	29.84	9.08	7.94	8.9	2.710	93.4
385	1/15/2013 11:31:34	8.17	46.57	29.95	9.06	7.94	9.7	2.792	93.3
386	1/15/2013 11:46:34	8.19	46.68	30.02	9.04	7.94	10.1	2.853	93.2
387	1/15/2013 12:01:34	8.30	46.94	30.22	9.00	7.94	11.2	2.940	93.1
388	1/15/2013 12:16:34	8.38	47.16	30.38	8.96	7.94	11.3	3.011	93.0
389	1/15/2013 12:31:34	8.47	47.38	30.54	8.91	7.94	11.4	3.082	92.8
390	1/15/2013 12:46:34	8.55	47.62	30.73	8.89	7.95	11.2	3.160	92.8
391	1/15/2013 13:01:33	8.60	47.78	30.85	8.86	7.94	11.2	3.220	92.7
392	1/15/2013 13:16:34	8.71	48.07	31.06	8.80	7.95	10.6	3.298	92.4
393	1/15/2013 13:31:33	8.75	48.19	31.15	8.76	7.95	10.9	3.364	92.1
394	1/15/2013 13:46:34	8.80	48.43	31.32	8.67	7.95	11.0	3.407	91.4
395	1/15/2013 14:01:33	8.86	48.78	31.58	8.52	7.94	9.7	3.443	90.0
396	1/15/2013 14:16:34	8.90	48.89	31.66	8.40	7.94	6.8	3.472	89.0
397	1/15/2013 14:31:34	8.88	48.85	31.63	8.46	7.94	8.8	3.484	89.5
398	1/15/2013 14:46:34	8.92	49.00	31.75	8.38	7.94	10.4	3.449	88.8
399	1/15/2013 15:01:33	8.84	48.70	31.52	8.55	7.94	14.3	3.398	90.3
400	1/15/2013 15:16:34	8.78	47.80	30.87	8.88	7.95	13.5	3.335	93.2
401	1/15/2013 15:31:34	8.74	47.37	30.56	9.01	7.95	10.3	3.253	94.4
402	1/15/2013 15:46:34	8.78	47.39	30.58	9.00	7.95	10.4	3.144	94.3
403	1/15/2013 16:01:34	8.62	47.00	30.29	9.15	7.96	9.5	3.032	95.4
404	1/15/2013 16:16:34	8.53	46.92	30.22	9.16	7.96	8.9	2.933	95.3
405	1/15/2013 16:31:34	8.46	46.72	30.08	9.24	7.96	8.9	2.826	95.9
406	1/15/2013 16:46:34	8.43	46.70	30.06	9.20	7.96	8.9	2.698	95.4
407	1/15/2013 17:01:34	8.32	46.26	29.74	9.33	7.96	9.5	2.570	96.3
408	1/15/2013 17:16:34	8.24	46.01	29.55	9.49	7.97	9.6	2.467	97.7
409	1/15/2013 17:31:34	8.25	46.36	29.81	9.46	7.98	8.1	2.327	97.5
410	1/15/2013 17:46:34	8.13	45.91	29.48	9.57	7.98	8.8	2.203	98.2
411	1/15/2013 18:01:34	8.02	45.49	29.17	9.67	7.97	9.3	2.072	98.8
412	1/15/2013 18:16:34	7.96	45.52	29.19	9.75	7.98	8.9	1.952	99.4
413	1/15/2013 18:31:34	7.87	45.16	28.92	9.89	7.99	9.3	1.819	100.4
414	1/15/2013 18:46:34	7.83	44.92	28.75	9.98	8.00	9.0	1.692	101.1
415	1/15/2013 19:01:34	7.79	44.68	28.58	10.11	8.00	8.9	1.567	102.3
416	1/15/2013 19:16:34	7.74	44.56	28.49	10.16	8.00	8.7	1.476	102.6
417	1/15/2013 19:31:34	7.69	44.46	28.41	10.19	8.00	8.4	1.400	102.8
418	1/15/2013 19:46:34	7.65	44.40	28.37	10.21	8.00	8.5	1.320	102.8
419	1/15/2013 20:01:34	7.60	44.34	28.32	10.20	8.01	7.7	1.287	102.6
420	1/15/2013 20:16:34	7.58	44.42	28.37	10.14	8.00	8.1	1.289	102.0
421	1/15/2013 20:31:34	7.63	44.41	28.37	10.22	8.00	7.6	1.308	102.8
422	1/15/2013 20:46:34	7.66	44.46	28.41	10.18	8.00	7.1	1.354	102.6
423	1/15/2013 21:01:34	7.66	44.47	28.42	10.17	8.00	6.5	1.403	102.5

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	1/15/2013 21:16:34	7.60	44.46	28.40	10.19	8.00	6.7	1.497	102.6
425	1/15/2013 21:31:34	7.63	44.34	28.32	10.16	8.00	6.8	1.568	102.3
426	1/15/2013 21:46:33	7.51	43.47	27.70	10.18	7.98	7.3	1.642	101.7
427	1/15/2013 22:01:34	7.61	43.83	27.96	10.13	7.98	7.1	1.737	101.7
428	1/15/2013 22:16:34	7.65	43.97	28.07	10.10	7.98	7.1	1.826	101.5
429	1/15/2013 22:31:34	7.71	44.19	28.23	10.05	7.98	7.4	1.908	101.3
430	1/15/2013 22:46:34	7.79	44.31	28.31	9.96	7.98	7.6	2.006	100.6
431	1/15/2013 23:01:34	7.90	44.72	28.61	9.75	7.97	7.7	2.108	99.0
432	1/15/2013 23:16:34	8.04	45.34	29.06	9.53	7.96	8.0	2.217	97.3
433	1/15/2013 23:31:34	8.07	45.50	29.18	9.45	7.95	8.6	2.320	96.6
434	1/15/2013 23:46:34	8.14	45.76	29.37	9.35	7.95	8.7	2.433	95.9
435	1/16/2013 0:01:34	8.11	45.78	29.38	9.37	7.95	9.9	2.534	96.0
436	1/16/2013 0:16:34	8.19	46.07	29.59	9.32	7.95	9.9	2.641	95.8
437	1/16/2013 0:31:34	8.24	46.20	29.69	9.25	7.95	11.0	2.742	95.3
438	1/16/2013 0:46:34	8.31	46.47	29.89	9.19	7.95	12.8	2.834	94.9
439	1/16/2013 1:01:34	8.40	46.84	30.16	9.11	7.95	14.6	2.932	94.4
440	1/16/2013 1:16:34	8.44	47.12	30.36	9.06	7.94	13.8	3.026	94.1
441	1/16/2013 1:31:34	8.59	47.84	30.89	8.80	7.94	14.5	3.119	92.1
442	1/16/2013 1:46:34	8.72	48.51	31.38	8.56	7.94	13.9	3.208	90.0
443	1/16/2013 2:01:33	8.77	48.75	31.55	8.48	7.94	14.8	3.300	89.4
444	1/16/2013 2:16:34	8.80	48.92	31.67	8.43	7.94	14.7	3.385	89.0
445	1/16/2013 2:31:34	8.81	49.01	31.74	8.36	7.94	13.5	3.455	88.4
446	1/16/2013 2:46:34	8.84	49.15	31.84	8.29	7.94	12.6	3.520	87.7
447	1/16/2013 3:01:34	8.92	49.35	31.99	8.22	7.93	10.5	3.573	87.2
448	1/16/2013 3:16:34	8.96	49.45	32.07	8.16	7.94	8.1	3.604	86.7
449	1/16/2013 3:31:33	8.83	49.06	31.78	8.27	7.93	8.1	3.615	87.5
450	1/16/2013 3:46:34	8.99	49.51	32.12	8.17	7.93	9.5	3.609	86.9
451	1/16/2013 4:01:34	8.92	49.36	32.00	8.21	7.93	10.6	3.567	87.1
452	1/16/2013 4:16:33	8.36	48.29	31.19	8.58	7.93	9.8	3.500	89.4
453	1/16/2013 4:31:33	8.34	48.10	31.05	8.68	7.93	8.8	3.414	90.4
454	1/16/2013 4:46:34	8.30	47.90	30.91	8.72	7.94	8.6	3.325	90.7
455	1/16/2013 5:01:34	8.27	47.73	30.78	8.80	7.94	8.6	3.225	91.3
456	1/16/2013 5:16:34	8.27	47.63	30.71	8.79	7.94	7.9	3.113	91.2
457	1/16/2013 5:31:34	8.28	47.63	30.71	8.79	7.93	7.5	3.023	91.2
458	1/16/2013 5:46:34	8.31	47.70	30.76	8.79	7.93	7.4	2.922	91.3
459	1/16/2013 6:01:33	8.12	47.17	30.37	8.95	7.93	7.4	2.816	92.4
460	1/16/2013 6:16:34	7.94	46.72	30.04	9.13	7.94	8.2	2.717	93.6
461	1/16/2013 6:31:34	7.84	46.17	29.64	9.18	7.94	7.8	2.622	93.6
462	1/16/2013 6:46:34	7.82	46.30	29.73	9.14	7.94	6.7	2.530	93.3
463	1/16/2013 7:01:34	7.64	45.74	29.31	9.35	7.94	6.4	2.431	94.8
464	1/16/2013 7:16:34	7.50	45.80	29.34	9.35	7.94	6.0	2.331	94.4
465	1/16/2013 7:31:34	7.31	45.86	29.37	9.34	7.93	6.8	2.248	94.0
466	1/16/2013 7:46:34	7.14	44.94	28.70	9.50	7.94	7.0	2.170	94.8
467	1/16/2013 8:01:34	7.06	44.82	28.62	9.58	7.94	6.7	2.091	95.3
468	1/16/2013 8:16:34	7.00	44.60	28.45	9.64	7.94	6.5	2.019	95.7
469	1/16/2013 8:31:34	7.01	44.59	28.45	9.65	7.94	6.5	1.973	95.8
470	1/16/2013 8:46:34	6.99	44.51	28.39	9.66	7.94	6.5	1.943	95.9
471	1/16/2013 9:01:34	6.94	44.46	28.35	9.68	7.94	6.5	1.917	95.9
472	1/16/2013 9:16:34	7.15	44.76	28.58	9.61	7.94	6.7	1.928	95.8
473	1/16/2013 9:31:34	7.19	44.86	28.66	9.58	7.94	6.7	1.933	95.6
474	1/16/2013 9:46:34	7.22	44.91	28.69	9.58	7.94	6.3	1.986	95.7
475	1/16/2013 10:01:34	7.18	44.89	28.68	9.60	7.94	6.3	2.041	95.8
476	1/16/2013 10:16:34	7.33	45.01	28.77	9.56	7.94	6.2	2.097	95.9

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	1/16/2013 10:31:34	7.26	44.77	28.60	9.59	7.94	6.3	2.173	95.9
478	1/16/2013 10:46:34	7.29	44.82	28.63	9.57	7.94	6.0	2.242	95.8
479	1/16/2013 11:01:33	7.34	44.96	28.73	9.53	7.94	6.5	2.320	95.5
480	1/16/2013 11:16:34	7.65	45.71	29.29	9.29	7.94	7.6	2.383	94.2
481	1/16/2013 11:31:34	7.68	45.82	29.37	9.28	7.94	7.3	2.455	94.2
482	1/16/2013 11:46:33	7.77	45.83	29.39	9.25	7.94	6.7	2.518	94.1
483	1/16/2013 12:01:33	7.96	46.40	29.81	9.14	7.93	7.1	2.589	93.6
484	1/16/2013 12:16:33	8.04	46.59	29.95	9.09	7.94	7.6	2.652	93.3
485	1/16/2013 12:31:33	8.11	46.64	29.99	9.09	7.94	6.8	2.711	93.5
486	1/16/2013 12:46:33	8.18	46.83	30.13	9.05	7.94	7.3	2.779	93.4
487	1/16/2013 13:01:33	8.19	46.99	30.25	9.02	7.94	7.7	2.842	93.1
488	1/16/2013 13:16:33	8.29	47.22	30.42	8.96	7.94	8.1	2.901	92.8
489	1/16/2013 13:31:33	8.38	47.41	30.56	8.88	7.94	8.1	2.961	92.2
490	1/16/2013 13:46:33	8.46	47.51	30.64	8.85	7.94	8.0	3.020	92.2
491	1/16/2013 14:01:33	8.51	47.63	30.73	8.80	7.94	8.0	3.078	91.8
492	1/16/2013 14:16:33	8.57	47.77	30.83	8.76	7.94	7.6	3.121	91.6
493	1/16/2013 14:31:33	8.60	47.87	30.91	8.73	7.94	7.4	3.174	91.4
494	1/16/2013 14:46:33	8.63	47.95	30.97	8.70	7.94	7.3	3.207	91.2
495	1/16/2013 15:01:33	8.65	48.00	31.00	8.68	7.94	5.6	3.227	90.9
496	1/16/2013 15:16:33	8.62	47.84	30.89	8.72	7.94	6.3	3.242	91.3
497	1/16/2013 15:31:33	8.68	48.01	31.02	8.65	7.93	6.7	3.233	90.8
498	1/16/2013 15:46:34	8.67	48.04	31.03	8.66	7.94	7.9	3.206	90.8
499	1/16/2013 16:01:33	8.66	47.97	30.98	8.69	7.93	9.0	3.157	91.1
500	1/16/2013 16:16:33	8.61	47.72	30.80	8.77	7.94	9.2	3.094	91.8
501	1/16/2013 16:31:33	8.61	47.10	30.36	9.01	7.94	7.8	3.015	94.0
502	1/16/2013 16:46:33	8.63	47.36	30.54	8.91	7.94	8.4	2.934	93.1
503	1/16/2013 17:01:34	8.53	46.99	30.27	9.06	7.95	7.0	2.846	94.2
504	1/16/2013 17:16:34	8.45	46.67	30.04	9.18	7.95	7.1	2.743	95.2
505	1/16/2013 17:31:33	8.34	46.56	29.95	9.29	7.96	6.5	2.653	96.0
506	1/16/2013 17:46:34	8.26	46.38	29.82	9.36	7.96	6.8	2.552	96.5
507	1/16/2013 18:01:34	8.18	46.08	29.60	9.56	7.97	7.0	2.453	98.3
508	1/16/2013 18:16:34	8.13	45.94	29.49	9.59	7.98	6.4	2.345	98.4
509	1/16/2013 18:31:34	8.09	45.91	29.47	9.60	7.97	6.3	2.243	98.4
510	1/16/2013 18:46:34	8.05	45.79	29.38	9.72	7.99	6.5	2.142	99.4
511	1/16/2013 19:01:34	7.96	45.35	29.06	9.92	7.99	6.7	2.051	101.1
512	1/16/2013 19:16:34	7.93	45.21	28.96	10.19	8.02	6.0	1.930	103.6
513	1/16/2013 19:31:34	7.84	44.83	28.69	10.36	8.03	6.3	1.844	105.0
514	1/16/2013 19:46:34	7.82	44.82	28.68	10.43	8.03	6.4	1.767	105.7
515	1/16/2013 20:01:34	7.81	44.74	28.62	10.46	8.03	6.3	1.677	105.9
516	1/16/2013 20:16:34	7.81	44.67	28.57	10.48	8.04	6.3	1.626	106.1
517	1/16/2013 20:31:34	7.80	44.61	28.53	10.50	8.04	5.9	1.594	106.3
518	1/16/2013 20:46:33	7.79	44.62	28.53	10.47	8.03	5.9	1.577	106.0
519	1/16/2013 21:01:33	7.80	44.66	28.56	10.47	8.03	5.8	1.563	106.0
520	1/16/2013 21:16:33	7.81	44.67	28.57	10.47	8.03	5.7	1.592	106.0
521	1/16/2013 21:31:33	7.83	44.71	28.60	10.44	8.03	5.7	1.628	105.8
522	1/16/2013 21:46:33	7.85	44.75	28.63	10.38	8.02	6.2	1.681	105.2
523	1/16/2013 22:01:33	7.85	44.78	28.65	10.36	8.02	5.6	1.742	105.0
524	1/16/2013 22:16:33	7.85	44.64	28.55	10.28	8.01	5.8	1.806	104.2
525	1/16/2013 22:31:33	7.86	44.68	28.58	10.22	8.00	5.7	1.891	103.6
526	1/16/2013 22:46:34	7.89	44.82	28.69	10.15	8.00	6.1	1.974	103.0
527	1/16/2013 23:01:34	7.92	44.90	28.74	10.08	7.99	5.9	2.050	102.4
528	1/16/2013 23:16:34	7.98	45.10	28.89	9.96	7.99	6.2	2.144	101.4
529	1/16/2013 23:31:34	8.09	45.50	29.18	9.72	7.97	6.3	2.231	99.4

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
530	1/16/2013 23:46:33	8.16	45.80	29.40	9.51	7.96	6.2	2.312	97.6
531	1/17/2013 0:01:34	8.18	45.98	29.53	9.42	7.95	6.4	2.405	96.8
532	1/17/2013 0:16:33	8.20	46.04	29.57	9.34	7.95	6.5	2.497	96.1
533	1/17/2013 0:31:34	8.28	46.35	29.80	9.26	7.95	7.5	2.591	95.6
534	1/17/2013 0:46:34	8.31	46.50	29.91	9.23	7.95	7.8	2.685	95.4
535	1/17/2013 1:01:34	8.37	46.72	30.07	9.14	7.94	8.2	2.765	94.7
536	1/17/2013 1:16:33	8.40	46.75	30.09	9.09	7.94	8.9	2.856	94.2
537	1/17/2013 1:31:33	8.47	47.10	30.35	8.99	7.94	10.6	2.954	93.5
538	1/17/2013 1:46:34	8.55	47.44	30.59	8.88	7.94	10.9	3.033	92.6
539	1/17/2013 2:01:34	8.60	47.70	30.79	8.79	7.93	10.0	3.122	91.9
540	1/17/2013 2:16:33	8.71	48.15	31.12	8.63	7.93	10.4	3.218	90.6
541	1/17/2013 2:31:34	8.83	48.61	31.45	8.41	7.93	11.3	3.295	88.8
542	1/17/2013 2:46:33	8.93	49.03	31.76	8.25	7.92	10.3	3.381	87.4
543	1/17/2013 3:01:33	8.97	49.15	31.85	8.19	7.92	9.3	3.456	87.0
544	1/17/2013 3:16:33	8.98	49.21	31.90	8.17	7.92	9.1	3.519	86.8
545	1/17/2013 3:31:33	9.00	49.29	31.96	8.12	7.92	7.9	3.569	86.4
546	1/17/2013 3:46:33	9.03	49.36	32.01	8.10	7.93	6.8	3.603	86.2
547	1/17/2013 4:01:33	9.06	49.43	32.06	8.03	7.93	5.1	3.615	85.5
548	1/17/2013 4:16:33	9.06	49.41	32.05	8.07	7.92	7.1	3.624	86.0
549	1/17/2013 4:31:34	9.03	49.37	32.02	8.10	7.93	7.9	3.605	86.2
550	1/17/2013 4:46:33	8.72	48.24	31.18	8.47	7.92	8.2	3.549	89.0
551	1/17/2013 5:01:33	8.81	48.58	31.43	8.32	7.92	8.0	3.496	87.7
552	1/17/2013 5:16:33	8.53	47.92	30.94	8.60	7.92	6.8	3.412	89.9
553	1/17/2013 5:31:33	8.48	47.76	30.82	8.70	7.93	7.6	3.313	90.7
554	1/17/2013 5:46:33	8.48	47.63	30.73	8.70	7.93	6.6	3.236	90.7
555	1/17/2013 6:01:33	8.47	47.61	30.71	8.72	7.92	6.3	3.129	90.8
556	1/17/2013 6:16:33	8.52	47.77	30.83	8.66	7.92	5.7	3.035	90.4
557	1/17/2013 6:31:33	8.54	47.88	30.91	8.71	7.92	5.8	2.943	91.0
558	1/17/2013 6:46:33	8.44	47.37	30.54	8.78	7.93	5.9	2.843	91.3
559	1/17/2013 7:01:34	8.48	47.69	30.77	8.79	7.92	5.8	2.754	91.7
560	1/17/2013 7:16:34	8.34	47.10	30.34	8.89	7.93	6.2	2.659	92.1
561	1/17/2013 7:31:34	8.19	46.56	29.94	9.15	7.94	6.2	2.566	94.2
562	1/17/2013 7:46:34	8.07	46.07	29.58	9.23	7.94	6.0	2.466	94.7
563	1/17/2013 8:01:34	7.97	45.77	29.36	9.38	7.95	6.0	2.387	95.7
564	1/17/2013 8:16:34	7.92	45.71	29.31	9.35	7.94	4.9	2.304	95.3
565	1/17/2013 8:31:34	7.87	45.57	29.21	9.44	7.95	5.0	2.205	96.1
566	1/17/2013 8:46:34	7.85	45.54	29.19	9.46	7.95	5.4	2.136	96.3
567	1/17/2013 9:01:33	7.80	45.23	28.96	9.52	7.95	5.9	2.064	96.6
568	1/17/2013 9:16:34	7.78	45.21	28.95	9.59	7.95	5.4	2.000	97.3
569	1/17/2013 9:31:34	7.75	45.03	28.82	9.64	7.96	5.2	1.965	97.6
570	1/17/2013 9:46:34	7.75	44.98	28.79	9.66	7.96	4.9	1.923	97.8
571	1/17/2013 10:01:34	7.75	44.93	28.75	9.66	7.96	5.1	1.920	97.8
572	1/17/2013 10:16:34	7.78	45.08	28.86	9.63	7.96	5.7	1.910	97.6
573	1/17/2013 10:31:34	7.82	45.20	28.95	9.56	7.95	5.7	1.929	97.0
574	1/17/2013 10:46:34	7.87	45.33	29.04	9.54	7.95	5.4	1.976	97.1
575	1/17/2013 11:01:34	7.85	45.29	29.01	9.52	7.94	6.0	2.004	96.8
576	1/17/2013 11:16:33	7.90	45.38	29.08	9.52	7.95	5.3	2.076	96.9
577	1/17/2013 11:31:34	7.89	45.25	28.99	9.55	7.95	5.1	2.137	97.1
578	1/17/2013 11:46:34	7.91	45.36	29.07	9.50	7.95	5.0	2.186	96.7
579	1/17/2013 12:01:34	7.92	45.36	29.07	9.48	7.94	5.4	2.254	96.5
580	1/17/2013 12:16:34	7.94	45.44	29.12	9.46	7.94	5.1	2.314	96.4
581	1/17/2013 12:31:34	8.09	45.95	29.50	9.21	7.93	5.8	2.376	94.4
582	1/17/2013 12:46:34	8.10	46.02	29.55	9.25	7.94	5.6	2.429	94.8

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
583	1/17/2013 13:01:34	8.16	46.25	29.71	9.16	7.93	5.6	2.484	94.1
584	1/17/2013 13:16:34	8.26	46.55	29.94	9.07	7.93	5.6	2.545	93.6
585	1/17/2013 13:31:34	8.30	46.65	30.01	9.04	7.93	5.4	2.593	93.4
586	1/17/2013 13:46:34	8.35	46.80	30.13	8.99	7.93	5.8	2.647	93.1
587	1/17/2013 14:01:34	8.37	46.86	30.17	8.94	7.93	5.6	2.704	92.6
588	1/17/2013 14:16:34	8.40	46.92	30.21	8.94	7.93	5.5	2.754	92.7
589	1/17/2013 14:31:33	8.42	47.10	30.34	8.88	7.93	5.7	2.806	92.2
590	1/17/2013 14:46:33	8.47	47.17	30.40	8.85	7.93	5.6	2.856	92.0
591	1/17/2013 15:01:34	8.52	47.38	30.55	8.80	7.93	5.6	2.912	91.7
592	1/17/2013 15:16:34	8.57	47.46	30.61	8.76	7.93	5.5	2.943	91.4
593	1/17/2013 15:31:34	8.59	47.48	30.63	8.74	7.93	5.4	2.986	91.3
594	1/17/2013 15:46:33	8.63	47.55	30.68	8.71	7.93	4.9	3.014	91.1
595	1/17/2013 16:01:33	8.65	47.59	30.71	8.67	7.93	4.8	3.030	90.7
596	1/17/2013 16:16:34	8.60	47.46	30.62	8.72	7.93	5.1	3.035	91.1
597	1/17/2013 16:31:34	8.66	47.69	30.78	8.63	7.93	5.3	3.022	90.4
598	1/17/2013 16:46:33	8.65	47.68	30.77	8.65	7.92	6.0	3.000	90.6
599	1/17/2013 17:01:33	8.59	47.46	30.61	8.71	7.93	6.2	2.957	90.9
600	1/17/2013 17:16:34	8.50	47.07	30.33	8.90	7.93	5.7	2.905	92.5
601	1/17/2013 17:31:34	8.45	46.83	30.15	9.03	7.94	6.0	2.830	93.7
602	1/17/2013 17:46:34	8.44	46.90	30.20	9.01	7.94	6.2	2.768	93.5
603	1/17/2013 18:01:34	8.37	46.63	30.01	9.16	7.95	5.9	2.687	94.8
604	1/17/2013 18:16:34	8.35	46.50	29.91	9.26	7.95	5.4	2.606	95.7
605	1/17/2013 18:31:34	8.30	46.35	29.80	9.35	7.96	5.1	2.529	96.4
606	1/17/2013 18:46:34	8.24	46.23	29.71	9.32	7.95	5.0	2.441	96.0
607	1/17/2013 19:01:34	8.19	46.09	29.61	9.37	7.95	4.9	2.355	96.3
608	1/17/2013 19:16:34	8.12	45.79	29.39	9.52	7.96	5.2	2.278	97.6
609	1/17/2013 19:31:34	8.12	45.87	29.45	9.54	7.97	4.8	2.203	97.8
610	1/17/2013 19:46:34	8.08	45.64	29.28	9.67	7.98	4.7	2.116	98.9
611	1/17/2013 20:01:34	8.06	45.56	29.22	9.77	7.99	4.7	2.042	99.9
612	1/17/2013 20:16:34	8.02	45.35	29.07	9.93	8.00	4.5	1.981	101.3
613	1/17/2013 20:31:34	8.00	45.23	28.98	9.97	8.00	4.7	1.932	101.6
614	1/17/2013 20:46:34	7.99	45.22	28.97	10.02	8.01	4.7	1.875	102.2
615	1/17/2013 21:01:34	7.99	45.21	28.97	10.02	8.00	4.9	1.836	102.1
616	1/17/2013 21:16:34	8.00	45.16	28.93	9.97	8.00	4.3	1.826	101.6
617	1/17/2013 21:31:34	7.99	45.18	28.95	10.03	8.01	4.4	1.814	102.2
618	1/17/2013 21:46:34	8.02	45.29	29.02	9.91	7.99	4.5	1.812	101.1
619	1/17/2013 22:01:34	8.02	45.29	29.02	9.91	7.99	4.8	1.840	101.1
620	1/17/2013 22:16:34	8.04	45.37	29.08	9.85	7.99	4.5	1.874	100.6
621	1/17/2013 22:31:34	8.04	45.36	29.08	9.88	7.99	5.1	1.916	100.8
622	1/17/2013 22:46:34	8.06	45.46	29.15	9.80	7.98	5.0	1.964	100.1
623	1/17/2013 23:01:34	8.02	45.14	28.92	9.78	7.98	4.8	2.022	99.7
624	1/17/2013 23:16:34	8.03	45.19	28.96	9.74	7.97	4.7	2.094	99.3
625	1/17/2013 23:31:34	8.08	45.46	29.15	9.63	7.96	4.6	2.158	98.5
626	1/17/2013 23:46:34	8.11	45.61	29.26	9.57	7.96	4.7	2.221	98.0
627	1/18/2013 0:01:34	8.17	45.78	29.38	9.47	7.96	5.2	2.297	97.1
628	1/18/2013 0:16:34	8.23	46.03	29.57	9.34	7.95	4.8	2.369	96.1
629	1/18/2013 0:31:34	8.27	46.18	29.68	9.24	7.94	4.8	2.439	95.2
630	1/18/2013 0:46:34	8.29	46.32	29.78	9.16	7.94	5.1	2.513	94.5
631	1/18/2013 1:01:34	8.32	46.48	29.89	9.11	7.94	5.0	2.589	94.1
632	1/18/2013 1:16:34	8.35	46.64	30.01	9.05	7.93	5.2	2.666	93.7
633	1/18/2013 1:31:34	8.40	46.86	30.17	8.99	7.93	5.6	2.739	93.2
634	1/18/2013 1:46:34	8.44	47.04	30.30	8.94	7.93	5.9	2.815	92.8
635	1/18/2013 2:01:33	8.50	47.25	30.45	8.86	7.93	6.2	2.890	92.3

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	1/18/2013 2:16:34	8.55	47.47	30.61	8.80	7.93	7.5	2.975	91.8
637	1/18/2013 2:31:34	8.61	47.62	30.73	8.73	7.93	6.7	3.047	91.3
638	1/18/2013 2:46:34	8.66	47.80	30.86	8.66	7.93	6.9	3.127	90.7
639	1/18/2013 3:01:34	8.68	47.94	30.97	8.63	7.93	7.2	3.208	90.5
640	1/18/2013 3:16:33	8.73	48.13	31.10	8.56	7.93	7.4	3.281	90.0
641	1/18/2013 3:31:34	8.83	48.43	31.33	8.46	7.93	7.4	3.352	89.3
642	1/18/2013 3:46:34	8.93	48.73	31.55	8.36	7.93	7.4	3.414	88.5
643	1/18/2013 4:01:34	8.99	48.93	31.70	8.28	7.93	7.0	3.472	87.8
644	1/18/2013 4:16:34	9.03	49.12	31.84	8.19	7.93	6.3	3.512	87.0
645	1/18/2013 4:31:33	9.05	49.16	31.87	8.15	7.93	5.3	3.536	86.7
646	1/18/2013 4:46:33	9.05	49.19	31.89	8.06	7.93	4.2	3.562	85.8
647	1/18/2013 5:01:34	9.04	49.17	31.87	8.11	7.93	6.3	3.559	86.3
648	1/18/2013 5:16:34	9.04	49.19	31.89	8.12	7.93	6.1	3.524	86.4
649	1/18/2013 5:31:33	8.97	48.92	31.69	8.18	7.93	7.1	3.481	86.8
650	1/18/2013 5:46:34	8.57	48.02	31.01	8.50	7.92	5.4	3.438	89.0
651	1/18/2013 6:01:34	8.57	48.04	31.03	8.51	7.92	5.4	3.357	89.1
652	1/18/2013 6:16:34	8.52	47.91	30.93	8.57	7.92	5.8	3.273	89.6
653	1/18/2013 6:31:34	8.50	47.77	30.83	8.61	7.92	5.1	3.196	89.9
654	1/18/2013 6:46:34	8.51	47.73	30.80	8.62	7.92	4.9	3.105	89.9
655	1/18/2013 7:01:34	8.48	47.58	30.69	8.65	7.92	5.1	3.015	90.2
656	1/18/2013 7:16:34	8.42	47.46	30.60	8.69	7.92	4.7	2.936	90.4
657	1/18/2013 7:31:34	8.33	47.14	30.37	8.76	7.92	4.8	2.835	90.7
658	1/18/2013 7:46:34	8.34	47.32	30.49	8.77	7.92	4.6	2.768	91.0
659	1/18/2013 8:01:34	8.25	47.10	30.33	8.84	7.92	4.7	2.676	91.4
660	1/18/2013 8:16:34	8.21	46.96	30.23	8.90	7.92	5.8	2.584	91.9
661	1/18/2013 8:31:34	8.06	46.34	29.77	9.09	7.93	5.3	2.500	93.3
662	1/18/2013 8:46:34	8.04	46.50	29.89	9.05	7.93	4.9	2.412	92.8
663	1/18/2013 9:01:34	7.88	45.99	29.51	9.33	7.94	4.3	2.343	95.2
664	1/18/2013 9:16:34	7.88	46.23	29.68	9.33	7.94	4.5	2.251	95.3
665	1/18/2013 9:31:34	7.80	45.80	29.37	9.42	7.95	4.9	2.179	95.8
666	1/18/2013 9:46:34	7.76	45.70	29.29	9.57	7.96	4.8	2.100	97.3
667	1/18/2013 10:01:34	7.75	45.54	29.18	9.64	7.96	5.2	2.032	97.9
668	1/18/2013 10:16:34	7.72	45.38	29.06	9.70	7.97	4.5	1.979	98.3
669	1/18/2013 10:31:34	7.74	45.37	29.06	9.72	7.97	4.7	1.927	98.5
670	1/18/2013 10:46:34	7.73	45.32	29.02	9.72	7.97	4.2	1.915	98.5
671	1/18/2013 11:01:34	7.76	45.26	28.98	9.72	7.97	4.3	1.889	98.5
672	1/18/2013 11:16:34	7.78	45.42	29.10	9.68	7.97	5.1	1.884	98.3
673	1/18/2013 11:31:34	7.80	45.49	29.15	9.62	7.96	4.7	1.898	97.7
674	1/18/2013 11:46:34	7.84	45.55	29.19	9.60	7.96	4.5	1.916	97.7
675	1/18/2013 12:01:34	7.87	45.57	29.21	9.57	7.96	4.4	1.965	97.4
676	1/18/2013 12:16:34	7.87	45.60	29.24	9.52	7.95	4.3	2.003	96.9
677	1/18/2013 12:31:34	7.89	45.65	29.27	9.50	7.95	4.3	2.044	96.8
678	1/18/2013 12:46:33	7.91	45.55	29.20	9.52	7.95	4.1	2.099	97.0
679	1/18/2013 13:01:34	7.91	45.64	29.26	9.49	7.95	4.2	2.160	96.7
680	1/18/2013 13:16:34	7.92	45.66	29.28	9.44	7.95	4.4	2.203	96.3
681	1/18/2013 13:31:34	7.93	45.68	29.29	9.40	7.95	4.4	2.244	95.8
682	1/18/2013 13:46:34	7.94	45.71	29.32	9.36	7.94	4.5	2.306	95.5
683	1/18/2013 14:01:34	8.02	45.72	29.33	9.29	7.94	4.3	2.355	95.0
684	1/18/2013 14:16:34	8.07	45.95	29.50	9.22	7.94	4.2	2.401	94.5
685	1/18/2013 14:31:34	8.12	46.30	29.75	9.06	7.93	4.5	2.449	93.1
686	1/18/2013 14:46:34	8.19	46.49	29.89	9.01	7.93	4.4	2.495	92.8
687	1/18/2013 15:01:34	8.24	46.64	30.00	8.97	7.93	4.5	2.558	92.6
688	1/18/2013 15:16:34	8.30	46.80	30.12	8.93	7.93	4.6	2.594	92.3

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
689	1/18/2013 15:31:34	8.32	46.81	30.13	8.92	7.93	4.4	2.634	92.3
690	1/18/2013 15:46:34	8.35	46.84	30.15	8.94	7.93	4.3	2.683	92.5
691	1/18/2013 16:01:34	8.37	46.92	30.21	8.92	7.93	4.2	2.725	92.5
692	1/18/2013 16:16:34	8.38	46.99	30.26	8.91	7.93	4.3	2.764	92.4
693	1/18/2013 16:31:34	8.40	47.05	30.31	8.87	7.93	4.2	2.786	92.0
694	1/18/2013 16:46:33	8.44	47.21	30.43	8.79	7.93	4.3	2.822	91.4
695	1/18/2013 17:01:33	8.47	47.28	30.47	8.74	7.92	3.8	2.844	91.0
696	1/18/2013 17:16:33	8.47	47.29	30.48	8.67	7.92	3.7	2.854	90.2
697	1/18/2013 17:31:33	8.44	47.14	30.37	8.72	7.92	4.4	2.859	90.6
698	1/18/2013 17:46:34	8.47	47.34	30.52	8.66	7.92	4.2	2.841	90.2
699	1/18/2013 18:01:34	8.45	47.25	30.45	8.72	7.92	4.9	2.823	90.7
700	1/18/2013 18:16:33	8.40	46.99	30.26	8.83	7.93	4.9	2.790	91.6
701	1/18/2013 18:31:33	8.35	46.75	30.09	8.88	7.93	4.3	2.746	91.9
702	1/18/2013 18:46:34	8.34	46.62	29.99	9.00	7.94	4.8	2.690	93.0
703	1/18/2013 19:01:34	8.32	46.45	29.87	9.10	7.94	4.5	2.638	94.0
704	1/18/2013 19:16:34	8.29	46.36	29.80	9.17	7.95	4.5	2.574	94.6
705	1/18/2013 19:31:34	8.27	46.32	29.77	9.22	7.95	4.2	2.504	95.1
706	1/18/2013 19:46:34	8.29	46.24	29.72	9.34	7.96	4.3	2.442	96.3
707	1/18/2013 20:01:34	8.36	46.30	29.77	9.37	7.96	4.7	2.377	96.8
708	1/18/2013 20:16:34	8.19	46.01	29.55	9.42	7.96	4.1	2.323	96.8
709	1/18/2013 20:31:34	8.14	45.85	29.43	9.47	7.97	4.0	2.246	97.1
710	1/18/2013 20:46:34	8.23	45.72	29.34	9.73	8.01	4.1	2.216	100.0
711	1/18/2013 21:01:34	8.18	45.63	29.28	9.83	8.00	4.2	2.172	100.8
712	1/18/2013 21:16:34	8.14	45.62	29.27	9.81	8.00	3.9	2.126	100.5
713	1/18/2013 21:31:34	8.10	45.58	29.23	9.71	7.99	3.9	2.101	99.4
714	1/18/2013 21:46:34	8.12	45.58	29.24	9.69	7.99	3.8	2.066	99.2
715	1/18/2013 22:01:34	8.12	45.58	29.24	9.68	7.99	3.8	2.062	99.1
716	1/18/2013 22:16:34	8.09	45.72	29.34	9.40	7.96	3.7	2.049	96.3
717	1/18/2013 22:31:34	8.10	45.78	29.38	9.41	7.95	3.5	2.046	96.4
718	1/18/2013 22:46:34	8.13	45.84	29.42	9.42	7.96	4.0	2.086	96.6
719	1/18/2013 23:01:34	8.14	45.84	29.42	9.45	7.96	3.9	2.106	96.9
720	1/18/2013 23:16:34	8.15	45.80	29.40	9.54	7.97	4.0	2.142	97.8
721	1/18/2013 23:31:34	8.17	45.87	29.45	9.46	7.96	4.0	2.162	97.1
722	1/18/2013 23:46:34	8.19	45.93	29.49	9.40	7.96	4.1	2.208	96.6
723	1/19/2013 0:01:34	8.15	45.81	29.41	9.52	7.96	4.0	2.263	97.7
724	1/19/2013 0:16:34	8.18	45.80	29.40	9.45	7.96	4.0	2.308	97.0
725	1/19/2013 0:31:34	8.21	45.86	29.44	9.37	7.95	3.9	2.362	96.3
726	1/19/2013 0:46:34	8.22	45.89	29.46	9.30	7.95	4.2	2.425	95.5
727	1/19/2013 1:01:34	8.27	46.22	29.70	9.13	7.94	4.2	2.488	94.1
728	1/19/2013 1:16:34	8.33	46.50	29.91	9.01	7.93	4.2	2.540	93.1
729	1/19/2013 1:31:34	8.32	46.45	29.87	9.06	7.93	4.1	2.599	93.6
730	1/19/2013 1:46:34	8.39	46.83	30.15	8.93	7.93	4.4	2.676	92.5
731	1/19/2013 2:01:34	8.41	46.97	30.25	8.88	7.93	4.3	2.746	92.2
732	1/19/2013 2:16:34	8.42	47.04	30.30	8.86	7.93	4.2	2.810	91.9
733	1/19/2013 2:31:34	8.50	47.33	30.51	8.76	7.93	4.5	2.872	91.3
734	1/19/2013 2:46:34	8.57	47.55	30.67	8.67	7.92	4.7	2.964	90.6
735	1/19/2013 3:01:34	8.63	47.74	30.82	8.60	7.92	5.0	3.052	90.0
736	1/19/2013 3:16:34	8.63	47.82	30.88	8.60	7.92	5.6	3.098	90.0
737	1/19/2013 3:31:34	8.66	47.92	30.95	8.55	7.92	5.1	3.164	89.6
738	1/19/2013 3:46:34	8.74	48.10	31.08	8.47	7.92	5.4	3.245	89.0
739	1/19/2013 4:01:34	8.78	48.25	31.19	8.41	7.92	5.2	3.287	88.6
740	1/19/2013 4:16:34	8.80	48.37	31.28	8.39	7.92	5.3	3.355	88.4
741	1/19/2013 4:31:34	8.82	48.47	31.35	8.36	7.92	5.9	3.419	88.2

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
742	1/19/2013 4:46:34	8.83	48.59	31.44	8.33	7.92	5.2	3.465	87.9
743	1/19/2013 5:01:34	8.85	48.72	31.53	8.30	7.92	5.4	3.490	87.7
744	1/19/2013 5:16:34	8.87	48.90	31.66	8.27	7.92	4.5	3.536	87.5
745	1/19/2013 5:31:34	8.88	48.91	31.67	8.22	7.92	4.0	3.521	87.0
746	1/19/2013 5:46:34	8.89	48.93	31.69	8.17	7.92	4.9	3.528	86.4
747	1/19/2013 6:01:34	8.89	48.95	31.71	8.18	7.92	6.0	3.534	86.6
748	1/19/2013 6:16:34	8.80	48.54	31.40	8.26	7.92	5.3	3.483	87.1
749	1/19/2013 6:31:34	8.55	47.94	30.95	8.36	7.92	5.4	3.443	87.4
750	1/19/2013 6:46:34	8.65	48.12	31.09	8.37	7.92	5.7	3.361	87.8
751	1/19/2013 7:01:34	8.39	47.58	30.68	8.57	7.92	4.7	3.292	89.1
752	1/19/2013 7:16:34	8.39	47.55	30.66	8.60	7.92	4.4	3.213	89.4
753	1/19/2013 7:31:34	8.38	47.53	30.65	8.59	7.92	3.9	3.152	89.3
754	1/19/2013 7:46:34	8.41	47.59	30.69	8.55	7.92	4.0	3.059	88.9
755	1/19/2013 8:01:34	8.36	47.38	30.54	8.60	7.92	3.9	2.960	89.3
756	1/19/2013 8:16:34	8.42	47.65	30.74	8.58	7.91	3.9	2.864	89.4
757	1/19/2013 8:31:34	8.33	47.42	30.56	8.66	7.92	4.2	2.811	89.9
758	1/19/2013 8:46:34	8.29	47.22	30.42	8.70	7.92	4.0	2.725	90.2
759	1/19/2013 9:01:34	8.26	47.41	30.55	8.82	7.92	3.8	2.642	91.4
760	1/19/2013 9:16:34	8.18	47.04	30.28	8.96	7.93	4.0	2.568	92.5
761	1/19/2013 9:31:34	8.03	46.41	29.82	9.15	7.94	4.0	2.500	93.9
762	1/19/2013 9:46:34	8.09	46.66	30.00	9.24	7.95	4.7	2.405	95.0
763	1/19/2013 10:01:34	8.04	46.44	29.85	9.41	7.96	3.8	2.325	96.6
764	1/19/2013 10:16:34	7.97	46.11	29.61	9.59	7.97	3.8	2.249	98.1
765	1/19/2013 10:31:34	8.03	46.12	29.61	9.73	7.98	3.5	2.184	99.6
766	1/19/2013 10:46:34	8.05	45.98	29.52	9.92	7.99	3.7	2.102	101.6
767	1/19/2013 11:01:34	8.00	45.68	29.30	10.06	8.01	3.7	2.002	102.7
768	1/19/2013 11:16:34	8.01	45.62	29.26	10.05	8.01	3.7	1.925	102.7
769	1/19/2013 11:31:34	8.03	45.55	29.21	10.12	8.01	3.6	1.885	103.4
770	1/19/2013 11:46:34	8.00	45.48	29.16	10.14	8.02	3.8	1.880	103.5
771	1/19/2013 12:01:34	8.02	45.41	29.11	10.11	8.02	3.6	1.817	103.2
772	1/19/2013 12:16:34	8.08	45.54	29.21	10.09	8.01	3.3	1.841	103.2
773	1/19/2013 12:31:34	7.96	45.64	29.27	9.92	8.00	3.4	1.836	101.2
774	1/19/2013 12:46:34	7.98	45.70	29.31	9.82	7.99	3.5	1.845	100.3
775	1/19/2013 13:01:34	8.08	45.73	29.34	9.83	7.99	3.8	1.885	100.6
776	1/19/2013 13:16:34	8.15	45.68	29.31	9.86	7.99	3.5	1.920	101.1
777	1/19/2013 13:31:34	8.10	45.71	29.33	9.78	7.99	3.4	1.921	100.1
778	1/19/2013 13:46:34	8.08	45.79	29.38	9.68	7.98	3.5	2.006	99.1
779	1/19/2013 14:01:34	8.16	45.55	29.22	9.76	7.98	3.5	2.005	100.1
780	1/19/2013 14:16:34	8.12	45.32	29.05	9.71	7.98	3.5	2.082	99.3
781	1/19/2013 14:31:34	8.08	45.55	29.22	9.64	7.97	3.5	2.129	98.6
782	1/19/2013 14:46:34	8.08	45.65	29.28	9.62	7.97	3.7	2.198	98.4
783	1/19/2013 15:01:34	8.07	45.70	29.32	9.57	7.97	3.5	2.230	97.9
784	1/19/2013 15:16:34	8.05	45.80	29.39	9.50	7.96	3.5	2.304	97.2
785	1/19/2013 15:31:34	8.10	45.87	29.44	9.35	7.95	3.6	2.327	95.8
786	1/19/2013 15:46:34	8.16	46.09	29.60	9.28	7.95	3.7	2.372	95.3
787	1/19/2013 16:01:34	8.21	46.32	29.77	9.16	7.94	3.8	2.413	94.3
788	1/19/2013 16:16:34	8.27	46.65	30.01	9.00	7.93	3.7	2.459	93.0
789	1/19/2013 16:31:34	8.29	46.66	30.02	8.99	7.93	3.8	2.522	92.9
790	1/19/2013 16:46:34	8.31	46.69	30.04	8.96	7.93	3.8	2.565	92.6
791	1/19/2013 17:01:34	8.33	46.83	30.14	8.91	7.93	3.9	2.601	92.2
792	1/19/2013 17:16:34	8.33	46.82	30.14	8.89	7.93	3.7	2.633	92.0
793	1/19/2013 17:31:34	8.33	46.89	30.18	8.88	7.93	3.7	2.674	91.9
794	1/19/2013 17:46:34	8.34	46.89	30.19	8.86	7.93	3.6	2.692	91.7

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	1/19/2013 18:01:34	8.36	46.96	30.24	8.85	7.93	3.7	2.742	91.7
796	1/19/2013 18:16:34	8.36	46.99	30.26	8.82	7.93	3.3	2.738	91.4
797	1/19/2013 18:31:34	8.35	46.89	30.19	8.76	7.93	3.4	2.757	90.8
798	1/19/2013 18:46:34	8.37	46.99	30.26	8.71	7.92	3.4	2.752	90.3
799	1/19/2013 19:01:34	8.37	47.02	30.28	8.73	7.92	3.7	2.726	90.6
800	1/19/2013 19:16:34	8.37	47.00	30.27	8.73	7.93	3.4	2.809	90.5
801	1/19/2013 19:31:34	8.36	46.95	30.23	8.76	7.92	3.8	2.719	90.8
802	1/19/2013 19:46:34	8.34	46.89	30.18	8.80	7.92	3.8	2.656	91.1
803	1/19/2013 20:01:34	8.32	46.73	30.07	8.85	7.93	3.7	2.624	91.5
804	1/19/2013 20:16:34	8.35	46.63	30.00	8.93	7.93	3.7	2.574	92.4
805	1/19/2013 20:31:34	8.35	46.56	29.95	9.01	7.94	4.0	2.560	93.2
806	1/19/2013 20:46:34	8.31	46.24	29.73	9.26	7.95	4.0	2.513	95.5
807	1/19/2013 21:01:34	8.31	46.07	29.60	9.40	7.97	4.2	2.478	96.9
808	1/19/2013 21:16:34	8.48	45.89	29.49	9.73	8.01	4.7	2.432	100.6
809	1/19/2013 21:31:34	8.55	45.88	29.48	9.70	8.01	4.4	2.370	100.4
810	1/19/2013 21:46:34	8.18	45.74	29.36	9.65	7.99	3.8	2.338	99.0
811	1/19/2013 22:01:34	8.13	45.73	29.35	9.54	7.98	3.8	2.309	97.8
812	1/19/2013 22:16:34	8.11	45.76	29.36	9.47	7.98	3.8	2.319	97.0
813	1/19/2013 22:31:34	8.12	45.67	29.30	9.46	7.99	4.2	2.252	96.9
814	1/19/2013 22:46:34	8.10	45.71	29.33	9.44	7.98	3.8	2.271	96.7
815	1/19/2013 23:01:34	8.20	45.84	29.43	9.44	7.97	3.5	2.253	97.0
816	1/19/2013 23:16:34	8.24	45.96	29.52	9.42	7.97	3.2	2.235	96.9
817	1/19/2013 23:31:34	8.18	45.88	29.46	9.43	7.97	4.0	2.213	96.8
818	1/19/2013 23:46:34	8.03	45.69	29.31	9.79	8.00	3.8	2.254	100.1
819	1/20/2013 0:01:34	8.19	45.87	29.45	9.52	7.98	4.0	2.259	97.7
820	1/20/2013 0:16:34	8.30	46.10	29.62	9.33	7.96	4.0	2.323	96.2
821	1/20/2013 0:31:34	8.22	45.96	29.52	9.41	7.97	3.7	2.329	96.7
822	1/20/2013 0:46:34	8.25	46.09	29.61	9.36	7.96	3.8	2.381	96.3
823	1/20/2013 1:01:34	8.08	45.86	29.43	9.48	7.97	4.0	2.426	97.1
824	1/20/2013 1:16:34	8.19	46.08	29.60	9.29	7.95	3.5	2.430	95.5
825	1/20/2013 1:31:34	8.30	46.38	29.82	9.11	7.94	3.8	2.491	94.0
826	1/20/2013 1:46:34	8.26	46.33	29.78	9.13	7.94	3.5	2.541	94.2
827	1/20/2013 2:01:34	8.30	46.56	29.95	8.98	7.94	3.7	2.586	92.8
828	1/20/2013 2:16:34	8.35	46.73	30.08	8.91	7.93	3.6	2.656	92.2
829	1/20/2013 2:31:34	8.36	46.86	30.17	8.86	7.93	3.7	2.708	91.7
830	1/20/2013 2:46:34	8.39	47.02	30.29	8.80	7.93	3.7	2.781	91.2
831	1/20/2013 3:01:34	8.35	46.98	30.25	8.83	7.93	3.6	2.836	91.4
832	1/20/2013 3:16:34	8.18	47.08	30.31	8.87	7.93	3.8	2.878	91.6
833	1/20/2013 3:31:34	8.26	47.31	30.48	8.82	7.92	3.5	2.956	91.4
834	1/20/2013 3:46:34	8.32	47.52	30.63	8.77	7.92	3.8	3.012	91.0
835	1/20/2013 4:01:34	8.57	47.98	30.98	8.61	7.92	3.7	3.101	90.1
836	1/20/2013 4:16:34	8.69	48.28	31.21	8.55	7.92	4.2	3.170	89.8
837	1/20/2013 4:31:34	8.73	48.35	31.26	8.53	7.92	4.6	3.226	89.7
838	1/20/2013 4:46:34	8.75	48.52	31.38	8.52	7.92	4.9	3.294	89.8
839	1/20/2013 5:01:34	8.73	48.58	31.42	8.54	7.92	4.7	3.337	89.9
840	1/20/2013 5:16:34	8.74	48.68	31.50	8.57	7.92	4.7	3.413	90.4
841	1/20/2013 5:31:34	8.70	48.71	31.51	8.60	7.92	4.8	3.431	90.6
842	1/20/2013 5:46:34	8.70	48.76	31.55	8.61	7.92	4.9	3.454	90.7
843	1/20/2013 6:01:34	8.69	48.85	31.62	8.65	7.92	4.6	3.522	91.2
844	1/20/2013 6:16:34	8.69	48.91	31.66	8.67	7.92	4.1	3.520	91.4
845	1/20/2013 6:31:34	8.68	48.86	31.62	8.60	7.92	5.1	3.508	90.6
846	1/20/2013 6:46:34	8.68	48.82	31.59	8.57	7.92	5.1	3.512	90.3
847	1/20/2013 7:01:34	8.68	48.87	31.63	8.62	7.92	5.9	3.486	90.7

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
848	1/20/2013 7:16:34	8.67	48.77	31.55	8.56	7.92	5.7	3.422	90.1
849	1/20/2013 7:31:34	8.54	48.23	31.16	8.56	7.91	4.8	3.385	89.6
850	1/20/2013 7:46:34	8.39	47.88	30.90	8.56	7.91	4.4	3.333	89.2
851	1/20/2013 8:01:34	8.16	47.68	30.74	8.61	7.91	4.1	3.256	89.1
852	1/20/2013 8:16:34	8.38	47.88	30.89	8.56	7.91	4.3	3.201	89.1
853	1/20/2013 8:31:34	8.26	47.71	30.77	8.60	7.91	4.3	3.085	89.3
854	1/20/2013 8:46:34	8.21	47.59	30.68	8.64	7.91	3.7	3.034	89.5
855	1/20/2013 9:01:34	8.20	47.48	30.60	8.69	7.92	3.6	2.993	89.9
856	1/20/2013 9:16:34	8.26	47.56	30.66	8.69	7.92	3.8	2.886	90.1
857	1/20/2013 9:31:34	8.13	47.24	30.42	8.86	7.93	3.7	2.812	91.4
858	1/20/2013 9:46:34	8.09	47.14	30.35	8.97	7.94	3.8	2.720	92.5
859	1/20/2013 10:01:34	7.92	46.61	29.95	9.19	7.95	3.9	2.631	94.2
860	1/20/2013 10:16:34	8.05	46.89	30.16	9.29	7.96	3.8	2.543	95.6
861	1/20/2013 10:31:34	8.09	46.61	29.97	9.46	7.97	3.8	2.454	97.3
862	1/20/2013 10:46:34	8.11	46.70	30.04	9.66	7.99	3.7	2.371	99.4
863	1/20/2013 11:01:34	7.88	46.08	29.57	9.75	8.00	3.8	2.266	99.6
864	1/20/2013 11:16:34	8.23	46.43	29.85	10.04	8.02	3.8	2.196	103.5
865	1/20/2013 11:31:34	8.14	46.10	29.61	10.12	8.03	3.4	2.084	103.9
866	1/20/2013 11:46:34	8.11	45.93	29.49	10.24	8.04	4.0	2.021	105.0
867	1/20/2013 12:01:34	8.06	45.70	29.32	10.29	8.04	3.7	1.954	105.3
868	1/20/2013 12:16:34	8.24	45.76	29.38	10.46	8.06	3.7	1.894	107.5
869	1/20/2013 12:31:34	8.15	45.65	29.29	10.52	8.06	3.8	1.815	107.8
870	1/20/2013 12:46:34	8.16	45.57	29.24	10.54	8.06	3.8	1.768	108.1
871	1/20/2013 13:01:34	8.13	45.52	29.20	10.49	8.06	3.6	1.713	107.4
872	1/20/2013 13:16:33	8.28	45.48	29.18	10.50	8.06	3.4	1.716	107.9
873	1/20/2013 13:31:33	8.23	45.61	29.27	10.46	8.05	3.6	1.732	107.4
874	1/20/2013 13:46:34	7.93	45.66	29.28	10.23	8.03	3.4	1.724	104.3
875	1/20/2013 14:01:34	7.94	45.67	29.29	10.21	8.03	3.3	1.726	104.1
876	1/20/2013 14:16:34	8.04	45.69	29.31	10.22	8.03	3.5	1.796	104.6
877	1/20/2013 14:31:34	8.07	45.70	29.32	10.20	8.03	3.3	1.849	104.4
878	1/20/2013 14:46:34	8.11	45.68	29.31	10.19	8.03	3.2	1.849	104.3
879	1/20/2013 15:01:33	8.16	45.35	29.08	10.15	8.02	3.3	1.886	103.9
880	1/20/2013 15:16:34	8.07	45.35	29.07	10.09	8.02	3.3	1.952	103.0
881	1/20/2013 15:31:34	8.00	45.33	29.05	10.03	8.01	3.4	2.016	102.3
882	1/20/2013 15:46:34	8.01	45.52	29.19	10.01	8.01	3.4	2.047	102.2
883	1/20/2013 16:01:34	7.99	45.55	29.21	9.95	8.01	3.3	2.124	101.6
884	1/20/2013 16:16:34	7.95	45.69	29.31	9.88	8.00	3.2	2.176	100.8
885	1/20/2013 16:31:34	7.95	45.57	29.22	9.70	7.99	3.4	2.223	98.9
886	1/20/2013 16:46:34	7.99	45.92	29.47	9.59	7.98	3.4	2.291	98.0
887	1/20/2013 17:01:34	8.06	46.22	29.69	9.47	7.97	3.4	2.332	97.1
888	1/20/2013 17:16:34	8.11	46.28	29.73	9.33	7.96	3.5	2.364	95.8
889	1/20/2013 17:31:34	8.16	46.48	29.88	9.20	7.95	3.3	2.427	94.7
890	1/20/2013 17:46:33	8.19	46.67	30.02	9.07	7.94	3.5	2.459	93.5
891	1/20/2013 18:01:34	8.20	46.81	30.12	9.01	7.94	3.6	2.516	93.0
892	1/20/2013 18:16:34	8.20	46.86	30.15	9.00	7.94	3.6	2.572	92.8
893	1/20/2013 18:31:34	8.21	46.88	30.17	8.99	7.94	3.5	2.595	92.8
894	1/20/2013 18:46:34	8.21	46.97	30.23	8.98	7.94	3.5	2.649	92.7
895	1/20/2013 19:01:34	8.22	47.03	30.28	8.94	7.93	3.7	2.672	92.4
896	1/20/2013 19:16:34	8.23	47.06	30.30	8.89	7.93	3.5	2.681	91.9
897	1/20/2013 19:31:34	8.24	47.11	30.34	8.87	7.93	3.1	2.728	91.7
898	1/20/2013 19:46:34	8.25	47.16	30.37	8.85	7.93	3.5	2.763	91.6
899	1/20/2013 20:01:34	8.25	47.16	30.37	8.80	7.93	3.2	2.771	91.0
900	1/20/2013 20:16:34	8.25	47.17	30.38	8.72	7.93	2.9	2.790	90.3

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
901	1/20/2013 20:31:34	8.26	47.18	30.38	8.73	7.93	3.4	2.785	90.3
902	1/20/2013 20:46:34	8.29	47.23	30.43	8.75	7.92	3.3	2.772	90.6
903	1/20/2013 21:01:34	8.29	47.20	30.40	8.80	7.93	3.8	2.765	91.2
904	1/20/2013 21:16:34	8.26	47.13	30.35	8.79	7.93	3.7	2.733	91.0
905	1/20/2013 21:31:34	8.24	47.06	30.30	8.82	7.93	3.4	2.688	91.2
906	1/20/2013 21:46:34	8.21	46.90	30.19	8.86	7.93	3.4	2.661	91.5
907	1/20/2013 22:01:34	8.21	46.81	30.12	8.94	7.94	3.6	2.638	92.2
908	1/20/2013 22:16:34	8.21	46.67	30.02	9.00	7.94	3.5	2.593	92.8
909	1/20/2013 22:31:34	8.20	46.41	29.83	9.27	7.96	3.5	2.542	95.4
910	1/20/2013 22:46:34	8.18	46.38	29.81	9.23	7.96	3.4	2.511	95.0
911	1/20/2013 23:01:34	8.18	46.34	29.78	9.29	7.96	3.4	2.457	95.6
912	1/20/2013 23:16:34	8.14	46.04	29.57	9.64	7.99	3.4	2.422	99.0
913	1/20/2013 23:31:34	8.18	46.18	29.67	9.38	7.98	2.9	2.404	96.5
914	1/20/2013 23:46:34	8.01	45.97	29.50	9.47	7.99	3.7	2.374	96.9
915	1/21/2013 0:01:34	8.10	46.03	29.56	9.36	7.97	2.9	2.333	96.0
916	1/21/2013 0:16:34	8.19	46.43	29.85	9.16	7.95	2.8	2.354	94.3
917	1/21/2013 0:31:34	7.97	46.01	29.53	9.44	7.99	3.9	2.350	96.5
918	1/21/2013 0:46:34	7.85	45.89	29.44	9.65	7.99	3.2	2.342	98.3
919	1/21/2013 1:01:34	7.85	45.90	29.44	9.63	7.99	3.2	2.361	98.2
920	1/21/2013 1:16:34	8.17	46.45	29.86	9.15	7.95	3.2	2.399	94.2
921	1/21/2013 1:31:34	8.16	46.48	29.88	9.14	7.95	3.4	2.433	94.1
922	1/21/2013 1:46:34	8.07	46.36	29.79	9.24	7.96	3.5	2.462	94.8
923	1/21/2013 2:01:34	7.96	46.17	29.64	9.38	7.97	3.4	2.498	96.0
924	1/21/2013 2:16:34	8.04	46.44	29.84	9.22	7.96	3.4	2.522	94.6
925	1/21/2013 2:31:34	8.21	46.81	30.12	8.95	7.93	3.4	2.556	92.4
926	1/21/2013 2:46:34	8.25	47.09	30.32	8.86	7.93	3.6	2.623	91.7
927	1/21/2013 3:01:34	8.21	47.02	30.27	8.95	7.93	3.4	2.684	92.4
928	1/21/2013 3:16:34	8.27	47.20	30.40	8.89	7.93	3.4	2.728	92.1
929	1/21/2013 3:31:34	8.28	47.29	30.47	8.86	7.93	3.3	2.788	91.8
930	1/21/2013 3:46:34	8.31	47.42	30.56	8.81	7.92	3.5	2.844	91.4
931	1/21/2013 4:01:34	8.18	47.36	30.51	8.90	7.93	3.8	2.878	92.0
932	1/21/2013 4:16:34	8.16	47.46	30.58	8.96	7.93	3.4	2.949	92.6
933	1/21/2013 4:31:34	8.24	47.69	30.75	8.94	7.93	3.6	3.004	92.7
934	1/21/2013 4:46:34	8.29	47.92	30.92	8.94	7.93	3.5	3.086	92.9
935	1/21/2013 5:01:34	8.47	48.31	31.21	8.92	7.93	3.7	3.153	93.3
936	1/21/2013 5:16:34	8.61	48.59	31.43	8.92	7.93	4.3	3.215	93.7
937	1/21/2013 5:31:34	8.63	48.66	31.48	8.93	7.93	4.3	3.272	93.8
938	1/21/2013 5:46:34	8.62	48.73	31.53	8.96	7.93	4.5	3.336	94.2
939	1/21/2013 6:01:34	8.62	48.82	31.59	8.98	7.93	4.5	3.387	94.4
940	1/21/2013 6:16:34	8.64	48.92	31.67	9.00	7.93	4.4	3.449	94.8
941	1/21/2013 6:31:34	8.64	48.96	31.69	9.01	7.93	4.7	3.471	94.8
942	1/21/2013 6:46:34	8.63	49.00	31.72	9.00	7.93	4.0	3.517	94.7
943	1/21/2013 7:01:34	8.62	49.03	31.74	9.01	7.93	3.8	3.513	94.8
944	1/21/2013 7:16:34	8.61	48.99	31.71	8.94	7.92	4.4	3.525	94.0
945	1/21/2013 7:31:34	8.63	49.07	31.77	8.95	7.92	4.8	3.550	94.3
946	1/21/2013 7:46:34	8.64	49.08	31.78	8.97	7.92	4.7	3.512	94.5
947	1/21/2013 8:01:34	8.60	48.90	31.64	8.97	7.92	5.5	3.466	94.3
948	1/21/2013 8:16:34	8.24	48.10	31.04	8.91	7.92	4.2	3.439	92.6
949	1/21/2013 8:31:34	8.43	48.38	31.26	8.90	7.92	4.2	3.376	92.9
950	1/21/2013 8:46:34	8.45	48.34	31.23	8.89	7.92	4.5	3.322	92.9
951	1/21/2013 9:01:34	8.28	47.99	30.97	8.90	7.92	4.2	3.244	92.5
952	1/21/2013 9:16:34	8.12	47.62	30.69	8.96	7.93	4.0	3.176	92.6
953	1/21/2013 9:31:34	8.17	47.68	30.73	8.95	7.93	3.5	3.088	92.7

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
954	1/21/2013 9:46:34	8.23	47.66	30.73	8.97	7.93	3.2	3.012	93.0
955	1/21/2013 10:01:34	8.21	47.56	30.65	9.02	7.93	3.2	2.929	93.4
956	1/21/2013 10:16:34	8.26	47.52	30.63	9.08	7.94	3.3	2.859	94.1
957	1/21/2013 10:31:34	8.22	47.35	30.50	9.14	7.94	4.1	2.742	94.5
958	1/21/2013 10:46:34	8.39	47.73	30.79	9.26	7.95	3.3	2.664	96.3
959	1/21/2013 11:01:34	8.23	47.13	30.35	9.41	7.97	3.7	2.575	97.3
960	1/21/2013 11:16:34	8.39	47.13	30.36	9.52	7.98	3.4	2.484	98.8
961	1/21/2013 11:31:34	8.03	46.36	29.78	9.68	7.99	3.8	2.380	99.3
962	1/21/2013 11:46:34	8.34	46.58	29.97	9.90	8.01	3.4	2.296	102.3
963	1/21/2013 12:01:34	8.22	46.22	29.70	9.97	8.02	3.5	2.205	102.6
964	1/21/2013 12:16:34	8.22	46.06	29.58	10.16	8.03	3.5	2.093	104.5
965	1/21/2013 12:31:34	8.52	46.22	29.73	10.27	8.05	3.7	2.018	106.5
966	1/21/2013 12:46:34	8.56	46.13	29.67	10.39	8.05	3.5	1.937	107.8
967	1/21/2013 13:01:34	8.48	45.98	29.55	10.51	8.07	3.4	1.841	108.7
968	1/21/2013 13:16:34	8.67	46.00	29.58	10.69	8.08	4.1	1.765	111.1
969	1/21/2013 13:31:34	8.48	45.73	29.37	10.67	8.08	3.6	1.705	110.3
970	1/21/2013 13:46:34	8.46	45.75	29.39	10.69	8.09	4.0	1.658	110.5
971	1/21/2013 14:01:34	8.67	45.75	29.40	10.72	8.10	5.9	1.614	111.2
972	1/21/2013 14:16:34	8.70	45.78	29.42	10.66	8.09	4.6	1.616	110.7
973	1/21/2013 14:31:33	8.51	45.82	29.44	10.63	8.08	3.4	1.602	109.9
974	1/21/2013 14:46:34	8.35	45.83	29.44	10.52	8.07	3.6	1.630	108.4
975	1/21/2013 15:01:34	8.44	45.86	29.46	10.58	8.07	3.6	1.678	109.3
976	1/21/2013 15:16:34	8.38	45.84	29.44	10.51	8.07	3.4	1.687	108.4
977	1/21/2013 15:31:34	8.32	45.83	29.43	10.39	8.05	3.7	1.749	107.0
978	1/21/2013 15:46:34	8.27	45.17	28.96	10.29	8.04	4.0	1.809	105.6
979	1/21/2013 16:01:34	8.26	45.18	28.96	10.26	8.04	4.0	1.859	105.2
980	1/21/2013 16:16:34	8.20	45.41	29.12	10.23	8.04	4.0	1.921	104.9
981	1/21/2013 16:31:34	8.16	45.41	29.12	10.15	8.03	3.7	1.969	103.9
982	1/21/2013 16:46:34	8.15	45.51	29.20	10.11	8.03	3.7	2.025	103.5
983	1/21/2013 17:01:34	8.16	45.38	29.10	10.06	8.02	3.7	2.080	103.0
984	1/21/2013 17:16:34	8.14	45.56	29.23	10.01	8.02	3.4	2.126	102.5
985	1/21/2013 17:31:34	8.15	45.75	29.36	9.84	8.01	3.4	2.194	100.9
986	1/21/2013 17:46:34	8.18	45.97	29.52	9.73	8.00	3.7	2.255	99.9
987	1/21/2013 18:01:34	8.21	46.23	29.71	9.62	7.98	3.4	2.315	99.0
988	1/21/2013 18:16:34	8.23	46.73	30.07	9.34	7.96	3.7	2.378	96.4
989	1/21/2013 18:31:34	8.23	46.75	30.08	9.32	7.96	3.7	2.438	96.2
990	1/21/2013 18:46:34	8.23	46.80	30.11	9.33	7.96	3.7	2.493	96.3
991	1/21/2013 19:01:34	8.22	46.84	30.14	9.32	7.96	3.7	2.546	96.2
992	1/21/2013 19:16:34	8.21	46.96	30.23	9.29	7.95	3.7	2.599	96.0
993	1/21/2013 19:31:34	8.22	47.00	30.26	9.27	7.95	3.5	2.651	95.7
994	1/21/2013 19:46:34	8.23	47.13	30.35	9.22	7.95	3.5	2.680	95.3
995	1/21/2013 20:01:34	8.23	47.15	30.36	9.20	7.95	3.6	2.745	95.1
996	1/21/2013 20:16:34	8.25	47.19	30.40	9.18	7.94	3.6	2.771	95.0
997	1/21/2013 20:31:34	8.29	47.28	30.46	9.15	7.94	3.7	2.806	94.8
998	1/21/2013 20:46:34	8.29	47.32	30.49	9.13	7.94	3.6	2.832	94.6
999	1/21/2013 21:01:34	8.30	47.35	30.51	9.09	7.94	3.2	2.842	94.2
1000	1/21/2013 21:16:34	8.27	47.22	30.42	9.05	7.94	4.0	2.881	93.7
1001	1/21/2013 21:31:34	8.28	47.29	30.47	8.98	7.94	3.3	2.880	93.0
1002	1/21/2013 21:46:34	8.31	47.45	30.59	8.95	7.93	3.4	2.854	92.9
1003	1/21/2013 22:01:34	8.23	47.20	30.40	9.03	7.94	3.5	2.841	93.4
1004	1/21/2013 22:16:34	7.98	46.70	30.02	9.15	7.95	3.7	2.820	93.9
1005	1/21/2013 22:31:34	7.96	46.50	29.88	9.20	7.95	3.7	2.796	94.2
1006	1/21/2013 22:46:34	8.02	46.67	30.00	9.24	7.96	3.8	2.738	94.9

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1007	1/21/2013 23:01:34	8.18	47.03	30.27	9.15	7.95	3.4	2.702	94.4
1008	1/21/2013 23:16:34	8.11	46.78	30.09	9.23	7.96	3.5	2.668	95.1
1009	1/21/2013 23:31:34	8.14	46.87	30.16	9.24	7.96	3.4	2.610	95.2
1010	1/21/2013 23:46:34	8.13	46.79	30.10	9.26	7.96	3.5	2.570	95.4
1011	1/22/2013 0:01:34	8.06	46.64	29.99	9.34	7.97	4.0	2.535	96.0
1012	1/22/2013 0:16:34	7.99	46.49	29.88	9.43	7.98	4.1	2.506	96.7
1013	1/22/2013 0:31:34	8.05	46.40	29.82	9.53	7.99	3.7	2.485	97.8
1014	1/22/2013 0:46:34	8.10	46.39	29.81	9.59	8.00	3.5	2.438	98.6
1015	1/22/2013 1:01:34	8.13	46.63	29.99	9.24	7.96	2.5	2.438	95.1
1016	1/22/2013 1:16:34	8.11	46.75	30.07	9.23	7.96	3.2	2.429	95.1
1017	1/22/2013 1:31:34	8.05	46.69	30.02	9.31	7.97	3.3	2.435	95.7
1018	1/22/2013 1:46:34	7.89	46.34	29.76	9.49	7.98	3.2	2.461	97.0
1019	1/22/2013 2:01:34	7.82	46.23	29.68	9.49	7.98	2.8	2.451	96.8
1020	1/22/2013 2:16:34	7.83	46.13	29.60	9.45	7.98	2.9	2.468	96.4
1021	1/22/2013 2:31:34	8.05	46.67	30.01	9.27	7.96	3.4	2.496	95.2
1022	1/22/2013 2:46:34	8.13	46.83	30.13	9.19	7.95	3.5	2.512	94.7
1023	1/22/2013 3:01:34	8.04	46.72	30.04	9.25	7.96	3.5	2.544	95.1
1024	1/22/2013 3:16:34	8.13	46.87	30.16	9.20	7.95	3.6	2.580	94.8
1025	1/22/2013 3:31:34	7.99	46.71	30.03	9.28	7.96	3.4	2.633	95.2
1026	1/22/2013 3:46:34	8.11	46.98	30.24	9.13	7.94	3.7	2.667	94.1
1027	1/22/2013 4:01:34	8.17	47.24	30.43	9.13	7.94	3.5	2.714	94.3
1028	1/22/2013 4:16:34	8.18	47.31	30.47	9.15	7.94	3.7	2.785	94.6
1029	1/22/2013 4:31:34	8.11	47.25	30.43	9.19	7.94	3.8	2.838	94.8
1030	1/22/2013 4:46:34	8.17	47.48	30.59	9.17	7.94	3.7	2.899	94.8
1031	1/22/2013 5:01:34	8.27	47.80	30.83	9.16	7.94	3.5	2.953	95.1
1032	1/22/2013 5:16:34	8.49	48.33	31.23	9.17	7.93	4.5	3.030	95.9
1033	1/22/2013 5:31:34	8.53	48.48	31.34	9.20	7.94	4.2	3.101	96.4
1034	1/22/2013 5:46:34	8.56	48.58	31.41	9.21	7.94	4.3	3.176	96.6
1035	1/22/2013 6:01:34	8.55	48.63	31.45	9.22	7.94	4.5	3.244	96.7
1036	1/22/2013 6:16:34	8.55	48.69	31.49	9.24	7.94	5.2	3.302	96.9
1037	1/22/2013 6:31:34	8.54	48.76	31.54	9.24	7.94	5.2	3.357	97.0
1038	1/22/2013 6:46:34	8.56	48.83	31.59	9.25	7.94	4.6	3.421	97.1
1039	1/22/2013 7:01:34	8.58	48.93	31.66	9.26	7.94	4.8	3.463	97.3
1040	1/22/2013 7:16:34	8.57	48.97	31.69	9.26	7.94	4.8	3.504	97.4
1041	1/22/2013 7:31:34	8.56	49.02	31.73	9.25	7.94	4.7	3.543	97.2
1042	1/22/2013 7:46:34	8.56	49.09	31.78	9.25	7.94	4.0	3.572	97.2
1043	1/22/2013 8:01:34	8.56	49.09	31.77	9.23	7.94	5.1	3.584	97.1
1044	1/22/2013 8:16:34	8.55	49.05	31.75	9.16	7.94	4.7	3.582	96.3
1045	1/22/2013 8:31:34	8.55	48.93	31.66	9.17	7.94	4.8	3.562	96.3
1046	1/22/2013 8:46:34	8.47	48.77	31.54	9.14	7.93	5.7	3.533	95.7
1047	1/22/2013 9:01:34	8.37	48.51	31.35	9.10	7.93	4.6	3.504	95.0
1048	1/22/2013 9:16:34	8.37	48.57	31.39	9.11	7.93	5.4	3.445	95.2
1049	1/22/2013 9:31:34	8.23	48.13	31.07	9.13	7.93	4.5	3.382	94.9
1050	1/22/2013 9:46:34	8.28	48.10	31.04	8.96	7.92	4.6	3.318	93.2
1051	1/22/2013 10:01:34	8.24	47.80	30.83	9.11	7.93	3.8	3.254	94.5
1052	1/22/2013 10:16:34	8.08	47.31	30.46	9.28	7.95	3.3	3.167	95.7
1053	1/22/2013 10:31:34	8.13	47.23	30.41	9.36	7.96	3.4	3.075	96.5
1054	1/22/2013 10:46:34	8.18	47.25	30.43	9.44	7.97	3.1	3.003	97.6
1055	1/22/2013 11:01:34	8.28	47.46	30.59	9.46	7.97	3.2	2.903	98.0
1056	1/22/2013 11:16:34	8.30	47.50	30.62	9.49	7.97	3.5	2.803	98.5
1057	1/22/2013 11:31:34	8.30	47.41	30.55	9.54	7.97	3.5	2.700	98.9
1058	1/22/2013 11:46:34	8.35	47.32	30.49	9.69	7.99	3.3	2.608	100.6
1059	1/22/2013 12:01:34	8.38	47.33	30.50	9.83	8.00	3.3	2.509	102.1

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1060	1/22/2013 12:16:34	8.35	47.00	30.26	9.97	8.01	3.4	2.399	103.3
1061	1/22/2013 12:31:34	8.37	46.86	30.17	10.09	8.03	3.9	2.286	104.6
1062	1/22/2013 12:46:34	8.33	46.73	30.07	10.09	8.03	4.1	2.188	104.4
1063	1/22/2013 13:01:34	8.35	46.55	29.94	10.31	8.05	4.0	2.075	106.6
1064	1/22/2013 13:16:34	8.48	46.68	30.05	10.46	8.06	4.0	1.968	108.5
1065	1/22/2013 13:31:34	8.34	46.40	29.84	10.43	8.06	3.8	1.875	107.8
1066	1/22/2013 13:46:34	8.39	46.28	29.76	10.67	8.08	3.7	1.770	110.3
1067	1/22/2013 14:01:34	8.46	46.22	29.72	10.94	8.11	4.1	1.679	113.3
1068	1/22/2013 14:16:34	8.35	46.07	29.60	10.93	8.11	4.3	1.613	112.8
1069	1/22/2013 14:31:34	8.35	46.03	29.58	10.97	8.12	3.6	1.567	113.1
1070	1/22/2013 14:46:34	8.37	46.02	29.57	11.00	8.12	3.5	1.517	113.6
1071	1/22/2013 15:01:34	8.36	45.98	29.54	11.03	8.13	3.8	1.500	113.8
1072	1/22/2013 15:16:34	8.39	46.03	29.58	11.03	8.12	3.5	1.507	113.9
1073	1/22/2013 15:31:34	8.38	46.07	29.61	10.96	8.11	3.4	1.501	113.2
1074	1/22/2013 15:46:34	8.31	46.08	29.61	10.85	8.10	3.2	1.528	111.9
1075	1/22/2013 16:01:34	8.28	46.07	29.60	10.80	8.10	3.2	1.591	111.2
1076	1/22/2013 16:16:34	8.23	46.05	29.58	10.61	8.08	3.1	1.623	109.1
1077	1/22/2013 16:31:34	8.23	45.93	29.50	10.54	8.08	3.2	1.695	108.4
1078	1/22/2013 16:46:34	8.23	46.04	29.57	10.48	8.07	3.1	1.759	107.8
1079	1/22/2013 17:01:34	8.20	45.39	29.11	10.37	8.06	3.7	1.816	106.3
1080	1/22/2013 17:16:34	8.21	45.95	29.51	10.27	8.05	3.5	1.896	105.6
1081	1/22/2013 17:31:34	8.22	46.06	29.59	10.19	8.04	3.5	1.949	104.8
1082	1/22/2013 17:46:34	8.21	45.95	29.51	10.16	8.04	3.4	2.020	104.4
1083	1/22/2013 18:01:34	8.20	46.32	29.77	9.94	8.02	3.7	2.091	102.3
1084	1/22/2013 18:16:34	8.22	46.48	29.89	9.82	8.00	3.7	2.150	101.2
1085	1/22/2013 18:31:34	8.24	46.61	29.98	9.74	8.00	3.6	2.220	100.5
1086	1/22/2013 18:46:34	8.25	46.71	30.05	9.65	7.99	3.8	2.295	99.6
1087	1/22/2013 19:01:34	8.25	46.83	30.13	9.59	7.98	4.2	2.349	99.0
1088	1/22/2013 19:16:34	8.27	46.95	30.22	9.55	7.98	4.0	2.417	98.7
1089	1/22/2013 19:31:34	8.28	47.02	30.27	9.54	7.97	4.1	2.482	98.7
1090	1/22/2013 19:46:34	8.28	47.05	30.30	9.56	7.97	3.9	2.546	98.9
1091	1/22/2013 20:01:34	8.29	47.11	30.34	9.55	7.97	4.2	2.609	98.8
1092	1/22/2013 20:16:34	8.29	47.22	30.42	9.50	7.97	4.1	2.678	98.4
1093	1/22/2013 20:31:34	8.30	47.26	30.45	9.47	7.97	4.2	2.733	98.1
1094	1/22/2013 20:46:34	8.31	47.35	30.51	9.43	7.96	4.3	2.798	97.8
1095	1/22/2013 21:01:34	8.33	47.47	30.60	9.39	7.96	4.6	2.857	97.5
1096	1/22/2013 21:16:34	8.35	47.56	30.66	9.37	7.96	4.5	2.906	97.4
1097	1/22/2013 21:31:34	8.37	47.64	30.72	9.34	7.95	4.2	2.938	97.2
1098	1/22/2013 21:46:34	8.38	47.71	30.77	9.34	7.95	4.2	2.981	97.2
1099	1/22/2013 22:01:34	8.39	47.74	30.80	9.33	7.95	3.6	3.003	97.1
1100	1/22/2013 22:16:34	8.39	47.77	30.82	9.27	7.95	3.1	3.009	96.5
1101	1/22/2013 22:31:34	8.39	47.75	30.81	9.23	7.95	3.8	2.989	96.1
1102	1/22/2013 22:46:34	8.38	47.71	30.77	9.25	7.95	3.8	3.001	96.2
1103	1/22/2013 23:01:34	8.39	47.75	30.80	9.26	7.95	3.8	2.975	96.3
1104	1/22/2013 23:16:34	8.31	47.28	30.47	9.29	7.95	3.9	2.925	96.3
1105	1/22/2013 23:31:34	8.32	47.36	30.52	9.33	7.96	4.2	2.875	96.8
1106	1/22/2013 23:46:34	8.29	47.15	30.37	9.33	7.96	4.0	2.821	96.6
1107	1/23/2013 0:01:34	8.23	47.13	30.35	9.40	7.97	4.0	2.776	97.2
1108	1/23/2013 0:16:34	8.22	47.13	30.35	9.36	7.96	4.2	2.724	96.7
1109	1/23/2013 0:31:34	8.22	47.17	30.38	9.36	7.96	3.9	2.669	96.8
1110	1/23/2013 0:46:34	8.28	47.12	30.34	9.43	7.97	3.7	2.626	97.6
1111	1/23/2013 1:01:34	8.27	46.97	30.24	9.50	7.98	3.5	2.571	98.2
1112	1/23/2013 1:16:34	8.24	46.94	30.21	9.49	7.98	3.6	2.552	98.0

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1113	1/23/2013 1:31:34	8.21	46.81	30.12	9.48	7.98	3.4	2.523	97.8
1114	1/23/2013 1:46:34	8.20	46.68	30.03	9.44	7.98	3.1	2.473	97.4
1115	1/23/2013 2:01:34	8.19	46.72	30.05	9.40	7.98	3.2	2.461	96.9
1116	1/23/2013 2:16:34	8.18	46.66	30.01	9.35	7.98	2.9	2.456	96.4
1117	1/23/2013 2:31:34	8.23	46.85	30.15	9.32	7.97	2.8	2.450	96.3
1118	1/23/2013 2:46:34	8.23	46.87	30.17	9.39	7.97	2.9	2.431	97.0
1119	1/23/2013 3:01:34	8.22	46.85	30.15	9.40	7.97	3.2	2.453	97.0
1120	1/23/2013 3:16:34	8.24	46.96	30.23	9.39	7.97	3.4	2.476	97.0
1121	1/23/2013 3:31:34	8.24	46.94	30.21	9.41	7.97	3.6	2.496	97.3
1122	1/23/2013 3:46:34	8.23	46.96	30.23	9.39	7.97	3.8	2.535	97.0
1123	1/23/2013 4:01:34	8.22	46.85	30.15	9.44	7.97	3.6	2.575	97.5
1124	1/23/2013 4:16:34	8.23	46.79	30.10	9.44	7.97	3.9	2.634	97.4
1125	1/23/2013 4:31:34	8.26	46.99	30.25	9.40	7.96	3.7	2.688	97.2
1126	1/23/2013 4:46:34	8.29	47.13	30.36	9.39	7.96	4.3	2.738	97.2
1127	1/23/2013 5:01:34	8.34	47.37	30.53	9.35	7.96	3.5	2.784	97.0
1128	1/23/2013 5:16:34	8.43	47.85	30.88	9.28	7.95	4.2	2.865	96.7
1129	1/23/2013 5:31:34	8.47	48.06	31.03	9.28	7.95	4.3	2.917	96.9
1130	1/23/2013 5:46:34	8.50	48.11	31.07	9.28	7.95	4.3	2.969	97.0
1131	1/23/2013 6:01:34	8.52	48.25	31.18	9.28	7.95	4.0	3.059	97.1
1132	1/23/2013 6:16:33	8.54	48.34	31.24	9.27	7.95	4.8	3.128	97.1
1133	1/23/2013 6:31:33	8.57	48.41	31.29	9.26	7.95	4.6	3.194	97.1
1134	1/23/2013 6:46:33	8.61	48.53	31.38	9.25	7.95	5.1	3.238	97.1
1135	1/23/2013 7:01:33	8.72	48.79	31.57	9.23	7.95	5.2	3.315	97.3
1136	1/23/2013 7:16:33	8.78	48.96	31.71	9.21	7.95	5.3	3.397	97.2
1137	1/23/2013 7:31:34	8.85	49.13	31.83	9.17	7.95	4.6	3.423	97.1
1138	1/23/2013 7:46:33	8.89	49.25	31.92	9.14	7.95	4.6	3.500	96.9
1139	1/23/2013 8:01:33	8.95	49.37	32.01	9.12	7.95	4.8	3.553	96.9
1140	1/23/2013 8:16:33	9.00	49.46	32.08	9.10	7.95	4.0	3.586	96.8
1141	1/23/2013 8:31:34	9.00	49.48	32.09	9.07	7.96	4.0	3.606	96.5
1142	1/23/2013 8:46:33	9.02	49.50	32.11	9.06	7.95	3.5	3.646	96.4
1143	1/23/2013 9:01:33	9.04	49.53	32.14	9.02	7.95	3.2	3.651	96.1
1144	1/23/2013 9:16:33	9.01	49.46	32.08	8.97	7.95	4.0	3.637	95.5
1145	1/23/2013 9:31:34	9.00	49.46	32.08	9.02	7.95	4.1	3.631	95.9
1146	1/23/2013 9:46:33	8.94	49.01	31.75	9.10	7.95	4.2	3.622	96.4
1147	1/23/2013 10:01:33	8.93	48.91	31.68	9.15	7.95	4.6	3.522	96.9
1148	1/23/2013 10:16:33	8.99	49.13	31.84	9.14	7.95	4.0	3.501	97.1
1149	1/23/2013 10:31:33	9.02	49.17	31.87	9.18	7.95	4.0	3.398	97.5
1150	1/23/2013 10:46:33	8.83	48.42	31.32	9.27	7.95	4.5	3.327	97.8
1151	1/23/2013 11:01:33	8.77	48.20	31.16	9.26	7.95	6.0	3.226	97.5
1152	1/23/2013 11:16:34	8.78	48.32	31.24	9.28	7.95	6.0	3.132	97.7
1153	1/23/2013 11:31:34	8.74	48.30	31.22	9.28	7.95	5.5	3.030	97.6
1154	1/23/2013 11:46:33	8.73	48.12	31.09	9.29	7.95	7.3	2.935	97.6
1155	1/23/2013 12:01:34	8.72	47.72	30.81	9.35	7.96	7.6	2.819	98.0
1156	1/23/2013 12:16:34	8.74	47.77	30.84	9.38	7.96	8.4	2.732	98.4
1157	1/23/2013 12:31:33	8.80	48.02	31.03	9.38	7.96	10.3	2.617	98.7
1158	1/23/2013 12:46:33	8.73	47.19	30.43	9.46	7.97	12.8	2.523	99.0
1159	1/23/2013 13:01:33	8.81	47.46	30.63	9.46	7.97	11.6	2.400	99.3
1160	1/23/2013 13:16:34	8.77	47.12	30.38	9.55	7.98	11.0	2.277	100.0
1161	1/23/2013 13:31:34	8.82	47.14	30.41	9.57	7.99	11.2	2.163	100.3
1162	1/23/2013 13:46:33	8.75	46.55	29.98	9.64	8.00	10.2	2.076	100.6
1163	1/23/2013 14:01:34	8.87	46.94	30.26	9.67	8.01	9.7	1.959	101.4
1164	1/23/2013 14:16:34	8.79	46.32	29.81	9.77	8.02	9.6	1.831	101.9
1165	1/23/2013 14:31:34	8.80	46.17	29.71	9.81	8.03	9.5	1.742	102.3

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1166	1/23/2013 14:46:34	8.82	46.06	29.63	9.84	8.04	9.2	1.658	102.6
1167	1/23/2013 15:01:34	8.82	46.03	29.61	9.86	8.04	9.0	1.556	102.9
1168	1/23/2013 15:16:34	8.82	45.92	29.53	9.85	8.04	9.0	1.486	102.6
1169	1/23/2013 15:31:34	8.82	45.93	29.54	9.83	8.04	8.6	1.471	102.5
1170	1/23/2013 15:46:34	8.79	45.88	29.50	9.81	8.04	7.2	1.436	102.2
1171	1/23/2013 16:01:34	8.82	45.92	29.53	9.87	8.04	6.9	1.433	102.9
1172	1/23/2013 16:16:34	8.80	45.92	29.53	9.87	8.04	7.1	1.466	102.9
1173	1/23/2013 16:31:33	8.78	45.90	29.51	9.84	8.03	6.5	1.493	102.5
1174	1/23/2013 16:46:33	8.77	45.89	29.51	9.82	8.03	6.5	1.516	102.2
1175	1/23/2013 17:01:33	8.77	45.90	29.51	9.78	8.02	7.3	1.609	101.8
1176	1/23/2013 17:16:33	8.76	45.78	29.43	9.76	8.02	6.8	1.699	101.6
1177	1/23/2013 17:31:33	8.82	45.07	28.93	9.75	8.02	7.1	1.765	101.2
1178	1/23/2013 17:46:33	8.83	45.05	28.92	9.72	8.01	6.7	1.828	100.9
1179	1/23/2013 18:01:33	8.79	45.44	29.19	9.68	8.01	6.4	1.900	100.6
1180	1/23/2013 18:16:33	8.80	45.53	29.25	9.65	8.01	6.6	1.979	100.4
1181	1/23/2013 18:31:33	8.77	45.75	29.41	9.63	8.00	7.3	2.054	100.1
1182	1/23/2013 18:46:34	8.75	45.90	29.52	9.60	8.00	7.3	2.126	99.9
1183	1/23/2013 19:01:33	8.73	46.24	29.76	9.52	7.99	7.1	2.195	99.2
1184	1/23/2013 19:16:34	8.73	46.51	29.94	9.45	7.97	7.0	2.245	98.6
1185	1/23/2013 19:31:33	8.74	46.62	30.02	9.42	7.97	7.4	2.348	98.3
1186	1/23/2013 19:46:34	8.75	46.68	30.07	9.42	7.97	7.8	2.409	98.4
1187	1/23/2013 20:01:34	8.75	46.73	30.11	9.41	7.96	7.8	2.484	98.3
1188	1/23/2013 20:16:34	8.76	46.76	30.13	9.41	7.96	7.4	2.567	98.3
1189	1/23/2013 20:31:34	8.75	46.81	30.16	9.40	7.96	7.5	2.621	98.3
1190	1/23/2013 20:46:33	8.74	46.92	30.24	9.38	7.96	7.0	2.692	98.1
1191	1/23/2013 21:01:34	8.74	47.16	30.41	9.36	7.96	7.7	2.760	97.9
1192	1/23/2013 21:16:33	8.75	47.25	30.47	9.33	7.95	7.5	2.817	97.7
1193	1/23/2013 21:31:34	8.76	47.33	30.53	9.32	7.95	8.1	2.895	97.6
1194	1/23/2013 21:46:33	8.77	47.43	30.61	9.31	7.95	7.6	2.947	97.6
1195	1/23/2013 22:01:33	8.78	47.49	30.65	9.30	7.95	7.0	2.996	97.6
1196	1/23/2013 22:16:33	8.79	47.62	30.74	9.29	7.95	5.9	3.056	97.5
1197	1/23/2013 22:31:34	8.79	47.66	30.77	9.25	7.95	5.9	3.096	97.2
1198	1/23/2013 22:46:34	8.80	47.74	30.83	9.26	7.95	5.0	3.117	97.3
1199	1/23/2013 23:01:34	8.83	47.82	30.89	9.20	7.95	4.9	3.129	96.8
1200	1/23/2013 23:16:34	8.84	47.90	30.95	9.18	7.95	5.2	3.110	96.5
1201	1/23/2013 23:31:33	8.83	47.88	30.93	9.17	7.94	5.6	3.094	96.5
1202	1/23/2013 23:46:33	8.81	47.81	30.88	9.21	7.95	6.5	3.080	96.8
1203	1/24/2013 0:01:34	8.80	47.72	30.82	9.21	7.95	6.8	3.020	96.8
1204	1/24/2013 0:16:34	8.78	47.21	30.45	9.22	7.95	7.3	2.948	96.6
1205	1/24/2013 0:31:33	8.76	47.18	30.42	9.19	7.94	8.1	2.900	96.2
1206	1/24/2013 0:46:34	8.77	47.22	30.46	9.21	7.95	8.2	2.817	96.5
1207	1/24/2013 1:01:34	8.78	47.10	30.37	9.21	7.95	7.5	2.775	96.4
1208	1/24/2013 1:16:33	8.78	46.97	30.28	9.22	7.95	7.1	2.710	96.5
1209	1/24/2013 1:31:33	8.77	46.85	30.19	9.23	7.95	6.5	2.656	96.5
1210	1/24/2013 1:46:34	8.76	46.69	30.08	9.23	7.96	6.2	2.603	96.4
1211	1/24/2013 2:01:33	8.77	46.60	30.01	9.21	7.95	6.2	2.545	96.1
1212	1/24/2013 2:16:33	8.78	46.63	30.04	9.15	7.94	7.0	2.524	95.6
1213	1/24/2013 2:31:34	8.78	46.50	29.94	9.18	7.95	6.4	2.477	95.8
1214	1/24/2013 2:46:33	8.78	46.45	29.91	9.17	7.95	6.1	2.447	95.7
1215	1/24/2013 3:01:34	8.77	46.33	29.82	9.15	7.96	5.6	2.445	95.5
1216	1/24/2013 3:16:34	8.77	46.31	29.81	9.16	7.96	4.8	2.426	95.5
1217	1/24/2013 3:31:34	8.77	46.46	29.92	9.18	7.95	5.4	2.399	95.8
1218	1/24/2013 3:46:33	8.77	46.53	29.96	9.22	7.95	5.4	2.413	96.2

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1219	1/24/2013 4:01:34	8.77	46.60	30.01	9.22	7.95	5.7	2.445	96.3
1220	1/24/2013 4:16:33	8.77	46.50	29.94	9.20	7.95	5.9	2.459	96.1
1221	1/24/2013 4:31:33	8.77	46.64	30.04	9.20	7.95	6.2	2.516	96.1
1222	1/24/2013 4:46:34	8.77	46.42	29.88	9.21	7.95	6.0	2.557	96.2
1223	1/24/2013 5:01:34	8.77	46.64	30.04	9.21	7.95	5.5	2.609	96.3
1224	1/24/2013 5:16:33	8.78	46.63	30.03	9.22	7.95	6.1	2.662	96.3
1225	1/24/2013 5:31:34	8.78	46.83	30.18	9.22	7.95	6.0	2.729	96.4
1226	1/24/2013 5:46:34	8.79	46.95	30.26	9.21	7.95	6.2	2.788	96.4
1227	1/24/2013 6:01:33	8.81	47.12	30.39	9.20	7.95	5.6	2.852	96.4
1228	1/24/2013 6:16:34	8.85	47.58	30.72	9.19	7.94	6.5	2.928	96.6
1229	1/24/2013 6:31:33	8.88	47.81	30.88	9.19	7.94	6.8	3.006	96.8
1230	1/24/2013 6:46:33	8.92	48.12	31.11	9.17	7.94	6.5	3.057	96.8
1231	1/24/2013 7:01:34	8.94	48.25	31.20	9.16	7.94	6.1	3.154	96.8
1232	1/24/2013 7:16:34	8.97	48.42	31.33	9.14	7.94	6.7	3.220	96.7
1233	1/24/2013 7:31:33	9.01	48.56	31.44	9.12	7.94	8.3	3.272	96.6
1234	1/24/2013 7:46:34	9.01	48.67	31.51	9.11	7.94	8.2	3.345	96.6
1235	1/24/2013 8:01:34	9.04	48.84	31.64	9.09	7.94	6.9	3.429	96.5
1236	1/24/2013 8:16:34	9.06	48.91	31.69	9.08	7.94	6.3	3.496	96.5
1237	1/24/2013 8:31:34	9.07	48.94	31.71	9.05	7.94	5.9	3.537	96.2
1238	1/24/2013 8:46:34	9.10	49.11	31.83	9.04	7.94	6.2	3.590	96.3
1239	1/24/2013 9:01:34	9.12	49.20	31.90	9.02	7.94	6.0	3.644	96.1
1240	1/24/2013 9:16:34	9.14	49.31	31.98	9.00	7.94	5.7	3.674	96.0
1241	1/24/2013 9:31:34	9.15	49.34	32.01	8.97	7.94	5.0	3.695	95.7
1242	1/24/2013 9:46:34	9.12	49.18	31.89	8.92	7.94	5.1	3.691	95.0
1243	1/24/2013 10:01:34	9.14	49.32	31.99	8.90	7.93	5.6	3.686	94.9
1244	1/24/2013 10:16:34	9.14	49.31	31.98	8.94	7.94	5.7	3.661	95.3
1245	1/24/2013 10:31:34	9.09	48.71	31.54	9.05	7.94	6.3	3.615	96.1
1246	1/24/2013 10:46:34	9.06	48.30	31.25	9.19	7.95	4.9	3.543	97.4
1247	1/24/2013 11:01:34	9.06	48.13	31.13	9.19	7.95	5.1	3.475	97.3
1248	1/24/2013 11:16:34	9.09	48.18	31.17	9.20	7.95	4.9	3.408	97.5
1249	1/24/2013 11:31:34	9.07	47.78	30.88	9.21	7.95	5.0	3.307	97.4
1250	1/24/2013 11:46:34	9.06	47.74	30.85	9.23	7.95	6.0	3.203	97.5
1251	1/24/2013 12:01:34	9.09	47.85	30.93	9.30	7.96	5.4	3.085	98.4
1252	1/24/2013 12:16:34	9.09	47.71	30.83	9.33	7.96	5.2	2.994	98.7
1253	1/24/2013 12:31:34	9.09	47.57	30.73	9.37	7.96	5.1	2.885	99.0
1254	1/24/2013 12:46:34	9.13	47.42	30.63	9.44	7.97	6.0	2.766	99.7
1255	1/24/2013 13:01:34	9.21	47.44	30.65	9.45	7.97	5.1	2.666	100.1
1256	1/24/2013 13:16:34	9.15	46.99	30.32	9.48	7.98	5.4	2.544	100.1
1257	1/24/2013 13:31:34	9.21	46.96	30.30	9.56	7.99	5.5	2.422	101.0
1258	1/24/2013 13:46:34	9.30	46.73	30.14	9.66	8.00	5.8	2.297	102.2
1259	1/24/2013 14:01:34	9.46	46.56	30.03	9.82	8.02	6.0	2.207	104.1
1260	1/24/2013 14:16:34	9.44	46.20	29.78	9.95	8.03	5.4	2.058	105.3
1261	1/24/2013 14:31:34	9.50	46.37	29.90	9.90	8.03	5.6	1.921	105.0
1262	1/24/2013 14:46:34	9.63	46.30	29.86	10.14	8.05	6.1	1.816	107.8
1263	1/24/2013 15:01:34	9.63	46.12	29.73	10.34	8.06	6.8	1.709	109.8
1264	1/24/2013 15:16:34	9.55	46.00	29.64	10.19	8.06	6.0	1.583	108.0
1265	1/24/2013 15:31:34	9.53	45.83	29.52	10.25	8.07	6.8	1.502	108.5
1266	1/24/2013 15:46:34	9.54	45.73	29.44	10.27	8.08	6.2	1.433	108.8
1267	1/24/2013 16:01:34	9.56	45.61	29.36	10.29	8.08	5.2	1.361	109.0
1268	1/24/2013 16:16:34	9.60	45.53	29.31	10.30	8.09	5.2	1.319	109.1
1269	1/24/2013 16:31:33	9.61	45.46	29.26	10.26	8.09	5.3	1.307	108.6
1270	1/24/2013 16:46:33	9.59	45.62	29.37	10.35	8.08	5.2	1.352	109.6
1271	1/24/2013 17:01:34	9.54	45.70	29.43	10.27	8.07	4.9	1.376	108.7

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1272	1/24/2013 17:16:34	9.47	45.73	29.44	10.18	8.06	4.6	1.424	107.6
1273	1/24/2013 17:31:34	9.44	45.73	29.44	10.14	8.06	4.6	1.497	107.1
1274	1/24/2013 17:46:34	9.44	45.35	29.17	10.04	8.05	4.6	1.572	105.8
1275	1/24/2013 18:01:34	9.45	44.87	28.83	9.91	8.03	5.2	1.646	104.3
1276	1/24/2013 18:16:34	9.43	44.77	28.75	9.82	8.02	5.7	1.713	103.2
1277	1/24/2013 18:31:34	9.42	44.96	28.89	9.82	8.02	5.4	1.785	103.3
1278	1/24/2013 18:46:34	9.41	45.06	28.96	9.80	8.02	5.2	1.865	103.1
1279	1/24/2013 19:01:34	9.39	45.07	28.97	9.75	8.01	6.4	1.935	102.6
1280	1/24/2013 19:16:34	9.38	45.05	28.95	9.72	8.01	5.7	2.016	102.2
1281	1/24/2013 19:31:34	9.32	45.59	29.33	9.56	7.99	5.5	2.098	100.6
1282	1/24/2013 19:46:34	9.27	46.02	29.63	9.46	7.98	5.9	2.185	99.7
1283	1/24/2013 20:01:34	9.19	46.37	29.88	9.35	7.97	6.3	2.272	98.5
1284	1/24/2013 20:16:34	9.18	46.25	29.80	9.36	7.97	6.0	2.353	98.5
1285	1/24/2013 20:31:34	9.16	46.52	29.98	9.33	7.96	6.7	2.445	98.3
1286	1/24/2013 20:46:34	9.16	46.61	30.05	9.33	7.96	7.0	2.531	98.3
1287	1/24/2013 21:01:34	9.14	46.73	30.13	9.30	7.96	7.3	2.618	98.0
1288	1/24/2013 21:16:34	9.13	46.93	30.27	9.26	7.95	7.6	2.690	97.7
1289	1/24/2013 21:31:34	9.15	46.96	30.30	9.24	7.95	7.9	2.768	97.5
1290	1/24/2013 21:46:34	9.15	47.14	30.42	9.21	7.95	8.7	2.837	97.3
1291	1/24/2013 22:01:34	9.16	47.24	30.50	9.19	7.95	8.9	2.908	97.2
1292	1/24/2013 22:16:34	9.17	47.43	30.63	9.17	7.94	8.6	2.971	97.0
1293	1/24/2013 22:31:34	9.19	47.59	30.75	9.17	7.94	7.3	3.026	97.1
1294	1/24/2013 22:46:34	9.23	47.93	31.00	9.17	7.94	7.5	3.077	97.3
1295	1/24/2013 23:01:34	9.25	48.12	31.14	9.15	7.94	6.4	3.128	97.3
1296	1/24/2013 23:16:34	9.28	48.26	31.23	9.15	7.94	6.0	3.150	97.4
1297	1/24/2013 23:31:34	9.29	48.33	31.29	9.12	7.94	4.6	3.162	97.1
1298	1/24/2013 23:46:33	9.28	48.24	31.22	9.07	7.94	6.3	3.170	96.5
1299	1/25/2013 0:01:34	9.29	48.38	31.32	9.05	7.94	6.9	3.173	96.5
1300	1/25/2013 0:16:34	9.29	48.37	31.32	9.10	7.94	7.3	3.115	97.0
1301	1/25/2013 0:31:34	9.23	47.84	30.93	9.07	7.94	6.7	3.070	96.3
1302	1/25/2013 0:46:34	9.14	47.07	30.37	9.04	7.94	6.3	3.024	95.4
1303	1/25/2013 1:01:34	9.12	46.92	30.27	9.07	7.95	6.8	2.955	95.6
1304	1/25/2013 1:16:34	9.12	47.11	30.40	9.07	7.94	5.9	2.884	95.7
1305	1/25/2013 1:31:34	9.15	46.95	30.29	9.11	7.95	7.0	2.813	96.1
1306	1/25/2013 1:46:34	9.16	46.96	30.30	9.11	7.95	6.1	2.750	96.2
1307	1/25/2013 2:01:34	9.16	46.89	30.25	9.10	7.95	5.6	2.684	96.0
1308	1/25/2013 2:16:34	9.14	46.74	30.14	9.08	7.95	5.4	2.622	95.7
1309	1/25/2013 2:31:34	9.12	46.66	30.08	9.07	7.95	5.2	2.571	95.5
1310	1/25/2013 2:46:34	9.14	46.41	29.91	9.12	7.95	5.4	2.522	95.9
1311	1/25/2013 3:01:34	9.15	46.26	29.80	9.13	7.95	4.6	2.472	96.0
1312	1/25/2013 3:16:34	9.14	46.36	29.87	9.08	7.95	4.4	2.430	95.6
1313	1/25/2013 3:31:34	9.17	46.11	29.69	9.11	7.95	4.1	2.400	95.8
1314	1/25/2013 3:46:34	9.17	46.05	29.65	9.09	7.95	4.0	2.366	95.5
1315	1/25/2013 4:01:34	9.18	45.95	29.58	9.06	7.95	4.0	2.354	95.2
1316	1/25/2013 4:16:34	9.15	46.34	29.85	9.11	7.95	4.1	2.351	95.9
1317	1/25/2013 4:31:34	9.14	46.40	29.90	9.07	7.94	4.4	2.366	95.4
1318	1/25/2013 4:46:34	9.14	46.38	29.88	9.10	7.95	4.6	2.394	95.7
1319	1/25/2013 5:01:34	9.14	46.41	29.91	9.08	7.94	4.9	2.423	95.6
1320	1/25/2013 5:16:34	9.14	46.49	29.96	9.08	7.94	5.2	2.464	95.6
1321	1/25/2013 5:31:34	9.14	46.25	29.79	9.12	7.95	4.7	2.522	95.9
1322	1/25/2013 5:46:34	9.14	46.41	29.91	9.09	7.94	5.2	2.580	95.6
1323	1/25/2013 6:01:34	9.14	46.58	30.03	9.09	7.94	4.9	2.640	95.7
1324	1/25/2013 6:16:34	9.15	46.84	30.21	9.08	7.94	5.4	2.714	95.8

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1325	1/25/2013 6:31:34	9.15	47.00	30.33	9.07	7.94	5.4	2.777	95.7
1326	1/25/2013 6:46:34	9.20	47.52	30.70	9.07	7.94	6.7	2.842	96.1
1327	1/25/2013 7:01:34	9.22	47.70	30.83	9.08	7.94	6.3	2.922	96.2
1328	1/25/2013 7:16:34	9.24	47.86	30.95	9.07	7.94	6.1	2.993	96.3
1329	1/25/2013 7:31:34	9.26	48.06	31.09	9.07	7.94	6.3	3.066	96.4
1330	1/25/2013 7:46:33	9.28	48.22	31.21	9.07	7.94	6.8	3.139	96.5
1331	1/25/2013 8:01:33	9.29	48.31	31.27	9.06	7.94	6.4	3.220	96.5
1332	1/25/2013 8:16:33	9.30	48.35	31.30	9.07	7.94	7.6	3.298	96.7
1333	1/25/2013 8:31:33	9.33	48.55	31.45	9.07	7.94	7.9	3.375	96.8
1334	1/25/2013 8:46:33	9.35	48.72	31.57	9.06	7.93	7.1	3.444	96.8
1335	1/25/2013 9:01:33	9.37	48.91	31.71	9.05	7.93	7.0	3.520	96.9
1336	1/25/2013 9:16:33	9.40	49.15	31.89	9.06	7.94	6.1	3.587	97.2
1337	1/25/2013 9:31:33	9.42	49.26	31.97	9.06	7.94	5.7	3.628	97.2
1338	1/25/2013 9:46:33	9.43	49.35	32.03	9.04	7.94	5.5	3.684	97.0
	Mean	8.50	46.52	29.94	9.25	7.96	8.08	2.57	95.95
	Minimum	6.85	42.00	26.77	8.00	7.91	2.50	0.66	85.50
	Maximum	9.96	49.53	32.14	11.03	8.13	42.80	4.06	113.90

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

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	1/25/2013 10:15:50	9.49	49.76	32.33	9.15	7.91	4.8	3.760	98.5
1	1/25/2013 10:30:50	9.47	49.66	32.26	9.22	7.92	4.5	3.767	99.2
2	1/25/2013 10:45:50	9.50	49.78	32.35	9.10	7.92	4.9	3.767	98.0
3	1/25/2013 11:00:50	9.50	49.82	32.37	8.98	7.92	5.6	3.742	96.7
4	1/25/2013 11:15:50	9.48	49.54	32.17	9.21	7.93	6.2	3.683	99.0
5	1/25/2013 11:30:50	9.48	49.18	31.91	9.34	7.95	6.0	3.605	100.3
6	1/25/2013 11:45:50	9.47	48.98	31.77	9.35	7.95	5.4	3.519	100.3
7	1/25/2013 12:00:50	9.44	48.54	31.45	9.28	7.94	5.1	3.422	99.2
8	1/25/2013 12:15:50	9.41	48.38	31.33	9.29	7.95	4.9	3.313	99.3
9	1/25/2013 12:30:50	9.41	47.98	31.05	9.28	7.95	5.3	3.198	99.0
10	1/25/2013 12:45:50	9.42	47.98	31.05	9.31	7.95	5.9	3.093	99.3
11	1/25/2013 13:00:50	9.42	48.23	31.22	9.31	7.95	4.5	2.968	99.4
12	1/25/2013 13:15:50	9.42	48.18	31.19	9.31	7.95	4.7	2.847	99.4
13	1/25/2013 13:30:50	9.43	47.94	31.02	9.35	7.96	5.0	2.740	99.8
14	1/25/2013 13:45:50	9.44	47.70	30.84	9.41	7.96	4.8	2.604	100.3
15	1/25/2013 14:00:50	9.44	47.28	30.55	9.44	7.97	5.1	2.487	100.4
16	1/25/2013 14:15:50	9.54	47.48	30.70	9.70	7.99	4.9	2.355	103.5
17	1/25/2013 14:30:50	9.54	46.95	30.32	9.85	8.00	5.5	2.241	104.9
18	1/25/2013 14:45:50	9.60	47.03	30.38	9.91	8.01	5.6	2.095	105.7
19	1/25/2013 15:00:50	9.59	46.69	30.13	9.85	8.01	5.5	1.967	104.8
20	1/25/2013 15:15:50	9.61	46.59	30.07	9.94	8.02	5.9	1.818	105.8
21	1/25/2013 15:30:50	9.68	46.37	29.91	10.15	8.04	5.8	1.686	108.1
22	1/25/2013 15:45:50	9.67	46.20	29.79	10.08	8.04	5.7	1.585	107.2
23	1/25/2013 16:00:50	9.67	45.99	29.64	10.02	8.04	6.0	1.469	106.5
24	1/25/2013 16:15:50	9.70	45.88	29.56	10.06	8.05	5.4	1.380	107.0
25	1/25/2013 16:30:50	9.72	45.86	29.55	10.08	8.05	5.1	1.318	107.2
26	1/25/2013 16:45:50	9.75	45.69	29.43	10.13	8.06	4.9	1.264	107.7
27	1/25/2013 17:00:50	9.74	45.88	29.57	10.06	8.05	4.9	1.258	107.1
28	1/25/2013 17:15:50	9.73	45.75	29.47	10.07	8.05	5.8	1.270	107.1
29	1/25/2013 17:30:50	9.70	45.81	29.51	9.98	8.04	5.5	1.310	106.1
30	1/25/2013 17:45:50	9.67	45.90	29.58	9.92	8.04	5.4	1.349	105.4
31	1/25/2013 18:00:50	9.66	45.88	29.56	9.89	8.03	5.5	1.434	105.1
32	1/25/2013 18:15:50	9.64	45.39	29.21	9.76	8.02	6.3	1.510	103.4
33	1/25/2013 18:30:50	9.65	44.67	28.70	9.74	8.01	6.3	1.572	102.8
34	1/25/2013 18:45:50	9.64	44.86	28.83	9.70	8.00	6.5	1.653	102.5
35	1/25/2013 19:00:50	9.63	44.83	28.81	9.68	8.00	6.1	1.734	102.2
36	1/25/2013 19:15:50	9.62	44.85	28.82	9.67	8.00	5.5	1.827	102.1
37	1/25/2013 19:30:50	9.62	45.03	28.95	9.65	8.00	6.1	1.902	102.0
38	1/25/2013 19:45:50	9.59	45.18	29.06	9.59	8.00	5.5	1.970	101.3
39	1/25/2013 20:00:50	9.53	46.23	29.80	9.46	7.99	5.3	2.080	100.3
40	1/25/2013 20:15:50	9.49	46.46	29.96	9.36	7.97	6.1	2.181	99.3
41	1/25/2013 20:30:50	9.47	46.47	29.97	9.34	7.97	5.9	2.273	99.0
42	1/25/2013 20:45:50	9.45	46.82	30.22	9.34	7.97	5.9	2.364	99.2
43	1/25/2013 21:00:50	9.45	46.95	30.31	9.35	7.97	6.0	2.454	99.3
44	1/25/2013 21:15:50	9.45	47.06	30.39	9.33	7.97	6.3	2.556	99.2
45	1/25/2013 21:30:50	9.45	47.16	30.46	9.30	7.96	7.2	2.637	98.9
46	1/25/2013 21:45:50	9.45	47.03	30.37	9.29	7.96	7.0	2.708	98.7
47	1/25/2013 22:00:50	9.45	47.47	30.68	9.26	7.96	7.8	2.801	98.6
48	1/25/2013 22:15:50	9.47	47.47	30.68	9.26	7.96	8.4	2.885	98.7
49	1/25/2013 22:30:50	9.48	47.80	30.92	9.25	7.96	8.2	2.952	98.8
50	1/25/2013 22:45:50	9.49	48.03	31.08	9.25	7.96	7.9	3.024	98.8
51	1/25/2013 23:00:50	9.52	48.34	31.31	9.29	7.96	10.0	3.095	99.5
52	1/25/2013 23:15:50	9.55	48.65	31.53	9.30	7.96	8.2	3.138	99.8

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
53	1/25/2013 23:30:50	9.56	48.79	31.64	9.29	7.96	7.1	3.203	99.8
54	1/25/2013 23:45:50	9.58	48.82	31.66	9.30	7.97	6.5	3.248	99.9
55	1/26/2013 0:00:50	9.58	48.73	31.60	9.24	7.97	4.7	3.262	99.3
56	1/26/2013 0:15:50	9.56	48.65	31.54	9.25	7.96	6.5	3.292	99.2
57	1/26/2013 0:30:50	9.57	48.64	31.53	9.25	7.97	5.9	3.268	99.3
58	1/26/2013 0:45:50	9.58	48.91	31.73	9.27	7.97	6.3	3.227	99.7
59	1/26/2013 1:00:50	9.56	48.70	31.57	9.27	7.97	6.3	3.183	99.5
60	1/26/2013 1:15:50	9.52	48.27	31.26	9.19	7.96	7.1	3.113	98.4
61	1/26/2013 1:30:50	9.43	47.92	31.01	9.17	7.96	6.8	3.047	97.8
62	1/26/2013 1:45:50	9.40	47.82	30.93	9.18	7.96	6.2	2.969	97.8
63	1/26/2013 2:00:50	9.45	47.54	30.73	9.18	7.97	7.1	2.898	97.8
64	1/26/2013 2:15:50	9.43	47.31	30.57	9.17	7.97	6.1	2.810	97.5
65	1/26/2013 2:30:50	9.43	47.39	30.63	9.16	7.96	6.1	2.745	97.4
66	1/26/2013 2:45:50	9.37	47.26	30.52	9.14	7.96	5.5	2.677	97.0
67	1/26/2013 3:00:50	9.32	47.25	30.51	9.13	7.96	5.2	2.609	96.9
68	1/26/2013 3:15:50	9.39	46.69	30.12	9.20	7.97	5.4	2.545	97.5
69	1/26/2013 3:30:50	9.39	46.46	29.95	9.20	7.97	4.7	2.484	97.4
70	1/26/2013 3:45:50	9.39	46.31	29.85	9.19	7.97	4.5	2.429	97.2
71	1/26/2013 4:00:50	9.31	46.48	29.97	9.15	7.97	4.5	2.395	96.7
72	1/26/2013 4:15:50	9.32	46.31	29.84	9.16	7.97	4.6	2.345	96.8
73	1/26/2013 4:30:50	9.33	46.31	29.85	9.17	7.97	4.2	2.315	96.9
74	1/26/2013 4:45:50	9.36	46.14	29.73	9.12	7.97	4.3	2.308	96.4
75	1/26/2013 5:00:50	9.36	46.48	29.97	9.04	7.97	3.9	2.297	95.7
76	1/26/2013 5:15:50	9.37	46.48	29.97	9.07	7.97	4.5	2.323	96.0
77	1/26/2013 5:30:50	9.40	46.63	30.08	9.13	7.97	4.6	2.343	96.7
78	1/26/2013 5:45:50	9.38	46.59	30.05	9.13	7.97	5.2	2.384	96.7
79	1/26/2013 6:00:50	9.36	46.73	30.15	9.13	7.97	5.1	2.439	96.7
80	1/26/2013 6:15:50	9.33	46.42	29.92	9.14	7.97	4.9	2.500	96.6
81	1/26/2013 6:30:50	9.35	46.50	29.98	9.13	7.97	5.4	2.574	96.6
82	1/26/2013 6:45:50	9.39	47.00	30.34	9.11	7.97	5.4	2.638	96.7
83	1/26/2013 7:00:50	9.37	47.16	30.45	9.12	7.97	5.8	2.694	96.8
84	1/26/2013 7:15:50	9.42	47.63	30.80	9.13	7.97	5.9	2.774	97.2
85	1/26/2013 7:30:50	9.42	47.72	30.86	9.15	7.97	5.6	2.857	97.4
86	1/26/2013 7:45:50	9.44	47.76	30.89	9.18	7.98	5.6	2.929	97.9
87	1/26/2013 8:00:50	9.45	48.09	31.13	9.19	7.98	6.2	3.006	98.1
88	1/26/2013 8:15:50	9.47	48.12	31.15	9.19	7.98	5.9	3.084	98.2
89	1/26/2013 8:30:50	9.46	48.27	31.26	9.19	7.98	6.0	3.156	98.2
90	1/26/2013 8:45:50	9.47	48.55	31.46	9.17	7.98	8.4	3.231	98.2
91	1/26/2013 9:00:50	9.49	48.68	31.55	9.15	7.98	7.6	3.316	98.1
92	1/26/2013 9:15:50	9.47	48.96	31.75	9.12	7.98	7.0	3.411	97.9
93	1/26/2013 9:30:50	9.48	49.19	31.92	9.09	7.98	6.7	3.500	97.6
94	1/26/2013 9:45:50	9.49	49.26	31.97	9.05	7.98	6.5	3.554	97.3
95	1/26/2013 10:00:50	9.51	49.44	32.10	9.06	7.98	6.6	3.626	97.5
96	1/26/2013 10:15:50	9.53	49.49	32.14	9.06	7.98	5.9	3.681	97.5
97	1/26/2013 10:30:50	9.53	49.54	32.18	9.05	7.98	5.8	3.719	97.4
98	1/26/2013 10:45:50	9.54	49.72	32.31	9.05	7.98	5.3	3.742	97.6
99	1/26/2013 11:00:50	9.55	49.82	32.38	9.01	7.98	4.5	3.786	97.2
100	1/26/2013 11:15:50	9.54	49.61	32.23	9.02	7.98	5.0	3.778	97.2
101	1/26/2013 11:30:50	9.56	49.77	32.34	9.03	7.98	5.4	3.762	97.5
102	1/26/2013 11:45:50	9.57	49.62	32.23	9.07	7.98	6.2	3.707	97.8
103	1/26/2013 12:00:50	9.62	49.50	32.15	9.16	7.99	5.9	3.652	98.8
104	1/26/2013 12:15:50	9.78	48.82	31.67	9.49	8.01	5.6	3.578	102.5
105	1/26/2013 12:30:50	9.80	48.63	31.54	9.38	8.00	5.7	3.480	101.2

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
106	1/26/2013 12:45:50	9.84	48.42	31.39	9.41	8.00	5.2	3.387	101.5
107	1/26/2013 13:00:50	9.87	47.91	31.02	9.46	8.00	5.5	3.282	101.9
108	1/26/2013 13:15:50	9.94	47.94	31.05	9.46	8.01	5.7	3.152	102.0
109	1/26/2013 13:30:50	9.90	48.05	31.13	9.54	8.01	5.1	3.034	102.8
110	1/26/2013 13:45:50	9.91	48.09	31.16	9.57	8.02	4.9	2.918	103.3
111	1/26/2013 14:00:50	9.90	47.98	31.08	9.63	8.02	4.9	2.788	103.8
112	1/26/2013 14:15:50	10.01	48.06	31.14	9.63	8.02	4.9	2.677	104.1
113	1/26/2013 14:30:50	10.11	47.77	30.94	9.67	8.03	5.8	2.562	104.6
114	1/26/2013 14:45:50	10.02	47.33	30.62	9.75	8.04	4.9	2.446	105.1
115	1/26/2013 15:00:50	10.03	46.97	30.36	9.84	8.04	5.1	2.302	105.9
116	1/26/2013 15:15:50	9.97	46.81	30.24	9.96	8.05	5.9	2.178	107.0
117	1/26/2013 15:30:50	10.10	46.76	30.22	10.38	8.08	6.7	2.037	111.8
118	1/26/2013 15:45:50	10.00	46.49	30.02	10.17	8.08	6.1	1.899	109.2
119	1/26/2013 16:00:50	10.10	46.51	30.04	10.42	8.10	6.0	1.771	112.1
120	1/26/2013 16:15:50	10.07	46.31	29.89	10.39	8.10	5.6	1.643	111.6
121	1/26/2013 16:30:50	10.05	46.25	29.85	10.44	8.11	5.7	1.520	112.1
122	1/26/2013 16:45:50	10.02	46.04	29.69	10.42	8.10	5.3	1.424	111.7
123	1/26/2013 17:00:50	10.03	45.78	29.51	10.49	8.12	4.5	1.336	112.3
124	1/26/2013 17:15:50	10.03	45.72	29.47	10.51	8.12	5.0	1.287	112.5
125	1/26/2013 17:30:50	10.04	45.67	29.44	10.52	8.12	4.5	1.245	112.6
126	1/26/2013 17:45:50	10.01	45.71	29.46	10.41	8.12	4.3	1.263	111.4
127	1/26/2013 18:00:50	10.01	45.73	29.47	10.44	8.11	4.0	1.278	111.7
128	1/26/2013 18:15:50	10.01	45.76	29.49	10.37	8.11	4.1	1.334	110.9
129	1/26/2013 18:30:50	9.99	45.79	29.52	10.36	8.10	4.6	1.402	110.8
130	1/26/2013 18:45:50	9.97	45.84	29.55	10.33	8.10	4.8	1.508	110.5
131	1/26/2013 19:00:50	9.96	45.03	28.97	10.15	8.07	5.4	1.567	108.1
132	1/26/2013 19:15:50	9.97	44.63	28.69	10.07	8.06	5.8	1.629	107.1
133	1/26/2013 19:30:50	9.97	44.94	28.91	10.06	8.06	5.6	1.738	107.1
134	1/26/2013 19:45:50	9.96	44.93	28.90	10.07	8.06	5.7	1.796	107.2
135	1/26/2013 20:00:50	9.97	45.46	29.28	10.07	8.07	5.1	1.902	107.5
136	1/26/2013 20:15:50	9.94	45.29	29.16	9.97	8.05	5.4	1.975	106.2
137	1/26/2013 20:30:50	9.92	46.03	29.68	9.76	8.04	5.7	2.098	104.4
138	1/26/2013 20:45:50	9.86	46.53	30.04	9.56	8.02	5.9	2.190	102.3
139	1/26/2013 21:00:50	9.85	46.61	30.10	9.52	8.01	5.7	2.279	101.8
140	1/26/2013 21:15:50	9.84	46.73	30.18	9.52	8.01	5.7	2.390	101.9
141	1/26/2013 21:30:50	9.83	46.73	30.18	9.52	8.01	6.2	2.481	101.9
142	1/26/2013 21:45:50	9.80	46.95	30.34	9.50	8.01	6.8	2.590	101.7
143	1/26/2013 22:00:50	9.79	47.14	30.47	9.44	8.00	7.2	2.659	101.2
144	1/26/2013 22:15:50	9.77	47.35	30.62	9.40	8.00	7.5	2.747	100.8
145	1/26/2013 22:30:50	9.74	47.32	30.59	9.38	8.00	8.8	2.850	100.4
146	1/26/2013 22:45:50	9.73	47.60	30.79	9.35	7.99	9.2	2.926	100.3
147	1/26/2013 23:00:50	9.74	47.82	30.95	9.34	7.99	8.8	3.007	100.2
148	1/26/2013 23:15:50	9.75	48.11	31.16	9.37	8.00	9.0	3.082	100.8
149	1/26/2013 23:30:50	9.74	48.50	31.44	9.46	8.00	8.4	3.158	101.9
150	1/26/2013 23:45:50	9.75	48.63	31.54	9.49	8.01	8.2	3.222	102.3
151	1/27/2013 0:00:50	9.75	48.89	31.72	9.48	8.01	6.9	3.274	102.3
152	1/27/2013 0:15:50	9.76	49.01	31.81	9.46	8.01	6.6	3.324	102.2
153	1/27/2013 0:30:50	9.77	49.01	31.81	9.46	8.02	6.0	3.340	102.1
154	1/27/2013 0:45:50	9.74	48.77	31.64	9.44	8.01	6.5	3.357	101.9
155	1/27/2013 1:00:50	9.77	49.08	31.86	9.41	8.01	6.0	3.339	101.7
156	1/27/2013 1:15:50	9.77	49.10	31.88	9.44	8.01	6.2	3.314	102.0
157	1/27/2013 1:30:50	9.65	48.44	31.39	9.33	8.00	7.4	3.249	100.2
158	1/27/2013 1:45:50	9.49	47.65	30.81	9.29	7.99	7.0	3.182	99.1

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
159	1/27/2013 2:00:50	9.53	47.59	30.78	9.28	7.99	8.3	3.097	99.0
160	1/27/2013 2:15:50	9.55	47.76	30.90	9.29	7.99	7.2	3.022	99.3
161	1/27/2013 2:30:50	9.60	47.55	30.75	9.29	7.99	7.0	2.943	99.3
162	1/27/2013 2:45:50	9.59	47.41	30.65	9.28	7.99	6.7	2.857	99.1
163	1/27/2013 3:00:50	9.56	47.34	30.60	9.26	7.99	6.0	2.770	98.8
164	1/27/2013 3:15:50	9.52	47.41	30.65	9.25	7.99	5.6	2.677	98.7
165	1/27/2013 3:30:50	9.47	47.19	30.49	9.31	7.99	5.4	2.598	99.0
166	1/27/2013 3:45:50	9.48	46.80	30.21	9.37	8.00	5.9	2.526	99.5
167	1/27/2013 4:00:50	9.40	46.83	30.22	9.35	7.99	4.7	2.456	99.1
168	1/27/2013 4:15:50	9.43	46.20	29.77	9.43	8.01	4.4	2.407	99.8
169	1/27/2013 4:30:50	9.40	46.40	29.91	9.38	8.00	4.3	2.351	99.3
170	1/27/2013 4:45:50	9.38	46.14	29.72	9.40	8.00	4.2	2.298	99.3
171	1/27/2013 5:00:50	9.33	46.11	29.70	9.38	8.00	4.3	2.257	99.0
172	1/27/2013 5:15:50	9.35	46.01	29.63	9.40	8.00	4.1	2.225	99.3
173	1/27/2013 5:30:50	9.39	45.92	29.57	9.35	8.00	3.8	2.219	98.7
174	1/27/2013 5:45:50	9.45	46.24	29.80	9.28	8.00	3.7	2.195	98.2
175	1/27/2013 6:00:50	9.44	46.25	29.81	9.32	8.00	4.1	2.220	98.6
176	1/27/2013 6:15:50	9.40	46.18	29.76	9.36	8.00	4.3	2.243	98.9
177	1/27/2013 6:30:50	9.41	46.20	29.77	9.35	8.00	4.8	2.318	98.9
178	1/27/2013 6:45:50	9.44	46.32	29.86	9.36	7.99	4.9	2.368	99.1
179	1/27/2013 7:00:50	9.38	46.24	29.80	9.35	7.99	4.8	2.439	98.8
180	1/27/2013 7:15:50	9.35	46.31	29.85	9.33	7.99	5.4	2.513	98.6
181	1/27/2013 7:30:50	9.45	46.54	30.02	9.31	7.99	5.4	2.580	98.7
182	1/27/2013 7:45:50	9.41	46.70	30.13	9.30	7.99	5.1	2.660	98.6
183	1/27/2013 8:00:50	9.52	47.25	30.53	9.27	7.99	5.9	2.740	98.8
184	1/27/2013 8:15:50	9.53	47.48	30.69	9.28	7.99	5.9	2.832	99.0
185	1/27/2013 8:30:50	9.59	47.70	30.85	9.31	7.99	6.1	2.903	99.5
186	1/27/2013 8:45:50	9.60	47.82	30.94	9.32	7.99	5.8	2.991	99.8
187	1/27/2013 9:00:50	9.61	47.97	31.05	9.31	7.99	6.9	3.057	99.7
188	1/27/2013 9:15:50	9.60	48.15	31.18	9.32	7.99	8.2	3.164	99.8
189	1/27/2013 9:30:50	9.61	48.48	31.42	9.32	8.00	7.8	3.249	100.1
190	1/27/2013 9:45:50	9.61	48.77	31.62	9.34	8.00	8.1	3.327	100.4
191	1/27/2013 10:00:50	9.62	48.89	31.71	9.34	8.00	7.9	3.411	100.4
192	1/27/2013 10:15:50	9.63	49.02	31.81	9.35	8.01	6.8	3.491	100.7
193	1/27/2013 10:30:50	9.65	49.26	31.98	9.34	8.01	7.4	3.560	100.7
194	1/27/2013 10:45:50	9.66	49.27	31.99	9.34	8.01	6.7	3.636	100.8
195	1/27/2013 11:00:50	9.67	49.38	32.07	9.36	8.02	5.9	3.689	101.1
196	1/27/2013 11:15:50	9.69	49.55	32.19	9.35	8.02	5.4	3.725	101.1
197	1/27/2013 11:30:50	9.69	49.52	32.17	9.31	8.02	5.5	3.759	100.7
198	1/27/2013 11:45:50	9.69	49.43	32.11	9.34	8.01	5.3	3.765	100.9
199	1/27/2013 12:00:50	9.69	49.54	32.19	9.27	8.01	5.2	3.763	100.2
200	1/27/2013 12:15:50	9.71	49.56	32.20	9.31	8.02	6.0	3.714	100.7
201	1/27/2013 12:30:50	9.77	49.44	32.12	9.35	8.02	5.9	3.665	101.2
202	1/27/2013 12:45:50	10.02	48.76	31.64	9.69	8.03	5.7	3.595	105.2
203	1/27/2013 13:00:50	10.01	48.84	31.71	9.61	8.02	5.2	3.498	104.3
204	1/27/2013 13:15:50	9.99	48.53	31.48	9.57	8.02	5.3	3.396	103.7
205	1/27/2013 13:30:50	9.95	48.22	31.25	9.78	8.03	5.2	3.284	105.7
206	1/27/2013 13:45:50	9.97	48.04	31.13	9.81	8.03	5.6	3.169	106.0
207	1/27/2013 14:00:50	10.02	47.82	30.97	9.91	8.04	5.4	3.044	107.0
208	1/27/2013 14:15:50	10.00	47.95	31.07	9.86	8.04	5.2	2.929	106.5
209	1/27/2013 14:30:50	9.97	47.52	30.76	9.88	8.03	6.0	2.818	106.4
210	1/27/2013 14:45:50	10.03	47.63	30.84	9.96	8.04	5.2	2.688	107.6
211	1/27/2013 15:00:50	10.07	47.46	30.72	10.01	8.05	5.4	2.570	108.1

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
212	1/27/2013 15:15:50	10.10	47.42	30.69	10.05	8.05	5.6	2.447	108.5
213	1/27/2013 15:30:50	10.18	47.48	30.73	10.10	8.07	5.4	2.312	109.3
214	1/27/2013 15:45:50	10.14	47.02	30.40	10.29	8.07	5.1	2.172	111.0
215	1/27/2013 16:00:50	10.04	46.57	30.08	10.33	8.07	5.4	2.034	111.0
216	1/27/2013 16:15:50	10.11	46.53	30.05	10.45	8.09	5.6	1.897	112.4
217	1/27/2013 16:30:50	10.10	46.57	30.08	10.64	8.11	5.8	1.756	114.5
218	1/27/2013 16:45:50	10.05	46.29	29.87	10.51	8.10	5.6	1.624	112.9
219	1/27/2013 17:00:50	10.02	46.14	29.77	10.47	8.10	5.8	1.510	112.3
220	1/27/2013 17:15:50	10.00	45.97	29.64	10.47	8.10	5.2	1.400	112.1
221	1/27/2013 17:30:50	9.98	45.75	29.49	10.50	8.10	4.8	1.312	112.2
222	1/27/2013 17:45:50	9.96	45.54	29.33	10.50	8.10	4.3	1.252	112.1
223	1/27/2013 18:00:50	9.94	45.51	29.31	10.52	8.11	4.1	1.225	112.3
224	1/27/2013 18:15:50	9.93	45.65	29.42	10.44	8.10	4.2	1.234	111.5
225	1/27/2013 18:30:50	9.95	45.60	29.38	10.45	8.10	3.9	1.270	111.6
226	1/27/2013 18:45:50	9.96	45.68	29.44	10.44	8.09	3.8	1.322	111.5
227	1/27/2013 19:00:50	9.96	45.72	29.47	10.44	8.09	3.8	1.400	111.5
228	1/27/2013 19:15:50	9.89	45.23	29.11	10.37	8.08	4.5	1.466	110.4
229	1/27/2013 19:30:50	9.86	44.78	28.79	10.30	8.07	5.1	1.553	109.3
230	1/27/2013 19:45:50	9.88	44.55	28.63	10.28	8.07	5.2	1.634	109.1
231	1/27/2013 20:00:50	9.88	44.53	28.61	10.27	8.06	5.4	1.718	108.9
232	1/27/2013 20:15:50	9.89	44.55	28.63	10.24	8.06	4.9	1.809	108.7
233	1/27/2013 20:30:50	9.93	45.24	29.12	10.23	8.06	4.7	1.892	109.0
234	1/27/2013 20:45:50	9.92	45.42	29.25	10.10	8.05	5.0	1.987	107.7
235	1/27/2013 21:00:50	9.92	45.71	29.46	9.93	8.03	5.6	2.091	106.1
236	1/27/2013 21:15:50	9.91	45.97	29.64	9.78	8.02	5.5	2.193	104.6
237	1/27/2013 21:30:50	9.93	46.50	30.02	9.71	8.01	5.4	2.290	104.1
238	1/27/2013 21:45:50	9.92	46.59	30.08	9.73	8.01	5.6	2.402	104.3
239	1/27/2013 22:00:50	9.92	46.61	30.09	9.75	8.01	6.0	2.502	104.5
240	1/27/2013 22:15:50	9.91	46.81	30.24	9.70	8.01	6.7	2.594	104.0
241	1/27/2013 22:30:50	9.88	47.00	30.37	9.64	8.00	7.1	2.692	103.4
242	1/27/2013 22:45:50	9.89	47.21	30.53	9.59	8.00	7.5	2.784	103.0
243	1/27/2013 23:00:50	9.88	47.41	30.67	9.56	8.00	8.8	2.867	102.8
244	1/27/2013 23:15:50	9.88	47.65	30.84	9.54	8.00	8.7	2.954	102.7
245	1/27/2013 23:30:50	9.88	47.94	31.05	9.55	8.00	9.0	3.042	102.8
246	1/27/2013 23:45:50	9.87	48.34	31.34	9.61	8.01	9.2	3.118	103.7
247	1/28/2013 0:00:50	9.86	48.69	31.59	9.64	8.02	8.6	3.191	104.2
248	1/28/2013 0:15:50	9.86	48.77	31.64	9.62	8.02	8.4	3.270	104.0
249	1/28/2013 0:30:50	9.85	48.83	31.68	9.62	8.02	7.0	3.314	104.0
250	1/28/2013 0:45:50	9.84	49.00	31.81	9.58	8.02	6.3	3.363	103.7
251	1/28/2013 1:00:50	9.84	49.00	31.81	9.56	8.02	5.7	3.394	103.4
252	1/28/2013 1:15:50	9.84	48.79	31.65	9.55	8.02	5.9	3.400	103.3
253	1/28/2013 1:30:50	9.85	48.95	31.77	9.52	8.02	7.2	3.381	103.0
254	1/28/2013 1:45:50	9.85	49.00	31.81	9.53	8.02	6.7	3.344	103.2
255	1/28/2013 2:00:50	9.80	48.33	31.32	9.50	8.01	6.6	3.277	102.4
256	1/28/2013 2:15:50	9.73	47.55	30.76	9.46	7.99	7.1	3.206	101.4
257	1/28/2013 2:30:50	9.75	47.55	30.76	9.46	7.99	6.7	3.135	101.4
258	1/28/2013 2:45:50	9.76	47.46	30.70	9.45	7.99	7.7	3.037	101.4
259	1/28/2013 3:00:50	9.76	47.52	30.74	9.45	8.00	6.6	2.943	101.4
260	1/28/2013 3:15:50	9.74	47.38	30.63	9.47	7.99	5.7	2.854	101.4
261	1/28/2013 3:30:50	9.75	47.42	30.67	9.42	7.99	6.2	2.766	101.0
262	1/28/2013 3:45:50	9.72	47.35	30.62	9.42	7.99	5.7	2.678	100.9
263	1/28/2013 4:00:50	9.71	46.61	30.09	9.45	7.99	6.0	2.605	100.8
264	1/28/2013 4:15:50	9.70	46.49	30.00	9.45	7.99	6.1	2.522	100.7

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	1/28/2013 4:30:50	9.68	46.25	29.83	9.46	7.99	5.2	2.436	100.7
266	1/28/2013 4:45:50	9.63	46.46	29.97	9.42	7.99	4.8	2.366	100.3
267	1/28/2013 5:00:50	9.62	45.96	29.62	9.44	7.99	4.6	2.295	100.2
268	1/28/2013 5:15:50	9.58	46.20	29.78	9.37	7.99	4.9	2.221	99.5
269	1/28/2013 5:30:50	9.59	45.84	29.53	9.39	7.99	4.3	2.169	99.6
270	1/28/2013 5:45:50	9.58	45.85	29.53	9.36	7.99	4.3	2.130	99.2
271	1/28/2013 6:00:50	9.57	45.59	29.35	9.36	7.99	4.2	2.105	99.1
272	1/28/2013 6:15:50	9.58	45.64	29.39	9.27	7.98	3.8	2.077	98.2
273	1/28/2013 6:30:50	9.60	45.82	29.51	9.27	7.98	4.2	2.089	98.3
274	1/28/2013 6:45:50	9.62	45.96	29.62	9.30	7.98	4.4	2.133	98.7
275	1/28/2013 7:00:50	9.58	45.88	29.56	9.33	7.98	4.5	2.160	98.9
276	1/28/2013 7:15:50	9.63	46.00	29.64	9.32	7.98	4.5	2.212	98.9
277	1/28/2013 7:30:50	9.56	45.72	29.44	9.38	7.98	4.8	2.294	99.3
278	1/28/2013 7:45:50	9.54	45.79	29.48	9.35	7.98	5.1	2.376	99.0
279	1/28/2013 8:00:50	9.59	45.91	29.57	9.26	7.97	4.9	2.445	98.2
280	1/28/2013 8:15:50	9.65	46.30	29.86	9.15	7.97	5.3	2.535	97.3
281	1/28/2013 8:30:50	9.67	46.67	30.12	9.13	7.96	5.2	2.617	97.3
282	1/28/2013 8:45:50	9.71	47.08	30.42	9.19	7.97	5.3	2.698	98.3
283	1/28/2013 9:00:50	9.74	47.18	30.49	9.31	7.98	5.4	2.770	99.6
284	1/28/2013 9:15:50	9.76	47.41	30.66	9.36	7.98	5.6	2.851	100.3
285	1/28/2013 9:30:50	9.76	47.38	30.64	9.38	7.99	5.7	2.929	100.5
286	1/28/2013 9:45:50	9.77	47.73	30.89	9.41	7.99	6.2	3.012	101.0
287	1/28/2013 10:00:50	9.78	47.99	31.08	9.41	7.99	7.3	3.106	101.1
288	1/28/2013 10:15:50	9.78	48.11	31.16	9.41	8.00	7.4	3.176	101.2
289	1/28/2013 10:30:50	9.76	48.46	31.41	9.42	8.00	9.0	3.271	101.5
290	1/28/2013 10:45:50	9.77	48.50	31.44	9.42	8.00	7.6	3.360	101.5
291	1/28/2013 11:00:50	9.77	48.67	31.57	9.41	8.00	6.7	3.426	101.5
292	1/28/2013 11:15:50	9.78	48.72	31.60	9.41	8.00	6.0	3.506	101.6
293	1/28/2013 11:30:50	9.79	49.03	31.83	9.39	8.01	6.0	3.573	101.5
294	1/28/2013 11:45:50	9.79	49.06	31.85	9.39	8.01	5.6	3.626	101.5
295	1/28/2013 12:00:50	9.79	49.37	32.07	9.38	8.01	5.8	3.647	101.5
296	1/28/2013 12:15:50	9.80	49.19	31.94	9.38	8.01	5.4	3.675	101.4
297	1/28/2013 12:30:50	9.79	49.34	32.05	9.29	8.00	4.8	3.676	100.6
298	1/28/2013 12:45:50	9.79	49.24	31.98	9.31	8.01	6.0	3.654	100.8
299	1/28/2013 13:00:50	9.80	49.29	32.01	9.35	8.01	5.8	3.604	101.2
300	1/28/2013 13:15:50	9.91	48.59	31.52	9.58	8.01	7.4	3.531	103.6
301	1/28/2013 13:30:50	9.99	48.47	31.43	9.63	8.02	6.5	3.458	104.3
302	1/28/2013 13:45:50	10.06	48.79	31.67	9.59	8.02	6.3	3.363	104.2
303	1/28/2013 14:00:50	10.07	48.11	31.18	9.75	8.02	5.6	3.255	105.6
304	1/28/2013 14:15:50	9.99	47.89	31.02	9.75	8.02	5.7	3.162	105.3
305	1/28/2013 14:30:50	10.00	47.87	31.01	9.79	8.02	5.6	3.034	105.8
306	1/28/2013 14:45:50	10.06	47.58	30.80	9.93	8.04	5.6	2.942	107.3
307	1/28/2013 15:00:50	10.04	47.22	30.54	9.93	8.03	5.8	2.818	107.0
308	1/28/2013 15:15:50	10.06	47.25	30.57	9.95	8.03	5.2	2.688	107.3
309	1/28/2013 15:30:50	10.06	47.22	30.54	9.97	8.04	6.4	2.574	107.5
310	1/28/2013 15:45:50	10.14	47.35	30.64	10.11	8.07	6.0	2.457	109.3
311	1/28/2013 16:00:50	10.09	46.84	30.27	10.42	8.06	6.0	2.320	112.2
312	1/28/2013 16:15:50	10.08	46.52	30.04	10.33	8.06	7.1	2.168	111.0
313	1/28/2013 16:30:50	10.09	46.58	30.09	10.20	8.06	7.7	2.060	109.7
314	1/28/2013 16:45:50	10.10	46.41	29.96	10.43	8.09	7.1	1.915	112.1
315	1/28/2013 17:00:50	10.07	46.14	29.77	10.40	8.09	7.4	1.778	111.6
316	1/28/2013 17:15:50	10.04	45.81	29.53	10.36	8.08	7.4	1.650	111.0
317	1/28/2013 17:30:50	10.03	46.05	29.70	10.33	8.08	8.1	1.536	110.7

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
318	1/28/2013 17:45:51	10.01	45.88	29.58	10.34	8.08	6.3	1.422	110.7
319	1/28/2013 18:00:50	10.00	45.55	29.35	10.35	8.08	6.4	1.318	110.6
320	1/28/2013 18:15:50	9.98	45.40	29.24	10.32	8.08	6.3	1.260	110.2
321	1/28/2013 18:30:50	9.96	45.38	29.22	10.29	8.08	6.3	1.251	109.8
322	1/28/2013 18:45:50	9.96	45.45	29.27	10.25	8.08	5.6	1.212	109.4
323	1/28/2013 19:00:50	9.96	45.54	29.34	10.28	8.08	5.4	1.275	109.7
324	1/28/2013 19:15:50	9.97	45.45	29.27	10.29	8.07	5.3	1.344	109.9
325	1/28/2013 19:30:50	9.96	45.51	29.31	10.29	8.07	5.1	1.406	109.8
326	1/28/2013 19:45:50	9.97	45.44	29.26	10.28	8.07	5.1	1.458	109.8
327	1/28/2013 20:00:50	9.91	44.84	28.84	10.16	8.05	6.4	1.554	108.0
328	1/28/2013 20:15:50	9.94	44.80	28.80	10.14	8.05	6.1	1.648	107.8
329	1/28/2013 20:30:50	9.95	44.63	28.69	10.10	8.05	6.3	1.707	107.4
330	1/28/2013 20:45:50	9.96	44.79	28.80	10.08	8.04	6.0	1.804	107.2
331	1/28/2013 21:00:50	9.97	44.91	28.89	10.05	8.04	6.3	1.906	107.0
332	1/28/2013 21:15:50	9.98	45.09	29.02	9.99	8.03	5.3	1.984	106.4
333	1/28/2013 21:30:50	9.97	45.23	29.11	9.89	8.03	5.6	2.090	105.5
334	1/28/2013 21:45:50	9.99	46.07	29.72	9.75	8.01	5.7	2.208	104.4
335	1/28/2013 22:00:50	9.97	46.06	29.71	9.74	8.01	5.7	2.290	104.2
336	1/28/2013 22:15:50	10.00	46.38	29.94	9.76	8.01	6.1	2.412	104.7
337	1/28/2013 22:30:50	9.98	46.29	29.87	9.80	8.01	6.0	2.515	105.0
338	1/28/2013 22:45:50	10.01	46.57	30.07	9.77	8.01	6.3	2.605	104.9
339	1/28/2013 23:00:50	9.98	46.65	30.13	9.70	8.01	6.7	2.703	104.1
340	1/28/2013 23:15:50	9.98	46.97	30.36	9.65	8.00	7.7	2.799	103.7
341	1/28/2013 23:30:50	9.97	47.09	30.45	9.64	8.00	8.7	2.887	103.6
342	1/28/2013 23:45:50	9.94	47.39	30.66	9.60	8.00	8.1	2.978	103.3
343	1/29/2013 0:00:50	9.94	47.57	30.79	9.59	8.00	8.2	3.055	103.3
344	1/29/2013 0:15:50	9.93	48.09	31.16	9.61	8.01	8.5	3.126	103.7
345	1/29/2013 0:30:50	9.91	48.55	31.49	9.64	8.02	7.9	3.191	104.3
346	1/29/2013 0:45:50	9.90	48.55	31.49	9.63	8.02	8.1	3.263	104.1
347	1/29/2013 1:00:50	9.89	48.72	31.61	9.62	8.02	7.0	3.322	104.1
348	1/29/2013 1:15:50	9.89	48.90	31.74	9.57	8.02	6.1	3.361	103.6
349	1/29/2013 1:30:50	9.88	49.00	31.81	9.51	8.02	4.9	3.378	103.0
350	1/29/2013 1:45:50	9.89	48.77	31.64	9.54	8.02	6.5	3.398	103.2
351	1/29/2013 2:00:50	9.88	49.04	31.84	9.48	8.01	6.0	3.390	102.7
352	1/29/2013 2:15:50	9.88	48.90	31.74	9.52	8.02	7.6	3.323	103.0
353	1/29/2013 2:30:50	9.86	48.38	31.37	9.49	8.01	7.9	3.269	102.5
354	1/29/2013 2:45:50	9.88	48.12	31.18	9.49	8.00	6.7	3.215	102.4
355	1/29/2013 3:00:50	9.83	47.64	30.83	9.52	8.00	7.0	3.113	102.3
356	1/29/2013 3:15:50	9.86	47.61	30.81	9.50	8.00	7.0	3.016	102.2
357	1/29/2013 3:30:50	9.87	47.47	30.71	9.50	8.00	7.2	2.930	102.1
358	1/29/2013 3:45:50	9.87	47.36	30.63	9.48	8.00	6.0	2.831	101.9
359	1/29/2013 4:00:50	9.86	47.34	30.62	9.46	7.99	5.9	2.731	101.6
360	1/29/2013 4:15:50	9.83	47.05	30.40	9.48	7.99	6.9	2.643	101.6
361	1/29/2013 4:30:50	9.83	46.47	29.99	9.48	7.99	6.7	2.557	101.3
362	1/29/2013 4:45:50	9.82	46.08	29.71	9.46	7.99	5.7	2.455	100.9
363	1/29/2013 5:00:50	9.79	46.21	29.81	9.40	7.98	6.2	2.372	100.3
364	1/29/2013 5:15:50	9.77	46.03	29.67	9.40	7.98	5.2	2.287	100.1
365	1/29/2013 5:30:50	9.72	45.79	29.50	9.35	7.98	5.1	2.219	99.4
366	1/29/2013 5:45:50	9.68	45.71	29.44	9.35	7.98	4.9	2.101	99.2
367	1/29/2013 6:00:50	9.68	45.41	29.22	9.37	7.98	4.9	2.054	99.4
368	1/29/2013 6:15:50	9.66	45.47	29.27	9.35	7.98	4.8	2.005	99.2
369	1/29/2013 6:30:50	9.66	45.30	29.15	9.39	7.98	4.9	1.964	99.4
370	1/29/2013 6:45:50	9.63	45.28	29.13	9.36	7.98	4.6	1.950	99.1

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	1/29/2013 7:00:50	9.70	45.35	29.18	9.32	7.98	4.3	1.953	98.9
372	1/29/2013 7:15:50	9.70	45.42	29.24	9.34	7.98	4.5	1.968	99.1
373	1/29/2013 7:30:50	9.73	45.46	29.26	9.33	7.98	4.3	1.992	99.1
374	1/29/2013 7:45:50	9.72	45.50	29.29	9.34	7.98	4.4	2.076	99.2
375	1/29/2013 8:00:50	9.73	45.57	29.34	9.35	7.98	4.9	2.126	99.3
376	1/29/2013 8:15:50	9.72	45.44	29.25	9.35	7.98	4.3	2.187	99.3
377	1/29/2013 8:30:50	9.74	45.41	29.23	9.36	7.98	4.5	2.283	99.3
378	1/29/2013 8:45:50	9.75	45.64	29.40	9.34	7.97	4.7	2.346	99.3
379	1/29/2013 9:00:50	9.77	45.76	29.48	9.34	7.98	4.8	2.440	99.4
380	1/29/2013 9:15:50	9.78	46.05	29.69	9.37	7.98	5.1	2.509	99.9
381	1/29/2013 9:30:50	9.78	46.45	29.97	9.36	7.98	4.8	2.594	99.9
382	1/29/2013 9:45:50	9.84	46.75	30.19	9.32	7.98	5.8	2.676	99.8
383	1/29/2013 10:00:50	9.86	46.96	30.35	9.44	7.99	5.2	2.749	101.2
384	1/29/2013 10:15:50	9.88	47.16	30.49	9.45	7.99	5.2	2.831	101.4
385	1/29/2013 10:30:50	9.87	47.20	30.52	9.45	7.99	5.6	2.904	101.4
386	1/29/2013 10:45:50	9.88	47.48	30.72	9.48	8.00	6.3	2.989	102.0
387	1/29/2013 11:00:50	9.89	47.74	30.91	9.47	8.00	6.5	3.069	102.0
388	1/29/2013 11:15:50	9.88	47.86	30.99	9.47	8.00	6.7	3.139	102.0
389	1/29/2013 11:30:50	9.86	48.14	31.19	9.48	8.00	7.4	3.220	102.2
390	1/29/2013 11:45:50	9.85	48.30	31.31	9.47	8.00	7.0	3.298	102.2
391	1/29/2013 12:00:50	9.85	48.45	31.41	9.47	8.00	6.3	3.359	102.2
392	1/29/2013 12:15:50	9.86	48.55	31.49	9.44	8.00	5.7	3.408	102.0
393	1/29/2013 12:30:50	9.85	48.92	31.75	9.40	8.00	5.6	3.456	101.7
394	1/29/2013 12:45:51	9.84	49.08	31.87	9.37	8.00	4.9	3.485	101.4
395	1/29/2013 13:00:50	9.84	49.08	31.86	9.35	8.00	4.7	3.511	101.2
396	1/29/2013 13:15:50	9.85	49.04	31.83	9.35	8.00	5.7	3.507	101.2
397	1/29/2013 13:30:50	9.85	49.12	31.90	9.37	8.00	5.8	3.481	101.4
398	1/29/2013 13:45:50	10.03	48.58	31.52	9.66	8.02	14.6	3.424	104.7
399	1/29/2013 14:00:50	10.11	48.54	31.50	9.79	8.03	15.7	3.360	106.3
400	1/29/2013 14:15:50	10.12	48.50	31.47	9.72	8.02	18.7	3.278	105.6
401	1/29/2013 14:30:50	10.14	48.42	31.41	9.64	8.02	24.3	3.174	104.7
402	1/29/2013 14:45:50	10.16	48.50	31.47	9.75	8.03	20.8	3.066	105.9
403	1/29/2013 15:00:50	10.20	48.09	31.18	9.78	8.03	25.2	2.977	106.3
404	1/29/2013 15:15:50	10.22	48.08	31.17	9.76	8.03	26.1	2.873	106.0
405	1/29/2013 15:30:50	10.27	47.61	30.84	9.69	8.02	38.8	2.767	105.1
406	1/29/2013 15:45:50	10.25	47.48	30.74	9.61	8.01	44.3	2.648	104.2
407	1/29/2013 16:00:50	10.24	47.22	30.55	9.60	8.01	42.1	2.533	104.0
408	1/29/2013 16:15:50	10.20	46.51	30.04	9.70	8.01	35.9	2.407	104.5
409	1/29/2013 16:30:50	10.20	46.47	30.01	9.75	8.02	36.4	2.280	105.1
410	1/29/2013 16:45:51	10.19	46.30	29.89	9.79	8.03	42.1	2.152	105.4
411	1/29/2013 17:00:50	10.17	46.11	29.76	9.86	8.03	38.4	2.030	106.0
412	1/29/2013 17:15:50	10.13	46.19	29.81	9.80	8.03	37.8	1.891	105.3
413	1/29/2013 17:30:50	10.13	45.96	29.64	9.82	8.04	36.6	1.759	105.4
414	1/29/2013 17:45:50	10.12	45.87	29.58	9.77	8.03	35.5	1.645	104.9
415	1/29/2013 18:00:50	10.12	45.89	29.59	9.77	8.03	34.2	1.536	104.9
416	1/29/2013 18:15:50	10.12	45.78	29.52	9.80	8.03	33.3	1.437	105.1
417	1/29/2013 18:30:50	10.12	45.71	29.47	9.80	8.03	30.0	1.358	105.1
418	1/29/2013 18:45:50	10.14	45.33	29.20	9.87	8.04	25.9	1.285	105.7
419	1/29/2013 19:00:50	10.16	45.14	29.06	9.89	8.05	25.2	1.245	105.9
420	1/29/2013 19:15:50	10.11	45.38	29.23	9.76	8.04	21.9	1.283	104.5
421	1/29/2013 19:30:50	10.14	45.27	29.15	9.83	8.05	22.3	1.286	105.2
422	1/29/2013 19:45:50	10.13	45.15	29.07	9.85	8.05	20.1	1.342	105.4
423	1/29/2013 20:00:50	10.15	45.09	29.02	9.87	8.05	19.0	1.411	105.6

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	1/29/2013 20:15:50	10.14	45.15	29.07	9.89	8.05	18.5	1.476	105.8
425	1/29/2013 20:30:50	10.14	45.26	29.14	9.86	8.05	19.8	1.537	105.5
426	1/29/2013 20:45:50	10.14	44.62	28.69	9.84	8.03	18.7	1.618	105.1
427	1/29/2013 21:00:50	10.15	44.68	28.73	9.84	8.03	16.8	1.696	105.1
428	1/29/2013 21:15:50	10.15	44.79	28.81	9.81	8.03	17.4	1.779	104.8
429	1/29/2013 21:30:50	10.15	44.90	28.89	9.78	8.03	17.0	1.861	104.6
430	1/29/2013 21:45:50	10.15	45.05	29.00	9.75	8.03	17.3	1.949	104.3
431	1/29/2013 22:00:50	10.15	45.16	29.08	9.71	8.02	15.1	2.046	103.9
432	1/29/2013 22:15:50	10.15	45.53	29.34	9.69	8.01	13.9	2.147	103.9
433	1/29/2013 22:30:50	10.15	45.20	29.11	9.72	8.01	13.6	2.245	104.0
434	1/29/2013 22:45:50	10.17	46.02	29.69	9.69	8.01	11.0	2.355	104.2
435	1/29/2013 23:00:50	10.16	46.00	29.67	9.69	8.01	12.8	2.471	104.2
436	1/29/2013 23:15:50	10.16	46.55	30.07	9.65	8.01	17.5	2.556	104.0
437	1/29/2013 23:30:50	10.16	46.64	30.13	9.63	8.01	16.3	2.654	103.8
438	1/29/2013 23:45:50	10.13	46.78	30.23	9.59	8.01	19.1	2.751	103.4
439	1/30/2013 0:00:50	10.10	46.64	30.13	9.57	8.00	16.1	2.834	103.1
440	1/30/2013 0:15:50	10.06	46.91	30.32	9.56	8.00	18.2	2.923	103.0
441	1/30/2013 0:30:50	10.03	47.29	30.59	9.54	8.00	17.4	3.004	102.9
442	1/30/2013 0:45:50	10.00	47.65	30.85	9.57	8.00	15.1	3.069	103.3
443	1/30/2013 1:00:50	9.99	48.27	31.29	9.60	8.01	13.2	3.140	103.9
444	1/30/2013 1:15:50	9.97	48.46	31.43	9.61	8.01	11.0	3.204	104.0
445	1/30/2013 1:30:50	9.95	48.60	31.53	9.61	8.01	8.9	3.270	104.1
446	1/30/2013 1:45:50	9.94	48.67	31.58	9.60	8.01	7.3	3.310	103.9
447	1/30/2013 2:00:50	9.92	48.83	31.69	9.57	8.01	7.4	3.344	103.7
448	1/30/2013 2:15:50	9.95	48.60	31.53	9.56	8.01	8.1	3.356	103.5
449	1/30/2013 2:30:51	9.91	48.98	31.80	9.52	8.01	7.8	3.337	103.1
450	1/30/2013 2:45:50	9.92	48.80	31.67	9.56	8.01	8.9	3.306	103.5
451	1/30/2013 3:00:50	9.93	48.71	31.60	9.55	8.01	10.9	3.250	103.4
452	1/30/2013 3:15:51	9.94	47.56	30.78	9.42	8.00	10.6	3.174	101.5
453	1/30/2013 3:30:50	9.96	47.02	30.39	9.42	7.99	13.6	3.099	101.3
454	1/30/2013 3:45:50	9.98	47.33	30.62	9.43	8.00	11.5	2.996	101.6
455	1/30/2013 4:00:50	9.99	47.25	30.56	9.43	8.00	10.9	2.903	101.5
456	1/30/2013 4:15:50	9.98	47.17	30.51	9.41	8.00	9.2	2.800	101.3
457	1/30/2013 4:30:50	9.99	47.13	30.48	9.40	7.99	8.9	2.714	101.1
458	1/30/2013 4:45:50	9.97	47.03	30.40	9.40	7.99	10.2	2.607	101.1
459	1/30/2013 5:00:50	9.97	46.62	30.11	9.39	7.99	11.5	2.500	100.8
460	1/30/2013 5:15:50	9.99	46.22	29.82	9.38	7.99	10.4	2.404	100.5
461	1/30/2013 5:30:50	9.94	46.17	29.79	9.33	7.98	9.1	2.313	99.8
462	1/30/2013 5:45:50	9.93	45.64	29.40	9.31	7.98	9.8	2.231	99.3
463	1/30/2013 6:00:50	9.93	45.54	29.33	9.30	7.98	9.3	2.126	99.2
464	1/30/2013 6:15:51	9.88	45.58	29.36	9.24	7.98	9.6	2.036	98.5
465	1/30/2013 6:30:51	9.87	45.42	29.24	9.24	7.98	9.5	1.971	98.4
466	1/30/2013 6:45:50	9.87	45.21	29.09	9.21	7.98	9.5	1.892	97.9
467	1/30/2013 7:00:50	9.88	45.18	29.07	9.20	7.98	9.9	1.851	97.9
468	1/30/2013 7:15:50	9.85	45.08	29.00	9.19	7.98	9.4	1.812	97.7
469	1/30/2013 7:30:50	9.85	45.07	28.99	9.11	7.97	9.2	1.800	96.8
470	1/30/2013 7:45:50	9.93	45.35	29.20	9.17	7.98	8.3	1.809	97.8
471	1/30/2013 8:00:50	9.93	45.37	29.22	9.17	7.98	8.9	1.834	97.8
472	1/30/2013 8:15:50	9.96	45.34	29.19	9.22	7.98	8.6	1.880	98.4
473	1/30/2013 8:30:50	9.94	45.38	29.22	9.21	7.98	8.7	1.924	98.2
474	1/30/2013 8:45:51	9.95	45.48	29.29	9.23	7.98	8.4	1.994	98.5
475	1/30/2013 9:00:50	9.95	45.29	29.16	9.24	7.98	8.5	2.072	98.5
476	1/30/2013 9:15:50	9.96	45.31	29.17	9.25	7.98	7.8	2.149	98.6

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	1/30/2013 9:30:50	9.97	45.35	29.20	9.24	7.98	8.1	2.232	98.6
478	1/30/2013 9:45:50	9.98	45.51	29.32	9.26	7.98	8.4	2.309	98.9
479	1/30/2013 10:00:50	9.99	46.05	29.70	9.29	7.98	8.0	2.394	99.5
480	1/30/2013 10:15:51	9.99	46.41	29.96	9.30	7.98	7.5	2.467	99.8
481	1/30/2013 10:30:50	10.01	46.54	30.05	9.33	7.99	7.3	2.547	100.2
482	1/30/2013 10:45:50	10.02	46.65	30.13	9.38	7.99	7.6	2.628	100.8
483	1/30/2013 11:00:50	10.04	46.95	30.35	9.41	7.99	7.0	2.696	101.3
484	1/30/2013 11:15:50	10.04	47.05	30.42	9.40	8.00	7.8	2.772	101.2
485	1/30/2013 11:30:50	10.04	47.25	30.56	9.42	8.00	7.8	2.838	101.5
486	1/30/2013 11:45:50	10.05	47.51	30.75	9.44	8.00	8.3	2.904	101.9
487	1/30/2013 12:00:50	10.03	47.60	30.81	9.47	8.00	8.2	2.973	102.3
488	1/30/2013 12:15:50	10.03	47.82	30.97	9.48	8.00	8.3	3.039	102.5
489	1/30/2013 12:30:50	10.01	48.03	31.12	9.48	8.00	8.5	3.100	102.5
490	1/30/2013 12:45:50	10.01	48.00	31.10	9.49	8.00	7.1	3.158	102.6
491	1/30/2013 13:00:50	9.99	48.18	31.23	9.50	8.00	7.2	3.209	102.7
492	1/30/2013 13:15:50	10.01	48.39	31.38	9.49	8.00	6.8	3.245	102.8
493	1/30/2013 13:30:50	10.02	48.40	31.39	9.47	7.99	6.2	3.278	102.6
494	1/30/2013 13:45:50	10.12	48.28	31.31	9.55	8.01	5.4	3.290	103.6
495	1/30/2013 14:00:50	10.00	48.55	31.50	9.36	7.99	6.7	3.282	101.4
496	1/30/2013 14:15:50	10.01	48.50	31.46	9.42	7.99	5.9	3.263	102.0
497	1/30/2013 14:30:50	10.02	48.49	31.45	9.42	7.99	7.0	3.214	102.1
498	1/30/2013 14:45:50	10.12	47.95	31.07	9.51	8.00	10.0	3.150	103.0
499	1/30/2013 15:00:50	10.42	47.70	30.91	9.76	8.02	8.2	3.078	106.3
500	1/30/2013 15:15:50	10.33	47.73	30.92	9.66	8.02	9.6	2.986	105.0
501	1/30/2013 15:30:50	10.35	47.85	31.01	9.78	8.03	12.3	2.889	106.4
502	1/30/2013 15:45:50	10.39	47.89	31.05	10.02	8.06	11.7	2.796	109.2
503	1/30/2013 16:00:50	10.40	47.41	30.70	9.93	8.05	13.4	2.687	108.0
504	1/30/2013 16:15:50	10.46	47.28	30.61	9.98	8.06	19.8	2.579	108.6
505	1/30/2013 16:30:50	10.46	46.82	30.28	9.82	8.04	20.4	2.465	106.6
506	1/30/2013 16:45:50	10.49	46.32	29.92	10.12	8.06	15.4	2.352	109.7
507	1/30/2013 17:00:50	10.48	46.06	29.74	9.99	8.05	15.7	2.241	108.2
508	1/30/2013 17:15:50	10.48	46.13	29.79	9.88	8.05	17.2	2.131	107.1
509	1/30/2013 17:30:50	10.45	46.30	29.90	9.77	8.05	16.1	2.002	105.9
510	1/30/2013 17:45:50	10.49	45.90	29.62	9.91	8.06	15.7	1.885	107.3
511	1/30/2013 18:00:50	10.51	45.85	29.59	10.00	8.07	14.8	1.779	108.2
512	1/30/2013 18:15:51	10.50	45.78	29.54	10.03	8.08	12.8	1.670	108.6
513	1/30/2013 18:30:50	10.54	45.54	29.37	10.10	8.08	12.9	1.577	109.2
514	1/30/2013 18:45:50	10.53	45.62	29.42	10.11	8.08	11.4	1.495	109.3
515	1/30/2013 19:00:50	10.58	45.28	29.19	10.26	8.10	11.1	1.431	110.9
516	1/30/2013 19:15:50	10.60	45.28	29.19	10.31	8.10	10.8	1.374	111.5
517	1/30/2013 19:30:50	10.61	45.18	29.11	10.30	8.10	9.8	1.357	111.4
518	1/30/2013 19:45:50	10.56	45.29	29.19	10.19	8.10	8.8	1.367	110.2
519	1/30/2013 20:00:50	10.58	45.25	29.16	10.22	8.10	9.3	1.379	110.5
520	1/30/2013 20:15:50	10.57	45.30	29.20	10.20	8.10	9.0	1.424	110.3
521	1/30/2013 20:30:50	10.56	45.22	29.14	10.09	8.09	10.1	1.488	109.0
522	1/30/2013 20:45:50	10.56	45.25	29.16	10.05	8.08	10.4	1.550	108.6
523	1/30/2013 21:00:50	10.56	45.00	28.99	10.02	8.08	9.9	1.608	108.2
524	1/30/2013 21:15:50	10.58	44.75	28.80	10.00	8.07	10.2	1.689	107.9
525	1/30/2013 21:30:50	10.59	44.88	28.90	9.96	8.07	9.7	1.769	107.5
526	1/30/2013 21:45:51	10.57	44.89	28.91	9.89	8.06	8.8	1.835	106.8
527	1/30/2013 22:00:50	10.57	44.95	28.95	9.85	8.05	8.9	1.918	106.3
528	1/30/2013 22:15:50	10.56	45.15	29.09	9.78	8.05	9.1	2.011	105.7
529	1/30/2013 22:30:50	10.51	45.39	29.26	9.64	8.03	9.2	2.102	104.1

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
530	1/30/2013 22:45:50	10.42	46.17	29.81	9.48	8.02	8.4	2.197	102.6
531	1/30/2013 23:00:50	10.42	46.11	29.77	9.54	8.02	9.2	2.296	103.2
532	1/30/2013 23:15:50	10.42	46.51	30.06	9.55	8.02	8.1	2.394	103.4
533	1/30/2013 23:30:50	10.42	46.54	30.07	9.57	8.02	9.0	2.494	103.7
534	1/30/2013 23:45:50	10.40	46.38	29.96	9.58	8.02	9.0	2.583	103.6
535	1/31/2013 0:00:50	10.35	46.99	30.39	9.50	8.01	12.5	2.678	103.0
536	1/31/2013 0:15:50	10.32	46.98	30.38	9.49	8.01	12.6	2.769	102.8
537	1/31/2013 0:30:50	10.25	47.35	30.65	9.45	8.00	14.2	2.852	102.3
538	1/31/2013 0:45:50	10.21	47.50	30.75	9.42	8.00	12.5	2.937	102.0
539	1/31/2013 1:00:50	10.16	47.68	30.88	9.38	7.99	12.9	3.016	101.6
540	1/31/2013 1:15:50	10.08	48.11	31.18	9.30	7.98	11.7	3.091	100.7
541	1/31/2013 1:30:50	10.01	48.61	31.54	9.22	7.98	11.8	3.164	99.9
542	1/31/2013 1:45:50	9.97	48.97	31.80	9.17	7.98	10.9	3.235	99.5
543	1/31/2013 2:00:50	9.95	48.94	31.77	9.15	7.98	8.7	3.288	99.2
544	1/31/2013 2:15:50	9.93	49.26	32.00	9.11	7.98	7.9	3.341	98.9
545	1/31/2013 2:30:51	9.92	49.38	32.09	9.08	7.98	6.7	3.380	98.6
546	1/31/2013 2:45:51	9.92	49.39	32.09	9.00	7.97	5.6	3.387	97.7
547	1/31/2013 3:00:50	9.94	49.09	31.88	9.06	7.97	8.4	3.380	98.2
548	1/31/2013 3:15:50	9.92	49.12	31.90	9.04	7.97	8.9	3.351	98.0
549	1/31/2013 3:30:50	10.06	47.57	30.80	9.24	7.99	11.0	3.301	99.9
550	1/31/2013 3:45:50	9.98	48.06	31.14	9.17	7.98	9.2	3.228	99.1
551	1/31/2013 4:00:50	10.10	47.73	30.91	9.27	7.99	8.9	3.146	100.2
552	1/31/2013 4:15:50	10.13	47.49	30.74	9.25	7.99	7.6	3.050	100.0
553	1/31/2013 4:30:50	10.15	47.30	30.60	9.24	7.99	8.2	2.950	99.9
554	1/31/2013 4:45:50	10.14	47.33	30.63	9.25	7.99	7.9	2.857	99.9
555	1/31/2013 5:00:50	10.13	47.37	30.65	9.25	7.99	7.0	2.757	100.0
556	1/31/2013 5:15:50	10.15	47.17	30.51	9.26	7.99	8.7	2.664	100.0
557	1/31/2013 5:30:50	10.21	46.50	30.04	9.33	8.00	10.3	2.571	100.6
558	1/31/2013 5:45:50	10.13	46.86	30.29	9.29	7.99	7.7	2.463	100.1
559	1/31/2013 6:00:50	10.12	46.62	30.12	9.27	7.99	7.2	2.360	99.8
560	1/31/2013 6:15:50	10.14	46.24	29.85	9.28	7.99	6.9	2.260	99.8
561	1/31/2013 6:30:50	10.14	46.03	29.69	9.29	8.00	7.0	2.164	99.8
562	1/31/2013 6:45:50	10.11	45.87	29.58	9.28	8.00	6.9	2.077	99.6
563	1/31/2013 7:00:50	10.12	45.72	29.47	9.29	8.00	6.6	1.991	99.6
564	1/31/2013 7:15:50	10.15	45.52	29.33	9.31	8.00	7.4	1.908	99.8
565	1/31/2013 7:30:50	10.14	45.35	29.21	9.32	8.00	7.3	1.842	99.8
566	1/31/2013 7:45:50	10.16	45.32	29.19	9.33	8.01	6.5	1.788	99.9
567	1/31/2013 8:00:50	10.18	45.33	29.20	9.35	8.01	6.0	1.752	100.2
568	1/31/2013 8:15:50	10.16	45.18	29.09	9.30	8.01	6.6	1.741	99.5
569	1/31/2013 8:30:50	10.18	45.42	29.26	9.23	8.00	7.2	1.749	99.0
570	1/31/2013 8:45:50	10.16	45.49	29.31	9.23	8.00	6.5	1.760	99.0
571	1/31/2013 9:00:50	10.19	45.53	29.34	9.25	8.00	6.1	1.809	99.2
572	1/31/2013 9:15:50	10.17	45.56	29.36	9.24	7.99	6.8	1.868	99.2
573	1/31/2013 9:30:50	10.22	45.60	29.39	9.27	8.00	6.7	1.931	99.6
574	1/31/2013 9:45:50	10.22	45.55	29.36	9.27	8.00	5.9	2.004	99.6
575	1/31/2013 10:00:50	10.22	45.46	29.30	9.25	7.99	6.0	2.078	99.3
576	1/31/2013 10:15:50	10.23	45.56	29.36	9.23	7.99	5.7	2.156	99.1
577	1/31/2013 10:30:50	10.23	45.69	29.46	9.19	7.99	6.7	2.233	98.7
578	1/31/2013 10:45:50	10.21	46.20	29.82	9.16	7.99	6.7	2.301	98.7
579	1/31/2013 11:00:50	10.21	46.27	29.87	9.18	7.99	6.0	2.384	98.9
580	1/31/2013 11:15:50	10.21	46.58	30.09	9.15	7.98	6.2	2.454	98.7
581	1/31/2013 11:30:50	10.22	46.69	30.18	9.10	7.98	6.7	2.527	98.3
582	1/31/2013 11:45:50	10.29	46.78	30.24	9.13	7.98	6.1	2.595	98.8

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
583	1/31/2013 12:00:50	10.29	46.96	30.37	9.26	7.99	6.0	2.655	100.2
584	1/31/2013 12:15:50	10.25	47.22	30.56	9.28	7.99	5.9	2.725	100.4
585	1/31/2013 12:30:50	10.25	47.30	30.61	9.27	7.99	6.8	2.789	100.5
586	1/31/2013 12:45:50	10.23	47.59	30.82	9.24	7.99	6.2	2.842	100.2
587	1/31/2013 13:00:50	10.24	47.71	30.90	9.22	7.99	6.7	2.904	100.1
588	1/31/2013 13:15:50	10.25	47.74	30.93	9.23	7.98	6.5	2.962	100.1
589	1/31/2013 13:30:50	10.21	47.86	31.01	9.19	7.98	6.4	3.012	99.7
590	1/31/2013 13:45:50	10.19	48.09	31.17	9.15	7.98	5.9	3.059	99.4
591	1/31/2013 14:00:50	10.17	48.14	31.21	9.12	7.97	6.1	3.102	99.0
592	1/31/2013 14:15:50	10.17	48.24	31.28	9.09	7.97	5.7	3.145	98.8
593	1/31/2013 14:30:50	10.17	48.28	31.31	9.06	7.97	5.4	3.150	98.4
594	1/31/2013 14:45:50	10.15	48.28	31.31	9.08	7.97	5.7	3.161	98.6
595	1/31/2013 15:00:50	10.07	48.50	31.46	8.94	7.96	6.1	3.155	97.0
596	1/31/2013 15:15:50	10.08	48.41	31.40	9.00	7.96	7.1	3.120	97.6
597	1/31/2013 15:30:50	10.12	48.21	31.26	9.00	7.97	7.7	3.055	97.7
598	1/31/2013 15:45:50	10.42	47.80	30.98	9.29	7.99	8.7	2.990	101.3
599	1/31/2013 16:00:50	10.63	47.63	30.87	9.47	8.02	5.8	2.912	103.6
600	1/31/2013 16:15:51	10.55	47.69	30.91	9.43	8.01	5.6	2.823	103.1
601	1/31/2013 16:30:50	10.57	47.30	30.63	9.56	8.02	6.2	2.727	104.3
602	1/31/2013 16:45:50	10.61	47.33	30.65	9.77	8.04	5.6	2.634	106.7
603	1/31/2013 17:00:50	10.64	46.91	30.35	9.86	8.05	5.5	2.540	107.6
604	1/31/2013 17:15:50	10.60	46.78	30.26	9.96	8.06	5.4	2.430	108.5
605	1/31/2013 17:30:50	10.60	46.64	30.16	10.09	8.08	5.7	2.338	109.8
606	1/31/2013 17:45:50	10.62	46.29	29.91	9.93	8.06	5.7	2.229	108.0
607	1/31/2013 18:00:50	10.61	46.38	29.97	10.13	8.09	6.1	2.116	110.1
608	1/31/2013 18:15:50	10.59	46.31	29.92	10.09	8.09	5.9	2.025	109.6
609	1/31/2013 18:30:50	10.62	46.11	29.78	10.10	8.10	5.5	1.925	109.7
610	1/31/2013 18:45:50	10.71	45.77	29.54	10.41	8.13	5.4	1.832	113.1
611	1/31/2013 19:00:50	10.73	45.58	29.41	10.50	8.14	5.6	1.740	114.0
612	1/31/2013 19:15:50	10.72	45.52	29.36	10.51	8.14	5.4	1.675	114.1
613	1/31/2013 19:30:50	10.74	45.36	29.25	10.45	8.14	5.1	1.614	113.4
614	1/31/2013 19:45:50	10.75	45.50	29.35	10.39	8.14	4.7	1.562	112.8
615	1/31/2013 20:00:50	10.74	45.41	29.28	10.38	8.14	4.7	1.537	112.7
616	1/31/2013 20:15:50	10.69	45.45	29.31	10.28	8.14	4.6	1.542	111.5
617	1/31/2013 20:30:50	10.71	45.47	29.33	10.27	8.13	4.4	1.533	111.5
618	1/31/2013 20:45:50	10.71	45.46	29.32	10.24	8.13	4.6	1.572	111.1
619	1/31/2013 21:00:50	10.73	45.52	29.36	10.19	8.13	4.6	1.607	110.7
620	1/31/2013 21:15:50	10.71	45.51	29.36	10.16	8.12	4.6	1.669	110.3
621	1/31/2013 21:30:50	10.73	45.46	29.32	10.11	8.12	4.7	1.727	109.8
622	1/31/2013 21:45:50	10.72	45.31	29.22	10.05	8.11	5.2	1.799	109.0
623	1/31/2013 22:00:50	10.75	45.01	29.00	9.99	8.10	5.1	1.872	108.3
624	1/31/2013 22:15:50	10.75	45.38	29.27	9.90	8.09	5.1	1.942	107.5
625	1/31/2013 22:30:50	10.74	45.42	29.30	9.83	8.09	4.6	2.028	106.8
626	1/31/2013 22:45:50	10.75	45.74	29.52	9.66	8.07	5.4	2.119	105.0
627	1/31/2013 23:00:50	10.69	45.97	29.68	9.47	8.05	5.4	2.203	103.0
628	1/31/2013 23:15:50	10.61	46.41	29.99	9.31	8.03	5.2	2.291	101.2
629	1/31/2013 23:30:50	10.59	46.51	30.07	9.28	8.02	5.6	2.389	100.9
630	1/31/2013 23:45:51	10.58	46.72	30.22	9.23	8.02	5.9	2.471	100.4
631	2/1/2013 0:00:51	10.55	46.91	30.35	9.25	8.02	6.7	2.565	100.7
632	2/1/2013 0:15:50	10.52	47.01	30.42	9.25	8.01	6.2	2.655	100.6
633	2/1/2013 0:30:50	10.42	47.22	30.56	9.17	8.01	8.4	2.742	99.7
634	2/1/2013 0:45:50	10.33	47.52	30.77	9.09	7.99	9.4	2.824	98.8
635	2/1/2013 1:00:50	10.26	47.76	30.94	9.01	7.98	9.6	2.918	97.8

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	2/1/2013 1:15:50	10.18	47.97	31.09	8.94	7.98	9.9	2.998	96.9
637	2/1/2013 1:30:50	10.08	48.08	31.16	8.89	7.97	10.6	3.078	96.3
638	2/1/2013 1:45:50	9.95	48.54	31.49	8.75	7.96	11.2	3.164	94.7
639	2/1/2013 2:00:51	9.83	49.18	31.94	8.52	7.94	10.8	3.247	92.2
640	2/1/2013 2:15:50	9.75	49.41	32.10	8.42	7.93	10.6	3.321	91.1
641	2/1/2013 2:30:51	9.69	49.61	32.24	8.36	7.93	9.9	3.381	90.4
642	2/1/2013 2:45:50	9.66	49.56	32.20	8.34	7.92	9.4	3.438	90.1
643	2/1/2013 3:00:50	9.66	49.58	32.21	8.33	7.92	8.5	3.476	90.0
644	2/1/2013 3:15:50	9.65	49.73	32.32	8.26	7.92	6.3	3.498	89.3
645	2/1/2013 3:30:50	9.67	49.64	32.26	8.32	7.93	7.8	3.501	90.0
646	2/1/2013 3:45:50	9.66	49.56	32.20	8.31	7.92	8.1	3.483	89.8
647	2/1/2013 4:00:50	9.66	49.77	32.35	8.28	7.92	8.9	3.434	89.5
648	2/1/2013 4:15:51	9.73	49.17	31.92	8.46	7.94	9.5	3.366	91.4
649	2/1/2013 4:30:50	9.75	48.54	31.47	8.72	7.95	7.1	3.291	93.9
650	2/1/2013 4:45:51	9.79	48.50	31.45	8.80	7.96	6.7	3.199	94.9
651	2/1/2013 5:00:50	9.86	48.07	31.14	8.86	7.96	6.0	3.103	95.5
652	2/1/2013 5:15:51	9.86	48.33	31.33	8.79	7.96	6.0	3.001	94.9
653	2/1/2013 5:30:51	9.92	48.14	31.20	8.87	7.97	5.7	2.903	95.7
654	2/1/2013 5:45:51	9.93	47.84	30.98	8.91	7.97	5.6	2.806	96.1
655	2/1/2013 6:00:51	9.88	47.86	30.99	8.94	7.97	5.6	2.717	96.3
656	2/1/2013 6:15:50	10.03	47.08	30.44	9.19	8.00	8.5	2.612	98.9
657	2/1/2013 6:30:51	10.02	46.87	30.29	9.23	8.00	6.2	2.509	99.3
658	2/1/2013 6:45:50	10.05	46.51	30.03	9.28	8.01	5.7	2.421	99.8
659	2/1/2013 7:00:50	9.99	46.35	29.91	9.30	8.02	5.8	2.321	99.7
660	2/1/2013 7:15:50	9.82	46.12	29.74	9.32	8.02	4.9	2.212	99.4
661	2/1/2013 7:30:51	9.71	46.29	29.85	9.27	8.01	4.9	2.129	98.7
662	2/1/2013 7:45:51	9.75	45.99	29.64	9.34	8.02	4.8	2.038	99.5
663	2/1/2013 8:00:50	9.71	45.76	29.48	9.35	8.03	4.6	1.941	99.4
664	2/1/2013 8:15:50	9.79	45.63	29.39	9.44	8.04	4.9	1.866	100.5
665	2/1/2013 8:30:50	9.85	45.71	29.45	9.50	8.05	4.9	1.805	101.2
666	2/1/2013 8:45:51	9.88	45.62	29.39	9.56	8.05	4.2	1.760	101.9
667	2/1/2013 9:00:50	9.89	45.53	29.32	9.58	8.06	4.2	1.730	102.1
668	2/1/2013 9:15:51	9.87	45.61	29.38	9.47	8.05	4.0	1.727	101.0
669	2/1/2013 9:30:50	9.88	45.60	29.37	9.52	8.05	4.2	1.758	101.4
670	2/1/2013 9:45:51	9.89	45.69	29.44	9.46	8.04	4.1	1.777	100.9
671	2/1/2013 10:00:50	9.94	45.69	29.44	9.45	8.04	4.3	1.821	100.9
672	2/1/2013 10:15:50	9.94	45.76	29.49	9.41	8.04	4.2	1.892	100.5
673	2/1/2013 10:30:50	9.99	45.50	29.31	9.41	8.03	4.2	1.959	100.5
674	2/1/2013 10:45:50	10.00	45.69	29.44	9.39	8.03	4.0	2.025	100.4
675	2/1/2013 11:00:51	9.98	45.70	29.45	9.31	8.02	4.2	2.090	99.5
676	2/1/2013 11:15:50	9.98	45.64	29.41	9.28	8.02	4.8	2.160	99.1
677	2/1/2013 11:30:50	9.99	46.03	29.69	9.14	8.01	5.0	2.223	97.9
678	2/1/2013 11:45:50	10.00	46.14	29.76	9.09	8.00	4.8	2.291	97.4
679	2/1/2013 12:00:50	10.01	46.51	30.03	9.05	7.99	5.2	2.350	97.1
680	2/1/2013 12:15:50	10.03	46.88	30.29	9.03	7.99	5.2	2.416	97.1
681	2/1/2013 12:30:51	10.06	46.87	30.29	9.05	7.99	5.4	2.484	97.5
682	2/1/2013 12:45:50	10.14	47.06	30.43	9.09	7.99	5.0	2.547	98.1
683	2/1/2013 13:00:51	10.21	47.16	30.51	9.10	8.00	4.9	2.601	98.5
684	2/1/2013 13:15:51	10.18	47.37	30.65	9.07	7.99	4.9	2.673	98.1
685	2/1/2013 13:30:51	10.14	47.55	30.79	9.01	7.99	5.0	2.734	97.5
686	2/1/2013 13:45:51	10.14	47.75	30.92	8.95	7.98	5.2	2.776	96.9
687	2/1/2013 14:00:51	10.13	47.86	31.00	8.92	7.98	5.0	2.842	96.7
688	2/1/2013 14:15:51	10.14	47.90	31.04	8.90	7.97	5.1	2.890	96.4

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
689	2/1/2013 14:30:50	10.10	47.90	31.04	8.85	7.97	5.6	2.939	95.8
690	2/1/2013 14:45:50	10.15	48.08	31.16	8.83	7.96	5.4	2.974	95.8
691	2/1/2013 15:00:51	10.09	48.11	31.18	8.78	7.96	5.4	3.012	95.1
692	2/1/2013 15:15:50	10.07	48.26	31.29	8.74	7.96	5.0	3.037	94.7
693	2/1/2013 15:30:50	10.19	47.78	30.95	8.94	7.97	4.9	3.047	96.9
694	2/1/2013 15:45:50	10.04	48.27	31.30	8.68	7.95	5.5	3.045	94.0
695	2/1/2013 16:00:50	10.01	48.26	31.29	8.66	7.95	4.8	3.023	93.7
696	2/1/2013 16:15:50	10.05	48.14	31.20	8.71	7.95	5.1	2.977	94.3
697	2/1/2013 16:30:50	10.37	47.71	30.92	9.19	8.00	4.7	2.931	100.0
698	2/1/2013 16:45:50	10.41	47.66	30.88	9.11	8.00	4.8	2.871	99.2
699	2/1/2013 17:00:50	10.53	47.42	30.71	9.40	8.02	5.1	2.793	102.6
700	2/1/2013 17:15:51	10.56	47.31	30.64	9.41	8.03	4.9	2.718	102.7
701	2/1/2013 17:30:50	10.54	47.18	30.55	9.52	8.04	4.4	2.640	103.7
702	2/1/2013 17:45:51	10.58	46.97	30.39	9.75	8.06	4.1	2.562	106.2
703	2/1/2013 18:00:50	10.47	47.02	30.43	9.72	8.06	4.3	2.462	105.7
704	2/1/2013 18:15:50	10.48	46.55	30.09	9.81	8.07	4.8	2.384	106.5
705	2/1/2013 18:30:50	10.47	46.75	30.23	9.98	8.09	4.8	2.307	108.3
706	2/1/2013 18:45:50	10.47	46.56	30.09	10.01	8.09	4.2	2.219	108.5
707	2/1/2013 19:00:50	10.51	46.17	29.82	9.97	8.09	4.6	2.129	108.0
708	2/1/2013 19:15:50	10.50	46.08	29.75	9.97	8.09	4.2	2.052	108.0
709	2/1/2013 19:30:50	10.57	45.99	29.69	10.28	8.13	4.0	1.984	111.5
710	2/1/2013 19:45:51	10.59	45.90	29.63	10.49	8.16	4.0	1.915	113.8
711	2/1/2013 20:00:50	10.60	45.67	29.46	10.61	8.17	3.7	1.857	115.0
712	2/1/2013 20:15:50	10.59	45.69	29.47	10.57	8.17	3.7	1.811	114.5
713	2/1/2013 20:30:50	10.63	45.67	29.47	10.50	8.17	4.0	1.791	113.9
714	2/1/2013 20:45:50	10.59	45.54	29.37	10.49	8.18	3.3	1.757	113.6
715	2/1/2013 21:00:50	10.58	45.77	29.53	10.23	8.16	3.3	1.766	110.9
716	2/1/2013 21:15:50	10.58	45.74	29.51	10.06	8.14	3.5	1.779	109.0
717	2/1/2013 21:30:50	10.54	45.87	29.61	10.04	8.14	3.7	1.811	108.7
718	2/1/2013 21:45:50	10.55	45.90	29.63	9.92	8.13	4.0	1.854	107.5
719	2/1/2013 22:00:50	10.53	45.86	29.59	9.90	8.12	3.8	1.904	107.2
720	2/1/2013 22:15:50	10.51	45.63	29.43	9.81	8.11	4.0	1.961	106.1
721	2/1/2013 22:30:50	10.51	45.69	29.47	9.69	8.10	4.1	2.025	104.7
722	2/1/2013 22:45:50	10.50	45.89	29.62	9.61	8.09	3.9	2.099	104.0
723	2/1/2013 23:00:50	10.50	46.02	29.71	9.53	8.08	5.1	2.169	103.2
724	2/1/2013 23:15:51	10.51	46.24	29.87	9.39	8.07	4.3	2.250	101.8
725	2/1/2013 23:30:50	10.49	46.50	30.05	9.23	8.04	4.3	2.330	100.1
726	2/1/2013 23:45:50	10.43	46.76	30.23	9.11	8.03	4.7	2.406	98.8
727	2/2/2013 0:00:50	10.40	46.91	30.34	9.02	8.02	4.6	2.488	97.9
728	2/2/2013 0:15:50	10.37	47.03	30.42	8.94	8.01	4.8	2.570	97.0
729	2/2/2013 0:30:50	10.32	47.26	30.58	8.90	8.00	5.4	2.653	96.5
730	2/2/2013 0:45:50	10.27	47.54	30.78	8.81	7.99	5.4	2.747	95.5
731	2/2/2013 1:00:51	10.19	47.89	31.03	8.68	7.98	6.7	2.821	94.2
732	2/2/2013 1:15:51	10.12	48.12	31.19	8.64	7.97	7.1	2.910	93.7
733	2/2/2013 1:30:51	10.05	48.26	31.29	8.58	7.96	8.0	2.997	93.0
734	2/2/2013 1:45:50	10.01	48.32	31.33	8.55	7.95	8.2	3.076	92.5
735	2/2/2013 2:00:50	9.93	48.54	31.49	8.53	7.95	8.1	3.161	92.3
736	2/2/2013 2:15:50	9.84	48.57	31.50	8.50	7.94	9.4	3.250	91.8
737	2/2/2013 2:30:51	9.73	49.02	31.81	8.42	7.93	9.8	3.329	90.8
738	2/2/2013 2:45:51	9.64	49.43	32.11	8.27	7.92	10.3	3.404	89.3
739	2/2/2013 3:00:50	9.57	49.45	32.11	8.20	7.91	9.2	3.467	88.3
740	2/2/2013 3:15:50	9.49	49.90	32.43	8.15	7.91	7.4	3.522	87.8
741	2/2/2013 3:30:51	9.47	49.97	32.48	8.13	7.90	7.3	3.569	87.7

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
742	2/2/2013 3:45:51	9.45	50.07	32.55	8.11	7.91	5.5	3.596	87.4
743	2/2/2013 4:00:50	9.50	49.79	32.36	8.17	7.91	5.8	3.603	88.0
744	2/2/2013 4:15:50	9.47	49.98	32.49	8.12	7.90	7.1	3.604	87.5
745	2/2/2013 4:30:50	9.46	50.04	32.53	8.14	7.91	7.0	3.572	87.8
746	2/2/2013 4:45:51	9.52	49.77	32.34	8.20	7.91	7.3	3.516	88.4
747	2/2/2013 5:00:50	9.69	48.69	31.57	8.49	7.94	5.9	3.449	91.5
748	2/2/2013 5:15:51	9.67	48.77	31.63	8.51	7.94	5.7	3.380	91.7
749	2/2/2013 5:30:50	9.69	48.65	31.55	8.54	7.94	5.2	3.287	91.9
750	2/2/2013 5:45:51	9.74	48.54	31.47	8.60	7.95	5.7	3.193	92.6
751	2/2/2013 6:00:51	9.75	48.55	31.48	8.57	7.95	5.1	3.094	92.4
752	2/2/2013 6:15:50	9.80	48.31	31.31	8.64	7.95	5.1	2.990	93.1
753	2/2/2013 6:30:50	9.82	48.15	31.20	8.63	7.96	4.9	2.892	92.9
754	2/2/2013 6:45:50	9.75	48.19	31.22	8.63	7.95	4.8	2.799	92.9
755	2/2/2013 7:00:51	9.71	48.39	31.36	8.69	7.95	4.6	2.706	93.5
756	2/2/2013 7:15:51	9.85	47.68	30.86	8.93	7.98	5.6	2.599	96.1
757	2/2/2013 7:30:50	9.93	46.95	30.34	9.12	8.01	5.3	2.495	97.9
758	2/2/2013 7:45:51	9.83	47.20	30.52	8.93	8.00	4.3	2.408	95.8
759	2/2/2013 8:00:50	9.92	46.54	30.05	9.30	8.03	4.2	2.303	99.6
760	2/2/2013 8:15:51	9.79	46.71	30.16	9.25	8.02	4.6	2.225	98.9
761	2/2/2013 8:30:50	9.85	46.28	29.86	9.40	8.04	3.8	2.133	100.4
762	2/2/2013 8:45:50	9.86	46.10	29.73	9.45	8.05	4.0	2.033	100.9
763	2/2/2013 9:00:51	9.93	46.19	29.79	9.50	8.06	3.8	1.943	101.7
764	2/2/2013 9:15:51	9.96	46.19	29.80	9.58	8.07	3.9	1.851	102.6
765	2/2/2013 9:30:51	10.01	46.03	29.69	9.68	8.08	3.5	1.809	103.6
766	2/2/2013 9:45:51	10.05	45.96	29.64	9.73	8.09	3.4	1.753	104.3
767	2/2/2013 10:00:51	10.07	45.83	29.55	9.77	8.10	3.3	1.721	104.7
768	2/2/2013 10:15:50	10.10	45.74	29.49	9.75	8.10	3.4	1.737	104.5
769	2/2/2013 10:30:50	10.08	45.93	29.62	9.65	8.09	3.1	1.743	103.5
770	2/2/2013 10:45:51	10.07	45.86	29.57	9.61	8.08	3.2	1.753	103.0
771	2/2/2013 11:00:50	10.07	45.94	29.63	9.56	8.08	3.4	1.798	102.6
772	2/2/2013 11:15:50	10.06	45.94	29.63	9.48	8.07	3.4	1.848	101.7
773	2/2/2013 11:30:50	10.05	45.98	29.65	9.44	8.06	3.5	1.896	101.2
774	2/2/2013 11:45:50	10.08	45.88	29.58	9.43	8.06	3.7	1.970	101.1
775	2/2/2013 12:00:50	10.07	45.90	29.60	9.39	8.06	3.5	2.056	100.7
776	2/2/2013 12:15:50	10.02	45.92	29.61	9.32	8.05	3.4	2.090	99.8
777	2/2/2013 12:30:50	10.03	45.66	29.43	9.34	8.05	3.4	2.160	99.9
778	2/2/2013 12:45:50	10.00	46.02	29.68	9.23	8.04	3.4	2.217	98.8
779	2/2/2013 13:00:50	9.99	45.96	29.63	9.16	8.02	4.0	2.284	98.0
780	2/2/2013 13:15:50	9.99	46.30	29.88	9.08	8.02	4.0	2.336	97.4
781	2/2/2013 13:30:50	9.99	46.52	30.04	9.02	8.01	4.0	2.410	96.8
782	2/2/2013 13:45:50	10.00	46.80	30.23	8.94	8.00	4.1	2.467	96.1
783	2/2/2013 14:00:50	10.01	47.05	30.42	8.85	7.99	4.3	2.521	95.2
784	2/2/2013 14:15:50	10.04	47.15	30.49	8.84	7.99	4.1	2.577	95.3
785	2/2/2013 14:30:50	10.07	47.25	30.57	8.86	7.99	4.2	2.614	95.5
786	2/2/2013 14:45:50	10.09	47.30	30.60	8.87	7.99	4.8	2.681	95.8
787	2/2/2013 15:00:50	10.07	47.42	30.68	8.86	7.99	4.0	2.704	95.7
788	2/2/2013 15:15:50	10.05	47.60	30.82	8.83	7.98	3.9	2.776	95.3
789	2/2/2013 15:30:50	10.07	47.65	30.85	8.75	7.98	3.9	2.833	94.6
790	2/2/2013 15:45:50	10.06	47.89	31.02	8.74	7.97	4.2	2.873	94.5
791	2/2/2013 16:00:51	10.06	47.85	31.00	8.71	7.97	4.2	2.902	94.1
792	2/2/2013 16:15:50	10.06	47.89	31.03	8.67	7.97	3.7	2.934	93.8
793	2/2/2013 16:30:50	10.11	47.75	30.92	8.71	7.98	4.0	2.926	94.3
794	2/2/2013 16:45:50	10.01	47.91	31.03	8.59	7.96	3.9	2.958	92.8

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	2/2/2013 17:00:50	9.97	48.08	31.16	8.55	7.95	4.2	2.927	92.4
796	2/2/2013 17:15:50	9.98	47.94	31.06	8.58	7.95	4.6	2.913	92.6
797	2/2/2013 17:30:50	10.01	47.88	31.01	8.62	7.96	4.8	2.878	93.1
798	2/2/2013 17:45:50	10.08	47.84	30.99	8.72	7.97	4.1	2.860	94.3
799	2/2/2013 18:00:50	10.22	47.43	30.70	9.02	8.00	4.4	2.800	97.7
800	2/2/2013 18:15:50	10.35	47.22	30.56	9.11	8.02	4.3	2.726	98.9
801	2/2/2013 18:30:50	10.39	47.20	30.55	9.09	8.03	4.3	2.632	98.7
802	2/2/2013 18:45:50	10.41	47.11	30.49	9.36	8.04	4.0	2.573	101.7
803	2/2/2013 19:00:50	10.60	46.98	30.40	9.61	8.08	3.8	2.501	104.8
804	2/2/2013 19:15:50	10.39	46.74	30.22	9.48	8.06	3.9	2.438	102.8
805	2/2/2013 19:30:50	10.36	46.37	29.95	9.62	8.07	3.7	2.338	104.0
806	2/2/2013 19:45:51	10.56	46.43	30.00	9.74	8.10	4.4	2.273	105.8
807	2/2/2013 20:00:50	10.46	46.23	29.86	9.72	8.10	4.0	2.192	105.2
808	2/2/2013 20:15:50	10.45	46.03	29.72	9.78	8.10	3.6	2.117	105.8
809	2/2/2013 20:30:50	10.52	46.13	29.79	10.01	8.13	3.4	2.105	108.5
810	2/2/2013 20:45:50	10.50	46.04	29.72	9.99	8.13	3.2	2.054	108.2
811	2/2/2013 21:00:51	10.58	46.08	29.75	9.99	8.14	3.7	1.992	108.4
812	2/2/2013 21:15:51	10.54	46.00	29.69	10.00	8.14	3.5	1.975	108.4
813	2/2/2013 21:30:50	10.58	45.85	29.59	9.97	8.15	3.1	1.997	108.0
814	2/2/2013 21:45:50	10.50	46.06	29.74	9.63	8.11	2.9	1.962	104.3
815	2/2/2013 22:00:50	10.49	46.14	29.79	9.53	8.10	3.1	1.962	103.3
816	2/2/2013 22:15:50	10.45	46.23	29.86	9.43	8.09	3.5	2.006	102.1
817	2/2/2013 22:30:50	10.48	46.27	29.89	9.46	8.09	3.7	2.069	102.5
818	2/2/2013 22:45:50	10.42	46.31	29.91	9.37	8.08	3.8	2.121	101.4
819	2/2/2013 23:00:50	10.37	46.41	29.98	9.33	8.07	3.7	2.177	100.9
820	2/2/2013 23:15:50	10.37	46.36	29.94	9.33	8.07	3.4	2.190	100.9
821	2/2/2013 23:30:50	10.36	46.43	29.99	9.27	8.06	3.6	2.274	100.3
822	2/2/2013 23:45:50	10.35	46.48	30.03	9.21	8.06	3.5	2.348	99.6
823	2/3/2013 0:00:50	10.32	46.63	30.13	9.11	8.04	3.9	2.389	98.6
824	2/3/2013 0:15:50	10.28	46.94	30.36	8.92	8.02	4.0	2.479	96.5
825	2/3/2013 0:30:50	10.30	46.88	30.31	8.98	8.03	3.9	2.531	97.2
826	2/3/2013 0:45:50	10.25	47.13	30.49	8.88	8.01	4.0	2.581	96.1
827	2/3/2013 1:00:50	10.18	47.40	30.68	8.72	7.99	4.3	2.680	94.4
828	2/3/2013 1:15:51	10.11	47.75	30.92	8.62	7.98	4.6	2.743	93.3
829	2/3/2013 1:30:51	10.03	47.98	31.08	8.53	7.96	4.3	2.817	92.2
830	2/3/2013 1:45:50	9.99	48.13	31.19	8.49	7.96	4.9	2.891	91.8
831	2/3/2013 2:00:50	9.94	48.39	31.37	8.42	7.95	5.0	2.980	91.1
832	2/3/2013 2:15:51	9.92	48.42	31.40	8.43	7.95	5.6	3.044	91.1
833	2/3/2013 2:30:51	9.87	48.68	31.58	8.38	7.94	5.7	3.135	90.6
834	2/3/2013 2:45:51	9.84	48.72	31.61	8.36	7.93	5.4	3.177	90.3
835	2/3/2013 3:00:50	9.80	48.69	31.58	8.34	7.93	6.7	3.286	90.0
836	2/3/2013 3:15:51	9.74	49.05	31.84	8.32	7.92	7.2	3.350	89.9
837	2/3/2013 3:30:50	9.66	49.19	31.94	8.29	7.91	7.6	3.420	89.4
838	2/3/2013 3:45:50	9.58	49.47	32.13	8.23	7.90	7.8	3.465	88.7
839	2/3/2013 4:00:50	9.53	49.74	32.32	8.20	7.89	6.3	3.511	88.4
840	2/3/2013 4:15:51	9.48	49.95	32.47	8.23	7.89	6.7	3.569	88.7
841	2/3/2013 4:30:51	9.45	50.06	32.55	8.33	7.89	5.7	3.607	89.7
842	2/3/2013 4:45:51	9.44	50.16	32.62	8.27	7.89	4.9	3.598	89.1
843	2/3/2013 5:00:50	9.46	50.01	32.51	8.32	7.89	6.2	3.627	89.6
844	2/3/2013 5:15:50	9.44	50.16	32.62	8.36	7.88	6.7	3.610	90.1
845	2/3/2013 5:30:51	9.45	50.06	32.55	8.37	7.89	6.6	3.576	90.2
846	2/3/2013 5:45:51	9.68	49.26	31.98	8.30	7.91	6.7	3.547	89.5
847	2/3/2013 6:00:50	9.75	48.70	31.58	8.35	7.92	5.6	3.468	90.0

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
848	2/3/2013 6:15:50	9.74	48.90	31.73	8.34	7.92	5.9	3.371	89.9
849	2/3/2013 6:30:51	9.73	48.87	31.71	8.45	7.93	5.1	3.301	91.2
850	2/3/2013 6:45:51	9.78	48.69	31.58	8.46	7.93	4.9	3.218	91.2
851	2/3/2013 7:00:50	9.84	48.45	31.41	8.47	7.94	4.6	3.139	91.4
852	2/3/2013 7:15:51	9.83	48.53	31.47	8.46	7.94	4.7	3.005	91.3
853	2/3/2013 7:30:51	9.87	48.45	31.41	8.49	7.94	4.2	2.896	91.7
854	2/3/2013 7:45:51	9.96	48.04	31.12	8.55	7.95	4.4	2.807	92.4
855	2/3/2013 8:00:50	9.96	47.79	30.94	8.61	7.96	4.2	2.713	92.9
856	2/3/2013 8:15:50	9.99	47.79	30.95	8.75	7.97	4.0	2.615	94.4
857	2/3/2013 8:30:51	10.10	47.24	30.56	9.00	8.00	4.1	2.516	97.2
858	2/3/2013 8:45:51	10.11	47.13	30.48	9.10	8.01	3.9	2.410	98.2
859	2/3/2013 9:00:51	10.15	46.85	30.28	9.16	8.03	3.6	2.327	98.8
860	2/3/2013 9:15:50	10.17	46.92	30.34	9.31	8.04	4.2	2.215	100.5
861	2/3/2013 9:30:51	10.28	46.41	29.97	9.47	8.07	3.6	2.114	102.3
862	2/3/2013 9:45:50	10.31	46.32	29.91	9.61	8.08	3.5	2.007	103.8
863	2/3/2013 10:00:50	10.34	46.34	29.93	9.72	8.09	3.6	1.935	105.1
864	2/3/2013 10:15:50	10.38	46.36	29.95	9.80	8.10	3.5	1.858	106.0
865	2/3/2013 10:30:50	10.43	46.21	29.84	9.84	8.11	3.2	1.791	106.4
866	2/3/2013 10:45:50	10.47	46.21	29.85	9.90	8.11	3.4	1.751	107.3
867	2/3/2013 11:00:50	10.48	46.11	29.77	9.89	8.12	3.1	1.707	107.1
868	2/3/2013 11:15:50	10.53	46.07	29.74	9.91	8.13	2.9	1.640	107.4
869	2/3/2013 11:30:50	10.52	46.07	29.74	9.83	8.12	2.9	1.645	106.6
870	2/3/2013 11:45:50	10.51	46.17	29.82	9.74	8.11	2.7	1.699	105.6
871	2/3/2013 12:00:50	10.49	46.11	29.77	9.67	8.11	2.9	1.729	104.8
872	2/3/2013 12:15:51	10.47	46.26	29.88	9.59	8.10	2.9	1.745	103.9
873	2/3/2013 12:30:51	10.44	46.30	29.91	9.52	8.09	3.0	1.783	103.1
874	2/3/2013 12:45:51	10.42	46.23	29.86	9.40	8.08	3.5	1.850	101.7
875	2/3/2013 13:00:50	10.51	45.80	29.55	9.40	8.08	3.6	1.895	101.7
876	2/3/2013 13:15:50	10.49	45.68	29.46	9.36	8.08	3.6	1.942	101.1
877	2/3/2013 13:30:50	10.43	45.74	29.51	9.27	8.07	3.5	2.020	100.2
878	2/3/2013 13:45:50	10.40	45.95	29.65	9.20	8.06	3.4	2.031	99.4
879	2/3/2013 14:00:50	10.39	46.07	29.74	9.17	8.06	3.5	2.126	99.0
880	2/3/2013 14:15:50	10.34	45.99	29.68	9.09	8.05	3.0	2.187	98.1
881	2/3/2013 14:30:50	10.33	46.27	29.88	9.00	8.04	3.3	2.224	97.3
882	2/3/2013 14:45:50	10.30	46.52	30.06	8.98	8.03	3.3	2.298	97.0
883	2/3/2013 15:00:50	10.28	46.75	30.22	8.86	8.02	3.4	2.369	95.8
884	2/3/2013 15:15:50	10.24	47.05	30.43	8.74	8.00	3.7	2.427	94.6
885	2/3/2013 15:30:50	10.19	47.26	30.58	8.65	7.99	3.6	2.465	93.5
886	2/3/2013 15:45:50	10.22	47.24	30.57	8.69	7.99	3.7	2.515	94.0
887	2/3/2013 16:00:50	10.16	47.36	30.65	8.63	7.98	3.8	2.580	93.3
888	2/3/2013 16:15:51	10.17	47.52	30.77	8.67	7.98	3.5	2.644	93.9
889	2/3/2013 16:30:50	10.16	47.58	30.81	8.66	7.98	3.5	2.657	93.7
890	2/3/2013 16:45:51	10.10	47.69	30.88	8.58	7.97	3.7	2.730	92.8
891	2/3/2013 17:00:51	10.08	47.70	30.89	8.56	7.97	3.5	2.763	92.5
892	2/3/2013 17:15:50	10.07	47.77	30.94	8.53	7.96	3.5	2.802	92.3
893	2/3/2013 17:30:50	10.05	47.86	31.00	8.50	7.96	3.2	2.831	91.9
894	2/3/2013 17:45:51	10.05	47.85	30.99	8.45	7.96	3.5	2.850	91.4
895	2/3/2013 18:00:50	10.08	47.79	30.95	8.52	7.96	3.4	2.847	92.2
896	2/3/2013 18:15:51	10.07	47.93	31.06	8.48	7.96	3.3	2.824	91.8
897	2/3/2013 18:30:51	10.06	47.81	30.97	8.49	7.96	3.4	2.820	91.8
898	2/3/2013 18:45:50	10.07	47.79	30.96	8.54	7.96	3.7	2.790	92.4
899	2/3/2013 19:00:51	10.09	47.85	30.99	8.55	7.97	3.7	2.759	92.6
900	2/3/2013 19:15:51	10.22	47.39	30.68	8.76	8.00	4.6	2.705	94.8

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
901	2/3/2013 19:30:50	10.22	47.23	30.56	8.80	8.00	4.6	2.647	95.3
902	2/3/2013 19:45:50	10.21	47.17	30.52	8.77	8.00	5.4	2.598	94.9
903	2/3/2013 20:00:51	10.21	47.25	30.58	8.75	8.00	5.9	2.539	94.7
904	2/3/2013 20:15:50	10.22	47.06	30.44	8.91	8.01	5.9	2.496	96.4
905	2/3/2013 20:30:51	10.26	46.83	30.28	8.97	8.02	5.1	2.421	97.0
906	2/3/2013 20:45:50	10.26	46.55	30.08	8.91	8.04	6.5	2.331	96.2
907	2/3/2013 21:00:50	10.24	46.44	30.00	8.94	8.02	5.3	2.309	96.4
908	2/3/2013 21:15:50	10.24	46.44	30.00	8.93	8.03	6.2	2.281	96.4
909	2/3/2013 21:30:50	10.24	46.44	30.00	8.91	8.03	6.3	2.214	96.1
910	2/3/2013 21:45:50	10.24	46.45	30.00	8.88	8.03	6.2	2.181	95.8
911	2/3/2013 22:00:50	10.28	46.30	29.90	8.97	8.04	5.5	2.169	96.8
912	2/3/2013 22:15:50	10.26	46.46	30.01	8.82	8.03	4.4	2.143	95.2
913	2/3/2013 22:30:50	10.26	46.55	30.07	8.74	8.02	3.7	2.120	94.4
914	2/3/2013 22:45:50	10.25	46.55	30.07	8.83	8.02	4.5	2.136	95.3
915	2/3/2013 23:00:50	10.23	46.46	30.01	8.84	8.03	4.3	2.157	95.4
916	2/3/2013 23:15:50	10.28	46.20	29.83	9.04	8.05	4.3	2.175	97.5
917	2/3/2013 23:30:50	10.26	46.48	30.03	8.90	8.03	4.4	2.194	96.1
918	2/3/2013 23:45:50	10.26	46.63	30.13	8.85	8.02	4.3	2.252	95.6
919	2/4/2013 0:00:50	10.26	46.71	30.19	8.84	8.02	4.5	2.298	95.5
920	2/4/2013 0:15:50	10.22	46.29	29.89	9.03	8.05	4.8	2.341	97.3
921	2/4/2013 0:30:50	10.26	46.71	30.19	8.83	8.02	4.2	2.413	95.4
922	2/4/2013 0:45:50	10.26	46.85	30.29	8.78	8.01	3.9	2.431	95.0
923	2/4/2013 1:00:50	10.23	46.99	30.39	8.76	8.00	4.0	2.513	94.7
924	2/4/2013 1:15:50	10.18	47.23	30.56	8.69	7.99	4.2	2.571	94.0
925	2/4/2013 1:30:51	10.15	47.44	30.70	8.65	7.98	4.0	2.624	93.6
926	2/4/2013 1:45:50	10.14	47.38	30.66	8.68	7.99	4.0	2.690	93.8
927	2/4/2013 2:00:51	10.08	47.59	30.81	8.63	7.97	3.9	2.758	93.3
928	2/4/2013 2:15:50	10.00	47.74	30.91	8.66	7.97	4.3	2.822	93.4
929	2/4/2013 2:30:51	9.98	48.07	31.15	8.64	7.96	4.0	2.891	93.3
930	2/4/2013 2:45:51	9.92	48.28	31.30	8.61	7.95	4.0	2.972	93.0
931	2/4/2013 3:00:51	9.84	48.92	31.75	8.58	7.92	5.1	3.052	92.8
932	2/4/2013 3:15:51	9.83	48.84	31.69	8.61	7.92	5.5	3.124	93.0
933	2/4/2013 3:30:50	9.78	49.04	31.83	8.64	7.92	7.1	3.201	93.4
934	2/4/2013 3:45:50	9.73	49.22	31.96	8.70	7.91	7.4	3.268	94.0
935	2/4/2013 4:00:51	9.70	49.42	32.10	8.72	7.91	7.2	3.340	94.2
936	2/4/2013 4:15:51	9.67	49.54	32.19	8.74	7.91	7.1	3.434	94.5
937	2/4/2013 4:30:51	9.64	49.66	32.27	8.77	7.91	7.5	3.479	94.8
938	2/4/2013 4:45:50	9.61	49.73	32.32	8.81	7.91	7.0	3.554	95.1
939	2/4/2013 5:00:51	9.58	49.97	32.49	8.83	7.91	6.2	3.591	95.4
940	2/4/2013 5:15:50	9.56	50.02	32.52	8.82	7.91	5.1	3.642	95.3
941	2/4/2013 5:30:51	9.54	50.17	32.63	8.82	7.91	5.2	3.654	95.2
942	2/4/2013 5:45:51	9.57	49.92	32.45	8.81	7.91	5.0	3.648	95.1
943	2/4/2013 6:00:51	9.53	50.18	32.64	8.85	7.90	5.8	3.653	95.6
944	2/4/2013 6:15:50	9.53	50.12	32.59	8.88	7.91	6.4	3.618	95.9
945	2/4/2013 6:30:51	9.59	49.89	32.43	8.78	7.91	6.3	3.567	94.9
946	2/4/2013 6:45:50	9.71	49.18	31.93	8.63	7.91	4.8	3.513	93.2
947	2/4/2013 7:00:50	9.70	49.03	31.82	8.69	7.92	5.1	3.439	93.8
948	2/4/2013 7:15:51	9.73	48.99	31.79	8.68	7.93	4.5	3.356	93.7
949	2/4/2013 7:30:51	9.79	48.71	31.60	8.65	7.93	5.2	3.267	93.3
950	2/4/2013 7:45:51	9.82	48.50	31.45	8.63	7.94	4.2	3.183	93.1
951	2/4/2013 8:00:51	9.83	48.36	31.35	8.60	7.94	4.0	3.093	92.8
952	2/4/2013 8:15:51	9.83	48.51	31.45	8.60	7.93	4.3	2.983	92.8
953	2/4/2013 8:30:50	9.87	48.13	31.18	8.59	7.94	4.5	2.894	92.6

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
954	2/4/2013 8:45:51	9.88	48.29	31.30	8.62	7.94	4.0	2.807	93.0
955	2/4/2013 9:00:50	9.90	48.00	31.09	8.70	7.95	4.0	2.688	93.8
956	2/4/2013 9:15:50	9.97	47.74	30.91	8.78	7.98	4.8	2.590	94.7
957	2/4/2013 9:30:50	9.99	47.54	30.77	8.95	8.00	3.9	2.498	96.5
958	2/4/2013 9:45:50	10.04	47.33	30.62	9.06	8.02	3.7	2.384	97.7
959	2/4/2013 10:00:51	10.08	47.15	30.49	9.18	8.03	3.9	2.266	99.0
960	2/4/2013 10:15:50	10.13	47.08	30.45	9.28	8.05	3.8	2.172	100.2
961	2/4/2013 10:30:50	10.20	46.78	30.23	9.44	8.08	3.9	2.050	101.9
962	2/4/2013 10:45:50	10.23	46.69	30.18	9.44	8.07	3.9	1.946	102.0
963	2/4/2013 11:00:50	10.28	46.58	30.09	9.45	8.08	3.9	1.863	102.0
964	2/4/2013 11:15:50	10.32	46.63	30.14	9.59	8.10	3.8	1.758	103.7
965	2/4/2013 11:30:50	10.36	46.45	30.01	9.54	8.10	4.0	1.669	103.2
966	2/4/2013 11:45:50	10.39	46.27	29.88	9.48	8.11	3.5	1.607	102.5
967	2/4/2013 12:00:50	10.41	46.18	29.82	9.47	8.12	3.5	1.545	102.4
968	2/4/2013 12:15:50	10.42	46.12	29.77	9.40	8.13	3.4	1.512	101.7
969	2/4/2013 12:30:50	10.44	46.11	29.77	9.38	8.13	3.1	1.485	101.4
970	2/4/2013 12:45:50	10.44	46.15	29.80	9.39	8.12	3.2	1.495	101.6
971	2/4/2013 13:00:50	10.42	46.21	29.84	9.34	8.11	2.9	1.526	101.0
972	2/4/2013 13:15:50	10.40	46.26	29.88	9.20	8.10	2.9	1.532	99.5
973	2/4/2013 13:30:50	10.40	46.27	29.88	9.14	8.09	2.9	1.585	98.9
974	2/4/2013 13:45:50	10.43	46.26	29.88	9.18	8.09	2.9	1.643	99.3
975	2/4/2013 14:00:50	10.44	46.24	29.86	9.13	8.09	2.9	1.686	98.9
976	2/4/2013 14:15:51	10.41	45.99	29.68	9.09	8.08	3.4	1.748	98.3
977	2/4/2013 14:30:50	10.38	45.70	29.47	9.02	8.08	3.8	1.816	97.3
978	2/4/2013 14:45:50	10.35	45.90	29.62	8.97	8.07	3.4	1.867	96.8
979	2/4/2013 15:00:50	10.35	45.98	29.67	8.95	8.06	3.2	1.933	96.6
980	2/4/2013 15:15:50	10.31	46.21	29.83	8.88	8.06	3.3	2.002	95.9
981	2/4/2013 15:30:50	10.29	46.21	29.83	8.84	8.05	3.2	2.063	95.3
982	2/4/2013 15:45:50	10.25	46.29	29.89	8.78	8.04	3.7	2.115	94.6
983	2/4/2013 16:00:50	10.23	46.55	30.08	8.75	8.03	3.6	2.187	94.4
984	2/4/2013 16:15:51	10.18	46.98	30.38	8.65	8.01	3.3	2.256	93.4
985	2/4/2013 16:30:50	10.12	47.27	30.58	8.55	7.98	3.5	2.323	92.3
986	2/4/2013 16:45:50	10.10	47.41	30.68	8.56	7.98	3.7	2.394	92.4
987	2/4/2013 17:00:51	10.10	47.58	30.80	8.57	7.98	3.7	2.456	92.6
988	2/4/2013 17:15:51	10.10	47.53	30.77	8.58	7.98	3.4	2.516	92.7
989	2/4/2013 17:30:50	10.07	47.66	30.86	8.58	7.98	3.4	2.573	92.7
990	2/4/2013 17:45:51	10.06	47.69	30.88	8.58	7.97	3.5	2.629	92.7
991	2/4/2013 18:00:50	10.05	47.81	30.97	8.57	7.97	3.4	2.676	92.6
992	2/4/2013 18:15:51	10.05	47.80	30.96	8.56	7.97	3.4	2.717	92.6
993	2/4/2013 18:30:51	10.02	47.90	31.03	8.53	7.96	3.8	2.753	92.2
994	2/4/2013 18:45:50	10.01	47.88	31.01	8.50	7.96	3.8	2.784	91.9
995	2/4/2013 19:00:51	9.99	47.98	31.08	8.46	7.95	3.5	2.809	91.4
996	2/4/2013 19:15:51	10.04	47.83	30.98	8.50	7.96	3.4	2.824	91.9
997	2/4/2013 19:30:51	10.00	47.97	31.08	8.43	7.95	3.2	2.835	91.1
998	2/4/2013 19:45:50	9.97	47.96	31.06	8.43	7.94	3.5	2.821	91.0
999	2/4/2013 20:00:50	9.96	48.10	31.17	8.47	7.95	3.7	2.795	91.5
1000	2/4/2013 20:15:50	9.99	47.84	30.98	8.48	7.95	3.8	2.779	91.5
1001	2/4/2013 20:30:50	10.03	47.47	30.72	8.49	7.97	3.7	2.738	91.6
1002	2/4/2013 20:45:50	10.06	47.61	30.82	8.54	7.97	3.5	2.696	92.3
1003	2/4/2013 21:00:51	10.08	47.64	30.85	8.58	7.97	3.8	2.648	92.7
1004	2/4/2013 21:15:50	10.13	47.36	30.65	8.64	7.99	3.6	2.599	93.4
1005	2/4/2013 21:30:50	10.14	47.35	30.64	8.68	8.00	3.7	2.548	93.8
1006	2/4/2013 21:45:51	10.18	47.22	30.55	8.83	8.03	3.8	2.498	95.5

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1007	2/4/2013 22:00:51	10.17	47.09	30.46	8.86	8.03	3.5	2.445	95.7
1008	2/4/2013 22:15:50	10.15	46.85	30.28	8.78	8.02	3.5	2.393	94.7
1009	2/4/2013 22:30:51	10.14	46.84	30.27	8.72	8.01	3.4	2.338	94.0
1010	2/4/2013 22:45:50	10.14	46.73	30.20	8.72	8.02	3.4	2.320	94.0
1011	2/4/2013 23:00:50	10.14	46.69	30.17	8.71	8.03	3.3	2.282	93.9
1012	2/4/2013 23:15:50	10.14	46.71	30.18	8.63	8.01	3.2	2.249	93.0
1013	2/4/2013 23:30:51	10.15	46.71	30.18	8.59	8.02	3.0	2.239	92.6
1014	2/4/2013 23:45:50	10.13	47.07	30.44	8.51	7.99	3.0	2.246	91.8
1015	2/5/2013 0:00:50	10.10	46.81	30.25	8.58	8.01	3.4	2.235	92.4
1016	2/5/2013 0:15:50	10.11	46.42	29.97	8.70	8.02	2.9	2.252	93.5
1017	2/5/2013 0:30:50	10.10	46.69	30.17	8.70	8.02	3.0	2.278	93.7
1018	2/5/2013 0:45:50	10.13	46.94	30.35	8.65	8.00	3.2	2.300	93.3
1019	2/5/2013 1:00:50	10.14	47.12	30.47	8.64	8.00	3.5	2.342	93.3
1020	2/5/2013 1:15:50	10.11	47.04	30.42	8.64	8.00	3.6	2.386	93.2
1021	2/5/2013 1:30:51	10.10	47.14	30.49	8.62	8.00	3.3	2.437	93.0
1022	2/5/2013 1:45:51	10.04	46.92	30.33	8.61	7.99	3.5	2.484	92.7
1023	2/5/2013 2:00:50	10.04	47.20	30.53	8.61	7.99	4.2	2.547	92.7
1024	2/5/2013 2:15:50	10.00	47.26	30.57	8.61	7.98	3.7	2.596	92.8
1025	2/5/2013 2:30:50	9.98	47.40	30.67	8.62	7.98	4.1	2.661	92.8
1026	2/5/2013 2:45:50	9.96	47.84	30.98	8.54	7.96	3.8	2.727	92.1
1027	2/5/2013 3:00:50	9.92	47.85	30.98	8.56	7.95	3.7	2.785	92.3
1028	2/5/2013 3:15:50	9.88	48.27	31.28	8.55	7.94	3.7	2.860	92.3
1029	2/5/2013 3:30:51	9.85	48.75	31.63	8.52	7.93	4.6	2.921	92.1
1030	2/5/2013 3:45:51	9.84	48.83	31.68	8.54	7.93	4.4	3.005	92.3
1031	2/5/2013 4:00:51	9.81	48.96	31.78	8.53	7.92	5.1	3.086	92.2
1032	2/5/2013 4:15:50	9.77	49.05	31.84	8.54	7.92	6.0	3.156	92.3
1033	2/5/2013 4:30:51	9.74	49.15	31.91	8.54	7.92	5.6	3.242	92.3
1034	2/5/2013 4:45:50	9.71	49.27	31.99	8.55	7.92	6.0	3.311	92.3
1035	2/5/2013 5:00:50	9.65	49.41	32.09	8.55	7.92	6.4	3.394	92.3
1036	2/5/2013 5:15:51	9.56	49.69	32.29	8.56	7.91	6.7	3.456	92.3
1037	2/5/2013 5:30:50	9.53	49.77	32.35	8.55	7.91	6.9	3.527	92.2
1038	2/5/2013 5:45:51	9.51	49.92	32.45	8.54	7.91	6.1	3.578	92.1
1039	2/5/2013 6:00:51	9.48	50.02	32.52	8.52	7.91	5.6	3.626	91.8
1040	2/5/2013 6:15:51	9.44	50.12	32.59	8.49	7.90	5.0	3.672	91.5
1041	2/5/2013 6:30:51	9.44	50.13	32.59	8.43	7.90	4.1	3.671	90.9
1042	2/5/2013 6:45:51	9.43	50.18	32.63	8.39	7.90	4.5	3.706	90.4
1043	2/5/2013 7:00:51	9.44	50.11	32.58	8.42	7.90	4.8	3.704	90.7
1044	2/5/2013 7:15:51	9.42	50.19	32.64	8.41	7.90	5.4	3.679	90.6
1045	2/5/2013 7:30:51	9.48	49.96	32.48	8.44	7.90	4.8	3.642	91.0
1046	2/5/2013 7:45:51	9.68	49.00	31.80	8.46	7.92	4.0	3.601	91.1
1047	2/5/2013 8:00:51	9.68	48.93	31.74	8.49	7.92	4.6	3.523	91.4
1048	2/5/2013 8:15:51	9.69	48.93	31.75	8.48	7.92	4.2	3.439	91.4
1049	2/5/2013 8:30:51	9.66	49.19	31.93	8.47	7.92	5.3	3.352	91.3
1050	2/5/2013 8:45:51	9.73	48.68	31.57	8.51	7.93	4.3	3.263	91.8
1051	2/5/2013 9:00:51	9.78	48.30	31.30	8.53	7.94	4.3	3.168	91.9
1052	2/5/2013 9:15:51	9.77	48.30	31.30	8.59	7.94	3.6	3.056	92.5
1053	2/5/2013 9:30:50	9.81	48.20	31.23	8.62	7.95	3.8	2.955	92.9
1054	2/5/2013 9:45:51	9.81	48.14	31.19	8.71	7.96	3.2	2.858	93.8
1055	2/5/2013 10:00:51	9.88	47.90	31.02	8.72	7.98	4.2	2.741	93.9
1056	2/5/2013 10:15:51	9.88	48.17	31.21	8.78	7.97	3.8	2.625	94.7
1057	2/5/2013 10:30:51	9.92	47.85	30.99	8.90	8.00	3.6	2.531	96.0
1058	2/5/2013 10:45:50	9.98	47.28	30.58	8.96	8.01	3.7	2.418	96.4
1059	2/5/2013 11:00:50	10.04	47.17	30.51	9.23	8.04	3.6	2.289	99.4

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1060	2/5/2013 11:15:50	10.09	47.07	30.44	9.20	8.05	4.2	2.173	99.2
1061	2/5/2013 11:30:51	10.18	47.23	30.56	9.26	8.05	4.2	2.038	100.1
1062	2/5/2013 11:45:51	10.31	47.34	30.65	9.43	8.07	4.1	1.906	102.3
1063	2/5/2013 12:00:50	10.37	47.10	30.47	9.47	8.08	4.0	1.799	102.8
1064	2/5/2013 12:15:50	10.48	46.98	30.40	9.52	8.09	4.4	1.677	103.5
1065	2/5/2013 12:30:50	10.47	46.72	30.21	9.44	8.10	5.4	1.559	102.5
1066	2/5/2013 12:45:50	10.54	46.59	30.12	9.42	8.11	7.0	1.478	102.3
1067	2/5/2013 13:00:50	10.55	46.44	30.01	9.43	8.12	6.5	1.412	102.4
1068	2/5/2013 13:15:51	10.56	46.42	30.00	9.43	8.13	6.8	1.352	102.5
1069	2/5/2013 13:30:50	10.62	46.40	29.99	9.39	8.13	7.0	1.294	102.2
1070	2/5/2013 13:45:50	10.73	46.50	30.06	9.35	8.13	7.3	1.314	102.0
1071	2/5/2013 14:00:50	10.60	46.42	30.00	9.30	8.12	5.3	1.330	101.1
1072	2/5/2013 14:15:50	10.56	46.43	30.00	9.25	8.12	4.9	1.341	100.5
1073	2/5/2013 14:30:50	10.58	46.41	29.99	9.21	8.11	4.4	1.379	100.1
1074	2/5/2013 14:45:50	10.58	46.50	30.06	9.18	8.11	4.0	1.450	99.8
1075	2/5/2013 15:00:50	10.67	45.84	29.59	9.09	8.09	6.3	1.513	98.7
1076	2/5/2013 15:15:50	10.66	45.48	29.33	9.06	8.09	5.2	1.563	98.2
1077	2/5/2013 15:30:50	10.51	45.73	29.50	9.02	8.09	4.9	1.634	97.6
1078	2/5/2013 15:45:51	10.44	45.83	29.57	8.98	8.08	5.0	1.694	97.0
1079	2/5/2013 16:00:51	10.50	45.88	29.61	8.94	8.07	5.7	1.784	96.7
1080	2/5/2013 16:15:50	10.42	46.35	29.94	8.88	8.06	5.0	1.845	96.2
1081	2/5/2013 16:30:50	10.38	46.50	30.05	8.86	8.05	4.6	1.911	95.9
1082	2/5/2013 16:45:50	10.31	46.50	30.04	8.80	8.04	3.7	2.001	95.1
1083	2/5/2013 17:00:50	10.26	46.74	30.21	8.72	8.03	3.7	2.081	94.2
1084	2/5/2013 17:15:51	10.20	47.19	30.53	8.56	8.00	4.2	2.160	92.6
1085	2/5/2013 17:30:50	10.18	47.30	30.61	8.54	7.99	3.8	2.239	92.4
1086	2/5/2013 17:45:51	10.15	47.50	30.75	8.51	7.98	3.8	2.305	92.1
1087	2/5/2013 18:00:50	10.14	47.45	30.71	8.52	7.98	4.3	2.397	92.1
1088	2/5/2013 18:15:51	10.14	47.59	30.82	8.51	7.98	4.4	2.465	92.1
1089	2/5/2013 18:30:51	10.10	47.58	30.80	8.50	7.97	4.5	2.522	91.9
1090	2/5/2013 18:45:51	10.09	47.75	30.93	8.50	7.97	4.1	2.591	91.9
1091	2/5/2013 19:00:51	10.11	47.64	30.85	8.50	7.97	4.5	2.658	92.0
1092	2/5/2013 19:15:51	10.06	47.71	30.89	8.49	7.96	4.9	2.707	91.7
1093	2/5/2013 19:30:50	10.01	47.85	30.99	8.46	7.96	4.3	2.751	91.4
1094	2/5/2013 19:45:51	10.02	47.96	31.07	8.45	7.95	4.3	2.802	91.3
1095	2/5/2013 20:00:51	10.03	48.08	31.16	8.45	7.95	4.5	2.847	91.4
1096	2/5/2013 20:15:50	10.02	48.02	31.11	8.47	7.95	4.0	2.891	91.6
1097	2/5/2013 20:30:50	10.01	48.11	31.18	8.42	7.95	3.7	2.901	91.1
1098	2/5/2013 20:45:51	10.03	47.95	31.07	8.46	7.96	4.0	2.902	91.5
1099	2/5/2013 21:00:51	10.02	48.11	31.18	8.39	7.94	3.6	2.922	90.7
1100	2/5/2013 21:15:50	10.01	48.07	31.15	8.41	7.94	3.6	2.903	91.0
1101	2/5/2013 21:30:51	9.99	48.01	31.11	8.42	7.95	4.1	2.859	91.0
1102	2/5/2013 21:45:51	9.93	47.63	30.83	8.37	7.96	4.4	2.816	90.1
1103	2/5/2013 22:00:51	9.95	47.56	30.78	8.41	7.97	3.8	2.790	90.6
1104	2/5/2013 22:15:51	10.02	47.88	31.02	8.42	7.96	3.9	2.733	91.0
1105	2/5/2013 22:30:50	10.01	47.52	30.76	8.41	7.97	4.1	2.665	90.7
1106	2/5/2013 22:45:50	9.99	47.60	30.81	8.43	7.97	4.6	2.614	90.9
1107	2/5/2013 23:00:51	10.04	47.66	30.86	8.46	7.97	4.1	2.571	91.3
1108	2/5/2013 23:15:51	9.93	47.63	30.83	8.42	7.97	4.0	2.505	90.7
1109	2/5/2013 23:30:51	9.88	47.59	30.79	8.36	7.97	4.0	2.440	90.0
1110	2/5/2013 23:45:51	9.98	47.40	30.67	8.45	7.99	3.7	2.410	91.0
1111	2/6/2013 0:00:50	9.97	47.17	30.50	8.47	7.99	3.4	2.363	91.2
1112	2/6/2013 0:15:50	9.98	47.07	30.43	8.45	8.00	3.5	2.315	90.8

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1113	2/6/2013 0:30:51	9.98	47.10	30.45	8.44	8.00	3.5	2.301	90.8
1114	2/6/2013 0:45:50	10.00	46.93	30.33	8.43	8.00	3.1	2.269	90.7
1115	2/6/2013 1:00:50	10.01	46.94	30.34	8.29	7.99	2.8	2.262	89.2
1116	2/6/2013 1:15:50	10.01	47.22	30.54	8.36	7.99	3.1	2.259	90.1
1117	2/6/2013 1:30:50	9.99	47.17	30.50	8.41	7.98	3.4	2.271	90.5
1118	2/6/2013 1:45:51	9.99	47.23	30.54	8.41	7.99	3.4	2.265	90.5
1119	2/6/2013 2:00:50	10.00	47.18	30.51	8.44	7.99	3.7	2.347	90.8
1120	2/6/2013 2:15:50	10.00	47.20	30.53	8.43	7.98	4.5	2.390	90.8
1121	2/6/2013 2:30:50	9.97	47.26	30.57	8.47	7.98	4.2	2.392	91.2
1122	2/6/2013 2:45:51	9.94	47.24	30.55	8.48	7.98	3.7	2.468	91.2
1123	2/6/2013 3:00:50	9.98	47.29	30.59	8.46	7.98	3.7	2.538	91.1
1124	2/6/2013 3:15:51	10.01	47.56	30.78	8.43	7.97	3.6	2.588	90.9
1125	2/6/2013 3:30:50	9.96	47.61	30.82	8.42	7.96	4.1	2.657	90.8
1126	2/6/2013 3:45:50	9.90	47.85	30.99	8.42	7.96	3.7	2.678	90.8
1127	2/6/2013 4:00:51	9.90	48.10	31.16	8.42	7.95	3.9	2.774	90.8
1128	2/6/2013 4:15:51	9.91	48.38	31.36	8.43	7.94	4.6	2.869	91.1
1129	2/6/2013 4:30:51	9.88	48.58	31.51	8.45	7.94	4.8	2.904	91.3
1130	2/6/2013 4:45:51	9.86	48.73	31.62	8.45	7.93	4.6	2.999	91.4
1131	2/6/2013 5:00:51	9.83	48.81	31.67	8.46	7.93	5.1	3.069	91.5
1132	2/6/2013 5:15:50	9.80	48.79	31.66	8.46	7.93	6.0	3.138	91.4
1133	2/6/2013 5:30:51	9.71	49.14	31.90	8.45	7.92	6.3	3.230	91.3
1134	2/6/2013 5:45:51	9.66	49.33	32.03	8.45	7.92	8.2	3.313	91.2
1135	2/6/2013 6:00:50	9.61	49.38	32.06	8.44	7.92	7.3	3.382	91.0
1136	2/6/2013 6:15:51	9.52	49.56	32.19	8.44	7.91	6.5	3.482	90.8
1137	2/6/2013 6:30:50	9.45	49.65	32.25	8.42	7.91	6.8	3.536	90.6
1138	2/6/2013 6:45:51	9.37	49.88	32.41	8.38	7.90	6.0	3.602	90.1
1139	2/6/2013 7:00:51	9.34	49.99	32.49	8.39	7.90	6.8	3.646	90.1
1140	2/6/2013 7:15:51	9.28	50.21	32.64	8.43	7.90	5.8	3.701	90.5
1141	2/6/2013 7:30:51	9.26	50.12	32.58	8.41	7.90	5.1	3.724	90.2
1142	2/6/2013 7:45:50	9.23	50.21	32.63	8.45	7.90	5.6	3.751	90.7
1143	2/6/2013 8:00:50	9.24	50.16	32.60	8.45	7.90	5.9	3.788	90.6
1144	2/6/2013 8:15:50	9.23	50.17	32.61	8.43	7.89	5.5	3.764	90.4
1145	2/6/2013 8:30:50	9.22	50.23	32.65	8.46	7.89	5.8	3.725	90.7
1146	2/6/2013 8:45:50	9.35	49.61	32.21	8.41	7.90	5.3	3.709	90.3
1147	2/6/2013 9:00:50	9.43	49.38	32.05	8.48	7.92	3.8	3.614	91.0
1148	2/6/2013 9:15:51	9.44	49.32	32.01	8.51	7.92	4.6	3.533	91.4
1149	2/6/2013 9:30:51	9.50	49.26	31.97	8.54	7.93	4.0	3.451	91.7
1150	2/6/2013 9:45:50	9.59	49.00	31.79	8.59	7.93	3.8	3.359	92.4
1151	2/6/2013 10:00:51	9.68	48.97	31.77	8.63	7.94	3.5	3.257	93.0
1152	2/6/2013 10:15:51	9.76	48.86	31.70	8.70	7.95	3.7	3.168	93.9
1153	2/6/2013 10:30:51	9.81	48.46	31.42	8.78	7.97	3.7	3.009	94.7
1154	2/6/2013 10:45:51	9.87	48.14	31.19	8.86	7.99	3.4	2.925	95.5
1155	2/6/2013 11:00:51	9.93	47.97	31.07	8.93	8.00	4.0	2.761	96.4
1156	2/6/2013 11:15:50	9.99	47.86	31.00	8.97	8.00	4.2	2.664	96.8
1157	2/6/2013 11:30:50	10.05	47.67	30.86	9.05	8.02	4.9	2.527	97.8
1158	2/6/2013 11:45:51	10.12	47.56	30.79	9.12	8.03	4.6	2.425	98.6
1159	2/6/2013 12:00:50	10.18	47.44	30.71	9.26	8.04	4.5	2.246	100.2
1160	2/6/2013 12:15:50	10.28	47.47	30.73	9.23	8.05	5.0	2.152	100.2
1161	2/6/2013 12:30:50	10.35	47.51	30.77	9.51	8.06	4.9	2.003	103.3
1162	2/6/2013 12:45:50	10.51	47.41	30.70	9.57	8.08	4.6	1.857	104.3
1163	2/6/2013 13:00:50	10.56	47.26	30.60	9.51	8.10	5.9	1.732	103.8
1164	2/6/2013 13:15:50	10.53	47.09	30.48	9.50	8.11	5.7	1.596	103.5
1165	2/6/2013 13:30:50	10.52	47.02	30.42	9.47	8.11	5.0	1.456	103.1

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1166	2/6/2013 13:45:50	10.56	46.94	30.37	9.53	8.12	6.0	1.345	103.7
1167	2/6/2013 14:00:51	10.62	46.85	30.31	9.53	8.13	8.0	1.252	103.9
1168	2/6/2013 14:15:51	10.67	46.63	30.16	9.56	8.14	8.4	1.229	104.2
1169	2/6/2013 14:30:50	10.74	46.66	30.18	9.52	8.14	11.4	1.197	103.9
1170	2/6/2013 14:45:50	10.73	46.69	30.20	9.44	8.14	9.2	1.147	103.0
1171	2/6/2013 15:00:50	10.68	46.74	30.24	9.40	8.14	7.4	1.188	102.5
1172	2/6/2013 15:15:51	10.64	46.76	30.24	9.34	8.13	8.3	1.219	101.8
1173	2/6/2013 15:30:50	10.62	46.64	30.16	9.30	8.13	7.9	1.274	101.3
1174	2/6/2013 15:45:51	10.59	46.78	30.26	9.27	8.13	7.0	1.373	100.9
1175	2/6/2013 16:00:50	10.62	45.48	29.33	9.11	8.12	9.3	1.426	98.7
1176	2/6/2013 16:15:51	10.63	45.28	29.19	9.05	8.12	7.6	1.485	97.9
1177	2/6/2013 16:30:51	10.61	45.41	29.28	9.02	8.11	7.1	1.554	97.7
1178	2/6/2013 16:45:50	10.54	46.12	29.78	9.04	8.10	5.4	1.650	98.0
1179	2/6/2013 17:00:50	10.52	46.12	29.78	8.96	8.09	6.3	1.682	97.1
1180	2/6/2013 17:15:50	10.48	46.28	29.89	8.94	8.09	5.8	1.760	96.9
1181	2/6/2013 17:30:50	10.46	46.49	30.05	8.94	8.09	4.9	1.861	96.9
1182	2/6/2013 17:45:50	10.38	46.74	30.21	8.81	8.07	4.3	1.947	95.5
1183	2/6/2013 18:00:50	10.34	46.88	30.31	8.77	8.06	4.7	2.036	95.0
1184	2/6/2013 18:15:50	10.24	47.28	30.59	8.58	8.02	4.9	2.144	92.9
1185	2/6/2013 18:30:50	10.21	47.33	30.63	8.52	8.01	5.2	2.206	92.3
1186	2/6/2013 18:45:51	10.19	47.49	30.74	8.52	8.00	5.4	2.313	92.2
1187	2/6/2013 19:00:50	10.14	47.56	30.79	8.50	8.00	6.2	2.392	92.0
1188	2/6/2013 19:15:50	10.10	47.59	30.81	8.46	7.99	6.7	2.485	91.5
1189	2/6/2013 19:30:51	10.06	47.89	31.02	8.43	7.98	5.8	2.581	91.2
1190	2/6/2013 19:45:51	10.03	47.88	31.01	8.42	7.97	6.2	2.652	91.0
1191	2/6/2013 20:00:50	9.99	47.93	31.05	8.41	7.97	6.2	2.719	90.8
1192	2/6/2013 20:15:51	9.96	48.16	31.21	8.40	7.96	6.0	2.792	90.7
1193	2/6/2013 20:30:51	9.92	48.31	31.32	8.40	7.95	6.2	2.861	90.7
1194	2/6/2013 20:45:51	9.88	48.49	31.44	8.40	7.95	5.6	2.924	90.8
1195	2/6/2013 21:00:51	9.83	48.62	31.53	8.43	7.94	5.9	2.951	91.0
1196	2/6/2013 21:15:51	9.77	48.90	31.73	8.54	7.94	5.9	3.002	92.2
1197	2/6/2013 21:30:51	9.74	49.09	31.86	8.59	7.94	5.2	3.063	92.8
1198	2/6/2013 21:45:51	9.71	49.21	31.95	8.62	7.94	5.1	3.070	93.1
1199	2/6/2013 22:00:51	9.76	48.95	31.77	8.54	7.94	5.0	3.076	92.2
1200	2/6/2013 22:15:50	9.72	49.01	31.81	8.60	7.93	4.9	3.081	92.7
1201	2/6/2013 22:30:51	9.72	49.23	31.97	8.63	7.93	5.3	3.074	93.2
1202	2/6/2013 22:45:51	9.80	48.48	31.43	8.47	7.94	4.9	2.983	91.3
1203	2/6/2013 23:00:51	9.83	48.31	31.31	8.42	7.95	4.5	2.959	90.7
1204	2/6/2013 23:15:51	9.85	48.22	31.25	8.42	7.95	4.6	2.903	90.8
1205	2/6/2013 23:30:51	9.86	48.37	31.36	8.43	7.95	6.0	2.817	90.9
1206	2/6/2013 23:45:51	9.92	48.11	31.17	8.43	7.96	6.3	2.754	91.0
1207	2/7/2013 0:00:51	9.93	48.02	31.11	8.45	7.96	6.5	2.697	91.2
1208	2/7/2013 0:15:51	9.93	47.92	31.04	8.47	7.97	5.2	2.644	91.3
1209	2/7/2013 0:30:51	9.96	47.85	30.99	8.47	7.97	5.5	2.595	91.4
1210	2/7/2013 0:45:51	9.95	47.71	30.89	8.47	7.98	5.5	2.513	91.3
1211	2/7/2013 1:00:51	9.96	47.70	30.88	8.46	7.98	4.9	2.480	91.2
1212	2/7/2013 1:15:50	9.93	47.54	30.76	8.47	7.97	5.3	2.407	91.2
1213	2/7/2013 1:30:51	9.89	47.34	30.62	8.49	7.98	4.7	2.337	91.3
1214	2/7/2013 1:45:51	9.87	47.27	30.57	8.48	7.98	4.6	2.301	91.0
1215	2/7/2013 2:00:51	9.89	47.21	30.53	8.52	7.99	4.2	2.278	91.5
1216	2/7/2013 2:15:51	9.83	47.19	30.51	8.45	7.98	4.6	2.241	90.6
1217	2/7/2013 2:30:51	9.85	46.98	30.36	8.45	7.99	4.0	2.229	90.6
1218	2/7/2013 2:45:51	9.87	47.22	30.53	8.39	7.98	3.9	2.204	90.1

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1219	2/7/2013 3:00:51	9.84	47.19	30.51	8.37	7.98	4.1	2.234	89.8
1220	2/7/2013 3:15:51	9.88	47.43	30.68	8.42	7.97	4.6	2.285	90.5
1221	2/7/2013 3:30:51	9.90	47.48	30.72	8.44	7.97	5.1	2.300	90.8
1222	2/7/2013 3:45:51	9.91	47.48	30.72	8.45	7.97	5.1	2.362	90.9
1223	2/7/2013 4:00:51	9.85	47.25	30.55	8.50	7.98	5.9	2.435	91.2
1224	2/7/2013 4:15:51	9.89	47.41	30.67	8.46	7.98	4.8	2.505	91.0
1225	2/7/2013 4:30:51	9.91	47.66	30.85	8.44	7.97	5.1	2.575	90.9
1226	2/7/2013 4:45:51	9.88	47.90	31.02	8.44	7.96	5.1	2.650	90.9
1227	2/7/2013 5:00:51	9.83	48.26	31.27	8.47	7.95	5.3	2.716	91.2
1228	2/7/2013 5:15:51	9.79	48.31	31.31	8.50	7.95	5.7	2.803	91.5
1229	2/7/2013 5:30:51	9.75	48.42	31.39	8.55	7.95	6.3	2.886	92.0
1230	2/7/2013 5:45:50	9.72	48.64	31.54	8.58	7.94	6.8	2.942	92.5
1231	2/7/2013 6:00:51	9.71	48.81	31.66	8.61	7.94	5.9	3.040	92.8
1232	2/7/2013 6:15:51	9.61	49.12	31.88	8.69	7.94	7.9	3.132	93.5
1233	2/7/2013 6:30:50	9.55	49.11	31.87	8.75	7.93	9.1	3.217	94.1
1234	2/7/2013 6:45:51	9.49	49.48	32.13	8.79	7.93	9.3	3.307	94.6
1235	2/7/2013 7:00:50	9.42	49.54	32.17	8.84	7.93	8.4	3.389	94.9
1236	2/7/2013 7:15:50	9.38	49.63	32.23	8.84	7.93	8.7	3.475	95.0
1237	2/7/2013 7:30:50	9.32	50.05	32.53	8.89	7.93	8.5	3.564	95.5
1238	2/7/2013 7:45:51	9.30	50.07	32.55	8.87	7.93	7.3	3.635	95.3
1239	2/7/2013 8:00:51	9.27	50.23	32.66	8.90	7.93	7.6	3.701	95.6
1240	2/7/2013 8:15:51	9.24	50.29	32.69	8.91	7.93	7.2	3.771	95.7
1241	2/7/2013 8:30:51	9.22	50.39	32.77	8.93	7.93	6.2	3.813	95.8
1242	2/7/2013 8:45:51	9.22	50.41	32.78	8.90	7.93	6.0	3.834	95.5
1243	2/7/2013 9:00:51	9.23	50.40	32.78	8.79	7.93	4.5	3.860	94.4
1244	2/7/2013 9:15:51	9.25	50.30	32.71	8.84	7.93	5.9	3.850	95.0
1245	2/7/2013 9:30:51	9.24	50.28	32.69	8.85	7.93	6.3	3.825	95.1
1246	2/7/2013 9:45:51	9.25	50.38	32.77	8.85	7.93	6.8	3.773	95.1
1247	2/7/2013 10:00:51	9.28	50.23	32.66	8.87	7.93	7.2	3.701	95.3
1248	2/7/2013 10:15:51	9.52	49.34	32.03	8.93	7.95	5.6	3.612	96.1
1249	2/7/2013 10:30:51	9.58	49.47	32.13	8.94	7.95	4.8	3.527	96.4
1250	2/7/2013 10:45:51	9.62	49.28	32.00	8.94	7.96	5.5	3.407	96.3
1251	2/7/2013 11:00:50	9.61	49.09	31.86	8.91	7.96	5.3	3.298	96.0
1252	2/7/2013 11:15:51	9.65	48.99	31.79	8.94	7.96	5.2	3.154	96.3
1253	2/7/2013 11:30:51	9.65	49.13	31.89	9.00	7.97	4.6	3.045	97.0
1254	2/7/2013 11:45:51	9.70	48.62	31.53	8.95	7.98	4.2	2.923	96.3
1255	2/7/2013 12:00:51	9.68	48.67	31.56	9.02	7.99	4.6	2.766	97.1
1256	2/7/2013 12:15:51	9.72	48.60	31.51	9.04	7.99	4.6	2.624	97.4
1257	2/7/2013 12:30:51	9.84	47.88	31.00	8.99	8.02	6.0	2.508	96.7
1258	2/7/2013 12:45:51	9.83	48.28	31.29	9.17	8.03	5.1	2.374	98.8
1259	2/7/2013 13:00:51	9.94	48.10	31.17	9.33	8.05	5.2	2.214	100.7
1260	2/7/2013 13:15:50	10.01	47.73	30.91	9.37	8.07	6.3	2.062	101.1
1261	2/7/2013 13:30:51	10.08	47.88	31.02	9.50	8.08	6.7	1.918	102.8
1262	2/7/2013 13:45:51	10.10	47.62	30.84	9.50	8.09	6.0	1.737	102.7
1263	2/7/2013 14:00:51	10.08	47.11	30.46	9.33	8.10	6.8	1.613	100.5
1264	2/7/2013 14:15:51	10.07	46.93	30.33	9.20	8.11	7.8	1.454	99.1
1265	2/7/2013 14:30:51	10.08	46.73	30.19	9.13	8.12	7.8	1.327	98.3
1266	2/7/2013 14:45:51	10.10	46.55	30.07	9.10	8.13	10.7	1.185	97.9
1267	2/7/2013 15:00:51	10.14	46.36	29.93	9.08	8.14	11.0	1.099	97.7
1268	2/7/2013 15:15:50	10.15	46.34	29.92	9.05	8.14	13.4	1.024	97.4
1269	2/7/2013 15:30:50	10.14	46.34	29.91	8.94	8.13	12.3	0.991	96.2
1270	2/7/2013 15:45:50	10.12	46.37	29.94	8.97	8.13	9.2	1.016	96.5
1271	2/7/2013 16:00:50	10.11	46.35	29.93	8.97	8.13	7.4	1.063	96.4

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1272	2/7/2013 16:15:50	10.11	46.37	29.93	8.95	8.13	6.8	1.127	96.3
1273	2/7/2013 16:30:50	10.09	46.24	29.84	8.94	8.12	5.8	1.192	96.1
1274	2/7/2013 16:45:51	10.09	46.17	29.79	8.90	8.11	5.7	1.277	95.6
1275	2/7/2013 17:00:51	10.07	45.82	29.54	8.87	8.11	5.7	1.364	95.0
1276	2/7/2013 17:15:51	10.07	45.75	29.49	8.84	8.10	5.8	1.427	94.7
1277	2/7/2013 17:30:51	10.07	45.68	29.44	8.81	8.09	5.5	1.497	94.3
1278	2/7/2013 17:45:51	10.07	45.63	29.41	8.81	8.09	5.6	1.579	94.4
1279	2/7/2013 18:00:50	10.06	46.05	29.71	8.77	8.09	4.9	1.669	94.1
1280	2/7/2013 18:15:51	10.06	46.11	29.75	8.77	8.08	5.0	1.762	94.1
1281	2/7/2013 18:30:51	10.03	46.17	29.79	8.70	8.06	5.7	1.862	93.3
1282	2/7/2013 18:45:51	9.99	46.98	30.36	8.60	8.03	5.6	1.965	92.4
1283	2/7/2013 19:00:50	9.97	46.96	30.35	8.55	8.02	6.8	2.084	91.9
1284	2/7/2013 19:15:50	9.95	47.09	30.45	8.54	8.02	6.5	2.185	91.8
1285	2/7/2013 19:30:51	9.94	47.29	30.58	8.50	8.01	7.8	2.286	91.5
1286	2/7/2013 19:45:51	9.89	47.64	30.83	8.47	7.99	8.7	2.380	91.2
1287	2/7/2013 20:00:51	9.87	47.73	30.90	8.47	7.99	7.6	2.493	91.2
1288	2/7/2013 20:15:51	9.83	47.89	31.01	8.49	7.98	8.1	2.581	91.3
1289	2/7/2013 20:30:51	9.80	47.99	31.08	8.49	7.98	8.4	2.659	91.3
1290	2/7/2013 20:45:51	9.71	48.20	31.22	8.51	7.97	9.7	2.749	91.5
1291	2/7/2013 21:00:51	9.69	48.33	31.31	8.52	7.96	9.3	2.836	91.6
1292	2/7/2013 21:15:51	9.63	48.57	31.48	8.58	7.96	9.0	2.897	92.2
1293	2/7/2013 21:30:51	9.57	48.86	31.69	8.66	7.96	8.4	2.966	93.0
1294	2/7/2013 21:45:51	9.53	49.03	31.81	8.70	7.96	8.7	3.041	93.5
1295	2/7/2013 22:00:51	9.51	49.12	31.87	8.71	7.96	7.1	3.122	93.6
1296	2/7/2013 22:15:51	9.49	49.30	32.00	8.72	7.96	7.8	3.162	93.7
1297	2/7/2013 22:30:51	9.47	49.32	32.02	8.70	7.96	5.7	3.190	93.4
1298	2/7/2013 22:45:51	9.46	49.39	32.06	8.67	7.96	5.1	3.229	93.2
1299	2/7/2013 23:00:51	9.51	49.17	31.91	8.65	7.96	5.6	3.225	92.9
1300	2/7/2013 23:15:51	9.48	49.35	32.04	8.67	7.96	5.8	3.213	93.1
1301	2/7/2013 23:30:51	9.48	49.30	32.00	8.70	7.96	6.3	3.156	93.5
1302	2/7/2013 23:45:50	9.52	48.82	31.66	8.61	7.96	6.7	3.096	92.4
1303	2/8/2013 0:00:50	9.56	48.28	31.27	8.50	7.96	6.2	3.027	91.1
1304	2/8/2013 0:15:51	9.55	48.27	31.26	8.49	7.96	7.4	2.943	91.0
1305	2/8/2013 0:30:51	9.57	48.24	31.25	8.49	7.96	7.5	2.855	90.9
1306	2/8/2013 0:45:51	9.59	48.15	31.18	8.48	7.97	6.8	2.771	90.8
1307	2/8/2013 1:00:51	9.61	48.09	31.14	8.45	7.97	6.2	2.682	90.5
1308	2/8/2013 1:15:51	9.57	48.05	31.11	8.42	7.96	5.7	2.602	90.2
1309	2/8/2013 1:30:51	9.51	48.14	31.17	8.41	7.96	5.2	2.544	90.0
1310	2/8/2013 1:45:51	9.52	47.65	30.82	8.46	7.97	5.5	2.459	90.3
1311	2/8/2013 2:00:50	9.60	47.20	30.50	8.46	7.99	5.7	2.395	90.3
1312	2/8/2013 2:15:50	9.60	46.95	30.32	8.45	8.00	4.8	2.314	90.1
1313	2/8/2013 2:30:51	9.53	47.09	30.42	8.42	8.00	4.3	2.250	89.7
1314	2/8/2013 2:45:51	9.50	47.01	30.35	8.43	8.00	4.3	2.230	89.6
1315	2/8/2013 3:00:51	9.51	46.89	30.27	8.41	8.00	4.3	2.170	89.4
1316	2/8/2013 3:15:51	9.49	46.71	30.14	8.43	8.01	4.0	2.143	89.5
1317	2/8/2013 3:30:50	9.54	46.52	30.01	8.37	8.02	3.4	2.115	88.9
1318	2/8/2013 3:45:51	9.54	46.92	30.29	8.32	8.00	3.4	2.120	88.5
1319	2/8/2013 4:00:51	9.56	47.02	30.37	8.35	7.99	3.9	2.155	88.9
1320	2/8/2013 4:15:50	9.55	46.94	30.31	8.37	7.99	4.3	2.184	89.1
1321	2/8/2013 4:30:51	9.57	47.16	30.47	8.37	7.99	4.8	2.243	89.2
1322	2/8/2013 4:45:51	9.46	47.07	30.40	8.40	7.99	5.5	2.298	89.3
1323	2/8/2013 5:00:51	9.53	47.12	30.44	8.38	7.99	4.3	2.363	89.3
1324	2/8/2013 5:15:51	9.53	47.13	30.45	8.37	7.98	4.5	2.454	89.2

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1325	2/8/2013 5:30:50	9.54	47.30	30.57	8.39	7.98	5.2	2.528	89.4
1326	2/8/2013 5:45:51	9.53	47.67	30.83	8.39	7.97	5.6	2.617	89.6
1327	2/8/2013 6:00:51	9.53	48.03	31.09	8.44	7.96	5.2	2.693	90.2
1328	2/8/2013 6:15:51	9.50	48.11	31.15	8.51	7.96	5.7	2.770	90.9
1329	2/8/2013 6:30:51	9.50	48.37	31.33	8.54	7.96	6.0	2.852	91.4
1330	2/8/2013 6:45:51	9.49	48.47	31.41	8.55	7.96	6.9	2.930	91.6
1331	2/8/2013 7:00:51	9.47	48.63	31.52	8.58	7.96	8.3	3.046	91.9
1332	2/8/2013 7:15:51	9.39	48.82	31.65	8.60	7.96	9.4	3.125	92.1
1333	2/8/2013 7:30:51	9.36	49.05	31.81	8.62	7.96	9.3	3.217	92.3
1334	2/8/2013 7:45:51	9.28	49.42	32.07	8.64	7.96	9.2	3.320	92.5
1335	2/8/2013 8:00:51	9.25	49.58	32.18	8.66	7.96	9.6	3.420	92.7
1336	2/8/2013 8:15:50	9.22	49.77	32.32	8.67	7.96	10.3	3.517	92.9
1337	2/8/2013 8:30:51	9.19	49.96	32.46	8.70	7.96	9.2	3.588	93.2
1338	2/8/2013 8:45:50	9.17	50.04	32.51	8.73	7.96	8.5	3.698	93.5
1339	2/8/2013 9:00:51	9.17	50.21	32.63	8.74	7.97	7.2	3.745	93.7
	Mean	9.96	47.31	30.61	9.19	8.01	6.41	2.55	98.97
	Minimum	9.17	44.53	28.61	8.11	7.88	2.70	0.99	87.40
	Maximum	10.75	50.41	32.78	10.64	8.18	44.30	3.86	115.00

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

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	2/8/2013 9:31:33	9.13	48.70	31.54	9.45	8.01	6.4	3.906	100.4
1	2/8/2013 9:46:33	9.13	48.84	31.64	9.36	8.01	5.0	3.940	99.6
2	2/8/2013 10:01:33	9.15	48.56	31.44	9.44	8.01	5.1	3.960	100.4
3	2/8/2013 10:16:33	9.14	48.90	31.68	9.32	8.01	6.1	3.934	99.2
4	2/8/2013 10:31:33	9.13	49.06	31.80	9.32	8.01	7.0	3.908	99.3
5	2/8/2013 10:46:33	9.15	49.20	31.90	9.39	8.01	7.4	3.833	100.1
6	2/8/2013 11:01:33	9.39	48.74	31.59	9.63	8.03	5.7	3.756	103.0
7	2/8/2013 11:16:33	9.49	48.33	31.30	9.48	8.03	4.8	3.660	101.4
8	2/8/2013 11:31:33	9.50	48.65	31.53	9.47	8.03	4.6	3.558	101.5
9	2/8/2013 11:46:33	9.45	48.46	31.39	9.37	8.02	9.2	3.408	100.3
10	2/8/2013 12:01:33	9.50	48.36	31.33	9.40	8.03	7.9	3.294	100.7
11	2/8/2013 12:16:33	9.62	48.25	31.25	9.48	8.04	6.8	3.150	101.7
12	2/8/2013 12:31:33	9.69	48.43	31.39	9.69	8.06	8.1	3.016	104.2
13	2/8/2013 12:46:33	9.75	48.50	31.44	9.73	8.06	8.9	2.875	104.8
14	2/8/2013 13:01:33	9.83	48.22	31.24	9.72	8.07	11.8	2.729	104.7
15	2/8/2013 13:16:33	9.88	47.99	31.08	9.74	8.07	14.4	2.593	105.0
16	2/8/2013 13:31:33	9.91	47.80	30.95	9.71	8.08	21.2	2.451	104.6
17	2/8/2013 13:46:33	9.95	47.90	31.03	9.71	8.08	21.1	2.293	104.8
18	2/8/2013 14:01:33	9.92	47.55	30.77	9.63	8.08	25.3	2.125	103.6
19	2/8/2013 14:16:33	9.95	47.34	30.62	9.58	8.08	26.8	1.969	103.1
20	2/8/2013 14:31:33	9.97	47.11	30.46	9.54	8.09	33.0	1.791	102.6
21	2/8/2013 14:46:33	10.00	47.18	30.51	9.49	8.08	28.0	1.628	102.1
22	2/8/2013 15:01:33	10.00	47.28	30.58	9.46	8.07	26.7	1.464	101.9
23	2/8/2013 15:16:33	10.02	47.17	30.50	9.51	8.08	25.3	1.290	102.5
24	2/8/2013 15:31:33	10.04	47.07	30.44	9.51	8.08	22.4	1.171	102.4
25	2/8/2013 15:46:33	10.04	46.97	30.36	9.47	8.08	19.9	1.038	102.0
26	2/8/2013 16:01:33	10.06	46.92	30.33	9.42	8.09	19.8	0.962	101.5
27	2/8/2013 16:16:33	10.07	47.02	30.40	9.45	8.08	18.9	0.928	101.8
28	2/8/2013 16:31:33	10.05	46.81	30.25	9.51	8.10	17.9	0.936	102.3
29	2/8/2013 16:46:33	10.07	46.43	29.97	9.53	8.12	16.9	0.979	102.4
30	2/8/2013 17:01:33	10.04	46.35	29.92	9.48	8.12	14.4	1.060	101.8
31	2/8/2013 17:16:33	10.05	46.25	29.85	9.49	8.12	16.8	1.158	101.8
32	2/8/2013 17:31:33	10.06	46.57	30.08	9.45	8.10	13.4	1.230	101.6
33	2/8/2013 17:46:33	10.05	46.58	30.08	9.47	8.10	13.0	1.315	101.8
34	2/8/2013 18:01:33	10.04	46.58	30.08	9.43	8.10	13.2	1.394	101.3
35	2/8/2013 18:16:33	9.97	46.19	29.80	9.46	8.11	13.2	1.454	101.3
36	2/8/2013 18:31:33	9.99	46.19	29.80	9.48	8.12	14.1	1.554	101.6
37	2/8/2013 18:46:33	10.00	46.15	29.77	9.49	8.11	13.9	1.640	101.7
38	2/8/2013 19:01:33	9.99	46.18	29.79	9.46	8.10	12.7	1.733	101.3
39	2/8/2013 19:16:33	9.95	45.99	29.66	9.48	8.10	12.0	1.831	101.4
40	2/8/2013 19:31:33	9.88	46.09	29.73	9.43	8.08	12.2	1.943	100.7
41	2/8/2013 19:46:33	9.80	45.74	29.47	9.46	8.08	19.0	2.064	100.7
42	2/8/2013 20:01:33	9.74	45.70	29.44	9.42	8.07	12.8	2.191	100.2
43	2/8/2013 20:16:33	9.71	45.86	29.55	9.41	8.07	11.5	2.292	100.0
44	2/8/2013 20:31:33	9.76	46.88	30.28	9.33	8.06	13.0	2.419	99.8
45	2/8/2013 20:46:33	9.74	47.07	30.42	9.32	8.06	17.6	2.518	99.7
46	2/8/2013 21:01:33	9.69	47.17	30.48	9.33	8.05	15.8	2.631	99.7
47	2/8/2013 21:16:33	9.66	47.41	30.65	9.32	8.05	16.8	2.722	99.7
48	2/8/2013 21:31:33	9.63	47.60	30.79	9.32	8.04	16.1	2.810	99.7
49	2/8/2013 21:46:33	9.58	47.93	31.02	9.36	8.04	19.9	2.910	100.2
50	2/8/2013 22:01:33	9.53	48.28	31.27	9.43	8.04	20.7	2.989	100.9
51	2/8/2013 22:16:33	9.48	48.55	31.46	9.46	8.05	17.6	3.061	101.3
52	2/8/2013 22:31:33	9.44	48.81	31.64	9.53	8.06	11.7	3.147	102.1

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
53	2/8/2013 22:46:33	9.43	48.87	31.69	9.55	8.06	9.2	3.202	102.3
54	2/8/2013 23:01:33	9.41	48.97	31.76	9.56	8.07	7.2	3.249	102.4
55	2/8/2013 23:16:33	9.40	48.96	31.75	9.44	8.07	4.8	3.280	101.1
56	2/8/2013 23:31:33	9.26	48.16	31.16	9.33	8.06	8.9	3.287	99.2
57	2/8/2013 23:46:33	9.34	48.67	31.54	9.42	8.06	9.5	3.289	100.6
58	2/9/2013 0:01:33	9.25	48.59	31.47	9.37	8.05	12.5	3.257	99.8
59	2/9/2013 0:16:33	9.22	48.64	31.50	9.39	8.05	14.7	3.216	100.0
60	2/9/2013 0:31:33	9.21	48.47	31.38	9.36	8.05	16.4	3.139	99.6
61	2/9/2013 0:46:33	9.25	48.50	31.41	9.38	8.05	11.2	3.048	99.9
62	2/9/2013 1:01:33	9.22	48.72	31.56	9.44	8.06	8.9	2.965	100.6
63	2/9/2013 1:16:33	9.22	48.55	31.44	9.41	8.06	9.0	2.883	100.2
64	2/9/2013 1:31:33	9.17	48.27	31.24	9.33	8.06	10.1	2.795	99.1
65	2/9/2013 1:46:33	9.25	47.80	30.91	9.23	8.05	13.0	2.694	98.0
66	2/9/2013 2:01:33	9.20	47.45	30.65	9.20	8.05	13.5	2.610	97.4
67	2/9/2013 2:16:33	9.17	46.97	30.30	9.17	8.05	10.9	2.516	96.8
68	2/9/2013 2:31:33	9.09	47.14	30.42	9.15	8.05	8.7	2.426	96.5
69	2/9/2013 2:46:33	9.12	46.89	30.25	9.14	8.05	9.8	2.328	96.3
70	2/9/2013 3:01:33	8.94	47.09	30.38	9.09	8.05	8.1	2.253	95.5
71	2/9/2013 3:16:33	9.09	46.78	30.16	9.08	8.05	8.4	2.172	95.6
72	2/9/2013 3:31:33	9.12	46.67	30.09	9.08	8.06	8.4	2.096	95.6
73	2/9/2013 3:46:33	9.05	46.57	30.01	9.06	8.07	7.8	2.030	95.2
74	2/9/2013 4:01:33	9.04	46.41	29.89	9.04	8.07	7.7	1.975	95.0
75	2/9/2013 4:16:33	9.05	46.28	29.81	9.00	8.08	7.6	1.949	94.5
76	2/9/2013 4:31:33	9.06	46.29	29.81	8.99	8.08	7.2	1.937	94.3
77	2/9/2013 4:46:33	8.98	46.26	29.79	9.03	8.08	7.2	1.946	94.7
78	2/9/2013 5:01:33	9.00	46.28	29.80	9.06	8.07	7.4	1.983	95.0
79	2/9/2013 5:16:33	9.08	46.36	29.86	9.05	8.07	7.3	2.026	95.1
80	2/9/2013 5:31:33	9.10	46.41	29.90	9.07	8.06	7.5	2.095	95.3
81	2/9/2013 5:46:33	9.00	46.15	29.71	9.09	8.06	7.8	2.165	95.2
82	2/9/2013 6:01:33	9.05	46.18	29.73	9.08	8.06	7.5	2.254	95.2
83	2/9/2013 6:16:33	9.03	46.19	29.74	9.08	8.05	8.1	2.345	95.2
84	2/9/2013 6:31:33	9.13	46.59	30.03	9.07	8.05	9.2	2.423	95.5
85	2/9/2013 6:46:33	9.07	46.95	30.28	9.10	8.05	8.0	2.512	95.9
86	2/9/2013 7:01:33	9.24	47.58	30.75	9.17	8.05	9.2	2.603	97.2
87	2/9/2013 7:16:33	9.23	47.84	30.94	9.24	8.05	8.5	2.691	98.1
88	2/9/2013 7:31:33	9.21	48.01	31.05	9.25	8.05	9.0	2.781	98.2
89	2/9/2013 7:46:33	9.16	47.99	31.04	9.24	8.05	9.4	2.865	98.0
90	2/9/2013 8:01:33	9.16	48.14	31.15	9.29	8.06	10.6	2.964	98.6
91	2/9/2013 8:16:33	9.17	48.34	31.28	9.33	8.06	12.8	3.068	99.1
92	2/9/2013 8:31:33	9.13	48.55	31.44	9.36	8.06	16.4	3.163	99.5
93	2/9/2013 8:46:33	9.09	48.83	31.64	9.45	8.07	16.8	3.265	100.5
94	2/9/2013 9:01:33	9.09	48.99	31.74	9.49	8.08	15.3	3.376	101.0
95	2/9/2013 9:16:33	9.08	49.26	31.94	9.55	8.08	13.5	3.468	101.7
96	2/9/2013 9:31:33	9.06	49.39	32.03	9.55	8.09	12.8	3.576	101.6
97	2/9/2013 9:46:33	9.05	49.47	32.09	9.52	8.09	11.1	3.659	101.4
98	2/9/2013 10:01:33	9.04	49.54	32.14	9.53	8.09	9.0	3.739	101.6
99	2/9/2013 10:16:33	9.04	49.53	32.13	9.54	8.09	7.8	3.805	101.6
100	2/9/2013 10:31:33	9.04	49.62	32.19	9.51	8.09	6.5	3.846	101.3
101	2/9/2013 10:46:33	9.06	49.55	32.15	9.43	8.09	4.6	3.868	100.5
102	2/9/2013 11:01:33	9.07	49.41	32.05	9.55	8.09	6.2	3.877	101.7
103	2/9/2013 11:16:33	9.06	49.51	32.12	9.53	8.09	7.1	3.836	101.6
104	2/9/2013 11:31:33	9.22	49.49	32.12	9.88	8.12	13.4	3.772	105.6
105	2/9/2013 11:46:33	9.22	49.50	32.13	9.81	8.11	17.0	3.690	104.9

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
106	2/9/2013 12:01:33	9.24	49.52	32.14	9.70	8.10	21.1	3.593	103.7
107	2/9/2013 12:16:33	9.28	49.49	32.12	9.71	8.10	21.2	3.475	103.9
108	2/9/2013 12:31:33	9.32	49.43	32.08	9.71	8.10	21.2	3.351	104.0
109	2/9/2013 12:46:33	9.35	49.09	31.84	9.69	8.10	26.4	3.231	103.8
110	2/9/2013 13:01:34	9.30	48.69	31.55	9.62	8.09	29.8	3.100	102.6
111	2/9/2013 13:16:33	9.36	48.62	31.50	9.59	8.09	28.7	2.971	102.4
112	2/9/2013 13:31:33	9.50	48.71	31.58	9.61	8.09	38.2	2.831	103.0
113	2/9/2013 13:46:33	9.55	48.60	31.50	9.62	8.09	40.3	2.689	103.2
114	2/9/2013 14:01:33	9.56	48.43	31.38	9.59	8.09	37.4	2.561	102.8
115	2/9/2013 14:16:33	9.64	48.17	31.20	9.53	8.09	39.5	2.398	102.3
116	2/9/2013 14:31:33	9.70	47.86	30.98	9.56	8.09	44.9	2.237	102.6
117	2/9/2013 14:46:33	9.65	47.40	30.65	9.45	8.08	49.8	2.086	101.1
118	2/9/2013 15:01:33	9.69	47.26	30.55	9.43	8.08	55.9	1.910	100.9
119	2/9/2013 15:16:33	9.66	47.21	30.51	9.38	8.07	52.6	1.748	100.2
120	2/9/2013 15:31:33	9.68	47.25	30.54	9.37	8.07	45.9	1.574	100.1
121	2/9/2013 15:46:33	9.70	47.21	30.51	9.36	8.07	39.4	1.397	100.2
122	2/9/2013 16:01:33	9.72	47.05	30.40	9.37	8.07	31.3	1.253	100.2
123	2/9/2013 16:16:33	9.72	47.07	30.41	9.34	8.07	27.2	1.088	99.8
124	2/9/2013 16:31:33	9.73	46.96	30.34	9.32	8.07	23.1	0.951	99.6
125	2/9/2013 16:46:33	9.77	47.03	30.39	9.24	8.07	22.0	0.870	98.9
126	2/9/2013 17:01:33	9.62	46.67	30.12	9.31	8.08	20.3	0.847	99.2
127	2/9/2013 17:16:33	9.51	46.31	29.86	9.31	8.08	21.4	0.863	98.7
128	2/9/2013 17:31:33	9.41	46.01	29.64	9.30	8.08	21.5	0.934	98.3
129	2/9/2013 17:46:33	9.43	46.01	29.64	9.32	8.08	18.8	1.043	98.5
130	2/9/2013 18:01:33	9.51	46.12	29.72	9.20	8.07	15.5	1.128	97.5
131	2/9/2013 18:16:33	9.58	46.38	29.91	9.24	8.07	16.6	1.217	98.2
132	2/9/2013 18:31:33	9.53	46.28	29.83	9.24	8.07	16.2	1.291	98.0
133	2/9/2013 18:46:33	9.41	45.55	29.31	9.34	8.07	16.4	1.357	98.5
134	2/9/2013 19:01:33	9.47	45.82	29.50	9.28	8.07	16.1	1.434	98.1
135	2/9/2013 19:16:33	9.52	46.00	29.64	9.29	8.07	15.9	1.541	98.4
136	2/9/2013 19:31:33	9.52	45.92	29.58	9.31	8.07	17.2	1.625	98.6
137	2/9/2013 19:46:33	9.52	45.88	29.55	9.31	8.07	16.0	1.731	98.6
138	2/9/2013 20:01:33	9.49	45.98	29.62	9.35	8.07	16.4	1.839	99.0
139	2/9/2013 20:16:33	9.43	45.88	29.55	9.39	8.07	19.5	1.948	99.2
140	2/9/2013 20:31:33	9.49	46.83	30.23	9.34	8.06	14.1	2.080	99.3
141	2/9/2013 20:46:33	9.49	47.07	30.40	9.35	8.06	17.3	2.206	99.4
142	2/9/2013 21:01:33	9.46	46.97	30.33	9.34	8.06	18.3	2.335	99.3
143	2/9/2013 21:16:33	9.45	47.04	30.38	9.34	8.06	20.7	2.441	99.2
144	2/9/2013 21:31:33	9.43	47.15	30.45	9.33	8.06	22.6	2.562	99.1
145	2/9/2013 21:46:33	9.40	47.31	30.57	9.34	8.06	22.6	2.670	99.3
146	2/9/2013 22:01:33	9.37	47.48	30.68	9.38	8.06	23.9	2.765	99.7
147	2/9/2013 22:16:33	9.36	47.88	30.97	9.41	8.06	21.3	2.864	100.1
148	2/9/2013 22:31:33	9.29	48.37	31.32	9.45	8.07	18.9	2.962	100.7
149	2/9/2013 22:46:34	9.25	48.59	31.47	9.45	8.06	17.7	3.054	100.7
150	2/9/2013 23:01:33	9.21	48.91	31.70	9.43	8.06	14.7	3.122	100.6
151	2/9/2013 23:16:33	9.17	49.19	31.90	9.34	8.05	13.4	3.205	99.7
152	2/9/2013 23:31:33	9.15	49.34	32.00	9.27	8.04	10.9	3.286	98.9
153	2/9/2013 23:46:33	9.12	49.57	32.17	9.20	8.03	9.5	3.333	98.2
154	2/10/2013 0:01:33	9.07	49.78	32.32	9.12	8.01	7.9	3.365	97.3
155	2/10/2013 0:16:33	9.06	49.87	32.38	9.01	8.01	7.0	3.408	96.2
156	2/10/2013 0:31:33	9.08	49.83	32.35	9.05	8.00	8.7	3.371	96.6
157	2/10/2013 0:46:33	9.06	49.88	32.39	9.06	8.00	9.6	3.357	96.7
158	2/10/2013 1:01:33	9.08	48.61	31.47	9.19	8.04	13.0	3.288	97.6

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
159	2/10/2013 1:16:33	9.07	48.00	31.04	9.24	8.05	11.8	3.199	97.8
160	2/10/2013 1:31:33	9.11	48.13	31.13	9.25	8.05	11.4	3.106	98.1
161	2/10/2013 1:46:33	9.12	48.25	31.22	9.24	8.05	11.1	3.000	98.0
162	2/10/2013 2:01:33	9.14	48.13	31.13	9.24	8.05	14.7	2.914	98.0
163	2/10/2013 2:16:33	9.13	48.16	31.15	9.20	8.05	9.5	2.809	97.6
164	2/10/2013 2:31:33	9.12	48.10	31.11	9.17	8.04	8.7	2.704	97.2
165	2/10/2013 2:46:33	9.08	47.89	30.95	9.20	8.05	9.5	2.611	97.4
166	2/10/2013 3:01:33	9.04	47.63	30.77	9.20	8.04	12.0	2.510	97.1
167	2/10/2013 3:16:33	9.07	47.19	30.45	9.20	8.04	15.6	2.428	97.0
168	2/10/2013 3:31:33	8.98	47.37	30.58	9.12	8.04	10.0	2.297	96.0
169	2/10/2013 3:46:33	8.91	46.94	30.26	9.08	8.04	11.7	2.197	95.3
170	2/10/2013 4:01:33	8.75	46.74	30.11	9.04	8.03	9.6	2.103	94.4
171	2/10/2013 4:16:33	8.75	46.14	29.68	9.05	8.03	10.4	2.033	94.2
172	2/10/2013 4:31:33	8.61	46.12	29.66	9.02	8.03	9.6	1.969	93.6
173	2/10/2013 4:46:33	8.57	46.21	29.72	9.01	8.03	9.8	1.852	93.5
174	2/10/2013 5:01:33	8.60	46.12	29.66	9.01	8.03	10.5	1.803	93.5
175	2/10/2013 5:16:33	8.57	46.06	29.61	8.95	8.03	8.9	1.787	92.8
176	2/10/2013 5:31:33	8.61	46.12	29.66	8.93	8.03	7.8	1.784	92.7
177	2/10/2013 5:46:34	8.80	46.27	29.78	8.99	8.03	8.2	1.817	93.8
178	2/10/2013 6:01:34	8.82	46.25	29.77	9.00	8.03	9.0	1.852	93.9
179	2/10/2013 6:16:33	8.81	46.29	29.79	8.98	8.03	9.6	1.916	93.8
180	2/10/2013 6:31:33	8.71	46.07	29.63	9.02	8.03	9.4	1.989	93.9
181	2/10/2013 6:46:33	8.64	45.82	29.45	9.03	8.02	9.0	2.088	93.7
182	2/10/2013 7:01:33	8.63	45.81	29.44	9.04	8.02	8.8	2.208	93.8
183	2/10/2013 7:16:33	8.81	46.27	29.78	9.02	8.03	9.7	2.298	94.2
184	2/10/2013 7:31:33	8.87	46.64	30.05	9.03	8.03	9.0	2.362	94.5
185	2/10/2013 7:46:33	9.03	47.46	30.65	9.06	8.03	9.9	2.469	95.5
186	2/10/2013 8:01:33	9.04	47.55	30.71	9.11	8.04	10.2	2.565	96.1
187	2/10/2013 8:16:33	9.09	47.82	30.90	9.16	8.04	9.7	2.655	96.9
188	2/10/2013 8:31:33	9.09	47.93	30.99	9.17	8.04	10.6	2.752	97.1
189	2/10/2013 8:46:33	9.08	48.08	31.09	9.16	8.04	11.5	2.859	97.0
190	2/10/2013 9:01:33	9.07	48.34	31.28	9.16	8.03	13.0	2.972	97.1
191	2/10/2013 9:16:33	9.04	48.58	31.45	9.12	8.03	15.4	3.051	96.7
192	2/10/2013 9:31:33	8.93	48.85	31.64	9.13	8.02	17.3	3.147	96.7
193	2/10/2013 9:46:33	8.92	49.14	31.84	9.07	8.01	15.7	3.263	96.2
194	2/10/2013 10:01:33	8.88	49.48	32.09	8.99	7.99	16.7	3.360	95.4
195	2/10/2013 10:16:33	8.81	49.91	32.39	8.88	7.97	19.4	3.460	94.3
196	2/10/2013 10:31:34	8.80	50.15	32.56	8.76	7.96	15.3	3.568	93.1
197	2/10/2013 10:46:33	8.74	50.39	32.73	8.68	7.94	14.8	3.630	92.2
198	2/10/2013 11:01:34	8.74	50.51	32.81	8.61	7.93	11.0	3.719	91.5
199	2/10/2013 11:16:33	8.75	50.60	32.88	8.58	7.93	9.5	3.784	91.2
200	2/10/2013 11:31:34	8.76	50.70	32.95	8.45	7.92	7.0	3.792	89.9
201	2/10/2013 11:46:33	8.81	50.32	32.68	8.71	7.95	6.2	3.832	92.6
202	2/10/2013 12:01:33	8.77	50.59	32.88	8.52	7.92	7.3	3.811	90.7
203	2/10/2013 12:16:33	8.76	50.66	32.93	8.50	7.92	9.0	3.765	90.4
204	2/10/2013 12:31:34	8.81	50.53	32.84	8.68	7.93	10.3	3.712	92.4
205	2/10/2013 12:46:34	9.21	49.87	32.39	9.20	7.99	8.1	3.624	98.5
206	2/10/2013 13:01:34	9.28	49.83	32.37	9.13	7.99	8.0	3.508	97.9
207	2/10/2013 13:16:33	9.30	49.64	32.23	9.15	8.00	7.3	3.397	98.1
208	2/10/2013 13:31:33	9.31	49.36	32.03	9.28	8.01	7.0	3.244	99.4
209	2/10/2013 13:46:33	9.34	49.32	32.00	9.38	8.03	7.0	3.128	100.5
210	2/10/2013 14:01:33	9.53	48.55	31.46	9.51	8.05	11.1	3.006	101.9
211	2/10/2013 14:16:33	9.49	48.86	31.68	9.56	8.05	7.2	2.876	102.5

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
212	2/10/2013 14:31:33	9.56	48.86	31.69	9.57	8.06	8.6	2.714	102.8
213	2/10/2013 14:46:34	9.68	48.69	31.57	9.63	8.06	10.1	2.586	103.6
214	2/10/2013 15:01:34	9.73	48.13	31.18	9.73	8.07	11.3	2.442	104.6
215	2/10/2013 15:16:33	9.77	47.79	30.93	9.89	8.09	13.0	2.279	106.3
216	2/10/2013 15:31:33	9.81	47.75	30.90	9.86	8.09	15.0	2.134	106.0
217	2/10/2013 15:46:33	9.75	47.31	30.59	9.79	8.09	18.7	1.969	104.9
218	2/10/2013 16:01:33	9.80	47.33	30.60	9.76	8.10	19.9	1.819	104.6
219	2/10/2013 16:16:33	9.83	47.36	30.63	9.81	8.11	18.3	1.668	105.3
220	2/10/2013 16:31:33	9.79	47.25	30.55	9.67	8.09	19.2	1.483	103.6
221	2/10/2013 16:46:33	9.79	47.25	30.55	9.64	8.09	16.6	1.325	103.4
222	2/10/2013 17:01:33	9.78	47.24	30.54	9.52	8.08	16.2	1.204	102.0
223	2/10/2013 17:16:33	9.77	47.11	30.44	9.62	8.09	15.8	1.086	103.0
224	2/10/2013 17:31:33	9.74	46.91	30.30	9.66	8.09	16.0	0.992	103.3
225	2/10/2013 17:46:33	9.71	46.75	30.18	9.67	8.09	14.6	0.954	103.2
226	2/10/2013 18:01:33	9.70	46.50	30.01	9.71	8.09	16.4	0.971	103.5
227	2/10/2013 18:16:33	9.67	46.32	29.87	9.79	8.10	13.7	1.049	104.2
228	2/10/2013 18:31:33	9.68	46.34	29.89	9.76	8.10	12.9	1.129	103.9
229	2/10/2013 18:46:33	9.66	46.29	29.85	9.74	8.09	13.3	1.234	103.7
230	2/10/2013 19:01:33	9.68	46.43	29.95	9.72	8.09	12.8	1.328	103.6
231	2/10/2013 19:16:33	9.55	45.76	29.47	9.77	8.08	12.4	1.405	103.5
232	2/10/2013 19:31:33	9.53	45.47	29.26	9.78	8.08	10.5	1.488	103.4
233	2/10/2013 19:46:33	9.55	45.56	29.32	9.72	8.08	10.1	1.578	102.9
234	2/10/2013 20:01:33	9.57	45.75	29.46	9.70	8.08	9.8	1.685	102.7
235	2/10/2013 20:16:34	9.59	45.91	29.58	9.66	8.07	10.0	1.771	102.5
236	2/10/2013 20:31:34	9.52	45.65	29.39	9.65	8.07	10.8	1.880	102.1
237	2/10/2013 20:46:33	9.56	46.89	30.28	9.49	8.06	9.1	2.005	101.0
238	2/10/2013 21:01:33	9.53	46.88	30.27	9.44	8.05	10.1	2.113	100.4
239	2/10/2013 21:16:33	9.54	47.21	30.50	9.43	8.05	10.6	2.247	100.6
240	2/10/2013 21:31:33	9.49	47.23	30.51	9.46	8.05	12.0	2.366	100.7
241	2/10/2013 21:46:34	9.47	47.50	30.70	9.44	8.05	16.9	2.489	100.6
242	2/10/2013 22:01:33	9.45	47.75	30.88	9.39	8.04	14.5	2.612	100.1
243	2/10/2013 22:16:34	9.43	47.89	30.98	9.35	8.03	15.1	2.713	99.7
244	2/10/2013 22:31:34	9.41	48.08	31.11	9.30	8.02	18.6	2.817	99.2
245	2/10/2013 22:46:33	9.37	48.42	31.36	9.26	8.01	19.8	2.935	98.9
246	2/10/2013 23:01:33	9.23	49.08	31.82	9.22	7.99	20.0	3.024	98.4
247	2/10/2013 23:16:33	9.17	49.40	32.05	9.21	7.98	16.2	3.116	98.4
248	2/10/2013 23:31:34	9.11	49.72	32.27	9.20	7.97	16.6	3.205	98.2
249	2/10/2013 23:46:33	9.01	50.04	32.49	9.20	7.96	14.4	3.297	98.1
250	2/11/2013 0:01:33	8.95	50.28	32.67	9.20	7.95	12.9	3.384	98.1
251	2/11/2013 0:16:33	8.90	50.44	32.78	9.19	7.94	11.8	3.462	98.0
252	2/11/2013 0:31:34	8.86	50.61	32.90	9.15	7.93	8.1	3.510	97.5
253	2/11/2013 0:46:34	8.85	50.67	32.94	9.05	7.92	6.4	3.525	96.5
254	2/11/2013 1:01:34	8.93	50.22	32.62	9.12	7.94	7.9	3.523	97.2
255	2/11/2013 1:16:33	8.87	50.59	32.89	9.15	7.93	10.7	3.514	97.6
256	2/11/2013 1:31:34	9.10	48.80	31.61	9.13	7.99	8.7	3.462	97.0
257	2/11/2013 1:46:33	9.05	49.43	32.06	9.11	7.96	11.4	3.388	97.0
258	2/11/2013 2:01:33	9.09	49.07	31.80	9.13	7.98	9.7	3.314	97.2
259	2/11/2013 2:16:33	9.11	48.95	31.72	9.13	7.99	8.9	3.190	97.1
260	2/11/2013 2:31:33	9.16	48.77	31.59	9.12	7.99	13.4	3.082	97.1
261	2/11/2013 2:46:34	9.16	48.70	31.55	9.10	7.99	8.7	2.987	96.9
262	2/11/2013 3:01:34	9.14	48.90	31.69	9.08	7.98	7.6	2.873	96.7
263	2/11/2013 3:16:34	9.18	48.65	31.51	9.07	7.99	7.6	2.751	96.6
264	2/11/2013 3:31:34	9.23	47.90	30.98	9.16	8.01	11.5	2.649	97.3

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	2/11/2013 3:46:34	9.10	48.51	31.40	9.09	7.99	6.5	2.557	96.5
266	2/11/2013 4:01:33	9.20	47.59	30.75	9.16	8.01	9.8	2.438	97.1
267	2/11/2013 4:16:33	9.17	47.42	30.62	9.12	8.01	8.0	2.331	96.5
268	2/11/2013 4:31:33	9.08	47.60	30.75	9.09	8.00	7.7	2.201	96.0
269	2/11/2013 4:46:34	9.09	46.93	30.27	9.13	8.01	7.9	2.104	96.2
270	2/11/2013 5:01:34	9.05	46.91	30.25	9.10	8.01	7.6	2.007	95.8
271	2/11/2013 5:16:34	9.05	46.80	30.18	9.11	8.01	7.4	1.925	95.9
272	2/11/2013 5:31:33	9.09	46.72	30.12	9.11	8.02	7.4	1.842	95.9
273	2/11/2013 5:46:33	9.12	46.64	30.07	9.12	8.02	7.0	1.785	96.0
274	2/11/2013 6:01:33	9.10	46.58	30.03	9.09	8.02	6.3	1.740	95.7
275	2/11/2013 6:16:34	9.15	46.57	30.02	9.10	8.03	6.0	1.736	95.9
276	2/11/2013 6:31:33	9.09	46.60	30.03	9.09	8.02	6.0	1.751	95.6
277	2/11/2013 6:46:33	9.11	46.60	30.04	9.07	8.02	5.8	1.732	95.4
278	2/11/2013 7:01:33	9.10	46.60	30.03	9.10	8.02	6.2	1.837	95.8
279	2/11/2013 7:16:33	9.14	46.63	30.06	9.13	8.02	6.8	1.903	96.2
280	2/11/2013 7:31:33	9.01	46.19	29.73	9.12	8.01	7.9	1.993	95.6
281	2/11/2013 7:46:33	8.98	46.08	29.65	9.14	8.01	7.2	2.119	95.7
282	2/11/2013 8:01:33	9.01	46.31	29.82	9.13	8.01	7.8	2.214	95.7
283	2/11/2013 8:16:33	9.11	46.75	30.14	9.09	8.01	7.3	2.321	95.7
284	2/11/2013 8:31:33	9.11	47.11	30.40	9.09	8.00	6.7	2.418	95.9
285	2/11/2013 8:46:33	9.19	47.79	30.90	9.06	8.00	7.6	2.498	96.0
286	2/11/2013 9:01:33	9.22	48.03	31.07	9.09	8.00	7.0	2.586	96.5
287	2/11/2013 9:16:34	9.22	48.15	31.16	9.10	8.00	7.6	2.695	96.7
288	2/11/2013 9:31:34	9.23	48.23	31.21	9.09	7.99	7.7	2.781	96.6
289	2/11/2013 9:46:34	9.20	48.46	31.37	9.10	7.99	9.5	2.882	96.8
290	2/11/2013 10:01:34	9.17	48.62	31.49	9.09	7.98	11.1	2.958	96.7
291	2/11/2013 10:16:33	9.13	48.86	31.66	9.10	7.98	14.1	3.052	96.8
292	2/11/2013 10:31:33	9.05	49.18	31.88	9.11	7.96	14.8	3.152	96.9
293	2/11/2013 10:46:33	9.03	49.42	32.06	9.10	7.95	12.6	3.254	96.9
294	2/11/2013 11:01:33	8.98	49.74	32.28	9.09	7.94	14.2	3.362	96.8
295	2/11/2013 11:16:33	8.91	50.16	32.58	9.07	7.92	14.9	3.461	96.6
296	2/11/2013 11:31:33	8.91	50.34	32.70	9.07	7.92	12.5	3.555	96.7
297	2/11/2013 11:46:33	8.90	50.42	32.76	9.00	7.91	10.3	3.601	96.0
298	2/11/2013 12:01:33	8.82	50.68	32.94	8.93	7.90	10.6	3.675	95.1
299	2/11/2013 12:16:33	8.81	50.75	32.99	8.81	7.90	7.2	3.731	93.9
300	2/11/2013 12:31:33	8.82	50.78	33.02	8.80	7.89	6.9	3.749	93.8
301	2/11/2013 12:46:33	8.86	50.66	32.94	8.90	7.90	8.2	3.754	94.9
302	2/11/2013 13:01:33	8.87	50.70	32.96	8.87	7.90	11.1	3.718	94.6
303	2/11/2013 13:16:33	8.87	50.76	33.01	8.82	7.89	10.5	3.658	94.1
304	2/11/2013 13:31:33	9.39	49.87	32.41	9.56	7.97	8.0	3.598	102.8
305	2/11/2013 13:46:33	9.49	49.62	32.23	9.48	7.98	6.7	3.495	102.1
306	2/11/2013 14:01:34	9.47	49.72	32.30	9.34	7.96	7.2	3.371	100.6
307	2/11/2013 14:16:34	9.45	49.60	32.21	9.42	7.97	6.8	3.243	101.4
308	2/11/2013 14:31:33	9.47	49.49	32.14	9.56	7.99	6.7	3.093	102.8
309	2/11/2013 14:46:34	9.62	49.08	31.85	9.62	8.01	6.2	2.984	103.6
310	2/11/2013 15:01:34	9.67	48.85	31.69	9.70	8.02	6.7	2.846	104.5
311	2/11/2013 15:16:34	9.66	48.95	31.76	9.74	8.02	7.2	2.741	104.9
312	2/11/2013 15:31:33	9.82	48.65	31.56	9.77	8.03	6.1	2.592	105.5
313	2/11/2013 15:46:33	9.84	48.31	31.31	10.00	8.06	6.6	2.464	107.8
314	2/11/2013 16:01:33	9.89	48.16	31.21	10.01	8.07	6.4	2.307	108.0
315	2/11/2013 16:16:34	9.92	47.90	31.02	10.37	8.09	6.3	2.179	111.8
316	2/11/2013 16:31:33	9.97	47.66	30.86	10.37	8.10	7.5	2.031	111.8
317	2/11/2013 16:46:34	10.02	47.74	30.91	10.35	8.12	7.3	1.882	111.8

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
318	2/11/2013 17:01:34	10.00	47.46	30.71	10.48	8.13	7.5	1.697	113.0
319	2/11/2013 17:16:33	10.00	47.27	30.57	10.38	8.12	8.2	1.547	111.8
320	2/11/2013 17:31:33	10.02	47.04	30.41	10.37	8.12	7.0	1.443	111.6
321	2/11/2013 17:46:33	10.03	46.99	30.38	10.39	8.13	7.0	1.332	111.8
322	2/11/2013 18:01:33	10.06	46.78	30.23	10.42	8.13	6.2	1.263	112.1
323	2/11/2013 18:16:33	10.10	46.60	30.10	10.45	8.14	6.4	1.150	112.5
324	2/11/2013 18:31:34	10.03	46.68	30.15	10.40	8.13	6.0	1.139	111.8
325	2/11/2013 18:46:34	10.06	46.68	30.16	10.39	8.13	5.4	1.146	111.7
326	2/11/2013 19:01:34	10.05	46.67	30.15	10.41	8.13	5.4	1.194	111.9
327	2/11/2013 19:16:33	10.04	46.70	30.17	10.41	8.13	6.3	1.312	112.0
328	2/11/2013 19:31:33	10.01	46.70	30.17	10.42	8.13	6.5	1.386	111.9
329	2/11/2013 19:46:33	9.99	46.45	29.99	10.34	8.12	6.4	1.475	110.9
330	2/11/2013 20:01:33	9.94	45.94	29.62	10.26	8.11	6.7	1.561	109.7
331	2/11/2013 20:16:33	9.95	45.93	29.61	10.20	8.10	5.9	1.653	109.1
332	2/11/2013 20:31:33	9.99	46.50	30.03	10.21	8.10	5.5	1.756	109.5
333	2/11/2013 20:46:33	9.99	46.58	30.08	10.18	8.10	5.7	1.862	109.3
334	2/11/2013 21:01:33	9.97	46.81	30.24	10.11	8.09	5.9	1.963	108.5
335	2/11/2013 21:16:33	9.90	47.14	30.47	9.90	8.07	5.9	2.068	106.3
336	2/11/2013 21:31:33	9.84	47.28	30.57	9.79	8.05	7.0	2.211	105.0
337	2/11/2013 21:46:33	9.77	47.47	30.71	9.67	8.04	6.4	2.305	103.7
338	2/11/2013 22:01:33	9.74	47.72	30.88	9.64	8.04	7.8	2.424	103.4
339	2/11/2013 22:16:33	9.73	47.79	30.93	9.62	8.03	8.2	2.530	103.3
340	2/11/2013 22:31:33	9.67	48.06	31.12	9.52	8.02	8.6	2.645	102.2
341	2/11/2013 22:46:34	9.63	48.25	31.25	9.45	8.01	9.6	2.733	101.4
342	2/11/2013 23:01:34	9.59	48.43	31.38	9.40	8.00	12.2	2.868	100.9
343	2/11/2013 23:16:34	9.51	48.69	31.56	9.35	7.98	13.0	2.963	100.3
344	2/11/2013 23:31:34	9.42	49.15	31.89	9.24	7.96	14.5	3.071	99.1
345	2/11/2013 23:46:33	9.30	49.58	32.19	9.20	7.95	17.2	3.191	98.6
346	2/12/2013 0:01:33	9.17	49.91	32.42	9.14	7.93	14.5	3.253	97.8
347	2/12/2013 0:16:33	9.04	50.24	32.64	9.05	7.92	12.8	3.343	96.7
348	2/12/2013 0:31:34	8.95	50.50	32.83	8.90	7.90	13.4	3.427	95.0
349	2/12/2013 0:46:34	8.89	50.62	32.91	8.75	7.89	10.4	3.503	93.4
350	2/12/2013 1:01:33	8.84	50.78	33.02	8.73	7.88	9.0	3.578	93.1
351	2/12/2013 1:16:33	8.83	50.84	33.06	8.65	7.88	7.0	3.620	92.2
352	2/12/2013 1:31:34	8.91	50.55	32.86	8.72	7.90	6.4	3.615	93.1
353	2/12/2013 1:46:34	8.87	50.72	32.98	8.74	7.88	9.9	3.599	93.2
354	2/12/2013 2:01:34	8.83	50.85	33.07	8.71	7.88	9.8	3.564	92.9
355	2/12/2013 2:16:33	8.94	50.25	32.64	8.84	7.91	9.8	3.502	94.3
356	2/12/2013 2:31:34	9.03	49.75	32.29	8.94	7.92	10.6	3.392	95.3
357	2/12/2013 2:46:34	9.07	49.40	32.04	9.10	7.95	8.9	3.321	97.0
358	2/12/2013 3:01:33	9.15	49.22	31.92	9.12	7.96	8.3	3.209	97.3
359	2/12/2013 3:16:34	9.15	49.29	31.97	9.10	7.95	7.5	3.099	97.1
360	2/12/2013 3:31:33	9.14	49.27	31.96	9.10	7.95	7.0	2.977	97.1
361	2/12/2013 3:46:33	9.18	48.96	31.74	9.12	7.96	6.5	2.852	97.2
362	2/12/2013 4:01:34	9.13	49.10	31.83	9.17	7.95	6.8	2.770	97.7
363	2/12/2013 4:16:34	9.23	48.24	31.22	9.30	7.99	6.7	2.641	98.9
364	2/12/2013 4:31:34	9.17	48.37	31.31	9.20	7.98	6.3	2.531	97.7
365	2/12/2013 4:46:34	9.12	48.26	31.23	9.27	7.99	6.5	2.429	98.3
366	2/12/2013 5:01:34	9.00	48.15	31.14	9.26	7.98	6.4	2.306	97.9
367	2/12/2013 5:16:34	9.15	47.44	30.64	9.37	8.01	6.4	2.173	99.1
368	2/12/2013 5:31:33	9.01	47.35	30.57	9.33	8.01	6.4	2.079	98.3
369	2/12/2013 5:46:33	9.08	47.29	30.53	9.35	8.01	6.1	1.975	98.7
370	2/12/2013 6:01:33	9.11	47.09	30.39	9.36	8.02	6.2	1.887	98.7

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	2/12/2013 6:16:34	9.13	47.14	30.42	9.43	8.03	5.9	1.772	99.6
372	2/12/2013 6:31:34	9.17	47.04	30.35	9.42	8.04	5.6	1.741	99.5
373	2/12/2013 6:46:33	9.13	46.98	30.31	9.44	8.04	5.3	1.649	99.6
374	2/12/2013 7:01:34	9.17	46.87	30.24	9.43	8.04	5.1	1.643	99.6
375	2/12/2013 7:16:34	9.14	46.96	30.30	9.37	8.04	4.5	1.678	98.9
376	2/12/2013 7:31:33	9.18	46.95	30.29	9.42	8.04	5.0	1.696	99.5
377	2/12/2013 7:46:34	9.21	46.98	30.32	9.42	8.03	4.6	1.733	99.5
378	2/12/2013 8:01:34	9.19	47.00	30.33	9.40	8.03	4.9	1.830	99.3
379	2/12/2013 8:16:33	9.06	46.62	30.05	9.37	8.02	6.0	1.927	98.5
380	2/12/2013 8:31:34	9.00	46.46	29.93	9.35	8.01	5.4	2.019	98.1
381	2/12/2013 8:46:34	9.01	46.49	29.96	9.34	8.01	5.5	2.116	98.0
382	2/12/2013 9:01:33	9.08	46.72	30.12	9.33	8.01	5.6	2.234	98.1
383	2/12/2013 9:16:33	9.18	47.15	30.44	9.29	8.01	5.4	2.312	98.1
384	2/12/2013 9:31:34	9.22	47.75	30.86	9.20	7.99	5.4	2.413	97.6
385	2/12/2013 9:46:33	9.27	47.98	31.03	9.20	7.99	5.7	2.508	97.8
386	2/12/2013 10:01:33	9.33	48.24	31.23	9.20	7.99	5.7	2.598	98.0
387	2/12/2013 10:16:34	9.33	48.31	31.27	9.21	7.98	5.8	2.676	98.2
388	2/12/2013 10:31:34	9.32	48.40	31.34	9.21	7.98	6.0	2.759	98.2
389	2/12/2013 10:46:33	9.31	48.57	31.46	9.21	7.98	6.9	2.867	98.2
390	2/12/2013 11:01:34	9.27	48.78	31.61	9.17	7.96	7.5	2.945	97.9
391	2/12/2013 11:16:34	9.25	48.96	31.73	9.14	7.96	8.6	3.016	97.6
392	2/12/2013 11:31:34	9.15	49.21	31.91	9.12	7.94	9.8	3.117	97.2
393	2/12/2013 11:46:34	9.14	49.41	32.05	9.09	7.94	9.0	3.229	96.9
394	2/12/2013 12:01:34	9.00	49.70	32.25	9.03	7.92	11.3	3.291	96.2
395	2/12/2013 12:16:34	8.97	49.96	32.43	9.02	7.91	11.1	3.402	96.1
396	2/12/2013 12:31:34	8.92	50.20	32.61	8.99	7.90	11.7	3.464	95.8
397	2/12/2013 12:46:33	8.90	50.39	32.74	8.97	7.89	9.5	3.513	95.6
398	2/12/2013 13:01:33	8.85	50.56	32.86	8.86	7.88	8.4	3.565	94.4
399	2/12/2013 13:16:33	8.87	50.55	32.85	8.82	7.88	6.0	3.601	94.0
400	2/12/2013 13:31:33	8.92	50.47	32.80	8.86	7.89	6.7	3.607	94.5
401	2/12/2013 13:46:33	8.87	50.61	32.90	8.86	7.88	7.8	3.546	94.5
402	2/12/2013 14:01:33	9.08	50.26	32.66	9.04	7.91	18.9	3.496	96.7
403	2/12/2013 14:16:33	9.31	49.95	32.45	9.22	7.93	28.3	3.434	99.0
404	2/12/2013 14:31:34	9.36	49.92	32.44	9.20	7.93	31.0	3.348	98.9
405	2/12/2013 14:46:34	9.39	49.83	32.38	9.20	7.93	38.4	3.237	98.9
406	2/12/2013 15:01:34	9.44	49.82	32.37	9.22	7.93	52.4	3.119	99.2
407	2/12/2013 15:16:34	9.55	49.65	32.26	9.24	7.94	56.2	3.026	99.6
408	2/12/2013 15:31:34	9.68	49.44	32.11	9.22	7.95	59.8	2.893	99.6
409	2/12/2013 15:46:33	9.71	48.98	31.78	9.18	7.96	82.5	2.781	99.1
410	2/12/2013 16:01:33	9.77	48.94	31.76	9.21	7.97	67.7	2.653	99.5
411	2/12/2013 16:16:33	9.79	48.63	31.54	9.34	7.98	49.9	2.528	100.7
412	2/12/2013 16:31:33	9.90	48.29	31.30	9.45	8.01	39.8	2.388	102.0
413	2/12/2013 16:46:33	9.95	48.01	31.10	9.56	8.03	37.7	2.265	103.2
414	2/12/2013 17:01:33	9.96	47.86	31.00	9.56	8.04	40.8	2.137	103.2
415	2/12/2013 17:16:33	9.96	47.79	30.94	9.55	8.04	41.9	2.009	103.0
416	2/12/2013 17:31:33	9.95	47.72	30.89	9.55	8.04	41.1	1.859	102.9
417	2/12/2013 17:46:33	9.91	47.76	30.92	9.49	8.04	35.5	1.743	102.3
418	2/12/2013 18:01:33	9.90	47.65	30.84	9.46	8.04	31.9	1.605	101.8
419	2/12/2013 18:16:33	9.92	47.51	30.74	9.46	8.04	31.8	1.489	101.8
420	2/12/2013 18:31:33	9.94	47.37	30.64	9.46	8.04	30.5	1.404	101.8
421	2/12/2013 18:46:33	9.98	47.22	30.54	9.50	8.06	29.1	1.328	102.2
422	2/12/2013 19:01:33	10.01	47.11	30.46	9.48	8.07	23.9	1.307	102.1
423	2/12/2013 19:16:33	9.92	47.29	30.58	9.37	8.05	22.2	1.309	100.7

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	2/12/2013 19:31:33	10.09	46.90	30.32	9.61	8.09	25.1	1.334	103.5
425	2/12/2013 19:46:33	10.06	46.94	30.35	9.63	8.09	22.8	1.414	103.7
426	2/12/2013 20:01:33	10.15	46.79	30.24	9.71	8.11	21.3	1.474	104.7
427	2/12/2013 20:16:33	10.15	46.81	30.26	9.71	8.11	22.2	1.576	104.7
428	2/12/2013 20:31:33	10.11	46.73	30.19	9.63	8.09	20.8	1.663	103.7
429	2/12/2013 20:46:33	10.10	46.74	30.20	9.67	8.09	18.8	1.750	104.2
430	2/12/2013 21:01:33	10.09	46.82	30.26	9.64	8.08	18.5	1.856	103.8
431	2/12/2013 21:16:33	10.09	46.81	30.25	9.65	8.08	19.3	1.934	103.9
432	2/12/2013 21:31:33	10.03	47.13	30.48	9.59	8.06	26.4	2.043	103.3
433	2/12/2013 21:46:33	10.01	47.26	30.57	9.54	8.05	23.1	2.140	102.8
434	2/12/2013 22:01:33	9.96	47.49	30.73	9.45	8.04	17.5	2.244	101.9
435	2/12/2013 22:16:33	9.91	47.72	30.89	9.43	8.03	19.4	2.365	101.5
436	2/12/2013 22:31:33	9.88	48.05	31.12	9.39	8.01	16.8	2.450	101.2
437	2/12/2013 22:46:33	9.86	48.11	31.17	9.37	8.01	15.8	2.567	101.0
438	2/12/2013 23:01:33	9.82	48.23	31.25	9.33	8.00	23.0	2.670	100.5
439	2/12/2013 23:16:33	9.77	48.36	31.35	9.28	7.99	23.3	2.763	99.9
440	2/12/2013 23:31:33	9.72	48.49	31.44	9.24	7.98	24.8	2.869	99.5
441	2/12/2013 23:46:34	9.60	48.71	31.58	9.19	7.96	30.3	2.967	98.7
442	2/13/2013 0:01:34	9.50	49.01	31.79	9.14	7.95	22.4	3.065	98.1
443	2/13/2013 0:16:34	9.33	49.62	32.22	9.09	7.93	20.2	3.168	97.5
444	2/13/2013 0:31:34	9.26	49.93	32.44	9.08	7.92	19.1	3.270	97.3
445	2/13/2013 0:46:34	9.22	50.10	32.56	9.03	7.92	16.1	3.358	96.8
446	2/13/2013 1:01:34	9.15	50.29	32.69	8.98	7.91	13.8	3.436	96.3
447	2/13/2013 1:16:33	9.07	50.48	32.82	8.92	7.91	13.6	3.518	95.5
448	2/13/2013 1:31:33	9.03	50.55	32.87	8.91	7.90	11.2	3.569	95.3
449	2/13/2013 1:46:34	8.99	50.66	32.94	8.78	7.89	7.3	3.609	93.9
450	2/13/2013 2:01:34	8.98	50.69	32.97	8.73	7.89	6.7	3.636	93.3
451	2/13/2013 2:16:34	9.03	50.54	32.86	8.85	7.90	8.9	3.635	94.7
452	2/13/2013 2:31:33	8.97	50.69	32.96	8.80	7.89	9.4	3.601	94.1
453	2/13/2013 2:46:33	9.23	49.39	32.04	8.97	7.93	13.7	3.549	95.9
454	2/13/2013 3:01:34	9.15	50.01	32.49	8.90	7.91	15.9	3.467	95.2
455	2/13/2013 3:16:34	9.28	49.51	32.14	9.01	7.94	9.7	3.369	96.5
456	2/13/2013 3:31:34	9.28	49.61	32.21	8.99	7.93	10.1	3.260	96.3
457	2/13/2013 3:46:34	9.32	49.55	32.17	8.99	7.93	10.8	3.155	96.3
458	2/13/2013 4:01:34	9.33	49.57	32.19	8.97	7.93	8.4	3.040	96.2
459	2/13/2013 4:16:34	9.40	49.26	31.96	8.98	7.94	8.6	2.919	96.3
460	2/13/2013 4:31:34	9.36	49.43	32.08	8.97	7.93	8.4	2.833	96.2
461	2/13/2013 4:46:34	9.35	49.25	31.95	9.02	7.94	9.9	2.715	96.7
462	2/13/2013 5:01:34	9.53	48.43	31.38	9.10	7.97	12.0	2.583	97.5
463	2/13/2013 5:16:34	9.42	48.67	31.55	9.00	7.96	9.8	2.475	96.3
464	2/13/2013 5:31:34	9.45	48.34	31.30	9.00	7.97	10.6	2.367	96.3
465	2/13/2013 5:46:34	9.43	48.19	31.19	9.03	7.97	10.1	2.245	96.4
466	2/13/2013 6:01:34	9.57	47.60	30.78	9.08	8.00	10.6	2.136	97.0
467	2/13/2013 6:16:34	9.55	47.48	30.70	9.06	8.00	10.8	2.030	96.7
468	2/13/2013 6:31:34	9.55	47.47	30.69	9.03	8.00	10.8	1.927	96.4
469	2/13/2013 6:46:34	9.53	47.42	30.65	8.99	8.00	14.8	1.820	95.9
470	2/13/2013 7:01:34	9.63	47.32	30.59	9.01	8.01	10.8	1.759	96.2
471	2/13/2013 7:16:34	9.64	47.24	30.53	8.97	8.01	12.0	1.689	95.8
472	2/13/2013 7:31:34	9.64	47.17	30.48	8.94	8.01	10.9	1.638	95.5
473	2/13/2013 7:46:34	9.66	47.13	30.45	8.95	8.02	9.1	1.644	95.6
474	2/13/2013 8:01:34	9.63	47.19	30.49	8.91	8.01	9.2	1.662	95.2
475	2/13/2013 8:16:34	9.66	47.19	30.49	8.97	8.02	8.5	1.676	95.8
476	2/13/2013 8:31:34	9.66	47.21	30.51	9.01	8.02	9.0	1.734	96.3

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	2/13/2013 8:46:34	9.64	47.17	30.48	9.05	8.02	9.8	1.818	96.7
478	2/13/2013 9:01:34	9.57	46.85	30.25	9.04	8.01	8.9	1.898	96.3
479	2/13/2013 9:16:34	9.58	46.89	30.28	9.01	8.00	8.7	1.981	96.0
480	2/13/2013 9:31:34	9.57	46.82	30.23	8.99	8.00	8.8	2.073	95.7
481	2/13/2013 9:46:34	9.59	47.00	30.36	8.97	8.00	8.8	2.163	95.6
482	2/13/2013 10:01:34	9.59	47.46	30.68	8.96	7.99	9.3	2.248	95.7
483	2/13/2013 10:16:34	9.59	47.59	30.78	8.97	7.98	8.2	2.329	95.9
484	2/13/2013 10:31:34	9.57	48.04	31.10	8.95	7.97	8.1	2.420	95.9
485	2/13/2013 10:46:34	9.59	48.28	31.28	8.99	7.97	8.7	2.505	96.4
486	2/13/2013 11:01:34	9.60	48.47	31.41	9.00	7.97	7.8	2.584	96.6
487	2/13/2013 11:16:34	9.60	48.54	31.46	8.97	7.96	7.8	2.669	96.3
488	2/13/2013 11:31:34	9.60	48.58	31.49	8.99	7.96	8.6	2.747	96.5
489	2/13/2013 11:46:34	9.56	48.72	31.59	8.99	7.96	8.6	2.828	96.5
490	2/13/2013 12:01:34	9.54	48.90	31.72	9.00	7.95	9.9	2.913	96.6
491	2/13/2013 12:16:34	9.52	49.00	31.78	8.97	7.95	10.1	2.985	96.4
492	2/13/2013 12:31:34	9.49	49.15	31.89	8.98	7.94	10.9	3.065	96.5
493	2/13/2013 12:46:34	9.43	49.36	32.04	9.00	7.93	11.7	3.139	96.6
494	2/13/2013 13:01:34	9.39	49.54	32.17	8.99	7.92	10.4	3.203	96.5
495	2/13/2013 13:16:34	9.32	49.72	32.29	8.93	7.92	9.7	3.273	95.8
496	2/13/2013 13:31:33	9.21	50.04	32.51	8.80	7.90	9.1	3.320	94.4
497	2/13/2013 13:46:34	9.19	50.18	32.61	8.73	7.90	6.8	3.354	93.6
498	2/13/2013 14:01:34	9.17	50.29	32.69	8.65	7.89	5.6	3.387	92.7
499	2/13/2013 14:16:34	9.27	50.08	32.54	8.72	7.90	5.5	3.383	93.6
500	2/13/2013 14:31:34	9.20	50.30	32.70	8.64	7.89	7.0	3.354	92.7
501	2/13/2013 14:46:34	9.22	50.23	32.65	8.74	7.89	9.2	3.314	93.7
502	2/13/2013 15:01:34	9.68	49.46	32.13	9.12	7.94	15.7	3.242	98.5
503	2/13/2013 15:16:34	9.92	49.27	32.01	9.41	7.98	9.5	3.170	102.1
504	2/13/2013 15:31:34	9.77	49.50	32.17	9.26	7.95	9.5	3.074	100.2
505	2/13/2013 15:46:33	9.79	49.42	32.11	9.28	7.96	10.1	2.970	100.5
506	2/13/2013 16:01:33	9.87	49.24	31.98	9.42	7.98	9.4	2.866	102.0
507	2/13/2013 16:16:33	9.97	49.13	31.91	9.67	8.01	9.1	2.770	104.9
508	2/13/2013 16:31:34	10.08	48.64	31.56	9.52	8.01	11.9	2.655	103.3
509	2/13/2013 16:46:34	10.04	48.68	31.59	9.44	8.00	11.4	2.547	102.4
510	2/13/2013 17:01:33	10.07	48.56	31.50	9.61	8.02	12.4	2.442	104.2
511	2/13/2013 17:16:33	10.12	48.50	31.47	9.79	8.06	12.8	2.324	106.3
512	2/13/2013 17:31:33	10.18	48.04	31.14	9.68	8.05	13.0	2.199	105.0
513	2/13/2013 17:46:34	10.22	47.94	31.07	9.64	8.05	13.5	2.091	104.7
514	2/13/2013 18:01:34	10.26	47.84	31.00	9.66	8.06	15.8	1.973	104.9
515	2/13/2013 18:16:34	10.26	47.80	30.97	9.63	8.08	16.4	1.863	104.5
516	2/13/2013 18:31:34	10.27	47.78	30.96	9.59	8.07	16.8	1.769	104.1
517	2/13/2013 18:46:33	10.32	47.64	30.86	9.58	8.08	17.5	1.662	104.1
518	2/13/2013 19:01:34	10.40	47.48	30.75	9.68	8.08	15.9	1.594	105.3
519	2/13/2013 19:16:34	10.38	47.51	30.77	9.55	8.07	14.7	1.529	103.9
520	2/13/2013 19:31:34	10.46	47.34	30.65	9.75	8.10	12.3	1.509	106.1
521	2/13/2013 19:46:34	10.34	47.48	30.75	9.50	8.08	11.7	1.490	103.2
522	2/13/2013 20:01:34	10.45	47.33	30.65	9.66	8.09	10.4	1.509	105.2
523	2/13/2013 20:16:34	10.48	47.30	30.62	9.75	8.09	10.3	1.552	106.1
524	2/13/2013 20:31:34	10.50	47.26	30.60	9.73	8.09	10.1	1.602	106.0
525	2/13/2013 20:46:34	10.52	47.19	30.55	9.75	8.09	11.5	1.686	106.2
526	2/13/2013 21:01:34	10.49	47.26	30.60	9.70	8.08	10.6	1.760	105.6
527	2/13/2013 21:16:34	10.51	46.98	30.40	9.69	8.08	10.4	1.853	105.4
528	2/13/2013 21:31:34	10.47	47.12	30.49	9.62	8.07	10.0	1.937	104.6
529	2/13/2013 21:46:34	10.46	47.13	30.50	9.60	8.07	9.1	2.018	104.3

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
530	2/13/2013 22:01:34	10.46	47.15	30.52	9.62	8.07	9.8	2.116	104.6
531	2/13/2013 22:16:33	10.37	47.44	30.72	9.55	8.05	9.5	2.202	103.7
532	2/13/2013 22:31:34	10.25	47.66	30.87	9.40	8.03	8.3	2.301	102.0
533	2/13/2013 22:46:33	10.18	47.83	30.99	9.33	8.02	8.9	2.394	101.2
534	2/13/2013 23:01:33	10.13	48.05	31.15	9.31	8.01	9.6	2.487	101.0
535	2/13/2013 23:16:33	10.06	48.30	31.32	9.29	8.00	9.1	2.588	100.7
536	2/13/2013 23:31:33	10.03	48.39	31.38	9.27	7.99	10.8	2.679	100.4
537	2/13/2013 23:46:33	9.99	48.53	31.48	9.26	7.99	10.8	2.770	100.3
538	2/14/2013 0:01:33	9.94	48.69	31.59	9.22	7.98	11.1	2.862	99.8
539	2/14/2013 0:16:33	9.88	48.85	31.70	9.17	7.97	12.7	2.951	99.2
540	2/14/2013 0:31:34	9.71	49.11	31.88	9.08	7.95	15.9	3.045	98.0
541	2/14/2013 0:46:34	9.63	49.36	32.06	9.01	7.93	17.2	3.131	97.1
542	2/14/2013 1:01:34	9.44	49.88	32.41	8.84	7.91	22.8	3.231	95.2
543	2/14/2013 1:16:34	9.31	50.21	32.65	8.71	7.90	15.0	3.314	93.6
544	2/14/2013 1:31:33	9.24	50.40	32.77	8.65	7.90	12.8	3.389	92.9
545	2/14/2013 1:46:34	9.19	50.55	32.88	8.58	7.89	12.1	3.461	92.1
546	2/14/2013 2:01:34	9.13	50.63	32.94	8.52	7.89	7.9	3.530	91.4
547	2/14/2013 2:16:34	9.10	50.70	32.98	8.54	7.88	7.7	3.572	91.6
548	2/14/2013 2:31:34	9.07	50.74	33.01	8.44	7.88	5.8	3.601	90.4
549	2/14/2013 2:46:34	9.22	50.38	32.76	8.55	7.89	7.5	3.607	91.8
550	2/14/2013 3:01:34	9.11	50.67	32.96	8.52	7.88	8.3	3.592	91.3
551	2/14/2013 3:16:33	9.18	50.39	32.76	8.57	7.89	10.8	3.543	91.9
552	2/14/2013 3:31:34	9.25	50.24	32.66	8.58	7.89	10.9	3.474	92.2
553	2/14/2013 3:46:34	9.49	49.37	32.05	8.81	7.93	10.1	3.374	94.7
554	2/14/2013 4:01:34	9.51	49.46	32.12	8.80	7.92	7.2	3.287	94.7
555	2/14/2013 4:16:34	9.54	49.38	32.06	8.79	7.93	7.0	3.192	94.7
556	2/14/2013 4:31:34	9.54	49.38	32.06	8.78	7.93	6.6	3.081	94.5
557	2/14/2013 4:46:34	9.54	49.29	32.00	8.81	7.93	6.5	2.991	94.8
558	2/14/2013 5:01:34	9.60	49.08	31.85	8.82	7.94	6.8	2.879	94.9
559	2/14/2013 5:16:34	9.59	49.06	31.83	8.85	7.94	7.1	2.768	95.3
560	2/14/2013 5:31:34	9.61	48.92	31.74	8.91	7.95	7.7	2.662	95.9
561	2/14/2013 5:46:34	9.82	48.32	31.32	9.04	7.98	9.7	2.559	97.4
562	2/14/2013 6:01:34	9.57	48.77	31.62	8.95	7.95	6.8	2.443	96.1
563	2/14/2013 6:16:34	9.65	48.49	31.43	8.90	7.96	7.8	2.335	95.7
564	2/14/2013 6:31:34	9.61	48.23	31.24	8.84	7.97	7.5	2.223	94.8
565	2/14/2013 6:46:34	9.75	47.81	30.95	8.89	7.99	7.4	2.112	95.4
566	2/14/2013 7:01:34	9.74	47.75	30.90	8.93	7.99	7.3	2.007	95.9
567	2/14/2013 7:16:34	9.79	47.68	30.86	8.96	8.00	7.5	1.894	96.2
568	2/14/2013 7:31:34	9.87	47.60	30.80	9.01	8.01	6.7	1.812	96.9
569	2/14/2013 7:46:34	9.89	47.57	30.78	9.01	8.01	6.9	1.745	96.9
570	2/14/2013 8:01:34	9.93	47.45	30.70	9.01	8.02	7.2	1.680	97.0
571	2/14/2013 8:16:33	9.96	47.43	30.68	9.02	8.02	6.9	1.631	97.1
572	2/14/2013 8:31:34	10.00	47.39	30.66	8.99	8.03	6.1	1.639	96.9
573	2/14/2013 8:46:34	9.95	47.45	30.70	8.99	8.02	5.8	1.656	96.8
574	2/14/2013 9:01:33	9.99	47.44	30.69	9.02	8.03	5.4	1.657	97.2
575	2/14/2013 9:16:33	10.02	47.44	30.70	9.09	8.03	5.7	1.732	98.0
576	2/14/2013 9:31:34	10.05	47.41	30.68	9.09	8.02	5.9	1.788	98.1
577	2/14/2013 9:46:34	10.03	47.21	30.53	9.07	8.02	5.9	1.857	97.7
578	2/14/2013 10:01:34	10.00	47.25	30.56	9.04	8.01	5.9	1.946	97.3
579	2/14/2013 10:16:34	9.96	47.13	30.47	8.96	8.00	5.8	2.017	96.4
580	2/14/2013 10:31:34	9.95	47.20	30.52	8.94	8.00	5.5	2.092	96.2
581	2/14/2013 10:46:33	9.94	47.36	30.64	8.92	8.00	6.1	2.176	96.0
582	2/14/2013 11:01:33	9.89	47.82	30.97	8.87	7.98	5.7	2.242	95.5

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
583	2/14/2013 11:16:33	9.88	47.85	30.98	8.89	7.98	5.5	2.335	95.8
584	2/14/2013 11:31:34	9.87	48.06	31.14	8.88	7.97	5.8	2.398	95.7
585	2/14/2013 11:46:34	9.86	48.31	31.31	8.91	7.97	5.9	2.469	96.1
586	2/14/2013 12:01:34	9.88	48.53	31.47	8.97	7.96	5.4	2.547	96.9
587	2/14/2013 12:16:34	9.88	48.61	31.53	8.98	7.96	5.6	2.622	97.0
588	2/14/2013 12:31:33	9.88	48.63	31.54	8.99	7.97	5.4	2.693	97.1
589	2/14/2013 12:46:34	9.84	48.78	31.65	8.97	7.96	5.9	2.757	97.0
590	2/14/2013 13:01:34	9.82	48.88	31.72	8.95	7.95	5.9	2.824	96.7
591	2/14/2013 13:16:34	9.75	49.00	31.80	8.90	7.95	6.4	2.883	96.1
592	2/14/2013 13:31:34	9.72	49.09	31.87	8.86	7.94	6.5	2.947	95.6
593	2/14/2013 13:46:34	9.74	49.22	31.96	8.89	7.94	7.3	3.000	96.1
594	2/14/2013 14:01:33	9.73	49.32	32.03	8.84	7.93	5.6	3.049	95.6
595	2/14/2013 14:16:33	9.72	49.41	32.10	8.85	7.93	5.6	3.111	95.7
596	2/14/2013 14:31:34	9.72	49.47	32.14	8.79	7.93	4.4	3.140	95.1
597	2/14/2013 14:46:33	9.72	49.52	32.17	8.70	7.93	4.2	3.160	94.1
598	2/14/2013 15:01:33	9.78	49.50	32.17	8.88	7.94	4.4	3.180	96.2
599	2/14/2013 15:16:33	9.69	49.59	32.22	8.78	7.92	4.7	3.167	95.0
600	2/14/2013 15:31:34	9.62	49.62	32.24	8.73	7.91	5.7	3.143	94.2
601	2/14/2013 15:46:34	9.70	49.52	32.17	8.77	7.92	6.1	3.089	94.8
602	2/14/2013 16:01:34	9.78	49.42	32.11	8.85	7.93	6.8	3.028	95.8
603	2/14/2013 16:16:34	10.17	49.12	31.92	9.44	7.99	5.7	2.950	102.9
604	2/14/2013 16:31:34	10.08	49.18	31.96	9.38	7.99	6.2	2.875	102.1
605	2/14/2013 16:46:34	10.01	49.24	31.99	9.34	7.99	7.2	2.771	101.5
606	2/14/2013 17:01:33	10.02	49.17	31.94	9.44	7.99	6.6	2.683	102.6
607	2/14/2013 17:16:33	10.19	48.81	31.70	9.38	8.00	6.8	2.597	102.2
608	2/14/2013 17:31:33	10.30	48.60	31.55	9.43	8.01	7.0	2.491	102.8
609	2/14/2013 17:46:33	10.36	48.57	31.53	9.60	8.05	7.6	2.403	104.8
610	2/14/2013 18:01:34	10.47	48.12	31.22	9.78	8.06	6.6	2.311	106.9
611	2/14/2013 18:16:34	10.56	47.84	31.02	9.94	8.08	6.4	2.198	108.7
612	2/14/2013 18:31:34	10.47	47.93	31.08	9.77	8.07	5.9	2.122	106.7
613	2/14/2013 18:46:33	10.54	47.80	30.99	9.86	8.08	5.7	2.041	107.7
614	2/14/2013 19:01:33	10.60	47.73	30.94	9.96	8.10	5.5	1.945	109.0
615	2/14/2013 19:16:33	10.76	47.54	30.82	10.08	8.12	5.1	1.894	110.6
616	2/14/2013 19:31:34	10.84	47.49	30.78	10.27	8.13	4.8	1.821	112.8
617	2/14/2013 19:46:33	10.86	47.45	30.76	10.28	8.14	4.9	1.780	113.0
618	2/14/2013 20:01:33	10.92	47.37	30.70	10.29	8.14	4.5	1.750	113.2
619	2/14/2013 20:16:33	10.94	47.35	30.68	10.31	8.15	4.3	1.725	113.4
620	2/14/2013 20:31:33	10.85	47.41	30.72	10.12	8.13	4.2	1.744	111.2
621	2/14/2013 20:46:34	10.82	47.45	30.75	10.14	8.12	3.9	1.764	111.4
622	2/14/2013 21:01:34	10.79	47.47	30.76	10.05	8.11	4.1	1.799	110.2
623	2/14/2013 21:16:33	10.74	47.48	30.77	9.97	8.10	4.3	1.853	109.3
624	2/14/2013 21:31:34	10.68	47.53	30.80	9.91	8.09	4.7	1.921	108.4
625	2/14/2013 21:46:33	10.70	47.43	30.73	9.87	8.08	4.7	1.987	108.1
626	2/14/2013 22:01:34	10.66	47.50	30.78	9.78	8.07	4.5	2.064	107.0
627	2/14/2013 22:16:33	10.64	47.48	30.77	9.71	8.07	4.7	2.141	106.2
628	2/14/2013 22:31:33	10.62	47.59	30.84	9.69	8.06	4.8	2.214	106.0
629	2/14/2013 22:46:33	10.56	47.85	31.02	9.60	8.04	4.8	2.292	105.0
630	2/14/2013 23:01:33	10.49	48.01	31.14	9.48	8.03	4.9	2.380	103.6
631	2/14/2013 23:16:34	10.38	48.28	31.32	9.35	8.01	5.1	2.457	102.0
632	2/14/2013 23:31:33	10.23	48.51	31.48	9.24	7.99	4.8	2.539	100.6
633	2/14/2013 23:46:34	10.20	48.65	31.58	9.19	7.98	5.9	2.628	100.0
634	2/15/2013 0:01:34	10.18	48.69	31.60	9.17	7.98	5.4	2.702	99.8
635	2/15/2013 0:16:34	10.10	48.74	31.64	9.13	7.97	6.2	2.783	99.2

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	2/15/2013 0:31:33	9.99	49.06	31.86	9.03	7.96	7.3	2.865	98.0
637	2/15/2013 0:46:33	9.90	49.17	31.93	8.98	7.95	8.2	2.955	97.4
638	2/15/2013 1:01:33	9.78	49.36	32.07	8.88	7.93	8.4	3.033	96.1
639	2/15/2013 1:16:33	9.69	49.49	32.15	8.81	7.92	8.5	3.114	95.2
640	2/15/2013 1:31:33	9.54	49.72	32.31	8.73	7.91	8.5	3.205	94.1
641	2/15/2013 1:46:34	9.47	49.94	32.46	8.61	7.90	9.4	3.286	92.8
642	2/15/2013 2:01:34	9.29	50.32	32.72	8.40	7.87	8.6	3.356	90.3
643	2/15/2013 2:16:34	9.18	50.52	32.86	8.31	7.86	9.0	3.431	89.2
644	2/15/2013 2:31:34	9.11	50.61	32.92	8.20	7.86	7.0	3.492	88.0
645	2/15/2013 2:46:34	9.08	50.66	32.95	8.17	7.85	6.2	3.529	87.5
646	2/15/2013 3:01:34	9.05	50.72	33.00	8.03	7.85	4.7	3.556	86.0
647	2/15/2013 3:16:34	9.20	50.47	32.82	8.13	7.86	5.1	3.576	87.3
648	2/15/2013 3:31:34	9.10	50.67	32.96	8.10	7.85	6.5	3.565	86.8
649	2/15/2013 3:46:34	9.06	50.76	33.02	8.07	7.85	7.6	3.546	86.4
650	2/15/2013 4:01:34	9.27	50.15	32.59	8.36	7.88	8.3	3.478	89.8
651	2/15/2013 4:16:34	9.46	49.63	32.23	8.58	7.91	5.8	3.416	92.3
652	2/15/2013 4:31:34	9.39	49.79	32.34	8.56	7.90	5.8	3.337	92.0
653	2/15/2013 4:46:34	9.38	49.82	32.37	8.53	7.90	5.5	3.240	91.7
654	2/15/2013 5:01:34	9.48	49.65	32.25	8.60	7.91	5.1	3.147	92.6
655	2/15/2013 5:16:34	9.60	49.39	32.07	8.68	7.92	6.4	3.047	93.6
656	2/15/2013 5:31:34	9.60	49.33	32.03	8.65	7.92	4.8	2.960	93.2
657	2/15/2013 5:46:34	9.65	49.18	31.93	8.61	7.93	4.8	2.862	92.9
658	2/15/2013 6:01:34	9.61	49.22	31.95	8.67	7.92	5.3	2.761	93.4
659	2/15/2013 6:16:34	9.54	49.32	32.02	8.80	7.93	5.0	2.682	94.7
660	2/15/2013 6:31:34	9.74	48.83	31.68	8.81	7.95	4.9	2.567	95.0
661	2/15/2013 6:46:33	9.70	48.81	31.66	8.82	7.95	4.7	2.466	95.0
662	2/15/2013 7:01:33	9.62	48.76	31.62	8.82	7.95	5.0	2.374	94.9
663	2/15/2013 7:16:34	9.84	48.21	31.24	8.98	7.99	4.9	2.263	96.8
664	2/15/2013 7:31:33	9.71	48.23	31.25	8.99	7.99	4.9	2.165	96.7
665	2/15/2013 7:46:34	9.90	47.76	30.92	9.10	8.02	4.7	2.071	98.1
666	2/15/2013 8:01:34	9.91	47.71	30.88	9.09	8.02	4.7	1.974	97.9
667	2/15/2013 8:16:33	9.95	47.76	30.92	9.15	8.02	4.2	1.890	98.7
668	2/15/2013 8:31:34	10.01	47.71	30.89	9.21	8.03	3.9	1.818	99.5
669	2/15/2013 8:46:34	10.07	47.64	30.85	9.26	8.04	3.9	1.761	100.1
670	2/15/2013 9:01:33	10.12	47.57	30.80	9.30	8.05	3.6	1.724	100.6
671	2/15/2013 9:16:33	10.18	47.50	30.75	9.29	8.06	3.3	1.695	100.6
672	2/15/2013 9:31:34	10.15	47.57	30.80	9.23	8.05	3.5	1.709	99.8
673	2/15/2013 9:46:34	10.18	47.56	30.79	9.29	8.05	3.6	1.730	100.6
674	2/15/2013 10:01:34	10.17	47.59	30.81	9.27	8.04	3.2	1.766	100.3
675	2/15/2013 10:16:34	10.23	47.59	30.82	9.21	8.04	3.4	1.811	99.9
676	2/15/2013 10:31:34	10.25	47.57	30.81	9.21	8.04	3.4	1.885	99.9
677	2/15/2013 10:46:34	10.19	47.39	30.68	9.20	8.03	3.7	1.955	99.6
678	2/15/2013 11:01:34	10.19	47.50	30.75	9.15	8.03	3.5	2.010	99.1
679	2/15/2013 11:16:34	10.15	47.50	30.75	9.14	8.02	3.5	2.092	98.9
680	2/15/2013 11:31:34	10.10	47.56	30.79	9.07	8.02	3.3	2.157	98.1
681	2/15/2013 11:46:34	10.05	47.76	30.93	9.01	8.00	3.7	2.216	97.4
682	2/15/2013 12:01:34	9.97	48.11	31.18	8.92	7.99	3.6	2.281	96.3
683	2/15/2013 12:16:34	9.96	48.18	31.22	8.94	7.99	4.0	2.345	96.6
684	2/15/2013 12:31:34	9.94	48.31	31.32	8.91	7.98	3.7	2.407	96.4
685	2/15/2013 12:46:34	9.93	48.46	31.42	8.87	7.97	3.4	2.470	95.9
686	2/15/2013 13:01:33	9.98	48.54	31.48	8.90	7.97	3.7	2.535	96.4
687	2/15/2013 13:16:34	10.00	48.71	31.61	8.92	7.97	3.7	2.592	96.7
688	2/15/2013 13:31:34	9.97	48.81	31.68	8.94	7.96	3.6	2.650	96.9

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
689	2/15/2013 13:46:34	9.95	48.85	31.70	8.93	7.96	3.7	2.715	96.8
690	2/15/2013 14:01:34	9.96	48.92	31.76	8.92	7.96	3.5	2.769	96.7
691	2/15/2013 14:16:34	9.96	49.01	31.82	8.87	7.95	4.1	2.820	96.2
692	2/15/2013 14:31:33	9.88	49.14	31.91	8.78	7.94	3.7	2.874	95.1
693	2/15/2013 14:46:33	9.86	49.17	31.93	8.76	7.94	3.4	2.921	94.9
694	2/15/2013 15:01:33	9.87	49.15	31.92	8.71	7.94	3.3	2.960	94.3
695	2/15/2013 15:16:33	9.92	49.20	31.96	8.62	7.94	3.3	2.984	93.5
696	2/15/2013 15:31:33	9.93	49.27	32.01	8.55	7.93	2.9	3.028	92.8
697	2/15/2013 15:46:33	9.94	49.31	32.04	8.53	7.93	3.1	3.028	92.6
698	2/15/2013 16:01:33	9.94	49.22	31.97	8.68	7.93	3.4	3.027	94.2
699	2/15/2013 16:16:33	9.94	49.33	32.05	8.56	7.92	3.4	3.012	93.0
700	2/15/2013 16:31:33	9.95	49.29	32.03	8.58	7.92	3.6	2.971	93.1
701	2/15/2013 16:46:33	9.89	49.26	32.00	8.64	7.92	4.1	2.932	93.7
702	2/15/2013 17:01:33	10.25	48.97	31.81	9.11	7.98	3.6	2.872	99.4
703	2/15/2013 17:16:33	11.17	48.53	31.55	9.83	8.06	4.5	2.803	109.3
704	2/15/2013 17:31:33	10.73	48.74	31.67	9.52	8.03	4.2	2.737	104.9
705	2/15/2013 17:46:34	10.63	48.62	31.59	9.45	8.02	3.9	2.662	103.8
706	2/15/2013 18:01:34	10.66	48.51	31.51	9.58	8.04	4.1	2.589	105.3
707	2/15/2013 18:16:33	10.64	48.27	31.33	9.71	8.05	4.4	2.509	106.5
708	2/15/2013 18:31:33	10.56	48.56	31.53	9.74	8.06	3.7	2.438	106.8
709	2/15/2013 18:46:34	10.62	47.98	31.12	9.78	8.06	3.8	2.376	107.1
710	2/15/2013 19:01:33	10.69	47.86	31.04	9.91	8.08	3.6	2.290	108.7
711	2/15/2013 19:16:33	10.72	47.82	31.01	10.00	8.09	4.0	2.217	109.7
712	2/15/2013 19:31:34	10.74	47.75	30.96	10.01	8.09	3.4	2.169	109.9
713	2/15/2013 19:46:33	10.80	47.73	30.95	10.07	8.11	3.4	2.110	110.6
714	2/15/2013 20:01:34	10.88	47.71	30.94	10.18	8.12	3.5	2.058	112.0
715	2/15/2013 20:16:34	10.94	47.66	30.91	10.33	8.13	3.3	2.012	113.7
716	2/15/2013 20:31:34	10.98	47.58	30.85	10.34	8.14	2.9	1.995	113.9
717	2/15/2013 20:46:33	11.01	47.55	30.83	10.26	8.14	3.1	1.985	113.1
718	2/15/2013 21:01:34	10.91	47.61	30.87	10.20	8.12	3.2	1.976	112.3
719	2/15/2013 21:16:34	10.81	47.71	30.94	9.98	8.10	2.7	2.001	109.6
720	2/15/2013 21:31:33	10.78	47.71	30.94	9.89	8.10	3.4	2.022	108.6
721	2/15/2013 21:46:34	10.71	47.77	30.98	9.85	8.08	3.2	2.059	108.0
722	2/15/2013 22:01:34	10.70	47.78	30.98	9.78	8.08	3.3	2.117	107.3
723	2/15/2013 22:16:34	10.65	47.85	31.03	9.73	8.07	3.1	2.158	106.6
724	2/15/2013 22:31:34	10.67	47.82	31.01	9.75	8.07	2.9	2.223	106.8
725	2/15/2013 22:46:34	10.65	47.90	31.06	9.67	8.06	3.2	2.283	105.9
726	2/15/2013 23:01:34	10.63	47.94	31.09	9.60	8.05	3.1	2.344	105.1
727	2/15/2013 23:16:34	10.62	48.01	31.15	9.56	8.05	3.3	2.402	104.8
728	2/15/2013 23:31:34	10.57	48.24	31.30	9.41	8.02	3.1	2.474	103.0
729	2/15/2013 23:46:34	10.51	48.35	31.38	9.35	8.01	3.4	2.542	102.3
730	2/16/2013 0:01:34	10.37	48.59	31.55	9.13	7.99	3.7	2.599	99.8
731	2/16/2013 0:16:33	10.26	48.70	31.62	9.03	7.98	3.6	2.679	98.5
732	2/16/2013 0:31:34	10.17	48.83	31.71	8.98	7.97	3.7	2.750	97.8
733	2/16/2013 0:46:34	10.10	48.98	31.81	8.93	7.96	3.7	2.819	97.1
734	2/16/2013 1:01:34	10.04	49.14	31.92	8.85	7.95	4.1	2.899	96.2
735	2/16/2013 1:16:34	9.96	49.27	32.01	8.76	7.94	4.4	2.967	95.1
736	2/16/2013 1:31:34	9.87	49.38	32.09	8.72	7.93	5.1	3.054	94.5
737	2/16/2013 1:46:34	9.77	49.57	32.21	8.60	7.91	5.4	3.120	93.2
738	2/16/2013 2:01:34	9.68	49.69	32.29	8.50	7.90	6.0	3.193	91.9
739	2/16/2013 2:16:34	9.58	49.79	32.36	8.41	7.89	5.5	3.277	90.8
740	2/16/2013 2:31:34	9.46	49.97	32.48	8.32	7.88	5.7	3.337	89.7
741	2/16/2013 2:46:34	9.40	50.11	32.58	8.21	7.87	4.5	3.393	88.4

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
742	2/16/2013 3:01:34	9.34	50.26	32.69	8.12	7.86	5.1	3.444	87.4
743	2/16/2013 3:16:34	9.31	50.34	32.74	8.03	7.86	4.1	3.495	86.3
744	2/16/2013 3:31:34	9.22	50.50	32.85	7.85	7.85	3.6	3.524	84.3
745	2/16/2013 3:46:33	9.21	50.56	32.89	7.59	7.84	2.9	3.542	81.5
746	2/16/2013 4:01:34	9.20	50.60	32.92	7.78	7.84	5.7	3.545	83.6
747	2/16/2013 4:16:34	9.19	50.64	32.94	7.80	7.84	6.7	3.522	83.8
748	2/16/2013 4:31:34	9.33	50.34	32.74	8.00	7.85	6.5	3.469	86.1
749	2/16/2013 4:46:34	9.55	49.91	32.44	8.23	7.88	5.3	3.425	88.8
750	2/16/2013 5:01:34	9.70	49.58	32.21	8.38	7.90	4.3	3.363	90.6
751	2/16/2013 5:16:34	9.66	49.55	32.19	8.37	7.90	5.0	3.287	90.4
752	2/16/2013 5:31:34	9.73	49.43	32.11	8.47	7.91	4.0	3.200	91.6
753	2/16/2013 5:46:33	9.76	49.44	32.12	8.46	7.91	4.0	3.118	91.5
754	2/16/2013 6:01:33	9.83	49.29	32.02	8.48	7.92	4.0	3.033	91.8
755	2/16/2013 6:16:33	9.84	49.23	31.98	8.49	7.92	3.7	2.943	92.0
756	2/16/2013 6:31:34	9.91	49.14	31.92	8.56	7.93	3.6	2.852	92.8
757	2/16/2013 6:46:34	9.92	49.15	31.92	8.51	7.92	3.7	2.766	92.3
758	2/16/2013 7:01:34	10.10	48.77	31.66	8.80	7.96	4.9	2.680	95.6
759	2/16/2013 7:16:33	10.06	48.81	31.69	8.67	7.95	4.1	2.587	94.2
760	2/16/2013 7:31:33	10.15	48.59	31.53	8.75	7.97	4.2	2.508	95.1
761	2/16/2013 7:46:34	10.21	48.43	31.42	8.98	7.99	3.7	2.415	97.6
762	2/16/2013 8:01:34	10.22	48.37	31.38	9.03	7.99	4.0	2.306	98.2
763	2/16/2013 8:16:34	10.24	48.23	31.28	8.98	8.00	4.0	2.217	97.6
764	2/16/2013 8:31:34	10.26	48.05	31.15	9.02	8.01	4.0	2.118	98.1
765	2/16/2013 8:46:34	10.34	47.89	31.04	9.24	8.03	3.6	2.055	100.6
766	2/16/2013 9:01:33	10.43	47.74	30.94	9.29	8.05	4.1	1.959	101.3
767	2/16/2013 9:16:34	10.45	47.77	30.96	9.36	8.05	5.1	1.883	102.0
768	2/16/2013 9:31:34	10.51	47.70	30.92	9.43	8.06	3.3	1.848	102.9
769	2/16/2013 9:46:34	10.54	47.67	30.89	9.48	8.07	3.2	1.779	103.6
770	2/16/2013 10:01:34	10.57	47.65	30.88	9.48	8.08	2.9	1.782	103.6
771	2/16/2013 10:16:34	10.53	47.66	30.89	9.30	8.06	2.8	1.755	101.5
772	2/16/2013 10:31:34	10.50	47.69	30.91	9.33	8.06	2.6	1.762	101.9
773	2/16/2013 10:46:34	10.52	47.69	30.90	9.37	8.06	3.1	1.781	102.3
774	2/16/2013 11:01:34	10.49	47.71	30.92	9.33	8.05	2.9	1.820	101.8
775	2/16/2013 11:16:34	10.48	47.74	30.94	9.28	8.05	3.5	1.880	101.3
776	2/16/2013 11:31:34	10.51	47.76	30.95	9.27	8.05	2.6	1.916	101.2
777	2/16/2013 11:46:34	10.50	47.69	30.91	9.26	8.04	3.1	1.982	101.1
778	2/16/2013 12:01:34	10.50	47.72	30.93	9.19	8.04	2.6	2.019	100.3
779	2/16/2013 12:16:34	10.51	47.62	30.86	9.23	8.04	3.0	2.067	100.7
780	2/16/2013 12:31:34	10.46	47.71	30.92	9.15	8.03	2.7	2.117	99.7
781	2/16/2013 12:46:34	10.46	47.72	30.93	9.13	8.03	2.6	2.156	99.5
782	2/16/2013 13:01:34	10.47	47.64	30.87	9.18	8.03	2.6	2.209	100.1
783	2/16/2013 13:16:34	10.41	47.79	30.97	9.06	8.02	2.6	2.279	98.7
784	2/16/2013 13:31:34	10.35	48.00	31.12	8.91	8.00	2.6	2.325	97.0
785	2/16/2013 13:46:34	10.36	48.05	31.16	9.06	8.00	3.1	2.389	98.7
786	2/16/2013 14:01:34	10.33	48.17	31.24	8.99	8.00	2.9	2.420	97.9
787	2/16/2013 14:16:34	10.26	48.42	31.42	8.81	7.98	2.6	2.486	96.0
788	2/16/2013 14:31:34	10.20	48.62	31.56	8.73	7.96	2.9	2.544	95.1
789	2/16/2013 14:46:34	10.23	48.62	31.56	8.82	7.97	2.8	2.598	96.1
790	2/16/2013 15:01:34	10.16	48.82	31.70	8.79	7.96	2.8	2.643	95.7
791	2/16/2013 15:16:34	10.15	48.87	31.74	8.74	7.96	2.6	2.697	95.1
792	2/16/2013 15:31:34	10.13	48.90	31.76	8.72	7.95	2.7	2.732	94.9
793	2/16/2013 15:46:34	10.09	48.95	31.79	8.64	7.95	2.5	2.769	93.9
794	2/16/2013 16:01:34	10.09	48.96	31.80	8.53	7.95	2.4	2.802	92.8

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	2/16/2013 16:16:34	10.09	48.98	31.81	8.50	7.95	2.3	2.819	92.4
796	2/16/2013 16:31:34	10.07	49.02	31.84	8.32	7.94	2.5	2.835	90.5
797	2/16/2013 16:46:33	10.11	48.97	31.80	8.32	7.95	2.3	2.827	90.6
798	2/16/2013 17:01:33	10.06	49.05	31.86	8.33	7.93	2.0	2.830	90.6
799	2/16/2013 17:16:34	10.05	49.06	31.87	8.52	7.93	2.8	2.808	92.7
800	2/16/2013 17:31:34	10.08	49.02	31.84	8.61	7.94	2.9	2.793	93.6
801	2/16/2013 17:46:33	10.12	48.91	31.76	8.72	7.95	3.0	2.767	94.9
802	2/16/2013 18:01:34	10.19	48.78	31.67	8.83	7.97	5.3	2.729	96.2
803	2/16/2013 18:16:34	10.27	48.57	31.53	8.98	7.99	9.1	2.682	97.8
804	2/16/2013 18:31:34	10.25	48.58	31.53	8.99	8.00	10.1	2.638	97.9
805	2/16/2013 18:46:34	10.27	48.54	31.51	9.04	8.01	9.5	2.595	98.5
806	2/16/2013 19:01:34	10.24	48.53	31.50	9.00	8.00	10.7	2.543	98.0
807	2/16/2013 19:16:34	10.31	48.36	31.38	9.08	8.04	9.8	2.465	99.0
808	2/16/2013 19:31:34	10.32	48.14	31.22	9.12	8.03	9.7	2.408	99.3
809	2/16/2013 19:46:34	10.32	48.06	31.16	9.08	8.03	11.0	2.369	98.9
810	2/16/2013 20:01:34	10.33	48.09	31.18	9.13	8.03	9.9	2.300	99.4
811	2/16/2013 20:16:34	10.35	48.00	31.12	9.15	8.04	10.3	2.263	99.7
812	2/16/2013 20:31:34	10.32	48.05	31.16	9.13	8.03	10.6	2.222	99.4
813	2/16/2013 20:46:34	10.41	47.84	31.01	9.22	8.04	11.6	2.212	100.4
814	2/16/2013 21:01:34	10.43	47.80	30.98	9.21	8.05	10.6	2.182	100.4
815	2/16/2013 21:16:34	10.41	47.86	31.02	9.16	8.05	10.8	2.164	99.8
816	2/16/2013 21:31:34	10.41	47.85	31.02	9.10	8.04	10.0	2.149	99.2
817	2/16/2013 21:46:34	10.40	47.85	31.02	8.93	8.04	8.5	2.172	97.3
818	2/16/2013 22:01:33	10.38	47.86	31.02	8.99	8.04	8.6	2.168	97.9
819	2/16/2013 22:16:33	10.35	47.94	31.08	8.91	8.03	7.0	2.182	97.0
820	2/16/2013 22:31:34	10.34	47.96	31.09	8.96	8.03	6.4	2.217	97.6
821	2/16/2013 22:46:34	10.38	47.88	31.04	9.06	8.03	7.8	2.244	98.7
822	2/16/2013 23:01:34	10.37	47.90	31.05	9.02	8.03	7.7	2.288	98.2
823	2/16/2013 23:16:34	10.34	47.96	31.09	8.97	8.02	7.4	2.328	97.7
824	2/16/2013 23:31:34	10.33	48.02	31.14	8.94	8.01	6.4	2.375	97.3
825	2/16/2013 23:46:34	10.33	47.99	31.11	8.94	8.01	6.9	2.434	97.3
826	2/17/2013 0:01:34	10.32	48.03	31.14	8.91	8.00	6.7	2.466	97.0
827	2/17/2013 0:16:34	10.32	48.07	31.17	8.94	8.00	7.5	2.538	97.3
828	2/17/2013 0:31:34	10.27	48.32	31.35	8.85	7.99	6.1	2.588	96.3
829	2/17/2013 0:46:34	10.24	48.35	31.36	8.87	7.99	5.4	2.645	96.5
830	2/17/2013 1:01:34	10.15	48.48	31.46	8.79	7.98	4.9	2.709	95.5
831	2/17/2013 1:16:34	10.05	48.66	31.58	8.68	7.96	4.7	2.772	94.2
832	2/17/2013 1:31:34	9.99	48.64	31.56	8.73	7.97	4.8	2.830	94.6
833	2/17/2013 1:46:34	9.91	48.84	31.70	8.72	7.96	4.3	2.906	94.4
834	2/17/2013 2:01:34	9.82	49.15	31.92	8.55	7.93	3.7	2.970	92.5
835	2/17/2013 2:16:34	9.70	49.60	32.23	8.30	7.90	3.7	3.023	89.7
836	2/17/2013 2:31:34	9.64	49.72	32.32	8.25	7.89	3.9	3.092	89.2
837	2/17/2013 2:46:34	9.64	49.71	32.31	8.26	7.89	3.9	3.139	89.2
838	2/17/2013 3:01:34	9.55	49.83	32.39	8.27	7.89	4.5	3.208	89.2
839	2/17/2013 3:16:34	9.51	49.91	32.44	8.25	7.88	4.0	3.262	89.0
840	2/17/2013 3:31:34	9.48	49.95	32.47	8.20	7.88	4.0	3.301	88.4
841	2/17/2013 3:46:34	9.46	49.97	32.48	8.20	7.88	3.4	3.357	88.3
842	2/17/2013 4:01:34	9.44	49.98	32.49	8.19	7.88	3.4	3.369	88.2
843	2/17/2013 4:16:34	9.43	50.00	32.50	8.10	7.87	3.0	3.389	87.2
844	2/17/2013 4:31:34	9.48	49.91	32.44	8.19	7.88	3.4	3.406	88.3
845	2/17/2013 4:46:34	9.47	49.93	32.46	8.21	7.88	4.2	3.396	88.5
846	2/17/2013 5:01:34	9.40	50.02	32.51	8.24	7.87	4.8	3.392	88.7
847	2/17/2013 5:16:34	9.42	50.01	32.51	8.25	7.87	5.1	3.349	88.8

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
848	2/17/2013 5:31:34	9.46	49.95	32.47	8.22	7.88	6.2	3.297	88.6
849	2/17/2013 5:46:34	9.49	49.38	32.06	8.36	7.91	5.4	3.242	89.9
850	2/17/2013 6:01:34	9.46	49.61	32.22	8.30	7.89	4.6	3.173	89.2
851	2/17/2013 6:16:34	9.43	49.62	32.22	8.29	7.90	3.9	3.110	89.1
852	2/17/2013 6:31:34	9.44	49.52	32.15	8.35	7.91	4.0	3.023	89.7
853	2/17/2013 6:46:34	9.52	49.36	32.05	8.36	7.92	4.0	2.955	90.0
854	2/17/2013 7:01:34	9.59	49.18	31.92	8.40	7.92	4.0	2.893	90.5
855	2/17/2013 7:16:34	9.65	49.03	31.82	8.46	7.93	4.7	2.794	91.1
856	2/17/2013 7:31:34	9.71	48.88	31.71	8.46	7.94	4.5	2.730	91.2
857	2/17/2013 7:46:34	9.68	48.86	31.69	8.48	7.94	4.3	2.649	91.3
858	2/17/2013 8:01:34	9.67	48.79	31.64	8.54	7.95	6.4	2.554	91.9
859	2/17/2013 8:16:34	9.59	48.86	31.69	8.61	7.95	4.8	2.500	92.5
860	2/17/2013 8:31:34	9.80	48.39	31.36	8.73	7.98	5.6	2.395	94.1
861	2/17/2013 8:46:34	9.77	48.41	31.38	8.82	7.99	5.0	2.322	95.1
862	2/17/2013 9:01:34	9.71	48.55	31.48	8.97	7.99	5.2	2.232	96.6
863	2/17/2013 9:16:34	9.77	48.49	31.44	9.16	8.01	5.5	2.138	98.7
864	2/17/2013 9:31:34	9.86	48.34	31.34	9.27	8.04	5.4	2.064	100.1
865	2/17/2013 9:46:34	9.95	48.16	31.21	9.31	8.05	5.5	1.979	100.5
866	2/17/2013 10:01:34	10.02	48.03	31.12	9.34	8.07	5.6	1.926	101.0
867	2/17/2013 10:16:34	10.06	47.93	31.06	9.37	8.08	5.6	1.853	101.3
868	2/17/2013 10:31:34	10.11	47.88	31.02	9.41	8.09	5.4	1.820	101.9
869	2/17/2013 10:46:34	10.15	47.82	30.98	9.34	8.10	4.9	1.785	101.2
870	2/17/2013 11:01:34	10.13	47.83	30.99	9.36	8.09	4.7	1.759	101.4
871	2/17/2013 11:16:34	10.20	47.80	30.97	9.14	8.09	4.2	1.752	99.1
872	2/17/2013 11:31:34	10.10	47.88	31.02	9.15	8.07	3.4	1.741	99.1
873	2/17/2013 11:46:34	10.11	47.91	31.04	9.17	8.08	4.4	1.765	99.3
874	2/17/2013 12:01:34	10.10	47.93	31.05	9.12	8.07	3.5	1.778	98.8
875	2/17/2013 12:16:34	10.09	47.94	31.06	9.11	8.07	4.3	1.798	98.6
876	2/17/2013 12:31:33	10.07	47.90	31.03	9.06	8.06	4.2	1.840	98.1
877	2/17/2013 12:46:34	10.11	47.96	31.08	9.08	8.06	3.9	1.869	98.4
878	2/17/2013 13:01:34	10.08	48.00	31.11	9.02	8.05	4.0	1.922	97.6
879	2/17/2013 13:16:34	10.06	48.03	31.12	8.92	8.04	3.9	1.967	96.5
880	2/17/2013 13:31:34	10.20	47.83	30.99	9.07	8.05	4.4	2.021	98.3
881	2/17/2013 13:46:34	10.16	47.88	31.02	9.00	8.05	4.3	2.064	97.5
882	2/17/2013 14:01:34	10.13	47.92	31.05	8.93	8.04	4.0	2.108	96.7
883	2/17/2013 14:16:34	10.06	47.99	31.10	8.79	8.03	3.9	2.178	95.1
884	2/17/2013 14:31:34	10.05	48.06	31.14	8.78	8.02	3.6	2.215	95.0
885	2/17/2013 14:46:34	9.97	48.11	31.18	8.62	8.00	3.5	2.264	93.1
886	2/17/2013 15:01:34	9.86	48.45	31.42	8.50	7.97	3.2	2.313	91.8
887	2/17/2013 15:16:34	9.85	48.58	31.51	8.37	7.96	2.9	2.367	90.4
888	2/17/2013 15:31:34	9.84	48.69	31.58	8.34	7.95	2.6	2.414	90.1
889	2/17/2013 15:46:34	9.88	48.69	31.58	8.50	7.96	2.8	2.454	91.9
890	2/17/2013 16:01:34	9.87	48.78	31.65	8.43	7.95	3.4	2.499	91.1
891	2/17/2013 16:16:34	9.88	48.78	31.65	8.48	7.96	3.1	2.542	91.7
892	2/17/2013 16:31:34	9.94	48.68	31.58	8.58	7.96	3.6	2.584	92.9
893	2/17/2013 16:46:34	9.86	48.88	31.72	8.39	7.94	3.5	2.614	90.8
894	2/17/2013 17:01:34	9.90	48.84	31.70	8.28	7.95	2.8	2.651	89.7
895	2/17/2013 17:16:34	9.88	48.89	31.73	8.30	7.94	2.6	2.679	89.8
896	2/17/2013 17:31:34	10.29	48.42	31.42	8.96	8.05	4.5	2.692	97.6
897	2/17/2013 17:46:34	10.17	48.59	31.54	8.46	7.99	2.5	2.708	92.0
898	2/17/2013 18:01:34	9.96	48.80	31.67	8.51	7.97	2.9	2.724	92.3
899	2/17/2013 18:16:34	9.89	48.84	31.69	8.24	7.94	2.6	2.720	89.2
900	2/17/2013 18:31:33	9.86	48.95	31.78	8.37	7.94	3.6	2.702	90.5

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
901	2/17/2013 18:46:34	9.89	48.80	31.67	8.55	7.96	6.1	2.685	92.5
902	2/17/2013 19:01:34	9.92	48.70	31.60	8.63	7.97	7.3	2.681	93.4
903	2/17/2013 19:16:34	9.94	48.53	31.48	8.75	8.00	12.3	2.642	94.7
904	2/17/2013 19:31:34	9.82	48.52	31.46	8.84	8.03	12.0	2.591	95.4
905	2/17/2013 19:46:34	9.85	48.43	31.40	8.88	8.02	15.6	2.563	95.8
906	2/17/2013 20:01:33	9.89	48.31	31.31	8.87	8.02	10.3	2.533	95.7
907	2/17/2013 20:16:33	9.80	48.40	31.37	8.88	8.02	10.6	2.482	95.7
908	2/17/2013 20:31:34	9.81	48.34	31.33	8.85	8.02	10.9	2.440	95.4
909	2/17/2013 20:46:34	9.82	48.22	31.25	8.84	8.02	11.0	2.410	95.3
910	2/17/2013 21:01:34	9.98	48.06	31.14	8.90	8.03	11.5	2.375	96.2
911	2/17/2013 21:16:34	9.88	48.16	31.21	8.82	8.03	12.5	2.348	95.2
912	2/17/2013 21:31:34	9.94	48.07	31.14	8.83	8.03	13.5	2.322	95.3
913	2/17/2013 21:46:34	9.98	48.01	31.10	8.84	8.03	13.9	2.310	95.5
914	2/17/2013 22:01:34	10.00	48.00	31.10	8.78	8.03	12.7	2.289	94.9
915	2/17/2013 22:16:34	10.00	48.07	31.15	8.63	8.01	7.8	2.299	93.3
916	2/17/2013 22:31:34	10.01	48.20	31.24	8.53	8.01	5.9	2.278	92.3
917	2/17/2013 22:46:34	10.07	48.27	31.29	8.55	8.01	6.3	2.290	92.6
918	2/17/2013 23:01:34	9.96	48.17	31.22	8.66	8.02	8.1	2.315	93.6
919	2/17/2013 23:16:34	9.94	48.19	31.23	8.70	8.01	8.0	2.342	93.9
920	2/17/2013 23:31:34	9.91	48.14	31.19	8.69	8.02	7.4	2.349	93.8
921	2/17/2013 23:46:34	9.92	48.24	31.26	8.68	8.01	7.1	2.385	93.8
922	2/18/2013 0:01:34	9.93	48.29	31.30	8.58	8.00	6.6	2.422	92.8
923	2/18/2013 0:16:34	9.88	48.03	31.11	8.74	8.01	7.6	2.442	94.2
924	2/18/2013 0:31:34	9.91	48.09	31.16	8.66	8.01	7.3	2.492	93.5
925	2/18/2013 0:46:34	9.92	48.15	31.20	8.63	8.00	6.7	2.516	93.2
926	2/18/2013 1:01:34	9.93	48.26	31.28	8.60	8.00	6.3	2.570	92.9
927	2/18/2013 1:16:34	9.91	48.39	31.37	8.57	7.98	5.9	2.597	92.5
928	2/18/2013 1:31:34	9.91	48.40	31.38	8.65	7.98	7.2	2.660	93.5
929	2/18/2013 1:46:34	9.85	48.62	31.53	8.58	7.97	5.6	2.709	92.7
930	2/18/2013 2:01:34	9.78	48.86	31.70	8.51	7.95	4.6	2.758	91.9
931	2/18/2013 2:16:34	9.72	49.13	31.89	8.45	7.93	4.1	2.819	91.2
932	2/18/2013 2:31:34	9.68	49.26	31.99	8.44	7.92	3.8	2.867	91.1
933	2/18/2013 2:46:34	9.64	49.24	31.97	8.44	7.92	3.5	2.921	91.0
934	2/18/2013 3:01:34	9.57	49.33	32.03	8.46	7.92	3.4	2.986	91.1
935	2/18/2013 3:16:34	9.54	49.28	31.99	8.51	7.92	3.3	3.039	91.6
936	2/18/2013 3:31:34	9.52	49.40	32.08	8.47	7.91	2.8	3.091	91.1
937	2/18/2013 3:46:34	9.47	49.53	32.17	8.51	7.91	3.0	3.157	91.5
938	2/18/2013 4:01:34	9.42	49.73	32.31	8.45	7.90	2.9	3.183	90.9
939	2/18/2013 4:16:34	9.39	49.92	32.44	8.41	7.89	2.6	3.219	90.4
940	2/18/2013 4:31:34	9.37	50.06	32.54	8.33	7.88	2.9	3.261	89.6
941	2/18/2013 4:46:34	9.35	50.20	32.64	8.33	7.87	2.9	3.295	89.7
942	2/18/2013 5:01:34	9.35	50.18	32.63	8.32	7.87	3.0	3.331	89.5
943	2/18/2013 5:16:34	9.38	49.89	32.42	8.36	7.89	3.1	3.333	89.9
944	2/18/2013 5:31:34	9.34	50.23	32.66	8.34	7.87	3.8	3.344	89.7
945	2/18/2013 5:46:34	9.32	50.29	32.70	8.33	7.86	4.9	3.342	89.6
946	2/18/2013 6:01:34	9.34	50.21	32.64	8.37	7.87	4.6	3.314	90.0
947	2/18/2013 6:16:34	9.38	49.99	32.49	8.36	7.88	4.7	3.271	89.9
948	2/18/2013 6:31:34	9.55	49.28	31.99	8.28	7.90	5.9	3.244	89.1
949	2/18/2013 6:46:34	9.55	49.40	32.07	8.23	7.90	6.0	3.192	88.6
950	2/18/2013 7:01:34	9.57	49.30	32.01	8.30	7.91	5.0	3.120	89.4
951	2/18/2013 7:16:34	9.53	49.46	32.12	8.36	7.90	5.7	3.060	90.0
952	2/18/2013 7:31:34	9.56	49.18	31.92	8.35	7.92	4.3	3.000	89.8
953	2/18/2013 7:46:34	9.54	49.21	31.94	8.38	7.92	4.0	2.919	90.2

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
954	2/18/2013 8:01:34	9.56	49.20	31.93	8.38	7.92	3.9	2.854	90.2
955	2/18/2013 8:16:34	9.56	49.18	31.92	8.40	7.92	4.0	2.781	90.4
956	2/18/2013 8:31:34	9.56	49.13	31.88	8.44	7.93	4.0	2.687	90.8
957	2/18/2013 8:46:34	9.59	49.06	31.83	8.53	7.94	4.5	2.631	91.8
958	2/18/2013 9:01:34	9.62	49.02	31.81	8.59	7.95	4.5	2.542	92.5
959	2/18/2013 9:16:34	9.75	48.64	31.55	8.55	7.97	5.8	2.462	92.2
960	2/18/2013 9:31:34	9.70	48.86	31.70	8.84	7.97	5.1	2.379	95.2
961	2/18/2013 9:46:34	9.75	48.73	31.61	8.89	7.98	5.4	2.300	95.8
962	2/18/2013 10:01:34	9.79	48.77	31.64	9.16	8.00	5.6	2.205	98.8
963	2/18/2013 10:16:34	9.92	48.48	31.44	8.92	8.01	6.2	2.123	96.4
964	2/18/2013 10:31:34	9.99	48.42	31.40	9.04	8.03	6.5	2.043	97.9
965	2/18/2013 10:46:34	10.11	48.32	31.34	9.15	8.05	6.8	1.963	99.3
966	2/18/2013 11:01:34	10.14	48.18	31.23	9.14	8.06	7.7	1.902	99.2
967	2/18/2013 11:16:34	10.17	48.11	31.19	9.06	8.07	7.6	1.841	98.3
968	2/18/2013 11:31:34	10.18	48.09	31.18	9.09	8.07	7.5	1.795	98.7
969	2/18/2013 11:46:34	10.18	48.07	31.16	9.00	8.06	7.2	1.757	97.7
970	2/18/2013 12:01:34	10.17	48.06	31.16	8.81	8.06	6.5	1.730	95.6
971	2/18/2013 12:16:34	10.23	48.02	31.13	8.76	8.06	6.9	1.722	95.2
972	2/18/2013 12:31:34	10.18	48.06	31.15	8.78	8.06	5.7	1.729	95.3
973	2/18/2013 12:46:34	10.16	48.09	31.18	8.82	8.06	5.0	1.726	95.7
974	2/18/2013 13:01:34	10.15	48.11	31.18	8.79	8.05	5.7	1.743	95.3
975	2/18/2013 13:16:34	10.12	48.13	31.20	8.76	8.04	5.4	1.772	95.0
976	2/18/2013 13:31:34	10.10	48.13	31.20	8.73	8.04	5.9	1.799	94.6
977	2/18/2013 13:46:34	10.09	48.12	31.19	8.64	8.04	5.2	1.832	93.6
978	2/18/2013 14:01:34	10.06	47.80	30.96	8.71	8.05	5.6	1.874	94.1
979	2/18/2013 14:16:34	10.05	48.03	31.12	8.50	8.03	5.1	1.900	91.9
980	2/18/2013 14:31:34	10.04	48.04	31.13	8.42	8.03	4.6	1.935	91.1
981	2/18/2013 14:46:34	10.04	48.04	31.13	8.48	8.02	4.7	1.977	91.7
982	2/18/2013 15:01:34	10.03	48.06	31.14	8.50	8.02	4.8	2.013	91.9
983	2/18/2013 15:16:34	10.01	48.07	31.15	8.50	8.01	4.6	2.077	91.9
984	2/18/2013 15:31:34	10.00	48.13	31.19	8.45	8.01	4.1	2.113	91.4
985	2/18/2013 15:46:34	9.98	48.17	31.22	8.40	8.00	3.9	2.158	90.8
986	2/18/2013 16:01:34	9.94	48.14	31.19	8.41	8.00	4.5	2.217	90.8
987	2/18/2013 16:16:34	9.90	48.14	31.19	8.50	7.99	4.6	2.268	91.7
988	2/18/2013 16:31:34	9.87	48.18	31.22	8.57	7.99	4.4	2.321	92.4
989	2/18/2013 16:46:34	9.85	48.30	31.30	8.57	7.99	4.4	2.361	92.4
990	2/18/2013 17:01:34	9.80	48.55	31.48	8.50	7.97	3.6	2.418	91.7
991	2/18/2013 17:16:34	9.78	48.66	31.56	8.42	7.96	3.4	2.462	90.9
992	2/18/2013 17:31:34	9.77	48.68	31.57	8.47	7.96	3.1	2.502	91.4
993	2/18/2013 17:46:34	9.76	48.78	31.65	8.42	7.95	3.2	2.546	90.9
994	2/18/2013 18:01:34	9.70	49.06	31.84	8.31	7.93	2.7	2.579	89.6
995	2/18/2013 18:16:34	9.68	49.10	31.87	8.27	7.93	2.4	2.623	89.2
996	2/18/2013 18:31:34	9.68	49.09	31.86	8.28	7.93	2.9	2.650	89.3
997	2/18/2013 18:46:34	9.68	49.07	31.85	8.26	7.93	2.7	2.674	89.1
998	2/18/2013 19:01:34	9.67	49.12	31.89	8.17	7.93	2.1	2.689	88.1
999	2/18/2013 19:16:34	9.67	49.15	31.90	8.06	7.92	2.1	2.710	86.9
1000	2/18/2013 19:31:34	9.67	49.16	31.91	8.23	7.92	2.9	2.732	88.8
1001	2/18/2013 19:46:34	9.67	49.16	31.91	8.21	7.92	3.1	2.729	88.6
1002	2/18/2013 20:01:34	9.65	49.21	31.95	8.26	7.92	3.2	2.706	89.1
1003	2/18/2013 20:16:34	9.64	49.21	31.95	8.32	7.92	3.2	2.689	89.7
1004	2/18/2013 20:31:34	9.66	49.17	31.92	8.26	7.92	3.1	2.677	89.1
1005	2/18/2013 20:46:34	9.67	49.14	31.90	8.26	7.92	3.0	2.655	89.0
1006	2/18/2013 21:01:34	9.69	49.10	31.87	8.23	7.92	3.2	2.610	88.8

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1007	2/18/2013 21:16:34	9.70	49.01	31.81	8.22	7.93	3.2	2.588	88.7
1008	2/18/2013 21:31:34	9.53	48.49	31.42	8.52	8.00	4.3	2.561	91.3
1009	2/18/2013 21:46:34	9.54	48.42	31.37	8.56	7.99	4.3	2.503	91.8
1010	2/18/2013 22:01:34	9.51	48.42	31.37	8.51	7.98	4.0	2.485	91.2
1011	2/18/2013 22:16:34	9.47	48.39	31.34	8.54	8.00	4.3	2.458	91.4
1012	2/18/2013 22:31:34	9.43	48.38	31.33	8.46	7.99	4.2	2.428	90.5
1013	2/18/2013 22:46:34	9.47	48.13	31.16	8.47	7.99	4.0	2.408	90.5
1014	2/18/2013 23:01:34	9.46	48.20	31.20	8.38	7.99	3.5	2.393	89.6
1015	2/18/2013 23:16:34	9.69	48.67	31.56	7.94	7.94	2.1	2.371	85.5
1016	2/18/2013 23:31:34	9.73	48.74	31.61	8.08	7.94	2.5	2.379	87.1
1017	2/18/2013 23:46:34	9.47	48.40	31.35	8.24	7.99	4.3	2.379	88.2
1018	2/19/2013 0:01:34	9.54	48.34	31.32	8.26	7.97	3.2	2.387	88.5
1019	2/19/2013 0:16:34	9.50	48.28	31.27	8.23	7.98	3.9	2.390	88.0
1020	2/19/2013 0:31:34	9.66	48.59	31.50	8.19	7.96	2.9	2.415	88.1
1021	2/19/2013 0:46:34	9.45	48.15	31.17	8.41	7.99	3.6	2.423	89.9
1022	2/19/2013 1:01:34	9.67	48.65	31.54	8.26	7.95	3.1	2.446	88.8
1023	2/19/2013 1:16:34	9.64	48.66	31.55	8.28	7.95	3.2	2.470	89.0
1024	2/19/2013 1:31:34	9.63	48.74	31.60	8.28	7.95	3.5	2.502	89.0
1025	2/19/2013 1:46:34	9.51	48.49	31.42	8.33	7.96	3.2	2.540	89.3
1026	2/19/2013 2:01:34	9.57	48.84	31.68	8.27	7.93	3.1	2.583	88.9
1027	2/19/2013 2:16:34	9.53	49.17	31.91	8.24	7.91	3.3	2.628	88.6
1028	2/19/2013 2:31:34	9.51	49.18	31.91	8.32	7.92	3.6	2.663	89.5
1029	2/19/2013 2:46:34	9.45	49.19	31.92	8.35	7.92	2.9	2.719	89.6
1030	2/19/2013 3:01:34	9.43	49.45	32.10	8.35	7.90	3.2	2.766	89.7
1031	2/19/2013 3:16:34	9.42	49.55	32.18	8.34	7.90	3.1	2.827	89.6
1032	2/19/2013 3:31:34	9.36	49.52	32.15	8.39	7.90	3.2	2.878	90.0
1033	2/19/2013 3:46:34	9.30	49.49	32.12	8.44	7.90	3.5	2.931	90.4
1034	2/19/2013 4:01:34	9.26	49.62	32.22	8.42	7.90	3.1	2.971	90.2
1035	2/19/2013 4:16:34	9.23	49.75	32.30	8.38	7.89	2.6	3.041	89.7
1036	2/19/2013 4:31:34	9.19	49.75	32.30	8.37	7.89	2.8	3.084	89.6
1037	2/19/2013 4:46:34	9.20	49.94	32.44	8.32	7.88	2.8	3.148	89.1
1038	2/19/2013 5:01:34	9.20	50.20	32.62	8.25	7.87	2.7	3.186	88.4
1039	2/19/2013 5:16:34	9.16	50.19	32.62	8.24	7.87	2.6	3.252	88.3
1040	2/19/2013 5:31:34	9.14	50.21	32.63	8.23	7.87	2.4	3.269	88.1
1041	2/19/2013 5:46:34	9.14	50.27	32.67	8.05	7.86	2.2	3.293	86.2
1042	2/19/2013 6:01:34	9.15	50.30	32.70	8.03	7.86	2.3	3.314	86.0
1043	2/19/2013 6:16:34	9.15	50.26	32.66	8.17	7.87	2.5	3.315	87.5
1044	2/19/2013 6:31:34	9.14	50.31	32.70	8.13	7.86	3.2	3.336	87.1
1045	2/19/2013 6:46:34	9.16	50.29	32.69	8.22	7.86	4.5	3.306	88.0
1046	2/19/2013 7:01:34	9.17	50.23	32.65	8.23	7.86	4.8	3.325	88.2
1047	2/19/2013 7:16:34	9.11	50.12	32.56	8.31	7.87	3.5	3.269	88.9
1048	2/19/2013 7:31:34	9.08	49.96	32.44	8.31	7.87	3.8	3.205	88.8
1049	2/19/2013 7:46:34	9.06	49.94	32.43	8.35	7.88	3.4	3.187	89.1
1050	2/19/2013 8:01:34	9.03	49.92	32.41	8.39	7.88	4.3	3.132	89.5
1051	2/19/2013 8:16:34	8.95	49.68	32.23	8.43	7.89	3.8	3.073	89.7
1052	2/19/2013 8:31:34	8.90	49.60	32.17	8.48	7.89	3.4	2.995	90.1
1053	2/19/2013 8:46:34	8.98	49.59	32.17	8.52	7.90	3.4	2.933	90.6
1054	2/19/2013 9:01:34	9.00	49.21	31.90	8.53	7.91	4.0	2.882	90.7
1055	2/19/2013 9:16:34	8.92	49.21	31.89	8.54	7.91	4.4	2.789	90.6
1056	2/19/2013 9:31:34	8.96	49.11	31.83	8.49	7.91	4.7	2.725	90.0
1057	2/19/2013 9:46:34	8.96	49.11	31.82	8.50	7.91	5.1	2.645	90.2
1058	2/19/2013 10:01:34	8.99	49.11	31.83	8.58	7.92	5.4	2.556	91.1
1059	2/19/2013 10:16:34	9.17	48.83	31.64	8.55	7.93	6.3	2.481	91.1

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1060	2/19/2013 10:31:34	9.10	49.02	31.77	8.81	7.96	5.7	2.393	93.8
1061	2/19/2013 10:46:34	9.21	48.70	31.55	8.98	7.97	5.6	2.318	95.7
1062	2/19/2013 11:01:34	9.28	48.57	31.46	9.10	7.99	5.6	2.228	97.0
1063	2/19/2013 11:16:34	9.32	48.49	31.40	9.32	8.01	5.6	2.132	99.4
1064	2/19/2013 11:31:34	9.34	48.21	31.20	9.18	8.02	6.2	2.059	97.9
1065	2/19/2013 11:46:34	9.39	48.01	31.06	9.36	8.04	6.8	1.972	99.8
1066	2/19/2013 12:01:34	9.46	47.94	31.02	9.30	8.06	6.4	1.901	99.3
1067	2/19/2013 12:16:34	9.50	47.86	30.97	9.52	8.07	6.7	1.821	101.6
1068	2/19/2013 12:31:34	9.53	47.74	30.88	9.47	8.07	7.3	1.764	101.2
1069	2/19/2013 12:46:34	9.52	47.68	30.84	9.32	8.07	6.8	1.706	99.5
1070	2/19/2013 13:01:34	9.56	47.66	30.83	9.30	8.08	6.7	1.652	99.4
1071	2/19/2013 13:16:34	9.62	47.63	30.81	9.35	8.09	6.1	1.637	100.0
1072	2/19/2013 13:31:34	9.57	47.69	30.85	8.98	8.06	4.3	1.624	96.0
1073	2/19/2013 13:46:34	9.51	47.79	30.91	9.04	8.04	5.3	1.636	96.5
1074	2/19/2013 14:01:34	9.49	47.86	30.96	9.00	8.04	5.0	1.637	96.1
1075	2/19/2013 14:16:34	9.59	47.80	30.93	8.94	8.04	5.2	1.667	95.6
1076	2/19/2013 14:31:34	9.60	47.79	30.92	8.95	8.04	5.3	1.710	95.7
1077	2/19/2013 14:46:34	9.49	47.77	30.90	8.90	8.03	5.0	1.750	95.0
1078	2/19/2013 15:01:34	9.65	47.68	30.85	8.91	8.03	5.3	1.782	95.4
1079	2/19/2013 15:16:34	9.75	47.42	30.66	8.87	8.03	4.2	1.831	95.0
1080	2/19/2013 15:31:34	9.48	47.75	30.88	8.78	8.01	4.6	1.907	93.7
1081	2/19/2013 15:46:34	9.48	47.60	30.78	8.78	8.01	4.9	1.908	93.6
1082	2/19/2013 16:01:34	9.43	47.66	30.82	8.66	8.00	4.7	1.978	92.2
1083	2/19/2013 16:16:34	9.38	47.84	30.94	8.65	8.00	4.2	2.040	92.1
1084	2/19/2013 16:31:34	9.37	47.90	30.99	8.62	7.99	4.3	2.083	91.8
1085	2/19/2013 16:46:34	9.29	47.99	31.05	8.51	7.97	5.0	2.130	90.5
1086	2/19/2013 17:01:34	9.28	48.02	31.07	8.47	7.96	4.2	2.181	90.1
1087	2/19/2013 17:16:34	9.27	48.17	31.17	8.43	7.95	4.3	2.222	89.6
1088	2/19/2013 17:31:34	9.28	48.39	31.33	8.42	7.94	3.9	2.307	89.7
1089	2/19/2013 17:46:34	9.32	48.47	31.39	8.38	7.94	3.6	2.346	89.3
1090	2/19/2013 18:01:34	9.39	48.40	31.35	8.51	7.95	4.3	2.381	90.9
1091	2/19/2013 18:16:34	9.36	48.66	31.53	8.41	7.94	3.4	2.466	89.9
1092	2/19/2013 18:31:34	9.36	48.76	31.60	8.40	7.94	3.1	2.518	89.8
1093	2/19/2013 18:46:34	9.35	48.81	31.64	8.44	7.94	2.8	2.575	90.3
1094	2/19/2013 19:01:34	9.33	48.87	31.68	8.41	7.94	2.8	2.630	89.9
1095	2/19/2013 19:16:34	9.30	48.89	31.69	8.43	7.94	3.1	2.655	90.0
1096	2/19/2013 19:31:34	9.28	48.93	31.72	8.41	7.94	2.9	2.705	89.8
1097	2/19/2013 19:46:34	9.28	48.96	31.74	8.40	7.93	2.8	2.742	89.7
1098	2/19/2013 20:01:34	9.28	48.98	31.75	8.32	7.93	2.6	2.766	88.9
1099	2/19/2013 20:16:34	9.28	49.01	31.78	8.23	7.92	2.6	2.773	87.9
1100	2/19/2013 20:31:34	9.29	49.05	31.80	8.15	7.92	2.4	2.809	87.0
1101	2/19/2013 20:46:34	9.26	48.84	31.65	8.33	7.93	2.9	2.795	88.9
1102	2/19/2013 21:01:34	9.29	49.02	31.78	8.33	7.92	3.0	2.795	89.0
1103	2/19/2013 21:16:34	9.28	49.05	31.81	8.33	7.91	3.2	2.797	89.0
1104	2/19/2013 21:31:34	9.28	48.99	31.76	8.37	7.92	3.9	2.773	89.4
1105	2/19/2013 21:46:34	9.28	48.94	31.72	8.34	7.92	3.5	2.754	89.0
1106	2/19/2013 22:01:34	9.28	48.90	31.70	8.37	7.92	3.9	2.721	89.3
1107	2/19/2013 22:16:34	9.17	48.51	31.41	8.55	7.96	6.8	2.688	90.9
1108	2/19/2013 22:31:34	9.18	48.57	31.45	8.54	7.95	6.1	2.650	90.9
1109	2/19/2013 22:46:34	9.20	48.59	31.47	8.54	7.95	5.1	2.626	90.8
1110	2/19/2013 23:01:34	9.26	48.54	31.44	8.58	7.96	5.0	2.576	91.4
1111	2/19/2013 23:16:34	9.18	48.48	31.39	8.52	7.95	5.3	2.532	90.6
1112	2/19/2013 23:31:34	9.06	48.47	31.37	8.45	7.94	5.6	2.478	89.6

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1113	2/19/2013 23:46:34	9.03	48.36	31.29	8.40	7.94	6.0	2.476	88.9
1114	2/20/2013 0:01:34	9.04	48.22	31.19	8.38	7.94	5.7	2.450	88.8
1115	2/20/2013 0:16:34	8.99	48.18	31.16	8.38	7.95	5.5	2.427	88.6
1116	2/20/2013 0:31:34	8.95	48.12	31.11	8.34	7.95	5.3	2.404	88.1
1117	2/20/2013 0:46:34	9.01	48.01	31.04	8.32	7.94	5.1	2.391	88.0
1118	2/20/2013 1:01:34	9.11	48.27	31.23	8.00	7.93	4.0	2.385	84.8
1119	2/20/2013 1:16:34	9.13	48.28	31.24	8.17	7.94	4.3	2.394	86.7
1120	2/20/2013 1:31:34	8.88	48.08	31.08	8.29	7.95	5.3	2.407	87.4
1121	2/20/2013 1:46:34	8.91	48.08	31.08	8.24	7.94	4.2	2.421	87.0
1122	2/20/2013 2:01:34	9.06	48.25	31.21	8.31	7.95	4.3	2.450	88.0
1123	2/20/2013 2:16:34	9.15	48.36	31.30	8.37	7.95	4.2	2.479	88.9
1124	2/20/2013 2:31:34	9.21	48.50	31.40	8.36	7.95	3.9	2.495	89.0
1125	2/20/2013 2:46:34	9.00	48.26	31.22	8.40	7.95	4.6	2.547	88.9
1126	2/20/2013 3:01:34	9.14	48.42	31.34	8.39	7.95	4.0	2.589	89.1
1127	2/20/2013 3:16:34	9.22	48.51	31.41	8.36	7.94	3.4	2.633	89.0
1128	2/20/2013 3:31:34	9.21	48.62	31.49	8.31	7.93	6.2	2.664	88.5
1129	2/20/2013 3:46:34	9.18	48.71	31.55	8.31	7.92	3.4	2.705	88.4
1130	2/20/2013 4:01:34	9.15	48.83	31.64	8.33	7.92	3.4	2.767	88.7
1131	2/20/2013 4:16:34	9.13	48.92	31.70	8.35	7.92	3.3	2.809	88.9
1132	2/20/2013 4:31:34	9.09	48.96	31.72	8.35	7.92	3.0	2.851	88.8
1133	2/20/2013 4:46:34	9.08	49.15	31.86	8.36	7.91	3.1	2.913	88.9
1134	2/20/2013 5:01:34	8.91	49.10	31.81	8.45	7.91	5.1	2.981	89.5
1135	2/20/2013 5:16:34	8.92	49.25	31.92	8.40	7.91	2.8	3.012	89.2
1136	2/20/2013 5:31:34	8.93	49.37	32.01	8.43	7.90	2.5	3.077	89.5
1137	2/20/2013 5:46:34	8.89	49.48	32.09	8.43	7.90	2.9	3.134	89.4
1138	2/20/2013 6:01:34	8.84	49.57	32.14	8.45	7.90	2.8	3.145	89.6
1139	2/20/2013 6:16:34	8.78	49.66	32.21	8.46	7.89	3.3	3.220	89.6
1140	2/20/2013 6:31:34	8.80	49.90	32.38	8.43	7.88	2.8	3.267	89.4
1141	2/20/2013 6:46:34	8.69	49.80	32.30	8.43	7.88	2.9	3.286	89.2
1142	2/20/2013 7:01:34	8.66	49.80	32.30	8.44	7.88	3.1	3.319	89.2
1143	2/20/2013 7:16:34	8.70	49.89	32.36	8.35	7.88	2.6	3.325	88.4
1144	2/20/2013 7:31:34	8.80	49.93	32.40	8.39	7.87	3.7	3.313	89.0
1145	2/20/2013 7:46:34	8.88	50.13	32.55	8.40	7.87	3.7	3.314	89.4
1146	2/20/2013 8:01:34	8.88	50.11	32.54	8.46	7.87	4.2	3.316	90.0
1147	2/20/2013 8:16:34	8.83	49.88	32.37	8.43	7.88	4.0	3.272	89.5
1148	2/20/2013 8:31:34	8.64	49.26	31.91	8.39	7.89	4.0	3.221	88.4
1149	2/20/2013 8:46:34	8.76	49.22	31.89	8.46	7.91	3.7	3.183	89.5
1150	2/20/2013 9:01:34	8.86	49.32	31.97	8.44	7.90	3.9	3.105	89.4
1151	2/20/2013 9:16:34	8.87	49.24	31.91	8.44	7.90	4.0	3.049	89.5
1152	2/20/2013 9:31:34	8.84	48.92	31.68	8.72	7.94	4.3	2.982	92.3
1153	2/20/2013 9:46:34	8.83	48.72	31.53	8.86	7.96	4.0	2.905	93.6
1154	2/20/2013 10:01:34	8.90	48.66	31.49	8.88	7.96	4.2	2.844	93.9
1155	2/20/2013 10:16:34	8.99	48.67	31.51	8.91	7.96	3.9	2.765	94.4
1156	2/20/2013 10:31:34	9.02	48.44	31.35	8.93	7.97	4.7	2.684	94.6
1157	2/20/2013 10:46:34	9.13	48.41	31.34	9.11	7.99	4.1	2.605	96.7
1158	2/20/2013 11:01:34	9.07	48.19	31.17	9.14	8.00	4.9	2.501	96.8
1159	2/20/2013 11:16:34	9.35	48.42	31.36	9.37	8.02	4.7	2.441	99.9
1160	2/20/2013 11:31:34	9.27	48.25	31.23	9.44	8.02	3.9	2.346	100.4
1161	2/20/2013 11:46:34	9.53	48.32	31.30	9.70	8.05	4.3	2.233	103.9
1162	2/20/2013 12:01:34	9.47	48.20	31.21	9.87	8.06	5.0	2.137	105.5
1163	2/20/2013 12:16:34	9.63	48.16	31.19	9.86	8.07	4.8	2.055	105.7
1164	2/20/2013 12:31:34	9.70	48.13	31.17	9.66	8.07	4.8	1.941	103.8
1165	2/20/2013 12:46:34	9.86	48.10	31.16	9.92	8.09	5.4	1.856	106.9

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1166	2/20/2013 13:01:34	9.74	47.95	31.05	9.80	8.10	5.6	1.781	105.3
1167	2/20/2013 13:16:34	9.71	47.89	31.00	9.74	8.10	5.4	1.714	104.5
1168	2/20/2013 13:31:34	9.80	47.88	31.00	9.75	8.11	6.1	1.650	104.9
1169	2/20/2013 13:46:34	9.94	47.88	31.01	9.84	8.12	6.1	1.614	106.1
1170	2/20/2013 14:01:34	9.90	47.82	30.96	9.70	8.12	5.5	1.568	104.5
1171	2/20/2013 14:16:34	10.03	47.83	30.98	9.75	8.13	5.3	1.559	105.3
1172	2/20/2013 14:31:34	10.40	48.03	31.15	9.87	8.14	4.5	1.541	107.6
1173	2/20/2013 14:46:34	9.94	47.93	31.04	9.72	8.12	4.4	1.569	104.9
1174	2/20/2013 15:01:34	9.90	47.87	31.00	9.75	8.11	4.2	1.566	105.0
1175	2/20/2013 15:16:34	9.72	47.81	30.95	9.59	8.10	3.8	1.608	102.9
1176	2/20/2013 15:31:34	9.68	47.83	30.96	9.62	8.10	3.6	1.649	103.1
1177	2/20/2013 15:46:34	9.69	47.76	30.91	9.59	8.10	3.9	1.684	102.8
1178	2/20/2013 16:01:34	9.67	47.40	30.65	9.50	8.10	4.2	1.716	101.6
1179	2/20/2013 16:16:34	9.65	47.61	30.80	9.40	8.09	3.6	1.784	100.6
1180	2/20/2013 16:31:34	9.62	47.42	30.66	9.44	8.08	4.0	1.828	100.9
1181	2/20/2013 16:46:34	9.57	47.48	30.70	9.37	8.07	4.2	1.881	100.1
1182	2/20/2013 17:01:34	9.52	47.50	30.71	9.29	8.07	4.2	1.951	99.1
1183	2/20/2013 17:16:34	9.49	47.48	30.69	9.31	8.06	4.0	2.015	99.3
1184	2/20/2013 17:31:34	9.48	47.56	30.75	9.26	8.05	3.2	2.074	98.7
1185	2/20/2013 17:46:34	9.41	47.47	30.68	9.20	8.04	4.1	2.144	97.8
1186	2/20/2013 18:01:34	9.33	47.68	30.82	9.02	8.02	3.2	2.199	95.9
1187	2/20/2013 18:16:34	9.30	47.87	30.96	8.94	8.00	3.6	2.278	95.0
1188	2/20/2013 18:31:34	9.26	48.16	31.17	8.80	7.98	3.2	2.340	93.6
1189	2/20/2013 18:46:34	9.24	48.32	31.28	8.75	7.97	2.8	2.406	93.1
1190	2/20/2013 19:01:34	9.21	48.44	31.36	8.77	7.97	2.9	2.461	93.3
1191	2/20/2013 19:16:34	9.19	48.51	31.41	8.78	7.97	3.0	2.523	93.4
1192	2/20/2013 19:31:34	9.18	48.56	31.44	8.78	7.97	2.9	2.581	93.4
1193	2/20/2013 19:46:34	9.17	48.65	31.51	8.73	7.96	3.2	2.639	92.9
1194	2/20/2013 20:01:34	9.15	48.72	31.56	8.67	7.96	3.1	2.689	92.2
1195	2/20/2013 20:16:34	9.14	48.69	31.54	8.65	7.95	2.8	2.735	91.9
1196	2/20/2013 20:31:34	9.13	48.75	31.58	8.60	7.95	2.5	2.788	91.4
1197	2/20/2013 20:46:34	9.13	48.81	31.62	8.58	7.94	2.9	2.808	91.3
1198	2/20/2013 21:01:34	9.12	48.80	31.62	8.54	7.94	3.2	2.843	90.9
1199	2/20/2013 21:16:34	9.12	48.84	31.64	8.51	7.94	2.5	2.867	90.5
1200	2/20/2013 21:31:34	9.13	48.84	31.65	8.32	7.93	2.2	2.891	88.5
1201	2/20/2013 21:46:34	9.13	48.77	31.60	8.49	7.94	3.2	2.895	90.3
1202	2/20/2013 22:01:34	9.13	48.92	31.70	8.51	7.92	3.2	2.893	90.6
1203	2/20/2013 22:16:34	9.13	48.96	31.73	8.54	7.92	3.5	2.883	90.9
1204	2/20/2013 22:31:34	9.13	48.91	31.70	8.55	7.92	4.2	2.837	91.0
1205	2/20/2013 22:46:34	9.15	48.72	31.56	8.58	7.94	4.0	2.813	91.2
1206	2/20/2013 23:01:34	9.20	48.45	31.37	8.67	7.96	4.0	2.763	92.2
1207	2/20/2013 23:16:34	9.15	48.42	31.34	8.67	7.96	3.9	2.693	92.1
1208	2/20/2013 23:31:34	9.10	48.31	31.26	8.64	7.96	3.6	2.670	91.7
1209	2/20/2013 23:46:34	9.13	48.33	31.28	8.73	7.97	3.9	2.606	92.7
1210	2/21/2013 0:01:34	9.14	48.28	31.24	8.68	7.98	5.8	2.556	92.1
1211	2/21/2013 0:16:34	9.23	48.07	31.10	8.67	7.99	4.5	2.497	92.1
1212	2/21/2013 0:31:34	9.19	47.99	31.03	8.76	7.98	3.8	2.465	92.9
1213	2/21/2013 0:46:34	9.13	47.89	30.96	8.59	7.98	4.6	2.421	91.0
1214	2/21/2013 1:01:34	9.13	47.82	30.91	8.60	7.97	4.2	2.376	91.0
1215	2/21/2013 1:16:34	9.07	47.88	30.95	8.44	7.96	4.4	2.352	89.3
1216	2/21/2013 1:31:34	9.11	47.76	30.87	8.48	7.97	3.4	2.349	89.7
1217	2/21/2013 1:46:34	9.09	47.74	30.85	8.36	7.96	3.2	2.334	88.4
1218	2/21/2013 2:01:34	9.10	47.70	30.83	8.39	7.96	3.9	2.316	88.8

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1219	2/21/2013 2:16:34	9.10	47.72	30.84	8.45	7.97	3.7	2.336	89.4
1220	2/21/2013 2:31:34	9.14	47.89	30.96	8.41	7.97	3.5	2.352	89.1
1221	2/21/2013 2:46:34	9.12	47.64	30.78	8.64	7.98	3.2	2.362	91.4
1222	2/21/2013 3:01:34	9.18	47.94	31.00	8.48	7.97	3.6	2.399	89.9
1223	2/21/2013 3:16:34	9.19	48.00	31.04	8.51	7.97	3.5	2.443	90.3
1224	2/21/2013 3:31:34	9.14	47.76	30.87	8.57	7.97	3.6	2.476	90.7
1225	2/21/2013 3:46:34	9.12	47.74	30.86	8.55	7.97	3.4	2.532	90.5
1226	2/21/2013 4:01:34	9.18	48.09	31.10	8.47	7.96	3.2	2.559	89.9
1227	2/21/2013 4:16:34	9.18	48.12	31.13	8.46	7.95	2.9	2.599	89.7
1228	2/21/2013 4:31:34	9.17	48.34	31.29	8.47	7.94	3.4	2.670	90.0
1229	2/21/2013 4:46:34	9.14	48.58	31.46	8.49	7.93	3.1	2.707	90.2
1230	2/21/2013 5:01:34	9.11	48.69	31.54	8.53	7.93	3.2	2.767	90.6
1231	2/21/2013 5:16:34	9.08	48.65	31.50	8.56	7.93	3.2	2.815	90.9
1232	2/21/2013 5:31:34	9.06	48.92	31.69	8.58	7.92	3.2	2.875	91.2
1233	2/21/2013 5:46:34	9.00	48.97	31.72	8.63	7.92	3.3	2.927	91.6
1234	2/21/2013 6:01:34	8.91	48.96	31.71	8.67	7.92	3.1	2.980	91.8
1235	2/21/2013 6:16:34	8.91	49.10	31.82	8.67	7.92	2.9	3.041	91.9
1236	2/21/2013 6:31:34	8.88	49.28	31.94	8.70	7.91	3.0	3.102	92.3
1237	2/21/2013 6:46:34	8.93	49.68	32.24	8.73	7.90	3.4	3.147	92.8
1238	2/21/2013 7:01:34	8.91	49.85	32.35	8.74	7.90	3.5	3.208	93.0
1239	2/21/2013 7:16:34	8.91	49.89	32.38	8.75	7.89	3.1	3.266	93.1
1240	2/21/2013 7:31:34	8.87	49.97	32.44	8.77	7.89	3.4	3.307	93.2
1241	2/21/2013 7:46:34	8.85	50.01	32.46	8.78	7.89	3.2	3.330	93.3
1242	2/21/2013 8:01:34	8.84	50.05	32.49	8.73	7.89	3.0	3.375	92.8
1243	2/21/2013 8:16:34	8.83	50.06	32.50	8.68	7.89	2.9	3.393	92.2
1244	2/21/2013 8:31:34	8.86	49.97	32.44	8.74	7.89	3.5	3.394	92.9
	Mean	9.60	48.41	31.36	9.02	7.99	8.53	2.54	96.80
	Minimum	8.57	45.47	29.26	7.59	7.84	2.00	0.85	81.50
	Maximum	11.17	50.85	33.07	10.48	8.15	82.50	3.96	113.90

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

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	2/21/2013 9:00:50	8.87	50.05	32.50	8.98	7.86	4.2	3.360	95.5
1	2/21/2013 9:15:50	8.93	49.30	31.96	8.97	7.91	3.7	3.309	95.2
2	2/21/2013 9:30:50	8.89	49.78	32.30	9.00	7.90	4.0	3.260	95.7
3	2/21/2013 9:45:50	8.97	49.32	31.97	9.07	7.92	4.7	3.201	96.4
4	2/21/2013 10:00:50	9.03	49.45	32.08	9.03	7.94	3.9	3.128	96.2
5	2/21/2013 10:15:50	9.16	49.00	31.76	9.14	7.97	3.9	3.045	97.4
6	2/21/2013 10:30:50	9.10	49.00	31.75	9.11	7.97	4.8	2.966	96.9
7	2/21/2013 10:45:50	9.24	48.87	31.67	9.28	7.99	3.4	2.904	99.0
8	2/21/2013 11:00:50	9.40	48.95	31.74	9.60	8.02	2.9	2.805	102.8
9	2/21/2013 11:15:50	9.49	48.82	31.66	9.69	8.03	3.2	2.719	104.0
10	2/21/2013 11:30:50	9.50	48.85	31.68	9.62	8.03	3.5	2.632	103.2
11	2/21/2013 11:45:50	9.60	48.83	31.67	9.63	8.04	3.1	2.532	103.5
12	2/21/2013 12:00:50	9.74	48.72	31.60	9.84	8.05	3.8	2.428	106.1
13	2/21/2013 12:15:50	9.73	48.43	31.39	9.72	8.06	4.3	2.320	104.6
14	2/21/2013 12:30:50	9.85	48.47	31.42	9.99	8.07	4.9	2.216	107.8
15	2/21/2013 12:45:50	9.83	48.38	31.36	9.86	8.07	5.4	2.113	106.4
16	2/21/2013 13:00:50	9.94	48.35	31.35	9.90	8.09	5.4	2.002	107.1
17	2/21/2013 13:15:50	9.95	48.09	31.16	9.97	8.11	6.8	1.889	107.6
18	2/21/2013 13:30:50	10.09	48.17	31.23	9.98	8.13	7.0	1.783	108.1
19	2/21/2013 13:45:50	10.03	47.87	31.01	9.95	8.13	8.6	1.692	107.5
20	2/21/2013 14:00:50	10.05	47.91	31.04	9.90	8.13	9.8	1.617	107.1
21	2/21/2013 14:15:51	10.08	47.89	31.02	9.83	8.12	8.8	1.534	106.4
22	2/21/2013 14:30:51	10.12	47.78	30.95	9.95	8.14	9.8	1.482	107.7
23	2/21/2013 14:45:50	10.15	47.60	30.82	9.97	8.14	10.2	1.468	107.9
24	2/21/2013 15:00:50	10.18	47.67	30.88	10.02	8.15	9.8	1.432	108.6
25	2/21/2013 15:15:50	10.32	47.96	31.09	9.99	8.15	6.3	1.431	108.7
26	2/21/2013 15:30:50	10.20	47.66	30.87	9.93	8.14	6.8	1.435	107.6
27	2/21/2013 15:45:50	10.14	47.69	30.89	9.91	8.14	6.1	1.491	107.3
28	2/21/2013 16:00:50	10.11	47.62	30.83	9.95	8.14	7.2	1.509	107.6
29	2/21/2013 16:15:50	10.13	47.39	30.67	9.97	8.15	6.9	1.553	107.7
30	2/21/2013 16:30:50	10.09	47.57	30.79	9.88	8.15	7.3	1.617	106.8
31	2/21/2013 16:45:50	10.09	47.42	30.69	9.91	8.15	7.2	1.666	107.1
32	2/21/2013 17:00:50	10.08	47.10	30.46	9.81	8.15	4.9	1.702	105.8
33	2/21/2013 17:15:50	10.06	47.48	30.73	9.73	8.14	5.0	1.760	105.1
34	2/21/2013 17:30:50	10.05	47.43	30.70	9.75	8.14	5.1	1.839	105.2
35	2/21/2013 17:45:50	10.03	47.49	30.74	9.79	8.14	4.8	1.887	105.6
36	2/21/2013 18:00:51	9.98	47.40	30.67	9.78	8.13	4.7	1.962	105.3
37	2/21/2013 18:15:51	9.98	47.53	30.76	9.71	8.13	4.7	2.038	104.6
38	2/21/2013 18:30:51	9.87	47.65	30.84	9.61	8.10	4.2	2.116	103.4
39	2/21/2013 18:45:50	9.74	47.69	30.86	9.45	8.07	5.6	2.196	101.3
40	2/21/2013 19:00:51	9.66	48.01	31.09	9.33	8.06	3.6	2.270	100.1
41	2/21/2013 19:15:50	9.58	48.18	31.20	9.24	8.04	3.7	2.346	99.0
42	2/21/2013 19:30:51	9.54	48.31	31.29	9.22	8.04	3.6	2.425	98.8
43	2/21/2013 19:45:51	9.51	48.36	31.32	9.23	8.04	3.9	2.504	98.8
44	2/21/2013 20:00:50	9.46	48.49	31.41	9.21	8.03	3.9	2.572	98.6
45	2/21/2013 20:15:51	9.42	48.61	31.50	9.18	8.02	3.9	2.631	98.2
46	2/21/2013 20:30:51	9.39	48.58	31.48	9.16	8.02	3.4	2.706	97.9
47	2/21/2013 20:45:51	9.37	48.66	31.53	9.14	8.02	3.2	2.745	97.7
48	2/21/2013 21:00:51	9.36	48.66	31.53	9.14	8.01	3.3	2.802	97.7
49	2/21/2013 21:15:50	9.35	48.66	31.53	9.15	8.01	4.4	2.856	97.7
50	2/21/2013 21:30:50	9.32	48.76	31.60	9.15	8.00	3.5	2.873	97.7
51	2/21/2013 21:45:51	9.31	48.72	31.57	9.08	8.00	2.3	2.915	96.9
52	2/21/2013 22:00:50	9.28	48.84	31.65	9.06	7.99	2.4	2.939	96.7

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
53	2/21/2013 22:15:50	9.28	48.89	31.69	9.03	7.99	2.6	2.969	96.5
54	2/21/2013 22:30:50	9.31	48.82	31.64	9.06	8.00	4.0	2.948	96.7
55	2/21/2013 22:45:51	9.28	48.88	31.68	9.05	8.01	4.6	2.934	96.6
56	2/21/2013 23:00:51	9.29	48.89	31.69	9.04	7.99	3.2	2.926	96.5
57	2/21/2013 23:15:50	9.30	48.69	31.55	9.01	7.99	3.9	2.884	96.1
58	2/21/2013 23:30:50	9.26	48.38	31.33	8.99	8.02	4.3	2.828	95.8
59	2/21/2013 23:45:50	9.39	48.45	31.38	9.06	8.03	5.1	2.788	96.8
60	2/22/2013 0:00:50	9.14	47.97	31.02	9.12	8.06	6.2	2.731	96.7
61	2/22/2013 0:15:50	9.06	48.13	31.13	9.06	8.05	5.3	2.648	95.9
62	2/22/2013 0:30:50	9.00	48.26	31.22	9.00	8.03	4.4	2.603	95.2
63	2/22/2013 0:45:50	9.03	48.28	31.23	8.99	8.04	4.6	2.547	95.1
64	2/22/2013 1:00:50	9.10	47.96	31.01	8.99	8.05	4.5	2.482	95.2
65	2/22/2013 1:15:51	9.04	48.05	31.07	9.02	8.04	4.3	2.425	95.4
66	2/22/2013 1:30:50	9.07	47.84	30.92	8.99	8.05	4.1	2.381	95.1
67	2/22/2013 1:45:50	9.22	47.58	30.74	9.08	8.06	4.0	2.328	96.2
68	2/22/2013 2:00:50	9.13	47.67	30.80	9.05	8.06	3.9	2.282	95.7
69	2/22/2013 2:15:50	9.10	47.67	30.80	9.00	8.06	4.2	2.276	95.2
70	2/22/2013 2:30:50	9.27	47.49	30.69	9.09	8.07	3.4	2.283	96.4
71	2/22/2013 2:45:50	9.22	47.70	30.83	8.70	8.04	3.0	2.228	92.2
72	2/22/2013 3:00:50	9.15	47.77	30.88	8.80	8.04	3.3	2.257	93.2
73	2/22/2013 3:15:50	9.13	47.62	30.77	8.90	8.05	2.9	2.239	94.2
74	2/22/2013 3:30:50	9.10	47.60	30.76	9.02	8.06	3.6	2.281	95.3
75	2/22/2013 3:45:50	9.12	47.70	30.82	8.98	8.05	3.7	2.271	95.0
76	2/22/2013 4:00:50	9.19	47.70	30.83	8.92	8.05	3.2	2.334	94.5
77	2/22/2013 4:15:51	9.22	47.94	31.00	8.91	8.04	3.5	2.379	94.6
78	2/22/2013 4:30:50	9.16	47.73	30.85	8.91	8.04	3.5	2.383	94.4
79	2/22/2013 4:45:51	9.23	47.98	31.04	8.84	8.03	3.2	2.473	93.9
80	2/22/2013 5:00:50	9.27	48.03	31.07	8.82	8.03	3.2	2.549	93.7
81	2/22/2013 5:15:50	9.22	48.27	31.24	8.87	8.02	3.7	2.608	94.3
82	2/22/2013 5:30:50	9.13	48.24	31.21	8.94	8.02	3.3	2.642	94.8
83	2/22/2013 5:45:50	9.06	48.28	31.23	8.98	8.02	3.5	2.692	95.1
84	2/22/2013 6:00:51	9.10	48.62	31.49	8.97	8.01	3.7	2.780	95.3
85	2/22/2013 6:15:50	9.11	48.72	31.56	9.03	8.01	3.1	2.797	95.9
86	2/22/2013 6:30:50	9.09	48.98	31.74	9.06	8.00	3.4	2.871	96.3
87	2/22/2013 6:45:51	9.08	49.24	31.93	9.08	8.00	3.6	2.931	96.7
88	2/22/2013 7:00:50	9.11	49.38	32.03	9.10	7.99	3.3	2.988	97.0
89	2/22/2013 7:15:51	9.10	49.64	32.22	9.09	7.99	3.7	3.062	97.0
90	2/22/2013 7:30:51	9.07	49.75	32.29	9.08	7.98	3.7	3.144	96.9
91	2/22/2013 7:45:51	9.03	49.84	32.35	9.10	7.98	4.3	3.193	97.0
92	2/22/2013 8:00:50	8.98	49.90	32.40	9.09	7.97	4.1	3.247	96.8
93	2/22/2013 8:15:50	8.97	49.94	32.42	9.06	7.97	3.2	3.285	96.6
94	2/22/2013 8:30:51	8.92	50.16	32.58	9.04	7.97	3.9	3.350	96.3
95	2/22/2013 8:45:51	8.89	50.22	32.62	8.98	7.96	2.9	3.411	95.6
96	2/22/2013 9:00:51	8.84	50.27	32.65	8.97	7.96	2.7	3.415	95.4
97	2/22/2013 9:15:51	8.86	50.18	32.58	8.93	7.96	2.5	3.454	95.0
98	2/22/2013 9:30:51	8.87	50.26	32.65	8.98	7.96	4.6	3.468	95.6
99	2/22/2013 9:45:51	8.84	50.27	32.65	8.99	7.96	4.0	3.449	95.6
100	2/22/2013 10:00:50	8.91	49.31	31.96	9.13	8.00	5.5	3.367	96.9
101	2/22/2013 10:15:50	9.05	49.44	32.07	9.23	8.01	3.6	3.347	98.3
102	2/22/2013 10:30:50	9.12	49.32	31.99	9.32	8.01	3.7	3.284	99.4
103	2/22/2013 10:45:51	9.26	49.39	32.05	9.45	8.03	4.3	3.210	101.1
104	2/22/2013 11:00:51	9.44	49.25	31.96	9.62	8.04	3.8	3.137	103.2
105	2/22/2013 11:15:50	9.44	49.17	31.90	9.56	8.04	3.7	3.028	102.5

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
106	2/22/2013 11:30:51	9.56	49.04	31.82	9.71	8.06	3.2	2.947	104.4
107	2/22/2013 11:45:51	9.65	49.13	31.89	9.73	8.06	4.2	2.855	104.9
108	2/22/2013 12:00:50	9.71	49.00	31.80	9.82	8.06	4.0	2.765	106.0
109	2/22/2013 12:15:50	9.83	48.94	31.76	9.74	8.07	4.5	2.669	105.3
110	2/22/2013 12:30:50	10.02	48.97	31.80	10.02	8.08	3.4	2.574	108.8
111	2/22/2013 12:45:51	9.73	48.44	31.39	9.69	8.08	5.5	2.449	104.4
112	2/22/2013 13:00:50	10.05	48.44	31.42	10.03	8.10	4.2	2.306	108.7
113	2/22/2013 13:15:50	10.21	48.36	31.37	10.09	8.12	4.7	2.234	109.7
114	2/22/2013 13:30:50	10.09	48.08	31.16	10.07	8.13	4.5	2.098	109.0
115	2/22/2013 13:45:50	10.17	48.01	31.12	10.19	8.14	4.4	1.991	110.6
116	2/22/2013 14:00:50	10.27	47.93	31.07	10.39	8.16	4.6	1.868	112.9
117	2/22/2013 14:15:50	10.34	47.91	31.06	10.36	8.17	4.8	1.770	112.8
118	2/22/2013 14:30:50	10.31	47.84	31.01	10.31	8.18	4.7	1.658	112.1
119	2/22/2013 14:45:50	10.22	47.79	30.96	10.26	8.18	4.8	1.536	111.3
120	2/22/2013 15:00:50	10.23	47.71	30.91	10.28	8.19	5.0	1.511	111.5
121	2/22/2013 15:15:50	10.24	47.54	30.78	10.29	8.20	6.8	1.414	111.5
122	2/22/2013 15:30:50	10.21	47.50	30.76	10.20	8.20	5.4	1.411	110.5
123	2/22/2013 15:45:50	10.23	47.50	30.76	10.28	8.20	6.6	1.394	111.4
124	2/22/2013 16:00:50	10.25	47.57	30.80	10.21	8.20	5.3	1.411	110.8
125	2/22/2013 16:15:50	10.16	47.35	30.64	10.17	8.19	4.7	1.376	110.0
126	2/22/2013 16:30:50	10.14	47.51	30.76	10.12	8.19	5.0	1.436	109.5
127	2/22/2013 16:45:50	10.08	47.49	30.74	10.00	8.18	4.8	1.496	108.1
128	2/22/2013 17:00:50	10.05	47.10	30.45	9.94	8.17	5.3	1.547	107.1
129	2/22/2013 17:15:50	10.03	46.93	30.33	9.91	8.17	4.7	1.608	106.7
130	2/22/2013 17:30:50	10.02	46.77	30.22	9.87	8.16	4.5	1.624	106.1
131	2/22/2013 17:45:50	10.01	46.95	30.34	9.82	8.16	4.3	1.721	105.7
132	2/22/2013 18:00:50	10.00	47.02	30.40	9.79	8.15	4.5	1.777	105.4
133	2/22/2013 18:15:50	9.98	46.66	30.14	9.77	8.14	4.8	1.821	104.8
134	2/22/2013 18:30:50	9.99	47.02	30.40	9.75	8.14	5.0	1.911	104.9
135	2/22/2013 18:45:50	9.97	46.77	30.22	9.73	8.14	4.5	2.016	104.5
136	2/22/2013 19:00:50	9.89	46.80	30.23	9.63	8.11	4.7	2.087	103.3
137	2/22/2013 19:15:50	9.76	47.86	30.98	9.47	8.08	4.2	2.164	101.7
138	2/22/2013 19:30:50	9.67	47.96	31.05	9.39	8.07	3.9	2.263	100.8
139	2/22/2013 19:45:50	9.62	47.95	31.04	9.40	8.07	5.2	2.379	100.7
140	2/22/2013 20:00:51	9.60	48.34	31.32	9.42	8.07	4.7	2.429	101.0
141	2/22/2013 20:15:50	9.57	48.26	31.26	9.43	8.06	4.3	2.517	101.0
142	2/22/2013 20:30:50	9.55	48.44	31.39	9.37	8.05	4.5	2.585	100.5
143	2/22/2013 20:45:50	9.52	48.51	31.43	9.33	8.04	4.3	2.667	100.0
144	2/22/2013 21:00:50	9.47	48.54	31.46	9.30	8.03	4.8	2.743	99.6
145	2/22/2013 21:15:50	9.44	48.79	31.63	9.26	8.03	4.8	2.781	99.1
146	2/22/2013 21:30:51	9.42	48.89	31.70	9.24	8.02	4.4	2.871	98.9
147	2/22/2013 21:45:51	9.35	49.08	31.83	9.24	8.01	4.5	2.908	98.9
148	2/22/2013 22:00:51	9.32	49.09	31.84	9.20	8.01	3.9	2.978	98.5
149	2/22/2013 22:15:50	9.27	49.28	31.97	9.18	7.99	4.8	3.016	98.2
150	2/22/2013 22:30:50	9.24	49.43	32.08	9.12	7.98	3.2	3.060	97.6
151	2/22/2013 22:45:50	9.23	49.46	32.09	9.11	7.98	3.1	3.087	97.4
152	2/22/2013 23:00:50	9.27	49.29	31.98	9.11	7.99	4.5	3.052	97.4
153	2/22/2013 23:15:51	9.23	49.58	32.18	9.09	7.98	5.0	3.068	97.3
154	2/22/2013 23:30:50	9.23	49.51	32.13	9.12	7.98	5.1	3.051	97.5
155	2/22/2013 23:45:50	9.26	49.40	32.06	9.12	7.99	5.7	2.970	97.6
156	2/23/2013 0:00:50	9.32	49.07	31.82	9.16	8.00	6.2	2.923	97.9
157	2/23/2013 0:15:50	9.34	48.87	31.68	9.14	8.01	4.7	2.871	97.7
158	2/23/2013 0:30:50	9.35	48.75	31.60	9.12	8.02	5.1	2.805	97.5

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
159	2/23/2013 0:45:50	9.32	48.70	31.56	9.11	8.02	4.1	2.723	97.3
160	2/23/2013 1:00:50	9.28	48.75	31.59	9.09	8.02	4.2	2.667	97.0
161	2/23/2013 1:15:50	9.30	48.65	31.52	9.09	8.02	4.5	2.594	97.0
162	2/23/2013 1:30:50	9.29	48.56	31.46	9.06	8.03	4.9	2.516	96.6
163	2/23/2013 1:45:50	9.20	48.67	31.53	9.04	8.02	5.6	2.446	96.3
164	2/23/2013 2:00:51	9.30	48.39	31.33	9.13	8.04	6.4	2.385	97.3
165	2/23/2013 2:15:50	9.34	48.05	31.09	9.15	8.05	6.8	2.307	97.4
166	2/23/2013 2:30:50	9.31	47.96	31.03	9.15	8.05	7.0	2.256	97.4
167	2/23/2013 2:45:51	9.37	47.82	30.93	9.14	8.06	9.1	2.217	97.3
168	2/23/2013 3:00:51	9.32	47.85	30.94	9.15	8.06	9.2	2.167	97.3
169	2/23/2013 3:15:51	9.35	47.71	30.85	9.15	8.06	10.0	2.119	97.3
170	2/23/2013 3:30:51	9.45	47.61	30.78	9.14	8.07	8.7	2.113	97.4
171	2/23/2013 3:45:50	9.45	47.43	30.65	9.16	8.08	8.3	2.100	97.5
172	2/23/2013 4:00:50	9.44	47.62	30.79	9.02	8.05	5.2	2.111	96.1
173	2/23/2013 4:15:50	9.39	47.67	30.82	9.07	8.06	6.1	2.129	96.5
174	2/23/2013 4:30:50	9.50	47.51	30.71	9.14	8.07	7.5	2.155	97.5
175	2/23/2013 4:45:51	9.48	47.49	30.70	9.09	8.07	5.9	2.212	96.9
176	2/23/2013 5:00:51	9.45	47.86	30.96	9.01	8.05	4.0	2.251	96.1
177	2/23/2013 5:15:50	9.44	47.93	31.01	9.02	8.05	4.7	2.305	96.2
178	2/23/2013 5:30:51	9.42	47.80	30.91	9.04	8.05	4.6	2.373	96.4
179	2/23/2013 5:45:51	9.44	47.95	31.02	8.99	8.04	4.0	2.423	95.9
180	2/23/2013 6:00:51	9.43	48.05	31.10	9.00	8.04	4.1	2.491	96.0
181	2/23/2013 6:15:51	9.42	48.13	31.15	9.00	8.04	4.0	2.570	96.0
182	2/23/2013 6:30:51	9.35	48.19	31.19	8.97	8.03	4.0	2.627	95.6
183	2/23/2013 6:45:51	9.31	48.43	31.36	8.95	8.02	5.0	2.713	95.4
184	2/23/2013 7:00:51	9.30	48.74	31.58	9.01	8.01	4.5	2.781	96.2
185	2/23/2013 7:15:50	9.25	49.04	31.80	9.08	8.00	4.5	2.854	97.0
186	2/23/2013 7:30:50	9.22	49.14	31.87	9.11	8.00	4.2	2.933	97.2
187	2/23/2013 7:45:50	9.18	49.32	31.99	9.17	7.99	4.5	3.009	97.9
188	2/23/2013 8:00:50	9.16	49.33	32.00	9.19	7.99	4.9	3.075	98.1
189	2/23/2013 8:15:50	9.10	49.56	32.16	9.26	7.99	6.2	3.139	98.8
190	2/23/2013 8:30:50	9.05	49.60	32.18	9.30	7.99	5.3	3.224	99.1
191	2/23/2013 8:45:51	9.01	49.90	32.39	9.33	7.98	6.5	3.306	99.5
192	2/23/2013 9:00:50	8.95	49.87	32.37	9.36	7.98	5.5	3.362	99.6
193	2/23/2013 9:15:50	8.91	49.98	32.45	9.44	7.98	5.6	3.401	100.4
194	2/23/2013 9:30:50	8.87	50.16	32.58	9.46	7.98	4.9	3.448	100.7
195	2/23/2013 9:45:51	8.85	50.33	32.69	9.47	7.97	5.2	3.448	100.9
196	2/23/2013 10:00:50	8.93	49.93	32.41	9.48	7.99	4.9	3.484	100.9
197	2/23/2013 10:15:50	8.86	50.24	32.63	9.46	7.97	4.7	3.493	100.6
198	2/23/2013 10:30:51	8.86	50.33	32.70	9.44	7.97	5.4	3.461	100.5
199	2/23/2013 10:45:50	8.88	50.19	32.60	9.47	7.98	7.2	3.410	100.8
200	2/23/2013 11:00:50	8.99	49.93	32.42	9.46	7.99	5.9	3.349	100.8
201	2/23/2013 11:15:51	9.33	49.76	32.32	9.73	8.02	6.7	3.287	104.5
202	2/23/2013 11:30:51	9.34	49.95	32.46	9.85	8.03	8.3	3.197	105.8
203	2/23/2013 11:45:50	9.38	49.83	32.37	9.79	8.03	10.1	3.122	105.2
204	2/23/2013 12:00:51	9.47	49.76	32.33	9.81	8.03	10.0	3.018	105.6
205	2/23/2013 12:15:51	9.52	49.50	32.14	9.89	8.04	9.0	2.930	106.4
206	2/23/2013 12:30:50	9.76	49.29	32.01	10.06	8.06	7.8	2.852	108.7
207	2/23/2013 12:45:51	9.95	49.27	32.01	10.16	8.08	8.5	2.752	110.3
208	2/23/2013 13:00:50	10.04	48.96	31.79	10.02	8.08	9.2	2.622	108.9
209	2/23/2013 13:15:51	10.00	48.85	31.71	9.82	8.07	10.1	2.524	106.6
210	2/23/2013 13:30:50	9.91	48.32	31.33	9.69	8.07	13.9	2.409	104.6
211	2/23/2013 13:45:50	10.28	48.59	31.54	9.81	8.10	15.3	2.307	107.0

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
212	2/23/2013 14:00:51	10.04	48.20	31.24	9.78	8.09	16.0	2.194	105.9
213	2/23/2013 14:15:50	10.22	48.18	31.24	9.74	8.10	17.3	2.041	105.9
214	2/23/2013 14:30:50	10.21	48.06	31.15	9.72	8.11	18.9	1.982	105.6
215	2/23/2013 14:45:50	10.28	48.05	31.15	9.71	8.12	18.9	1.805	105.7
216	2/23/2013 15:00:50	10.22	47.92	31.06	9.59	8.11	19.2	1.683	104.1
217	2/23/2013 15:15:50	10.24	47.85	31.00	9.60	8.12	20.4	1.554	104.2
218	2/23/2013 15:30:50	10.22	47.78	30.95	9.46	8.10	19.1	1.504	102.6
219	2/23/2013 15:45:51	10.24	47.82	30.98	9.50	8.11	18.1	1.376	103.1
220	2/23/2013 16:00:50	10.26	47.75	30.93	9.64	8.12	15.8	1.328	104.7
221	2/23/2013 16:15:50	10.28	47.73	30.92	9.50	8.11	16.1	1.302	103.2
222	2/23/2013 16:30:50	10.28	47.71	30.91	9.31	8.10	13.3	1.272	101.1
223	2/23/2013 16:45:51	10.28	47.66	30.87	9.22	8.09	14.2	1.269	100.1
224	2/23/2013 17:00:51	10.40	47.38	30.68	9.37	8.12	18.0	1.301	101.9
225	2/23/2013 17:15:50	10.38	47.35	30.65	9.32	8.12	18.2	1.369	101.3
226	2/23/2013 17:30:50	10.39	47.28	30.61	9.27	8.12	15.5	1.367	100.7
227	2/23/2013 17:45:50	10.37	47.32	30.63	9.30	8.12	10.9	1.436	101.0
228	2/23/2013 18:00:50	10.34	47.40	30.69	9.44	8.12	13.2	1.537	102.5
229	2/23/2013 18:15:50	10.34	47.44	30.72	9.42	8.12	13.3	1.613	102.3
230	2/23/2013 18:30:50	10.27	47.36	30.65	9.47	8.12	14.7	1.712	102.7
231	2/23/2013 18:45:50	10.29	46.80	30.25	9.58	8.13	14.2	1.788	103.6
232	2/23/2013 19:00:50	10.29	46.75	30.22	9.54	8.13	11.7	1.850	103.2
233	2/23/2013 19:15:50	10.26	47.00	30.39	9.50	8.12	11.5	1.938	102.8
234	2/23/2013 19:30:50	10.19	46.78	30.24	9.51	8.11	11.2	2.066	102.7
235	2/23/2013 19:45:50	10.11	46.74	30.20	9.52	8.10	10.4	2.160	102.5
236	2/23/2013 20:00:50	10.04	46.99	30.38	9.52	8.09	10.4	2.226	102.5
237	2/23/2013 20:15:50	9.90	47.31	30.60	9.47	8.07	9.1	2.332	101.8
238	2/23/2013 20:30:51	9.82	47.45	30.69	9.47	8.07	8.1	2.419	101.6
239	2/23/2013 20:45:50	9.77	47.61	30.81	9.46	8.06	8.1	2.499	101.6
240	2/23/2013 21:00:51	9.73	48.32	31.31	9.43	8.05	9.6	2.611	101.4
241	2/23/2013 21:15:51	9.68	48.41	31.37	9.42	8.05	9.8	2.680	101.3
242	2/23/2013 21:30:50	9.63	48.44	31.39	9.44	8.04	8.7	2.756	101.3
243	2/23/2013 21:45:50	9.59	48.62	31.52	9.42	8.04	7.9	2.803	101.1
244	2/23/2013 22:00:51	9.52	48.79	31.64	9.43	8.03	7.9	2.881	101.2
245	2/23/2013 22:15:50	9.42	48.78	31.62	9.47	8.02	7.8	2.899	101.4
246	2/23/2013 22:30:50	9.36	48.99	31.77	9.49	8.02	8.0	2.988	101.5
247	2/23/2013 22:45:50	9.33	49.07	31.82	9.47	8.01	6.0	3.010	101.3
248	2/23/2013 23:00:50	9.31	49.13	31.86	9.45	8.01	4.5	3.068	101.1
249	2/23/2013 23:15:50	9.28	49.34	32.01	9.42	8.01	3.9	3.095	100.8
250	2/23/2013 23:30:51	9.31	49.23	31.94	9.41	8.01	5.1	3.084	100.8
251	2/23/2013 23:45:50	9.28	49.29	31.98	9.45	8.01	5.1	3.108	101.1
252	2/24/2013 0:00:50	9.28	48.94	31.72	9.36	8.02	5.6	3.048	100.0
253	2/24/2013 0:15:51	9.31	48.88	31.69	9.37	8.02	6.4	3.005	100.1
254	2/24/2013 0:30:50	9.23	48.12	31.13	9.27	8.04	7.2	2.992	98.6
255	2/24/2013 0:45:50	9.36	48.24	31.23	9.21	8.05	7.2	2.916	98.2
256	2/24/2013 1:00:51	9.25	48.45	31.37	9.23	8.04	7.0	2.874	98.3
257	2/24/2013 1:15:50	9.19	48.60	31.47	9.24	8.04	6.1	2.779	98.4
258	2/24/2013 1:30:51	9.12	48.70	31.54	9.24	8.03	6.1	2.700	98.2
259	2/24/2013 1:45:51	9.15	48.49	31.39	9.20	8.03	6.3	2.628	97.8
260	2/24/2013 2:00:50	9.24	48.15	31.16	9.16	8.04	6.9	2.530	97.4
261	2/24/2013 2:15:50	9.28	47.73	30.86	9.20	8.05	9.5	2.445	97.7
262	2/24/2013 2:30:50	9.29	47.77	30.89	9.06	8.05	8.4	2.397	96.3
263	2/24/2013 2:45:50	9.33	47.75	30.88	9.15	8.05	8.5	2.287	97.3
264	2/24/2013 3:00:51	9.16	47.95	31.01	9.09	8.04	7.2	2.209	96.3

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	2/24/2013 3:15:51	9.20	47.68	30.82	9.09	8.06	7.9	2.127	96.3
266	2/24/2013 3:30:50	9.37	47.33	30.58	9.11	8.08	8.6	2.077	96.7
267	2/24/2013 3:45:51	9.20	47.41	30.62	9.04	8.07	8.7	1.997	95.7
268	2/24/2013 4:00:50	9.25	47.23	30.50	9.01	8.07	8.1	1.977	95.4
269	2/24/2013 4:15:50	9.24	47.27	30.52	8.99	8.08	8.7	1.938	95.2
270	2/24/2013 4:30:51	9.26	47.22	30.49	8.92	8.07	7.6	1.945	94.5
271	2/24/2013 4:45:51	9.34	47.29	30.55	8.92	8.07	6.1	1.936	94.7
272	2/24/2013 5:00:51	9.32	47.33	30.57	8.98	8.07	6.7	1.927	95.3
273	2/24/2013 5:15:51	9.37	47.41	30.64	9.03	8.07	7.5	2.038	95.9
274	2/24/2013 5:30:50	9.37	47.33	30.58	9.10	8.07	7.0	2.061	96.6
275	2/24/2013 5:45:50	9.30	47.39	30.62	9.07	8.06	6.5	2.103	96.3
276	2/24/2013 6:00:51	9.28	47.29	30.55	9.07	8.06	5.9	2.159	96.1
277	2/24/2013 6:15:51	9.35	47.44	30.66	9.06	8.05	5.8	2.260	96.2
278	2/24/2013 6:30:50	9.33	47.38	30.61	9.05	8.05	6.3	2.331	96.1
279	2/24/2013 6:45:50	9.35	47.64	30.80	9.06	8.04	6.6	2.375	96.4
280	2/24/2013 7:00:50	9.30	47.90	30.98	9.08	8.03	5.9	2.471	96.6
281	2/24/2013 7:15:50	9.30	48.29	31.26	9.16	8.02	6.9	2.559	97.5
282	2/24/2013 7:30:50	9.33	48.42	31.36	9.21	8.02	5.6	2.640	98.2
283	2/24/2013 7:45:50	9.29	48.61	31.49	9.25	8.02	5.2	2.707	98.7
284	2/24/2013 8:00:50	9.25	48.79	31.61	9.31	8.02	5.6	2.789	99.3
285	2/24/2013 8:15:50	9.21	49.02	31.78	9.40	8.02	7.6	2.874	100.2
286	2/24/2013 8:30:50	9.16	49.18	31.89	9.45	8.02	7.2	2.937	100.7
287	2/24/2013 8:45:50	9.09	49.27	31.95	9.53	8.01	8.1	3.027	101.5
288	2/24/2013 9:00:51	9.06	49.59	32.18	9.60	8.01	8.3	3.092	102.3
289	2/24/2013 9:15:50	9.02	49.59	32.17	9.63	8.01	7.9	3.185	102.5
290	2/24/2013 9:30:50	8.96	49.75	32.28	9.70	8.01	7.8	3.258	103.2
291	2/24/2013 9:45:50	8.86	49.98	32.44	9.80	8.01	9.1	3.324	104.2
292	2/24/2013 10:00:51	8.85	50.14	32.56	9.81	8.00	7.3	3.372	104.3
293	2/24/2013 10:15:51	8.79	50.38	32.72	9.87	8.00	6.8	3.434	104.9
294	2/24/2013 10:30:50	8.74	50.53	32.83	9.90	7.99	5.7	3.463	105.2
295	2/24/2013 10:45:51	8.74	50.61	32.89	9.81	7.99	4.8	3.482	104.3
296	2/24/2013 11:00:51	8.77	50.57	32.86	9.90	8.00	6.8	3.472	105.3
297	2/24/2013 11:15:51	8.76	50.59	32.87	9.87	7.99	7.3	3.431	105.0
298	2/24/2013 11:30:51	8.88	50.38	32.74	9.95	8.01	7.6	3.400	106.0
299	2/24/2013 11:45:51	9.02	50.15	32.58	9.99	8.02	6.9	3.337	106.7
300	2/24/2013 12:00:51	9.15	49.85	32.37	9.98	8.03	6.9	3.261	106.7
301	2/24/2013 12:15:50	9.41	49.56	32.18	10.10	8.05	8.0	3.164	108.5
302	2/24/2013 12:30:50	9.43	49.33	32.02	9.99	8.05	8.7	3.085	107.3
303	2/24/2013 12:45:50	9.50	49.26	31.97	9.97	8.06	7.7	2.982	107.2
304	2/24/2013 13:00:51	9.59	49.19	31.93	10.06	8.07	7.6	2.860	108.3
305	2/24/2013 13:15:51	9.87	49.07	31.86	10.09	8.08	7.7	2.762	109.3
306	2/24/2013 13:30:50	9.94	48.99	31.81	10.35	8.09	6.5	2.647	112.2
307	2/24/2013 13:45:50	9.98	48.66	31.57	10.22	8.09	8.2	2.524	110.7
308	2/24/2013 14:00:51	10.06	48.60	31.53	10.24	8.10	9.4	2.417	111.1
309	2/24/2013 14:15:50	10.09	48.20	31.25	10.16	8.11	10.0	2.285	110.2
310	2/24/2013 14:30:50	10.24	48.28	31.31	10.27	8.12	9.5	2.158	111.7
311	2/24/2013 14:45:50	10.28	48.10	31.19	10.17	8.13	9.8	2.024	110.7
312	2/24/2013 15:00:50	10.40	48.04	31.15	10.10	8.14	10.1	1.897	110.1
313	2/24/2013 15:15:50	10.47	48.02	31.14	10.29	8.16	9.7	1.753	112.4
314	2/24/2013 15:30:50	10.43	47.88	31.04	10.20	8.15	9.9	1.641	111.2
315	2/24/2013 15:45:50	10.31	47.76	30.95	10.04	8.14	9.5	1.540	109.2
316	2/24/2013 16:00:50	10.36	47.59	30.83	10.06	8.15	9.2	1.410	109.4
317	2/24/2013 16:15:50	10.40	47.50	30.76	10.09	8.15	9.3	1.330	109.7

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
318	2/24/2013 16:30:50	10.42	47.25	30.59	10.10	8.16	9.0	1.247	109.8
319	2/24/2013 16:45:50	10.43	47.23	30.57	10.08	8.16	8.2	1.218	109.6
320	2/24/2013 17:00:51	10.47	47.48	30.76	10.08	8.16	6.8	1.206	109.8
321	2/24/2013 17:15:50	10.40	47.24	30.58	10.04	8.15	7.1	1.226	109.1
322	2/24/2013 17:30:51	10.38	47.43	30.71	9.98	8.15	6.5	1.271	108.4
323	2/24/2013 17:45:51	10.34	47.43	30.71	9.96	8.14	6.5	1.345	108.2
324	2/24/2013 18:00:50	10.32	47.27	30.59	9.98	8.14	7.5	1.405	108.3
325	2/24/2013 18:15:51	10.28	47.33	30.64	9.95	8.14	6.8	1.479	107.9
326	2/24/2013 18:30:50	10.19	46.46	30.00	9.94	8.13	8.6	1.557	107.1
327	2/24/2013 18:45:50	10.20	46.45	30.00	9.87	8.12	6.8	1.630	106.4
328	2/24/2013 19:00:50	10.20	46.56	30.08	9.86	8.12	8.3	1.726	106.4
329	2/24/2013 19:15:50	10.20	46.60	30.11	9.83	8.12	6.7	1.787	106.0
330	2/24/2013 19:30:51	10.21	47.02	30.41	9.79	8.12	5.8	1.879	105.8
331	2/24/2013 19:45:50	10.17	46.96	30.36	9.78	8.11	6.5	1.983	105.5
332	2/24/2013 20:00:51	10.09	47.13	30.48	9.74	8.09	7.9	2.083	105.0
333	2/24/2013 20:15:50	9.95	47.93	31.05	9.61	8.07	6.5	2.182	103.7
334	2/24/2013 20:30:50	9.90	48.15	31.20	9.61	8.07	5.9	2.274	103.8
335	2/24/2013 20:45:51	9.88	48.23	31.26	9.66	8.07	6.8	2.370	104.2
336	2/24/2013 21:00:51	9.85	48.31	31.31	9.71	8.07	7.0	2.479	104.8
337	2/24/2013 21:15:51	9.82	48.43	31.40	9.73	8.06	8.2	2.562	104.9
338	2/24/2013 21:30:51	9.75	48.67	31.57	9.72	8.05	9.4	2.658	104.8
339	2/24/2013 21:45:50	9.69	48.65	31.55	9.72	8.05	8.3	2.743	104.6
340	2/24/2013 22:00:51	9.56	48.91	31.72	9.74	8.04	10.4	2.823	104.7
341	2/24/2013 22:15:50	9.47	49.00	31.78	9.76	8.03	9.9	2.909	104.8
342	2/24/2013 22:30:51	9.44	49.26	31.96	9.76	8.03	8.9	2.988	104.7
343	2/24/2013 22:45:51	9.32	49.65	32.24	9.79	8.02	9.8	3.049	105.0
344	2/24/2013 23:00:51	9.27	49.84	32.37	9.79	8.02	9.5	3.124	105.0
345	2/24/2013 23:15:50	9.18	50.08	32.54	9.82	8.02	7.8	3.186	105.2
346	2/24/2013 23:30:51	9.15	50.22	32.64	9.78	8.02	5.3	3.223	104.8
347	2/24/2013 23:45:51	9.14	50.28	32.68	9.72	8.01	5.3	3.248	104.1
348	2/25/2013 0:00:51	9.22	49.95	32.45	9.74	8.02	6.5	3.253	104.4
349	2/25/2013 0:15:51	9.16	50.17	32.60	9.73	8.01	8.3	3.219	104.2
350	2/25/2013 0:30:51	9.15	50.25	32.66	9.77	8.02	7.6	3.193	104.7
351	2/25/2013 0:45:51	9.26	49.05	31.80	9.53	8.03	7.6	3.147	101.8
352	2/25/2013 1:00:50	9.29	48.98	31.76	9.56	8.03	7.8	3.062	102.2
353	2/25/2013 1:15:51	9.33	49.20	31.92	9.64	8.03	10.4	2.981	103.2
354	2/25/2013 1:30:51	9.43	48.93	31.73	9.56	8.04	10.2	2.892	102.4
355	2/25/2013 1:45:50	9.45	48.75	31.60	9.54	8.04	8.3	2.815	102.2
356	2/25/2013 2:00:51	9.49	48.69	31.56	9.50	8.04	11.1	2.715	101.9
357	2/25/2013 2:15:51	9.54	48.47	31.41	9.46	8.05	10.1	2.618	101.4
358	2/25/2013 2:30:51	9.51	48.38	31.34	9.45	8.05	7.2	2.529	101.2
359	2/25/2013 2:45:50	9.52	48.12	31.16	9.39	8.05	8.3	2.421	100.5
360	2/25/2013 3:00:51	9.53	48.04	31.09	9.38	8.05	6.8	2.315	100.3
361	2/25/2013 3:15:51	9.50	48.00	31.06	9.35	8.05	6.9	2.242	100.0
362	2/25/2013 3:30:51	9.54	47.79	30.92	9.34	8.05	6.2	2.154	99.8
363	2/25/2013 3:45:51	9.50	47.74	30.88	9.27	8.06	5.8	2.039	98.9
364	2/25/2013 4:00:50	9.54	47.54	30.74	9.27	8.06	5.9	1.966	98.9
365	2/25/2013 4:15:51	9.53	47.55	30.75	9.25	8.07	5.7	1.919	98.7
366	2/25/2013 4:30:50	9.54	47.39	30.63	9.26	8.07	5.8	1.849	98.8
367	2/25/2013 4:45:51	9.51	47.40	30.63	9.22	8.08	5.9	1.815	98.3
368	2/25/2013 5:00:50	9.55	47.33	30.59	9.22	8.08	5.9	1.791	98.4
369	2/25/2013 5:15:51	9.55	47.42	30.65	9.12	8.06	4.8	1.794	97.4
370	2/25/2013 5:30:51	9.58	47.43	30.66	9.19	8.07	4.5	1.812	98.2

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	2/25/2013 5:45:50	9.56	47.39	30.63	9.21	8.07	4.8	1.847	98.3
372	2/25/2013 6:00:51	9.59	47.50	30.71	9.24	8.07	4.8	1.885	98.7
373	2/25/2013 6:15:50	9.58	47.37	30.62	9.26	8.07	5.0	1.973	98.9
374	2/25/2013 6:30:51	9.51	47.27	30.54	9.26	8.06	5.1	2.050	98.6
375	2/25/2013 6:45:51	9.45	47.21	30.50	9.24	8.06	5.5	2.133	98.3
376	2/25/2013 7:00:50	9.49	47.13	30.44	9.24	8.05	5.4	2.211	98.3
377	2/25/2013 7:15:51	9.54	47.51	30.72	9.24	8.05	5.0	2.299	98.7
378	2/25/2013 7:30:51	9.50	47.93	31.01	9.28	8.04	5.3	2.392	99.2
379	2/25/2013 7:45:51	9.46	48.24	31.24	9.32	8.04	5.7	2.451	99.7
380	2/25/2013 8:00:50	9.48	48.38	31.33	9.38	8.03	5.1	2.544	100.3
381	2/25/2013 8:15:51	9.50	48.67	31.55	9.46	8.04	5.0	2.634	101.4
382	2/25/2013 8:30:51	9.48	48.77	31.62	9.47	8.04	6.0	2.715	101.5
383	2/25/2013 8:45:50	9.45	48.77	31.62	9.49	8.04	5.6	2.795	101.7
384	2/25/2013 9:00:50	9.40	49.03	31.80	9.52	8.03	6.7	2.879	102.0
385	2/25/2013 9:15:51	9.32	49.34	32.02	9.54	8.02	8.1	2.949	102.2
386	2/25/2013 9:30:51	9.27	49.22	31.93	9.56	8.02	8.2	3.038	102.3
387	2/25/2013 9:45:50	9.20	49.53	32.15	9.57	8.01	8.4	3.106	102.3
388	2/25/2013 10:00:51	9.16	49.80	32.33	9.57	8.01	8.3	3.188	102.3
389	2/25/2013 10:15:51	9.12	49.89	32.40	9.57	8.00	7.8	3.261	102.2
390	2/25/2013 10:30:50	9.05	50.01	32.48	9.49	7.99	8.1	3.322	101.4
391	2/25/2013 10:45:51	9.00	50.43	32.78	9.42	7.98	7.8	3.394	100.7
392	2/25/2013 11:00:51	8.93	50.47	32.80	9.35	7.97	7.4	3.446	99.8
393	2/25/2013 11:15:50	8.89	50.67	32.94	9.23	7.96	5.2	3.470	98.5
394	2/25/2013 11:30:50	8.89	50.62	32.91	9.18	7.96	4.3	3.493	97.9
395	2/25/2013 11:45:50	8.88	50.74	32.99	9.14	7.96	5.6	3.503	97.5
396	2/25/2013 12:00:50	8.89	50.79	33.03	9.16	7.96	7.8	3.466	97.8
397	2/25/2013 12:15:51	8.99	50.57	32.88	9.35	7.98	9.4	3.404	100.0
398	2/25/2013 12:30:51	9.36	50.06	32.54	9.73	8.02	7.8	3.343	104.6
399	2/25/2013 12:45:51	9.58	50.08	32.57	10.01	8.04	10.2	3.239	108.2
400	2/25/2013 13:00:50	9.58	50.05	32.55	9.91	8.03	11.6	3.149	107.1
401	2/25/2013 13:15:51	9.64	50.05	32.56	9.94	8.04	11.8	3.053	107.5
402	2/25/2013 13:30:50	9.78	49.87	32.43	10.03	8.05	12.2	2.927	108.8
403	2/25/2013 13:45:51	9.96	49.44	32.13	10.11	8.07	12.8	2.815	109.9
404	2/25/2013 14:00:50	10.14	49.47	32.17	10.35	8.09	12.0	2.716	112.9
405	2/25/2013 14:15:51	10.15	49.15	31.94	10.19	8.08	15.8	2.596	111.0
406	2/25/2013 14:30:51	10.12	48.68	31.59	9.89	8.08	16.9	2.458	107.5
407	2/25/2013 14:45:50	10.46	48.83	31.72	10.08	8.11	18.2	2.341	110.5
408	2/25/2013 15:00:50	10.31	48.28	31.32	9.95	8.10	21.9	2.217	108.4
409	2/25/2013 15:15:50	10.42	48.31	31.35	9.94	8.11	20.6	2.073	108.5
410	2/25/2013 15:30:50	10.50	48.23	31.29	9.90	8.11	23.6	1.943	108.3
411	2/25/2013 15:45:50	10.50	48.06	31.18	9.87	8.11	23.5	1.807	107.8
412	2/25/2013 16:00:51	10.49	48.15	31.23	9.71	8.11	22.4	1.680	106.2
413	2/25/2013 16:15:51	10.47	47.97	31.11	9.58	8.10	23.9	1.560	104.6
414	2/25/2013 16:30:50	10.47	47.97	31.11	9.52	8.09	23.8	1.444	104.0
415	2/25/2013 16:45:50	10.48	47.85	31.02	9.47	8.09	21.3	1.351	103.4
416	2/25/2013 17:00:51	10.51	47.89	31.05	9.51	8.10	20.9	1.277	103.9
417	2/25/2013 17:15:51	10.55	47.68	30.90	9.55	8.11	20.5	1.245	104.3
418	2/25/2013 17:30:50	10.61	47.53	30.80	9.57	8.11	19.1	1.215	104.6
419	2/25/2013 17:45:50	10.59	47.65	30.88	9.45	8.10	15.6	1.255	103.3
420	2/25/2013 18:00:50	10.72	47.24	30.59	9.47	8.11	18.1	1.288	103.6
421	2/25/2013 18:15:50	10.69	47.31	30.64	9.49	8.11	17.7	1.366	103.9
422	2/25/2013 18:30:50	10.70	47.19	30.56	9.52	8.11	15.6	1.426	104.1
423	2/25/2013 18:45:50	10.63	47.49	30.77	9.47	8.10	13.1	1.479	103.6

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	2/25/2013 19:00:50	10.60	47.39	30.70	9.49	8.10	11.7	1.584	103.6
425	2/25/2013 19:15:51	10.61	46.92	30.36	9.59	8.11	15.8	1.672	104.6
426	2/25/2013 19:30:51	10.55	46.72	30.21	9.62	8.11	12.6	1.753	104.7
427	2/25/2013 19:45:51	10.55	46.71	30.20	9.63	8.10	11.9	1.836	104.7
428	2/25/2013 20:00:51	10.53	47.02	30.43	9.59	8.10	10.3	1.928	104.4
429	2/25/2013 20:15:51	10.47	46.87	30.31	9.62	8.10	11.1	2.039	104.5
430	2/25/2013 20:30:50	10.39	47.10	30.48	9.65	8.09	10.8	2.141	104.7
431	2/25/2013 20:45:50	10.24	47.29	30.61	9.63	8.08	10.0	2.239	104.3
432	2/25/2013 21:00:50	10.18	48.02	31.12	9.64	8.07	8.8	2.329	104.7
433	2/25/2013 21:15:51	10.16	48.22	31.27	9.68	8.07	10.4	2.442	105.0
434	2/25/2013 21:30:51	10.08	48.14	31.21	9.73	8.07	10.9	2.547	105.4
435	2/25/2013 21:45:51	10.03	48.42	31.40	9.69	8.07	11.5	2.651	105.0
436	2/25/2013 22:00:50	9.95	48.58	31.51	9.68	8.05	13.3	2.747	104.8
437	2/25/2013 22:15:51	9.86	48.87	31.71	9.66	8.05	14.8	2.847	104.5
438	2/25/2013 22:30:51	9.66	49.06	31.84	9.65	8.03	16.0	2.923	104.0
439	2/25/2013 22:45:51	9.59	49.29	32.00	9.60	8.03	12.6	2.994	103.5
440	2/25/2013 23:00:51	9.51	49.60	32.22	9.58	8.02	12.1	3.073	103.1
441	2/25/2013 23:15:50	9.36	49.91	32.43	9.58	8.01	12.5	3.152	103.0
442	2/25/2013 23:30:51	9.30	50.24	32.67	9.55	8.01	9.7	3.213	102.7
443	2/25/2013 23:45:51	9.26	50.37	32.76	9.55	8.01	9.2	3.281	102.6
444	2/26/2013 0:00:51	9.22	50.48	32.83	9.52	8.00	7.1	3.344	102.3
445	2/26/2013 0:15:51	9.18	50.50	32.84	9.42	7.99	5.1	3.344	101.2
446	2/26/2013 0:30:51	9.31	50.06	32.54	9.48	8.01	6.3	3.350	101.9
447	2/26/2013 0:45:51	9.20	50.52	32.86	9.47	8.00	9.1	3.333	101.7
448	2/26/2013 1:00:51	9.21	50.48	32.83	9.50	8.00	8.4	3.307	102.1
449	2/26/2013 1:15:51	9.30	49.97	32.47	9.46	8.01	10.9	3.219	101.5
450	2/26/2013 1:30:51	9.52	48.90	31.72	9.40	8.04	9.1	3.160	101.0
451	2/26/2013 1:45:51	9.41	49.50	32.14	9.46	8.02	14.2	3.090	101.6
452	2/26/2013 2:00:51	9.45	49.11	31.86	9.43	8.03	10.6	2.996	101.2
453	2/26/2013 2:15:51	9.44	49.14	31.88	9.40	8.03	9.0	2.872	100.8
454	2/26/2013 2:30:51	9.42	49.10	31.85	9.39	8.04	9.0	2.779	100.7
455	2/26/2013 2:45:50	9.45	48.97	31.76	9.39	8.03	8.4	2.682	100.6
456	2/26/2013 3:00:51	9.42	48.93	31.73	9.39	8.04	7.9	2.573	100.6
457	2/26/2013 3:15:51	9.39	48.83	31.65	9.33	8.04	8.8	2.499	99.8
458	2/26/2013 3:30:50	9.39	48.47	31.40	9.29	8.04	8.7	2.364	99.3
459	2/26/2013 3:45:51	9.41	48.34	31.31	9.21	8.04	8.5	2.262	98.4
460	2/26/2013 4:00:51	9.44	48.34	31.30	9.25	8.04	8.6	2.162	98.9
461	2/26/2013 4:15:50	9.59	47.87	30.98	9.21	8.05	9.2	2.094	98.5
462	2/26/2013 4:30:51	9.51	47.74	30.88	9.09	8.05	9.2	2.008	97.0
463	2/26/2013 4:45:51	9.42	47.74	30.88	9.04	8.05	9.4	1.909	96.3
464	2/26/2013 5:00:50	9.38	47.48	30.69	9.03	8.05	9.8	1.801	96.0
465	2/26/2013 5:15:51	9.44	47.51	30.71	8.99	8.06	8.9	1.775	95.7
466	2/26/2013 5:30:50	9.48	47.38	30.62	8.99	8.06	8.5	1.713	95.8
467	2/26/2013 5:45:51	9.49	47.39	30.63	8.97	8.06	8.4	1.693	95.6
468	2/26/2013 6:00:51	9.42	47.47	30.68	8.89	8.05	7.5	1.704	94.6
469	2/26/2013 6:15:50	9.45	47.41	30.64	8.94	8.05	8.1	1.737	95.1
470	2/26/2013 6:30:51	9.49	47.54	30.74	8.96	8.05	7.1	1.717	95.6
471	2/26/2013 6:45:51	9.55	47.56	30.75	9.03	8.06	7.3	1.803	96.4
472	2/26/2013 7:00:51	9.49	47.55	30.74	9.07	8.06	7.8	1.879	96.7
473	2/26/2013 7:15:50	9.43	47.08	30.41	9.05	8.05	7.4	1.973	96.2
474	2/26/2013 7:30:51	9.42	47.12	30.43	9.03	8.05	7.0	2.071	96.0
475	2/26/2013 7:45:51	9.47	47.25	30.53	9.05	8.04	7.4	2.168	96.3
476	2/26/2013 8:00:51	9.54	47.57	30.76	9.12	8.05	7.6	2.251	97.3

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	2/26/2013 8:15:50	9.53	47.84	30.95	9.16	8.04	7.3	2.355	97.9
478	2/26/2013 8:30:50	9.54	48.37	31.33	9.25	8.03	7.0	2.427	99.1
479	2/26/2013 8:45:50	9.57	48.62	31.52	9.34	8.04	6.7	2.520	100.3
480	2/26/2013 9:00:50	9.58	48.73	31.60	9.37	8.04	6.7	2.602	100.6
481	2/26/2013 9:15:50	9.56	48.79	31.64	9.40	8.04	6.5	2.689	101.0
482	2/26/2013 9:30:50	9.52	48.94	31.74	9.41	8.04	6.8	2.764	101.1
483	2/26/2013 9:45:51	9.47	49.25	31.96	9.41	8.03	8.0	2.859	101.1
484	2/26/2013 10:00:51	9.41	49.29	31.99	9.43	8.02	8.5	2.925	101.2
485	2/26/2013 10:15:51	9.32	49.60	32.20	9.42	8.02	11.4	3.004	101.0
486	2/26/2013 10:30:51	9.18	49.74	32.30	9.48	8.01	11.5	3.111	101.4
487	2/26/2013 10:45:51	9.11	49.94	32.43	9.48	8.00	11.2	3.193	101.3
488	2/26/2013 11:00:51	9.01	50.23	32.64	9.47	7.99	11.1	3.253	101.1
489	2/26/2013 11:15:50	8.96	50.34	32.71	9.50	7.99	11.2	3.343	101.4
490	2/26/2013 11:30:51	8.89	50.67	32.95	9.52	7.98	9.2	3.401	101.6
491	2/26/2013 11:45:51	8.87	50.59	32.88	9.52	7.97	6.9	3.447	101.5
492	2/26/2013 12:00:50	8.83	50.75	33.00	9.48	7.96	7.2	3.473	101.1
493	2/26/2013 12:15:51	9.13	50.22	32.64	9.71	8.01	5.4	3.497	103.9
494	2/26/2013 12:30:50	8.86	50.72	32.98	9.46	7.97	7.2	3.503	100.9
495	2/26/2013 12:45:50	8.83	50.85	33.07	9.47	7.96	8.9	3.482	101.0
496	2/26/2013 13:00:51	8.95	50.68	32.96	9.54	7.98	11.9	3.390	102.0
497	2/26/2013 13:15:50	9.49	49.62	32.23	10.11	8.06	9.1	3.331	108.8
498	2/26/2013 13:30:51	9.49	49.73	32.31	9.96	8.05	8.5	3.238	107.3
499	2/26/2013 13:45:51	9.52	49.65	32.26	9.89	8.05	9.0	3.122	106.6
500	2/26/2013 14:00:51	9.58	49.53	32.18	9.90	8.05	8.1	3.017	106.8
501	2/26/2013 14:15:51	9.73	49.45	32.12	10.04	8.07	6.4	2.928	108.6
502	2/26/2013 14:30:51	9.88	49.28	32.02	10.15	8.08	6.4	2.787	110.0
503	2/26/2013 14:45:51	9.96	49.26	32.00	10.22	8.09	5.6	2.689	111.0
504	2/26/2013 15:00:50	10.00	48.89	31.74	10.19	8.09	6.2	2.585	110.5
505	2/26/2013 15:15:51	10.08	48.75	31.64	10.28	8.10	5.7	2.425	111.6
506	2/26/2013 15:30:50	10.18	48.79	31.68	10.27	8.11	6.0	2.319	111.9
507	2/26/2013 15:45:51	10.19	48.66	31.58	10.29	8.12	7.1	2.196	112.0
508	2/26/2013 16:00:50	10.28	48.35	31.37	10.40	8.13	6.5	2.066	113.3
509	2/26/2013 16:15:51	10.29	48.38	31.39	10.35	8.14	6.3	1.942	112.8
510	2/26/2013 16:30:50	10.40	48.29	31.33	10.58	8.16	7.2	1.792	115.4
511	2/26/2013 16:45:51	10.38	48.13	31.22	10.33	8.16	7.2	1.708	112.6
512	2/26/2013 17:00:50	10.34	48.07	31.17	10.24	8.15	6.8	1.565	111.6
513	2/26/2013 17:15:50	10.30	47.85	31.01	10.15	8.14	6.4	1.454	110.4
514	2/26/2013 17:30:51	10.29	47.81	30.98	10.12	8.15	6.8	1.381	110.0
515	2/26/2013 17:45:51	10.30	47.61	30.84	10.01	8.14	6.5	1.328	108.7
516	2/26/2013 18:00:50	10.31	47.35	30.65	9.96	8.15	6.3	1.304	108.1
517	2/26/2013 18:15:51	10.26	47.66	30.87	9.91	8.14	5.4	1.296	107.5
518	2/26/2013 18:30:51	10.28	47.67	30.88	9.95	8.14	5.0	1.324	108.0
519	2/26/2013 18:45:50	10.26	47.68	30.89	9.96	8.14	5.4	1.382	108.1
520	2/26/2013 19:00:50	10.24	47.62	30.84	9.88	8.13	5.6	1.473	107.2
521	2/26/2013 19:15:50	10.21	47.58	30.81	9.88	8.13	5.6	1.588	107.1
522	2/26/2013 19:30:50	10.22	47.46	30.73	9.86	8.12	5.0	1.620	106.8
523	2/26/2013 19:45:50	10.22	47.44	30.71	9.84	8.12	4.8	1.723	106.6
524	2/26/2013 20:00:51	10.21	47.44	30.71	9.86	8.11	5.4	1.818	106.8
525	2/26/2013 20:15:50	10.21	47.50	30.75	9.85	8.11	4.9	1.893	106.7
526	2/26/2013 20:30:50	10.21	47.56	30.79	9.87	8.11	5.1	1.994	106.9
527	2/26/2013 20:45:50	10.13	47.92	31.05	9.84	8.10	5.3	2.089	106.6
528	2/26/2013 21:00:50	10.03	48.07	31.15	9.76	8.08	5.4	2.199	105.6
529	2/26/2013 21:15:51	9.99	48.26	31.29	9.76	8.08	5.6	2.289	105.5

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
530	2/26/2013 21:30:51	9.91	48.33	31.33	9.75	8.07	6.7	2.399	105.3
531	2/26/2013 21:45:51	9.89	48.71	31.61	9.78	8.07	6.2	2.479	105.8
532	2/26/2013 22:00:51	9.87	48.74	31.62	9.79	8.07	7.1	2.604	105.8
533	2/26/2013 22:15:51	9.79	48.89	31.72	9.75	8.06	7.8	2.703	105.3
534	2/26/2013 22:30:51	9.72	49.13	31.89	9.69	8.05	9.4	2.794	104.6
535	2/26/2013 22:45:51	9.59	49.28	31.99	9.68	8.04	11.7	2.888	104.3
536	2/26/2013 23:00:51	9.48	49.46	32.12	9.67	8.03	12.2	2.980	104.0
537	2/26/2013 23:15:50	9.37	49.63	32.23	9.62	8.01	10.7	3.071	103.3
538	2/26/2013 23:30:51	9.23	49.97	32.46	9.60	8.00	11.9	3.152	102.9
539	2/26/2013 23:45:50	9.09	50.23	32.64	9.63	7.99	11.0	3.241	103.0
540	2/27/2013 0:00:51	9.04	50.65	32.94	9.60	7.99	9.2	3.318	102.8
541	2/27/2013 0:15:50	8.96	50.64	32.93	9.59	7.99	7.9	3.374	102.5
542	2/27/2013 0:30:51	8.91	50.85	33.08	9.55	7.98	6.2	3.418	102.1
543	2/27/2013 0:45:51	8.88	50.87	33.08	9.51	7.97	4.8	3.450	101.6
544	2/27/2013 1:00:50	9.01	50.44	32.79	9.51	7.99	6.8	3.451	101.7
545	2/27/2013 1:15:50	8.94	50.68	32.96	9.54	7.98	9.2	3.434	101.9
546	2/27/2013 1:30:51	8.91	50.88	33.10	9.55	7.98	10.7	3.395	102.0
547	2/27/2013 1:45:51	9.02	49.94	32.43	9.47	8.00	9.3	3.337	101.0
548	2/27/2013 2:00:50	9.25	49.20	31.91	9.46	8.03	7.9	3.247	101.1
549	2/27/2013 2:15:50	9.17	49.72	32.28	9.50	8.02	15.0	3.150	101.5
550	2/27/2013 2:30:51	9.24	49.55	32.17	9.47	8.02	8.8	3.044	101.3
551	2/27/2013 2:45:51	9.26	49.56	32.17	9.45	8.02	7.5	2.951	101.2
552	2/27/2013 3:00:51	9.26	49.41	32.06	9.44	8.02	6.9	2.851	101.0
553	2/27/2013 3:15:51	9.23	49.45	32.09	9.42	8.02	6.8	2.716	100.7
554	2/27/2013 3:30:51	9.24	49.32	31.99	9.42	8.02	8.7	2.603	100.7
555	2/27/2013 3:45:51	9.22	49.24	31.94	9.40	8.03	7.6	2.498	100.4
556	2/27/2013 4:00:50	9.11	49.16	31.87	9.35	8.02	6.4	2.392	99.6
557	2/27/2013 4:15:51	9.07	49.15	31.86	9.30	8.02	6.8	2.262	99.0
558	2/27/2013 4:30:51	9.27	48.53	31.43	9.29	8.04	7.1	2.162	99.0
559	2/27/2013 4:45:51	9.15	48.47	31.38	9.23	8.04	8.2	2.028	98.0
560	2/27/2013 5:00:51	9.19	48.17	31.17	9.21	8.05	8.6	1.905	97.8
561	2/27/2013 5:15:51	9.25	47.97	31.03	9.22	8.06	7.8	1.821	97.9
562	2/27/2013 5:30:51	9.26	48.12	31.13	9.19	8.06	7.2	1.729	97.7
563	2/27/2013 5:45:51	9.26	47.92	30.99	9.15	8.06	7.5	1.659	97.2
564	2/27/2013 6:00:51	9.22	47.81	30.91	9.14	8.07	7.5	1.588	96.9
565	2/27/2013 6:15:51	9.20	47.87	30.95	9.13	8.07	6.8	1.548	96.9
566	2/27/2013 6:30:51	9.20	47.79	30.90	9.15	8.07	6.5	1.538	97.1
567	2/27/2013 6:45:51	9.19	47.86	30.95	9.03	8.05	5.6	1.558	95.8
568	2/27/2013 7:00:51	9.26	47.84	30.94	9.12	8.06	5.0	1.603	96.8
569	2/27/2013 7:15:51	9.29	47.87	30.96	9.15	8.06	5.4	1.634	97.3
570	2/27/2013 7:30:50	9.26	47.75	30.87	9.17	8.06	5.5	1.718	97.4
571	2/27/2013 7:45:51	9.12	47.52	30.70	9.19	8.05	6.0	1.791	97.1
572	2/27/2013 8:00:50	9.12	47.28	30.53	9.18	8.05	5.6	1.886	97.0
573	2/27/2013 8:15:50	9.07	47.09	30.39	9.19	8.05	5.3	1.974	96.9
574	2/27/2013 8:30:50	9.12	47.29	30.53	9.17	8.05	5.2	2.067	96.9
575	2/27/2013 8:45:51	9.20	47.64	30.79	9.17	8.05	5.2	2.157	97.2
576	2/27/2013 9:00:51	9.26	47.93	31.00	9.19	8.04	4.9	2.253	97.6
577	2/27/2013 9:15:51	9.31	48.46	31.38	9.25	8.04	5.1	2.347	98.6
578	2/27/2013 9:30:51	9.36	48.73	31.58	9.41	8.04	5.0	2.429	100.5
579	2/27/2013 9:45:51	9.41	48.87	31.69	9.47	8.05	4.8	2.526	101.4
580	2/27/2013 10:00:51	9.43	48.90	31.71	9.53	8.05	5.3	2.614	102.1
581	2/27/2013 10:15:51	9.42	49.08	31.83	9.53	8.05	5.9	2.691	102.2
582	2/27/2013 10:30:51	9.40	49.20	31.92	9.52	8.04	6.5	2.783	102.0

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
583	2/27/2013 10:45:51	9.35	49.31	32.00	9.50	8.03	6.8	2.866	101.8
584	2/27/2013 11:00:51	9.32	49.46	32.10	9.49	8.02	7.6	2.949	101.6
585	2/27/2013 11:15:51	9.21	49.67	32.25	9.54	8.01	9.4	3.037	102.0
586	2/27/2013 11:30:51	9.15	49.82	32.35	9.53	8.01	9.1	3.117	101.9
587	2/27/2013 11:45:51	9.11	50.10	32.55	9.53	8.00	7.9	3.200	101.9
588	2/27/2013 12:00:51	8.94	50.21	32.61	9.51	7.98	9.2	3.271	101.4
589	2/27/2013 12:15:50	8.83	50.55	32.85	9.48	7.97	10.4	3.328	101.0
590	2/27/2013 12:30:51	8.83	50.72	32.97	9.46	7.97	6.6	3.377	100.9
591	2/27/2013 12:45:51	8.83	50.80	33.03	9.40	7.96	4.5	3.424	100.2
592	2/27/2013 13:00:50	8.85	50.76	33.00	9.34	7.96	4.8	3.448	99.6
593	2/27/2013 13:15:51	8.86	50.81	33.04	9.40	7.96	6.6	3.425	100.4
594	2/27/2013 13:30:51	8.82	50.84	33.06	9.43	7.96	7.4	3.398	100.6
595	2/27/2013 13:45:51	8.83	50.88	33.09	9.44	7.96	9.7	3.316	100.7
596	2/27/2013 14:00:51	9.55	49.79	32.36	10.19	8.06	8.3	3.264	109.9
597	2/27/2013 14:15:51	9.57	49.79	32.36	10.14	8.06	6.1	3.180	109.5
598	2/27/2013 14:30:51	9.58	49.79	32.36	9.99	8.05	6.2	3.045	107.9
599	2/27/2013 14:45:51	9.71	49.48	32.14	10.05	8.07	5.6	2.968	108.6
600	2/27/2013 15:00:51	9.69	49.49	32.15	10.10	8.07	4.8	2.876	109.2
601	2/27/2013 15:15:51	9.77	49.36	32.06	10.05	8.08	5.3	2.739	108.7
602	2/27/2013 15:30:51	9.88	49.08	31.87	10.26	8.10	5.1	2.663	111.2
603	2/27/2013 15:45:51	9.85	49.05	31.85	10.04	8.08	8.1	2.515	108.7
604	2/27/2013 16:00:51	9.93	48.88	31.73	10.40	8.11	5.9	2.404	112.7
605	2/27/2013 16:15:50	9.94	48.56	31.49	10.36	8.11	5.9	2.296	112.1
606	2/27/2013 16:30:51	9.99	48.81	31.68	10.53	8.13	5.6	2.176	114.2
607	2/27/2013 16:45:51	10.03	48.47	31.44	10.47	8.14	5.3	2.048	113.5
608	2/27/2013 17:00:50	10.09	48.42	31.41	10.65	8.15	5.7	1.907	115.5
609	2/27/2013 17:15:50	10.12	48.34	31.35	10.59	8.16	5.5	1.854	114.9
610	2/27/2013 17:30:50	10.15	48.20	31.25	10.48	8.16	5.7	1.715	113.8
611	2/27/2013 17:45:50	10.17	48.14	31.21	10.46	8.16	5.2	1.583	113.6
612	2/27/2013 18:00:50	10.19	48.04	31.14	10.46	8.16	5.0	1.516	113.5
613	2/27/2013 18:15:51	10.21	47.92	31.06	10.51	8.17	4.2	1.514	114.1
614	2/27/2013 18:30:51	10.22	47.72	30.91	10.51	8.17	4.3	1.469	114.0
615	2/27/2013 18:45:50	10.20	47.78	30.96	10.37	8.16	4.2	1.430	112.5
616	2/27/2013 19:00:50	10.21	47.80	30.97	10.43	8.16	3.5	1.458	113.2
617	2/27/2013 19:15:50	10.22	47.76	30.94	10.46	8.16	3.7	1.535	113.5
618	2/27/2013 19:30:50	10.20	47.83	30.99	10.36	8.15	3.4	1.559	112.4
619	2/27/2013 19:45:51	10.19	47.71	30.91	10.31	8.15	3.9	1.639	111.7
620	2/27/2013 20:00:50	10.17	47.54	30.78	10.29	8.14	4.2	1.717	111.4
621	2/27/2013 20:15:50	10.17	47.76	30.94	10.30	8.14	3.9	1.818	111.7
622	2/27/2013 20:30:51	10.15	47.67	30.87	10.25	8.13	3.9	1.910	111.0
623	2/27/2013 20:45:51	10.13	47.69	30.89	10.22	8.13	3.7	1.988	110.6
624	2/27/2013 21:00:51	10.13	47.71	30.90	10.23	8.13	4.0	2.093	110.7
625	2/27/2013 21:15:50	10.09	47.95	31.07	10.17	8.12	3.8	2.205	110.1
626	2/27/2013 21:30:50	9.97	48.36	31.36	10.01	8.09	4.2	2.272	108.3
627	2/27/2013 21:45:50	9.91	48.47	31.43	9.93	8.08	4.9	2.379	107.3
628	2/27/2013 22:00:51	9.86	48.82	31.68	9.88	8.07	5.0	2.510	106.8
629	2/27/2013 22:15:51	9.87	48.91	31.75	9.90	8.07	5.1	2.581	107.2
630	2/27/2013 22:30:51	9.85	48.96	31.78	9.89	8.07	6.5	2.678	107.0
631	2/27/2013 22:45:51	9.77	48.95	31.77	9.82	8.06	7.5	2.754	106.1
632	2/27/2013 23:00:51	9.71	49.34	32.05	9.75	8.05	7.7	2.841	105.4
633	2/27/2013 23:15:51	9.58	49.30	32.01	9.72	8.03	10.0	2.983	104.7
634	2/27/2013 23:30:51	9.47	49.70	32.29	9.65	8.01	11.0	3.057	103.9
635	2/27/2013 23:45:51	9.34	49.95	32.46	9.58	8.00	12.9	3.145	102.9

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	2/28/2013 0:00:51	9.18	50.15	32.59	9.55	7.98	12.5	3.227	102.3
637	2/28/2013 0:15:50	9.05	50.59	32.90	9.56	7.96	11.7	3.329	102.4
638	2/28/2013 0:30:51	8.94	50.93	33.13	9.57	7.95	10.8	3.392	102.3
639	2/28/2013 0:45:51	8.87	50.94	33.13	9.54	7.94	11.1	3.430	101.9
640	2/28/2013 1:00:51	8.80	51.18	33.30	9.43	7.93	7.5	3.571	100.6
641	2/28/2013 1:15:51	8.73	51.27	33.36	9.36	7.91	7.2	3.569	99.8
642	2/28/2013 1:30:51	9.01	50.65	32.94	9.37	7.95	8.2	3.546	100.3
643	2/28/2013 1:45:51	8.75	51.32	33.40	9.32	7.91	9.5	3.594	99.4
644	2/28/2013 2:00:51	8.75	51.09	33.23	9.33	7.91	10.8	3.510	99.4
645	2/28/2013 2:15:50	9.03	50.70	32.97	9.38	7.95	12.5	3.476	100.4
646	2/28/2013 2:30:51	9.32	50.12	32.58	9.39	7.98	6.4	3.400	100.9
647	2/28/2013 2:45:50	9.30	50.07	32.54	9.45	7.99	7.8	3.300	101.5
648	2/28/2013 3:00:50	9.32	49.96	32.46	9.49	7.99	6.3	3.215	102.0
649	2/28/2013 3:15:50	9.33	50.03	32.52	9.46	7.99	6.2	3.115	101.7
650	2/28/2013 3:30:50	9.40	49.88	32.41	9.41	7.99	6.1	2.986	101.2
651	2/28/2013 3:45:51	9.43	49.79	32.35	9.37	7.99	5.9	2.860	100.8
652	2/28/2013 4:00:51	9.48	49.70	32.29	9.32	7.99	6.2	2.749	100.4
653	2/28/2013 4:15:50	9.62	49.24	31.97	9.49	8.02	7.1	2.652	102.3
654	2/28/2013 4:30:51	9.68	49.12	31.88	9.45	8.03	9.7	2.523	101.9
655	2/28/2013 4:45:50	9.62	49.07	31.85	9.47	8.02	5.7	2.411	102.0
656	2/28/2013 5:00:51	9.82	48.64	31.54	9.44	8.04	6.4	2.283	102.0
657	2/28/2013 5:15:50	9.76	48.51	31.45	9.34	8.03	6.5	2.214	100.7
658	2/28/2013 5:30:51	9.85	48.46	31.42	9.38	8.04	7.1	2.069	101.3
659	2/28/2013 5:45:51	9.96	48.19	31.24	9.45	8.06	7.4	1.938	102.2
660	2/28/2013 6:00:50	10.01	47.89	31.02	9.48	8.07	6.1	1.845	102.5
661	2/28/2013 6:15:50	10.00	48.08	31.16	9.39	8.06	6.5	1.731	101.5
662	2/28/2013 6:30:50	10.07	47.96	31.08	9.48	8.08	5.8	1.621	102.6
663	2/28/2013 6:45:51	10.08	47.88	31.02	9.42	8.07	5.1	1.556	101.9
664	2/28/2013 7:00:50	10.10	47.64	30.84	9.37	8.07	6.1	1.538	101.3
665	2/28/2013 7:15:50	10.12	47.81	30.97	9.35	8.08	5.0	1.522	101.2
666	2/28/2013 7:30:50	10.10	47.78	30.95	9.28	8.06	4.3	1.562	100.4
667	2/28/2013 7:45:50	10.11	47.86	31.00	9.39	8.07	3.7	1.568	101.6
668	2/28/2013 8:00:50	10.11	47.74	30.92	9.44	8.08	3.7	1.628	102.1
669	2/28/2013 8:15:50	10.10	47.82	30.98	9.48	8.08	4.3	1.727	102.5
670	2/28/2013 8:30:51	10.06	47.50	30.74	9.42	8.07	4.0	1.768	101.7
671	2/28/2013 8:45:50	10.06	47.64	30.84	9.41	8.07	4.1	1.879	101.7
672	2/28/2013 9:00:50	10.03	47.48	30.73	9.38	8.06	4.1	1.964	101.1
673	2/28/2013 9:15:50	10.01	47.46	30.71	9.35	8.06	3.7	2.049	100.9
674	2/28/2013 9:30:50	10.00	47.68	30.87	9.37	8.06	4.0	2.151	101.1
675	2/28/2013 9:45:51	9.93	48.06	31.14	9.35	8.05	4.0	2.212	100.9
676	2/28/2013 10:00:51	9.91	48.21	31.24	9.35	8.04	3.8	2.314	101.0
677	2/28/2013 10:15:51	9.87	48.40	31.38	9.38	8.04	3.9	2.389	101.3
678	2/28/2013 10:30:51	9.82	48.68	31.57	9.50	8.04	5.1	2.494	102.6
679	2/28/2013 10:45:50	9.83	48.85	31.70	9.54	8.04	3.9	2.557	103.1
680	2/28/2013 11:00:51	9.81	48.89	31.73	9.58	8.04	4.0	2.657	103.5
681	2/28/2013 11:15:50	9.78	49.04	31.83	9.58	8.04	5.4	2.752	103.6
682	2/28/2013 11:30:51	9.72	49.21	31.95	9.54	8.03	5.4	2.826	103.1
683	2/28/2013 11:45:50	9.67	49.10	31.87	9.53	8.02	5.7	2.918	102.7
684	2/28/2013 12:00:51	9.61	49.36	32.05	9.50	8.01	5.9	2.986	102.4
685	2/28/2013 12:15:51	9.53	49.63	32.24	9.51	8.00	7.2	3.075	102.5
686	2/28/2013 12:30:50	9.51	49.64	32.24	9.50	7.99	6.3	3.139	102.3
687	2/28/2013 12:45:50	9.40	49.86	32.39	9.45	7.97	6.4	3.194	101.7
688	2/28/2013 13:00:50	9.31	50.15	32.60	9.40	7.96	7.7	3.267	101.0

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
689	2/28/2013 13:15:51	9.21	50.44	32.81	9.36	7.95	5.8	3.319	100.5
690	2/28/2013 13:30:51	9.19	50.57	32.90	9.30	7.94	4.7	3.343	99.9
691	2/28/2013 13:45:51	9.18	50.63	32.94	9.31	7.94	4.3	3.361	100.0
692	2/28/2013 14:00:50	9.15	50.62	32.93	9.42	7.94	6.2	3.346	101.1
693	2/28/2013 14:15:50	9.13	50.52	32.85	9.39	7.94	7.0	3.310	100.7
694	2/28/2013 14:30:50	9.18	50.50	32.84	9.40	7.94	8.4	3.275	100.9
695	2/28/2013 14:45:51	9.89	49.66	32.29	9.94	8.03	7.2	3.201	108.0
696	2/28/2013 15:00:51	9.96	49.45	32.14	10.00	8.05	8.0	3.105	108.7
697	2/28/2013 15:15:51	9.99	49.59	32.25	10.04	8.05	6.1	3.017	109.2
698	2/28/2013 15:30:50	10.07	49.33	32.06	10.07	8.06	5.0	2.921	109.6
699	2/28/2013 15:45:50	10.19	49.03	31.85	10.20	8.08	5.4	2.813	111.3
700	2/28/2013 16:00:51	10.25	49.03	31.86	10.31	8.10	4.7	2.719	112.5
701	2/28/2013 16:15:50	10.34	48.79	31.69	10.42	8.11	4.2	2.607	113.9
702	2/28/2013 16:30:50	10.36	48.71	31.63	10.38	8.10	7.0	2.510	113.5
703	2/28/2013 16:45:50	10.45	48.76	31.67	10.60	8.13	4.7	2.395	116.1
704	2/28/2013 17:00:50	10.47	48.34	31.37	10.58	8.12	5.2	2.275	115.7
705	2/28/2013 17:15:51	10.52	48.36	31.39	10.61	8.13	4.9	2.159	116.2
706	2/28/2013 17:30:51	10.58	48.40	31.42	10.69	8.15	4.3	2.041	117.2
707	2/28/2013 17:45:50	10.68	48.19	31.27	10.76	8.17	4.2	1.936	118.1
708	2/28/2013 18:00:50	10.72	48.13	31.24	10.74	8.17	4.7	1.848	118.0
709	2/28/2013 18:15:50	10.78	48.03	31.17	10.70	8.17	3.9	1.766	117.7
710	2/28/2013 18:30:50	10.83	47.89	31.07	10.70	8.17	3.9	1.675	117.7
711	2/28/2013 18:45:50	10.94	47.61	30.87	10.73	8.18	4.0	1.635	118.2
712	2/28/2013 19:00:50	10.98	47.70	30.94	10.75	8.18	3.7	1.605	118.6
713	2/28/2013 19:15:51	11.00	47.64	30.90	10.73	8.18	3.6	1.600	118.4
714	2/28/2013 19:30:51	10.96	47.67	30.91	10.62	8.17	3.1	1.590	117.1
715	2/28/2013 19:45:51	10.94	47.65	30.90	10.64	8.16	2.9	1.645	117.2
716	2/28/2013 20:00:50	10.91	47.62	30.88	10.67	8.17	3.6	1.698	117.5
717	2/28/2013 20:15:50	10.91	47.54	30.82	10.69	8.17	3.6	1.760	117.6
718	2/28/2013 20:30:51	10.92	47.64	30.90	10.61	8.16	3.7	1.833	116.9
719	2/28/2013 20:45:50	10.87	47.69	30.93	10.58	8.15	3.3	1.915	116.3
720	2/28/2013 21:00:51	10.84	47.69	30.92	10.51	8.15	3.6	2.003	115.6
721	2/28/2013 21:15:51	10.80	47.67	30.91	10.47	8.14	3.8	2.085	115.0
722	2/28/2013 21:30:51	10.76	47.76	30.97	10.45	8.14	3.2	2.184	114.7
723	2/28/2013 21:45:51	10.60	48.08	31.20	10.29	8.11	3.8	2.278	112.7
724	2/28/2013 22:00:50	10.51	48.19	31.27	10.16	8.10	3.5	2.374	111.1
725	2/28/2013 22:15:50	10.41	48.46	31.45	10.05	8.08	4.0	2.471	109.8
726	2/28/2013 22:30:50	10.26	48.66	31.59	9.93	8.07	5.1	2.565	108.2
727	2/28/2013 22:45:51	10.25	48.87	31.74	9.92	8.06	5.1	2.664	108.3
728	2/28/2013 23:00:50	10.22	48.91	31.77	9.92	8.06	5.3	2.766	108.1
729	2/28/2013 23:15:50	10.14	48.98	31.81	9.86	8.05	5.9	2.850	107.3
730	2/28/2013 23:30:51	10.05	49.17	31.95	9.78	8.03	6.7	2.935	106.4
731	2/28/2013 23:45:51	9.92	49.41	32.11	9.71	8.02	9.4	3.026	105.4
732	3/1/2013 0:00:51	9.78	49.65	32.27	9.67	8.00	10.1	3.126	104.8
733	3/1/2013 0:15:50	9.58	49.92	32.45	9.64	7.97	10.3	3.219	104.1
734	3/1/2013 0:30:51	9.46	50.26	32.69	9.61	7.96	10.3	3.299	103.7
735	3/1/2013 0:45:51	9.33	50.56	32.89	9.63	7.95	10.4	3.397	103.7
736	3/1/2013 1:00:51	9.23	50.72	33.01	9.65	7.95	11.4	3.472	103.8
737	3/1/2013 1:15:50	9.19	50.84	33.09	9.62	7.94	7.8	3.546	103.4
738	3/1/2013 1:30:50	9.16	50.91	33.14	9.56	7.94	6.4	3.615	102.8
739	3/1/2013 1:45:51	9.12	51.01	33.21	9.53	7.94	5.2	3.648	102.4
740	3/1/2013 2:00:51	9.11	50.93	33.15	9.48	7.93	5.3	3.675	101.8
741	3/1/2013 2:15:50	9.19	50.84	33.09	9.52	7.94	6.7	3.660	102.4

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
742	3/1/2013 2:30:51	9.11	50.95	33.16	9.56	7.94	9.0	3.617	102.7
743	3/1/2013 2:45:50	9.13	50.73	33.01	9.56	7.94	9.0	3.558	102.6
744	3/1/2013 3:00:50	9.62	50.07	32.57	9.49	7.97	6.7	3.470	102.7
745	3/1/2013 3:15:50	9.53	49.85	32.40	9.55	7.97	7.0	3.372	103.0
746	3/1/2013 3:30:50	9.59	50.05	32.55	9.56	7.98	6.1	3.277	103.3
747	3/1/2013 3:45:51	9.67	49.93	32.47	9.54	7.98	6.2	3.163	103.2
748	3/1/2013 4:00:50	9.64	50.03	32.54	9.50	7.98	5.7	3.058	102.8
749	3/1/2013 4:15:50	9.82	49.46	32.14	9.49	7.99	5.4	2.944	102.8
750	3/1/2013 4:30:51	9.92	49.42	32.11	9.48	8.00	5.6	2.823	103.0
751	3/1/2013 4:45:50	9.95	49.19	31.95	9.59	8.01	7.0	2.713	104.2
752	3/1/2013 5:00:50	10.10	48.99	31.82	9.59	8.03	5.9	2.591	104.3
753	3/1/2013 5:15:50	10.15	48.78	31.67	9.61	8.03	5.6	2.467	104.6
754	3/1/2013 5:30:51	10.04	49.17	31.94	9.56	8.02	5.1	2.340	104.0
755	3/1/2013 5:45:50	10.20	48.78	31.67	9.48	8.03	5.4	2.214	103.3
756	3/1/2013 6:00:50	10.42	48.33	31.37	9.58	8.06	5.4	2.094	104.7
757	3/1/2013 6:15:50	10.45	48.36	31.39	9.52	8.06	6.1	1.960	104.0
758	3/1/2013 6:30:50	10.50	48.21	31.28	9.57	8.06	5.3	1.843	104.7
759	3/1/2013 6:45:50	10.62	47.92	31.08	9.62	8.08	5.0	1.726	105.3
760	3/1/2013 7:00:51	10.71	48.00	31.14	9.62	8.08	4.9	1.629	105.6
761	3/1/2013 7:15:51	10.78	47.83	31.02	9.62	8.09	5.3	1.550	105.7
762	3/1/2013 7:30:51	10.82	47.80	31.00	9.59	8.09	4.6	1.501	105.4
763	3/1/2013 7:45:51	10.85	47.76	30.98	9.60	8.09	4.1	1.447	105.7
764	3/1/2013 8:00:50	10.83	47.71	30.94	9.46	8.08	4.7	1.448	104.0
765	3/1/2013 8:15:51	10.84	47.80	31.00	9.56	8.08	3.7	1.475	105.2
766	3/1/2013 8:30:51	10.81	47.68	30.92	9.62	8.09	3.1	1.514	105.7
767	3/1/2013 8:45:50	10.80	47.75	30.96	9.62	8.09	3.3	1.568	105.8
768	3/1/2013 9:00:50	10.80	47.67	30.91	9.65	8.09	3.4	1.636	106.0
769	3/1/2013 9:15:50	10.79	47.61	30.87	9.64	8.09	3.4	1.722	105.8
770	3/1/2013 9:30:50	10.77	47.69	30.92	9.64	8.08	3.6	1.784	105.8
771	3/1/2013 9:45:50	10.75	47.55	30.82	9.61	8.08	3.9	1.867	105.4
772	3/1/2013 10:00:51	10.71	47.66	30.89	9.56	8.07	3.6	1.959	104.8
773	3/1/2013 10:15:51	10.67	47.62	30.86	9.54	8.07	3.9	2.035	104.5
774	3/1/2013 10:30:50	10.61	47.71	30.93	9.54	8.06	3.7	2.124	104.4
775	3/1/2013 10:45:50	10.51	48.00	31.13	9.52	8.05	3.7	2.205	104.0
776	3/1/2013 11:00:50	10.39	48.28	31.33	9.48	8.04	3.5	2.294	103.5
777	3/1/2013 11:15:50	10.36	48.45	31.44	9.53	8.04	4.0	2.369	104.1
778	3/1/2013 11:30:50	10.33	48.41	31.41	9.59	8.04	4.0	2.476	104.6
779	3/1/2013 11:45:51	10.33	48.83	31.72	9.67	8.04	4.3	2.557	105.6
780	3/1/2013 12:00:51	10.28	48.83	31.71	9.67	8.04	3.7	2.634	105.5
781	3/1/2013 12:15:50	10.21	48.84	31.72	9.64	8.03	4.6	2.724	105.0
782	3/1/2013 12:30:51	10.12	49.24	32.00	9.59	8.02	5.0	2.796	104.5
783	3/1/2013 12:45:51	10.08	49.33	32.06	9.57	8.01	4.5	2.859	104.2
784	3/1/2013 13:00:51	10.04	49.43	32.14	9.58	8.01	4.9	2.924	104.3
785	3/1/2013 13:15:51	9.96	49.52	32.19	9.64	8.00	5.5	2.999	104.8
786	3/1/2013 13:30:51	9.91	49.67	32.30	9.64	8.00	5.7	3.061	104.7
787	3/1/2013 13:45:51	9.92	49.72	32.33	9.64	8.00	4.2	3.111	104.8
788	3/1/2013 14:00:51	9.80	49.94	32.48	9.60	7.99	4.5	3.154	104.2
789	3/1/2013 14:15:51	9.68	50.17	32.64	9.55	7.98	3.9	3.201	103.5
790	3/1/2013 14:30:50	9.66	50.07	32.57	9.55	7.98	3.6	3.224	103.4
791	3/1/2013 14:45:51	9.86	49.99	32.52	9.73	8.00	4.0	3.200	105.8
792	3/1/2013 15:00:50	9.69	50.07	32.57	9.53	7.97	4.2	3.193	103.3
793	3/1/2013 15:15:51	9.70	50.19	32.66	9.54	7.98	5.6	3.159	103.4
794	3/1/2013 15:30:50	9.78	49.79	32.38	9.58	7.98	5.6	3.095	103.9

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	3/1/2013 15:45:50	10.28	49.31	32.06	9.91	8.04	5.7	3.022	108.5
796	3/1/2013 16:00:51	10.38	49.49	32.20	10.07	8.05	5.2	2.928	110.5
797	3/1/2013 16:15:51	10.31	49.57	32.25	10.14	8.06	4.5	2.846	111.1
798	3/1/2013 16:30:51	10.40	49.41	32.14	10.17	8.06	4.3	2.751	111.6
799	3/1/2013 16:45:50	10.62	48.91	31.79	10.24	8.09	4.5	2.660	112.7
800	3/1/2013 17:00:50	10.67	48.67	31.62	10.25	8.09	4.3	2.562	112.7
801	3/1/2013 17:15:51	10.79	48.63	31.60	10.53	8.12	5.9	2.446	116.1
802	3/1/2013 17:30:51	10.90	48.26	31.34	10.55	8.13	4.5	2.370	116.5
803	3/1/2013 17:45:51	10.92	48.26	31.34	10.65	8.14	4.0	2.265	117.6
804	3/1/2013 18:00:51	10.85	48.52	31.53	10.66	8.15	3.7	2.177	117.6
805	3/1/2013 18:15:50	10.95	48.14	31.25	10.59	8.14	3.7	2.085	116.9
806	3/1/2013 18:30:51	11.01	48.15	31.27	10.70	8.16	3.6	1.988	118.3
807	3/1/2013 18:45:51	11.12	47.97	31.14	10.68	8.17	3.8	1.942	118.2
808	3/1/2013 19:00:51	11.20	47.96	31.14	10.78	8.18	3.9	1.855	119.5
809	3/1/2013 19:15:50	11.29	47.76	31.00	10.81	8.18	3.6	1.814	120.0
810	3/1/2013 19:30:50	11.28	47.67	30.93	10.72	8.18	3.3	1.780	119.0
811	3/1/2013 19:45:50	11.32	47.64	30.92	10.71	8.18	3.2	1.729	118.9
812	3/1/2013 20:00:50	11.33	47.64	30.91	10.59	8.17	3.0	1.719	117.6
813	3/1/2013 20:15:50	11.29	47.56	30.85	10.63	8.17	2.8	1.748	118.0
814	3/1/2013 20:30:50	11.29	47.62	30.90	10.65	8.17	2.9	1.805	118.2
815	3/1/2013 20:45:50	11.25	47.67	30.93	10.64	8.17	3.5	1.871	118.0
816	3/1/2013 21:00:51	11.19	47.74	30.98	10.59	8.16	3.4	1.919	117.3
817	3/1/2013 21:15:51	11.22	47.62	30.90	10.54	8.15	3.7	1.994	116.8
818	3/1/2013 21:30:51	11.16	47.73	30.97	10.48	8.14	3.3	2.091	116.0
819	3/1/2013 21:45:51	11.08	47.82	31.03	10.37	8.13	3.1	2.181	114.7
820	3/1/2013 22:00:50	11.04	47.70	30.94	10.34	8.12	3.2	2.247	114.1
821	3/1/2013 22:15:50	10.91	48.18	31.28	10.25	8.10	3.1	2.328	113.1
822	3/1/2013 22:30:51	10.87	48.30	31.37	10.17	8.09	3.8	2.424	112.2
823	3/1/2013 22:45:51	10.69	48.60	31.57	9.98	8.07	3.4	2.488	109.8
824	3/1/2013 23:00:50	10.59	48.68	31.63	9.91	8.06	4.2	2.579	108.8
825	3/1/2013 23:15:51	10.53	49.06	31.90	9.87	8.05	4.3	2.678	108.5
826	3/1/2013 23:30:51	10.48	49.15	31.96	9.87	8.05	4.6	2.756	108.4
827	3/1/2013 23:45:51	10.39	49.31	32.07	9.82	8.04	6.0	2.849	107.7
828	3/2/2013 0:00:51	10.23	49.36	32.10	9.75	8.02	6.5	2.916	106.6
829	3/2/2013 0:15:51	10.11	49.67	32.31	9.70	8.01	7.3	3.015	105.9
830	3/2/2013 0:30:51	9.98	49.73	32.35	9.66	8.00	8.5	3.096	105.2
831	3/2/2013 0:45:51	9.85	50.07	32.58	9.62	7.99	8.8	3.186	104.6
832	3/2/2013 1:00:51	9.69	50.25	32.70	9.55	7.98	8.6	3.307	103.6
833	3/2/2013 1:15:51	9.56	50.49	32.86	9.53	7.98	8.2	3.377	103.2
834	3/2/2013 1:30:51	9.44	50.76	33.05	9.54	7.98	8.3	3.454	103.2
835	3/2/2013 1:45:51	9.38	50.72	33.02	9.51	7.98	6.8	3.533	102.6
836	3/2/2013 2:00:51	9.31	50.91	33.15	9.45	7.97	5.5	3.579	101.9
837	3/2/2013 2:15:51	9.28	51.03	33.24	9.41	7.97	6.2	3.650	101.5
838	3/2/2013 2:30:50	9.26	50.86	33.11	9.40	7.96	4.9	3.681	101.2
839	3/2/2013 2:45:50	9.41	50.65	32.97	9.41	7.97	6.1	3.679	101.6
840	3/2/2013 3:00:50	9.31	50.81	33.08	9.39	7.97	5.7	3.653	101.2
841	3/2/2013 3:15:50	9.29	50.75	33.04	9.42	7.97	9.2	3.609	101.5
842	3/2/2013 3:30:50	9.41	50.78	33.06	9.40	7.97	7.9	3.548	101.6
843	3/2/2013 3:45:51	9.64	50.39	32.80	9.44	7.99	5.9	3.448	102.3
844	3/2/2013 4:00:51	9.55	50.56	32.92	9.47	7.99	5.3	3.343	102.6
845	3/2/2013 4:15:51	9.73	50.26	32.71	9.47	7.99	5.8	3.240	102.8
846	3/2/2013 4:30:51	9.75	50.22	32.69	9.47	7.99	5.0	3.138	102.8
847	3/2/2013 4:45:51	9.85	49.95	32.50	9.43	7.99	5.1	3.062	102.4

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
848	3/2/2013 5:00:51	10.01	49.77	32.38	9.45	8.00	5.3	2.949	102.9
849	3/2/2013 5:15:50	10.05	49.47	32.16	9.43	8.00	4.5	2.831	102.7
850	3/2/2013 5:30:50	10.13	49.27	32.02	9.46	8.01	5.6	2.706	103.2
851	3/2/2013 5:45:50	10.15	49.40	32.11	9.55	8.02	4.8	2.591	104.3
852	3/2/2013 6:00:50	10.11	49.45	32.15	9.58	8.01	4.7	2.483	104.5
853	3/2/2013 6:15:51	10.22	49.18	31.96	9.47	8.02	4.5	2.358	103.4
854	3/2/2013 6:30:51	10.24	49.21	31.99	9.48	8.02	4.5	2.232	103.5
855	3/2/2013 6:45:50	10.60	48.58	31.55	9.45	8.05	5.3	2.095	103.8
856	3/2/2013 7:00:51	10.70	48.42	31.45	9.57	8.06	5.4	1.985	105.3
857	3/2/2013 7:15:51	10.74	48.39	31.42	9.51	8.07	6.8	1.842	104.6
858	3/2/2013 7:30:51	10.76	48.30	31.36	9.54	8.07	5.1	1.733	105.0
859	3/2/2013 7:45:51	10.88	48.18	31.28	9.57	8.08	4.3	1.650	105.6
860	3/2/2013 8:00:51	10.95	48.05	31.19	9.58	8.08	4.2	1.524	105.8
861	3/2/2013 8:15:51	11.03	47.87	31.06	9.63	8.10	3.9	1.488	106.4
862	3/2/2013 8:30:51	11.09	47.84	31.05	9.60	8.10	3.6	1.413	106.2
863	3/2/2013 8:45:50	11.12	47.64	30.90	9.63	8.10	3.3	1.368	106.5
864	3/2/2013 9:00:50	11.09	47.69	30.94	9.46	8.09	3.1	1.428	104.6
865	3/2/2013 9:15:51	11.08	47.75	30.98	9.59	8.09	2.9	1.458	106.0
866	3/2/2013 9:30:51	11.05	47.90	31.09	9.61	8.09	2.6	1.479	106.2
867	3/2/2013 9:45:51	11.08	47.91	31.10	9.67	8.10	3.2	1.552	107.0
868	3/2/2013 10:00:51	11.07	47.78	31.00	9.67	8.10	3.2	1.617	106.9
869	3/2/2013 10:15:51	11.05	47.75	30.98	9.61	8.09	3.2	1.716	106.2
870	3/2/2013 10:30:50	11.04	47.61	30.88	9.59	8.08	3.4	1.752	105.9
871	3/2/2013 10:45:51	11.04	47.37	30.71	9.56	8.08	3.6	1.826	105.5
872	3/2/2013 11:00:51	10.98	47.61	30.87	9.52	8.07	3.2	1.932	104.9
873	3/2/2013 11:15:51	10.97	47.52	30.81	9.53	8.07	3.4	1.998	104.9
874	3/2/2013 11:30:51	10.96	47.31	30.66	9.54	8.07	3.4	2.086	104.9
875	3/2/2013 11:45:50	10.85	47.45	30.75	9.54	8.06	3.4	2.160	104.7
876	3/2/2013 12:00:51	10.72	48.23	31.30	9.47	8.05	3.4	2.228	104.1
877	3/2/2013 12:15:51	10.60	48.60	31.57	9.49	8.04	3.6	2.323	104.3
878	3/2/2013 12:30:50	10.60	48.53	31.52	9.53	8.04	3.7	2.419	104.6
879	3/2/2013 12:45:50	10.54	48.77	31.68	9.56	8.04	3.7	2.464	105.0
880	3/2/2013 13:00:50	10.53	48.89	31.77	9.59	8.04	3.2	2.532	105.3
881	3/2/2013 13:15:50	10.46	48.82	31.72	9.57	8.03	3.5	2.613	104.8
882	3/2/2013 13:30:51	10.36	49.04	31.87	9.53	8.02	3.6	2.664	104.3
883	3/2/2013 13:45:51	10.32	49.11	31.92	9.50	8.02	3.9	2.760	103.9
884	3/2/2013 14:00:51	10.27	49.16	31.95	9.49	8.02	3.4	2.824	103.7
885	3/2/2013 14:15:51	10.21	49.23	32.00	9.51	8.01	4.0	2.862	103.8
886	3/2/2013 14:30:51	10.13	49.54	32.22	9.51	8.01	3.7	2.908	103.8
887	3/2/2013 14:45:51	10.10	49.63	32.28	9.50	8.01	4.2	2.974	103.7
888	3/2/2013 15:00:51	10.07	49.69	32.32	9.48	8.00	3.5	3.010	103.4
889	3/2/2013 15:15:51	10.04	49.76	32.37	9.41	8.00	3.1	3.036	102.6
890	3/2/2013 15:30:51	10.22	49.55	32.23	9.54	8.02	3.4	3.048	104.4
891	3/2/2013 15:45:51	10.08	49.51	32.19	9.40	8.00	2.8	3.042	102.5
892	3/2/2013 16:00:51	9.97	49.83	32.41	9.41	7.99	5.2	3.013	102.5
893	3/2/2013 16:15:50	10.05	49.54	32.21	9.45	8.00	3.9	2.979	103.0
894	3/2/2013 16:30:51	10.10	49.56	32.23	9.47	8.01	5.9	2.924	103.3
895	3/2/2013 16:45:50	10.23	49.35	32.09	9.64	8.03	3.7	2.827	105.4
896	3/2/2013 17:00:50	10.35	49.20	31.99	9.84	8.06	3.7	2.757	107.7
897	3/2/2013 17:15:51	10.30	49.30	32.05	9.93	8.07	3.9	2.701	108.7
898	3/2/2013 17:30:51	10.30	49.25	32.02	9.89	8.06	3.9	2.620	108.2
899	3/2/2013 17:45:51	10.39	49.11	31.93	9.83	8.07	4.5	2.524	107.7
900	3/2/2013 18:00:50	10.43	49.10	31.92	9.83	8.07	4.0	2.479	107.8

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
901	3/2/2013 18:15:50	10.61	48.63	31.59	9.89	8.09	4.0	2.375	108.6
902	3/2/2013 18:30:50	10.77	48.27	31.34	9.85	8.09	4.5	2.296	108.4
903	3/2/2013 18:45:51	10.74	48.29	31.35	9.85	8.10	4.3	2.237	108.4
904	3/2/2013 19:00:51	10.82	48.07	31.20	9.82	8.10	4.0	2.137	108.1
905	3/2/2013 19:15:51	10.96	47.80	31.01	9.88	8.11	4.0	2.087	109.0
906	3/2/2013 19:30:51	10.88	47.99	31.14	9.86	8.12	4.0	1.997	108.7
907	3/2/2013 19:45:50	10.94	47.84	31.04	9.84	8.11	3.7	1.946	108.5
908	3/2/2013 20:00:51	10.97	47.78	31.00	9.88	8.12	3.5	1.933	108.9
909	3/2/2013 20:15:51	11.04	47.79	31.01	9.91	8.13	3.6	1.909	109.5
910	3/2/2013 20:30:50	11.03	47.68	30.93	9.86	8.12	3.6	1.877	108.8
911	3/2/2013 20:45:51	10.96	47.68	30.92	9.71	8.10	2.6	1.909	107.0
912	3/2/2013 21:00:50	10.93	47.69	30.93	9.68	8.09	2.8	1.907	106.6
913	3/2/2013 21:15:51	10.89	47.96	31.12	9.63	8.09	2.8	1.959	106.1
914	3/2/2013 21:30:50	10.88	47.86	31.05	9.69	8.09	3.6	2.015	106.7
915	3/2/2013 21:45:51	10.89	47.90	31.08	9.72	8.09	3.0	2.055	107.0
916	3/2/2013 22:00:51	10.88	47.84	31.03	9.73	8.09	2.9	2.137	107.2
917	3/2/2013 22:15:51	10.86	47.95	31.11	9.69	8.08	2.8	2.202	106.7
918	3/2/2013 22:30:51	10.82	47.85	31.04	9.65	8.08	2.8	2.287	106.1
919	3/2/2013 22:45:50	10.78	47.94	31.10	9.66	8.07	2.7	2.355	106.1
920	3/2/2013 23:00:51	10.67	48.52	31.52	9.64	8.06	3.7	2.427	105.9
921	3/2/2013 23:15:51	10.58	48.74	31.67	9.57	8.05	2.7	2.498	105.2
922	3/2/2013 23:30:51	10.51	48.91	31.79	9.55	8.04	3.2	2.571	104.9
923	3/2/2013 23:45:51	10.43	49.10	31.92	9.57	8.04	3.7	2.647	104.9
924	3/3/2013 0:00:51	10.35	49.26	32.03	9.54	8.03	3.9	2.726	104.5
925	3/3/2013 0:15:51	10.29	49.19	31.97	9.54	8.03	4.0	2.805	104.3
926	3/3/2013 0:30:51	10.20	49.36	32.09	9.53	8.02	4.5	2.907	104.1
927	3/3/2013 0:45:51	10.08	49.74	32.36	9.51	8.01	5.6	2.986	103.8
928	3/3/2013 1:00:51	9.95	49.66	32.29	9.52	8.00	5.7	3.058	103.5
929	3/3/2013 1:15:51	9.83	49.87	32.43	9.49	7.99	7.0	3.135	103.1
930	3/3/2013 1:30:50	9.71	49.94	32.48	9.49	7.99	6.5	3.229	102.9
931	3/3/2013 1:45:51	9.56	50.34	32.75	9.49	7.98	8.6	3.318	102.7
932	3/3/2013 2:00:51	9.44	50.39	32.78	9.48	7.97	7.7	3.394	102.3
933	3/3/2013 2:15:51	9.37	50.67	32.98	9.50	7.97	7.2	3.470	102.5
934	3/3/2013 2:30:51	9.27	50.94	33.17	9.54	7.97	7.9	3.533	102.8
935	3/3/2013 2:45:51	9.25	50.58	32.90	9.49	7.97	5.4	3.550	102.1
936	3/3/2013 3:00:50	9.24	50.95	33.17	9.42	7.96	3.6	3.602	101.4
937	3/3/2013 3:15:51	9.24	50.84	33.09	9.43	7.97	4.8	3.645	101.5
938	3/3/2013 3:30:51	9.30	50.74	33.03	9.43	7.97	6.1	3.622	101.6
939	3/3/2013 3:45:51	9.23	50.78	33.05	9.46	7.97	5.4	3.581	101.8
940	3/3/2013 4:00:51	9.25	50.71	33.00	9.46	7.97	6.2	3.544	101.9
941	3/3/2013 4:15:51	9.45	50.54	32.89	9.39	7.97	5.8	3.499	101.4
942	3/3/2013 4:30:51	9.43	50.62	32.95	9.37	7.97	6.4	3.410	101.2
943	3/3/2013 4:45:50	9.37	50.48	32.84	9.44	7.97	6.0	3.307	101.7
944	3/3/2013 5:00:51	9.42	50.49	32.85	9.44	7.98	5.4	3.230	101.8
945	3/3/2013 5:15:51	9.70	50.14	32.62	9.35	7.99	4.6	3.128	101.4
946	3/3/2013 5:30:51	9.86	49.79	32.38	9.27	7.99	4.7	3.032	100.7
947	3/3/2013 5:45:51	9.92	49.84	32.42	9.23	7.99	4.8	2.917	100.4
948	3/3/2013 6:00:51	10.08	49.49	32.18	9.23	8.00	4.9	2.823	100.6
949	3/3/2013 6:15:50	10.12	49.32	32.05	9.28	8.01	5.0	2.701	101.2
950	3/3/2013 6:30:51	9.96	49.67	32.30	9.26	8.00	4.3	2.595	100.7
951	3/3/2013 6:45:51	9.98	49.59	32.24	9.26	8.00	5.2	2.499	100.7
952	3/3/2013 7:00:50	10.29	48.95	31.80	9.22	8.02	5.7	2.366	100.7
953	3/3/2013 7:15:50	10.15	49.00	31.83	9.19	8.01	4.0	2.261	100.1

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
954	3/3/2013 7:30:50	10.28	48.89	31.76	9.15	8.02	4.9	2.133	100.0
955	3/3/2013 7:45:51	10.40	48.69	31.62	9.15	8.03	4.7	2.014	100.1
956	3/3/2013 8:00:51	10.57	48.40	31.42	9.16	8.04	4.4	1.894	100.5
957	3/3/2013 8:15:50	10.62	48.16	31.26	9.18	8.05	4.1	1.797	100.7
958	3/3/2013 8:30:50	10.72	48.12	31.23	9.21	8.06	4.7	1.694	101.2
959	3/3/2013 8:45:51	10.79	48.05	31.18	9.22	8.07	3.9	1.592	101.4
960	3/3/2013 9:00:51	10.86	47.79	31.00	9.21	8.08	3.6	1.512	101.3
961	3/3/2013 9:15:51	10.89	47.80	31.01	9.18	8.08	4.2	1.462	101.1
962	3/3/2013 9:30:51	10.91	47.78	30.99	9.19	8.08	3.8	1.417	101.2
963	3/3/2013 9:45:51	10.94	47.70	30.94	9.24	8.09	4.0	1.418	101.8
964	3/3/2013 10:00:51	10.90	47.80	31.01	9.12	8.07	2.9	1.407	100.4
965	3/3/2013 10:15:51	10.90	47.88	31.07	9.16	8.07	3.2	1.423	101.0
966	3/3/2013 10:30:51	10.90	47.73	30.96	9.16	8.07	2.7	1.473	100.9
967	3/3/2013 10:45:51	10.92	47.84	31.04	9.20	8.07	2.9	1.520	101.4
968	3/3/2013 11:00:51	10.91	47.80	31.01	9.20	8.07	2.8	1.587	101.4
969	3/3/2013 11:15:51	10.92	47.38	30.70	9.24	8.07	3.2	1.652	101.6
970	3/3/2013 11:30:51	10.88	47.26	30.62	9.22	8.06	3.5	1.728	101.3
971	3/3/2013 11:45:51	10.84	47.12	30.51	9.17	8.06	4.0	1.801	100.5
972	3/3/2013 12:00:50	10.84	47.05	30.47	9.14	8.05	3.0	1.856	100.2
973	3/3/2013 12:15:51	10.81	47.53	30.81	9.08	8.05	2.9	1.924	99.6
974	3/3/2013 12:30:51	10.78	47.71	30.94	9.04	8.05	2.3	1.997	99.2
975	3/3/2013 12:45:51	10.68	47.95	31.10	9.07	8.04	2.7	2.076	99.5
976	3/3/2013 13:00:51	10.59	48.25	31.31	9.10	8.03	2.9	2.143	99.8
977	3/3/2013 13:15:51	10.55	48.29	31.34	9.13	8.03	2.8	2.216	100.0
978	3/3/2013 13:30:50	10.60	48.26	31.32	9.19	8.03	3.4	2.296	100.8
979	3/3/2013 13:45:50	10.57	48.35	31.39	9.29	8.03	3.1	2.365	101.8
980	3/3/2013 14:00:51	10.47	48.98	31.83	9.29	8.03	3.5	2.439	101.9
981	3/3/2013 14:15:51	10.47	49.03	31.87	9.33	8.03	2.9	2.509	102.4
982	3/3/2013 14:30:51	10.41	49.11	31.93	9.31	8.02	3.6	2.575	102.0
983	3/3/2013 14:45:51	10.38	49.24	32.02	9.27	8.02	2.8	2.642	101.6
984	3/3/2013 15:00:51	10.34	49.32	32.08	9.27	8.01	2.8	2.693	101.5
985	3/3/2013 15:15:51	10.36	49.15	31.95	9.30	8.01	2.8	2.744	101.9
986	3/3/2013 15:30:51	10.31	49.23	32.00	9.29	8.01	3.0	2.794	101.6
987	3/3/2013 15:45:51	10.18	49.42	32.14	9.31	8.00	3.2	2.838	101.7
988	3/3/2013 16:00:50	10.16	49.41	32.13	9.32	8.00	2.8	2.867	101.7
989	3/3/2013 16:15:51	10.16	49.61	32.27	9.31	8.00	2.5	2.899	101.7
990	3/3/2013 16:30:51	10.16	49.38	32.11	9.20	8.00	2.3	2.911	100.4
991	3/3/2013 16:45:51	10.23	49.38	32.11	9.29	8.00	2.3	2.910	101.5
992	3/3/2013 17:00:51	10.18	49.57	32.24	9.29	8.00	2.8	2.896	101.5
993	3/3/2013 17:15:51	10.19	49.55	32.23	9.29	8.00	2.8	2.875	101.6
994	3/3/2013 17:30:51	10.22	49.58	32.25	9.29	8.00	2.7	2.832	101.6
995	3/3/2013 17:45:51	10.36	49.42	32.15	9.36	8.02	3.2	2.785	102.6
996	3/3/2013 18:00:51	10.59	49.24	32.03	9.51	8.05	3.4	2.709	104.7
997	3/3/2013 18:15:50	10.66	48.90	31.79	9.58	8.06	3.1	2.660	105.5
998	3/3/2013 18:30:50	10.65	49.01	31.87	9.61	8.07	3.1	2.594	105.9
999	3/3/2013 18:45:51	10.72	48.97	31.84	9.64	8.08	3.4	2.527	106.4
1000	3/3/2013 19:00:51	10.60	48.90	31.79	9.59	8.07	3.9	2.442	105.4
1001	3/3/2013 19:15:51	10.73	48.74	31.68	9.62	8.08	3.4	2.410	106.0
1002	3/3/2013 19:30:51	10.86	48.23	31.31	9.68	8.09	4.0	2.352	106.7
1003	3/3/2013 19:45:51	10.89	48.04	31.18	9.71	8.10	3.8	2.268	107.1
1004	3/3/2013 20:00:51	10.88	48.16	31.26	9.75	8.11	3.6	2.214	107.6
1005	3/3/2013 20:15:51	10.94	47.89	31.08	9.76	8.11	3.6	2.169	107.6
1006	3/3/2013 20:30:51	11.02	47.77	30.99	9.79	8.12	3.3	2.154	108.1

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1007	3/3/2013 20:45:51	10.99	47.83	31.03	9.70	8.11	3.1	2.085	107.0
1008	3/3/2013 21:00:50	11.02	47.74	30.97	9.72	8.11	3.3	2.079	107.4
1009	3/3/2013 21:15:51	10.87	48.13	31.24	9.18	8.06	2.0	2.093	101.2
1010	3/3/2013 21:30:51	10.90	48.04	31.18	9.41	8.08	2.1	2.069	103.7
1011	3/3/2013 21:45:51	10.94	47.89	31.08	9.66	8.10	2.8	2.079	106.5
1012	3/3/2013 22:00:51	10.95	47.82	31.02	9.78	8.11	2.5	2.094	107.8
1013	3/3/2013 22:15:51	10.87	48.12	31.24	9.49	8.08	2.4	2.145	104.6
1014	3/3/2013 22:30:51	10.85	48.13	31.24	9.49	8.07	3.1	2.186	104.6
1015	3/3/2013 22:45:51	10.84	48.18	31.28	9.53	8.08	3.1	2.221	105.0
1016	3/3/2013 23:00:51	10.88	47.90	31.08	9.63	8.09	2.9	2.304	106.0
1017	3/3/2013 23:15:51	10.82	48.43	31.46	9.41	8.06	2.1	2.350	103.8
1018	3/3/2013 23:30:51	10.80	48.43	31.46	9.42	8.06	2.5	2.405	103.8
1019	3/3/2013 23:45:51	10.78	48.59	31.57	9.43	8.06	2.5	2.472	104.0
1020	3/4/2013 0:00:51	10.67	48.63	31.59	9.45	8.05	3.9	2.533	104.0
1021	3/4/2013 0:15:51	10.56	48.93	31.80	9.43	8.04	3.7	2.602	103.7
1022	3/4/2013 0:30:51	10.43	49.19	31.98	9.35	8.02	3.1	2.668	102.6
1023	3/4/2013 0:45:50	10.31	49.22	31.99	9.35	8.01	2.9	2.750	102.3
1024	3/4/2013 1:00:51	10.24	49.42	32.14	9.32	8.01	3.0	2.812	101.9
1025	3/4/2013 1:15:51	10.17	49.63	32.29	9.34	8.01	3.0	2.886	102.1
1026	3/4/2013 1:30:50	10.10	49.74	32.36	9.32	8.00	3.9	2.969	101.8
1027	3/4/2013 1:45:50	10.01	49.51	32.19	9.34	8.00	4.7	3.055	101.7
1028	3/4/2013 2:00:50	9.89	50.04	32.56	9.32	7.99	4.2	3.121	101.4
1029	3/4/2013 2:15:51	9.80	50.04	32.56	9.32	7.99	4.2	3.197	101.2
1030	3/4/2013 2:30:50	9.67	50.20	32.66	9.34	7.99	4.4	3.273	101.2
1031	3/4/2013 2:45:51	9.51	50.47	32.85	9.37	7.98	5.4	3.355	101.3
1032	3/4/2013 3:00:51	9.42	50.57	32.91	9.35	7.98	4.5	3.417	100.9
1033	3/4/2013 3:15:51	9.38	50.58	32.92	9.31	7.98	3.9	3.465	100.4
1034	3/4/2013 3:30:51	9.32	50.68	32.99	9.25	7.97	4.3	3.518	99.7
1035	3/4/2013 3:45:51	9.24	50.79	33.06	9.30	7.98	3.5	3.555	100.1
1036	3/4/2013 4:00:51	9.24	50.81	33.07	9.24	7.97	3.2	3.576	99.4
1037	3/4/2013 4:15:51	9.34	50.74	33.03	9.24	7.98	3.6	3.601	99.7
1038	3/4/2013 4:30:51	9.27	50.84	33.10	9.23	7.97	3.9	3.583	99.4
1039	3/4/2013 4:45:51	9.25	50.80	33.07	9.29	7.98	3.9	3.558	100.0
1040	3/4/2013 5:00:51	9.33	50.63	32.95	9.28	7.98	5.2	3.505	100.0
1041	3/4/2013 5:15:50	9.70	50.04	32.55	9.16	7.99	4.1	3.430	99.2
1042	3/4/2013 5:30:51	9.71	49.93	32.47	9.17	7.99	3.9	3.364	99.3
1043	3/4/2013 5:45:50	9.68	50.09	32.59	9.18	7.99	3.6	3.276	99.5
1044	3/4/2013 6:00:51	9.79	50.09	32.59	9.12	7.99	3.4	3.175	99.0
1045	3/4/2013 6:15:51	9.91	49.81	32.39	9.14	8.00	3.9	3.081	99.4
1046	3/4/2013 6:30:51	9.93	49.74	32.35	9.07	7.99	3.7	2.982	98.7
1047	3/4/2013 6:45:50	9.96	49.56	32.22	9.07	7.99	3.6	2.887	98.6
1048	3/4/2013 7:00:51	9.98	49.70	32.33	9.03	7.99	3.6	2.799	98.3
1049	3/4/2013 7:15:51	10.06	49.58	32.24	9.06	8.00	3.6	2.686	98.8
1050	3/4/2013 7:30:51	10.05	49.34	32.07	9.15	8.01	3.7	2.602	99.7
1051	3/4/2013 7:45:51	10.20	49.14	31.94	9.16	8.02	4.2	2.483	100.0
1052	3/4/2013 8:00:51	10.19	48.98	31.82	9.24	8.03	3.9	2.373	100.8
1053	3/4/2013 8:15:50	10.38	48.62	31.57	9.34	8.05	3.6	2.268	102.1
1054	3/4/2013 8:30:50	10.26	48.52	31.49	9.52	8.06	3.7	2.164	103.8
1055	3/4/2013 8:45:51	10.31	48.41	31.41	9.65	8.08	3.7	2.048	105.2
1056	3/4/2013 9:00:51	10.43	48.34	31.37	9.71	8.09	3.3	1.951	106.1
1057	3/4/2013 9:15:50	10.58	48.12	31.22	9.67	8.10	3.5	1.828	105.9
1058	3/4/2013 9:30:51	10.63	48.21	31.29	9.69	8.10	3.2	1.732	106.3
1059	3/4/2013 9:45:51	10.67	48.17	31.27	9.72	8.11	4.0	1.642	106.7

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1060	3/4/2013 10:00:51	10.75	48.02	31.16	9.60	8.11	3.6	1.560	105.5
1061	3/4/2013 10:15:51	10.79	47.92	31.08	9.65	8.12	4.9	1.503	106.1
1062	3/4/2013 10:30:51	10.84	47.70	30.94	9.58	8.12	3.4	1.459	105.3
1063	3/4/2013 10:45:51	10.86	47.79	31.00	9.57	8.12	3.2	1.438	105.4
1064	3/4/2013 11:00:51	10.85	47.74	30.96	9.55	8.11	3.2	1.443	105.0
1065	3/4/2013 11:15:51	10.84	47.87	31.05	9.53	8.11	3.2	1.444	104.8
1066	3/4/2013 11:30:51	10.81	47.82	31.02	9.47	8.10	3.2	1.486	104.1
1067	3/4/2013 11:45:51	10.82	47.95	31.11	9.48	8.10	2.9	1.549	104.3
1068	3/4/2013 12:00:51	10.84	47.01	30.44	9.46	8.09	4.4	1.590	103.7
1069	3/4/2013 12:15:51	10.86	46.62	30.16	9.40	8.09	4.2	1.644	102.9
1070	3/4/2013 12:30:51	10.81	47.04	30.46	9.36	8.08	3.4	1.708	102.6
1071	3/4/2013 12:45:51	10.78	47.20	30.57	9.34	8.08	3.2	1.776	102.3
1072	3/4/2013 13:00:51	10.77	47.33	30.66	9.31	8.08	3.3	1.810	102.0
1073	3/4/2013 13:15:51	10.76	47.51	30.79	9.34	8.08	3.6	1.884	102.5
1074	3/4/2013 13:30:51	10.85	47.19	30.57	9.38	8.08	3.4	1.950	102.9
1075	3/4/2013 13:45:51	10.76	47.74	30.95	9.32	8.07	3.1	2.010	102.3
1076	3/4/2013 14:00:51	10.69	48.01	31.14	9.20	8.06	2.6	2.074	101.0
1077	3/4/2013 14:15:51	10.60	48.23	31.30	9.17	8.05	2.6	2.138	100.5
1078	3/4/2013 14:30:51	10.50	48.48	31.47	9.15	8.04	2.8	2.225	100.3
1079	3/4/2013 14:45:50	10.45	48.61	31.56	9.20	8.03	2.9	2.294	100.7
1080	3/4/2013 15:00:51	10.47	48.82	31.72	9.21	8.03	2.6	2.350	100.9
1081	3/4/2013 15:15:51	10.48	49.01	31.85	9.21	8.03	2.4	2.429	101.1
1082	3/4/2013 15:30:51	10.42	49.10	31.92	9.19	8.02	2.8	2.496	100.7
1083	3/4/2013 15:45:50	10.42	48.82	31.71	9.17	8.02	2.6	2.544	100.3
1084	3/4/2013 16:00:51	10.45	48.99	31.84	9.19	8.02	2.6	2.609	100.7
1085	3/4/2013 16:15:50	10.40	48.94	31.80	9.14	8.02	2.6	2.668	100.1
1086	3/4/2013 16:30:51	10.33	49.16	31.95	9.11	8.01	2.4	2.714	99.7
1087	3/4/2013 16:45:51	10.28	49.14	31.94	9.11	8.01	2.3	2.762	99.6
1088	3/4/2013 17:00:50	10.25	49.15	31.94	9.09	8.00	2.2	2.801	99.3
1089	3/4/2013 17:15:51	10.21	49.40	32.12	9.13	8.00	2.6	2.838	99.8
1090	3/4/2013 17:30:51	10.22	49.28	32.04	9.12	8.00	2.0	2.867	99.7
1091	3/4/2013 17:45:51	10.22	49.46	32.17	9.06	8.00	1.8	2.884	99.0
1092	3/4/2013 18:00:51	10.25	49.27	32.03	9.11	8.00	2.3	2.886	99.6
1093	3/4/2013 18:15:51	10.23	49.46	32.17	9.04	8.00	2.2	2.899	98.9
1094	3/4/2013 18:30:51	10.22	49.30	32.05	9.12	8.00	2.8	2.868	99.6
1095	3/4/2013 18:45:51	10.22	49.42	32.13	9.10	8.00	2.6	2.826	99.5
1096	3/4/2013 19:00:51	10.22	49.22	31.99	9.07	8.00	2.8	2.804	99.1
1097	3/4/2013 19:15:51	10.27	49.30	32.05	9.10	8.01	2.8	2.745	99.5
1098	3/4/2013 19:30:51	10.33	49.03	31.86	9.20	8.02	3.1	2.695	100.6
1099	3/4/2013 19:45:51	10.46	49.05	31.88	9.30	8.04	3.2	2.637	102.0
1100	3/4/2013 20:00:51	10.76	48.91	31.80	9.57	8.11	3.4	2.579	105.6
1101	3/4/2013 20:15:51	10.50	48.99	31.84	9.58	8.11	3.2	2.529	105.1
1102	3/4/2013 20:30:51	10.38	48.81	31.71	9.26	8.07	3.2	2.467	101.3
1103	3/4/2013 20:45:51	10.36	48.87	31.75	9.25	8.07	3.3	2.401	101.2
1104	3/4/2013 21:00:51	10.41	48.64	31.58	9.25	8.07	3.1	2.371	101.2
1105	3/4/2013 21:15:51	10.39	48.62	31.57	9.37	8.09	2.9	2.320	102.4
1106	3/4/2013 21:30:51	10.51	48.38	31.40	9.41	8.08	2.9	2.287	103.0
1107	3/4/2013 21:45:51	10.51	48.29	31.34	9.40	8.09	2.6	2.271	102.9
1108	3/4/2013 22:00:51	10.54	48.19	31.27	9.29	8.08	2.2	2.255	101.7
1109	3/4/2013 22:15:51	10.47	48.52	31.50	9.01	8.05	1.8	2.245	98.6
1110	3/4/2013 22:30:51	10.51	48.65	31.60	9.06	8.05	1.7	2.241	99.3
1111	3/4/2013 22:45:51	10.42	48.53	31.51	9.22	8.07	2.3	2.270	100.8
1112	3/4/2013 23:00:51	10.42	48.53	31.51	9.29	8.07	2.7	2.291	101.6

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1113	3/4/2013 23:15:51	10.48	48.65	31.60	9.23	8.07	2.9	2.317	101.2
1114	3/4/2013 23:30:51	10.50	48.78	31.69	9.19	8.06	2.3	2.345	100.7
1115	3/4/2013 23:45:51	10.47	48.79	31.69	9.24	8.05	2.4	2.380	101.2
1116	3/5/2013 0:00:51	10.39	48.57	31.53	9.22	8.05	3.0	2.438	100.8
1117	3/5/2013 0:15:50	10.41	48.54	31.51	9.19	8.04	2.9	2.482	100.5
1118	3/5/2013 0:30:51	10.41	48.81	31.71	9.16	8.04	2.1	2.533	100.3
1119	3/5/2013 0:45:50	10.35	49.01	31.85	9.12	8.02	2.5	2.591	99.8
1120	3/5/2013 1:00:51	10.25	49.09	31.90	9.08	8.02	2.7	2.640	99.2
1121	3/5/2013 1:15:50	10.16	49.27	32.03	9.08	8.01	2.8	2.691	99.1
1122	3/5/2013 1:30:51	10.09	49.50	32.19	9.06	8.00	2.5	2.744	98.8
1123	3/5/2013 1:45:51	10.02	49.72	32.34	9.05	8.00	2.8	2.808	98.6
1124	3/5/2013 2:00:51	9.94	49.83	32.42	9.07	7.99	3.0	2.880	98.8
1125	3/5/2013 2:15:51	9.90	49.86	32.43	9.07	7.99	3.1	2.956	98.6
1126	3/5/2013 2:30:51	9.83	50.04	32.56	9.08	7.99	2.9	3.013	98.7
1127	3/5/2013 2:45:51	9.78	50.03	32.55	9.09	7.99	3.3	3.074	98.6
1128	3/5/2013 3:00:51	9.70	50.11	32.60	9.10	7.99	3.4	3.153	98.6
1129	3/5/2013 3:15:51	9.57	50.37	32.78	9.06	7.98	3.2	3.226	98.0
1130	3/5/2013 3:30:51	9.51	50.51	32.88	9.03	7.98	3.4	3.292	97.6
1131	3/5/2013 3:45:51	9.42	50.48	32.84	9.00	7.97	3.3	3.342	97.1
1132	3/5/2013 4:00:51	9.30	50.54	32.88	8.95	7.97	3.9	3.410	96.4
1133	3/5/2013 4:15:51	9.22	50.70	32.99	8.91	7.97	3.0	3.448	95.8
1134	3/5/2013 4:30:51	9.14	50.77	33.04	8.89	7.96	3.3	3.517	95.4
1135	3/5/2013 4:45:51	9.11	50.79	33.05	8.78	7.96	3.6	3.538	94.2
1136	3/5/2013 5:00:51	9.09	50.97	33.17	8.82	7.96	2.8	3.552	94.7
1137	3/5/2013 5:15:51	9.08	50.74	33.01	8.70	7.96	2.5	3.551	93.2
1138	3/5/2013 5:30:51	9.06	50.77	33.03	8.79	7.96	2.5	3.576	94.2
1139	3/5/2013 5:45:51	9.06	50.97	33.17	8.77	7.96	2.3	3.541	94.1
1140	3/5/2013 6:00:51	9.08	50.86	33.10	8.79	7.96	3.9	3.529	94.3
1141	3/5/2013 6:15:51	9.34	50.35	32.74	8.92	7.98	3.0	3.475	96.0
1142	3/5/2013 6:30:51	9.34	50.29	32.70	8.90	7.98	3.0	3.406	95.8
1143	3/5/2013 6:45:51	9.36	50.29	32.70	8.83	7.97	3.6	3.349	95.0
1144	3/5/2013 7:00:51	9.46	49.91	32.44	8.92	7.98	3.3	3.238	96.1
1145	3/5/2013 7:15:51	9.52	50.03	32.53	8.90	7.98	3.1	3.167	96.0
1146	3/5/2013 7:30:51	9.61	49.78	32.36	8.93	7.99	3.4	3.088	96.5
1147	3/5/2013 7:45:51	9.68	49.76	32.34	8.92	7.99	2.7	2.979	96.5
1148	3/5/2013 8:00:51	9.68	49.82	32.39	8.92	7.99	3.1	2.894	96.5
1149	3/5/2013 8:15:51	9.65	49.77	32.35	8.94	7.99	2.8	2.818	96.7
1150	3/5/2013 8:30:51	9.73	49.67	32.29	8.91	7.99	2.9	2.691	96.4
1151	3/5/2013 8:45:51	9.80	49.56	32.21	8.92	8.00	3.6	2.585	96.6
1152	3/5/2013 9:00:51	9.76	49.52	32.18	8.98	8.00	3.4	2.501	97.2
1153	3/5/2013 9:15:51	9.88	49.18	31.94	9.02	8.02	4.0	2.385	97.8
1154	3/5/2013 9:30:50	9.87	49.01	31.82	9.08	8.03	4.5	2.238	98.3
1155	3/5/2013 9:45:51	9.94	49.10	31.88	9.14	8.04	5.0	2.168	99.2
1156	3/5/2013 10:00:51	10.12	48.63	31.56	9.10	8.05	4.2	2.056	98.9
1157	3/5/2013 10:15:51	10.05	48.84	31.71	9.28	8.06	5.9	1.937	100.8
1158	3/5/2013 10:30:51	10.11	48.61	31.54	9.41	8.09	5.7	1.850	102.3
1159	3/5/2013 10:45:51	10.21	48.38	31.38	9.46	8.12	6.8	1.742	102.9
1160	3/5/2013 11:00:51	10.28	48.16	31.23	9.52	8.14	6.8	1.634	103.6
1161	3/5/2013 11:15:51	10.33	47.95	31.08	9.53	8.15	6.5	1.559	103.7
1162	3/5/2013 11:30:51	10.36	48.00	31.12	9.51	8.16	6.1	1.502	103.6
1163	3/5/2013 11:45:51	10.38	47.79	30.97	9.50	8.16	5.1	1.450	103.5
1164	3/5/2013 12:00:51	10.39	47.92	31.07	9.46	8.16	6.6	1.429	103.1
1165	3/5/2013 12:15:51	10.38	47.96	31.09	9.39	8.15	3.9	1.413	102.4

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1166	3/5/2013 12:30:51	10.37	48.03	31.15	9.46	8.15	4.5	1.415	103.1
1167	3/5/2013 12:45:51	10.35	48.10	31.19	9.41	8.14	4.5	1.486	102.6
1168	3/5/2013 13:00:51	10.34	48.02	31.14	9.37	8.13	4.3	1.527	102.1
1169	3/5/2013 13:15:51	10.24	47.39	30.68	9.31	8.11	5.0	1.597	100.8
1170	3/5/2013 13:30:50	10.17	46.72	30.19	9.27	8.10	4.3	1.615	100.0
1171	3/5/2013 13:45:51	10.20	46.78	30.24	9.25	8.10	3.9	1.700	99.8
1172	3/5/2013 14:00:51	10.21	47.50	30.75	9.17	8.09	3.4	1.749	99.4
1173	3/5/2013 14:15:51	10.20	47.59	30.82	9.09	8.07	3.3	1.824	98.4
1174	3/5/2013 14:30:51	10.17	47.33	30.63	9.12	8.08	2.9	1.903	98.7
1175	3/5/2013 14:45:51	10.16	47.71	30.90	9.02	8.06	2.6	1.926	97.7
1176	3/5/2013 15:00:51	10.07	48.18	31.23	8.96	8.05	3.0	2.015	97.1
1177	3/5/2013 15:15:51	10.03	48.50	31.46	8.92	8.03	2.6	2.088	96.6
1178	3/5/2013 15:30:51	10.01	48.65	31.57	8.95	8.03	2.7	2.140	97.0
1179	3/5/2013 15:45:50	10.01	48.54	31.48	8.94	8.03	3.4	2.211	96.9
1180	3/5/2013 16:00:50	10.01	48.47	31.44	8.97	8.03	3.6	2.311	97.1
1181	3/5/2013 16:15:51	9.99	48.72	31.61	8.98	8.03	4.0	2.357	97.4
1182	3/5/2013 16:30:51	9.96	48.91	31.75	8.96	8.02	3.5	2.432	97.2
1183	3/5/2013 16:45:51	9.91	48.99	31.81	8.94	8.01	3.5	2.500	96.9
1184	3/5/2013 17:00:51	9.87	49.09	31.87	8.92	8.01	4.0	2.559	96.6
1185	3/5/2013 17:15:51	9.84	49.18	31.94	8.89	8.00	3.2	2.602	96.2
1186	3/5/2013 17:30:51	9.82	49.32	32.04	8.88	8.00	3.4	2.658	96.2
1187	3/5/2013 17:45:51	9.76	49.45	32.13	8.89	7.99	3.5	2.730	96.2
1188	3/5/2013 18:00:51	9.71	49.45	32.12	8.91	7.99	3.1	2.785	96.3
1189	3/5/2013 18:15:51	9.65	49.63	32.25	8.90	7.99	3.4	2.841	96.1
1190	3/5/2013 18:30:51	9.63	49.59	32.22	8.88	7.99	2.8	2.888	95.9
1191	3/5/2013 18:45:51	9.58	49.78	32.35	8.88	7.98	2.8	2.940	95.8
1192	3/5/2013 19:00:51	9.53	49.94	32.47	8.85	7.98	2.5	2.946	95.5
1193	3/5/2013 19:15:51	9.53	49.71	32.30	8.83	7.98	2.5	2.962	95.1
1194	3/5/2013 19:30:50	9.54	49.78	32.35	8.82	7.98	2.5	2.979	95.1
1195	3/5/2013 19:45:51	9.58	49.50	32.15	8.80	7.98	3.6	2.986	94.9
1196	3/5/2013 20:00:51	9.57	49.19	31.93	8.91	8.00	3.9	2.945	95.9
1197	3/5/2013 20:15:51	9.55	49.31	32.01	8.90	7.99	4.3	2.906	95.8
1198	3/5/2013 20:30:51	9.56	49.04	31.82	8.91	8.00	6.3	2.872	95.8
1199	3/5/2013 20:45:51	9.65	49.08	31.86	8.78	7.99	4.0	2.832	94.7
1200	3/5/2013 21:00:51	9.70	48.86	31.70	8.81	8.00	4.4	2.762	94.9
1201	3/5/2013 21:15:51	9.67	48.69	31.57	8.84	8.00	4.4	2.736	95.1
1202	3/5/2013 21:30:51	9.63	48.91	31.73	8.85	8.00	4.1	2.690	95.2
1203	3/5/2013 21:45:51	9.61	48.71	31.59	8.83	8.00	4.8	2.621	94.9
1204	3/5/2013 22:00:51	9.62	48.62	31.52	8.81	8.00	5.4	2.565	94.7
1205	3/5/2013 22:15:51	9.66	48.48	31.42	8.79	8.00	5.7	2.533	94.5
1206	3/5/2013 22:30:51	9.70	48.21	31.23	8.81	8.01	5.7	2.472	94.7
1207	3/5/2013 22:45:51	9.59	48.18	31.20	8.79	8.00	6.7	2.440	94.2
1208	3/5/2013 23:00:51	9.65	48.06	31.12	8.78	8.01	5.4	2.410	94.2
1209	3/5/2013 23:15:51	9.62	47.86	30.97	8.83	8.02	5.3	2.390	94.5
1210	3/5/2013 23:30:51	9.64	47.69	30.85	8.76	8.02	4.3	2.362	93.8
1211	3/5/2013 23:45:51	9.73	48.56	31.48	8.63	8.00	3.1	2.326	93.0
1212	3/6/2013 0:00:51	9.71	48.42	31.38	8.49	7.99	2.9	2.327	91.3
1213	3/6/2013 0:15:51	9.58	48.06	31.12	8.73	8.00	4.9	2.361	93.5
1214	3/6/2013 0:30:51	9.61	47.61	30.80	8.77	8.01	3.8	2.360	93.8
1215	3/6/2013 0:45:51	9.67	48.45	31.40	8.68	8.00	4.2	2.383	93.4
1216	3/6/2013 1:00:51	9.65	48.38	31.35	8.71	8.00	4.4	2.413	93.6
1217	3/6/2013 1:15:51	9.64	48.46	31.41	8.69	7.99	3.9	2.446	93.3
1218	3/6/2013 1:30:51	9.58	48.35	31.32	8.74	7.99	3.7	2.505	93.7

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1219	3/6/2013 1:45:51	9.64	48.61	31.52	8.70	7.99	3.5	2.542	93.5
1220	3/6/2013 2:00:50	9.54	48.92	31.73	8.75	7.98	3.6	2.600	94.0
1221	3/6/2013 2:15:51	9.50	49.02	31.80	8.80	7.98	3.7	2.660	94.5
1222	3/6/2013 2:30:51	9.47	49.08	31.84	8.81	7.98	3.3	2.712	94.5
1223	3/6/2013 2:45:51	9.44	49.43	32.09	8.84	7.98	3.4	2.788	94.9
1224	3/6/2013 3:00:51	9.42	49.66	32.26	8.85	7.98	3.6	2.856	95.1
1225	3/6/2013 3:15:51	9.38	49.55	32.17	8.87	7.98	3.7	2.928	95.2
1226	3/6/2013 3:30:51	9.37	49.70	32.28	8.88	7.98	3.1	2.988	95.3
1227	3/6/2013 3:45:51	9.37	49.83	32.37	8.90	7.98	3.7	3.064	95.6
1228	3/6/2013 4:00:51	9.33	49.61	32.22	8.92	7.98	4.0	3.152	95.6
1229	3/6/2013 4:15:51	9.25	49.79	32.33	8.95	7.98	3.7	3.217	95.9
1230	3/6/2013 4:30:51	9.15	49.95	32.44	9.02	7.98	4.0	3.266	96.5
1231	3/6/2013 4:45:51	9.06	49.84	32.36	9.04	7.97	3.9	3.343	96.5
1232	3/6/2013 5:00:51	8.99	50.19	32.60	9.09	7.97	4.3	3.409	97.0
1233	3/6/2013 5:15:51	8.95	50.15	32.57	9.06	7.97	3.7	3.450	96.6
1234	3/6/2013 5:30:51	8.94	50.34	32.71	9.06	7.97	3.2	3.507	96.7
1235	3/6/2013 5:45:51	8.91	50.25	32.64	9.01	7.97	3.2	3.529	96.0
1236	3/6/2013 6:00:51	8.90	50.24	32.64	8.82	7.96	2.7	3.574	94.0
1237	3/6/2013 6:15:51	8.91	50.26	32.65	8.73	7.95	2.2	3.588	93.1
1238	3/6/2013 6:30:51	8.91	50.26	32.65	8.75	7.95	3.6	3.581	93.3
1239	3/6/2013 6:45:51	8.93	50.31	32.69	9.04	7.97	4.2	3.568	96.4
1240	3/6/2013 7:00:51	8.89	50.38	32.73	9.07	7.97	3.3	3.550	96.7
1241	3/6/2013 7:15:51	8.95	50.16	32.58	9.02	7.97	3.7	3.510	96.2
1242	3/6/2013 7:30:51	8.93	49.87	32.37	9.03	7.98	3.5	3.435	96.1
1243	3/6/2013 7:45:51	9.10	49.70	32.26	8.92	7.97	3.7	3.391	95.2
1244	3/6/2013 8:00:51	9.14	49.40	32.05	8.90	7.98	5.0	3.323	94.9
1245	3/6/2013 8:15:51	9.09	49.12	31.84	8.89	7.98	4.5	3.241	94.6
1246	3/6/2013 8:30:51	9.09	49.24	31.93	8.92	7.98	5.1	3.148	95.0
1247	3/6/2013 8:45:51	9.10	48.92	31.70	8.94	7.98	4.3	3.054	95.1
1248	3/6/2013 9:00:51	9.13	48.81	31.62	8.92	7.98	3.9	2.970	94.8
1249	3/6/2013 9:15:51	9.17	48.77	31.60	8.94	7.99	3.9	2.872	95.2
1250	3/6/2013 9:30:51	9.29	48.99	31.76	8.97	7.99	4.5	2.776	95.9
1251	3/6/2013 9:45:51	9.38	49.09	31.84	9.00	8.00	4.8	2.683	96.5
1252	3/6/2013 10:00:51	9.38	48.35	31.31	9.06	8.01	5.6	2.581	96.7
1253	3/6/2013 10:15:51	9.41	48.53	31.44	9.05	8.02	6.2	2.465	96.8
1254	3/6/2013 10:30:51	9.46	48.21	31.22	9.32	8.05	9.5	2.345	99.6
1255	3/6/2013 10:45:51	9.51	47.69	30.84	9.29	8.06	6.8	2.264	99.2
1256	3/6/2013 11:00:51	9.69	47.89	31.00	9.55	8.07	5.0	2.138	102.5
1257	3/6/2013 11:15:51	9.79	48.10	31.16	9.65	8.08	5.0	2.017	103.9
1258	3/6/2013 11:30:51	9.74	47.50	30.72	9.57	8.09	5.5	1.901	102.5
1259	3/6/2013 11:45:50	9.68	47.20	30.51	9.51	8.09	5.0	1.790	101.7
1260	3/6/2013 12:00:50	9.79	47.59	30.79	9.63	8.11	4.8	1.690	103.3
1261	3/6/2013 12:15:51	9.74	47.43	30.67	9.60	8.11	6.6	1.589	102.9
1262	3/6/2013 12:30:51	9.72	47.17	30.49	9.49	8.11	4.3	1.534	101.6
1263	3/6/2013 12:45:51	9.74	47.14	30.47	9.45	8.11	4.2	1.455	101.1
1264	3/6/2013 13:00:51	9.77	46.98	30.36	9.40	8.11	3.6	1.407	100.6
1265	3/6/2013 13:15:51	9.99	46.94	30.34	9.53	8.12	4.8	1.392	102.5
1266	3/6/2013 13:30:51	9.90	47.09	30.44	9.49	8.11	7.5	1.394	101.9
1267	3/6/2013 13:45:51	9.86	47.13	30.47	9.41	8.10	5.7	1.417	101.0
1268	3/6/2013 14:00:51	9.89	43.38	27.80	9.46	8.08	19.3	1.455	99.8
1269	3/6/2013 14:15:51	9.83	45.64	29.40	9.32	8.08	7.0	1.502	99.3
1270	3/6/2013 14:30:51	9.80	46.93	30.32	9.25	8.08	4.0	1.567	99.0
1271	3/6/2013 14:45:51	9.79	46.98	30.35	9.25	8.08	3.9	1.613	99.1

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1272	3/6/2013 15:00:51	9.78	46.92	30.31	9.25	8.07	3.5	1.693	98.9
1273	3/6/2013 15:15:51	9.75	47.08	30.42	9.22	8.07	3.2	1.750	98.7
1274	3/6/2013 15:30:51	9.71	46.80	30.22	9.17	8.06	3.1	1.816	97.9
1275	3/6/2013 15:45:51	9.66	46.78	30.20	9.12	8.05	3.4	1.888	97.3
1276	3/6/2013 16:00:51	9.64	46.64	30.10	9.09	8.05	3.3	1.957	96.9
1277	3/6/2013 16:15:51	9.64	46.27	29.83	9.07	8.04	5.9	2.028	96.5
1278	3/6/2013 16:30:51	9.67	46.30	29.86	9.05	8.04	5.1	2.115	96.3
1279	3/6/2013 16:45:51	9.67	46.28	29.84	9.05	8.03	4.8	2.198	96.3
1280	3/6/2013 17:00:51	9.60	46.82	30.23	8.98	8.02	4.2	2.258	95.7
1281	3/6/2013 17:15:51	9.67	46.91	30.30	8.98	8.02	6.3	2.335	95.9
1282	3/6/2013 17:30:51	9.65	46.79	30.21	9.00	8.01	7.0	2.418	96.0
1283	3/6/2013 17:45:51	9.59	47.18	30.49	8.98	8.01	6.2	2.480	95.7
1284	3/6/2013 18:00:51	9.57	47.47	30.69	8.91	8.00	6.5	2.565	95.1
1285	3/6/2013 18:15:51	9.53	47.70	30.85	8.88	8.00	5.1	2.631	94.8
1286	3/6/2013 18:30:51	9.51	47.78	30.91	8.85	8.00	4.7	2.680	94.5
1287	3/6/2013 18:45:51	9.49	47.87	30.98	8.82	8.00	5.9	2.763	94.1
1288	3/6/2013 19:00:51	9.48	47.99	31.06	8.81	7.99	5.3	2.821	94.1
1289	3/6/2013 19:15:51	9.46	47.81	30.93	8.82	7.99	5.2	2.867	94.1
1290	3/6/2013 19:30:51	9.45	48.00	31.06	8.81	7.98	5.6	2.915	94.1
1291	3/6/2013 19:45:51	9.47	48.00	31.06	8.87	7.98	6.3	2.977	94.7
1292	3/6/2013 20:00:51	9.48	48.20	31.21	8.85	7.97	4.7	3.015	94.6
1293	3/6/2013 20:15:51	9.48	48.08	31.12	8.79	7.97	4.2	3.042	93.9
1294	3/6/2013 20:30:51	9.45	48.11	31.14	8.78	7.98	5.3	3.048	93.8
1295	3/6/2013 20:45:51	9.45	48.21	31.22	8.83	7.98	5.7	3.066	94.4
1296	3/6/2013 21:00:51	9.46	48.31	31.28	8.79	7.97	5.5	3.049	93.9
1297	3/6/2013 21:15:51	9.46	48.25	31.24	8.85	7.98	4.8	3.021	94.6
1298	3/6/2013 21:30:51	9.47	48.29	31.27	8.83	7.98	6.0	2.982	94.4
1299	3/6/2013 21:45:51	9.47	48.15	31.17	8.80	7.97	5.9	2.939	94.0
1300	3/6/2013 22:00:51	9.46	47.89	30.98	8.83	7.98	7.0	2.872	94.2
1301	3/6/2013 22:15:51	9.16	44.87	28.81	8.97	8.00	13.0	2.808	93.8
1302	3/6/2013 22:30:51	9.22	45.50	29.26	8.91	7.99	8.5	2.747	93.5
1303	3/6/2013 22:45:51	9.31	46.30	29.84	8.88	7.99	7.3	2.682	93.7
1304	3/6/2013 23:00:51	9.30	45.94	29.58	8.85	8.00	6.9	2.616	93.3
1305	3/6/2013 23:15:51	9.37	46.67	30.11	8.80	7.99	6.2	2.560	93.2
1306	3/6/2013 23:30:51	9.42	46.70	30.13	8.82	8.00	6.2	2.506	93.6
1307	3/6/2013 23:45:51	9.44	46.85	30.24	8.78	8.00	5.7	2.448	93.2
1308	3/7/2013 0:00:51	9.45	46.73	30.15	8.79	8.00	5.6	2.398	93.3
1309	3/7/2013 0:15:51	9.46	46.83	30.23	8.81	8.00	6.1	2.365	93.5
1310	3/7/2013 0:30:51	9.47	46.67	30.11	8.78	8.00	5.3	2.331	93.1
1311	3/7/2013 0:45:51	9.42	46.44	29.94	8.76	8.00	5.5	2.293	92.8
1312	3/7/2013 1:00:51	9.37	45.81	29.49	8.72	8.00	4.7	2.273	91.9
1313	3/7/2013 1:15:51	9.37	45.90	29.56	8.64	7.99	5.5	2.267	91.2
1314	3/7/2013 1:30:51	9.36	46.08	29.68	8.75	7.99	4.7	2.278	92.4
1315	3/7/2013 1:45:51	9.36	45.77	29.46	8.78	7.99	5.7	2.281	92.6
1316	3/7/2013 2:00:51	9.33	45.60	29.34	8.82	8.00	6.1	2.308	92.9
1317	3/7/2013 2:15:51	9.44	46.46	29.96	8.73	7.99	4.8	2.340	92.5
1318	3/7/2013 2:30:51	9.39	46.33	29.86	8.70	7.99	6.1	2.394	92.0
1319	3/7/2013 2:45:51	9.41	46.53	30.00	8.71	7.99	7.2	2.441	92.3
1320	3/7/2013 3:00:51	9.39	46.49	29.98	8.71	7.98	7.9	2.494	92.3
1321	3/7/2013 3:15:51	9.39	46.40	29.91	8.77	7.99	8.6	2.552	92.8
1322	3/7/2013 3:30:51	9.37	46.68	30.11	8.79	7.98	7.9	2.617	93.1
1323	3/7/2013 3:45:51	9.35	46.48	29.97	8.81	7.98	7.2	2.676	93.2
1324	3/7/2013 4:00:51	9.33	46.56	30.02	8.82	7.98	7.3	2.736	93.3

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1325	3/7/2013 4:15:51	9.32	46.80	30.19	8.84	7.98	7.4	2.802	93.6
1326	3/7/2013 4:30:51	9.27	46.18	29.75	8.89	7.98	8.0	2.876	93.7
1327	3/7/2013 4:45:51	9.26	46.93	30.28	8.88	7.97	7.5	2.938	93.9
1328	3/7/2013 5:00:51	9.25	47.74	30.87	8.88	7.97	6.5	3.018	94.3
1329	3/7/2013 5:15:51	9.20	47.42	30.63	8.91	7.97	7.3	3.099	94.3
1330	3/7/2013 5:30:51	9.18	48.19	31.18	8.93	7.96	8.4	3.160	94.8
1331	3/7/2013 5:45:51	9.16	48.83	31.64	8.93	7.96	6.2	3.232	95.1
1332	3/7/2013 6:00:51	9.12	49.13	31.85	8.98	7.95	5.9	3.298	95.6
1333	3/7/2013 6:15:51	9.06	49.07	31.80	8.99	7.95	5.9	3.368	95.6
1334	3/7/2013 6:30:51	9.00	49.39	32.03	8.98	7.94	5.9	3.418	95.5
1335	3/7/2013 6:45:51	8.97	49.42	32.05	8.93	7.94	4.5	3.475	94.9
1336	3/7/2013 7:00:51	8.95	49.41	32.04	8.94	7.93	4.8	3.518	95.0
1337	3/7/2013 7:15:51	8.92	49.37	32.01	8.95	7.93	4.9	3.550	95.0
1338	3/7/2013 7:30:51	8.91	49.48	32.09	8.96	7.93	4.2	3.571	95.1
1339	3/7/2013 7:45:51	8.95	49.38	32.02	8.95	7.94	4.2	3.587	95.1
1340	3/7/2013 8:00:51	8.89	49.57	32.15	8.94	7.93	5.2	3.583	94.9
1341	3/7/2013 8:15:51	8.90	49.62	32.19	8.90	7.93	5.0	3.541	94.5
1342	3/7/2013 8:30:51	8.92	49.49	32.10	8.92	7.93	5.4	3.511	94.7
1343	3/7/2013 8:45:51	8.96	49.42	32.05	8.90	7.93	6.5	3.457	94.5
1344	3/7/2013 9:00:51	9.03	49.25	31.93	8.91	7.94	8.4	3.366	94.8
1345	3/7/2013 9:15:51	9.08	48.56	31.44	8.95	7.95	7.0	3.293	95.0
1346	3/7/2013 9:30:51	9.12	48.02	31.05	8.94	7.96	8.2	3.200	94.7
1347	3/7/2013 9:45:51	9.12	48.04	31.07	8.95	7.96	8.6	3.105	94.9
1348	3/7/2013 10:00:51	9.17	47.09	30.39	8.94	7.97	7.7	3.006	94.4
1349	3/7/2013 10:15:51	9.26	46.62	30.06	8.92	7.97	8.3	2.894	94.2
1350	3/7/2013 10:30:51	9.36	46.48	29.97	9.02	7.99	6.1	2.803	95.4
1351	3/7/2013 10:45:51	9.57	46.36	29.89	9.30	8.01	8.6	2.681	98.8
1352	3/7/2013 11:00:51	9.65	46.58	30.06	9.48	8.01	5.6	2.578	101.0
1353	3/7/2013 11:15:51	9.72	46.10	29.72	9.48	8.02	8.3	2.445	101.0
1354	3/7/2013 11:30:51	9.96	46.51	30.03	9.53	8.04	5.4	2.344	102.2
1355	3/7/2013 11:45:51	10.02	46.12	29.75	9.52	8.04	5.3	2.231	102.0
1356	3/7/2013 12:00:51	10.04	46.00	29.67	9.68	8.05	5.7	2.101	103.8
1357	3/7/2013 12:15:51	10.21	46.03	29.70	9.54	8.06	6.2	1.980	102.6
1358	3/7/2013 12:30:51	10.26	46.02	29.70	9.72	8.06	5.9	1.852	104.8
1359	3/7/2013 12:45:51	10.08	45.80	29.53	9.59	8.06	5.7	1.739	102.7
1360	3/7/2013 13:00:51	10.22	45.67	29.44	9.68	8.07	5.4	1.630	104.0
1361	3/7/2013 13:15:51	10.22	45.84	29.57	9.66	8.07	5.2	1.519	103.9
1362	3/7/2013 13:30:51	10.33	45.74	29.50	9.67	8.08	5.2	1.438	104.2
1363	3/7/2013 13:45:51	10.41	45.74	29.50	9.75	8.09	4.8	1.359	105.3
1364	3/7/2013 14:00:51	10.45	45.72	29.49	9.75	8.09	4.6	1.319	105.3
1365	3/7/2013 14:15:51	10.75	45.59	29.42	9.99	8.11	4.8	1.304	108.6
1366	3/7/2013 14:30:51	10.58	45.60	29.41	9.83	8.09	3.9	1.296	106.5
1367	3/7/2013 14:45:51	10.52	45.61	29.42	9.77	8.08	4.2	1.328	105.7
1368	3/7/2013 15:00:51	10.43	45.60	29.41	9.71	8.08	4.0	1.379	104.8
1369	3/7/2013 15:15:51	10.32	45.50	29.33	9.62	8.07	4.2	1.426	103.6
1370	3/7/2013 15:30:51	10.39	45.24	29.15	9.60	8.07	3.8	1.486	103.3
1371	3/7/2013 15:45:51	10.32	44.95	28.94	9.56	8.07	4.7	1.563	102.6
1372	3/7/2013 16:00:51	10.23	45.02	28.98	9.49	8.06	5.7	1.636	101.7
1373	3/7/2013 16:15:51	10.17	44.95	28.93	9.41	8.05	5.4	1.706	100.7
1374	3/7/2013 16:30:51	10.16	44.93	28.91	9.37	8.04	4.8	1.776	100.2
1375	3/7/2013 16:45:51	10.13	44.87	28.87	9.35	8.04	5.1	1.868	99.9
1376	3/7/2013 17:00:51	10.12	44.89	28.88	9.31	8.03	4.7	1.949	99.5
1377	3/7/2013 17:15:51	9.99	45.12	29.04	9.19	8.02	5.1	2.018	97.9

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1378	3/7/2013 17:30:51	9.90	45.53	29.33	9.04	8.00	4.1	2.120	96.4
1379	3/7/2013 17:45:51	9.81	46.02	29.67	8.94	8.00	4.8	2.203	95.3
1380	3/7/2013 18:00:51	9.77	46.15	29.76	8.91	7.99	5.6	2.292	95.0
1381	3/7/2013 18:15:51	9.73	46.32	29.88	8.94	8.00	5.0	2.381	95.3
1382	3/7/2013 18:30:51	9.72	46.29	29.86	8.93	8.00	5.9	2.468	95.1
1383	3/7/2013 18:45:51	9.70	46.38	29.92	8.92	7.99	6.0	2.552	95.0
1384	3/7/2013 19:00:51	9.75	45.87	29.56	8.98	7.99	6.0	2.631	95.5
1385	3/7/2013 19:15:51	9.63	46.44	29.96	8.92	7.98	6.6	2.715	94.9
1386	3/7/2013 19:30:51	9.60	46.51	30.01	8.93	7.97	8.1	2.792	95.0
1387	3/7/2013 19:45:51	9.55	46.66	30.11	8.93	7.96	9.0	2.871	94.9
1388	3/7/2013 20:00:51	9.51	46.78	30.19	8.94	7.96	10.0	2.941	95.0
1389	3/7/2013 20:15:51	9.45	46.93	30.29	8.96	7.95	8.8	3.003	95.2
1390	3/7/2013 20:30:51	9.39	47.31	30.57	9.05	7.95	9.6	3.066	96.1
1391	3/7/2013 20:45:51	9.34	47.51	30.71	9.06	7.94	9.6	3.128	96.3
1392	3/7/2013 21:00:51	9.30	47.87	30.96	9.07	7.94	7.7	3.174	96.4
1393	3/7/2013 21:15:51	9.28	47.90	30.98	9.00	7.93	4.6	3.211	95.7
1394	3/7/2013 21:30:51	9.39	47.35	30.59	9.00	7.95	5.6	3.236	95.7
1395	3/7/2013 21:45:51	9.30	47.88	30.96	9.05	7.94	7.6	3.223	96.2
1396	3/7/2013 22:00:51	9.25	48.01	31.06	9.05	7.94	6.8	3.212	96.2
1397	3/7/2013 22:15:51	9.26	48.02	31.06	9.06	7.94	8.6	3.156	96.3
1398	3/7/2013 22:30:51	9.32	47.67	30.82	9.02	7.94	13.4	3.101	95.9
1399	3/7/2013 22:45:51	9.40	47.13	30.44	8.95	7.95	8.4	3.034	95.1
1400	3/7/2013 23:00:51	9.42	46.71	30.13	8.98	7.96	10.4	2.946	95.2
1401	3/7/2013 23:15:51	9.48	46.24	29.81	8.89	7.97	12.0	2.868	94.2
1402	3/7/2013 23:30:51	9.44	45.85	29.52	8.92	7.97	9.2	2.789	94.3
1403	3/7/2013 23:45:51	9.46	45.93	29.58	8.89	7.97	7.3	2.706	94.0
1404	3/8/2013 0:00:51	9.42	45.69	29.41	8.82	7.97	6.7	2.641	93.1
1405	3/8/2013 0:15:51	9.45	45.59	29.34	8.81	7.98	6.5	2.559	93.0
1406	3/8/2013 0:30:51	9.43	45.65	29.38	8.77	7.97	6.4	2.493	92.6
1407	3/8/2013 0:45:51	9.44	45.27	29.11	8.82	7.97	6.3	2.422	92.9
1408	3/8/2013 1:00:51	9.39	45.49	29.26	8.76	7.97	5.6	2.363	92.3
1409	3/8/2013 1:15:51	9.38	45.26	29.10	8.76	7.97	5.6	2.299	92.2
1410	3/8/2013 1:30:51	9.38	45.29	29.12	8.75	7.97	5.3	2.240	92.1
1411	3/8/2013 1:45:51	9.41	45.16	29.03	8.78	7.98	5.3	2.196	92.4
1412	3/8/2013 2:00:51	9.39	45.15	29.02	8.75	7.98	5.1	2.161	92.0
1413	3/8/2013 2:15:51	9.48	44.88	28.84	8.87	8.00	5.5	2.118	93.4
1414	3/8/2013 2:30:51	9.49	45.07	28.97	8.60	7.97	3.9	2.102	90.6
1415	3/8/2013 2:45:51	9.51	45.27	29.12	8.67	7.97	4.3	2.111	91.5
1416	3/8/2013 3:00:51	9.54	45.41	29.22	8.75	7.98	4.8	2.137	92.5
1417	3/8/2013 3:15:51	9.46	44.95	28.88	8.76	7.98	5.4	2.164	92.3
1418	3/8/2013 3:30:51	9.49	45.40	29.21	8.70	7.97	4.8	2.204	91.8
1419	3/8/2013 3:45:51	9.45	44.87	28.83	8.72	7.97	5.1	2.250	91.7
1420	3/8/2013 4:00:51	9.49	45.00	28.92	8.72	7.97	5.1	2.327	91.9
1421	3/8/2013 4:15:51	9.49	45.02	28.94	8.73	7.97	5.9	2.399	92.0
1422	3/8/2013 4:30:51	9.50	45.28	29.13	8.70	7.96	5.3	2.461	91.8
1423	3/8/2013 4:45:51	9.45	45.56	29.32	8.76	7.96	5.4	2.534	92.4
1424	3/8/2013 5:00:51	9.41	45.85	29.53	8.77	7.95	5.9	2.617	92.6
1425	3/8/2013 5:15:51	9.39	46.37	29.90	8.81	7.95	6.4	2.689	93.2
1426	3/8/2013 5:30:51	9.40	46.60	30.06	8.84	7.95	6.1	2.756	93.7
1427	3/8/2013 5:45:51	9.37	46.75	30.16	8.86	7.95	7.4	2.844	93.9
1428	3/8/2013 6:00:51	9.34	46.93	30.29	8.89	7.95	8.3	2.921	94.2
1429	3/8/2013 6:15:51	9.29	47.41	30.63	8.87	7.94	7.3	3.002	94.1
1430	3/8/2013 6:30:51	9.24	47.61	30.77	8.89	7.93	7.3	3.077	94.3

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1431	3/8/2013 6:45:51	9.21	47.84	30.93	8.90	7.93	7.9	3.162	94.4
1432	3/8/2013 7:00:51	9.20	47.99	31.03	8.90	7.93	7.8	3.249	94.4
1433	3/8/2013 7:15:51	9.16	47.84	30.93	8.91	7.92	8.4	3.325	94.4
1434	3/8/2013 7:30:51	9.10	48.24	31.21	8.88	7.92	8.7	3.405	94.2
1435	3/8/2013 7:45:51	9.06	48.61	31.47	8.87	7.91	8.4	3.471	94.2
1436	3/8/2013 8:00:51	9.02	48.70	31.53	8.83	7.91	5.4	3.537	93.6
1437	3/8/2013 8:15:51	8.97	49.08	31.80	8.78	7.90	6.4	3.580	93.2
1438	3/8/2013 8:30:51	8.96	49.17	31.87	8.73	7.89	5.4	3.607	92.6
1439	3/8/2013 8:45:51	8.95	49.20	31.89	8.77	7.90	5.6	3.636	93.1
1440	3/8/2013 9:00:51	8.98	49.09	31.81	8.71	7.90	6.2	3.646	92.4
1441	3/8/2013 9:15:51	8.95	49.31	31.97	8.76	7.90	8.3	3.622	93.0
1442	3/8/2013 9:30:51	8.97	49.00	31.75	8.77	7.90	6.1	3.583	93.0
1443	3/8/2013 9:45:51	9.22	48.20	31.19	8.97	7.93	8.3	3.514	95.3
1444	3/8/2013 10:00:51	9.50	47.45	30.67	9.14	7.95	5.1	3.444	97.4
1445	3/8/2013 10:15:51	9.60	47.29	30.57	9.11	7.96	5.2	3.357	97.3
1446	3/8/2013 10:30:51	9.61	47.46	30.69	9.14	7.96	5.8	3.243	97.7
1447	3/8/2013 10:45:51	9.73	47.19	30.50	9.17	7.96	5.0	3.143	98.1
1448	3/8/2013 11:00:51	9.79	47.02	30.39	9.23	7.97	4.9	3.030	98.9
1449	3/8/2013 11:15:51	9.82	46.94	30.33	9.31	7.98	4.6	2.926	99.7
1450	3/8/2013 11:30:51	9.90	46.87	30.28	9.36	7.98	4.8	2.813	100.5
1451	3/8/2013 11:45:51	9.96	46.47	30.00	9.40	7.99	5.1	2.684	100.8
1452	3/8/2013 12:00:51	10.06	45.99	29.66	9.40	7.99	6.9	2.566	100.8
1453	3/8/2013 12:15:51	10.20	45.78	29.52	9.36	8.00	6.7	2.452	100.6
1454	3/8/2013 12:30:51	10.40	45.79	29.54	9.60	8.03	5.5	2.327	103.6
1455	3/8/2013 12:45:51	10.43	45.59	29.40	9.63	8.04	6.4	2.194	104.0
1456	3/8/2013 13:00:51	10.64	45.49	29.34	9.76	8.06	6.0	2.056	105.8
1457	3/8/2013 13:15:51	10.63	45.39	29.27	9.81	8.07	6.5	1.941	106.2
1458	3/8/2013 13:30:51	10.80	45.37	29.26	10.07	8.09	5.6	1.801	109.5
1459	3/8/2013 13:45:51	10.74	45.31	29.21	9.99	8.09	5.5	1.671	108.4
1460	3/8/2013 14:00:51	10.86	45.20	29.14	10.00	8.10	5.2	1.565	108.8
1461	3/8/2013 14:15:51	10.88	45.23	29.17	9.96	8.10	5.8	1.444	108.4
1462	3/8/2013 14:30:51	11.00	44.99	29.00	9.99	8.11	4.7	1.357	108.9
1463	3/8/2013 14:45:50	11.11	44.92	28.96	10.07	8.12	4.8	1.290	110.0
1464	3/8/2013 15:00:50	11.18	44.94	28.97	10.07	8.12	4.2	1.246	110.1
1465	3/8/2013 15:15:51	11.32	45.02	29.04	10.17	8.13	4.2	1.225	111.6
1466	3/8/2013 15:30:50	11.16	44.91	28.95	10.04	8.12	3.7	1.236	109.8
1467	3/8/2013 15:45:50	11.06	44.90	28.94	9.99	8.11	3.6	1.285	108.9
1468	3/8/2013 16:00:50	10.99	44.98	28.99	9.91	8.10	3.7	1.328	108.0
1469	3/8/2013 16:15:51	10.97	45.11	29.09	9.90	8.10	4.3	1.392	107.9
1470	3/8/2013 16:30:51	10.95	44.08	28.34	9.85	8.10	4.0	1.488	106.8
1471	3/8/2013 16:45:51	10.93	44.35	28.54	9.80	8.09	4.2	1.555	106.4
1472	3/8/2013 17:00:51	10.87	44.12	28.37	9.74	8.09	5.0	1.638	105.5
1473	3/8/2013 17:15:51	10.83	44.34	28.53	9.71	8.08	4.7	1.716	105.1
1474	3/8/2013 17:30:51	10.79	44.16	28.40	9.65	8.07	4.5	1.810	104.3
1475	3/8/2013 17:45:51	10.78	44.19	28.42	9.62	8.07	4.3	1.900	103.9
1476	3/8/2013 18:00:51	10.57	44.36	28.53	9.43	8.04	4.3	1.987	101.5
1477	3/8/2013 18:15:51	10.40	45.02	28.99	9.24	8.02	4.6	2.089	99.4
1478	3/8/2013 18:30:51	10.26	45.31	29.19	9.12	8.00	5.2	2.195	97.9
1479	3/8/2013 18:45:51	10.19	45.51	29.32	9.07	8.00	5.7	2.285	97.3
1480	3/8/2013 19:00:51	10.20	45.31	29.18	9.09	8.00	5.0	2.383	97.5
1481	3/8/2013 19:15:51	10.17	45.31	29.18	9.11	7.99	6.3	2.495	97.6
1482	3/8/2013 19:30:51	10.07	45.72	29.47	9.04	7.99	5.4	2.584	96.8
1483	3/8/2013 19:45:51	10.01	46.11	29.74	8.99	7.97	7.4	2.676	96.4

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1484	3/8/2013 20:00:51	9.99	46.22	29.82	9.00	7.96	8.1	2.777	96.4
1485	3/8/2013 20:15:51	9.91	46.32	29.89	8.97	7.96	10.0	2.856	96.0
1486	3/8/2013 20:30:51	9.85	46.39	29.94	8.96	7.95	9.4	2.944	95.9
1487	3/8/2013 20:45:51	9.78	46.88	30.28	8.93	7.94	10.3	3.023	95.5
1488	3/8/2013 21:00:51	9.68	47.45	30.69	8.92	7.93	10.0	3.094	95.4
1489	3/8/2013 21:15:51	9.60	48.03	31.10	8.89	7.93	9.5	3.167	95.3
1490	3/8/2013 21:30:51	9.58	48.11	31.15	8.87	7.92	7.6	3.235	95.0
1491	3/8/2013 21:45:51	9.56	48.33	31.31	8.84	7.92	5.9	3.289	94.8
1492	3/8/2013 22:00:51	9.55	48.42	31.37	8.83	7.92	6.2	3.329	94.7
1493	3/8/2013 22:15:51	9.60	48.28	31.27	8.84	7.93	5.8	3.338	94.8
1494	3/8/2013 22:30:51	9.54	48.35	31.32	8.80	7.92	5.3	3.348	94.3
1495	3/8/2013 22:45:51	9.54	48.43	31.38	8.77	7.92	6.5	3.323	94.0
1496	3/8/2013 23:00:51	9.54	48.25	31.25	8.81	7.92	9.1	3.269	94.4
1497	3/8/2013 23:15:51	9.71	47.42	30.66	8.81	7.94	9.5	3.213	94.4
1498	3/8/2013 23:30:51	9.71	47.35	30.61	8.82	7.93	9.2	3.129	94.4
1499	3/8/2013 23:45:51	9.71	47.18	30.49	8.87	7.94	6.5	3.037	94.9
1500	3/9/2013 0:00:51	9.87	46.61	30.10	8.89	7.96	6.9	2.949	95.2
1501	3/9/2013 0:15:51	9.91	46.33	29.90	8.86	7.96	6.8	2.866	94.8
1502	3/9/2013 0:30:50	9.95	45.98	29.65	8.85	7.96	7.9	2.763	94.7
1503	3/9/2013 0:45:51	9.97	46.12	29.75	8.82	7.96	6.7	2.681	94.4
1504	3/9/2013 1:00:51	9.97	45.92	29.60	8.82	7.96	6.4	2.592	94.4
1505	3/9/2013 1:15:51	9.99	45.77	29.50	8.86	7.96	5.9	2.501	94.8
1506	3/9/2013 1:30:51	10.14	44.97	28.94	8.91	7.98	7.2	2.420	95.3
1507	3/9/2013 1:45:51	10.18	44.80	28.82	8.91	7.99	6.5	2.335	95.3
1508	3/9/2013 2:00:51	10.17	44.90	28.89	8.90	7.99	6.6	2.256	95.2
1509	3/9/2013 2:15:51	10.15	45.11	29.04	8.86	7.99	5.9	2.168	94.8
1510	3/9/2013 2:30:51	10.21	45.03	28.99	8.91	8.01	6.0	2.092	95.5
1511	3/9/2013 2:45:51	10.34	44.83	28.85	8.98	8.03	5.6	2.029	96.4
1512	3/9/2013 3:00:51	10.47	44.91	28.92	9.07	8.06	5.1	1.984	97.7
1513	3/9/2013 3:15:51	10.51	44.81	28.85	9.09	8.07	5.1	1.949	97.9
1514	3/9/2013 3:30:51	10.54	44.85	28.88	9.10	8.07	4.8	1.937	98.1
1515	3/9/2013 3:45:51	10.47	44.84	28.87	8.98	8.05	4.2	1.938	96.6
1516	3/9/2013 4:00:51	10.40	44.92	28.92	9.00	8.04	4.7	1.963	96.8
1517	3/9/2013 4:15:51	10.34	44.91	28.91	8.96	8.03	4.6	1.993	96.2
1518	3/9/2013 4:30:51	10.25	44.80	28.83	8.92	8.01	5.0	2.053	95.5
1519	3/9/2013 4:45:51	10.19	44.54	28.64	8.85	7.99	4.9	2.114	94.6
1520	3/9/2013 5:00:51	10.20	44.47	28.59	8.85	7.99	4.9	2.191	94.6
1521	3/9/2013 5:15:51	10.19	44.53	28.63	8.83	7.98	5.5	2.276	94.3
1522	3/9/2013 5:30:51	10.15	44.75	28.78	8.82	7.98	6.1	2.353	94.2
1523	3/9/2013 5:45:51	10.05	45.36	29.21	8.78	7.96	5.6	2.438	93.9
1524	3/9/2013 6:00:51	9.97	45.70	29.45	8.75	7.95	5.4	2.529	93.6
1525	3/9/2013 6:15:51	9.95	45.76	29.49	8.78	7.95	5.2	2.606	93.8
1526	3/9/2013 6:30:51	9.91	46.25	29.84	8.80	7.95	5.7	2.702	94.1
1527	3/9/2013 6:45:51	9.87	46.43	29.96	8.82	7.95	6.1	2.801	94.4
1528	3/9/2013 7:00:51	9.83	46.70	30.16	8.80	7.95	5.6	2.878	94.1
1529	3/9/2013 7:15:51	9.73	47.18	30.49	8.74	7.93	6.6	2.967	93.5
1530	3/9/2013 7:30:51	9.67	47.18	30.49	8.73	7.93	7.5	3.042	93.3
1531	3/9/2013 7:45:51	9.61	47.61	30.79	8.69	7.93	6.7	3.120	92.9
1532	3/9/2013 8:00:51	9.55	47.57	30.76	8.68	7.92	8.6	3.219	92.7
1533	3/9/2013 8:15:51	9.48	47.73	30.87	8.67	7.92	6.8	3.298	92.5
1534	3/9/2013 8:30:51	9.44	48.15	31.17	8.64	7.91	6.8	3.393	92.3
1535	3/9/2013 8:45:51	9.32	48.60	31.48	8.61	7.90	7.5	3.475	91.9
1536	3/9/2013 9:00:51	9.27	48.93	31.72	8.54	7.90	6.6	3.545	91.2

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1537	3/9/2013 9:15:51	9.23	49.02	31.78	8.50	7.89	6.1	3.606	90.7
1538	3/9/2013 9:30:51	9.19	49.41	32.06	8.46	7.89	5.3	3.649	90.3
1539	3/9/2013 9:45:51	9.18	49.21	31.91	8.36	7.88	4.1	3.676	89.2
1540	3/9/2013 10:00:51	9.23	49.19	31.90	8.47	7.89	5.6	3.683	90.4
1541	3/9/2013 10:15:51	9.19	49.44	32.08	8.44	7.89	5.7	3.664	90.1
1542	3/9/2013 10:30:51	9.22	49.36	32.02	8.47	7.89	6.8	3.607	90.5
1543	3/9/2013 10:45:51	9.97	47.64	30.84	9.22	7.96	5.7	3.541	99.4
1544	3/9/2013 11:00:51	9.99	47.77	30.93	9.20	7.96	5.4	3.465	99.3
1545	3/9/2013 11:15:51	9.71	48.11	31.16	8.98	7.94	7.6	3.355	96.4
1546	3/9/2013 11:30:51	10.04	47.57	30.79	9.03	7.96	7.4	3.240	97.5
1547	3/9/2013 11:45:51	10.29	47.24	30.57	9.23	7.98	5.1	3.131	100.0
1548	3/9/2013 12:00:51	10.59	46.77	30.25	9.30	7.99	4.8	3.016	101.2
1549	3/9/2013 12:15:51	10.59	46.49	30.05	9.30	7.99	5.9	2.895	101.1
1550	3/9/2013 12:30:51	10.53	46.88	30.33	9.37	7.99	5.5	2.783	102.0
1551	3/9/2013 12:45:51	10.67	46.51	30.07	9.39	8.00	5.7	2.649	102.3
1552	3/9/2013 13:00:51	10.91	46.43	30.03	9.55	8.02	4.8	2.532	104.5
1553	3/9/2013 13:15:51	10.93	45.72	29.52	9.69	8.03	5.8	2.393	105.8
1554	3/9/2013 13:30:51	11.19	45.81	29.59	10.07	8.07	5.6	2.253	110.7
1555	3/9/2013 13:45:51	11.37	45.62	29.47	10.09	8.08	6.1	2.102	111.2
1556	3/9/2013 14:00:51	11.52	45.54	29.41	10.05	8.10	6.7	1.973	111.0
1557	3/9/2013 14:15:50	11.65	45.22	29.20	10.35	8.13	5.7	1.839	114.5
1558	3/9/2013 14:30:51	11.80	45.37	29.30	10.38	8.14	6.5	1.690	115.3
1559	3/9/2013 14:45:51	11.60	45.14	29.13	10.09	8.12	5.6	1.563	111.4
1560	3/9/2013 15:00:51	11.66	44.93	28.99	10.10	8.13	5.0	1.452	111.6
1561	3/9/2013 15:15:50	11.85	44.72	28.84	10.20	8.15	5.0	1.329	113.1
1562	3/9/2013 15:30:51	12.01	44.42	28.63	10.26	8.18	5.3	1.250	114.0
1563	3/9/2013 15:45:51	12.10	44.41	28.63	10.29	8.19	5.1	1.201	114.5
1564	3/9/2013 16:00:51	12.19	44.43	28.65	10.19	8.18	5.0	1.190	113.7
1565	3/9/2013 16:15:51	11.99	44.62	28.78	10.20	8.17	4.2	1.229	113.4
1566	3/9/2013 16:30:51	11.91	44.54	28.72	10.14	8.15	4.8	1.277	112.5
1567	3/9/2013 16:45:50	11.84	44.58	28.75	10.09	8.14	3.6	1.345	111.7
1568	3/9/2013 17:00:50	11.85	44.56	28.73	10.07	8.15	4.1	1.424	111.6
1569	3/9/2013 17:15:50	11.81	43.62	28.05	10.00	8.13	4.5	1.499	110.3
1570	3/9/2013 17:30:50	11.78	43.76	28.16	9.96	8.13	4.2	1.581	109.7
1571	3/9/2013 17:45:51	11.69	43.91	28.26	9.87	8.12	4.4	1.648	108.6
1572	3/9/2013 18:00:51	11.65	43.88	28.23	9.85	8.11	3.9	1.746	108.3
1573	3/9/2013 18:15:51	11.59	44.18	28.45	9.80	8.10	4.0	1.832	107.8
1574	3/9/2013 18:30:51	11.54	43.93	28.26	9.75	8.10	4.0	1.923	107.0
1575	3/9/2013 18:45:51	11.26	44.47	28.64	9.51	8.06	4.6	2.022	104.0
1576	3/9/2013 19:00:51	11.00	45.09	29.07	9.26	8.02	3.9	2.129	101.0
1577	3/9/2013 19:15:51	10.89	45.21	29.15	9.21	8.01	4.9	2.245	100.2
1578	3/9/2013 19:30:51	10.80	45.69	29.49	9.17	8.01	5.3	2.346	99.8
1579	3/9/2013 19:45:51	10.77	45.63	29.44	9.17	8.00	5.1	2.448	99.7
1580	3/9/2013 20:00:51	10.73	45.80	29.56	9.14	8.00	5.8	2.562	99.4
1581	3/9/2013 20:15:51	10.66	46.04	29.73	9.09	7.99	6.4	2.661	98.8
1582	3/9/2013 20:30:51	10.62	46.14	29.80	9.06	7.98	7.4	2.753	98.4
1583	3/9/2013 20:45:51	10.52	46.38	29.97	8.99	7.97	7.7	2.847	97.6
1584	3/9/2013 21:00:51	10.41	46.59	30.11	8.93	7.95	10.4	2.944	96.8
1585	3/9/2013 21:15:51	10.33	46.71	30.20	8.90	7.95	8.3	3.030	96.3
1586	3/9/2013 21:30:51	10.14	47.52	30.76	8.80	7.93	8.5	3.114	95.1
1587	3/9/2013 21:45:51	10.01	48.28	31.30	8.72	7.93	8.0	3.204	94.4
1588	3/9/2013 22:00:51	9.96	48.43	31.41	8.68	7.92	7.2	3.273	94.0
1589	3/9/2013 22:15:51	9.93	48.51	31.46	8.66	7.92	5.7	3.343	93.7

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1590	3/9/2013 22:30:51	9.89	48.72	31.61	8.62	7.92	5.5	3.396	93.3
1591	3/9/2013 22:45:51	9.80	49.05	31.84	8.47	7.91	4.0	3.422	91.5
1592	3/9/2013 23:00:51	9.80	49.09	31.87	8.45	7.91	4.0	3.445	91.4
1593	3/9/2013 23:15:51	9.79	49.16	31.92	8.46	7.91	5.3	3.443	91.5
1594	3/9/2013 23:30:51	9.74	49.19	31.94	8.43	7.90	6.3	3.406	91.0
1595	3/9/2013 23:45:51	10.00	48.15	31.21	8.59	7.93	6.9	3.342	92.9
1596	3/10/2013 0:00:51	10.28	47.06	30.44	8.75	7.95	5.6	3.265	94.7
1597	3/10/2013 0:15:51	10.24	47.13	30.49	8.83	7.95	8.0	3.177	95.5
1598	3/10/2013 0:30:51	10.30	46.93	30.35	8.84	7.96	6.4	3.074	95.7
1599	3/10/2013 0:45:51	10.28	47.01	30.40	8.80	7.95	6.5	2.956	95.3
1600	3/10/2013 1:00:51	10.32	46.75	30.22	8.80	7.95	7.6	2.853	95.2
1601	3/10/2013 1:15:51	10.35	46.56	30.09	8.81	7.96	6.1	2.772	95.3
1602	3/10/2013 1:30:51	10.34	46.61	30.12	8.77	7.96	5.9	2.665	94.9
1603	3/10/2013 1:45:51	10.46	46.18	29.82	8.88	7.97	8.0	2.550	96.1
1604	3/10/2013 3:00:51	10.65	45.51	29.35	8.97	7.99	6.5	2.451	97.3
1605	3/10/2013 3:15:51	10.49	45.86	29.59	8.87	7.97	5.6	2.339	96.0
1606	3/10/2013 3:30:51	10.56	45.62	29.43	8.86	7.98	5.7	2.215	96.0
1607	3/10/2013 3:45:51	10.65	45.40	29.28	8.96	8.00	5.8	2.120	97.1
1608	3/10/2013 4:00:51	10.86	44.61	28.72	9.05	8.03	6.4	2.014	98.2
1609	3/10/2013 4:15:51	10.89	44.51	28.65	9.09	8.05	5.9	1.916	98.6
1610	3/10/2013 4:30:51	10.98	44.30	28.51	9.13	8.06	5.5	1.840	99.2
1611	3/10/2013 4:45:51	11.02	44.42	28.59	9.14	8.07	5.4	1.781	99.4
1612	3/10/2013 5:00:51	11.08	44.28	28.50	9.14	8.07	4.7	1.727	99.5
1613	3/10/2013 5:15:51	11.11	44.41	28.59	9.19	8.08	4.4	1.717	100.1
1614	3/10/2013 5:30:51	10.97	44.36	28.55	9.06	8.05	4.6	1.728	98.4
1615	3/10/2013 5:45:51	10.96	44.54	28.68	9.03	8.04	4.3	1.739	98.1
1616	3/10/2013 6:00:51	10.89	44.58	28.70	9.03	8.03	5.7	1.806	98.0
1617	3/10/2013 6:15:51	10.90	44.67	28.77	9.03	8.03	4.5	1.860	98.0
1618	3/10/2013 6:30:51	10.90	44.32	28.52	9.01	8.03	4.5	1.935	97.6
1619	3/10/2013 6:45:51	10.90	44.43	28.59	9.00	8.02	4.1	2.039	97.6
1620	3/10/2013 7:00:51	10.84	44.53	28.66	8.92	8.01	4.1	2.113	96.7
1621	3/10/2013 7:15:51	10.81	44.56	28.68	8.91	8.00	3.9	2.198	96.5
1622	3/10/2013 7:30:51	10.64	45.40	29.27	8.84	7.98	4.8	2.311	95.7
1623	3/10/2013 7:45:51	10.60	45.23	29.15	8.83	7.97	3.9	2.375	95.5
1624	3/10/2013 8:00:51	10.55	45.86	29.60	8.81	7.97	4.4	2.457	95.4
1625	3/10/2013 8:15:51	10.51	45.97	29.67	8.83	7.97	4.7	2.548	95.6
1626	3/10/2013 8:30:51	10.47	46.42	30.00	8.85	7.96	5.4	2.662	95.9
1627	3/10/2013 8:45:51	10.45	46.36	29.95	8.87	7.97	5.4	2.742	96.1
1628	3/10/2013 9:00:51	10.37	46.71	30.20	8.81	7.96	6.1	2.828	95.5
1629	3/10/2013 9:15:51	10.27	46.94	30.36	8.77	7.95	6.4	2.910	94.9
1630	3/10/2013 9:30:51	10.16	47.15	30.50	8.72	7.94	8.1	2.987	94.2
1631	3/10/2013 9:45:51	10.06	47.46	30.71	8.68	7.93	8.8	3.073	93.7
1632	3/10/2013 10:00:51	10.00	47.68	30.87	8.64	7.93	7.3	3.168	93.2
1633	3/10/2013 10:15:51	9.92	47.88	31.01	8.63	7.92	7.1	3.273	93.1
1634	3/10/2013 10:30:51	9.81	48.36	31.34	8.61	7.91	7.9	3.353	92.8
1635	3/10/2013 10:45:51	9.72	49.00	31.80	8.59	7.91	6.9	3.426	92.7
1636	3/10/2013 11:00:51	9.64	49.38	32.07	8.58	7.90	6.4	3.499	92.6
1637	3/10/2013 11:15:51	9.60	49.51	32.16	8.55	7.90	4.4	3.572	92.2
1638	3/10/2013 11:30:51	9.57	49.61	32.23	8.52	7.90	4.5	3.604	91.9
1639	3/10/2013 11:45:51	9.55	49.76	32.34	8.43	7.89	3.9	3.620	91.0
1640	3/10/2013 12:00:51	9.60	49.66	32.27	8.51	7.90	5.1	3.639	91.8
1641	3/10/2013 12:15:51	9.58	49.68	32.28	8.53	7.90	5.7	3.600	92.0
1642	3/10/2013 12:30:51	9.68	49.41	32.09	8.66	7.91	6.6	3.550	93.6

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1643	3/10/2013 12:45:51	10.08	48.59	31.53	8.94	7.94	6.4	3.491	97.1
1644	3/10/2013 13:00:51	10.08	48.49	31.45	8.93	7.94	7.8	3.391	96.9
1645	3/10/2013 13:15:51	10.19	48.12	31.19	8.94	7.95	9.4	3.282	97.1
1646	3/10/2013 13:30:51	10.36	47.87	31.03	8.89	7.95	7.1	3.198	96.8
1647	3/10/2013 13:45:51	10.70	47.77	30.98	9.23	7.98	5.1	3.065	101.2
1648	3/10/2013 14:00:51	10.93	47.09	30.50	9.32	7.99	5.0	2.927	102.4
1649	3/10/2013 14:15:51	11.05	47.12	30.53	9.36	8.00	5.1	2.817	103.1
1650	3/10/2013 14:30:51	11.06	47.01	30.45	9.49	8.01	5.0	2.684	104.5
1651	3/10/2013 14:45:51	11.24	46.99	30.44	9.55	8.02	5.0	2.576	105.6
1652	3/10/2013 15:00:51	11.43	46.25	29.92	9.73	8.04	6.1	2.424	107.7
1653	3/10/2013 15:15:51	11.73	46.14	29.86	9.94	8.07	5.8	2.293	110.7
1654	3/10/2013 15:30:51	11.91	45.67	29.52	10.14	8.09	5.5	2.142	113.0
1655	3/10/2013 15:45:51	11.90	45.82	29.63	10.16	8.10	5.4	1.997	113.3
1656	3/10/2013 16:00:51	12.16	45.65	29.52	10.39	8.13	5.2	1.861	116.5
1657	3/10/2013 16:15:51	12.16	45.37	29.32	10.34	8.14	5.8	1.708	115.7
1658	3/10/2013 16:30:51	12.20	45.07	29.11	10.33	8.14	5.4	1.585	115.6
1659	3/10/2013 16:45:51	12.22	44.97	29.04	10.29	8.15	4.9	1.472	115.2
1660	3/10/2013 17:00:51	12.34	44.77	28.90	10.32	8.16	4.7	1.354	115.7
1661	3/10/2013 17:15:51	12.50	44.59	28.77	10.39	8.18	4.7	1.304	116.8
1662	3/10/2013 17:30:51	12.56	44.60	28.78	10.36	8.18	4.1	1.242	116.6
1663	3/10/2013 17:45:51	12.55	44.74	28.89	10.31	8.17	4.1	1.236	116.1
1664	3/10/2013 18:00:51	12.46	44.58	28.77	10.31	8.17	3.9	1.272	115.7
1665	3/10/2013 18:15:51	12.38	44.65	28.81	10.24	8.16	3.4	1.302	114.8
1666	3/10/2013 18:30:51	12.33	44.60	28.77	10.22	8.15	3.8	1.392	114.4
1667	3/10/2013 18:45:51	12.31	44.76	28.89	10.21	8.16	4.0	1.485	114.4
1668	3/10/2013 19:00:51	12.24	44.60	28.77	10.11	8.14	3.8	1.540	113.0
1669	3/10/2013 19:15:51	12.25	43.67	28.11	10.00	8.13	4.4	1.616	111.4
1670	3/10/2013 19:30:51	12.22	43.75	28.16	9.93	8.12	4.3	1.736	110.5
1671	3/10/2013 19:45:51	12.17	43.78	28.19	9.92	8.12	4.4	1.820	110.2
1672	3/10/2013 20:00:51	12.07	44.37	28.61	9.85	8.11	3.9	1.910	109.6
1673	3/10/2013 20:15:51	11.90	44.39	28.61	9.68	8.08	4.5	2.007	107.3
1674	3/10/2013 20:30:51	11.65	44.97	29.02	9.46	8.05	4.1	2.115	104.6
1675	3/10/2013 20:45:51	11.38	45.70	29.53	9.24	8.02	4.2	2.223	101.9
1676	3/10/2013 21:00:51	11.30	45.92	29.68	9.22	8.02	4.5	2.337	101.6
1677	3/10/2013 21:15:51	11.26	45.95	29.70	9.21	8.01	5.1	2.441	101.4
1678	3/10/2013 21:30:51	11.22	46.23	29.90	9.18	8.01	5.8	2.553	101.1
1679	3/10/2013 21:45:51	11.07	46.32	29.96	9.08	7.99	7.5	2.662	99.7
1680	3/10/2013 22:00:51	10.98	46.60	30.15	9.01	7.98	7.5	2.755	98.8
1681	3/10/2013 22:15:51	10.81	46.96	30.40	8.94	7.97	8.4	2.854	97.8
1682	3/10/2013 22:30:51	10.72	47.06	30.47	8.93	7.96	8.7	2.965	97.6
1683	3/10/2013 22:45:51	10.58	47.47	30.75	8.90	7.95	10.8	3.052	97.2
1684	3/10/2013 23:00:51	10.39	48.43	31.43	8.95	7.94	9.5	3.150	97.7
1685	3/10/2013 23:15:51	10.28	48.92	31.78	9.01	7.94	8.3	3.248	98.4
1686	3/10/2013 23:30:51	10.17	49.19	31.97	9.05	7.94	7.9	3.337	98.7
1687	3/10/2013 23:45:51	10.02	49.52	32.20	9.07	7.93	7.2	3.427	98.7
1688	3/11/2013 0:00:51	9.88	49.93	32.48	9.07	7.92	5.6	3.489	98.7
1689	3/11/2013 0:15:51	9.74	50.05	32.56	9.08	7.91	5.3	3.525	98.5
1690	3/11/2013 0:30:51	9.67	49.92	32.46	9.07	7.91	4.1	3.552	98.2
1691	3/11/2013 0:45:51	9.81	49.90	32.45	9.04	7.91	5.2	3.565	98.2
1692	3/11/2013 1:00:51	9.65	50.40	32.81	9.08	7.91	5.7	3.549	98.4
1693	3/11/2013 1:15:51	10.04	49.19	31.96	8.98	7.93	6.5	3.486	97.6
1694	3/11/2013 1:30:51	10.26	48.26	31.30	8.91	7.94	6.7	3.417	97.0
1695	3/11/2013 1:45:51	10.09	48.95	31.79	8.97	7.93	7.7	3.328	97.5

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1696	3/11/2013 2:00:51	10.17	48.66	31.58	8.97	7.94	8.9	3.235	97.7
1697	3/11/2013 2:15:51	10.52	47.55	30.81	8.88	7.96	11.8	3.113	96.9
1698	3/11/2013 2:30:51	10.50	47.83	31.01	8.87	7.96	6.4	3.007	96.9
1699	3/11/2013 2:45:51	10.46	48.01	31.13	8.87	7.95	5.9	2.897	96.9
1700	3/11/2013 3:00:51	10.64	47.15	30.53	8.88	7.96	8.6	2.782	96.9
1701	3/11/2013 3:15:51	10.64	47.17	30.54	8.89	7.97	6.1	2.673	97.1
1702	3/11/2013 3:30:51	10.74	46.77	30.26	8.95	7.98	7.9	2.547	97.8
1703	3/11/2013 3:45:51	10.72	46.77	30.26	8.95	7.98	5.5	2.427	97.8
1704	3/11/2013 4:00:51	11.01	45.78	29.57	9.01	8.01	6.2	2.309	98.5
1705	3/11/2013 4:15:51	10.93	45.95	29.68	8.93	8.00	5.9	2.189	97.6
1706	3/11/2013 4:30:51	11.09	45.33	29.24	9.01	8.02	6.3	2.070	98.6
1707	3/11/2013 4:45:51	11.13	45.43	29.32	9.02	8.03	6.1	1.959	98.7
1708	3/11/2013 5:00:51	11.28	45.22	29.18	9.10	8.05	6.4	1.847	99.9
1709	3/11/2013 5:15:51	11.40	45.05	29.06	9.18	8.07	5.8	1.768	101.0
1710	3/11/2013 5:30:51	11.46	44.94	28.99	9.22	8.08	5.7	1.688	101.5
1711	3/11/2013 5:45:51	11.52	44.88	28.94	9.24	8.09	5.9	1.616	101.8
1712	3/11/2013 6:00:51	11.56	44.78	28.87	9.30	8.10	6.1	1.584	102.5
1713	3/11/2013 6:15:51	11.53	44.76	28.86	9.11	8.09	5.1	1.586	100.3
1714	3/11/2013 6:30:51	11.49	44.84	28.92	9.19	8.09	4.5	1.580	101.2
1715	3/11/2013 6:45:51	11.44	44.90	28.95	9.18	8.08	4.5	1.653	100.9
1716	3/11/2013 7:00:51	11.39	44.96	29.00	9.12	8.06	4.5	1.716	100.2
1717	3/11/2013 7:15:51	11.33	44.89	28.94	9.08	8.05	4.5	1.788	99.6
1718	3/11/2013 7:30:51	11.26	44.44	28.62	9.00	8.04	4.5	1.884	98.4
1719	3/11/2013 7:45:51	11.25	44.62	28.75	8.97	8.03	4.7	1.964	98.1
1720	3/11/2013 8:00:51	11.23	44.71	28.81	8.92	8.02	4.0	2.073	97.6
1721	3/11/2013 8:15:51	11.07	45.39	29.28	8.83	8.00	4.3	2.185	96.6
1722	3/11/2013 8:30:51	11.05	45.28	29.21	8.86	8.00	3.7	2.277	96.8
1723	3/11/2013 8:45:51	10.98	45.72	29.52	8.85	7.99	4.2	2.363	96.7
1724	3/11/2013 9:00:51	10.91	46.32	29.94	8.91	7.98	5.3	2.454	97.5
1725	3/11/2013 9:15:51	10.89	46.37	29.98	8.93	7.98	5.9	2.549	97.7
1726	3/11/2013 9:30:51	10.85	46.70	30.21	8.93	7.98	4.8	2.642	97.8
1727	3/11/2013 9:45:51	10.78	46.72	30.23	8.91	7.97	5.3	2.739	97.4
1728	3/11/2013 10:00:51	10.66	46.97	30.40	8.90	7.96	7.2	2.830	97.1
1729	3/11/2013 10:15:51	10.53	47.18	30.54	8.90	7.95	7.4	2.915	97.0
1730	3/11/2013 10:30:51	10.44	47.45	30.73	8.90	7.95	6.9	3.013	96.9
1731	3/11/2013 10:45:51	10.35	47.91	31.06	8.92	7.94	7.0	3.100	97.1
1732	3/11/2013 11:00:51	10.27	48.28	31.31	8.93	7.94	8.2	3.191	97.2
1733	3/11/2013 11:15:51	10.03	48.97	31.80	9.00	7.93	9.4	3.278	97.8
1734	3/11/2013 11:30:51	9.92	49.44	32.13	9.05	7.92	7.9	3.372	98.3
1735	3/11/2013 11:45:51	9.83	49.65	32.28	9.05	7.92	6.5	3.446	98.2
1736	3/11/2013 12:00:51	9.80	49.83	32.41	9.04	7.92	5.4	3.509	98.1
1737	3/11/2013 12:15:51	9.75	49.83	32.40	9.06	7.91	5.3	3.559	98.2
1738	3/11/2013 12:30:51	9.70	50.02	32.54	8.96	7.91	3.9	3.586	97.1
1739	3/11/2013 12:45:51	9.77	49.91	32.46	8.99	7.91	5.7	3.608	97.5
1740	3/11/2013 13:00:51	9.67	50.08	32.57	8.97	7.91	5.4	3.577	97.2
1741	3/11/2013 13:15:51	9.72	50.01	32.53	9.03	7.91	6.6	3.524	97.9
1742	3/11/2013 13:30:51	10.42	48.75	31.66	9.53	7.98	6.0	3.459	104.3
1743	3/11/2013 13:45:51	10.46	48.76	31.68	9.56	7.99	5.4	3.355	104.7
1744	3/11/2013 14:00:51	10.57	48.66	31.61	9.43	7.98	5.4	3.256	103.5
1745	3/11/2013 14:15:51	10.63	48.12	31.22	9.40	7.98	5.4	3.138	103.1
1746	3/11/2013 14:30:51	10.67	48.33	31.38	9.43	7.99	4.8	3.018	103.6
1747	3/11/2013 14:45:51	10.86	47.63	30.88	9.47	8.00	5.3	2.891	104.1
1748	3/11/2013 15:00:51	10.84	47.84	31.03	9.54	8.01	4.7	2.768	105.0

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1749	3/11/2013 15:15:51	11.02	47.17	30.56	9.50	8.02	6.3	2.658	104.6
1750	3/11/2013 15:30:51	11.11	46.96	30.42	9.86	8.04	4.4	2.526	108.7
1751	3/11/2013 15:45:51	11.18	46.94	30.41	9.89	8.05	4.8	2.384	109.2
1752	3/11/2013 16:00:51	11.36	46.35	29.99	9.78	8.07	5.1	2.263	108.1
1753	3/11/2013 16:15:51	11.38	46.51	30.10	10.09	8.10	4.7	2.129	111.7
1754	3/11/2013 16:30:51	11.53	46.13	29.84	9.97	8.10	4.9	1.978	110.5
1755	3/11/2013 16:45:51	11.62	45.95	29.71	10.07	8.12	4.9	1.846	111.7
1756	3/11/2013 17:00:51	11.75	45.56	29.44	10.00	8.12	5.3	1.705	111.0
1757	3/11/2013 17:15:51	11.83	45.51	29.41	9.88	8.12	5.1	1.591	109.9
1758	3/11/2013 17:30:51	11.87	45.40	29.33	9.82	8.12	4.3	1.477	109.2
1759	3/11/2013 17:45:51	11.97	45.18	29.18	9.79	8.13	4.8	1.387	109.0
1760	3/11/2013 18:00:51	12.03	45.08	29.11	9.76	8.13	4.0	1.311	108.8
1761	3/11/2013 18:15:51	12.09	44.93	29.00	9.77	8.14	3.8	1.286	109.0
1762	3/11/2013 18:30:51	12.04	44.98	29.04	9.75	8.13	3.9	1.294	108.7
1763	3/11/2013 18:45:51	12.00	45.02	29.06	9.75	8.13	3.4	1.303	108.6
1764	3/11/2013 19:00:51	11.97	45.08	29.10	9.71	8.12	4.0	1.375	108.1
1765	3/11/2013 19:15:51	11.97	45.07	29.10	9.70	8.12	3.4	1.452	108.0
1766	3/11/2013 19:30:51	11.95	44.95	29.01	9.70	8.12	3.6	1.533	107.9
1767	3/11/2013 19:45:51	11.91	44.79	28.90	9.64	8.11	4.5	1.627	107.0
1768	3/11/2013 20:00:51	11.88	44.81	28.91	9.59	8.10	3.9	1.708	106.4
1769	3/11/2013 20:15:51	11.84	44.89	28.97	9.57	8.10	3.6	1.818	106.2
1770	3/11/2013 20:30:51	11.81	44.93	28.99	9.56	8.09	3.7	1.907	106.0
1771	3/11/2013 20:45:51	11.61	45.34	29.28	9.43	8.07	3.6	2.007	104.4
1772	3/11/2013 21:00:51	11.47	45.91	29.68	9.31	8.05	4.0	2.110	103.0
1773	3/11/2013 21:15:51	11.35	46.09	29.80	9.21	8.03	4.3	2.211	101.6
1774	3/11/2013 21:30:51	11.30	46.19	29.87	9.18	8.02	4.3	2.319	101.2
1775	3/11/2013 21:45:51	11.23	46.37	30.00	9.16	8.02	4.7	2.441	100.9
1776	3/11/2013 22:00:51	11.17	46.58	30.15	9.18	8.01	5.9	2.535	101.1
1777	3/11/2013 22:15:51	11.05	46.83	30.32	9.13	8.00	5.7	2.641	100.4
1778	3/11/2013 22:30:51	10.98	47.04	30.46	9.09	7.99	6.6	2.753	100.0
1779	3/11/2013 22:45:51	10.82	47.29	30.63	9.07	7.98	8.2	2.839	99.5
1780	3/11/2013 23:00:51	10.71	47.34	30.66	9.09	7.97	8.4	2.945	99.5
1781	3/11/2013 23:15:51	10.60	47.66	30.89	9.07	7.96	8.2	3.042	99.2
1782	3/11/2013 23:30:51	10.32	48.71	31.63	9.02	7.95	9.2	3.142	98.5
1783	3/11/2013 23:45:51	10.16	49.19	31.97	8.99	7.94	7.7	3.234	98.0
1784	3/12/2013 0:00:51	10.04	49.39	32.10	8.97	7.93	7.3	3.325	97.6
1785	3/12/2013 0:15:51	9.94	49.44	32.13	8.95	7.93	6.7	3.410	97.2
1786	3/12/2013 0:30:51	9.85	49.87	32.44	8.92	7.92	6.6	3.485	96.9
1787	3/12/2013 0:45:51	9.70	50.03	32.54	8.98	7.92	5.7	3.544	97.3
1788	3/12/2013 1:00:51	9.61	50.32	32.75	9.00	7.92	5.0	3.583	97.4
1789	3/12/2013 1:15:51	9.60	50.33	32.75	8.88	7.91	3.8	3.601	96.2
1790	3/12/2013 1:30:51	9.63	50.27	32.71	8.98	7.92	5.1	3.582	97.2
1791	3/12/2013 1:45:51	9.87	49.51	32.17	8.93	7.93	5.8	3.546	96.9
1792	3/12/2013 2:00:51	9.88	49.69	32.31	8.93	7.93	7.5	3.479	97.1
1793	3/12/2013 2:15:51	10.27	48.78	31.68	8.86	7.95	7.1	3.383	96.7
1794	3/12/2013 2:30:51	10.15	49.08	31.88	8.91	7.94	9.2	3.282	97.1
1795	3/12/2013 2:45:51	10.36	48.49	31.47	8.91	7.95	9.3	3.172	97.3
1796	3/12/2013 3:00:51	10.39	48.40	31.41	8.89	7.95	6.7	3.047	97.1
1797	3/12/2013 3:15:51	10.43	48.39	31.41	8.90	7.95	5.3	2.931	97.3
1798	3/12/2013 3:30:51	10.58	47.72	30.93	8.91	7.96	5.4	2.806	97.4
1799	3/12/2013 3:45:51	10.76	47.27	30.62	8.92	7.98	6.8	2.684	97.8
1800	3/12/2013 4:00:51	10.53	48.05	31.16	8.92	7.96	5.3	2.569	97.6
1801	3/12/2013 4:15:51	10.83	47.09	30.49	8.91	7.99	5.9	2.444	97.7

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1802	3/12/2013 4:30:51	10.77	47.00	30.42	8.91	7.98	4.9	2.314	97.5
1803	3/12/2013 4:45:51	10.82	46.81	30.29	8.83	7.98	6.4	2.186	96.6
1804	3/12/2013 5:00:51	11.25	45.51	29.39	8.93	8.02	6.1	2.079	98.1
1805	3/12/2013 5:15:51	11.20	45.92	29.67	8.89	8.02	5.7	1.934	97.8
1806	3/12/2013 5:30:51	11.25	45.78	29.58	8.89	8.02	6.2	1.804	97.8
1807	3/12/2013 5:45:51	11.36	45.62	29.46	8.89	8.03	6.2	1.705	97.9
1808	3/12/2013 6:00:51	11.42	45.55	29.42	8.88	8.04	6.2	1.612	97.9
1809	3/12/2013 6:15:51	11.47	45.44	29.34	8.88	8.04	5.6	1.522	98.0
1810	3/12/2013 6:30:51	11.51	45.33	29.27	8.86	8.05	5.4	1.452	97.8
1811	3/12/2013 6:45:51	11.54	45.25	29.21	8.92	8.05	4.8	1.436	98.5
1812	3/12/2013 7:00:51	11.51	45.14	29.13	8.87	8.04	4.4	1.441	97.8
1813	3/12/2013 7:15:51	11.52	45.23	29.19	8.92	8.05	4.2	1.443	98.4
1814	3/12/2013 7:30:51	11.50	45.34	29.27	8.94	8.05	3.9	1.506	98.7
1815	3/12/2013 7:45:51	11.48	45.39	29.30	8.96	8.05	4.3	1.593	98.8
1816	3/12/2013 8:00:51	11.41	45.20	29.17	8.94	8.04	4.7	1.671	98.4
1817	3/12/2013 8:15:51	11.41	45.07	29.08	8.89	8.03	4.0	1.762	97.8
1818	3/12/2013 8:30:51	11.36	45.07	29.07	8.85	8.02	4.2	1.852	97.2
1819	3/12/2013 8:45:51	11.33	45.12	29.11	8.83	8.02	4.5	1.957	97.0
1820	3/12/2013 9:00:51	11.21	45.61	29.45	8.84	8.00	4.5	2.050	97.0
1821	3/12/2013 9:15:51	11.15	45.53	29.39	8.82	8.00	4.5	2.142	96.6
1822	3/12/2013 9:30:51	11.05	45.93	29.68	8.84	7.99	4.7	2.249	96.9
1823	3/12/2013 9:45:51	11.01	46.23	29.89	8.86	7.99	4.7	2.337	97.2
1824	3/12/2013 10:00:51	10.97	46.55	30.11	8.91	7.99	4.6	2.430	97.8
1825	3/12/2013 10:15:51	10.92	46.93	30.39	8.97	7.99	5.1	2.533	98.4
1826	3/12/2013 10:30:51	10.89	46.73	30.24	8.98	7.98	5.0	2.624	98.4
1827	3/12/2013 10:45:51	10.80	47.28	30.63	8.94	7.98	5.3	2.714	98.0
1828	3/12/2013 11:00:51	10.72	47.47	30.76	8.91	7.97	6.2	2.807	97.7
1829	3/12/2013 11:15:51	10.64	47.75	30.95	8.91	7.96	7.6	2.891	97.6
1830	3/12/2013 11:30:51	10.50	47.86	31.03	8.94	7.96	7.1	2.993	97.6
1831	3/12/2013 11:45:51	10.40	48.28	31.32	8.95	7.95	7.0	3.081	97.7
1832	3/12/2013 12:00:51	10.19	48.72	31.63	8.95	7.94	7.5	3.160	97.4
1833	3/12/2013 12:15:51	9.98	49.27	32.01	8.93	7.93	8.1	3.245	97.1
1834	3/12/2013 12:30:51	9.86	49.55	32.21	8.96	7.93	7.5	3.334	97.2
1835	3/12/2013 12:45:51	9.83	49.69	32.31	8.95	7.92	6.0	3.394	97.1
	Mean	10.00	48.09	31.16	9.38	8.03	5.88	2.51	101.43
	Minimum	8.73	43.38	27.80	8.36	7.86	1.70	1.19	89.20
	Maximum	12.56	51.32	33.40	10.81	8.20	23.90	3.68	120.00

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

Daylight Savings Time began 3/10 @ 2:00 AM

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	3/12/2013 13:16:33	9.77	49.96	32.49	9.07	7.85	4.7	3.405	98.4
1	3/12/2013 13:31:33	9.92	49.75	32.36	9.29	7.88	5.2	3.419	101.0
2	3/12/2013 13:46:33	9.79	49.98	32.51	9.05	7.87	4.7	3.398	98.2
3	3/12/2013 14:01:33	9.73	50.10	32.59	9.05	7.87	10.2	3.353	98.1
4	3/12/2013 14:16:33	9.86	49.89	32.45	9.13	7.89	8.2	3.287	99.2
5	3/12/2013 14:31:33	10.45	49.04	31.87	9.57	7.95	7.6	3.213	105.0
6	3/12/2013 14:46:33	10.52	49.25	32.03	9.64	7.95	6.7	3.090	106.0
7	3/12/2013 15:01:33	10.82	48.32	31.38	9.74	7.98	6.2	2.977	107.3
8	3/12/2013 15:16:33	10.83	48.25	31.33	9.75	7.98	6.1	2.884	107.5
9	3/12/2013 15:31:33	10.88	48.12	31.24	9.83	7.99	5.7	2.755	108.4
10	3/12/2013 15:46:33	10.97	47.99	31.15	9.88	8.00	5.4	2.638	109.1
11	3/12/2013 16:01:33	11.10	47.68	30.93	9.84	8.01	5.7	2.512	108.8
12	3/12/2013 16:16:33	11.17	47.51	30.81	9.79	8.02	5.9	2.392	108.3
13	3/12/2013 16:31:33	11.40	47.04	30.48	10.08	8.05	6.8	2.257	111.8
14	3/12/2013 16:46:33	11.52	46.81	30.33	10.39	8.08	5.3	2.139	115.5
15	3/12/2013 17:01:33	11.52	46.86	30.36	10.25	8.08	5.7	2.024	113.9
16	3/12/2013 17:16:33	11.67	46.47	30.09	10.15	8.07	5.6	1.881	113.0
17	3/12/2013 17:31:33	11.76	46.39	30.04	10.29	8.10	5.7	1.769	114.8
18	3/12/2013 17:46:33	11.86	46.25	29.94	10.29	8.11	5.9	1.639	114.9
19	3/12/2013 18:01:33	11.95	46.03	29.79	10.21	8.11	4.8	1.529	114.1
20	3/12/2013 18:16:33	12.01	45.90	29.69	10.16	8.11	4.8	1.441	113.6
21	3/12/2013 18:31:33	12.04	45.82	29.64	10.07	8.11	4.8	1.372	112.6
22	3/12/2013 18:46:33	12.07	45.74	29.58	10.00	8.11	4.5	1.337	112.0
23	3/12/2013 19:01:33	12.12	45.65	29.52	10.10	8.12	4.1	1.318	113.1
24	3/12/2013 19:16:33	12.06	45.74	29.58	9.87	8.10	3.7	1.316	110.4
25	3/12/2013 19:31:33	12.04	45.74	29.58	10.07	8.11	3.4	1.373	112.6
26	3/12/2013 19:46:33	12.03	45.75	29.59	10.05	8.10	3.4	1.423	112.4
27	3/12/2013 20:01:33	12.03	45.74	29.58	10.10	8.10	3.8	1.510	113.0
28	3/12/2013 20:16:33	12.01	45.77	29.60	10.06	8.10	4.0	1.587	112.4
29	3/12/2013 20:31:33	12.00	45.60	29.48	10.01	8.09	4.0	1.682	111.8
30	3/12/2013 20:46:33	11.98	45.61	29.49	9.96	8.08	4.3	1.782	111.2
31	3/12/2013 21:01:33	11.95	45.66	29.52	9.94	8.07	4.5	1.884	110.9
32	3/12/2013 21:16:33	11.87	45.86	29.66	9.93	8.06	4.3	1.984	110.7
33	3/12/2013 21:31:33	11.65	46.35	30.00	9.77	8.04	3.9	2.080	108.6
34	3/12/2013 21:46:33	11.56	46.44	30.06	9.57	8.03	4.3	2.185	106.3
35	3/12/2013 22:01:33	11.37	46.87	30.37	9.62	8.01	5.7	2.292	106.6
36	3/12/2013 22:16:33	11.26	47.23	30.62	9.58	8.00	4.8	2.384	106.1
37	3/12/2013 22:31:33	11.22	47.33	30.69	9.56	8.00	5.2	2.501	105.8
38	3/12/2013 22:46:33	11.14	47.51	30.81	9.52	7.99	6.1	2.597	105.3
39	3/12/2013 23:01:33	11.00	47.81	31.02	9.46	7.97	5.8	2.693	104.4
40	3/12/2013 23:16:33	10.83	48.03	31.17	9.43	7.96	7.9	2.790	103.8
41	3/12/2013 23:31:33	10.71	48.29	31.35	9.42	7.96	8.7	2.890	103.5
42	3/12/2013 23:46:33	10.59	48.60	31.57	9.33	7.94	8.6	2.954	102.4
43	3/13/2013 0:01:33	10.33	49.20	31.98	9.21	7.93	8.1	3.041	100.8
44	3/13/2013 0:16:33	10.03	49.88	32.46	9.05	7.91	7.8	3.142	98.8
45	3/13/2013 0:31:33	9.92	50.13	32.63	9.08	7.90	9.0	3.268	98.9
46	3/13/2013 0:46:33	9.85	50.32	32.76	9.02	7.90	6.7	3.332	98.2
47	3/13/2013 1:01:33	9.77	50.47	32.87	8.94	7.90	6.7	3.404	97.2
48	3/13/2013 1:16:33	9.65	50.65	32.99	8.85	7.89	6.7	3.483	96.0
49	3/13/2013 1:31:34	9.54	50.85	33.12	8.68	7.88	5.3	3.519	94.1
50	3/13/2013 1:46:34	9.50	50.91	33.17	8.47	7.87	3.9	3.540	91.7
51	3/13/2013 2:01:34	9.56	50.84	33.12	8.55	7.88	6.6	3.530	92.7
52	3/13/2013 2:16:34	9.49	50.95	33.19	8.60	7.88	5.9	3.497	93.1
53	3/13/2013 2:31:33	9.81	50.30	32.75	8.80	7.90	6.7	3.417	95.7
54	3/13/2013 2:46:33	10.25	49.33	32.08	9.05	7.93	6.2	3.337	99.0

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
55	3/13/2013 3:01:33	10.27	49.32	32.07	9.05	7.93	6.6	3.194	99.0
56	3/13/2013 3:16:33	10.42	48.93	31.79	9.10	7.95	6.4	3.152	99.6
57	3/13/2013 3:31:33	10.28	49.34	32.08	9.08	7.93	5.9	3.032	99.4
58	3/13/2013 3:46:34	10.48	48.85	31.74	9.09	7.95	5.6	2.920	99.7
59	3/13/2013 4:01:33	10.60	48.51	31.50	9.10	7.95	5.7	2.794	99.9
60	3/13/2013 4:16:33	10.57	48.60	31.56	9.10	7.95	5.6	2.674	99.9
61	3/13/2013 4:31:34	10.75	48.14	31.25	9.19	7.97	6.8	2.549	101.0
62	3/13/2013 4:46:34	10.69	48.22	31.30	9.20	7.97	5.8	2.430	101.1
63	3/13/2013 5:01:33	10.99	47.48	30.78	9.25	7.99	5.6	2.307	101.9
64	3/13/2013 5:16:33	11.02	47.35	30.69	9.20	7.99	6.3	2.179	101.4
65	3/13/2013 5:31:33	11.11	47.01	30.45	9.13	8.00	6.3	2.053	100.7
66	3/13/2013 5:46:33	11.29	46.68	30.23	9.20	8.01	6.5	1.919	101.6
67	3/13/2013 6:01:33	11.30	46.71	30.24	9.12	8.01	6.2	1.796	100.9
68	3/13/2013 6:16:33	11.37	46.54	30.13	9.16	8.02	6.4	1.665	101.3
69	3/13/2013 6:31:33	11.49	46.28	29.95	9.18	8.03	6.2	1.565	101.7
70	3/13/2013 6:46:33	11.54	46.14	29.84	9.15	8.04	6.0	1.457	101.5
71	3/13/2013 7:01:33	11.59	46.00	29.75	9.15	8.04	6.5	1.374	101.4
72	3/13/2013 7:16:33	11.63	45.88	29.67	9.12	8.04	6.4	1.335	101.2
73	3/13/2013 7:31:33	11.62	45.86	29.65	9.09	8.04	5.7	1.307	100.8
74	3/13/2013 7:46:33	11.63	45.88	29.67	9.11	8.04	4.9	1.313	101.1
75	3/13/2013 8:01:33	11.60	45.97	29.73	9.16	8.04	4.7	1.364	101.6
76	3/13/2013 8:16:33	11.60	46.00	29.75	9.20	8.04	4.8	1.434	102.1
77	3/13/2013 8:31:33	11.58	46.03	29.77	9.21	8.04	4.4	1.503	102.2
78	3/13/2013 8:46:33	11.54	45.67	29.51	9.14	8.03	5.0	1.596	101.1
79	3/13/2013 9:01:33	11.56	45.82	29.62	9.15	8.03	5.0	1.692	101.3
80	3/13/2013 9:16:33	11.52	45.76	29.57	9.09	8.02	5.0	1.780	100.5
81	3/13/2013 9:31:33	11.50	45.88	29.66	9.08	8.02	5.1	1.880	100.4
82	3/13/2013 9:46:33	11.37	46.27	29.93	9.08	8.01	5.4	1.952	100.3
83	3/13/2013 10:01:33	11.30	46.57	30.15	9.08	8.00	4.8	2.055	100.3
84	3/13/2013 10:16:33	11.19	46.88	30.36	9.10	7.99	5.0	2.149	100.4
85	3/13/2013 10:31:33	11.15	47.02	30.46	9.11	7.99	5.0	2.229	100.5
86	3/13/2013 10:46:33	11.10	47.12	30.53	9.16	7.99	4.9	2.327	101.0
87	3/13/2013 11:01:33	11.02	47.53	30.82	9.21	7.99	5.8	2.425	101.6
88	3/13/2013 11:16:33	11.01	47.58	30.85	9.23	7.99	6.7	2.520	101.8
89	3/13/2013 11:31:33	10.92	47.80	31.01	9.18	7.98	5.7	2.603	101.1
90	3/13/2013 11:46:33	10.82	48.01	31.15	9.15	7.97	6.1	2.695	100.7
91	3/13/2013 12:01:33	10.76	48.15	31.25	9.14	7.97	6.5	2.792	100.5
92	3/13/2013 12:16:33	10.61	48.38	31.41	9.10	7.96	7.9	2.875	99.9
93	3/13/2013 12:31:33	10.56	48.59	31.56	9.08	7.95	6.7	2.956	99.7
94	3/13/2013 12:46:33	10.45	48.86	31.74	9.03	7.94	6.8	3.048	99.0
95	3/13/2013 13:01:33	10.09	49.67	32.31	8.81	7.91	9.4	3.125	96.1
96	3/13/2013 13:16:33	9.95	50.07	32.59	8.74	7.90	7.2	3.193	95.2
97	3/13/2013 13:31:34	9.91	50.22	32.69	8.71	7.91	6.0	3.262	94.9
98	3/13/2013 13:46:33	9.87	50.31	32.76	8.68	7.90	5.3	3.307	94.6
99	3/13/2013 14:01:33	9.85	50.35	32.79	8.67	7.90	4.4	3.338	94.4
100	3/13/2013 14:16:33	9.94	50.23	32.70	8.74	7.91	4.6	3.356	95.3
101	3/13/2013 14:31:33	9.88	50.36	32.79	8.63	7.90	5.4	3.339	94.0
102	3/13/2013 14:46:33	9.88	50.37	32.80	8.64	7.90	6.4	3.296	94.2
103	3/13/2013 15:01:33	10.68	49.33	32.10	9.34	7.98	6.5	3.232	103.1
104	3/13/2013 15:16:33	10.81	49.09	31.93	9.69	8.00	5.3	3.160	107.2
105	3/13/2013 15:31:33	10.97	48.94	31.84	9.52	7.99	5.8	3.044	105.6
106	3/13/2013 15:46:33	11.10	48.52	31.54	9.75	8.02	6.1	2.945	108.2
107	3/13/2013 16:01:33	11.10	48.45	31.49	9.80	8.02	5.3	2.856	108.7
108	3/13/2013 16:16:33	11.18	48.29	31.38	9.88	8.03	5.1	2.727	109.7
109	3/13/2013 16:31:33	11.42	47.94	31.13	10.04	8.05	6.2	2.610	112.0

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
110	3/13/2013 16:46:33	11.53	47.64	30.92	10.01	8.05	5.9	2.519	111.7
111	3/13/2013 17:01:33	11.69	47.33	30.71	10.10	8.07	5.0	2.397	112.9
112	3/13/2013 17:16:33	11.77	47.23	30.64	10.40	8.09	5.7	2.281	116.4
113	3/13/2013 17:31:33	11.90	46.99	30.47	10.52	8.11	5.3	2.167	117.9
114	3/13/2013 17:46:33	11.89	46.96	30.45	10.42	8.10	4.7	2.067	116.8
115	3/13/2013 18:01:33	11.94	46.94	30.44	10.55	8.12	4.5	1.945	118.4
116	3/13/2013 18:16:33	12.06	46.71	30.28	10.63	8.13	4.7	1.825	119.4
117	3/13/2013 18:31:33	12.19	46.58	30.19	10.71	8.15	4.6	1.752	120.6
118	3/13/2013 18:46:33	12.27	46.41	30.07	10.69	8.15	4.7	1.654	120.5
119	3/13/2013 19:01:33	12.33	46.29	29.99	10.64	8.15	4.3	1.587	120.0
120	3/13/2013 19:16:33	12.39	46.17	29.91	10.59	8.15	4.2	1.544	119.6
121	3/13/2013 19:31:33	12.45	46.07	29.83	10.59	8.15	4.0	1.526	119.7
122	3/13/2013 19:46:33	12.39	46.11	29.86	10.43	8.14	3.6	1.517	117.7
123	3/13/2013 20:01:33	12.41	46.10	29.85	10.55	8.15	3.6	1.540	119.2
124	3/13/2013 20:16:33	12.35	46.16	29.89	10.52	8.14	3.6	1.591	118.6
125	3/13/2013 20:31:33	12.34	46.15	29.89	10.49	8.13	3.7	1.656	118.3
126	3/13/2013 20:46:33	12.30	46.19	29.91	10.41	8.12	3.8	1.740	117.3
127	3/13/2013 21:01:33	12.35	45.91	29.72	10.31	8.11	4.9	1.819	116.2
128	3/13/2013 21:16:33	12.28	46.00	29.78	10.26	8.10	4.5	1.922	115.5
129	3/13/2013 21:31:33	12.24	46.06	29.82	10.23	8.10	4.4	2.008	115.1
130	3/13/2013 21:46:33	12.13	46.35	30.02	10.22	8.09	4.0	2.111	114.8
131	3/13/2013 22:01:33	11.95	46.70	30.27	10.04	8.07	4.6	2.204	112.6
132	3/13/2013 22:16:33	11.70	47.11	30.55	9.81	8.04	4.5	2.292	109.6
133	3/13/2013 22:31:33	11.55	47.41	30.76	9.67	8.02	4.8	2.395	107.8
134	3/13/2013 22:46:33	11.41	47.74	30.99	9.61	8.01	5.3	2.496	107.0
135	3/13/2013 23:01:33	11.37	47.83	31.06	9.58	8.01	4.7	2.572	106.7
136	3/13/2013 23:16:33	11.23	48.11	31.25	9.50	7.99	5.1	2.672	105.5
137	3/13/2013 23:31:33	11.10	48.33	31.40	9.39	7.98	6.5	2.767	104.1
138	3/13/2013 23:46:33	10.95	48.50	31.52	9.31	7.97	7.5	2.849	103.0
139	3/14/2013 0:01:33	10.78	48.73	31.67	9.22	7.96	7.1	2.949	101.7
140	3/14/2013 0:16:34	10.67	48.96	31.83	9.14	7.95	6.7	3.039	100.7
141	3/14/2013 0:31:33	10.46	49.37	32.12	8.98	7.93	7.4	3.143	98.6
142	3/14/2013 0:46:34	10.15	50.01	32.55	8.67	7.90	9.5	3.233	94.9
143	3/14/2013 1:01:33	9.94	50.38	32.81	8.49	7.89	7.1	3.318	92.6
144	3/14/2013 1:16:33	9.81	50.62	32.98	8.44	7.88	6.4	3.411	91.9
145	3/14/2013 1:31:33	9.80	50.66	33.01	8.39	7.88	5.7	3.480	91.4
146	3/14/2013 1:46:33	9.74	50.77	33.08	8.38	7.88	5.1	3.535	91.3
147	3/14/2013 2:01:34	9.66	50.89	33.16	8.35	7.88	4.3	3.568	90.8
148	3/14/2013 2:16:34	9.81	50.73	33.05	8.39	7.89	4.7	3.598	91.4
149	3/14/2013 2:31:33	9.72	50.81	33.11	8.31	7.88	4.3	3.605	90.4
150	3/14/2013 2:46:34	9.67	50.91	33.17	8.34	7.88	5.1	3.555	90.6
151	3/14/2013 3:01:33	10.27	49.67	32.32	8.57	7.92	8.0	3.506	93.9
152	3/14/2013 3:16:34	10.32	49.55	32.23	8.74	7.92	5.1	3.429	95.8
153	3/14/2013 3:31:34	10.32	49.61	32.28	8.73	7.92	5.4	3.332	95.7
154	3/14/2013 3:46:34	10.42	49.41	32.14	8.74	7.93	5.1	3.225	95.9
155	3/14/2013 4:01:34	10.37	49.50	32.20	8.79	7.93	5.5	3.091	96.5
156	3/14/2013 4:16:34	10.51	49.28	32.05	8.74	7.93	5.7	2.986	96.0
157	3/14/2013 4:31:33	10.53	49.22	32.01	8.84	7.93	5.2	2.885	97.2
158	3/14/2013 4:46:33	10.57	49.11	31.93	8.82	7.93	5.1	2.752	97.1
159	3/14/2013 5:01:33	10.89	48.43	31.46	9.02	7.96	5.6	2.651	99.6
160	3/14/2013 5:16:33	10.73	48.73	31.67	8.90	7.95	4.9	2.529	98.1
161	3/14/2013 5:31:33	11.16	47.83	31.05	9.14	7.99	5.6	2.408	101.2
162	3/14/2013 5:46:33	11.19	47.68	30.94	9.08	7.99	5.1	2.277	100.6
163	3/14/2013 6:01:33	11.44	47.11	30.54	9.27	8.01	6.0	2.160	102.9
164	3/14/2013 6:16:33	11.23	47.48	30.79	9.11	7.99	6.9	2.037	100.9

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
165	3/14/2013 6:31:33	11.55	46.97	30.44	9.18	8.01	7.6	1.899	102.2
166	3/14/2013 6:46:33	11.60	46.90	30.39	9.31	8.02	6.2	1.784	103.6
167	3/14/2013 7:01:33	11.66	46.79	30.32	9.31	8.02	6.1	1.669	103.7
168	3/14/2013 7:16:33	11.72	46.65	30.22	9.31	8.03	5.7	1.558	103.9
169	3/14/2013 7:31:33	11.80	46.46	30.09	9.32	8.04	5.4	1.469	104.0
170	3/14/2013 7:46:33	11.85	46.32	29.99	9.32	8.04	5.2	1.403	104.1
171	3/14/2013 8:01:34	11.88	46.25	29.94	9.31	8.05	4.5	1.368	104.0
172	3/14/2013 8:16:33	11.91	46.17	29.89	9.24	8.04	4.2	1.332	103.3
173	3/14/2013 8:31:33	11.85	46.27	29.96	9.08	8.03	4.2	1.334	101.4
174	3/14/2013 8:46:34	11.89	46.27	29.95	9.35	8.04	4.5	1.393	104.5
175	3/14/2013 9:01:33	11.88	46.32	29.99	9.39	8.04	4.2	1.450	105.0
176	3/14/2013 9:16:33	11.88	46.31	29.99	9.41	8.04	4.4	1.509	105.2
177	3/14/2013 9:31:33	11.85	46.04	29.79	9.35	8.03	4.8	1.598	104.3
178	3/14/2013 9:46:34	11.84	46.23	29.93	9.35	8.03	4.6	1.694	104.4
179	3/14/2013 10:01:33	11.81	46.00	29.76	9.28	8.02	4.8	1.769	103.5
180	3/14/2013 10:16:33	11.77	46.19	29.89	9.24	8.01	4.8	1.849	102.9
181	3/14/2013 10:31:34	11.73	46.37	30.02	9.24	8.02	4.8	1.955	103.0
182	3/14/2013 10:46:33	11.59	46.78	30.31	9.22	8.00	5.0	2.046	102.6
183	3/14/2013 11:01:33	11.51	46.93	30.41	9.17	7.99	4.5	2.139	101.9
184	3/14/2013 11:16:33	11.39	47.31	30.68	9.15	7.98	4.8	2.241	101.7
185	3/14/2013 11:31:33	11.31	47.60	30.89	9.24	7.98	4.9	2.332	102.6
186	3/14/2013 11:46:33	11.26	47.80	31.03	9.22	7.98	4.4	2.441	102.4
187	3/14/2013 12:01:33	11.24	47.87	31.07	9.22	7.98	4.7	2.521	102.3
188	3/14/2013 12:16:33	11.16	48.02	31.18	9.14	7.97	4.5	2.604	101.4
189	3/14/2013 12:31:33	11.08	48.20	31.31	9.09	7.96	5.2	2.681	100.8
190	3/14/2013 12:46:33	10.99	48.35	31.41	9.01	7.95	5.0	2.763	99.7
191	3/14/2013 13:01:34	10.90	48.49	31.50	9.00	7.95	5.4	2.833	99.4
192	3/14/2013 13:16:34	10.80	48.63	31.60	8.97	7.94	6.0	2.916	98.9
193	3/14/2013 13:31:33	10.71	48.81	31.73	8.93	7.93	5.1	2.976	98.4
194	3/14/2013 13:46:33	10.64	48.98	31.84	8.89	7.93	4.9	3.052	97.9
195	3/14/2013 14:01:34	10.36	49.54	32.23	8.70	7.91	5.4	3.113	95.4
196	3/14/2013 14:16:33	10.15	49.92	32.49	8.58	7.90	5.0	3.160	93.9
197	3/14/2013 14:31:33	10.08	50.08	32.60	8.51	7.89	4.3	3.218	93.0
198	3/14/2013 14:46:33	10.05	50.16	32.66	8.39	7.89	3.4	3.240	91.7
199	3/14/2013 15:01:33	10.07	50.14	32.65	8.40	7.90	3.7	3.260	91.8
200	3/14/2013 15:16:33	10.04	50.24	32.71	8.40	7.89	3.8	3.243	91.8
201	3/14/2013 15:31:33	10.03	50.23	32.71	8.43	7.89	4.3	3.213	92.1
202	3/14/2013 15:46:34	10.86	49.14	31.97	9.30	7.98	4.5	3.157	102.9
203	3/14/2013 16:01:33	11.09	48.78	31.72	9.49	7.99	5.0	3.087	105.5
204	3/14/2013 16:16:34	10.78	49.02	31.88	9.14	7.96	6.2	3.015	101.0
205	3/14/2013 16:31:33	11.17	48.55	31.57	9.59	8.00	5.4	2.908	106.6
206	3/14/2013 16:46:33	11.31	48.42	31.48	9.62	8.00	5.1	2.804	107.2
207	3/14/2013 17:01:33	11.39	48.37	31.45	9.79	8.02	4.8	2.729	109.3
208	3/14/2013 17:16:33	11.56	48.17	31.31	10.00	8.04	4.5	2.616	112.0
209	3/14/2013 17:31:33	11.56	48.21	31.34	10.10	8.04	5.3	2.518	113.1
210	3/14/2013 17:46:33	11.67	47.94	31.15	10.15	8.05	5.2	2.417	113.7
211	3/14/2013 18:01:33	11.92	47.35	30.73	10.34	8.07	5.0	2.307	116.2
212	3/14/2013 18:16:33	12.04	47.47	30.83	10.60	8.10	4.7	2.238	119.4
213	3/14/2013 18:31:33	12.08	47.21	30.64	10.62	8.11	4.2	2.124	119.7
214	3/14/2013 18:46:33	12.18	46.99	30.49	10.68	8.12	4.3	2.024	120.5
215	3/14/2013 19:01:33	12.21	46.91	30.43	10.74	8.12	4.3	1.938	121.2
216	3/14/2013 19:16:33	12.28	46.72	30.30	10.74	8.13	3.9	1.885	121.3
217	3/14/2013 19:31:33	12.35	46.69	30.27	10.79	8.14	4.0	1.803	122.0
218	3/14/2013 19:46:33	12.37	46.59	30.21	10.68	8.13	3.7	1.762	120.8
219	3/14/2013 20:01:33	12.41	46.49	30.14	10.72	8.13	4.0	1.751	121.2

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
220	3/14/2013 20:16:33	12.37	46.49	30.13	10.62	8.13	3.4	1.720	120.0
221	3/14/2013 20:31:33	12.32	46.60	30.21	10.64	8.12	3.5	1.753	120.2
222	3/14/2013 20:46:33	12.30	46.61	30.22	10.63	8.12	3.4	1.782	120.0
223	3/14/2013 21:01:33	12.26	46.63	30.23	10.58	8.11	4.0	1.825	119.4
224	3/14/2013 21:16:33	12.22	46.64	30.23	10.55	8.11	3.8	1.898	118.9
225	3/14/2013 21:31:33	12.22	46.53	30.16	10.45	8.10	4.4	1.981	117.8
226	3/14/2013 21:46:33	12.19	46.58	30.19	10.39	8.09	4.0	2.049	117.0
227	3/14/2013 22:01:33	12.16	46.64	30.23	10.29	8.08	3.9	2.152	115.9
228	3/14/2013 22:16:33	12.10	46.79	30.34	10.26	8.07	4.0	2.230	115.5
229	3/14/2013 22:31:33	11.93	47.12	30.57	10.05	8.05	3.9	2.311	112.9
230	3/14/2013 22:46:33	11.69	47.59	30.90	9.75	8.02	3.8	2.403	109.2
231	3/14/2013 23:01:33	11.53	47.84	31.07	9.57	8.00	4.3	2.487	106.9
232	3/14/2013 23:16:33	11.46	47.95	31.15	9.49	7.99	3.9	2.569	105.9
233	3/14/2013 23:31:33	11.35	48.23	31.34	9.45	7.99	4.1	2.642	105.3
234	3/14/2013 23:46:33	11.28	48.34	31.42	9.38	7.98	4.4	2.729	104.5
235	3/15/2013 0:01:33	11.05	48.68	31.65	9.25	7.96	6.3	2.810	102.6
236	3/15/2013 0:16:33	10.94	48.83	31.75	9.17	7.95	5.6	2.896	101.6
237	3/15/2013 0:31:33	10.76	48.97	31.84	9.07	7.94	5.9	2.982	100.1
238	3/15/2013 0:46:33	10.64	49.18	31.99	8.98	7.93	5.9	3.069	99.0
239	3/15/2013 1:01:34	10.47	49.45	32.17	8.89	7.92	5.8	3.157	97.7
240	3/15/2013 1:16:34	10.31	49.74	32.37	8.76	7.91	5.3	3.234	96.1
241	3/15/2013 1:31:34	10.10	50.11	32.62	8.56	7.89	5.9	3.329	93.6
242	3/15/2013 1:46:34	9.83	50.58	32.95	8.30	7.87	5.0	3.405	90.4
243	3/15/2013 2:01:33	9.77	50.64	32.99	8.23	7.86	5.0	3.454	89.6
244	3/15/2013 2:16:34	9.65	50.82	33.11	8.14	7.86	4.2	3.511	88.4
245	3/15/2013 2:31:34	9.63	50.85	33.13	8.06	7.85	3.9	3.559	87.5
246	3/15/2013 2:46:34	9.61	50.89	33.16	8.05	7.86	3.8	3.577	87.4
247	3/15/2013 3:01:34	9.67	50.82	33.11	8.05	7.86	3.7	3.568	87.5
248	3/15/2013 3:16:34	9.60	50.90	33.17	8.04	7.86	4.1	3.538	87.3
249	3/15/2013 3:31:33	10.48	49.09	31.91	8.83	7.93	5.7	3.497	97.0
250	3/15/2013 3:46:34	10.41	49.42	32.15	8.71	7.92	5.5	3.432	95.6
251	3/15/2013 4:01:34	10.16	49.96	32.52	8.39	7.89	5.0	3.352	91.8
252	3/15/2013 4:16:34	10.30	49.66	32.32	8.56	7.91	6.3	3.247	93.9
253	3/15/2013 4:31:33	10.58	49.14	31.96	8.78	7.93	5.1	3.145	96.7
254	3/15/2013 4:46:33	10.57	49.23	32.02	8.75	7.92	5.1	3.032	96.3
255	3/15/2013 5:01:33	10.63	49.06	31.90	8.83	7.93	4.8	2.918	97.3
256	3/15/2013 5:16:34	10.69	48.92	31.81	8.85	7.94	5.1	2.817	97.5
257	3/15/2013 5:31:33	10.67	48.96	31.83	9.00	7.93	5.7	2.695	99.1
258	3/15/2013 5:46:34	10.83	48.64	31.61	8.99	7.95	5.1	2.585	99.2
259	3/15/2013 6:01:33	11.04	48.18	31.29	9.16	7.98	5.4	2.472	101.4
260	3/15/2013 6:16:33	10.77	48.56	31.55	8.90	7.95	5.0	2.344	98.1
261	3/15/2013 6:31:33	11.19	47.74	30.98	9.11	8.00	4.8	2.233	101.0
262	3/15/2013 6:46:33	11.04	47.81	31.03	9.17	7.99	5.5	2.105	101.3
263	3/15/2013 7:01:33	11.12	47.56	30.85	9.19	7.99	5.5	1.984	101.6
264	3/15/2013 7:16:33	11.26	47.40	30.74	9.26	8.00	8.1	1.871	102.6
265	3/15/2013 7:31:33	11.37	47.23	30.62	9.30	8.01	5.1	1.766	103.2
266	3/15/2013 7:46:33	11.41	47.13	30.55	9.33	8.02	4.8	1.647	103.6
267	3/15/2013 8:01:33	11.53	46.91	30.40	9.40	8.03	4.7	1.559	104.6
268	3/15/2013 8:16:33	11.53	46.83	30.34	9.41	8.04	4.6	1.487	104.6
269	3/15/2013 8:31:33	11.58	46.71	30.26	9.43	8.04	4.3	1.424	104.9
270	3/15/2013 8:46:33	11.62	46.63	30.20	9.48	8.05	4.0	1.403	105.5
271	3/15/2013 9:01:33	11.59	46.66	30.22	9.36	8.04	3.8	1.397	104.2
272	3/15/2013 9:16:33	11.63	46.68	30.24	9.48	8.05	3.8	1.425	105.5
273	3/15/2013 9:31:33	11.65	46.74	30.28	9.47	8.04	3.9	1.453	105.5
274	3/15/2013 9:46:33	11.69	46.78	30.31	9.50	8.04	3.6	1.519	105.9

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
275	3/15/2013 10:01:33	11.75	46.79	30.32	9.52	8.04	3.9	1.591	106.4
276	3/15/2013 10:16:33	11.69	46.62	30.20	9.48	8.03	4.3	1.665	105.7
277	3/15/2013 10:31:33	11.67	46.72	30.27	9.46	8.03	4.0	1.738	105.4
278	3/15/2013 10:46:33	11.61	46.65	30.21	9.39	8.02	3.9	1.821	104.5
279	3/15/2013 11:01:33	11.58	46.72	30.27	9.36	8.02	4.2	1.905	104.1
280	3/15/2013 11:16:33	11.54	46.81	30.33	9.34	8.01	4.0	1.965	103.8
281	3/15/2013 11:31:33	11.64	46.62	30.19	9.29	8.01	3.7	2.051	103.4
282	3/15/2013 11:46:33	11.39	47.33	30.69	9.24	7.99	4.0	2.140	102.7
283	3/15/2013 12:01:33	11.31	47.56	30.86	9.21	7.98	4.3	2.214	102.2
284	3/15/2013 12:16:33	11.31	47.83	31.05	9.24	7.98	4.3	2.308	102.7
285	3/15/2013 12:31:33	11.30	48.00	31.18	9.27	7.98	4.3	2.377	103.1
286	3/15/2013 12:46:33	11.29	48.07	31.22	9.27	7.98	4.1	2.470	103.1
287	3/15/2013 13:01:33	11.25	48.16	31.29	9.25	7.98	4.2	2.556	102.8
288	3/15/2013 13:16:33	11.16	48.30	31.38	9.17	7.97	4.5	2.622	101.8
289	3/15/2013 13:31:33	11.14	48.38	31.44	9.11	7.96	4.2	2.705	101.1
290	3/15/2013 13:46:33	11.11	48.42	31.47	9.07	7.95	4.6	2.772	100.7
291	3/15/2013 14:01:33	10.99	48.64	31.62	8.99	7.94	4.4	2.849	99.7
292	3/15/2013 14:16:33	10.97	48.80	31.73	8.98	7.94	4.6	2.906	99.6
293	3/15/2013 14:31:34	10.90	48.94	31.83	8.95	7.94	4.3	2.981	99.1
294	3/15/2013 14:46:33	10.83	49.04	31.90	8.89	7.93	3.9	3.032	98.3
295	3/15/2013 15:01:33	10.77	49.16	31.98	8.83	7.92	3.7	3.082	97.6
296	3/15/2013 15:16:33	10.47	49.50	32.21	8.68	7.90	3.9	3.128	95.4
297	3/15/2013 15:31:33	10.39	49.76	32.39	8.52	7.90	2.7	3.133	93.6
298	3/15/2013 15:46:33	10.44	49.72	32.37	8.58	7.90	3.1	3.144	94.4
299	3/15/2013 16:01:33	10.43	49.69	32.34	8.55	7.90	3.4	3.131	94.0
300	3/15/2013 16:16:33	10.57	49.43	32.16	8.70	7.91	4.1	3.094	95.8
301	3/15/2013 16:31:33	10.87	49.11	31.95	8.87	7.93	5.4	3.026	98.3
302	3/15/2013 16:46:33	11.38	48.60	31.61	9.41	7.99	4.8	2.962	105.1
303	3/15/2013 17:01:33	11.27	48.79	31.74	9.51	7.99	4.8	2.885	106.1
304	3/15/2013 17:16:33	11.28	48.69	31.67	9.49	7.99	4.8	2.798	105.8
305	3/15/2013 17:31:33	11.28	48.68	31.66	9.49	7.99	4.5	2.709	105.8
306	3/15/2013 17:46:33	11.45	48.47	31.52	9.63	8.01	4.3	2.630	107.7
307	3/15/2013 18:01:33	11.66	48.11	31.27	9.69	8.02	4.3	2.556	108.7
308	3/15/2013 18:16:33	11.77	47.99	31.19	9.90	8.05	4.1	2.476	111.2
309	3/15/2013 18:31:33	11.92	47.59	30.91	10.00	8.05	4.4	2.391	112.5
310	3/15/2013 18:46:33	12.09	47.27	30.68	10.13	8.07	4.3	2.315	114.2
311	3/15/2013 19:01:33	12.11	47.27	30.69	10.30	8.09	4.0	2.245	116.1
312	3/15/2013 19:16:33	12.07	47.50	30.85	10.33	8.10	4.0	2.171	116.5
313	3/15/2013 19:31:33	12.18	47.22	30.65	10.34	8.11	4.0	2.103	116.8
314	3/15/2013 19:46:33	12.24	47.11	30.57	10.38	8.12	3.9	2.043	117.4
315	3/15/2013 20:01:33	12.33	47.00	30.50	10.38	8.12	3.8	2.004	117.5
316	3/15/2013 20:16:33	12.36	46.96	30.47	10.40	8.12	3.8	1.953	117.7
317	3/15/2013 20:31:33	12.45	46.84	30.39	10.41	8.13	3.6	1.934	118.1
318	3/15/2013 20:46:33	12.47	46.80	30.36	10.37	8.13	3.5	1.911	117.7
319	3/15/2013 21:01:33	12.32	46.96	30.47	10.21	8.10	3.1	1.925	115.5
320	3/15/2013 21:16:33	12.22	47.05	30.53	10.07	8.07	2.9	1.938	113.7
321	3/15/2013 21:31:33	12.22	47.05	30.53	10.11	8.08	3.6	1.968	114.2
322	3/15/2013 21:46:33	12.28	46.96	30.47	10.22	8.09	3.6	2.023	115.5
323	3/15/2013 22:01:33	12.27	46.99	30.49	10.20	8.09	3.7	2.075	115.3
324	3/15/2013 22:16:33	12.15	47.12	30.58	10.05	8.07	3.6	2.141	113.4
325	3/15/2013 22:31:33	12.22	47.00	30.50	10.08	8.07	4.1	2.223	113.8
326	3/15/2013 22:46:33	12.15	47.08	30.55	9.98	8.07	3.7	2.289	112.6
327	3/15/2013 23:01:33	12.04	47.33	30.73	9.89	8.05	3.7	2.374	111.4
328	3/15/2013 23:16:33	11.89	47.65	30.95	9.73	8.03	3.7	2.453	109.4
329	3/15/2013 23:31:33	11.77	47.88	31.11	9.60	8.01	3.6	2.525	107.7

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
330	3/15/2013 23:46:33	11.58	48.14	31.29	9.42	7.99	4.4	2.605	105.5
331	3/16/2013 0:01:33	11.37	48.47	31.52	9.28	7.97	4.1	2.673	103.6
332	3/16/2013 0:16:33	11.30	48.61	31.61	9.20	7.97	3.8	2.753	102.6
333	3/16/2013 0:31:33	11.17	48.81	31.75	9.14	7.96	3.8	2.830	101.7
334	3/16/2013 0:46:33	10.98	49.07	31.93	9.00	7.94	4.0	2.899	99.9
335	3/16/2013 1:01:33	10.89	49.22	32.03	8.94	7.93	4.6	2.976	99.1
336	3/16/2013 1:16:33	10.78	49.37	32.14	8.89	7.93	4.4	3.058	98.3
337	3/16/2013 1:31:33	10.69	49.46	32.19	8.82	7.92	4.6	3.134	97.4
338	3/16/2013 1:46:33	10.61	49.54	32.25	8.77	7.91	4.7	3.209	96.8
339	3/16/2013 2:01:33	10.45	49.75	32.39	8.68	7.90	4.3	3.282	95.5
340	3/16/2013 2:16:34	10.35	49.90	32.49	8.61	7.90	4.5	3.358	94.5
341	3/16/2013 2:31:34	10.16	50.18	32.69	8.49	7.89	4.1	3.411	93.0
342	3/16/2013 2:46:34	10.06	50.33	32.78	8.40	7.88	4.0	3.458	91.9
343	3/16/2013 3:01:34	9.99	50.44	32.86	8.21	7.87	3.4	3.494	89.7
344	3/16/2013 3:16:34	10.08	50.33	32.79	8.35	7.88	3.6	3.509	91.4
345	3/16/2013 3:31:33	9.90	50.57	32.95	8.23	7.86	3.1	3.509	89.8
346	3/16/2013 3:46:33	9.92	50.55	32.93	8.25	7.86	3.7	3.470	90.1
347	3/16/2013 4:01:34	10.34	49.89	32.48	8.50	7.90	4.4	3.427	93.4
348	3/16/2013 4:16:34	10.52	49.60	32.28	8.60	7.91	4.4	3.364	94.7
349	3/16/2013 4:31:33	10.48	49.67	32.33	8.61	7.90	5.1	3.276	94.7
350	3/16/2013 4:46:34	10.33	49.90	32.49	8.56	7.90	5.1	3.198	94.0
351	3/16/2013 5:01:34	10.56	49.54	32.24	8.72	7.92	5.6	3.096	96.1
352	3/16/2013 5:16:33	10.81	49.12	31.95	8.77	7.93	4.8	2.998	97.0
353	3/16/2013 5:31:33	10.87	49.06	31.92	8.74	7.93	4.8	2.906	96.8
354	3/16/2013 5:46:33	11.00	48.86	31.78	8.83	7.94	5.1	2.801	97.9
355	3/16/2013 6:01:33	11.29	48.34	31.42	9.04	7.97	5.1	2.704	100.6
356	3/16/2013 6:16:33	11.08	48.71	31.68	9.11	7.94	5.0	2.589	101.1
357	3/16/2013 6:31:33	11.29	48.30	31.39	9.04	7.97	5.2	2.470	100.7
358	3/16/2013 6:46:33	11.60	47.74	31.00	9.05	8.00	5.4	2.367	101.2
359	3/16/2013 7:01:33	11.67	47.63	30.92	9.27	8.01	5.0	2.256	103.8
360	3/16/2013 7:16:34	11.70	47.53	30.85	9.17	8.02	5.1	2.158	102.7
361	3/16/2013 7:31:34	11.76	47.43	30.78	9.24	8.03	4.5	2.057	103.5
362	3/16/2013 7:46:34	11.63	47.58	30.89	9.27	8.02	4.3	1.938	103.7
363	3/16/2013 8:01:33	11.72	47.40	30.76	9.27	8.03	4.5	1.838	103.8
364	3/16/2013 8:16:33	11.82	47.26	30.66	9.30	8.04	4.5	1.747	104.2
365	3/16/2013 8:31:33	11.86	47.17	30.60	9.32	8.04	4.5	1.657	104.5
366	3/16/2013 8:46:33	11.91	47.06	30.53	9.34	8.05	4.5	1.575	104.8
367	3/16/2013 9:01:33	11.95	47.01	30.49	9.34	8.05	4.3	1.521	104.9
368	3/16/2013 9:16:33	12.00	46.90	30.42	9.35	8.06	4.5	1.454	105.1
369	3/16/2013 9:31:33	12.05	46.82	30.35	9.39	8.07	4.0	1.449	105.5
370	3/16/2013 9:46:33	11.96	46.94	30.44	9.09	8.06	3.4	1.437	102.1
371	3/16/2013 10:01:33	12.05	46.85	30.38	9.36	8.06	3.6	1.457	105.3
372	3/16/2013 10:16:33	12.03	46.91	30.42	9.36	8.06	3.5	1.497	105.3
373	3/16/2013 10:31:33	12.06	46.90	30.41	9.41	8.06	3.4	1.540	105.8
374	3/16/2013 10:46:33	12.13	46.87	30.40	9.44	8.07	3.7	1.602	106.3
375	3/16/2013 11:01:33	12.11	46.89	30.41	9.48	8.07	3.5	1.665	106.7
376	3/16/2013 11:16:34	12.10	46.74	30.30	9.41	8.06	3.9	1.741	105.9
377	3/16/2013 11:31:33	12.15	46.34	30.02	9.38	8.05	4.2	1.813	105.5
378	3/16/2013 11:46:33	12.13	46.47	30.11	9.38	8.05	4.0	1.879	105.4
379	3/16/2013 12:01:33	12.09	46.66	30.24	9.35	8.04	3.6	1.949	105.1
380	3/16/2013 12:16:33	12.03	46.78	30.33	9.30	8.04	3.9	2.035	104.5
381	3/16/2013 12:31:33	11.91	46.99	30.48	9.23	8.02	3.9	2.103	103.5
382	3/16/2013 12:46:33	11.86	47.11	30.56	9.22	8.01	3.8	2.167	103.3
383	3/16/2013 13:01:33	11.80	47.29	30.69	9.19	8.00	4.0	2.254	103.0
384	3/16/2013 13:16:33	11.68	47.64	30.93	9.12	7.99	3.6	2.324	102.1

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
385	3/16/2013 13:31:33	11.59	47.90	31.11	9.11	7.98	3.9	2.393	102.0
386	3/16/2013 13:46:33	11.64	47.95	31.15	9.13	7.98	3.4	2.461	102.2
387	3/16/2013 14:01:33	11.54	48.20	31.33	9.14	7.98	3.7	2.537	102.3
388	3/16/2013 14:16:33	11.38	48.36	31.44	9.07	7.96	3.8	2.593	101.2
389	3/16/2013 14:31:33	11.38	48.43	31.49	9.04	7.96	3.5	2.652	100.9
390	3/16/2013 14:46:33	11.38	48.55	31.58	9.02	7.96	3.5	2.712	100.7
391	3/16/2013 15:01:33	11.35	48.61	31.61	9.01	7.95	3.2	2.760	100.6
392	3/16/2013 15:16:33	11.25	48.70	31.68	8.96	7.95	3.4	2.811	99.8
393	3/16/2013 15:31:33	11.15	48.80	31.74	8.93	7.94	3.6	2.852	99.4
394	3/16/2013 15:46:33	11.10	48.86	31.78	8.88	7.93	3.3	2.893	98.8
395	3/16/2013 16:01:33	11.07	48.92	31.82	8.84	7.93	3.3	2.929	98.2
396	3/16/2013 16:16:33	11.06	48.95	31.84	8.77	7.93	2.7	2.952	97.5
397	3/16/2013 16:31:33	11.23	48.85	31.78	8.97	7.95	2.9	2.968	100.0
398	3/16/2013 16:46:33	11.08	48.96	31.86	8.75	7.93	2.9	2.974	97.3
399	3/16/2013 17:01:33	11.10	48.94	31.84	8.82	7.93	3.2	2.942	98.1
400	3/16/2013 17:16:33	11.12	48.87	31.79	8.80	7.93	3.4	2.916	97.9
401	3/16/2013 17:31:33	11.39	48.71	31.69	8.98	7.96	3.7	2.861	100.4
402	3/16/2013 17:46:34	11.99	48.44	31.53	9.77	8.05	3.9	2.803	110.5
403	3/16/2013 18:01:33	11.95	48.40	31.50	10.03	8.05	4.0	2.738	113.3
404	3/16/2013 18:16:33	11.81	48.40	31.49	9.81	8.04	5.3	2.649	110.5
405	3/16/2013 18:31:33	11.78	48.41	31.49	9.87	8.04	4.1	2.590	111.2
406	3/16/2013 18:46:34	11.83	48.33	31.43	9.79	8.04	4.0	2.518	110.2
407	3/16/2013 19:01:34	11.99	48.08	31.26	9.92	8.06	4.0	2.441	112.0
408	3/16/2013 19:16:33	12.28	47.45	30.82	10.00	8.08	4.1	2.377	113.3
409	3/16/2013 19:31:33	12.15	47.73	31.02	10.19	8.09	3.9	2.313	115.2
410	3/16/2013 19:46:33	12.43	47.15	30.61	10.09	8.10	3.9	2.262	114.6
411	3/16/2013 20:01:33	12.49	47.10	30.58	10.12	8.10	3.8	2.196	115.0
412	3/16/2013 20:16:33	12.56	47.06	30.55	10.18	8.12	3.7	2.158	115.9
413	3/16/2013 20:31:33	12.55	47.08	30.57	10.15	8.12	3.7	2.136	115.4
414	3/16/2013 20:46:33	12.59	47.00	30.51	10.16	8.12	3.6	2.103	115.6
415	3/16/2013 21:01:33	12.40	47.26	30.69	9.58	8.07	2.5	2.087	108.8
416	3/16/2013 21:16:33	12.40	47.26	30.69	9.60	8.08	2.8	2.077	108.9
417	3/16/2013 21:31:33	12.46	47.09	30.57	9.99	8.09	3.6	2.100	113.5
418	3/16/2013 21:46:33	12.42	47.12	30.59	9.94	8.09	3.2	2.091	112.8
419	3/16/2013 22:01:33	12.52	47.03	30.53	10.03	8.10	3.3	2.115	114.0
420	3/16/2013 22:16:33	12.36	47.25	30.68	9.83	8.07	3.2	2.153	111.5
421	3/16/2013 22:31:33	12.29	47.34	30.74	9.76	8.06	3.2	2.190	110.6
422	3/16/2013 22:46:33	12.34	47.26	30.69	9.82	8.06	3.4	2.230	111.2
423	3/16/2013 23:01:33	12.31	47.30	30.72	9.83	8.07	3.6	2.292	111.4
424	3/16/2013 23:16:33	12.42	47.12	30.59	9.92	8.08	3.6	2.339	112.5
425	3/16/2013 23:31:33	12.16	47.60	30.92	9.67	8.04	3.3	2.397	109.3
426	3/16/2013 23:46:33	12.06	47.81	31.07	9.54	8.03	3.7	2.471	107.8
427	3/17/2013 0:01:33	11.95	48.00	31.21	9.46	8.01	3.7	2.531	106.7
428	3/17/2013 0:16:33	11.98	47.94	31.16	9.50	8.02	3.5	2.596	107.1
429	3/17/2013 0:31:33	11.73	48.29	31.40	9.28	7.99	3.2	2.667	104.3
430	3/17/2013 0:46:33	11.57	48.49	31.54	9.18	7.98	3.1	2.733	102.9
431	3/17/2013 1:01:34	11.37	48.76	31.73	9.10	7.97	4.1	2.796	101.8
432	3/17/2013 1:16:33	11.08	49.19	32.02	8.89	7.93	3.4	2.866	99.0
433	3/17/2013 1:31:33	11.02	49.28	32.08	8.89	7.93	3.6	2.930	98.8
434	3/17/2013 1:46:34	10.85	49.51	32.24	8.80	7.92	3.7	3.000	97.6
435	3/17/2013 2:01:34	10.81	49.57	32.28	8.77	7.92	3.6	3.061	97.2
436	3/17/2013 2:16:33	10.72	49.66	32.34	8.74	7.91	3.5	3.128	96.7
437	3/17/2013 2:31:33	10.65	49.77	32.41	8.71	7.91	3.4	3.180	96.3
438	3/17/2013 2:46:33	10.55	49.89	32.49	8.65	7.90	3.2	3.227	95.5
439	3/17/2013 3:01:33	10.52	49.92	32.51	8.64	7.90	3.4	3.284	95.2

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
440	3/17/2013 3:16:33	10.48	49.95	32.54	8.61	7.90	3.3	3.318	94.9
441	3/17/2013 3:31:34	10.45	50.00	32.57	8.58	7.90	2.9	3.346	94.5
442	3/17/2013 3:46:34	10.41	50.06	32.61	8.44	7.89	2.9	3.374	92.9
443	3/17/2013 4:01:34	10.44	50.02	32.59	8.48	7.89	3.3	3.370	93.4
444	3/17/2013 4:16:34	10.38	50.10	32.64	8.45	7.89	2.7	3.353	93.0
445	3/17/2013 4:31:34	10.43	50.05	32.61	8.52	7.90	4.1	3.322	93.8
446	3/17/2013 4:46:33	10.64	49.68	32.35	8.64	7.91	4.1	3.272	95.4
447	3/17/2013 5:01:33	10.66	49.49	32.21	8.66	7.91	4.8	3.209	95.6
448	3/17/2013 5:16:34	10.56	49.65	32.32	8.64	7.91	5.1	3.129	95.3
449	3/17/2013 5:31:34	10.47	49.75	32.39	8.64	7.91	5.4	3.053	95.1
450	3/17/2013 5:46:34	10.56	49.57	32.26	8.69	7.92	5.4	2.964	95.8
451	3/17/2013 6:01:34	10.60	49.43	32.17	8.71	7.92	5.6	2.882	96.0
452	3/17/2013 6:16:33	10.75	49.16	31.98	8.73	7.93	5.6	2.801	96.5
453	3/17/2013 6:31:34	10.73	49.12	31.95	8.71	7.93	6.7	2.700	96.1
454	3/17/2013 6:46:34	11.17	48.48	31.52	8.86	7.97	6.7	2.621	98.5
455	3/17/2013 7:01:34	10.95	48.66	31.63	8.93	7.96	7.8	2.514	98.8
456	3/17/2013 7:16:33	11.39	48.03	31.20	9.01	8.00	8.0	2.415	100.4
457	3/17/2013 7:31:33	11.40	47.98	31.16	9.06	8.01	6.1	2.339	101.0
458	3/17/2013 7:46:33	11.29	48.01	31.18	9.05	8.01	6.9	2.208	100.6
459	3/17/2013 8:01:33	11.62	47.55	30.87	9.18	8.05	8.7	2.118	102.6
460	3/17/2013 8:16:33	11.63	47.49	30.82	9.19	8.05	7.7	2.035	102.7
461	3/17/2013 8:31:33	11.69	47.35	30.73	9.22	8.06	7.0	1.918	103.1
462	3/17/2013 8:46:34	11.82	47.21	30.63	9.29	8.08	6.8	1.829	104.1
463	3/17/2013 9:01:33	11.89	47.11	30.56	9.32	8.09	5.7	1.736	104.6
464	3/17/2013 9:16:33	11.99	47.01	30.49	9.34	8.10	5.4	1.678	104.9
465	3/17/2013 9:31:33	12.02	46.98	30.47	9.37	8.11	4.9	1.609	105.3
466	3/17/2013 9:46:33	12.12	46.86	30.39	9.37	8.11	4.6	1.544	105.5
467	3/17/2013 10:01:33	12.18	46.76	30.32	9.32	8.12	4.3	1.512	105.0
468	3/17/2013 10:16:33	12.23	46.71	30.29	9.34	8.13	4.5	1.506	105.4
469	3/17/2013 10:31:33	12.19	46.82	30.36	9.38	8.12	4.4	1.513	105.7
470	3/17/2013 10:46:33	12.17	46.88	30.41	9.38	8.11	3.9	1.500	105.7
471	3/17/2013 11:01:33	12.15	46.90	30.42	9.34	8.10	4.0	1.547	105.2
472	3/17/2013 11:16:33	12.18	46.89	30.41	9.32	8.10	4.1	1.593	105.0
473	3/17/2013 11:31:33	12.22	46.92	30.44	9.32	8.10	4.2	1.633	105.2
474	3/17/2013 11:46:33	12.23	46.93	30.45	9.30	8.10	4.3	1.683	105.0
475	3/17/2013 12:01:33	12.18	46.96	30.46	9.28	8.09	4.0	1.731	104.7
476	3/17/2013 12:16:34	12.35	46.68	30.27	9.30	8.09	4.7	1.786	105.2
477	3/17/2013 12:31:33	12.36	46.69	30.28	9.30	8.09	4.4	1.847	105.2
478	3/17/2013 12:46:33	12.27	46.78	30.34	9.26	8.08	4.3	1.896	104.6
479	3/17/2013 13:01:33	12.17	46.88	30.41	9.13	8.07	3.8	1.952	102.9
480	3/17/2013 13:16:33	12.07	47.00	30.49	9.10	8.06	4.1	2.023	102.5
481	3/17/2013 13:31:33	11.79	47.51	30.84	8.98	8.02	4.0	2.082	100.7
482	3/17/2013 13:46:34	11.72	47.71	30.99	8.96	8.01	3.7	2.147	100.4
483	3/17/2013 14:01:33	11.60	47.97	31.17	8.93	7.99	3.7	2.209	100.0
484	3/17/2013 14:16:33	11.60	47.99	31.18	8.96	7.99	3.9	2.285	100.3
485	3/17/2013 14:31:34	11.53	48.15	31.29	8.96	7.99	3.4	2.345	100.2
486	3/17/2013 14:46:34	11.47	48.25	31.36	8.93	7.98	3.2	2.413	99.7
487	3/17/2013 15:01:34	11.45	48.31	31.40	8.93	7.98	3.1	2.471	99.8
488	3/17/2013 15:16:33	11.49	48.29	31.39	8.94	7.98	3.0	2.523	100.0
489	3/17/2013 15:31:33	11.44	48.37	31.44	8.90	7.97	3.3	2.587	99.4
490	3/17/2013 15:46:33	11.41	48.44	31.50	8.91	7.97	3.1	2.626	99.5
491	3/17/2013 16:01:34	11.43	48.46	31.51	8.89	7.97	3.2	2.678	99.4
492	3/17/2013 16:16:34	11.43	48.53	31.56	8.87	7.97	3.0	2.717	99.1
493	3/17/2013 16:31:33	11.45	48.55	31.58	8.90	7.97	3.1	2.750	99.6
494	3/17/2013 16:46:33	11.40	48.63	31.63	8.87	7.96	2.9	2.782	99.1

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
495	3/17/2013 17:01:34	11.40	48.63	31.63	8.82	7.96	2.8	2.798	98.5
496	3/17/2013 17:16:33	11.43	48.64	31.64	8.71	7.96	2.6	2.799	97.5
497	3/17/2013 17:31:34	11.34	48.70	31.68	8.63	7.95	2.5	2.806	96.4
498	3/17/2013 17:46:33	11.34	48.68	31.66	8.72	7.95	2.6	2.792	97.3
499	3/17/2013 18:01:33	11.46	48.57	31.59	8.84	7.97	3.9	2.766	98.9
500	3/17/2013 18:16:34	11.62	48.39	31.47	9.05	8.00	4.8	2.726	101.6
501	3/17/2013 18:31:34	11.67	48.29	31.40	9.12	8.01	6.4	2.701	102.3
502	3/17/2013 18:46:34	11.68	48.22	31.35	9.29	8.03	8.9	2.647	104.3
503	3/17/2013 19:01:33	11.73	48.12	31.28	9.39	8.04	12.4	2.594	105.5
504	3/17/2013 19:16:33	11.63	48.20	31.33	9.45	8.05	10.9	2.546	106.0
505	3/17/2013 19:31:34	11.60	48.23	31.35	9.28	8.06	12.6	2.480	104.0
506	3/17/2013 19:46:34	11.82	47.82	31.06	9.24	8.05	14.5	2.441	103.8
507	3/17/2013 20:01:34	11.88	47.62	30.93	9.23	8.06	16.5	2.384	103.8
508	3/17/2013 20:16:34	11.89	47.49	30.84	9.19	8.07	18.8	2.329	103.2
509	3/17/2013 20:31:33	11.80	47.51	30.85	9.18	8.07	17.3	2.283	103.0
510	3/17/2013 20:46:34	11.78	47.53	30.85	9.18	8.08	15.2	2.249	102.9
511	3/17/2013 21:01:33	12.05	47.20	30.63	9.21	8.09	15.6	2.205	103.7
512	3/17/2013 21:16:33	11.99	47.25	30.67	9.13	8.08	15.1	2.189	102.7
513	3/17/2013 21:31:33	11.99	47.24	30.65	9.17	8.08	13.0	2.179	103.1
514	3/17/2013 21:46:33	11.85	47.45	30.81	8.88	8.06	8.3	2.154	99.6
515	3/17/2013 22:01:34	11.86	47.47	30.82	8.77	8.05	7.9	2.164	98.5
516	3/17/2013 22:16:33	11.92	47.34	30.72	9.05	8.07	10.3	2.178	101.7
517	3/17/2013 22:31:33	12.03	47.25	30.66	9.06	8.07	10.6	2.176	102.0
518	3/17/2013 22:46:33	12.01	47.23	30.65	9.08	8.07	10.3	2.206	102.2
519	3/17/2013 23:01:33	11.95	47.31	30.71	9.00	8.06	9.0	2.233	101.2
520	3/17/2013 23:16:34	11.86	47.50	30.84	8.92	8.04	8.2	2.267	100.1
521	3/17/2013 23:31:34	11.84	47.53	30.86	8.98	8.04	9.0	2.302	100.8
522	3/17/2013 23:46:34	11.84	47.53	30.86	8.92	8.04	8.2	2.339	100.2
523	3/18/2013 0:01:34	11.84	47.35	30.73	9.03	8.05	9.7	2.395	101.3
524	3/18/2013 0:16:34	11.94	47.17	30.61	9.10	8.07	8.6	2.435	102.3
525	3/18/2013 0:31:34	11.93	47.37	30.75	9.02	8.05	7.2	2.482	101.3
526	3/18/2013 0:46:34	11.84	47.66	30.95	9.00	8.03	9.0	2.538	101.1
527	3/18/2013 1:01:33	11.76	47.85	31.09	9.00	8.02	8.7	2.591	101.0
528	3/18/2013 1:16:34	11.63	48.09	31.25	8.92	8.00	7.0	2.646	99.9
529	3/18/2013 1:31:34	11.42	48.37	31.45	8.85	7.99	5.3	2.701	98.8
530	3/18/2013 1:46:33	11.21	48.77	31.72	8.79	7.97	3.9	2.763	97.9
531	3/18/2013 2:01:34	11.17	48.70	31.67	8.78	7.97	4.3	2.822	97.7
532	3/18/2013 2:16:33	11.11	48.66	31.64	8.85	7.98	4.5	2.880	98.4
533	3/18/2013 2:31:34	11.04	48.67	31.65	8.94	7.98	5.1	2.929	99.2
534	3/18/2013 2:46:33	11.00	48.74	31.69	8.94	7.97	4.2	2.993	99.1
535	3/18/2013 3:01:34	10.83	49.03	31.89	8.86	7.96	3.8	3.047	98.0
536	3/18/2013 3:16:33	10.70	49.28	32.07	8.80	7.94	3.7	3.097	97.1
537	3/18/2013 3:31:34	10.58	49.51	32.23	8.67	7.93	3.1	3.140	95.6
538	3/18/2013 3:46:34	10.52	49.65	32.32	8.58	7.92	2.9	3.178	94.5
539	3/18/2013 4:01:34	10.46	49.66	32.32	8.55	7.92	2.9	3.214	94.0
540	3/18/2013 4:16:34	10.45	49.75	32.39	8.39	7.92	2.9	3.232	92.4
541	3/18/2013 4:31:34	10.50	49.83	32.45	8.31	7.91	2.7	3.232	91.5
542	3/18/2013 4:46:34	10.47	50.01	32.58	8.22	7.90	2.6	3.228	90.6
543	3/18/2013 5:01:34	10.35	50.21	32.72	8.34	7.89	3.5	3.219	91.7
544	3/18/2013 5:16:34	10.36	50.12	32.65	8.42	7.90	3.9	3.183	92.6
545	3/18/2013 5:31:34	10.54	49.80	32.43	8.46	7.91	4.5	3.127	93.3
546	3/18/2013 5:46:34	10.69	49.44	32.18	8.51	7.93	4.6	3.081	94.0
547	3/18/2013 6:01:33	10.82	49.15	31.98	8.58	7.95	4.7	3.022	94.9
548	3/18/2013 6:16:33	10.82	49.06	31.91	8.58	7.95	5.2	2.952	94.9
549	3/18/2013 6:31:33	10.82	48.64	31.61	8.63	7.97	5.9	2.879	95.2

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
550	3/18/2013 6:46:33	10.81	48.64	31.61	8.65	7.97	5.4	2.812	95.4
551	3/18/2013 7:01:33	10.84	48.63	31.60	8.65	7.97	6.8	2.736	95.5
552	3/18/2013 7:16:34	10.80	48.58	31.56	8.65	7.97	5.9	2.659	95.4
553	3/18/2013 7:31:34	10.78	48.55	31.54	8.60	7.97	5.8	2.586	94.8
554	3/18/2013 7:46:34	10.69	48.64	31.60	8.58	7.96	5.8	2.502	94.4
555	3/18/2013 8:01:34	11.04	48.01	31.17	8.61	8.00	7.5	2.403	95.2
556	3/18/2013 8:16:34	11.09	47.83	31.04	8.63	8.02	7.6	2.327	95.4
557	3/18/2013 8:31:34	11.05	47.74	30.97	8.65	8.03	8.4	2.227	95.6
558	3/18/2013 8:46:34	10.93	47.87	31.06	8.75	8.04	7.5	2.119	96.5
559	3/18/2013 9:01:33	11.07	47.78	31.00	8.88	8.06	6.9	2.049	98.1
560	3/18/2013 9:16:34	11.18	47.65	30.92	8.97	8.08	6.6	1.948	99.4
561	3/18/2013 9:31:34	11.26	47.48	30.79	9.04	8.11	6.4	1.869	100.2
562	3/18/2013 9:46:33	11.33	47.34	30.70	9.06	8.12	6.4	1.793	100.5
563	3/18/2013 10:01:34	11.38	47.29	30.66	9.07	8.13	6.3	1.723	100.7
564	3/18/2013 10:16:33	11.44	47.19	30.60	9.02	8.13	6.1	1.667	100.2
565	3/18/2013 10:31:34	11.49	47.14	30.56	9.03	8.14	5.8	1.614	100.4
566	3/18/2013 10:46:33	11.56	47.05	30.50	9.03	8.15	5.7	1.595	100.6
567	3/18/2013 11:01:33	11.66	47.00	30.47	8.99	8.16	5.1	1.568	100.2
568	3/18/2013 11:16:34	11.69	47.05	30.50	8.90	8.16	4.8	1.545	99.4
569	3/18/2013 11:31:33	11.67	47.06	30.51	8.94	8.14	5.5	1.573	99.8
570	3/18/2013 11:46:33	11.56	47.19	30.60	9.02	8.13	5.1	1.584	100.5
571	3/18/2013 12:01:34	11.56	47.19	30.60	8.99	8.13	4.8	1.597	100.2
572	3/18/2013 12:16:34	11.54	47.23	30.63	8.94	8.12	4.7	1.621	99.6
573	3/18/2013 12:31:34	11.52	47.23	30.63	8.95	8.12	4.9	1.668	99.7
574	3/18/2013 12:46:34	11.50	47.27	30.65	8.91	8.11	5.0	1.721	99.1
575	3/18/2013 13:01:34	11.66	46.92	30.41	8.85	8.11	5.0	1.729	98.7
576	3/18/2013 13:16:34	11.57	47.16	30.58	8.79	8.11	4.5	1.787	97.9
577	3/18/2013 13:31:34	11.53	47.23	30.63	8.80	8.10	4.7	1.849	98.0
578	3/18/2013 13:46:34	11.51	47.22	30.62	8.77	8.09	5.1	1.895	97.7
579	3/18/2013 14:01:34	11.48	47.29	30.67	8.71	8.08	4.6	1.949	96.9
580	3/18/2013 14:16:33	11.45	47.17	30.58	8.68	8.07	4.7	1.994	96.5
581	3/18/2013 14:31:33	11.23	47.57	30.86	8.59	8.04	4.8	2.071	95.2
582	3/18/2013 14:46:33	11.17	47.81	31.03	8.57	8.01	4.7	2.126	95.0
583	3/18/2013 15:01:33	11.20	47.86	31.06	8.69	8.01	4.8	2.181	96.4
584	3/18/2013 15:16:33	11.21	47.95	31.13	8.74	8.01	4.5	2.235	97.0
585	3/18/2013 15:31:33	11.17	48.22	31.32	8.75	8.00	4.1	2.309	97.1
586	3/18/2013 15:46:34	11.22	48.30	31.38	8.77	8.00	3.9	2.368	97.4
587	3/18/2013 16:01:34	11.21	48.37	31.44	8.70	7.99	3.8	2.408	96.7
588	3/18/2013 16:16:34	11.29	48.34	31.42	8.75	8.00	3.6	2.467	97.4
589	3/18/2013 16:31:34	11.22	48.48	31.51	8.72	7.99	3.5	2.523	97.0
590	3/18/2013 16:46:34	11.13	48.57	31.57	8.73	7.99	3.4	2.553	97.0
591	3/18/2013 17:01:33	11.02	48.71	31.67	8.66	7.97	3.2	2.601	96.0
592	3/18/2013 17:16:34	11.00	48.76	31.71	8.61	7.97	3.1	2.633	95.5
593	3/18/2013 17:31:33	10.98	48.79	31.73	8.55	7.96	2.9	2.665	94.8
594	3/18/2013 17:46:33	10.99	48.82	31.75	8.56	7.96	3.2	2.695	94.9
595	3/18/2013 18:01:34	11.01	48.83	31.76	8.57	7.97	3.2	2.695	95.0
596	3/18/2013 18:16:34	10.96	48.84	31.76	8.37	7.96	2.6	2.722	92.8
597	3/18/2013 18:31:33	10.89	48.93	31.82	8.39	7.94	2.8	2.724	92.9
598	3/18/2013 18:46:33	10.89	48.94	31.83	8.44	7.95	3.1	2.711	93.4
599	3/18/2013 19:01:34	10.90	48.94	31.83	8.51	7.95	3.2	2.705	94.2
600	3/18/2013 19:16:33	10.99	48.79	31.73	8.53	7.96	3.9	2.679	94.5
601	3/18/2013 19:31:34	11.12	48.63	31.62	8.65	7.98	3.6	2.651	96.1
602	3/18/2013 19:46:34	11.21	48.53	31.55	8.76	7.99	4.0	2.613	97.5
603	3/18/2013 20:01:34	11.75	48.01	31.21	9.05	8.07	3.9	2.589	101.6
604	3/18/2013 20:16:34	11.61	48.15	31.30	9.12	8.05	4.2	2.533	102.1

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
605	3/18/2013 20:31:34	11.63	48.09	31.26	9.06	8.05	4.0	2.488	101.5
606	3/18/2013 20:46:33	11.68	48.09	31.25	9.15	8.06	4.2	2.465	102.7
607	3/18/2013 21:01:33	11.55	48.16	31.30	9.01	8.04	3.7	2.408	100.8
608	3/18/2013 21:16:34	11.70	48.01	31.20	9.07	8.08	3.9	2.378	101.7
609	3/18/2013 21:31:34	11.87	47.94	31.16	9.13	8.09	4.2	2.350	102.8
610	3/18/2013 21:46:34	11.94	47.82	31.07	9.20	8.11	4.0	2.318	103.6
611	3/18/2013 22:01:33	11.83	47.62	30.93	9.21	8.08	4.6	2.305	103.4
612	3/18/2013 22:16:34	11.51	48.11	31.26	8.53	8.02	3.2	2.285	95.4
613	3/18/2013 22:31:34	11.63	48.03	31.21	8.80	8.05	3.5	2.277	98.6
614	3/18/2013 22:46:34	11.80	47.93	31.14	8.97	8.07	3.9	2.276	100.8
615	3/18/2013 23:01:34	11.69	47.93	31.14	8.99	8.06	3.6	2.286	100.8
616	3/18/2013 23:16:34	11.70	47.74	31.00	8.95	8.07	3.9	2.284	100.3
617	3/18/2013 23:31:34	11.50	48.08	31.24	8.78	8.03	3.4	2.300	98.1
618	3/18/2013 23:46:34	11.59	47.84	31.07	8.86	8.04	3.7	2.324	99.0
619	3/19/2013 0:01:33	11.55	47.92	31.13	8.90	8.04	3.6	2.345	99.5
620	3/19/2013 0:16:34	11.47	48.09	31.24	8.72	8.02	3.1	2.367	97.4
621	3/19/2013 0:31:34	11.45	48.13	31.28	8.78	8.02	3.4	2.396	98.1
622	3/19/2013 0:46:34	11.46	47.98	31.17	8.79	8.03	3.4	2.421	98.1
623	3/19/2013 1:01:34	11.30	48.36	31.43	8.64	7.99	3.1	2.468	96.3
624	3/19/2013 1:16:34	11.20	48.56	31.57	8.65	7.98	3.2	2.492	96.3
625	3/19/2013 1:31:34	11.11	48.74	31.70	8.66	7.97	3.4	2.531	96.2
626	3/19/2013 1:46:34	11.09	48.78	31.73	8.61	7.97	3.4	2.582	95.6
627	3/19/2013 2:01:34	11.17	48.63	31.62	8.76	7.99	3.7	2.615	97.4
628	3/19/2013 2:16:33	11.12	48.62	31.61	8.69	7.98	3.4	2.669	96.6
629	3/19/2013 2:31:34	11.06	48.78	31.73	8.68	7.97	3.6	2.718	96.4
630	3/19/2013 2:46:33	10.98	48.89	31.80	8.64	7.96	3.6	2.769	95.8
631	3/19/2013 3:01:33	10.87	49.09	31.94	8.63	7.95	3.6	2.811	95.5
632	3/19/2013 3:16:33	10.82	49.01	31.88	8.71	7.96	3.6	2.862	96.2
633	3/19/2013 3:31:33	10.75	49.05	31.90	8.73	7.96	3.4	2.911	96.3
634	3/19/2013 3:46:33	10.71	49.10	31.93	8.69	7.95	3.3	2.953	95.9
635	3/19/2013 4:01:34	10.62	49.38	32.13	8.63	7.94	3.2	3.001	95.1
636	3/19/2013 4:16:34	10.59	49.43	32.16	8.59	7.94	2.9	3.045	94.7
637	3/19/2013 4:31:34	10.38	49.95	32.53	8.42	7.91	2.3	3.076	92.6
638	3/19/2013 4:46:34	10.29	50.13	32.66	8.30	7.90	2.5	3.121	91.2
639	3/19/2013 5:01:34	10.24	50.21	32.71	8.24	7.89	2.5	3.146	90.4
640	3/19/2013 5:16:34	10.23	50.23	32.72	8.10	7.89	2.3	3.161	88.9
641	3/19/2013 5:31:34	10.19	50.36	32.81	8.13	7.88	2.6	3.174	89.2
642	3/19/2013 5:46:34	10.24	50.31	32.78	8.22	7.89	2.7	3.157	90.2
643	3/19/2013 6:01:34	10.24	50.27	32.75	8.29	7.89	3.5	3.135	91.0
644	3/19/2013 6:16:34	10.40	50.02	32.58	8.32	7.91	3.1	3.101	91.5
645	3/19/2013 6:31:34	10.49	49.78	32.41	8.39	7.92	3.6	3.056	92.4
646	3/19/2013 6:46:34	10.59	49.48	32.20	8.34	7.93	3.9	3.007	92.0
647	3/19/2013 7:01:34	10.59	49.43	32.17	8.37	7.93	3.8	2.944	92.3
648	3/19/2013 7:16:34	10.65	49.32	32.09	8.43	7.94	3.9	2.878	93.0
649	3/19/2013 7:31:33	10.80	48.93	31.82	8.44	7.95	3.9	2.826	93.2
650	3/19/2013 7:46:34	10.79	48.87	31.78	8.49	7.96	4.0	2.755	93.7
651	3/19/2013 8:01:34	10.76	48.88	31.78	8.44	7.96	4.3	2.679	93.2
652	3/19/2013 8:16:34	10.78	48.80	31.72	8.48	7.96	4.4	2.615	93.5
653	3/19/2013 8:31:34	10.90	48.55	31.55	8.55	7.98	4.2	2.553	94.5
654	3/19/2013 8:46:34	10.82	48.65	31.61	8.66	7.99	4.5	2.464	95.6
655	3/19/2013 9:01:33	10.99	48.31	31.38	8.69	8.00	4.3	2.406	96.1
656	3/19/2013 9:16:34	11.07	48.17	31.28	8.78	8.02	4.7	2.318	97.2
657	3/19/2013 9:31:34	11.08	48.25	31.34	8.94	8.04	4.2	2.239	99.0
658	3/19/2013 9:46:34	11.16	48.11	31.24	9.04	8.05	4.7	2.164	100.2
659	3/19/2013 10:01:34	11.26	47.95	31.13	9.08	8.07	4.1	2.082	100.8

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
660	3/19/2013 10:16:34	11.39	47.76	31.00	9.21	8.09	3.9	1.998	102.5
661	3/19/2013 10:31:34	11.47	47.66	30.94	9.34	8.11	4.0	1.919	104.0
662	3/19/2013 10:46:34	11.56	47.54	30.85	9.44	8.13	3.9	1.851	105.3
663	3/19/2013 11:01:34	11.62	47.48	30.81	9.52	8.14	3.9	1.785	106.3
664	3/19/2013 11:16:34	11.63	47.46	30.80	9.56	8.14	3.9	1.735	106.8
665	3/19/2013 11:31:34	11.61	47.48	30.81	9.38	8.13	3.6	1.681	104.7
666	3/19/2013 11:46:34	11.64	47.47	30.81	9.41	8.14	3.9	1.658	105.2
667	3/19/2013 12:01:34	11.57	47.55	30.86	9.08	8.11	3.1	1.644	101.4
668	3/19/2013 12:16:34	11.49	47.61	30.90	8.82	8.08	2.9	1.616	98.4
669	3/19/2013 12:31:34	11.46	47.67	30.94	8.93	8.08	3.1	1.638	99.5
670	3/19/2013 12:46:34	11.45	47.68	30.95	8.91	8.07	3.2	1.648	99.3
671	3/19/2013 13:01:34	11.57	47.54	30.85	9.16	8.11	3.1	1.654	102.2
672	3/19/2013 13:16:33	11.53	47.56	30.87	9.12	8.09	3.2	1.685	101.8
673	3/19/2013 13:31:34	11.50	47.60	30.89	9.03	8.09	3.2	1.716	100.7
674	3/19/2013 13:46:34	11.61	47.24	30.64	9.13	8.10	3.5	1.741	101.9
675	3/19/2013 14:01:34	11.48	47.60	30.89	8.96	8.08	3.1	1.793	99.9
676	3/19/2013 14:16:34	11.46	47.60	30.89	8.93	8.08	3.1	1.828	99.4
677	3/19/2013 14:31:34	11.45	47.43	30.77	8.89	8.07	3.2	1.856	99.0
678	3/19/2013 14:46:34	11.43	47.28	30.66	8.86	8.07	3.6	1.914	98.4
679	3/19/2013 15:01:34	11.38	47.45	30.78	8.76	8.06	3.4	1.967	97.3
680	3/19/2013 15:16:34	11.24	47.58	30.87	8.64	8.03	3.6	2.011	95.7
681	3/19/2013 15:31:34	11.22	47.59	30.87	8.66	8.03	3.8	2.079	96.0
682	3/19/2013 15:46:34	11.19	47.69	30.94	8.73	8.02	4.3	2.135	96.7
683	3/19/2013 16:01:33	11.11	48.00	31.16	8.66	8.01	4.0	2.198	95.9
684	3/19/2013 16:16:34	11.04	48.28	31.36	8.62	7.99	3.6	2.251	95.4
685	3/19/2013 16:31:34	11.00	48.39	31.44	8.68	7.99	3.5	2.313	96.1
686	3/19/2013 16:46:34	10.92	48.63	31.61	8.60	7.98	3.5	2.372	95.2
687	3/19/2013 17:01:33	10.88	48.77	31.71	8.56	7.97	3.2	2.412	94.7
688	3/19/2013 17:16:33	10.86	48.83	31.75	8.57	7.96	3.1	2.464	94.7
689	3/19/2013 17:31:33	10.80	48.95	31.83	8.52	7.96	3.2	2.518	94.1
690	3/19/2013 17:46:33	10.72	49.04	31.89	8.46	7.95	3.0	2.556	93.3
691	3/19/2013 18:01:34	10.70	49.13	31.95	8.45	7.95	2.9	2.593	93.3
692	3/19/2013 18:16:34	10.68	49.17	31.99	8.46	7.95	3.0	2.647	93.3
693	3/19/2013 18:31:34	10.62	49.31	32.08	8.41	7.94	3.1	2.682	92.7
694	3/19/2013 18:46:34	10.62	49.31	32.08	8.37	7.94	2.7	2.688	92.2
695	3/19/2013 19:01:34	10.60	49.37	32.12	8.28	7.93	2.6	2.729	91.2
696	3/19/2013 19:16:34	10.57	49.43	32.16	8.36	7.93	2.7	2.759	92.1
697	3/19/2013 19:31:34	10.56	49.43	32.16	8.10	7.92	2.3	2.746	89.2
698	3/19/2013 19:46:34	10.55	49.45	32.18	8.12	7.92	2.3	2.761	89.4
699	3/19/2013 20:01:34	10.55	49.47	32.19	8.14	7.92	2.6	2.768	89.7
700	3/19/2013 20:16:34	10.56	49.44	32.17	8.14	7.92	2.5	2.747	89.6
701	3/19/2013 20:31:34	10.55	49.34	32.10	8.36	7.93	3.5	2.741	92.1
702	3/19/2013 20:46:34	10.56	49.27	32.05	8.39	7.94	3.5	2.699	92.3
703	3/19/2013 21:01:34	10.62	49.12	31.94	8.50	7.95	4.4	2.674	93.6
704	3/19/2013 21:16:34	10.68	48.90	31.79	8.53	7.96	5.1	2.643	93.9
705	3/19/2013 21:31:34	10.75	48.74	31.68	8.53	7.97	5.1	2.608	94.1
706	3/19/2013 21:46:34	10.68	49.07	31.92	8.24	7.94	3.2	2.586	90.8
707	3/19/2013 22:01:34	10.73	48.99	31.86	8.26	7.95	3.1	2.544	91.1
708	3/19/2013 22:16:34	10.77	48.93	31.81	8.34	7.95	3.4	2.517	92.1
709	3/19/2013 22:31:34	10.80	48.80	31.72	8.40	7.96	2.9	2.502	92.7
710	3/19/2013 22:46:34	10.83	48.70	31.65	8.49	7.97	3.5	2.461	93.8
711	3/19/2013 23:01:33	10.85	48.65	31.62	8.49	7.97	3.4	2.453	93.8
712	3/19/2013 23:16:34	10.86	48.59	31.58	8.42	7.97	3.4	2.434	93.0
713	3/19/2013 23:31:34	10.84	48.66	31.62	8.29	7.96	3.1	2.403	91.6
714	3/19/2013 23:46:34	10.81	48.75	31.68	8.07	7.94	2.8	2.406	89.1

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
715	3/20/2013 0:01:34	10.86	48.59	31.57	8.11	7.95	3.2	2.400	89.5
716	3/20/2013 0:16:33	10.85	48.57	31.56	8.55	7.97	3.6	2.404	94.4
717	3/20/2013 0:31:33	10.84	48.52	31.52	8.53	7.97	3.8	2.389	94.1
718	3/20/2013 0:46:34	10.80	48.50	31.51	8.44	7.96	4.3	2.403	93.1
719	3/20/2013 1:01:34	10.69	49.05	31.89	8.33	7.94	4.1	2.438	91.9
720	3/20/2013 1:16:34	10.71	48.91	31.80	8.39	7.94	4.1	2.440	92.5
721	3/20/2013 1:31:34	10.69	48.95	31.82	8.34	7.94	3.4	2.461	91.9
722	3/20/2013 1:46:34	10.63	49.11	31.94	8.32	7.93	4.0	2.502	91.7
723	3/20/2013 2:01:34	10.58	49.25	32.04	8.33	7.93	3.7	2.531	91.7
724	3/20/2013 2:16:34	10.57	49.12	31.94	8.39	7.94	3.7	2.564	92.3
725	3/20/2013 2:31:34	10.58	49.04	31.89	8.49	7.94	4.2	2.600	93.3
726	3/20/2013 2:46:34	10.50	49.09	31.92	8.49	7.93	4.3	2.646	93.3
727	3/20/2013 3:01:34	10.55	49.07	31.90	8.56	7.94	5.0	2.685	94.1
728	3/20/2013 3:16:34	10.60	49.11	31.94	8.59	7.95	3.9	2.721	94.5
729	3/20/2013 3:31:34	10.62	49.08	31.91	8.59	7.95	3.9	2.776	94.5
730	3/20/2013 3:46:34	10.63	49.09	31.93	8.59	7.95	3.9	2.811	94.6
731	3/20/2013 4:01:34	10.60	49.16	31.97	8.56	7.95	3.6	2.861	94.3
732	3/20/2013 4:16:34	10.53	49.29	32.06	8.53	7.94	3.4	2.909	93.8
733	3/20/2013 4:31:34	10.44	49.46	32.18	8.50	7.93	3.2	2.948	93.4
734	3/20/2013 4:46:34	10.40	49.55	32.24	8.49	7.92	3.0	3.004	93.2
735	3/20/2013 5:01:34	10.32	49.72	32.36	8.40	7.91	2.9	3.043	92.1
736	3/20/2013 5:16:34	10.30	49.77	32.39	8.41	7.91	2.9	3.076	92.2
737	3/20/2013 5:31:34	10.23	49.89	32.47	8.32	7.91	2.6	3.115	91.2
738	3/20/2013 5:46:34	10.17	50.01	32.56	8.24	7.90	2.7	3.141	90.3
739	3/20/2013 6:01:34	10.13	50.06	32.59	8.10	7.89	2.3	3.156	88.6
740	3/20/2013 6:16:34	10.24	49.93	32.51	8.22	7.90	2.7	3.172	90.1
741	3/20/2013 6:31:34	10.15	50.05	32.59	8.15	7.89	2.9	3.169	89.2
742	3/20/2013 6:46:34	10.12	50.14	32.65	8.11	7.89	3.0	3.166	88.8
743	3/20/2013 7:01:34	10.10	50.14	32.65	8.21	7.89	3.2	3.151	89.8
744	3/20/2013 7:16:34	10.15	50.08	32.61	8.15	7.89	3.1	3.113	89.2
745	3/20/2013 7:31:34	10.34	49.71	32.35	8.19	7.91	3.2	3.095	89.9
746	3/20/2013 7:46:34	10.44	49.38	32.12	8.26	7.91	3.6	3.055	90.7
747	3/20/2013 8:01:34	10.40	49.49	32.20	8.28	7.91	3.7	2.992	90.9
748	3/20/2013 8:16:34	10.42	49.51	32.22	8.30	7.92	4.0	2.949	91.2
749	3/20/2013 8:31:34	10.47	49.37	32.12	8.34	7.92	3.8	2.902	91.6
750	3/20/2013 8:46:34	10.52	49.31	32.08	8.32	7.93	4.0	2.820	91.5
751	3/20/2013 9:01:34	10.58	49.18	31.99	8.31	7.93	3.7	2.772	91.4
752	3/20/2013 9:16:34	10.60	49.14	31.96	8.30	7.93	4.5	2.710	91.4
753	3/20/2013 9:31:34	10.65	49.07	31.91	8.35	7.94	4.0	2.629	92.0
754	3/20/2013 9:46:34	10.76	48.93	31.82	8.52	7.95	4.7	2.561	94.1
755	3/20/2013 10:01:34	10.77	48.91	31.80	8.57	7.95	4.5	2.484	94.6
756	3/20/2013 10:16:34	10.79	48.86	31.77	8.72	7.96	4.6	2.410	96.3
757	3/20/2013 10:31:34	10.82	48.61	31.59	8.54	7.95	5.4	2.322	94.2
758	3/20/2013 10:46:34	10.88	48.51	31.52	8.65	7.96	4.7	2.253	95.6
759	3/20/2013 11:01:34	10.93	48.52	31.53	8.70	7.97	4.7	2.179	96.2
760	3/20/2013 11:16:34	10.97	48.34	31.40	8.72	7.98	4.8	2.100	96.5
761	3/20/2013 11:31:34	11.03	48.24	31.33	8.95	7.99	4.8	2.026	99.1
762	3/20/2013 11:46:33	11.04	48.08	31.22	8.85	7.99	4.3	1.966	97.9
763	3/20/2013 12:01:33	11.07	48.02	31.18	8.81	8.00	4.3	1.908	97.5
764	3/20/2013 12:16:34	11.08	48.01	31.17	8.63	7.99	4.2	1.842	95.5
765	3/20/2013 12:31:34	11.10	47.96	31.14	8.70	8.00	4.3	1.789	96.4
766	3/20/2013 12:46:34	11.11	47.96	31.14	8.61	8.00	4.3	1.756	95.4
767	3/20/2013 13:01:34	11.13	47.94	31.12	8.59	8.00	4.3	1.707	95.2
768	3/20/2013 13:16:34	11.22	47.85	31.06	8.65	8.03	4.0	1.683	96.0
769	3/20/2013 13:31:34	11.31	47.82	31.04	9.12	8.04	4.7	1.678	101.3

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
770	3/20/2013 13:46:34	11.17	47.94	31.12	8.80	8.01	3.9	1.673	97.5
771	3/20/2013 14:01:34	11.22	47.88	31.08	8.79	8.01	4.0	1.678	97.5
772	3/20/2013 14:16:34	11.26	47.80	31.03	8.81	8.00	4.5	1.711	97.8
773	3/20/2013 14:31:34	11.28	47.77	31.01	8.77	8.01	4.3	1.739	97.4
774	3/20/2013 14:46:34	11.23	47.84	31.06	8.72	8.00	3.9	1.769	96.7
775	3/20/2013 15:01:34	11.16	47.94	31.12	8.64	7.99	3.9	1.813	95.8
776	3/20/2013 15:16:34	11.16	47.99	31.16	8.66	7.98	4.0	1.853	96.0
777	3/20/2013 15:31:34	11.22	47.80	31.03	8.63	7.98	3.8	1.908	95.8
778	3/20/2013 15:46:34	11.14	47.93	31.11	8.56	7.97	3.5	1.947	94.8
779	3/20/2013 16:01:33	11.14	47.92	31.11	8.54	7.97	3.6	2.000	94.6
780	3/20/2013 16:16:34	11.09	48.02	31.18	8.54	7.96	3.6	2.059	94.6
781	3/20/2013 16:31:34	11.06	48.08	31.22	8.49	7.96	3.6	2.103	93.9
782	3/20/2013 16:46:34	11.03	48.14	31.26	8.49	7.96	3.2	2.165	93.9
783	3/20/2013 17:01:34	11.00	48.14	31.26	8.43	7.95	3.4	2.215	93.2
784	3/20/2013 17:16:33	11.03	48.09	31.23	8.44	7.95	3.6	2.275	93.3
785	3/20/2013 17:31:34	10.98	48.23	31.32	8.46	7.95	3.6	2.338	93.5
786	3/20/2013 17:46:34	11.05	48.25	31.34	8.52	7.95	4.0	2.391	94.4
787	3/20/2013 18:01:34	11.02	48.32	31.39	8.54	7.95	3.9	2.440	94.5
788	3/20/2013 18:16:34	11.01	48.42	31.46	8.48	7.95	3.9	2.503	93.9
789	3/20/2013 18:31:34	10.90	48.61	31.59	8.46	7.95	3.7	2.553	93.5
790	3/20/2013 18:46:34	10.95	48.61	31.59	8.54	7.96	3.8	2.602	94.5
791	3/20/2013 19:01:34	10.89	48.67	31.64	8.55	7.96	3.7	2.652	94.5
792	3/20/2013 19:16:34	10.93	48.59	31.58	8.60	7.96	4.1	2.699	95.1
793	3/20/2013 19:31:34	10.86	48.72	31.67	8.53	7.96	3.9	2.736	94.2
794	3/20/2013 19:46:34	10.81	48.80	31.72	8.43	7.95	3.6	2.776	93.1
795	3/20/2013 20:01:34	10.77	48.83	31.74	8.37	7.94	3.1	2.799	92.4
796	3/20/2013 20:16:33	10.74	48.87	31.77	8.32	7.94	3.4	2.820	91.7
797	3/20/2013 20:31:34	10.73	48.92	31.80	8.17	7.94	3.0	2.840	90.1
798	3/20/2013 20:46:34	10.71	48.95	31.83	8.25	7.94	3.1	2.843	91.0
799	3/20/2013 21:01:34	10.66	49.07	31.91	8.12	7.92	3.2	2.843	89.5
800	3/20/2013 21:16:34	10.66	49.07	31.91	8.13	7.92	3.2	2.835	89.6
801	3/20/2013 21:31:34	10.69	49.02	31.88	8.24	7.93	4.2	2.809	90.8
802	3/20/2013 21:46:34	10.77	48.87	31.77	8.40	7.94	4.4	2.800	92.7
803	3/20/2013 22:01:34	10.82	48.76	31.69	8.43	7.95	4.0	2.776	93.1
804	3/20/2013 22:16:33	10.87	48.51	31.52	8.46	7.97	5.9	2.724	93.5
805	3/20/2013 22:31:34	10.85	48.47	31.49	8.49	7.98	6.3	2.694	93.7
806	3/20/2013 22:46:34	10.78	48.49	31.50	8.43	7.97	6.1	2.666	92.9
807	3/20/2013 23:01:34	10.75	48.50	31.50	8.48	7.97	6.2	2.610	93.3
808	3/20/2013 23:16:34	10.75	48.48	31.49	8.50	7.97	6.1	2.561	93.6
809	3/20/2013 23:31:34	10.74	48.42	31.44	8.52	7.98	6.0	2.519	93.8
810	3/20/2013 23:46:34	10.75	48.35	31.40	8.48	7.98	5.6	2.497	93.4
811	3/21/2013 0:01:34	10.63	48.29	31.35	8.41	7.96	5.7	2.449	92.3
812	3/21/2013 0:16:34	10.73	48.07	31.19	8.43	7.95	5.3	2.422	92.6
813	3/21/2013 0:31:34	10.49	48.24	31.30	8.33	7.95	5.5	2.397	91.2
814	3/21/2013 0:46:34	10.68	48.03	31.16	8.35	7.95	4.9	2.376	91.7
815	3/21/2013 1:01:34	10.62	48.03	31.16	8.35	7.95	4.7	2.358	91.5
816	3/21/2013 1:16:34	10.66	47.99	31.13	8.34	7.95	4.7	2.339	91.4
817	3/21/2013 1:31:34	10.78	48.11	31.22	8.15	7.95	3.9	2.356	89.6
818	3/21/2013 1:46:34	10.76	48.14	31.24	8.16	7.95	3.7	2.349	89.8
819	3/21/2013 2:01:34	10.86	48.21	31.30	8.34	7.95	3.7	2.359	91.9
820	3/21/2013 2:16:34	10.69	48.12	31.23	8.35	7.95	4.2	2.381	91.6
821	3/21/2013 2:31:34	10.72	48.02	31.16	8.39	7.95	3.9	2.392	92.1
822	3/21/2013 2:46:34	10.70	48.04	31.17	8.39	7.95	4.3	2.411	92.1
823	3/21/2013 3:01:34	10.74	48.10	31.21	8.41	7.95	4.3	2.455	92.5
824	3/21/2013 3:16:34	10.81	48.22	31.30	8.36	7.96	4.4	2.476	92.1

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
825	3/21/2013 3:31:34	10.69	48.12	31.23	8.43	7.96	4.7	2.513	92.6
826	3/21/2013 3:46:34	10.80	48.24	31.32	8.37	7.95	3.8	2.551	92.2
827	3/21/2013 4:01:34	10.81	48.31	31.37	8.34	7.95	3.9	2.598	91.8
828	3/21/2013 4:16:34	10.74	48.40	31.43	8.34	7.94	4.1	2.631	91.8
829	3/21/2013 4:31:34	10.70	48.52	31.51	8.37	7.94	4.2	2.680	92.1
830	3/21/2013 4:46:34	10.68	48.64	31.60	8.37	7.94	4.0	2.724	92.1
831	3/21/2013 5:01:34	10.63	48.56	31.54	8.40	7.94	4.1	2.765	92.3
832	3/21/2013 5:16:34	10.53	48.65	31.60	8.40	7.94	3.9	2.810	92.2
833	3/21/2013 5:31:34	10.50	48.69	31.63	8.43	7.94	4.5	2.856	92.4
834	3/21/2013 5:46:34	10.42	48.74	31.66	8.43	7.94	3.9	2.906	92.3
835	3/21/2013 6:01:34	10.35	49.22	32.00	8.32	7.92	3.3	2.947	91.1
836	3/21/2013 6:16:34	10.31	49.48	32.18	8.28	7.91	2.9	2.989	90.7
837	3/21/2013 6:31:34	10.28	49.52	32.21	8.28	7.91	2.8	3.025	90.7
838	3/21/2013 6:46:34	10.25	49.76	32.38	8.17	7.91	2.8	3.035	89.5
839	3/21/2013 7:01:34	10.24	49.78	32.39	8.09	7.91	2.7	3.063	88.7
840	3/21/2013 7:16:34	10.23	49.81	32.42	8.11	7.91	2.8	3.108	88.8
841	3/21/2013 7:31:34	10.25	49.72	32.35	8.17	7.91	2.8	3.101	89.5
842	3/21/2013 7:46:34	10.22	49.87	32.46	7.79	7.89	2.8	3.112	85.3
843	3/21/2013 8:01:34	10.28	49.74	32.37	7.77	7.89	2.6	3.120	85.2
844	3/21/2013 8:16:34	10.34	49.58	32.26	7.94	7.90	3.4	3.082	87.1
845	3/21/2013 8:31:34	10.33	49.51	32.21	8.09	7.91	3.7	3.044	88.7
846	3/21/2013 8:46:34	10.34	49.36	32.10	8.04	7.91	3.5	3.003	88.2
847	3/21/2013 9:01:34	10.31	48.82	31.71	8.19	7.93	4.5	2.969	89.5
848	3/21/2013 9:16:34	10.28	48.59	31.54	8.31	7.93	4.4	2.934	90.6
849	3/21/2013 9:31:34	10.34	48.84	31.73	8.25	7.93	4.1	2.870	90.2
850	3/21/2013 9:46:34	10.43	48.64	31.58	8.53	7.97	4.3	2.792	93.3
851	3/21/2013 10:01:34	10.48	48.58	31.55	8.85	7.99	4.3	2.755	97.0
852	3/21/2013 10:16:34	10.56	48.61	31.57	9.13	8.01	4.5	2.666	100.2
853	3/21/2013 10:31:34	10.65	48.53	31.52	9.23	8.02	7.6	2.596	101.4
854	3/21/2013 10:46:34	10.71	48.51	31.51	9.10	8.00	8.5	2.522	100.2
855	3/21/2013 11:01:34	10.75	48.53	31.52	9.03	8.00	5.4	2.443	99.4
856	3/21/2013 11:16:34	10.82	48.55	31.55	9.14	8.01	7.4	2.362	100.8
857	3/21/2013 11:31:34	10.97	48.49	31.51	9.35	8.03	8.7	2.264	103.5
858	3/21/2013 11:46:34	10.94	48.30	31.37	9.17	8.02	8.7	2.192	101.3
859	3/21/2013 12:01:34	11.08	48.18	31.29	9.23	8.03	9.5	2.112	102.2
860	3/21/2013 12:16:34	11.11	48.09	31.23	9.20	8.03	9.9	2.023	102.0
861	3/21/2013 12:31:34	11.09	47.97	31.14	9.11	8.02	8.1	1.940	100.9
862	3/21/2013 12:46:34	11.20	47.94	31.13	9.13	8.03	8.1	1.869	101.3
863	3/21/2013 13:01:34	11.25	47.92	31.11	9.15	8.04	9.1	1.790	101.6
864	3/21/2013 13:16:34	11.24	47.82	31.04	9.02	8.03	9.0	1.727	100.1
865	3/21/2013 13:31:34	11.33	47.78	31.02	9.04	8.04	9.0	1.700	100.5
866	3/21/2013 13:46:34	11.33	47.72	30.97	8.95	8.04	8.7	1.654	99.4
867	3/21/2013 14:01:33	11.30	47.64	30.91	8.57	8.01	7.4	1.609	95.2
868	3/21/2013 14:16:34	11.36	47.70	30.96	8.55	8.01	7.7	1.600	95.0
869	3/21/2013 14:31:34	11.42	47.69	30.96	8.29	8.01	6.7	1.606	92.3
870	3/21/2013 14:46:34	11.47	47.73	30.98	8.73	7.99	7.0	1.602	97.4
871	3/21/2013 15:01:34	11.52	47.70	30.97	8.97	8.04	6.1	1.585	100.1
872	3/21/2013 15:16:34	11.43	47.44	30.78	9.25	8.06	8.6	1.624	102.9
873	3/21/2013 15:31:34	11.37	47.36	30.72	9.27	8.06	8.4	1.637	102.9
874	3/21/2013 15:46:34	11.41	47.34	30.70	9.32	8.07	8.1	1.667	103.5
875	3/21/2013 16:01:34	11.47	47.41	30.76	9.26	8.06	6.1	1.710	103.1
876	3/21/2013 16:16:34	11.47	47.38	30.73	9.24	8.06	5.7	1.741	102.8
877	3/21/2013 16:31:34	11.39	47.56	30.86	8.99	8.04	4.7	1.783	100.0
878	3/21/2013 16:46:34	11.34	47.57	30.87	8.97	8.04	4.8	1.848	99.6
879	3/21/2013 17:01:34	11.30	47.54	30.84	9.04	8.04	4.5	1.909	100.4

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
880	3/21/2013 17:16:34	11.34	47.55	30.85	9.08	8.04	5.6	1.979	100.8
881	3/21/2013 17:31:34	11.33	47.59	30.88	9.08	8.04	5.1	2.046	100.8
882	3/21/2013 17:46:34	11.33	47.53	30.84	9.12	8.05	5.0	2.104	101.2
883	3/21/2013 18:01:34	11.31	47.50	30.81	9.08	8.05	4.5	2.173	100.8
884	3/21/2013 18:16:34	11.30	47.45	30.78	9.08	8.05	4.6	2.230	100.7
885	3/21/2013 18:31:34	11.19	47.58	30.87	8.99	8.04	3.9	2.304	99.5
886	3/21/2013 18:46:34	11.10	47.75	30.98	8.91	8.02	4.1	2.385	98.6
887	3/21/2013 19:01:34	11.00	47.88	31.07	8.78	8.00	3.5	2.426	96.9
888	3/21/2013 19:16:34	10.93	48.10	31.23	8.65	7.99	3.2	2.488	95.5
889	3/21/2013 19:31:34	10.96	48.02	31.17	8.71	8.00	4.0	2.545	96.1
890	3/21/2013 19:46:34	10.91	48.18	31.28	8.71	7.99	4.0	2.611	96.1
891	3/21/2013 20:01:34	10.89	48.14	31.25	8.67	7.99	3.7	2.639	95.6
892	3/21/2013 20:16:34	10.88	48.15	31.26	8.68	7.99	4.2	2.688	95.7
893	3/21/2013 20:31:34	10.84	48.22	31.30	8.60	7.98	3.5	2.735	94.8
894	3/21/2013 20:46:33	10.77	48.33	31.39	8.53	7.96	5.5	2.767	93.9
895	3/21/2013 21:01:34	10.58	48.44	31.45	8.61	7.98	5.2	2.798	94.4
896	3/21/2013 21:16:34	9.73	48.28	31.28	9.04	8.00	24.2	2.814	97.2
897	3/21/2013 21:31:34	9.80	48.29	31.29	9.05	8.00	24.2	2.838	97.5
898	3/21/2013 21:46:34	9.82	48.32	31.32	9.03	8.00	18.5	2.841	97.3
899	3/21/2013 22:01:34	9.98	48.36	31.36	8.98	7.99	26.7	2.826	97.1
900	3/21/2013 22:16:34	9.72	48.48	31.43	9.01	7.99	29.4	2.814	96.9
901	3/21/2013 22:31:34	10.13	48.37	31.37	8.94	7.98	27.0	2.790	97.0
902	3/21/2013 22:46:34	10.15	48.51	31.47	8.89	7.97	22.5	2.753	96.6
903	3/21/2013 23:01:34	10.12	48.52	31.48	8.90	7.97	18.6	2.730	96.7
904	3/21/2013 23:16:34	10.31	48.37	31.38	8.88	7.97	19.1	2.678	96.8
905	3/21/2013 23:31:34	10.35	48.42	31.42	8.83	7.97	15.1	2.649	96.3
906	3/21/2013 23:46:34	10.36	48.36	31.38	8.80	7.97	12.3	2.614	96.1
907	3/22/2013 0:01:34	10.10	48.61	31.55	8.79	7.96	12.3	2.539	95.4
908	3/22/2013 0:16:34	10.30	48.25	31.30	8.88	7.98	16.1	2.495	96.7
909	3/22/2013 0:31:34	10.15	48.20	31.26	8.91	7.99	15.5	2.445	96.7
910	3/22/2013 0:46:34	10.55	47.93	31.08	8.93	8.01	14.4	2.407	97.6
911	3/22/2013 1:01:34	10.26	48.04	31.14	8.96	8.00	15.2	2.347	97.4
912	3/22/2013 1:16:34	10.20	48.08	31.17	8.91	7.99	14.7	2.309	96.7
913	3/22/2013 1:31:34	10.47	47.79	30.97	8.91	8.02	16.0	2.269	97.2
914	3/22/2013 1:46:34	10.32	47.85	31.01	8.89	8.01	16.4	2.248	96.7
915	3/22/2013 2:01:34	10.16	47.97	31.09	8.81	8.00	15.9	2.206	95.5
916	3/22/2013 2:16:34	10.25	47.87	31.02	8.84	8.00	14.7	2.195	96.0
917	3/22/2013 2:31:34	10.27	47.85	31.01	8.57	7.99	10.0	2.187	93.1
918	3/22/2013 2:46:34	10.43	48.01	31.13	8.51	7.98	8.7	2.167	92.9
919	3/22/2013 3:01:34	10.45	47.90	31.05	8.72	8.00	9.9	2.170	95.1
920	3/22/2013 3:16:34	10.46	47.90	31.06	8.72	8.00	9.7	2.182	95.2
921	3/22/2013 3:31:34	10.44	47.85	31.02	8.77	8.00	10.7	2.205	95.6
922	3/22/2013 3:46:34	10.44	47.82	31.00	8.75	8.00	10.2	2.233	95.4
923	3/22/2013 4:01:34	10.46	47.86	31.03	8.72	8.00	9.8	2.269	95.1
924	3/22/2013 4:16:34	10.43	47.91	31.06	8.70	8.00	9.7	2.294	94.9
925	3/22/2013 4:31:34	10.39	48.00	31.12	8.71	7.99	8.5	2.353	94.9
926	3/22/2013 4:46:34	10.39	47.93	31.08	8.70	7.99	8.5	2.390	94.8
927	3/22/2013 5:01:34	10.41	47.95	31.09	8.66	7.99	7.3	2.427	94.5
928	3/22/2013 5:16:34	10.42	48.01	31.13	8.67	7.98	7.9	2.488	94.5
929	3/22/2013 5:31:34	10.37	48.34	31.37	8.70	7.98	7.2	2.532	95.0
930	3/22/2013 5:46:34	10.33	48.47	31.46	8.71	7.97	7.1	2.583	95.0
931	3/22/2013 6:01:34	10.30	48.51	31.49	8.68	7.97	6.8	2.641	94.7
932	3/22/2013 6:16:34	10.20	48.51	31.48	8.69	7.98	6.3	2.684	94.6
933	3/22/2013 6:31:34	10.13	48.40	31.39	8.76	7.98	6.4	2.736	95.1
934	3/22/2013 6:46:34	10.17	48.89	31.75	8.75	7.96	5.2	2.787	95.3

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
935	3/22/2013 7:01:34	10.14	48.89	31.75	8.75	7.96	4.9	2.831	95.3
936	3/22/2013 7:16:34	10.03	48.89	31.74	8.78	7.96	4.8	2.876	95.3
937	3/22/2013 7:31:34	10.00	48.97	31.80	8.77	7.96	4.5	2.927	95.2
938	3/22/2013 7:46:34	9.96	49.00	31.81	8.72	7.96	4.2	2.965	94.6
939	3/22/2013 8:01:34	9.99	49.11	31.89	8.65	7.96	3.6	2.992	94.0
940	3/22/2013 8:16:34	10.00	49.24	31.99	8.68	7.96	3.2	3.020	94.3
941	3/22/2013 8:31:34	8.24	48.55	31.37	8.47	7.88	11.1	3.035	88.1
942	3/22/2013 8:46:34	8.11	48.31	31.18	8.42	7.89	13.7	3.049	87.3
943	3/22/2013 9:01:34	9.09	48.95	31.72	8.70	7.95	10.0	3.053	92.5
944	3/22/2013 9:16:34	10.00	49.48	32.16	8.76	7.97	3.9	3.031	95.3
945	3/22/2013 9:31:34	9.94	49.33	32.06	8.94	7.98	5.6	3.008	97.1
946	3/22/2013 9:46:34	9.93	49.19	31.95	9.18	7.99	8.5	2.977	99.6
947	3/22/2013 10:01:34	9.97	49.14	31.92	9.31	7.99	10.2	2.914	101.1
948	3/22/2013 10:16:34	10.02	49.09	31.89	9.30	7.99	13.9	2.861	101.1
949	3/22/2013 10:31:34	10.08	49.12	31.91	9.32	7.99	12.6	2.814	101.5
950	3/22/2013 10:46:34	10.13	49.09	31.89	9.36	8.00	14.6	2.738	102.0
951	3/22/2013 11:01:34	10.20	49.05	31.87	9.41	8.00	15.1	2.668	102.7
952	3/22/2013 11:16:34	10.23	48.88	31.75	9.20	7.99	22.0	2.595	100.3
953	3/22/2013 11:31:34	10.34	48.86	31.74	9.33	8.00	18.9	2.529	102.0
954	3/22/2013 11:46:34	10.38	48.70	31.62	9.27	8.00	20.4	2.450	101.4
955	3/22/2013 12:01:34	10.49	48.68	31.62	9.35	8.00	27.8	2.351	102.4
956	3/22/2013 12:16:34	10.56	48.46	31.46	9.29	8.01	26.7	2.273	101.9
957	3/22/2013 12:31:34	10.64	48.38	31.41	9.34	8.02	23.0	2.193	102.5
958	3/22/2013 12:46:34	10.65	48.32	31.37	9.34	8.01	21.1	2.102	102.5
959	3/22/2013 13:01:34	10.66	48.12	31.22	9.11	8.01	22.5	2.000	100.0
960	3/22/2013 13:16:34	10.76	48.16	31.26	9.16	8.01	20.8	1.925	100.7
961	3/22/2013 13:31:34	10.72	47.94	31.10	9.08	8.01	19.6	1.845	99.7
962	3/22/2013 13:46:34	10.81	47.93	31.10	9.13	8.02	19.6	1.754	100.4
963	3/22/2013 14:01:34	10.80	47.94	31.11	9.08	8.01	16.9	1.689	99.8
964	3/22/2013 14:16:33	10.81	47.82	31.01	9.11	8.01	17.5	1.620	100.1
965	3/22/2013 14:31:34	10.85	47.83	31.03	9.08	8.02	16.0	1.569	99.9
966	3/22/2013 14:46:34	10.87	47.80	31.00	9.04	8.01	14.1	1.532	99.5
967	3/22/2013 15:01:34	10.90	47.82	31.02	9.03	8.01	13.4	1.478	99.4
968	3/22/2013 15:16:34	10.93	47.80	31.01	8.94	8.02	11.2	1.487	98.6
969	3/22/2013 15:31:34	10.95	47.80	31.01	9.04	8.01	11.4	1.500	99.7
970	3/22/2013 15:46:34	10.88	47.48	30.78	9.06	8.01	14.7	1.484	99.7
971	3/22/2013 16:01:34	10.90	47.42	30.73	9.00	8.01	12.6	1.528	98.9
972	3/22/2013 16:16:34	10.92	47.49	30.79	8.99	8.01	11.8	1.551	98.9
973	3/22/2013 16:31:34	10.92	47.47	30.77	9.01	8.01	12.3	1.605	99.2
974	3/22/2013 16:46:34	10.89	47.55	30.83	8.94	8.00	11.2	1.644	98.4
975	3/22/2013 17:01:34	10.87	47.57	30.84	8.84	8.00	9.7	1.680	97.2
976	3/22/2013 17:16:34	10.86	47.49	30.78	8.91	8.00	11.3	1.758	97.9
977	3/22/2013 17:31:34	10.89	47.45	30.76	8.92	8.00	12.1	1.807	98.0
978	3/22/2013 17:46:34	10.88	47.53	30.81	8.94	8.00	11.1	1.873	98.3
979	3/22/2013 18:01:34	10.85	47.47	30.76	8.94	8.00	13.2	1.945	98.2
980	3/22/2013 18:16:34	10.86	47.43	30.74	8.90	8.00	12.0	2.018	97.7
981	3/22/2013 18:31:34	10.87	47.36	30.69	8.94	8.00	12.6	2.099	98.2
982	3/22/2013 18:46:33	10.81	47.42	30.73	8.91	8.00	10.6	2.150	97.8
983	3/22/2013 19:01:34	10.75	47.57	30.83	8.88	7.99	10.0	2.243	97.4
984	3/22/2013 19:16:34	10.66	47.61	30.85	8.89	7.99	11.1	2.314	97.3
985	3/22/2013 19:31:34	10.60	47.65	30.88	8.91	7.99	8.4	2.367	97.5
986	3/22/2013 19:46:34	10.59	47.76	30.96	8.90	7.99	9.0	2.456	97.4
987	3/22/2013 20:01:34	10.50	47.88	31.05	8.89	7.99	8.4	2.522	97.1
988	3/22/2013 20:16:34	10.46	47.88	31.04	8.94	7.98	8.6	2.585	97.5
989	3/22/2013 20:31:34	10.37	47.98	31.11	8.89	7.98	7.5	2.639	96.8

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
990	3/22/2013 20:46:34	10.31	48.07	31.17	8.85	7.98	6.5	2.696	96.3
991	3/22/2013 21:01:34	10.26	48.09	31.18	8.88	7.98	6.5	2.750	96.5
992	3/22/2013 21:16:34	10.22	48.26	31.30	8.84	7.97	5.9	2.782	96.1
993	3/22/2013 21:31:34	10.20	48.27	31.30	8.85	7.97	5.9	2.839	96.2
994	3/22/2013 21:46:34	10.17	48.40	31.40	8.88	7.97	5.9	2.874	96.6
995	3/22/2013 22:01:34	10.15	48.40	31.40	8.85	7.97	4.9	2.887	96.1
996	3/22/2013 22:16:34	10.12	48.50	31.46	8.81	7.97	5.0	2.926	95.7
997	3/22/2013 22:31:34	9.34	48.55	31.45	8.97	7.98	21.9	2.934	95.8
998	3/22/2013 22:46:34	9.48	48.30	31.28	8.87	7.98	15.8	2.920	94.9
999	3/22/2013 23:01:34	9.21	48.43	31.36	8.91	8.00	17.4	2.917	94.8
1000	3/22/2013 23:16:34	9.55	48.39	31.35	8.87	7.98	21.1	2.874	95.1
1001	3/22/2013 23:31:34	9.81	48.30	31.30	8.95	7.98	10.4	2.853	96.4
1002	3/22/2013 23:46:34	9.83	48.26	31.28	8.92	7.97	11.1	2.791	96.2
1003	3/23/2013 0:01:34	9.87	48.32	31.32	8.88	7.97	12.6	2.728	95.8
1004	3/23/2013 0:16:34	9.93	48.23	31.26	8.94	7.97	12.8	2.681	96.6
1005	3/23/2013 0:31:34	9.91	48.32	31.33	8.88	7.97	9.1	2.598	95.9
1006	3/23/2013 0:46:34	9.81	48.53	31.47	8.84	7.97	8.1	2.537	95.4
1007	3/23/2013 1:01:34	9.89	48.33	31.33	8.86	7.97	8.9	2.469	95.7
1008	3/23/2013 1:16:34	9.90	48.25	31.27	8.82	7.97	9.2	2.404	95.3
1009	3/23/2013 1:31:34	10.03	47.97	31.08	8.82	7.97	10.8	2.343	95.4
1010	3/23/2013 1:46:34	9.87	48.13	31.18	8.79	7.97	9.4	2.267	94.8
1011	3/23/2013 2:01:34	9.82	48.10	31.16	8.68	7.96	10.2	2.213	93.5
1012	3/23/2013 2:16:34	9.93	47.97	31.07	8.72	7.97	10.0	2.161	94.1
1013	3/23/2013 2:31:34	9.96	47.93	31.05	8.71	7.97	9.7	2.121	94.1
1014	3/23/2013 2:46:34	10.02	47.80	30.96	8.72	7.97	10.7	2.079	94.2
1015	3/23/2013 3:01:34	10.04	47.75	30.93	8.70	7.97	10.2	2.038	94.0
1016	3/23/2013 3:16:34	10.06	47.76	30.93	8.76	7.97	9.8	2.041	94.7
1017	3/23/2013 3:31:34	10.02	47.74	30.91	8.60	7.97	9.1	2.016	92.9
1018	3/23/2013 3:46:34	10.02	47.71	30.89	8.58	7.96	8.3	2.009	92.6
1019	3/23/2013 4:01:34	9.98	47.72	30.90	8.71	7.97	9.4	2.039	94.0
1020	3/23/2013 4:16:34	10.03	47.76	30.93	8.71	7.97	8.6	2.059	94.1
1021	3/23/2013 4:31:34	10.01	47.81	30.96	8.72	7.97	8.9	2.086	94.1
1022	3/23/2013 4:46:34	10.00	47.82	30.97	8.74	7.97	9.1	2.132	94.3
1023	3/23/2013 5:01:34	9.98	47.73	30.91	8.74	7.97	8.7	2.192	94.3
1024	3/23/2013 5:16:34	10.00	47.72	30.90	8.71	7.96	8.4	2.239	94.1
1025	3/23/2013 5:31:34	10.00	47.74	30.91	8.72	7.96	8.2	2.279	94.1
1026	3/23/2013 5:46:34	10.02	47.83	30.98	8.71	7.96	7.8	2.345	94.1
1027	3/23/2013 6:01:34	10.03	47.89	31.02	8.73	7.97	7.3	2.397	94.4
1028	3/23/2013 6:16:34	10.00	48.09	31.17	8.73	7.96	7.4	2.457	94.4
1029	3/23/2013 6:31:34	9.89	48.18	31.22	8.78	7.96	7.0	2.519	94.8
1030	3/23/2013 6:46:34	9.95	48.55	31.49	8.82	7.96	6.5	2.583	95.4
1031	3/23/2013 7:01:34	9.97	48.72	31.62	8.88	7.97	6.4	2.649	96.2
1032	3/23/2013 7:16:34	9.94	48.88	31.73	8.96	7.98	5.6	2.692	97.1
1033	3/23/2013 7:31:34	9.92	48.86	31.71	8.95	7.97	5.4	2.763	97.0
1034	3/23/2013 7:46:34	9.88	48.95	31.78	9.00	7.98	5.7	2.822	97.5
1035	3/23/2013 8:01:34	9.88	49.04	31.84	9.00	7.98	5.1	2.866	97.5
1036	3/23/2013 8:16:34	9.85	49.17	31.93	9.04	7.98	5.1	2.941	97.9
1037	3/23/2013 8:31:34	9.82	49.25	31.99	9.07	7.98	5.1	2.993	98.2
1038	3/23/2013 8:46:34	9.74	49.24	31.97	9.06	7.98	5.3	3.045	97.9
1039	3/23/2013 9:01:34	9.70	49.34	32.04	9.08	7.98	4.3	3.095	98.1
1040	3/23/2013 9:16:34	9.70	49.39	32.08	9.10	7.98	4.2	3.136	98.3
1041	3/23/2013 9:31:34	9.66	49.49	32.15	9.10	7.98	3.7	3.155	98.3
1042	3/23/2013 9:46:34	9.66	49.50	32.16	9.00	7.98	3.3	3.162	97.2
1043	3/23/2013 10:01:34	9.73	49.35	32.06	9.05	7.98	3.8	3.183	97.9
1044	3/23/2013 10:16:34	9.67	49.48	32.14	9.01	7.98	4.8	3.164	97.4

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1045	3/23/2013 10:31:34	9.65	49.58	32.22	9.13	7.98	5.0	3.124	98.6
1046	3/23/2013 10:46:34	9.75	48.95	31.76	9.36	7.99	6.7	3.083	101.0
1047	3/23/2013 11:01:34	9.90	48.92	31.76	9.19	7.99	5.9	3.018	99.5
1048	3/23/2013 11:16:34	9.96	48.96	31.79	9.22	7.99	6.1	2.947	100.0
1049	3/23/2013 11:31:34	10.16	48.84	31.71	9.29	8.00	6.4	2.863	101.2
1050	3/23/2013 11:46:34	10.09	48.89	31.74	9.24	8.00	6.0	2.781	100.5
1051	3/23/2013 12:01:34	10.17	48.74	31.64	9.25	8.00	6.1	2.707	100.7
1052	3/23/2013 12:16:34	10.27	48.61	31.55	9.30	8.01	6.1	2.611	101.4
1053	3/23/2013 12:31:34	10.42	48.42	31.43	9.43	8.02	6.0	2.520	103.1
1054	3/23/2013 12:46:34	10.53	48.42	31.43	9.49	8.02	6.5	2.435	104.0
1055	3/23/2013 13:01:34	10.59	48.40	31.42	9.54	8.02	7.6	2.322	104.6
1056	3/23/2013 13:16:34	10.78	48.31	31.37	9.63	8.03	7.8	2.222	106.0
1057	3/23/2013 13:31:34	10.83	48.15	31.26	9.55	8.03	9.2	2.127	105.1
1058	3/23/2013 13:46:34	10.89	48.15	31.26	9.58	8.03	8.3	2.018	105.7
1059	3/23/2013 14:01:34	10.94	47.99	31.15	9.66	8.04	8.3	1.907	106.6
1060	3/23/2013 14:16:34	11.23	47.90	31.10	9.76	8.06	7.6	1.816	108.4
1061	3/23/2013 14:31:34	11.06	47.89	31.08	9.63	8.04	7.8	1.717	106.4
1062	3/23/2013 14:46:34	11.23	47.89	31.09	9.69	8.06	7.4	1.643	107.6
1063	3/23/2013 15:01:34	11.08	47.76	30.99	9.56	8.04	7.2	1.572	105.6
1064	3/23/2013 15:16:34	11.16	47.76	30.99	9.63	8.05	7.3	1.497	106.7
1065	3/23/2013 15:31:34	11.15	47.72	30.96	9.58	8.05	6.7	1.460	106.1
1066	3/23/2013 15:46:34	11.14	47.69	30.94	9.44	8.05	6.1	1.426	104.5
1067	3/23/2013 16:01:34	11.57	47.57	30.88	9.57	8.06	5.6	1.404	106.8
1068	3/23/2013 16:16:34	11.36	47.70	30.96	9.66	8.05	5.6	1.417	107.4
1069	3/23/2013 16:31:34	11.19	47.70	30.95	9.67	8.05	6.1	1.441	107.1
1070	3/23/2013 16:46:34	11.23	47.71	30.96	9.67	8.05	6.1	1.480	107.2
1071	3/23/2013 17:01:34	11.15	47.70	30.95	9.60	8.04	6.2	1.531	106.3
1072	3/23/2013 17:16:34	11.13	47.71	30.95	9.56	8.04	6.1	1.559	105.8
1073	3/23/2013 17:31:34	11.04	47.65	30.91	9.53	8.03	6.2	1.635	105.2
1074	3/23/2013 17:46:34	11.03	47.70	30.94	9.52	8.03	6.4	1.704	105.1
1075	3/23/2013 18:01:34	10.99	47.55	30.83	9.46	8.03	6.6	1.753	104.3
1076	3/23/2013 18:16:34	10.97	47.20	30.58	9.45	8.02	6.8	1.825	104.0
1077	3/23/2013 18:31:34	10.96	47.20	30.58	9.43	8.02	6.5	1.910	103.7
1078	3/23/2013 18:46:34	10.99	47.34	30.68	9.40	8.02	6.2	1.982	103.5
1079	3/23/2013 19:01:34	10.91	47.57	30.84	9.32	8.01	5.6	2.066	102.5
1080	3/23/2013 19:16:34	10.85	47.59	30.85	9.30	8.01	5.9	2.148	102.2
1081	3/23/2013 19:31:34	10.71	47.98	31.13	9.23	8.00	5.6	2.226	101.3
1082	3/23/2013 19:46:34	10.57	48.22	31.30	9.14	7.99	7.0	2.321	100.2
1083	3/23/2013 20:01:34	10.45	48.37	31.39	9.12	7.99	5.9	2.395	99.7
1084	3/23/2013 20:16:34	10.41	48.38	31.40	9.17	7.99	6.3	2.472	100.2
1085	3/23/2013 20:31:34	10.35	48.46	31.45	9.16	7.99	6.2	2.551	100.0
1086	3/23/2013 20:46:34	10.36	48.49	31.47	9.15	7.99	6.2	2.630	99.9
1087	3/23/2013 21:01:34	10.32	48.57	31.53	9.15	7.99	6.6	2.697	99.8
1088	3/23/2013 21:16:34	10.29	48.65	31.58	9.13	7.99	6.2	2.770	99.6
1089	3/23/2013 21:31:34	10.25	48.73	31.64	9.12	7.99	6.8	2.842	99.4
1090	3/23/2013 21:46:34	10.16	48.87	31.73	9.18	7.99	7.1	2.905	100.0
1091	3/23/2013 22:01:34	10.12	48.96	31.80	9.18	7.98	6.5	2.961	100.0
1092	3/23/2013 22:16:34	10.07	49.06	31.86	9.21	7.98	5.6	3.011	100.2
1093	3/23/2013 22:31:34	9.98	49.28	32.02	9.16	7.98	4.8	3.065	99.6
1094	3/23/2013 22:46:34	9.90	49.52	32.19	9.14	7.97	4.3	3.086	99.3
1095	3/23/2013 23:01:34	9.91	49.50	32.17	8.98	7.97	3.6	3.088	97.5
1096	3/23/2013 23:16:34	9.92	49.52	32.19	9.09	7.97	4.7	3.106	98.8
1097	3/23/2013 23:31:34	9.93	49.48	32.16	9.09	7.97	5.1	3.088	98.8
1098	3/23/2013 23:46:34	9.91	49.53	32.20	9.15	7.97	5.6	3.028	99.4
1099	3/24/2013 0:01:34	10.06	48.50	31.47	8.99	7.98	11.5	2.982	97.5

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1100	3/24/2013 0:16:34	10.11	48.66	31.58	8.96	7.98	6.1	2.924	97.3
1101	3/24/2013 0:31:34	10.02	48.77	31.66	8.93	7.97	5.6	2.845	96.9
1102	3/24/2013 0:46:34	10.03	48.77	31.66	8.99	7.98	6.7	2.752	97.6
1103	3/24/2013 1:01:34	10.02	48.78	31.66	8.98	7.98	6.0	2.670	97.5
1104	3/24/2013 1:16:34	9.98	48.77	31.65	8.96	7.97	5.4	2.608	97.1
1105	3/24/2013 1:31:34	10.12	48.53	31.49	8.95	7.98	7.0	2.516	97.2
1106	3/24/2013 1:46:34	10.08	48.46	31.44	8.88	7.97	6.7	2.434	96.4
1107	3/24/2013 2:01:34	9.96	48.46	31.43	8.87	7.97	7.1	2.335	96.0
1108	3/24/2013 2:16:34	10.19	48.01	31.12	8.91	7.98	8.3	2.253	96.7
1109	3/24/2013 2:31:34	10.18	47.99	31.10	8.87	7.98	7.4	2.189	96.2
1110	3/24/2013 2:46:34	10.06	48.21	31.25	8.87	7.97	6.7	2.102	96.0
1111	3/24/2013 3:01:34	10.19	48.00	31.11	8.92	7.98	6.7	2.032	96.8
1112	3/24/2013 3:16:34	10.19	47.96	31.08	8.93	7.99	6.6	1.976	96.9
1113	3/24/2013 3:31:34	10.20	47.90	31.04	8.91	7.99	7.0	1.921	96.7
1114	3/24/2013 3:46:34	10.29	47.75	30.94	8.96	8.00	6.6	1.871	97.4
1115	3/24/2013 4:01:34	10.30	47.70	30.90	8.95	8.01	6.8	1.840	97.2
1116	3/24/2013 4:16:34	10.30	47.67	30.88	8.90	8.01	6.1	1.846	96.6
1117	3/24/2013 4:31:34	10.26	47.71	30.91	8.92	8.00	6.3	1.842	96.8
1118	3/24/2013 4:46:34	10.25	47.72	30.91	8.91	8.00	6.1	1.853	96.7
1119	3/24/2013 5:01:34	10.24	47.81	30.97	8.91	7.99	6.0	1.887	96.7
1120	3/24/2013 5:16:34	10.26	47.82	30.98	8.92	7.99	5.9	1.951	96.9
1121	3/24/2013 5:31:34	10.24	47.84	31.00	8.91	7.98	6.1	2.003	96.7
1122	3/24/2013 5:46:34	10.20	47.74	30.93	8.84	7.98	5.7	2.047	95.9
1123	3/24/2013 6:01:34	10.21	47.78	30.95	8.83	7.97	5.8	2.125	95.8
1124	3/24/2013 6:16:34	10.20	47.77	30.95	8.80	7.97	5.7	2.183	95.5
1125	3/24/2013 6:31:34	10.21	47.86	31.01	8.78	7.97	5.7	2.239	95.3
1126	3/24/2013 6:46:34	10.18	48.02	31.12	8.81	7.97	6.0	2.310	95.6
1127	3/24/2013 7:01:34	10.10	48.10	31.18	8.79	7.97	5.3	2.380	95.2
1128	3/24/2013 7:16:34	10.09	48.52	31.48	8.82	7.97	5.7	2.452	95.8
1129	3/24/2013 7:31:34	10.07	48.54	31.49	8.86	7.97	5.2	2.519	96.1
1130	3/24/2013 7:46:34	10.06	48.66	31.58	8.91	7.97	5.0	2.587	96.7
1131	3/24/2013 8:01:34	10.04	48.76	31.65	8.93	7.97	5.2	2.663	96.9
1132	3/24/2013 8:16:34	10.02	48.86	31.72	8.93	7.97	5.6	2.734	96.9
1133	3/24/2013 8:31:34	9.99	48.99	31.81	8.93	7.97	5.4	2.795	97.0
1134	3/24/2013 8:46:34	9.90	49.15	31.92	8.95	7.97	5.5	2.877	97.0
1135	3/24/2013 9:01:34	9.87	49.23	31.98	8.97	7.97	5.9	2.946	97.3
1136	3/24/2013 9:16:34	9.82	49.32	32.04	8.97	7.96	5.3	3.003	97.2
1137	3/24/2013 9:31:34	9.72	49.54	32.19	8.97	7.96	4.9	3.075	97.1
1138	3/24/2013 9:46:34	9.68	49.57	32.21	8.95	7.96	4.6	3.136	96.8
1139	3/24/2013 10:01:34	9.63	49.67	32.28	8.94	7.95	4.0	3.178	96.6
1140	3/24/2013 10:16:34	9.55	49.88	32.42	8.91	7.95	4.2	3.217	96.1
1141	3/24/2013 10:31:34	9.52	49.95	32.47	8.83	7.94	3.2	3.248	95.3
1142	3/24/2013 10:46:34	9.71	49.60	32.23	9.06	7.96	4.2	3.249	97.9
1143	3/24/2013 11:01:34	9.55	49.93	32.46	8.86	7.94	4.2	3.240	95.7
1144	3/24/2013 11:16:34	9.54	49.97	32.48	8.88	7.94	4.7	3.203	95.9
1145	3/24/2013 11:31:34	10.17	49.03	31.85	9.41	8.00	6.2	3.147	102.5
1146	3/24/2013 11:46:34	10.34	49.01	31.84	9.36	8.00	6.6	3.079	102.4
1147	3/24/2013 12:01:34	10.16	49.11	31.91	9.29	7.99	5.0	3.001	101.3
1148	3/24/2013 12:16:34	10.29	48.95	31.80	9.28	7.99	5.9	2.910	101.3
1149	3/24/2013 12:31:34	10.18	49.04	31.86	9.22	7.99	6.1	2.801	100.5
1150	3/24/2013 12:46:34	10.35	48.91	31.78	9.29	8.00	6.3	2.718	101.6
1151	3/24/2013 13:01:34	10.50	48.77	31.69	9.40	8.01	5.4	2.631	103.1
1152	3/24/2013 13:16:34	10.68	48.63	31.59	9.52	8.02	5.6	2.523	104.7
1153	3/24/2013 13:31:34	10.86	48.65	31.62	9.62	8.02	7.0	2.418	106.2
1154	3/24/2013 13:46:34	11.08	48.53	31.55	9.71	8.03	5.6	2.329	107.7

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1155	3/24/2013 14:01:34	11.19	48.47	31.51	9.85	8.04	5.6	2.219	109.5
1156	3/24/2013 14:16:34	11.10	48.37	31.43	9.76	8.04	6.1	2.107	108.2
1157	3/24/2013 14:31:34	11.31	48.31	31.40	9.84	8.05	6.1	1.974	109.6
1158	3/24/2013 14:46:34	11.38	48.23	31.34	9.91	8.06	5.6	1.889	110.5
1159	3/24/2013 15:01:34	11.41	48.14	31.28	9.90	8.07	5.1	1.778	110.4
1160	3/24/2013 15:16:34	11.51	48.09	31.25	9.99	8.08	5.6	1.662	111.6
1161	3/24/2013 15:31:34	11.59	48.02	31.20	10.03	8.08	5.4	1.579	112.3
1162	3/24/2013 15:46:34	11.53	47.98	31.17	9.91	8.08	4.9	1.512	110.8
1163	3/24/2013 16:01:34	11.69	48.02	31.21	10.01	8.09	4.8	1.436	112.2
1164	3/24/2013 16:16:34	11.65	47.92	31.13	9.94	8.09	4.3	1.393	111.3
1165	3/24/2013 16:31:34	11.76	47.89	31.12	9.94	8.10	4.1	1.373	111.6
1166	3/24/2013 16:46:34	12.31	48.19	31.35	10.25	8.11	3.8	1.363	116.6
1167	3/24/2013 17:01:34	11.72	47.85	31.08	10.06	8.09	4.4	1.390	112.8
1168	3/24/2013 17:16:34	11.74	47.88	31.11	10.00	8.09	4.3	1.409	112.2
1169	3/24/2013 17:31:34	11.62	47.86	31.08	9.96	8.08	4.3	1.453	111.5
1170	3/24/2013 17:46:34	11.62	47.83	31.07	9.98	8.09	4.3	1.520	111.6
1171	3/24/2013 18:01:34	11.60	47.83	31.07	9.94	8.08	4.3	1.574	111.2
1172	3/24/2013 18:16:34	11.57	47.79	31.03	9.89	8.08	4.4	1.649	110.5
1173	3/24/2013 18:31:34	11.55	47.65	30.93	9.88	8.07	4.8	1.720	110.2
1174	3/24/2013 18:46:34	11.55	47.34	30.71	9.81	8.06	5.1	1.802	109.4
1175	3/24/2013 19:01:34	11.57	47.32	30.69	9.78	8.06	5.0	1.878	109.0
1176	3/24/2013 19:16:34	11.50	47.38	30.73	9.72	8.06	4.8	1.969	108.2
1177	3/24/2013 19:31:34	11.43	47.42	30.76	9.64	8.05	4.8	2.062	107.3
1178	3/24/2013 19:46:34	11.17	47.97	31.14	9.45	8.02	4.6	2.148	104.8
1179	3/24/2013 20:01:34	10.98	48.22	31.31	9.33	8.01	4.3	2.238	103.1
1180	3/24/2013 20:16:34	10.87	48.27	31.35	9.30	8.01	5.3	2.330	102.6
1181	3/24/2013 20:31:34	10.75	48.46	31.47	9.29	8.01	5.7	2.424	102.3
1182	3/24/2013 20:46:34	10.71	48.55	31.54	9.26	8.00	6.1	2.512	101.9
1183	3/24/2013 21:01:34	10.69	48.60	31.57	9.26	8.00	5.7	2.585	101.9
1184	3/24/2013 21:16:34	10.61	48.72	31.65	9.22	8.00	6.1	2.675	101.3
1185	3/24/2013 21:31:34	10.53	48.84	31.74	9.17	7.99	6.8	2.757	100.7
1186	3/24/2013 21:46:34	10.40	48.94	31.80	9.13	7.98	7.3	2.828	100.0
1187	3/24/2013 22:01:34	10.31	49.15	31.94	9.11	7.97	9.2	2.917	99.7
1188	3/24/2013 22:16:34	10.24	49.30	32.05	9.06	7.96	7.5	2.983	99.0
1189	3/24/2013 22:31:34	10.06	49.73	32.35	8.82	7.94	7.2	3.052	96.2
1190	3/24/2013 22:46:34	9.93	50.03	32.56	8.65	7.92	6.0	3.120	94.2
1191	3/24/2013 23:01:34	9.87	50.16	32.64	8.57	7.92	4.8	3.174	93.3
1192	3/24/2013 23:16:34	9.82	50.25	32.71	8.50	7.92	4.3	3.213	92.4
1193	3/24/2013 23:31:34	9.78	50.28	32.73	8.40	7.91	3.7	3.234	91.3
1194	3/24/2013 23:46:34	9.84	50.20	32.67	8.43	7.92	4.5	3.232	91.8
1195	3/25/2013 0:01:34	9.79	50.29	32.74	8.41	7.91	4.3	3.227	91.4
1196	3/25/2013 0:16:34	9.78	50.34	32.77	8.43	7.91	5.1	3.179	91.6
1197	3/25/2013 0:31:34	10.27	48.93	31.78	8.83	7.98	7.6	3.101	96.4
1198	3/25/2013 0:46:34	10.19	49.22	31.99	8.81	7.96	5.9	3.034	96.2
1199	3/25/2013 1:01:34	10.18	49.24	32.00	8.88	7.96	6.8	2.948	96.9
1200	3/25/2013 1:16:34	10.22	48.98	31.82	8.94	7.97	5.7	2.844	97.5
1201	3/25/2013 1:31:34	10.33	48.89	31.76	8.95	7.98	6.7	2.752	97.8
1202	3/25/2013 1:46:34	10.38	48.76	31.67	8.98	7.98	7.6	2.652	98.2
1203	3/25/2013 2:01:34	10.43	48.66	31.60	8.97	7.99	7.5	2.560	98.1
1204	3/25/2013 2:16:34	10.36	48.60	31.55	8.95	7.99	5.7	2.469	97.8
1205	3/25/2013 2:31:34	10.42	48.52	31.50	9.05	7.99	9.2	2.351	98.9
1206	3/25/2013 2:46:34	10.45	48.47	31.47	8.97	7.99	7.4	2.258	98.1
1207	3/25/2013 3:01:34	10.38	48.47	31.46	8.90	7.99	7.3	2.163	97.3
1208	3/25/2013 3:16:34	10.35	48.52	31.49	8.97	7.99	6.2	2.077	98.0
1209	3/25/2013 3:31:34	10.44	48.32	31.35	8.96	8.01	6.1	1.964	97.9

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1210	3/25/2013 3:46:34	10.60	48.04	31.17	9.08	8.04	6.6	1.878	99.5
1211	3/25/2013 4:01:34	10.60	47.99	31.13	9.12	8.04	6.1	1.808	99.9
1212	3/25/2013 4:16:34	10.65	47.90	31.06	9.11	8.05	6.1	1.734	99.9
1213	3/25/2013 4:31:34	10.68	47.83	31.02	9.11	8.06	5.7	1.681	99.9
1214	3/25/2013 4:46:34	10.70	47.78	30.98	9.07	8.06	5.3	1.636	99.4
1215	3/25/2013 5:01:34	10.73	47.76	30.97	9.06	8.07	5.2	1.629	99.4
1216	3/25/2013 5:16:34	10.69	47.80	30.99	9.10	8.06	5.0	1.644	99.7
1217	3/25/2013 5:31:34	10.69	47.85	31.03	9.11	8.05	4.8	1.645	99.9
1218	3/25/2013 5:46:34	10.70	47.88	31.05	9.11	8.05	4.7	1.694	99.9
1219	3/25/2013 6:01:34	10.73	47.86	31.04	9.14	8.04	4.9	1.755	100.4
1220	3/25/2013 6:16:34	10.68	47.82	31.01	9.10	8.03	5.4	1.819	99.8
1221	3/25/2013 6:31:34	10.59	47.54	30.80	8.99	8.02	6.0	1.903	98.2
1222	3/25/2013 6:46:34	10.57	47.42	30.72	8.98	8.01	6.2	1.976	98.0
1223	3/25/2013 7:01:34	10.60	47.64	30.88	8.94	8.01	5.9	2.058	97.7
1224	3/25/2013 7:16:34	10.59	47.97	31.11	8.95	8.00	6.1	2.143	98.0
1225	3/25/2013 7:31:34	10.50	48.22	31.29	8.89	7.98	5.5	2.219	97.3
1226	3/25/2013 7:46:34	10.43	48.47	31.46	8.87	7.98	5.1	2.290	96.9
1227	3/25/2013 8:01:34	10.39	48.61	31.56	8.88	7.98	5.4	2.384	97.1
1228	3/25/2013 8:16:34	10.37	48.72	31.64	8.92	7.98	4.9	2.462	97.5
1229	3/25/2013 8:31:34	10.34	48.81	31.70	8.93	7.98	5.2	2.536	97.6
1230	3/25/2013 8:46:34	10.32	48.88	31.75	8.91	7.98	5.2	2.616	97.4
1231	3/25/2013 9:01:34	10.25	49.05	31.87	8.86	7.97	6.0	2.695	96.7
1232	3/25/2013 9:16:34	10.17	49.24	32.00	8.77	7.95	6.6	2.778	95.7
1233	3/25/2013 9:31:34	10.09	49.39	32.10	8.73	7.95	6.5	2.849	95.1
1234	3/25/2013 9:46:34	9.93	49.59	32.24	8.65	7.94	7.8	2.933	94.1
1235	3/25/2013 10:01:34	9.86	49.71	32.32	8.63	7.93	6.2	3.011	93.7
1236	3/25/2013 10:16:34	9.80	49.87	32.43	8.58	7.92	6.0	3.088	93.1
1237	3/25/2013 10:31:34	9.69	50.08	32.58	8.49	7.91	5.7	3.162	92.0
1238	3/25/2013 10:46:34	9.57	50.30	32.73	8.38	7.90	5.0	3.222	90.7
1239	3/25/2013 11:01:34	9.43	50.58	32.92	8.14	7.88	4.7	3.272	87.9
1240	3/25/2013 11:16:34	9.35	50.69	33.00	8.04	7.87	3.2	3.307	86.7
1241	3/25/2013 11:31:34	9.34	50.73	33.02	7.87	7.87	2.7	3.319	84.9
1242	3/25/2013 11:46:34	9.37	50.73	33.02	7.98	7.87	3.2	3.340	86.1
1243	3/25/2013 12:01:34	9.34	50.78	33.05	7.96	7.86	4.4	3.297	85.8
1244	3/25/2013 12:16:34	9.39	50.70	33.00	8.03	7.87	5.5	3.240	86.7
1245	3/25/2013 12:31:34	10.55	49.39	32.14	9.33	8.00	5.4	3.182	102.7
1246	3/25/2013 12:46:34	10.30	49.56	32.24	9.07	7.97	5.6	3.111	99.4
1247	3/25/2013 13:01:34	10.45	49.49	32.20	9.13	7.98	5.6	2.991	100.3
1248	3/25/2013 13:16:34	10.36	49.39	32.12	9.12	7.98	5.9	2.897	100.0
1249	3/25/2013 13:31:34	10.35	49.37	32.11	9.09	7.98	6.2	2.800	99.6
1250	3/25/2013 13:46:34	10.65	49.15	31.97	9.38	8.01	5.5	2.702	103.4
1251	3/25/2013 14:01:34	10.78	48.97	31.85	9.44	8.02	5.0	2.597	104.2
1252	3/25/2013 14:16:34	10.99	49.07	31.93	9.58	8.02	4.8	2.468	106.3
1253	3/25/2013 14:31:34	11.06	48.95	31.85	9.53	8.02	6.3	2.367	105.9
1254	3/25/2013 14:46:34	11.35	48.87	31.80	9.67	8.04	6.0	2.258	108.0
1255	3/25/2013 15:01:34	11.37	48.73	31.70	9.84	8.05	5.4	2.134	110.0
1256	3/25/2013 15:16:34	11.35	48.58	31.60	9.91	8.06	5.1	2.031	110.6
1257	3/25/2013 15:31:34	11.44	48.45	31.51	9.97	8.08	5.1	1.918	111.4
1258	3/25/2013 15:46:34	11.51	48.41	31.48	10.10	8.09	5.0	1.796	113.0
1259	3/25/2013 16:01:34	11.57	48.36	31.45	10.16	8.10	4.9	1.705	113.9
1260	3/25/2013 16:16:34	11.56	48.30	31.40	10.14	8.11	4.8	1.610	113.5
1261	3/25/2013 16:31:34	11.62	48.31	31.41	10.20	8.12	4.9	1.516	114.4
1262	3/25/2013 16:46:34	11.58	48.15	31.30	10.16	8.12	4.8	1.444	113.8
1263	3/25/2013 17:01:34	11.61	48.03	31.21	10.15	8.13	4.6	1.408	113.7
1264	3/25/2013 17:16:34	11.61	47.99	31.18	10.13	8.13	4.2	1.377	113.4

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1265	3/25/2013 17:31:34	11.61	48.02	31.20	9.91	8.12	4.2	1.375	111.0
1266	3/25/2013 17:46:34	11.61	47.98	31.17	10.11	8.13	3.8	1.403	113.2
1267	3/25/2013 18:01:34	11.60	47.99	31.18	10.12	8.12	4.0	1.454	113.2
1268	3/25/2013 18:16:34	11.58	47.92	31.13	10.04	8.12	4.0	1.510	112.3
1269	3/25/2013 18:31:34	11.56	47.91	31.12	9.99	8.11	4.1	1.580	111.7
1270	3/25/2013 18:46:34	11.54	47.67	30.95	9.85	8.10	4.6	1.664	110.0
1271	3/25/2013 19:01:34	11.52	47.76	31.01	9.85	8.10	4.2	1.750	110.0
1272	3/25/2013 19:16:34	11.49	47.74	30.99	9.77	8.09	4.4	1.830	109.0
1273	3/25/2013 19:31:34	11.47	47.80	31.03	9.74	8.08	4.3	1.921	108.6
1274	3/25/2013 19:46:34	11.44	47.90	31.11	9.74	8.08	4.3	2.018	108.6
1275	3/25/2013 20:01:34	11.32	48.11	31.26	9.61	8.06	4.2	2.100	106.9
1276	3/25/2013 20:16:34	11.22	48.17	31.29	9.52	8.05	4.7	2.198	105.8
1277	3/25/2013 20:31:34	10.98	48.54	31.54	9.29	8.02	4.6	2.301	102.8
1278	3/25/2013 20:46:34	10.91	48.69	31.65	9.23	8.01	4.8	2.391	102.1
1279	3/25/2013 21:01:34	10.84	48.78	31.71	9.19	8.00	5.6	2.479	101.5
1280	3/25/2013 21:16:34	10.78	48.86	31.76	9.16	8.00	6.2	2.577	101.1
1281	3/25/2013 21:31:34	10.66	49.01	31.87	9.06	7.99	7.5	2.664	99.9
1282	3/25/2013 21:46:34	10.57	49.10	31.93	8.98	7.98	7.6	2.753	98.7
1283	3/25/2013 22:01:34	10.38	49.35	32.09	8.85	7.96	8.9	2.851	97.1
1284	3/25/2013 22:16:34	10.28	49.49	32.19	8.77	7.95	9.0	2.934	96.1
1285	3/25/2013 22:31:34	10.15	49.67	32.32	8.66	7.93	7.2	3.023	94.6
1286	3/25/2013 22:46:34	9.88	50.18	32.66	8.31	7.90	7.6	3.112	90.5
1287	3/25/2013 23:01:34	9.74	50.44	32.84	8.09	7.88	6.7	3.190	87.9
1288	3/25/2013 23:16:34	9.62	50.62	32.97	7.95	7.87	5.9	3.269	86.2
1289	3/25/2013 23:31:34	9.59	50.68	33.00	7.88	7.87	4.9	3.322	85.4
1290	3/25/2013 23:46:34	9.52	50.80	33.09	7.77	7.86	3.9	3.366	84.2
1291	3/26/2013 0:01:34	9.51	50.83	33.11	7.60	7.86	3.1	3.398	82.3
1292	3/26/2013 0:16:34	9.68	50.51	32.89	7.87	7.88	4.2	3.403	85.5
1293	3/26/2013 0:31:34	9.55	50.78	33.07	7.75	7.86	5.0	3.380	84.0
1294	3/26/2013 0:46:34	9.51	50.85	33.12	7.69	7.86	5.4	3.333	83.2
1295	3/26/2013 1:01:34	10.09	49.68	32.32	8.46	7.93	6.5	3.256	92.4
1296	3/26/2013 1:16:34	10.03	49.84	32.43	8.36	7.92	5.4	3.172	91.2
1297	3/26/2013 1:31:34	9.90	50.03	32.56	8.30	7.91	5.9	3.074	90.4
1298	3/26/2013 1:46:34	10.06	49.79	32.39	8.41	7.93	6.3	2.965	91.8
1299	3/26/2013 2:01:34	10.13	49.66	32.30	8.47	7.93	5.8	2.847	92.5
1300	3/26/2013 2:16:34	10.18	49.57	32.24	8.50	7.93	5.4	2.745	92.9
1301	3/26/2013 2:31:34	10.28	49.38	32.11	8.58	7.94	6.1	2.636	93.9
1302	3/26/2013 2:46:34	10.28	49.34	32.08	8.65	7.95	5.6	2.522	94.6
1303	3/26/2013 3:01:34	10.36	49.20	31.99	8.75	7.96	7.6	2.407	95.8
1304	3/26/2013 3:16:34	10.32	49.19	31.98	8.77	7.96	6.0	2.299	96.0
1305	3/26/2013 3:31:34	10.56	48.77	31.68	8.81	7.99	6.3	2.194	96.7
1306	3/26/2013 3:46:34	10.47	48.80	31.71	8.86	7.98	6.4	2.067	97.1
1307	3/26/2013 4:01:34	10.57	48.61	31.57	8.94	8.00	6.7	1.955	98.1
1308	3/26/2013 4:16:34	10.61	48.45	31.46	8.92	8.01	5.9	1.860	97.9
1309	3/26/2013 4:31:34	10.75	48.28	31.35	9.05	8.02	5.6	1.750	99.6
1310	3/26/2013 4:46:34	10.75	48.30	31.36	9.04	8.02	5.6	1.647	99.4
1311	3/26/2013 5:01:34	10.81	48.20	31.29	9.05	8.03	5.6	1.568	99.7
1312	3/26/2013 5:16:34	10.88	48.11	31.23	9.08	8.04	5.7	1.522	100.1
1313	3/26/2013 5:31:34	10.90	47.99	31.15	9.14	8.05	5.6	1.485	100.8
1314	3/26/2013 5:46:34	10.96	47.99	31.15	9.10	8.06	4.5	1.448	100.5
1315	3/26/2013 6:01:34	10.87	48.09	31.22	8.94	8.04	4.0	1.456	98.6
1316	3/26/2013 6:16:34	10.95	48.03	31.18	9.17	8.05	3.9	1.495	101.3
1317	3/26/2013 6:31:34	10.95	47.99	31.15	9.18	8.05	4.3	1.564	101.3
1318	3/26/2013 6:46:34	10.93	47.95	31.12	9.20	8.05	4.5	1.611	101.4
1319	3/26/2013 7:01:34	10.84	47.69	30.93	9.08	8.04	5.2	1.698	99.8

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1320	3/26/2013 7:16:34	10.81	47.46	30.76	9.02	8.03	5.4	1.797	99.0
1321	3/26/2013 7:31:34	10.81	47.48	30.78	8.99	8.02	5.3	1.860	98.6
1322	3/26/2013 7:46:34	10.81	47.73	30.95	8.97	8.02	5.5	1.970	98.5
1323	3/26/2013 8:01:34	10.78	48.03	31.17	8.95	8.01	4.9	2.052	98.5
1324	3/26/2013 8:16:34	10.69	48.32	31.37	8.87	8.00	5.2	2.158	97.5
1325	3/26/2013 8:31:34	10.62	48.57	31.55	8.82	7.99	4.8	2.234	96.9
1326	3/26/2013 8:46:34	10.61	48.74	31.67	8.84	7.98	4.7	2.315	97.1
1327	3/26/2013 9:01:34	10.59	48.83	31.73	8.83	7.98	5.3	2.421	97.1
1328	3/26/2013 9:16:34	10.56	48.92	31.79	8.82	7.98	5.4	2.490	97.0
1329	3/26/2013 9:31:34	10.50	49.03	31.87	8.77	7.97	5.6	2.582	96.2
1330	3/26/2013 9:46:34	10.40	49.20	31.99	8.66	7.95	6.5	2.680	95.0
1331	3/26/2013 10:01:34	10.32	49.31	32.06	8.58	7.94	7.0	2.777	94.0
1332	3/26/2013 10:16:34	10.16	49.53	32.21	8.45	7.93	9.4	2.860	92.3
1333	3/26/2013 10:31:34	10.05	49.75	32.37	8.35	7.92	8.1	2.957	91.1
1334	3/26/2013 10:46:34	9.97	49.87	32.45	8.28	7.91	8.4	3.035	90.3
1335	3/26/2013 11:01:34	9.78	50.21	32.68	8.10	7.89	8.7	3.108	88.0
1336	3/26/2013 11:16:34	9.60	50.51	32.88	7.87	7.86	7.5	3.195	85.3
1337	3/26/2013 11:31:34	9.48	50.73	33.03	7.70	7.85	6.3	3.272	83.3
1338	3/26/2013 11:46:34	9.43	50.82	33.09	7.64	7.84	5.1	3.317	82.6
1339	3/26/2013 12:01:34	9.40	50.87	33.13	7.56	7.84	4.5	3.353	81.7
1340	3/26/2013 12:16:34	9.40	50.90	33.15	7.51	7.84	3.0	3.373	81.2
1341	3/26/2013 12:31:34	9.48	50.79	33.08	7.64	7.85	4.2	3.394	82.6
1342	3/26/2013 12:46:34	9.44	50.88	33.14	7.54	7.84	5.8	3.363	81.6
1343	3/26/2013 13:01:34	9.44	50.88	33.14	7.54	7.84	6.6	3.311	81.5
1344	3/26/2013 13:16:34	10.29	50.08	32.62	8.52	7.93	6.1	3.240	93.6
1345	3/26/2013 13:31:34	10.54	49.95	32.54	8.56	7.93	6.5	3.149	94.5
1346	3/26/2013 13:46:34	10.57	50.09	32.65	8.45	7.92	5.0	3.043	93.4
1347	3/26/2013 14:01:34	10.79	49.66	32.35	8.82	7.96	5.3	2.934	97.7
1348	3/26/2013 14:16:34	10.83	49.52	32.24	9.01	7.98	5.1	2.848	99.8
1349	3/26/2013 14:31:34	10.97	49.40	32.16	9.19	7.99	4.6	2.731	102.1
1350	3/26/2013 14:46:34	11.13	49.20	32.03	9.41	8.02	4.9	2.624	104.9
1351	3/26/2013 15:01:34	11.23	49.05	31.93	9.47	8.02	5.4	2.517	105.6
1352	3/26/2013 15:16:34	11.33	48.92	31.84	9.43	8.03	5.9	2.401	105.4
1353	3/26/2013 15:31:34	11.44	48.89	31.82	9.61	8.04	5.6	2.289	107.6
1354	3/26/2013 15:46:34	11.58	48.64	31.65	9.82	8.06	6.1	2.187	110.2
1355	3/26/2013 16:01:34	11.73	48.67	31.68	9.97	8.08	5.1	2.068	112.2
1356	3/26/2013 16:16:34	11.91	48.67	31.69	10.14	8.09	4.8	1.938	114.7
1357	3/26/2013 16:31:34	11.95	48.51	31.57	10.16	8.10	4.4	1.839	114.9
1358	3/26/2013 16:46:34	12.09	48.47	31.55	10.24	8.11	4.4	1.746	116.1
1359	3/26/2013 17:01:34	12.24	48.44	31.53	10.40	8.13	4.3	1.631	118.2
1360	3/26/2013 17:16:34	12.29	48.31	31.44	10.40	8.13	4.2	1.553	118.3
1361	3/26/2013 17:31:34	12.25	48.13	31.31	10.32	8.13	4.0	1.491	117.2
1362	3/26/2013 17:46:34	12.43	48.08	31.28	10.37	8.15	3.8	1.448	118.2
1363	3/26/2013 18:01:34	12.40	48.05	31.26	10.35	8.15	3.5	1.418	117.8
1364	3/26/2013 18:16:34	12.40	48.12	31.31	10.20	8.14	3.2	1.434	116.2
1365	3/26/2013 18:31:34	12.32	48.03	31.24	10.29	8.14	3.6	1.482	117.0
1366	3/26/2013 18:46:34	12.23	48.06	31.26	10.20	8.13	3.6	1.520	115.7
1367	3/26/2013 19:01:34	12.21	48.01	31.22	10.13	8.12	3.9	1.606	114.9
1368	3/26/2013 19:16:34	12.26	47.71	31.01	9.96	8.11	4.5	1.685	112.9
1369	3/26/2013 19:31:33	12.23	47.71	31.01	9.95	8.10	4.5	1.784	112.8
1370	3/26/2013 19:46:34	12.19	47.72	31.02	9.85	8.09	4.6	1.879	111.5
1371	3/26/2013 20:01:34	12.06	47.97	31.19	9.92	8.09	4.7	1.970	112.1
1372	3/26/2013 20:16:34	11.92	48.19	31.34	9.84	8.08	4.2	2.070	111.0
1373	3/26/2013 20:31:34	11.69	48.46	31.53	9.56	8.05	4.4	2.166	107.4
1374	3/26/2013 20:46:34	11.48	48.67	31.66	9.35	8.02	4.5	2.256	104.7

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1375	3/26/2013 21:01:34	11.34	48.79	31.75	9.20	8.01	4.8	2.354	102.8
1376	3/26/2013 21:16:34	11.30	48.84	31.78	9.18	8.01	5.1	2.458	102.4
1377	3/26/2013 21:31:34	11.23	48.96	31.86	9.12	8.00	5.7	2.549	101.7
1378	3/26/2013 21:46:34	11.13	49.11	31.97	9.03	7.99	6.6	2.644	100.5
1379	3/26/2013 22:01:34	10.98	49.29	32.09	8.87	7.97	7.2	2.737	98.6
1380	3/26/2013 22:16:34	10.79	49.54	32.26	8.71	7.95	9.6	2.841	96.5
1381	3/26/2013 22:31:34	10.59	49.80	32.44	8.56	7.93	10.4	2.937	94.5
1382	3/26/2013 22:46:34	10.46	49.96	32.54	8.44	7.92	10.3	3.034	93.0
1383	3/26/2013 23:01:34	10.22	50.28	32.76	8.31	7.90	10.4	3.138	91.2
1384	3/26/2013 23:16:34	9.95	50.64	33.00	8.13	7.87	10.9	3.231	88.9
1385	3/26/2013 23:31:34	9.82	50.82	33.13	8.06	7.86	8.5	3.320	87.9
1386	3/26/2013 23:46:34	9.75	50.91	33.18	8.00	7.86	7.6	3.404	87.2
1387	3/27/2013 0:01:34	9.71	50.95	33.21	7.97	7.85	5.2	3.474	86.7
1388	3/27/2013 0:16:34	9.62	51.02	33.25	7.89	7.84	5.4	3.514	85.8
1389	3/27/2013 0:31:34	9.59	51.10	33.31	7.80	7.84	4.0	3.547	84.7
1390	3/27/2013 0:46:34	9.78	50.89	33.17	7.91	7.86	5.9	3.557	86.2
1391	3/27/2013 1:01:34	9.72	50.96	33.21	7.87	7.85	5.3	3.537	85.7
1392	3/27/2013 1:16:34	9.61	51.08	33.29	7.84	7.84	6.1	3.486	85.2
1393	3/27/2013 1:31:34	10.28	50.22	32.72	8.25	7.90	7.7	3.428	90.6
1394	3/27/2013 1:46:34	10.49	49.92	32.52	8.30	7.92	5.3	3.322	91.5
1395	3/27/2013 2:01:34	10.27	50.20	32.71	8.32	7.91	5.5	3.210	91.3
1396	3/27/2013 2:16:34	10.32	50.17	32.69	8.30	7.91	5.4	3.110	91.2
1397	3/27/2013 2:31:34	10.45	49.99	32.56	8.33	7.92	5.9	2.991	91.7
1398	3/27/2013 2:46:34	10.43	50.00	32.57	8.35	7.91	5.6	2.864	92.0
1399	3/27/2013 3:01:34	10.68	49.65	32.33	8.38	7.93	5.4	2.750	92.7
1400	3/27/2013 3:16:34	10.70	49.62	32.31	8.39	7.93	5.5	2.636	92.8
1401	3/27/2013 3:31:34	10.78	49.52	32.24	8.52	7.94	5.7	2.520	94.3
1402	3/27/2013 3:46:34	10.76	49.48	32.21	8.55	7.94	5.1	2.385	94.6
1403	3/27/2013 4:01:34	11.01	49.09	31.95	8.60	7.97	5.9	2.261	95.5
1404	3/27/2013 4:16:34	11.05	49.00	31.88	8.64	7.98	5.6	2.150	96.0
1405	3/27/2013 4:31:34	11.36	48.62	31.62	8.86	8.00	6.5	2.018	98.9
1406	3/27/2013 4:46:34	11.42	48.54	31.57	8.97	8.01	7.3	1.882	100.3
1407	3/27/2013 5:01:34	11.46	48.53	31.56	8.97	8.01	7.0	1.759	100.3
1408	3/27/2013 5:16:34	11.45	48.56	31.59	9.00	8.01	6.1	1.646	100.7
1409	3/27/2013 5:31:34	11.63	48.34	31.43	9.13	8.03	5.9	1.531	102.4
1410	3/27/2013 5:46:34	11.76	48.22	31.36	9.22	8.05	5.6	1.442	103.7
1411	3/27/2013 6:01:34	11.83	48.12	31.28	9.24	8.05	6.4	1.374	104.0
1412	3/27/2013 6:16:34	11.91	48.00	31.21	9.30	8.06	5.3	1.323	104.8
1413	3/27/2013 6:31:34	11.95	47.97	31.19	9.29	8.07	5.0	1.309	104.7
1414	3/27/2013 6:46:34	11.87	48.05	31.23	9.20	8.05	5.0	1.326	103.6
1415	3/27/2013 7:01:34	11.90	48.01	31.21	9.30	8.06	4.2	1.358	104.8
1416	3/27/2013 7:16:34	11.90	47.97	31.18	9.32	8.06	4.1	1.421	105.0
1417	3/27/2013 7:31:34	11.89	47.99	31.20	9.32	8.06	4.4	1.509	104.9
1418	3/27/2013 7:46:34	11.85	47.58	30.90	9.14	8.04	5.4	1.597	102.7
1419	3/27/2013 8:01:34	11.85	47.50	30.84	9.09	8.04	5.4	1.695	102.1
1420	3/27/2013 8:16:34	11.82	47.58	30.90	9.06	8.03	5.2	1.790	101.7
1421	3/27/2013 8:31:34	11.74	47.88	31.11	9.04	8.03	5.6	1.894	101.5
1422	3/27/2013 8:46:34	11.65	48.13	31.29	9.02	8.02	4.8	1.991	101.1
1423	3/27/2013 9:01:34	11.45	48.48	31.53	8.90	8.00	5.0	2.091	99.5
1424	3/27/2013 9:16:34	11.33	48.69	31.67	8.82	7.99	5.2	2.193	98.4
1425	3/27/2013 9:31:34	11.27	48.87	31.80	8.82	7.98	5.4	2.286	98.4
1426	3/27/2013 9:46:34	11.24	48.94	31.85	8.82	7.98	5.3	2.378	98.4
1427	3/27/2013 10:01:34	11.19	48.95	31.85	8.79	7.97	5.4	2.478	97.9
1428	3/27/2013 10:16:34	11.07	49.17	32.01	8.69	7.96	7.0	2.570	96.7
1429	3/27/2013 10:31:34	10.94	49.35	32.13	8.61	7.95	7.3	2.665	95.6

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1430	3/27/2013 10:46:34	10.85	49.39	32.15	8.56	7.94	8.3	2.764	94.8
1431	3/27/2013 11:01:34	10.67	49.66	32.34	8.47	7.92	9.0	2.856	93.6
1432	3/27/2013 11:16:34	10.57	49.83	32.45	8.43	7.91	9.4	2.961	93.1
1433	3/27/2013 11:31:34	10.32	50.14	32.67	8.35	7.90	10.7	3.040	91.8
1434	3/27/2013 11:46:34	10.11	50.47	32.89	8.33	7.88	10.3	3.130	91.2
1435	3/27/2013 12:01:34	10.01	50.58	32.96	8.27	7.88	8.4	3.204	90.5
1436	3/27/2013 12:16:34	9.94	50.68	33.03	8.25	7.87	7.5	3.282	90.1
1437	3/27/2013 12:31:34	9.92	50.75	33.08	8.24	7.87	4.8	3.358	90.0
1438	3/27/2013 12:46:34	9.88	50.82	33.13	8.23	7.87	4.7	3.397	89.9
1439	3/27/2013 13:01:34	9.84	50.85	33.15	8.14	7.87	3.4	3.431	88.8
1440	3/27/2013 13:16:34	10.01	50.71	33.06	8.24	7.88	5.0	3.437	90.2
1441	3/27/2013 13:31:34	9.91	50.83	33.13	8.21	7.87	6.0	3.413	89.8
1442	3/27/2013 13:46:34	9.93	50.82	33.13	8.24	7.87	6.7	3.365	90.0
1443	3/27/2013 14:01:34	10.18	50.61	32.99	8.37	7.90	6.7	3.293	91.9
1444	3/27/2013 14:16:34	10.96	50.01	32.61	8.93	7.95	5.9	3.217	99.5
1445	3/27/2013 14:31:34	10.93	50.12	32.69	8.80	7.94	5.5	3.104	98.0
1446	3/27/2013 14:46:34	11.17	49.82	32.48	8.95	7.96	5.0	2.991	100.1
1447	3/27/2013 15:01:34	11.35	49.60	32.34	9.16	7.98	4.9	2.879	102.7
1448	3/27/2013 15:16:34	11.35	49.58	32.32	9.24	7.99	4.8	2.776	103.6
1449	3/27/2013 15:31:34	11.47	49.49	32.26	9.34	8.00	4.7	2.679	105.0
1450	3/27/2013 15:46:34	11.61	49.32	32.15	9.40	8.02	4.6	2.570	105.8
1451	3/27/2013 16:01:34	11.80	49.08	31.98	9.41	8.02	7.2	2.450	106.3
1452	3/27/2013 16:16:34	11.95	49.04	31.96	9.56	8.04	5.7	2.335	108.3
1453	3/27/2013 16:31:34	12.17	48.79	31.79	9.78	8.06	5.1	2.221	111.2
1454	3/27/2013 16:46:34	12.22	48.83	31.82	9.93	8.07	4.5	2.115	113.1
1455	3/27/2013 17:01:34	12.47	48.66	31.71	10.08	8.09	4.3	2.007	115.3
1456	3/27/2013 17:16:34	12.63	48.52	31.61	10.16	8.10	4.8	1.901	116.5
1457	3/27/2013 17:31:34	12.76	48.45	31.56	10.31	8.11	4.2	1.802	118.5
1458	3/27/2013 17:46:34	12.90	48.43	31.55	10.38	8.13	4.2	1.718	119.6
1459	3/27/2013 18:01:33	13.06	48.09	31.31	10.36	8.13	4.2	1.634	119.7
1460	3/27/2013 18:16:34	13.12	48.15	31.36	10.30	8.14	3.8	1.578	119.2
1461	3/27/2013 18:31:34	13.19	48.06	31.30	10.29	8.14	4.2	1.549	119.1
1462	3/27/2013 18:46:34	13.14	48.13	31.34	10.03	8.13	3.6	1.533	116.1
1463	3/27/2013 19:01:34	13.10	48.09	31.32	10.23	8.14	3.5	1.552	118.3
1464	3/27/2013 19:16:34	13.02	48.02	31.26	10.19	8.13	3.9	1.614	117.5
1465	3/27/2013 19:31:34	12.94	48.05	31.28	10.07	8.12	4.4	1.669	116.0
1466	3/27/2013 19:46:34	12.88	48.05	31.28	10.05	8.11	4.5	1.753	115.6
1467	3/27/2013 20:01:34	13.13	47.50	30.89	9.76	8.09	6.2	1.846	112.6
1468	3/27/2013 20:16:34	12.89	47.88	31.16	9.83	8.09	5.3	1.950	113.0
1469	3/27/2013 20:31:34	12.77	48.07	31.29	9.85	8.09	4.7	2.045	113.1
1470	3/27/2013 20:46:34	12.66	44.28	28.56	9.96	8.08	4.1	2.144	112.1
1471	3/27/2013 21:01:34	12.30	44.12	28.43	9.71	8.05	4.4	2.249	108.4
1472	3/27/2013 21:16:34	11.97	48.85	31.82	9.27	8.01	4.8	2.341	105.0
1473	3/27/2013 21:31:34	11.83	48.96	31.89	9.14	8.00	4.8	2.440	103.2
1474	3/27/2013 21:46:34	11.75	49.10	31.99	9.11	8.00	5.1	2.529	102.8
1475	3/27/2013 22:01:34	11.68	49.18	32.04	9.07	7.99	5.7	2.629	102.2
1476	3/27/2013 22:16:34	11.51	49.29	32.12	8.99	7.98	6.5	2.732	101.0
1477	3/27/2013 22:31:34	11.40	49.49	32.26	8.91	7.97	7.5	2.824	100.0
1478	3/27/2013 22:46:34	11.20	49.68	32.38	8.84	7.95	9.0	2.933	98.8
1479	3/27/2013 23:01:34	10.97	49.95	32.57	8.78	7.93	9.3	3.036	97.8
1480	3/27/2013 23:16:34	10.75	50.17	32.71	8.75	7.92	9.6	3.132	97.1
1481	3/27/2013 23:31:34	10.41	50.53	32.95	8.74	7.90	9.4	3.248	96.4
1482	3/27/2013 23:46:34	10.25	50.71	33.07	8.73	7.90	9.1	3.353	96.1
1483	3/28/2013 0:01:34	10.14	50.79	33.12	8.72	7.89	9.7	3.456	95.7
1484	3/28/2013 0:16:34	10.07	50.90	33.20	8.73	7.89	7.1	3.538	95.7

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1485	3/28/2013 0:31:34	10.04	50.96	33.24	8.71	7.90	5.0	3.610	95.5
1486	3/28/2013 0:46:34	9.94	51.00	33.26	8.79	7.90	5.3	3.678	96.2
1487	3/28/2013 1:01:34	9.90	51.02	33.27	8.82	7.91	3.5	3.703	96.4
1488	3/28/2013 1:16:34	10.18	50.79	33.13	8.66	7.91	4.4	3.717	95.2
1489	3/28/2013 1:31:34	10.10	50.88	33.19	8.65	7.90	4.8	3.705	95.0
1490	3/28/2013 1:46:34	10.05	50.89	33.19	8.72	7.90	6.7	3.651	95.6
1491	3/28/2013 2:01:34	10.01	50.92	33.21	8.77	7.90	6.7	3.571	96.1
1492	3/28/2013 2:16:34	10.64	50.26	32.77	8.71	7.93	7.2	3.465	96.5
1493	3/28/2013 2:31:34	10.51	50.43	32.88	8.72	7.93	5.1	3.353	96.4
1494	3/28/2013 2:46:34	10.70	50.20	32.73	8.72	7.93	5.5	3.235	96.7
1495	3/28/2013 3:01:34	10.77	50.07	32.64	8.70	7.93	8.3	3.115	96.5
1496	3/28/2013 3:16:34	10.84	50.05	32.63	8.65	7.93	5.7	2.981	96.2
1497	3/28/2013 3:31:34	10.99	49.86	32.50	8.67	7.94	6.0	2.855	96.6
1498	3/28/2013 3:46:34	10.94	49.93	32.55	8.67	7.93	5.7	2.742	96.5
1499	3/28/2013 4:01:34	11.15	49.69	32.39	8.70	7.95	5.4	2.608	97.2
1500	3/28/2013 4:16:34	10.94	49.93	32.55	8.72	7.94	5.1	2.473	97.1
1501	3/28/2013 4:31:34	11.73	48.97	31.89	8.84	8.00	6.2	2.333	99.6
1502	3/28/2013 4:46:34	11.58	49.13	32.00	8.94	7.98	6.2	2.207	100.5
1503	3/28/2013 5:01:34	11.79	48.94	31.88	8.98	8.00	8.4	2.061	101.4
1504	3/28/2013 5:16:34	11.87	48.88	31.84	9.00	8.00	8.3	1.931	101.8
1505	3/28/2013 5:31:34	11.93	48.83	31.80	8.96	8.01	7.7	1.799	101.4
1506	3/28/2013 5:46:34	12.13	48.63	31.67	9.02	8.03	7.3	1.650	102.4
1507	3/28/2013 6:01:34	12.24	48.50	31.58	9.07	8.04	7.8	1.518	103.2
1508	3/28/2013 6:16:34	12.35	48.37	31.49	9.13	8.04	7.4	1.400	104.0
1509	3/28/2013 6:31:34	12.51	48.19	31.37	9.20	8.06	6.3	1.281	105.1
1510	3/28/2013 6:46:34	12.62	48.06	31.27	9.21	8.07	6.7	1.219	105.4
1511	3/28/2013 7:01:34	12.68	48.01	31.24	9.20	8.07	5.4	1.169	105.4
1512	3/28/2013 7:16:34	12.68	48.00	31.24	9.16	8.06	5.6	1.152	104.9
1513	3/28/2013 7:31:34	12.63	48.03	31.25	9.14	8.06	4.7	1.184	104.5
1514	3/28/2013 7:46:34	12.58	48.06	31.27	9.14	8.06	5.1	1.236	104.5
1515	3/28/2013 8:01:34	12.56	48.07	31.28	9.18	8.06	4.7	1.320	104.9
1516	3/28/2013 8:16:34	12.55	48.12	31.32	9.21	8.06	4.4	1.411	105.3
1517	3/28/2013 8:31:34	12.56	47.67	30.99	9.04	8.04	5.5	1.509	103.1
1518	3/28/2013 8:46:34	12.55	47.65	30.98	9.03	8.04	5.3	1.614	102.9
1519	3/28/2013 9:01:34	12.51	47.69	31.00	8.99	8.04	5.6	1.706	102.4
1520	3/28/2013 9:16:34	12.45	47.95	31.19	8.98	8.03	5.6	1.803	102.4
1521	3/28/2013 9:31:34	12.35	48.18	31.35	9.01	8.03	5.0	1.900	102.6
1522	3/28/2013 9:46:34	12.10	48.56	31.61	8.92	8.01	5.0	2.006	101.2
1523	3/28/2013 10:01:34	11.92	48.80	31.78	8.86	7.99	5.4	2.114	100.2
1524	3/28/2013 10:16:34	11.87	48.92	31.87	8.87	7.99	5.3	2.219	100.3
1525	3/28/2013 10:31:34	11.86	48.98	31.91	8.88	7.99	5.2	2.321	100.4
1526	3/28/2013 10:46:34	11.80	49.06	31.97	8.88	7.99	5.6	2.424	100.3
1527	3/28/2013 11:01:34	11.69	49.18	32.05	8.83	7.98	6.4	2.530	99.6
1528	3/28/2013 11:16:34	11.56	49.30	32.13	8.81	7.97	6.7	2.622	99.1
1529	3/28/2013 11:31:34	11.47	49.39	32.18	8.78	7.96	7.3	2.710	98.6
1530	3/28/2013 11:46:34	11.29	49.54	32.28	8.77	7.95	8.6	2.808	98.2
1531	3/28/2013 12:01:34	11.13	49.69	32.39	8.78	7.94	9.0	2.910	98.1
1532	3/28/2013 12:16:34	10.92	49.91	32.53	8.83	7.94	9.1	3.003	98.2
1533	3/28/2013 12:31:34	10.70	50.17	32.71	8.91	7.93	9.2	3.083	98.8
1534	3/28/2013 12:46:34	10.61	50.28	32.78	8.93	7.93	8.1	3.174	98.9
1535	3/28/2013 13:01:34	10.56	50.34	32.82	8.95	7.94	7.6	3.256	99.0
1536	3/28/2013 13:16:34	10.50	50.42	32.88	8.97	7.94	5.4	3.314	99.1
1537	3/28/2013 13:31:34	10.46	50.44	32.89	9.00	7.95	4.2	3.354	99.4
1538	3/28/2013 13:46:34	10.44	50.46	32.90	8.92	7.95	3.5	3.389	98.5
1539	3/28/2013 14:01:34	10.67	50.32	32.82	9.00	7.95	4.3	3.401	99.8

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1540	3/28/2013 14:16:34	10.51	50.43	32.88	8.97	7.94	5.8	3.368	99.2
1541	3/28/2013 14:31:34	10.49	50.42	32.88	9.01	7.95	6.7	3.321	99.6
1542	3/28/2013 14:46:34	10.57	50.39	32.86	9.01	7.95	6.2	3.254	99.7
1543	3/28/2013 15:01:34	11.57	49.80	32.49	9.40	8.00	6.7	3.163	106.0
1544	3/28/2013 15:16:34	11.30	49.98	32.61	9.31	7.98	5.5	3.060	104.5
1545	3/28/2013 15:31:34	11.69	49.67	32.40	9.46	8.01	5.7	2.958	106.9
1546	3/28/2013 15:46:34	11.65	49.60	32.35	9.48	8.01	5.2	2.859	107.0
1547	3/28/2013 16:01:34	11.84	49.50	32.28	9.59	8.02	5.1	2.756	108.6
1548	3/28/2013 16:16:34	11.90	49.43	32.24	9.62	8.03	5.0	2.652	109.1
1549	3/28/2013 16:31:34	12.12	49.22	32.10	9.65	8.04	5.0	2.545	109.9
1550	3/28/2013 16:46:34	12.19	49.17	32.06	9.62	8.04	6.2	2.438	109.6
1551	3/28/2013 17:01:34	12.36	49.04	31.98	9.73	8.05	5.1	2.346	111.2
1552	3/28/2013 17:16:34	12.62	48.83	31.84	9.88	8.08	5.0	2.239	113.5
1553	3/28/2013 17:31:34	12.70	48.79	31.81	10.09	8.09	4.3	2.131	116.1
1554	3/28/2013 17:46:34	12.80	48.79	31.82	10.21	8.11	4.2	2.032	117.7
1555	3/28/2013 18:01:34	13.03	48.59	31.68	10.32	8.13	4.5	1.942	119.4
1556	3/28/2013 18:16:34	13.06	48.58	31.67	10.34	8.13	4.1	1.843	119.7
1557	3/28/2013 18:31:34	13.17	48.48	31.60	10.33	8.14	4.2	1.756	119.8
1558	3/28/2013 18:46:34	13.32	48.36	31.52	10.32	8.14	4.3	1.719	120.0
1559	3/28/2013 19:01:34	13.34	48.31	31.48	10.25	8.14	4.0	1.663	119.2
1560	3/28/2013 19:16:33	13.46	48.26	31.45	10.24	8.14	3.7	1.637	119.3
1561	3/28/2013 19:31:34	13.45	48.26	31.45	9.96	8.14	3.4	1.658	116.1
1562	3/28/2013 19:46:33	13.33	48.30	31.48	10.17	8.13	3.2	1.696	118.2
1563	3/28/2013 20:01:33	13.32	48.28	31.46	10.07	8.12	3.2	1.745	117.0
1564	3/28/2013 20:16:33	13.31	48.22	31.41	10.03	8.12	3.7	1.813	116.5
1565	3/28/2013 20:31:33	13.34	48.14	31.36	9.90	8.10	4.7	1.903	115.0
1566	3/28/2013 20:46:33	13.47	47.85	31.15	9.79	8.09	5.3	2.001	113.9
1567	3/28/2013 21:01:33	13.29	48.00	31.26	9.77	8.09	4.5	2.097	113.4
1568	3/28/2013 21:16:33	13.04	48.38	31.52	9.76	8.08	4.0	2.194	112.8
1569	3/28/2013 21:31:34	12.67	48.74	31.77	9.61	8.05	4.1	2.293	110.4
1570	3/28/2013 21:46:34	12.43	48.92	31.89	9.42	8.03	4.2	2.389	107.8
1571	3/28/2013 22:01:34	12.10	49.17	32.05	9.22	8.01	4.5	2.480	104.8
1572	3/28/2013 22:16:34	12.02	49.25	32.11	9.18	8.00	4.6	2.576	104.3
1573	3/28/2013 22:31:34	11.93	49.36	32.18	9.18	8.00	5.3	2.670	104.1
1574	3/28/2013 22:46:34	11.85	49.43	32.23	9.19	7.99	5.9	2.768	104.1
1575	3/28/2013 23:01:34	11.65	49.59	32.34	9.17	7.99	6.4	2.863	103.6
1576	3/28/2013 23:16:34	11.50	49.69	32.41	9.16	7.98	7.2	2.963	103.1
1577	3/28/2013 23:31:34	11.24	49.87	32.52	9.21	7.98	8.4	3.065	103.1
1578	3/28/2013 23:46:34	11.03	50.07	32.66	9.25	7.98	8.7	3.173	103.3
1579	3/29/2013 0:01:34	10.78	50.24	32.76	9.34	7.98	8.1	3.276	103.7
1580	3/29/2013 0:16:34	10.56	50.45	32.90	9.48	7.99	7.7	3.377	104.9
1581	3/29/2013 0:31:34	10.44	50.52	32.95	9.53	8.00	7.3	3.472	105.2
1582	3/29/2013 0:46:34	10.35	50.60	33.00	9.61	8.00	7.2	3.554	105.9
1583	3/29/2013 1:01:34	10.30	50.66	33.04	9.63	8.01	5.5	3.635	106.1
1584	3/29/2013 1:16:34	10.17	50.67	33.04	9.63	8.02	4.7	3.693	105.8
1585	3/29/2013 1:31:34	10.12	50.78	33.11	9.57	8.02	3.1	3.731	105.0
1586	3/29/2013 1:46:34	10.08	50.79	33.12	9.48	8.01	2.8	3.761	104.0
1587	3/29/2013 2:01:34	10.27	50.66	33.04	9.43	8.01	4.0	3.761	103.8
1588	3/29/2013 2:16:34	10.23	50.70	33.06	9.52	8.01	4.2	3.720	104.7
1589	3/29/2013 2:31:34	10.21	50.71	33.07	9.50	8.01	5.1	3.663	104.5
1590	3/29/2013 2:46:34	10.64	50.37	32.85	9.33	7.99	5.9	3.576	103.4
1591	3/29/2013 3:01:34	10.54	50.43	32.88	9.47	8.01	5.3	3.468	104.7
1592	3/29/2013 3:16:34	10.70	50.30	32.80	9.40	8.00	4.7	3.356	104.3
1593	3/29/2013 3:31:34	11.04	50.01	32.62	9.20	7.99	8.1	3.226	102.6
1594	3/29/2013 3:46:34	11.11	49.94	32.57	9.12	7.99	5.6	3.104	101.9

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1595	3/29/2013 4:01:34	11.13	49.95	32.58	9.06	7.98	5.3	2.974	101.2
1596	3/29/2013 4:16:34	11.42	49.64	32.37	9.04	7.99	5.5	2.844	101.5
1597	3/29/2013 4:31:34	11.60	49.48	32.26	9.08	8.00	6.6	2.706	102.3
1598	3/29/2013 4:46:34	11.70	49.41	32.21	9.11	8.00	6.2	2.573	102.9
1599	3/29/2013 5:01:34	11.59	49.47	32.25	9.08	8.00	5.4	2.437	102.3
1600	3/29/2013 5:16:34	11.30	49.66	32.37	9.21	7.99	5.9	2.313	103.2
1601	3/29/2013 5:31:34	12.23	48.86	31.84	9.10	8.03	6.8	2.146	103.7
1602	3/29/2013 5:46:34	12.08	49.00	31.93	9.01	8.02	7.0	2.015	102.3
1603	3/29/2013 6:01:34	11.84	49.17	32.04	8.96	8.01	6.6	1.865	101.4
1604	3/29/2013 6:16:34	12.12	48.89	31.86	8.98	8.02	7.3	1.720	102.1
1605	3/29/2013 6:31:34	12.37	48.68	31.71	9.04	8.04	7.0	1.566	103.2
1606	3/29/2013 6:46:34	12.54	48.57	31.64	9.09	8.04	7.0	1.433	104.0
1607	3/29/2013 7:01:34	12.67	48.41	31.53	9.09	8.05	6.9	1.304	104.3
1608	3/29/2013 7:16:34	12.78	48.33	31.48	9.09	8.06	7.2	1.196	104.4
1609	3/29/2013 7:31:34	12.90	48.23	31.41	9.05	8.07	7.5	1.123	104.3
1610	3/29/2013 7:46:34	12.99	48.15	31.36	9.00	8.07	6.4	1.080	103.8
1611	3/29/2013 8:01:34	12.83	48.22	31.40	8.86	8.05	6.5	1.078	101.9
1612	3/29/2013 8:16:34	12.89	48.22	31.40	9.01	8.06	5.3	1.117	103.7
1613	3/29/2013 8:31:34	12.86	48.23	31.40	9.04	8.06	4.8	1.192	104.1
1614	3/29/2013 8:46:34	12.91	48.25	31.42	9.09	8.06	4.9	1.274	104.8
1615	3/29/2013 9:01:34	12.89	48.28	31.44	9.11	8.06	4.5	1.357	105.0
1616	3/29/2013 9:16:34	12.90	47.84	31.13	8.97	8.04	5.3	1.451	103.1
1617	3/29/2013 9:31:34	12.85	47.95	31.20	8.96	8.04	5.1	1.550	103.0
1618	3/29/2013 9:46:34	12.81	47.95	31.20	8.91	8.04	4.9	1.637	102.4
1619	3/29/2013 10:01:34	12.78	47.94	31.20	8.90	8.03	4.8	1.729	102.1
1620	3/29/2013 10:16:33	12.74	48.14	31.34	8.92	8.03	5.0	1.824	102.4
1621	3/29/2013 10:31:34	12.68	48.31	31.46	8.96	8.03	4.7	1.925	102.7
1622	3/29/2013 10:46:34	12.37	48.72	31.74	8.95	8.01	4.8	2.029	102.2
1623	3/29/2013 11:01:34	12.31	48.88	31.86	8.97	8.01	5.0	2.133	102.4
1624	3/29/2013 11:16:33	12.28	48.91	31.88	9.00	8.01	4.8	2.232	102.6
1625	3/29/2013 11:31:33	12.27	48.98	31.93	9.01	8.00	5.1	2.342	102.8
1626	3/29/2013 11:46:33	12.22	49.06	31.98	9.03	8.00	6.1	2.453	103.0
1627	3/29/2013 12:01:33	12.08	49.17	32.05	9.03	8.00	6.1	2.537	102.7
1628	3/29/2013 12:16:33	11.97	49.24	32.10	9.02	7.99	6.2	2.638	102.4
1629	3/29/2013 12:31:33	11.84	49.30	32.14	9.08	7.99	7.5	2.735	102.8
1630	3/29/2013 12:46:34	11.72	49.55	32.31	9.16	7.99	8.4	2.821	103.5
1631	3/29/2013 13:01:34	11.58	49.66	32.38	9.18	7.99	7.6	2.909	103.5
1632	3/29/2013 13:16:34	11.15	49.95	32.57	9.23	7.99	8.1	2.991	103.2
1633	3/29/2013 13:31:34	10.96	50.18	32.73	9.25	8.00	8.2	3.075	103.2
1634	3/29/2013 13:46:34	10.91	50.26	32.78	9.24	8.00	6.5	3.141	102.9
1635	3/29/2013 14:01:34	10.87	50.31	32.82	9.25	8.00	4.6	3.207	103.0
1636	3/29/2013 14:16:34	10.82	50.35	32.85	9.25	8.00	4.4	3.258	102.9
	Mean	11.02	48.48	31.50	9.05	8.00	5.71	2.44	100.29
	Minimum	8.11	44.12	28.43	7.51	7.84	2.30	1.08	81.20
	Maximum	13.47	51.10	33.31	10.79	8.16	29.40	3.76	122.00

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

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	3/29/2013 14:45:49	11.60	49.29	32.12	10.02	8.03	4.4	3.404	112.8
1	3/29/2013 15:00:50	10.99	50.01	32.61	9.62	8.02	3.5	3.389	107.2
2	3/29/2013 15:15:50	10.96	50.11	32.68	9.61	8.03	3.8	3.353	107.1
3	3/29/2013 15:30:50	11.00	50.07	32.66	9.58	8.03	4.6	3.288	106.9
4	3/29/2013 15:45:50	12.23	49.69	32.44	10.06	8.08	5.7	3.206	115.1
5	3/29/2013 16:00:50	12.10	49.93	32.61	9.99	8.07	4.8	3.118	114.0
6	3/29/2013 16:15:50	12.31	49.71	32.46	9.98	8.08	4.9	3.014	114.3
7	3/29/2013 16:30:50	12.63	49.34	32.21	10.13	8.09	5.0	2.913	116.6
8	3/29/2013 16:45:50	12.62	49.37	32.22	10.24	8.10	4.2	2.832	117.9
9	3/29/2013 17:00:50	12.74	49.20	32.11	10.31	8.10	4.5	2.721	118.9
10	3/29/2013 17:15:50	12.98	48.99	31.96	10.52	8.12	4.7	2.627	121.8
11	3/29/2013 17:30:50	13.07	48.87	31.88	10.43	8.12	4.0	2.539	120.9
12	3/29/2013 17:45:50	13.41	48.93	31.94	10.55	8.14	4.5	2.438	123.3
13	3/29/2013 18:00:50	13.66	48.28	31.47	10.64	8.14	4.4	2.346	124.6
14	3/29/2013 18:15:50	13.88	48.48	31.63	10.63	8.15	4.0	2.240	125.1
15	3/29/2013 18:30:50	13.92	48.58	31.69	10.82	8.17	4.0	2.159	127.5
16	3/29/2013 18:45:50	14.10	48.39	31.57	10.87	8.18	4.1	2.082	128.4
17	3/29/2013 19:00:50	14.24	48.45	31.61	11.04	8.20	3.8	1.997	130.9
18	3/29/2013 19:15:50	14.35	48.15	31.40	11.00	8.20	3.7	1.938	130.5
19	3/29/2013 19:30:49	14.39	47.86	31.19	10.88	8.19	3.6	1.893	129.0
20	3/29/2013 19:45:50	14.38	48.17	31.41	10.76	8.18	3.6	1.868	127.7
21	3/29/2013 20:00:50	14.38	48.19	31.43	10.56	8.17	3.1	1.858	125.4
22	3/29/2013 20:15:50	14.31	48.04	31.32	10.73	8.18	2.8	1.878	127.1
23	3/29/2013 20:30:49	14.24	47.82	31.16	10.68	8.17	3.1	1.919	126.3
24	3/29/2013 20:45:50	14.13	48.31	31.51	10.61	8.16	3.6	1.971	125.5
25	3/29/2013 21:00:50	14.02	48.29	31.49	10.56	8.15	4.2	2.063	124.6
26	3/29/2013 21:15:50	14.44	47.99	31.28	10.31	8.13	5.3	2.137	122.5
27	3/29/2013 21:30:50	14.29	48.15	31.40	10.26	8.13	4.3	2.228	121.6
28	3/29/2013 21:45:50	13.93	48.13	31.37	10.29	8.12	4.0	2.334	121.0
29	3/29/2013 22:00:50	13.56	48.63	31.72	10.16	8.10	3.9	2.417	118.8
30	3/29/2013 22:15:50	13.22	48.79	31.83	9.98	8.08	4.1	2.510	116.0
31	3/29/2013 22:30:50	12.82	49.14	32.07	9.78	8.06	4.2	2.608	112.9
32	3/29/2013 22:45:50	12.66	48.98	31.94	9.75	8.06	4.3	2.692	112.1
33	3/29/2013 23:00:50	12.58	49.29	32.17	9.76	8.06	4.5	2.782	112.2
34	3/29/2013 23:15:50	12.49	49.38	32.23	9.79	8.06	4.7	2.878	112.4
35	3/29/2013 23:30:50	12.25	49.46	32.28	9.73	8.06	5.9	2.967	111.2
36	3/29/2013 23:45:50	12.07	49.73	32.46	9.67	8.05	6.1	3.068	110.2
37	3/30/2013 0:00:50	11.70	49.55	32.32	9.72	8.05	6.6	3.170	109.8
38	3/30/2013 0:15:50	11.45	50.04	32.66	9.71	8.05	7.4	3.269	109.4
39	3/30/2013 0:30:50	11.20	50.23	32.78	9.73	8.06	7.0	3.371	109.0
40	3/30/2013 0:45:50	10.81	50.48	32.94	9.86	8.07	6.5	3.469	109.7
41	3/30/2013 1:00:50	10.61	50.59	33.01	9.98	8.08	5.7	3.562	110.6
42	3/30/2013 1:15:50	10.51	50.77	33.13	10.02	8.08	5.5	3.648	110.9
43	3/30/2013 1:30:50	10.47	50.65	33.04	10.07	8.09	4.2	3.731	111.3
44	3/30/2013 1:45:50	10.39	50.75	33.11	10.18	8.11	3.6	3.783	112.4
45	3/30/2013 2:00:50	10.36	50.88	33.21	10.15	8.11	3.1	3.843	112.1
46	3/30/2013 2:15:50	10.32	50.86	33.18	10.05	8.10	2.8	3.868	110.8
47	3/30/2013 2:30:50	10.58	50.76	33.13	9.94	8.09	3.6	3.868	110.2
48	3/30/2013 2:45:50	10.50	50.65	33.04	9.95	8.09	3.7	3.856	110.0
49	3/30/2013 3:00:50	10.51	50.74	33.11	9.92	8.09	3.4	3.795	109.8
50	3/30/2013 3:15:50	10.84	50.31	32.82	9.82	8.08	5.9	3.743	109.3
51	3/30/2013 3:30:50	11.05	50.27	32.80	9.76	8.08	3.7	3.641	109.1
52	3/30/2013 3:45:50	11.17	50.27	32.81	9.81	8.08	4.5	3.514	109.9

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
53	3/30/2013 4:00:50	11.29	50.10	32.69	9.73	8.08	4.2	3.404	109.3
54	3/30/2013 4:15:50	11.50	50.00	32.63	9.56	8.06	8.3	3.298	107.8
55	3/30/2013 4:30:50	11.59	49.95	32.60	9.53	8.06	4.7	3.152	107.6
56	3/30/2013 4:45:50	11.73	49.86	32.54	9.52	8.06	4.7	3.027	107.7
57	3/30/2013 5:00:50	11.79	49.91	32.58	9.49	8.06	4.5	2.902	107.5
58	3/30/2013 5:15:50	11.95	49.38	32.20	9.51	8.06	5.4	2.766	108.0
59	3/30/2013 5:30:50	12.04	49.69	32.43	9.41	8.06	4.5	2.618	107.2
60	3/30/2013 5:45:50	12.60	49.17	32.08	9.49	8.07	5.4	2.498	109.1
61	3/30/2013 6:00:50	13.12	48.81	31.84	9.42	8.08	6.5	2.336	109.3
62	3/30/2013 6:15:50	12.75	49.03	31.98	9.34	8.07	5.6	2.202	107.6
63	3/30/2013 6:30:50	13.11	48.82	31.84	9.32	8.08	7.0	2.063	108.2
64	3/30/2013 6:45:50	13.20	48.55	31.66	9.37	8.08	7.5	1.911	108.8
65	3/30/2013 7:00:50	13.18	48.91	31.91	9.31	8.08	7.4	1.757	108.3
66	3/30/2013 7:15:50	13.36	48.64	31.72	9.35	8.08	6.4	1.619	109.0
67	3/30/2013 7:30:50	13.61	48.37	31.54	9.39	8.09	6.1	1.473	109.9
68	3/30/2013 7:45:50	13.70	48.40	31.56	9.38	8.10	5.9	1.357	110.0
69	3/30/2013 8:00:50	13.80	48.30	31.49	9.36	8.10	6.2	1.256	109.9
70	3/30/2013 8:15:50	14.02	48.29	31.49	9.32	8.10	5.0	1.163	109.9
71	3/30/2013 8:30:50	14.20	48.18	31.42	9.29	8.11	5.4	1.123	109.9
72	3/30/2013 8:45:50	14.02	48.23	31.45	9.23	8.10	4.6	1.124	108.8
73	3/30/2013 9:00:50	14.09	48.30	31.50	9.28	8.10	4.4	1.161	109.6
74	3/30/2013 9:15:50	14.07	47.96	31.25	9.33	8.10	4.3	1.246	109.9
75	3/30/2013 9:30:50	14.08	48.18	31.41	9.37	8.10	4.2	1.318	110.6
76	3/30/2013 9:45:50	14.05	48.33	31.52	9.39	8.10	4.2	1.400	110.8
77	3/30/2013 10:00:50	14.11	47.87	31.19	9.26	8.09	4.6	1.494	109.2
78	3/30/2013 10:15:50	14.01	48.10	31.35	9.27	8.09	4.5	1.583	109.2
79	3/30/2013 10:30:50	13.97	47.95	31.24	9.16	8.08	4.4	1.659	107.7
80	3/30/2013 10:45:50	14.03	47.97	31.26	9.18	8.08	4.8	1.754	108.1
81	3/30/2013 11:00:50	13.86	48.19	31.42	9.23	8.08	4.3	1.853	108.4
82	3/30/2013 11:15:50	13.74	48.31	31.49	9.27	8.08	4.1	1.927	108.7
83	3/30/2013 11:30:50	13.41	48.49	31.62	9.27	8.07	4.6	2.047	108.1
84	3/30/2013 11:45:50	13.18	48.89	31.90	9.27	8.06	4.6	2.138	107.8
85	3/30/2013 12:00:50	13.19	48.90	31.91	9.33	8.06	4.2	2.250	108.4
86	3/30/2013 12:15:50	13.16	48.97	31.96	9.36	8.06	4.3	2.344	108.7
87	3/30/2013 12:30:50	13.12	48.84	31.86	9.44	8.06	4.5	2.452	109.6
88	3/30/2013 12:45:50	12.96	49.15	32.08	9.44	8.06	5.4	2.549	109.3
89	3/30/2013 13:00:50	12.81	49.18	32.10	9.42	8.06	5.4	2.644	108.8
90	3/30/2013 13:15:50	12.65	49.16	32.07	9.41	8.06	5.4	2.736	108.3
91	3/30/2013 13:30:50	12.44	49.43	32.27	9.49	8.06	6.8	2.821	108.9
92	3/30/2013 13:45:50	12.28	49.50	32.30	9.55	8.06	5.6	2.906	109.2
93	3/30/2013 14:00:50	12.02	49.78	32.50	9.60	8.06	6.3	2.995	109.4
94	3/30/2013 14:15:50	11.63	49.95	32.60	9.77	8.08	5.6	3.076	110.4
95	3/30/2013 14:30:50	11.41	50.20	32.77	9.96	8.09	5.7	3.132	112.1
96	3/30/2013 14:45:50	11.40	50.07	32.67	10.00	8.09	4.3	3.208	112.5
97	3/30/2013 15:00:50	11.37	50.23	32.79	10.05	8.10	3.4	3.273	113.1
98	3/30/2013 15:15:50	11.31	50.22	32.78	10.02	8.10	4.0	3.310	112.6
99	3/30/2013 15:30:50	11.67	50.02	32.65	9.98	8.10	3.6	3.328	112.9
100	3/30/2013 15:45:50	11.48	50.29	32.84	9.93	8.09	3.3	3.326	112.1
101	3/30/2013 16:00:50	11.38	50.34	32.87	9.98	8.10	3.2	3.300	112.4
102	3/30/2013 16:15:50	11.40	50.37	32.89	9.98	8.10	3.8	3.248	112.4
103	3/30/2013 16:30:50	11.51	50.28	32.83	9.92	8.09	3.6	3.169	112.0
104	3/30/2013 16:45:50	12.31	49.76	32.49	10.02	8.11	4.6	3.090	114.8
105	3/30/2013 17:00:50	12.28	49.76	32.49	9.98	8.11	4.2	3.010	114.2

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
106	3/30/2013 17:15:50	12.72	49.44	32.28	10.04	8.12	4.9	2.918	115.8
107	3/30/2013 17:30:50	12.68	49.52	32.34	10.01	8.11	4.1	2.833	115.4
108	3/30/2013 17:45:50	12.84	49.30	32.18	9.98	8.11	4.5	2.737	115.4
109	3/30/2013 18:00:50	12.97	49.26	32.16	9.98	8.11	3.9	2.649	115.6
110	3/30/2013 18:15:50	13.04	49.13	32.07	9.90	8.11	3.5	2.577	114.9
111	3/30/2013 18:30:50	12.91	49.02	31.99	9.82	8.11	4.1	2.480	113.6
112	3/30/2013 18:45:50	13.14	49.15	32.08	9.81	8.12	4.0	2.394	114.1
113	3/30/2013 19:00:50	13.56	48.80	31.85	9.83	8.12	4.0	2.312	115.1
114	3/30/2013 19:15:50	13.68	48.61	31.71	9.85	8.13	3.8	2.245	115.5
115	3/30/2013 19:30:50	13.67	48.62	31.72	9.87	8.14	3.7	2.179	115.7
116	3/30/2013 19:45:50	13.79	48.57	31.69	9.80	8.13	3.6	2.099	115.2
117	3/30/2013 20:00:50	13.76	48.46	31.61	9.77	8.14	3.8	2.071	114.7
118	3/30/2013 20:15:50	13.99	48.43	31.59	9.72	8.14	3.6	2.037	114.6
119	3/30/2013 20:30:50	14.03	48.46	31.61	9.75	8.14	3.7	2.015	115.1
120	3/30/2013 20:45:50	13.91	48.36	31.54	9.47	8.13	3.2	2.022	111.5
121	3/30/2013 21:00:50	13.85	48.49	31.63	9.65	8.13	3.4	2.036	113.5
122	3/30/2013 21:15:50	13.85	48.45	31.60	9.63	8.12	3.3	2.068	113.2
123	3/30/2013 21:30:50	13.90	48.49	31.63	9.71	8.12	3.9	2.125	114.3
124	3/30/2013 21:45:50	13.83	48.62	31.73	9.68	8.12	4.2	2.197	113.9
125	3/30/2013 22:00:50	13.92	48.22	31.43	9.67	8.12	4.7	2.271	113.8
126	3/30/2013 22:15:50	13.87	48.40	31.57	9.61	8.11	4.2	2.356	113.0
127	3/30/2013 22:30:50	13.66	48.50	31.63	9.63	8.10	3.6	2.435	112.8
128	3/30/2013 22:45:50	13.46	48.68	31.75	9.65	8.10	3.4	2.520	112.7
129	3/30/2013 23:00:50	13.23	48.65	31.73	9.63	8.09	3.7	2.599	111.9
130	3/30/2013 23:15:50	12.92	49.23	32.14	9.55	8.08	3.6	2.684	110.5
131	3/30/2013 23:30:50	12.61	49.43	32.27	9.59	8.07	3.5	2.763	110.4
132	3/30/2013 23:45:50	12.51	49.57	32.36	9.61	8.08	4.0	2.854	110.4
133	3/31/2013 0:00:50	12.36	49.65	32.42	9.63	8.08	4.4	2.944	110.4
134	3/31/2013 0:15:50	12.07	49.60	32.37	9.67	8.08	4.8	3.030	110.2
135	3/31/2013 0:30:50	11.88	50.00	32.65	9.69	8.08	5.0	3.124	110.2
136	3/31/2013 0:45:50	11.58	50.07	32.68	9.81	8.09	5.5	3.206	110.8
137	3/31/2013 1:00:50	11.34	50.05	32.66	9.88	8.09	4.9	3.307	111.0
138	3/31/2013 1:15:50	11.12	50.42	32.92	9.96	8.10	5.3	3.411	111.5
139	3/31/2013 1:30:50	10.91	50.39	32.88	10.06	8.11	5.3	3.499	112.1
140	3/31/2013 1:45:50	10.66	50.65	33.06	10.25	8.12	4.8	3.581	113.8
141	3/31/2013 2:00:50	10.54	50.54	32.97	10.34	8.13	4.9	3.669	114.4
142	3/31/2013 2:15:50	10.48	50.77	33.13	10.38	8.13	3.9	3.734	114.8
143	3/31/2013 2:30:50	10.42	50.74	33.11	10.41	8.14	3.8	3.780	115.0
144	3/31/2013 2:45:50	10.42	50.56	32.97	10.40	8.14	3.1	3.832	114.7
145	3/31/2013 3:00:50	10.39	50.78	33.13	10.31	8.13	3.5	3.861	113.8
146	3/31/2013 3:15:50	10.64	50.68	33.08	10.15	8.12	3.8	3.862	112.7
147	3/31/2013 3:30:50	10.62	50.69	33.08	10.11	8.12	2.8	3.827	112.1
148	3/31/2013 3:45:50	10.57	50.71	33.09	10.19	8.13	4.3	3.797	112.9
149	3/31/2013 4:00:50	10.85	50.58	33.01	10.05	8.12	4.1	3.734	112.0
150	3/31/2013 4:15:50	10.90	50.51	32.97	9.98	8.11	4.0	3.625	111.3
151	3/31/2013 4:30:50	10.94	50.24	32.77	10.06	8.12	3.5	3.548	112.2
152	3/31/2013 4:45:50	11.17	50.36	32.87	9.89	8.11	3.4	3.422	110.9
153	3/31/2013 5:00:50	11.56	50.06	32.68	9.63	8.09	6.8	3.296	108.7
154	3/31/2013 5:15:50	11.63	50.07	32.69	9.55	8.08	3.8	3.199	108.0
155	3/31/2013 5:30:50	11.77	49.92	32.59	9.49	8.08	4.3	3.063	107.6
156	3/31/2013 5:45:50	12.01	49.74	32.47	9.43	8.08	4.3	2.925	107.3
157	3/31/2013 6:00:50	12.00	49.76	32.48	9.35	8.07	4.9	2.792	106.4
158	3/31/2013 6:15:50	12.30	49.36	32.20	9.29	8.07	5.0	2.697	106.2

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
159	3/31/2013 6:30:50	12.41	49.38	32.22	9.28	8.07	4.5	2.541	106.4
160	3/31/2013 6:45:50	12.57	49.20	32.10	9.19	8.07	6.4	2.390	105.6
161	3/31/2013 7:00:50	12.84	49.18	32.09	9.08	8.07	4.7	2.288	104.9
162	3/31/2013 7:15:50	12.95	48.99	31.96	9.02	8.07	5.5	2.155	104.4
163	3/31/2013 7:30:50	13.07	48.84	31.86	8.98	8.06	6.3	2.016	104.1
164	3/31/2013 7:45:50	13.18	48.70	31.76	8.89	8.06	6.2	1.850	103.2
165	3/31/2013 8:00:50	13.13	48.82	31.85	8.81	8.06	6.1	1.717	102.3
166	3/31/2013 8:15:50	13.52	48.37	31.53	8.76	8.07	6.2	1.591	102.3
167	3/31/2013 8:30:50	13.64	48.29	31.48	8.72	8.07	6.1	1.457	102.0
168	3/31/2013 8:45:50	13.76	48.02	31.29	8.66	8.07	5.8	1.341	101.5
169	3/31/2013 9:00:50	13.88	48.01	31.29	8.58	8.07	5.8	1.261	100.8
170	3/31/2013 9:15:50	13.99	47.94	31.24	8.47	8.07	4.9	1.213	99.7
171	3/31/2013 9:30:50	14.01	48.02	31.29	8.45	8.07	4.3	1.164	99.5
172	3/31/2013 9:45:50	13.83	47.99	31.27	8.51	8.06	4.5	1.173	99.8
173	3/31/2013 10:00:50	13.84	48.14	31.37	8.50	8.06	4.8	1.233	99.9
174	3/31/2013 10:15:50	13.83	48.23	31.44	8.54	8.06	4.5	1.297	100.3
175	3/31/2013 10:30:50	13.89	48.19	31.42	8.58	8.07	4.0	1.391	100.9
176	3/31/2013 10:45:50	13.88	48.15	31.38	8.62	8.07	4.0	1.473	101.3
177	3/31/2013 11:00:50	13.86	47.94	31.23	8.56	8.06	4.4	1.544	100.5
178	3/31/2013 11:15:50	13.82	48.06	31.32	8.55	8.06	3.9	1.639	100.3
179	3/31/2013 11:30:50	13.76	47.92	31.22	8.52	8.05	4.5	1.716	99.7
180	3/31/2013 11:45:50	13.72	48.08	31.33	8.49	8.05	4.0	1.786	99.4
181	3/31/2013 12:00:50	13.66	48.19	31.41	8.56	8.05	4.0	1.883	100.1
182	3/31/2013 12:15:50	13.46	48.32	31.49	8.68	8.05	4.2	1.996	101.1
183	3/31/2013 12:30:50	13.29	48.68	31.75	8.71	8.05	4.0	2.085	101.4
184	3/31/2013 12:45:50	13.20	48.81	31.84	8.76	8.05	3.5	2.175	101.8
185	3/31/2013 13:00:50	13.13	48.97	31.95	8.92	8.05	3.9	2.260	103.6
186	3/31/2013 13:15:50	13.06	49.08	32.03	8.99	8.05	4.3	2.364	104.4
187	3/31/2013 13:30:50	12.98	49.10	32.05	9.03	8.05	4.0	2.461	104.6
188	3/31/2013 13:45:50	12.89	49.08	32.03	9.05	8.05	4.3	2.552	104.7
189	3/31/2013 14:00:50	12.77	49.17	32.09	9.11	8.05	4.9	2.635	105.1
190	3/31/2013 14:15:50	12.69	49.37	32.23	9.13	8.06	4.3	2.715	105.2
191	3/31/2013 14:30:50	12.59	49.16	32.07	9.17	8.06	4.9	2.799	105.4
192	3/31/2013 14:45:50	12.37	49.48	32.29	9.34	8.06	5.1	2.867	107.0
193	3/31/2013 15:00:50	12.27	49.56	32.35	9.43	8.07	4.9	2.940	107.8
194	3/31/2013 15:15:50	12.06	49.69	32.43	9.46	8.07	4.7	3.022	107.8
195	3/31/2013 15:30:50	11.78	49.90	32.57	9.55	8.08	5.1	3.073	108.3
196	3/31/2013 15:45:50	11.61	50.08	32.70	9.69	8.09	4.3	3.124	109.5
197	3/31/2013 16:00:50	11.51	49.87	32.54	9.77	8.10	3.0	3.187	110.1
198	3/31/2013 16:15:50	11.50	49.97	32.61	9.74	8.09	3.0	3.211	109.7
199	3/31/2013 16:30:50	11.87	49.84	32.53	9.67	8.09	2.9	3.244	109.8
200	3/31/2013 16:45:50	11.65	50.05	32.67	9.64	8.09	5.5	3.242	109.0
201	3/31/2013 17:00:50	11.53	50.14	32.73	9.73	8.09	3.6	3.207	109.8
202	3/31/2013 17:15:50	11.59	49.91	32.57	9.70	8.09	3.9	3.168	109.4
203	3/31/2013 17:30:50	12.13	49.71	32.45	9.58	8.09	4.0	3.103	109.3
204	3/31/2013 17:45:50	12.60	49.44	32.28	9.64	8.10	5.0	3.032	111.0
205	3/31/2013 18:00:50	12.23	49.83	32.54	9.75	8.10	3.7	2.947	111.6
206	3/31/2013 18:15:51	12.49	49.65	32.43	9.62	8.09	3.9	2.859	110.6
207	3/31/2013 18:30:50	12.87	49.20	32.11	9.54	8.10	4.0	2.777	110.3
208	3/31/2013 18:45:50	12.98	49.15	32.08	9.50	8.10	4.1	2.703	110.0
209	3/31/2013 19:00:50	12.99	49.03	31.99	9.45	8.09	3.7	2.614	109.5
210	3/31/2013 19:15:50	13.20	49.15	32.09	9.47	8.10	3.6	2.555	110.2
211	3/31/2013 19:30:50	13.31	48.63	31.71	9.43	8.09	3.4	2.494	109.7

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
212	3/31/2013 19:45:50	13.60	48.53	31.65	9.38	8.10	4.5	2.444	109.8
213	3/31/2013 20:00:50	13.53	48.66	31.74	9.39	8.10	4.0	2.348	109.8
214	3/31/2013 20:15:50	13.73	48.48	31.62	9.36	8.11	4.0	2.303	109.8
215	3/31/2013 20:30:50	13.78	48.32	31.51	9.37	8.11	3.8	2.251	110.0
216	3/31/2013 20:45:50	13.80	48.46	31.61	9.36	8.12	3.7	2.185	110.0
217	3/31/2013 21:00:50	13.85	48.51	31.65	9.37	8.12	3.8	2.170	110.2
218	3/31/2013 21:15:50	13.91	48.32	31.51	9.35	8.12	3.7	2.140	110.1
219	3/31/2013 21:30:50	13.86	48.33	31.52	9.00	8.09	2.8	2.151	105.8
220	3/31/2013 21:45:50	13.64	48.59	31.69	9.10	8.09	3.5	2.156	106.7
221	3/31/2013 22:00:50	13.62	48.42	31.57	9.18	8.09	3.5	2.184	107.4
222	3/31/2013 22:15:50	13.68	48.45	31.60	9.21	8.09	3.7	2.236	107.9
223	3/31/2013 22:30:50	13.60	48.47	31.61	9.17	8.09	3.7	2.277	107.3
224	3/31/2013 22:45:50	13.57	48.58	31.69	9.19	8.09	3.9	2.342	107.5
225	3/31/2013 23:00:50	13.65	48.49	31.63	9.19	8.09	3.7	2.412	107.6
226	3/31/2013 23:15:50	13.49	48.42	31.57	9.17	8.08	3.7	2.499	107.0
227	3/31/2013 23:30:50	13.30	48.85	31.87	9.26	8.08	3.7	2.576	107.9
228	3/31/2013 23:45:50	13.04	49.15	32.08	9.26	8.08	3.2	2.649	107.5
229	4/1/2013 0:00:50	12.83	49.33	32.20	9.26	8.07	3.2	2.722	107.1
230	4/1/2013 0:15:50	12.57	49.46	32.29	9.35	8.07	4.1	2.802	107.6
231	4/1/2013 0:30:50	12.44	49.45	32.27	9.38	8.07	3.6	2.872	107.6
232	4/1/2013 0:45:50	12.35	49.69	32.44	9.41	8.07	4.3	2.950	107.8
233	4/1/2013 1:00:51	12.16	49.67	32.42	9.48	8.08	4.7	3.023	108.2
234	4/1/2013 1:15:50	11.85	49.90	32.57	9.50	8.08	4.8	3.117	107.9
235	4/1/2013 1:30:50	11.55	50.07	32.68	9.58	8.08	5.1	3.201	108.1
236	4/1/2013 1:45:50	11.35	50.11	32.70	9.66	8.08	4.3	3.289	108.5
237	4/1/2013 2:00:50	11.17	50.07	32.66	9.69	8.08	5.2	3.384	108.5
238	4/1/2013 2:15:51	11.00	50.42	32.91	9.72	8.08	4.2	3.477	108.6
239	4/1/2013 2:30:51	10.87	50.38	32.87	9.73	8.08	4.6	3.532	108.4
240	4/1/2013 2:45:50	10.61	50.43	32.89	9.83	8.09	4.4	3.603	108.9
241	4/1/2013 3:00:50	10.53	50.49	32.93	9.84	8.09	3.6	3.683	108.8
242	4/1/2013 3:15:50	10.41	50.60	33.01	9.92	8.09	2.9	3.727	109.5
243	4/1/2013 3:30:50	10.38	50.44	32.89	9.88	8.09	2.7	3.770	108.9
244	4/1/2013 3:45:50	10.71	50.42	32.89	9.71	8.08	3.2	3.787	107.7
245	4/1/2013 4:00:50	10.55	50.53	32.96	9.65	8.08	2.6	3.801	106.8
246	4/1/2013 4:15:50	10.46	50.37	32.84	9.73	8.08	2.8	3.776	107.4
247	4/1/2013 4:30:50	10.55	50.54	32.97	9.69	8.08	2.8	3.727	107.3
248	4/1/2013 4:45:50	11.02	50.29	32.81	9.57	8.08	6.8	3.679	106.9
249	4/1/2013 5:00:50	11.03	50.22	32.76	9.56	8.08	3.5	3.598	106.7
250	4/1/2013 5:15:50	11.13	50.17	32.73	9.49	8.08	3.5	3.503	106.2
251	4/1/2013 5:30:50	11.43	49.99	32.62	9.39	8.07	3.8	3.408	105.7
252	4/1/2013 5:45:50	11.65	49.92	32.58	9.29	8.07	6.1	3.303	105.0
253	4/1/2013 6:00:50	11.77	49.74	32.46	9.22	8.07	3.9	3.189	104.4
254	4/1/2013 6:15:50	11.79	49.87	32.55	9.16	8.06	3.9	3.068	103.8
255	4/1/2013 6:30:50	11.82	49.60	32.35	9.19	8.06	4.0	2.967	104.1
256	4/1/2013 6:45:50	12.05	49.55	32.33	9.15	8.06	4.3	2.846	104.2
257	4/1/2013 7:00:50	12.26	49.40	32.23	9.05	8.06	3.9	2.732	103.4
258	4/1/2013 7:15:50	11.73	49.83	32.52	9.10	8.05	4.0	2.615	103.0
259	4/1/2013 7:30:50	12.56	49.13	32.05	8.92	8.06	4.3	2.497	102.5
260	4/1/2013 7:45:50	12.75	49.01	31.97	8.81	8.06	4.8	2.371	101.6
261	4/1/2013 8:00:50	13.01	48.83	31.85	8.73	8.06	4.7	2.235	101.0
262	4/1/2013 8:15:50	13.13	48.79	31.82	8.72	8.06	5.4	2.100	101.2
263	4/1/2013 8:30:50	12.87	48.97	31.95	8.69	8.05	4.8	1.976	100.4
264	4/1/2013 8:45:50	13.14	48.83	31.85	8.62	8.05	5.0	1.836	100.0

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	4/1/2013 9:00:50	13.23	48.76	31.80	8.57	8.05	4.7	1.710	99.7
266	4/1/2013 9:15:50	13.37	48.11	31.34	8.56	8.05	4.5	1.593	99.6
267	4/1/2013 9:30:50	13.54	48.28	31.47	8.50	8.06	4.3	1.489	99.2
268	4/1/2013 9:45:50	13.68	48.15	31.38	8.43	8.06	4.5	1.383	98.6
269	4/1/2013 10:00:50	13.77	48.09	31.34	8.39	8.07	4.3	1.318	98.4
270	4/1/2013 10:15:50	13.84	48.05	31.31	8.34	8.07	4.2	1.285	97.8
271	4/1/2013 10:30:50	13.84	48.12	31.36	8.23	8.06	4.5	1.261	96.6
272	4/1/2013 10:45:50	13.81	48.03	31.29	8.37	8.06	3.9	1.295	98.2
273	4/1/2013 11:00:50	13.80	48.10	31.35	8.38	8.06	3.6	1.340	98.3
274	4/1/2013 11:15:50	13.79	48.22	31.43	8.42	8.06	3.6	1.388	98.8
275	4/1/2013 11:30:50	13.90	48.07	31.33	8.45	8.06	3.5	1.459	99.3
276	4/1/2013 11:45:50	14.01	48.03	31.30	8.41	8.06	3.6	1.522	99.0
277	4/1/2013 12:00:50	13.84	48.18	31.40	8.44	8.06	3.7	1.607	99.1
278	4/1/2013 12:15:50	13.95	47.56	30.96	8.47	8.05	4.5	1.676	99.4
279	4/1/2013 12:30:50	13.85	47.70	31.06	8.46	8.05	4.2	1.750	99.1
280	4/1/2013 12:45:50	13.74	47.74	31.08	8.44	8.05	4.0	1.847	98.7
281	4/1/2013 13:00:50	13.84	47.73	31.08	8.42	8.05	4.0	1.903	98.7
282	4/1/2013 13:15:50	13.74	47.71	31.06	8.41	8.04	3.5	1.991	98.4
283	4/1/2013 13:30:50	13.78	47.96	31.24	8.60	8.05	4.2	2.089	100.8
284	4/1/2013 13:45:50	13.35	48.42	31.56	8.61	8.04	3.5	2.163	100.2
285	4/1/2013 14:00:50	13.05	48.91	31.91	8.66	8.04	4.0	2.268	100.3
286	4/1/2013 14:15:50	13.01	48.92	31.91	8.83	8.04	3.7	2.343	102.3
287	4/1/2013 14:30:50	12.97	48.95	31.94	8.87	8.05	3.7	2.436	102.7
288	4/1/2013 14:45:50	12.97	48.95	31.93	8.92	8.05	3.6	2.514	103.2
289	4/1/2013 15:00:50	12.86	49.12	32.05	8.92	8.05	3.6	2.597	103.1
290	4/1/2013 15:15:50	12.85	49.22	32.13	8.96	8.05	3.6	2.677	103.6
291	4/1/2013 15:30:50	12.80	49.11	32.04	9.02	8.05	3.2	2.753	104.1
292	4/1/2013 15:45:50	12.62	49.19	32.09	9.02	8.05	4.2	2.824	103.7
293	4/1/2013 16:00:50	12.54	49.37	32.22	9.17	8.06	3.7	2.886	105.3
294	4/1/2013 16:15:50	12.47	49.32	32.18	9.25	8.06	3.7	2.948	106.1
295	4/1/2013 16:30:51	12.37	49.62	32.39	9.32	8.07	3.8	3.002	106.9
296	4/1/2013 16:45:50	12.29	49.48	32.29	9.39	8.07	3.7	3.059	107.4
297	4/1/2013 17:00:50	11.98	49.66	32.41	9.42	8.06	2.9	3.098	107.1
298	4/1/2013 17:15:50	11.90	49.83	32.53	9.39	8.07	2.9	3.118	106.7
299	4/1/2013 17:30:50	11.92	49.61	32.37	9.38	8.06	2.3	3.143	106.5
300	4/1/2013 17:45:50	12.07	49.62	32.38	9.29	8.06	2.4	3.150	105.8
301	4/1/2013 18:00:50	11.87	49.84	32.53	9.30	8.06	3.0	3.116	105.6
302	4/1/2013 18:15:50	11.95	49.86	32.55	9.31	8.06	3.0	3.079	105.9
303	4/1/2013 18:30:50	12.17	49.65	32.41	9.31	8.06	3.6	3.051	106.2
304	4/1/2013 18:45:50	12.62	49.43	32.27	9.33	8.08	3.1	2.991	107.4
305	4/1/2013 19:00:50	12.87	49.46	32.30	9.46	8.09	3.2	2.916	109.5
306	4/1/2013 19:15:50	12.66	49.39	32.24	9.51	8.09	3.6	2.864	109.5
307	4/1/2013 19:30:50	12.73	49.34	32.21	9.48	8.09	3.4	2.791	109.3
308	4/1/2013 19:45:50	13.00	49.17	32.10	9.44	8.10	3.4	2.718	109.5
309	4/1/2013 20:00:50	13.14	49.08	32.04	9.36	8.09	3.0	2.668	108.8
310	4/1/2013 20:15:50	13.22	49.07	32.03	9.36	8.09	3.1	2.596	109.0
311	4/1/2013 20:30:50	12.89	49.29	32.18	9.54	8.12	3.5	2.540	110.4
312	4/1/2013 20:45:50	13.25	48.80	31.84	9.44	8.11	3.7	2.477	109.8
313	4/1/2013 21:00:50	13.39	48.81	31.85	9.37	8.11	4.0	2.417	109.3
314	4/1/2013 21:15:50	13.65	48.50	31.63	9.30	8.10	3.2	2.382	109.0
315	4/1/2013 21:30:50	13.74	48.41	31.57	9.27	8.10	3.2	2.330	108.8
316	4/1/2013 21:45:50	13.70	48.45	31.60	9.16	8.10	3.1	2.282	107.4
317	4/1/2013 22:00:50	13.71	48.30	31.49	9.22	8.10	2.9	2.284	108.0

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
318	4/1/2013 22:15:50	13.63	48.32	31.50	8.90	8.08	2.0	2.255	104.1
319	4/1/2013 22:30:50	13.56	48.56	31.67	8.99	8.08	2.5	2.251	105.1
320	4/1/2013 22:45:50	13.51	48.50	31.63	9.09	8.08	3.0	2.277	106.2
321	4/1/2013 23:00:50	13.63	48.50	31.63	9.16	8.09	3.1	2.285	107.3
322	4/1/2013 23:15:50	13.59	48.58	31.69	9.13	8.09	3.2	2.319	106.9
323	4/1/2013 23:30:50	13.50	48.81	31.85	9.17	8.08	3.4	2.385	107.2
324	4/1/2013 23:45:50	13.55	48.52	31.65	9.19	8.09	4.5	2.426	107.4
325	4/2/2013 0:00:50	13.49	48.68	31.75	9.16	8.08	2.9	2.494	107.0
326	4/2/2013 0:15:50	13.43	48.70	31.77	9.14	8.08	2.9	2.560	106.7
327	4/2/2013 0:30:50	13.30	48.98	31.97	9.20	8.08	2.8	2.616	107.3
328	4/2/2013 0:45:50	13.10	48.93	31.92	9.22	8.07	2.9	2.693	107.0
329	4/2/2013 1:00:50	12.90	49.21	32.12	9.20	8.07	2.9	2.757	106.4
330	4/2/2013 1:15:50	12.68	49.22	32.12	9.21	8.06	2.8	2.817	106.0
331	4/2/2013 1:30:50	12.57	49.50	32.32	9.20	8.06	2.8	2.884	105.8
332	4/2/2013 1:45:50	12.37	49.62	32.40	9.24	8.06	3.4	2.948	105.9
333	4/2/2013 2:00:50	12.24	49.55	32.34	9.27	8.06	3.1	3.011	105.9
334	4/2/2013 2:15:50	12.09	49.77	32.50	9.29	8.06	2.9	3.087	105.9
335	4/2/2013 2:30:50	11.99	49.77	32.49	9.31	8.06	3.4	3.159	105.9
336	4/2/2013 2:45:50	11.82	49.94	32.60	9.35	8.06	3.5	3.234	106.1
337	4/2/2013 3:00:50	11.60	49.99	32.63	9.42	8.06	3.9	3.315	106.4
338	4/2/2013 3:15:50	11.47	50.04	32.66	9.43	8.06	3.5	3.373	106.2
339	4/2/2013 3:30:50	11.34	50.20	32.77	9.41	8.06	3.2	3.440	105.9
340	4/2/2013 3:45:51	11.16	50.36	32.88	9.47	8.06	3.2	3.507	106.1
341	4/2/2013 4:00:50	11.10	50.21	32.76	9.43	8.06	2.8	3.554	105.5
342	4/2/2013 4:15:50	10.97	50.39	32.89	9.44	8.05	2.5	3.587	105.4
343	4/2/2013 4:30:50	10.85	50.32	32.82	9.47	8.05	2.1	3.619	105.4
344	4/2/2013 4:45:51	11.30	50.27	32.81	9.30	8.05	2.7	3.629	104.4
345	4/2/2013 5:00:50	10.99	50.13	32.70	9.30	8.05	2.2	3.639	103.7
346	4/2/2013 5:15:50	10.89	50.29	32.80	9.29	8.04	2.2	3.616	103.5
347	4/2/2013 5:30:51	10.90	50.53	32.98	9.36	8.05	2.3	3.571	104.4
348	4/2/2013 5:45:50	11.46	50.17	32.75	9.15	8.05	2.8	3.525	103.1
349	4/2/2013 6:00:50	11.77	49.93	32.59	9.06	8.04	4.2	3.454	102.6
350	4/2/2013 6:15:50	11.91	49.77	32.49	9.04	8.05	4.0	3.377	102.6
351	4/2/2013 6:30:50	11.86	49.92	32.59	9.06	8.05	3.8	3.280	102.9
352	4/2/2013 6:45:50	12.05	49.75	32.48	8.97	8.04	4.1	3.195	102.1
353	4/2/2013 7:00:50	12.13	49.65	32.41	8.94	8.04	3.8	3.094	101.9
354	4/2/2013 7:15:50	12.19	49.69	32.44	8.90	8.04	3.7	2.986	101.7
355	4/2/2013 7:30:50	12.28	49.46	32.28	8.87	8.04	3.5	2.890	101.4
356	4/2/2013 7:45:50	12.38	49.54	32.34	8.84	8.04	3.8	2.782	101.3
357	4/2/2013 8:00:50	12.69	49.04	31.99	8.85	8.05	4.6	2.674	101.9
358	4/2/2013 8:15:50	12.60	49.13	32.05	8.88	8.05	3.6	2.556	102.1
359	4/2/2013 8:30:50	12.48	49.26	32.14	8.89	8.04	4.6	2.428	102.0
360	4/2/2013 8:45:50	12.93	48.79	31.82	8.82	8.05	4.1	2.318	101.9
361	4/2/2013 9:00:50	12.92	48.98	31.95	8.82	8.06	4.1	2.193	102.0
362	4/2/2013 9:15:50	13.08	48.87	31.88	8.85	8.06	4.3	2.067	102.7
363	4/2/2013 9:30:50	13.24	48.82	31.85	8.86	8.07	4.2	1.954	103.1
364	4/2/2013 9:45:50	13.28	48.74	31.79	8.87	8.07	4.0	1.824	103.2
365	4/2/2013 10:00:50	13.45	48.54	31.66	8.84	8.07	4.3	1.707	103.2
366	4/2/2013 10:15:50	13.59	48.49	31.62	8.79	8.07	3.6	1.602	102.8
367	4/2/2013 10:30:50	13.72	48.40	31.56	8.74	8.07	3.7	1.501	102.5
368	4/2/2013 10:45:50	13.82	48.10	31.34	8.74	8.08	3.6	1.434	102.5
369	4/2/2013 11:00:50	13.90	48.18	31.41	8.72	8.08	3.4	1.361	102.5
370	4/2/2013 11:15:50	13.95	48.17	31.40	8.69	8.08	3.2	1.332	102.3

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	4/2/2013 11:30:50	13.92	48.23	31.45	8.63	8.07	3.0	1.337	101.6
372	4/2/2013 11:45:50	13.93	48.24	31.45	8.69	8.08	3.2	1.331	102.3
373	4/2/2013 12:00:50	13.87	48.22	31.43	8.68	8.07	3.2	1.383	102.0
374	4/2/2013 12:15:50	13.88	48.34	31.53	8.68	8.07	3.2	1.430	102.1
375	4/2/2013 12:30:50	13.91	48.27	31.47	8.73	8.07	3.2	1.489	102.7
376	4/2/2013 12:45:50	13.94	48.21	31.43	8.78	8.07	3.0	1.564	103.3
377	4/2/2013 13:00:50	14.09	47.92	31.23	8.80	8.07	3.6	1.612	103.8
378	4/2/2013 13:15:50	14.04	47.63	31.01	8.81	8.07	4.0	1.686	103.6
379	4/2/2013 13:30:50	14.00	47.57	30.97	8.74	8.07	3.9	1.748	102.7
380	4/2/2013 13:45:50	13.90	47.65	31.02	8.70	8.06	3.7	1.820	102.0
381	4/2/2013 14:00:50	13.83	47.98	31.26	8.62	8.06	2.9	1.891	101.2
382	4/2/2013 14:15:50	13.83	47.63	31.00	8.58	8.05	3.2	1.970	100.6
383	4/2/2013 14:30:50	13.68	48.12	31.36	8.62	8.05	2.9	2.047	100.9
384	4/2/2013 14:45:50	13.54	48.32	31.49	8.64	8.05	3.3	2.135	100.9
385	4/2/2013 15:00:51	13.44	48.60	31.69	8.65	8.04	3.1	2.212	101.0
386	4/2/2013 15:15:50	13.22	48.56	31.66	8.72	8.04	2.8	2.298	101.2
387	4/2/2013 15:30:50	13.16	48.87	31.88	8.76	8.04	2.7	2.385	101.8
388	4/2/2013 15:45:50	13.18	49.03	32.00	8.87	8.05	3.0	2.467	103.2
389	4/2/2013 16:00:50	13.13	48.98	31.96	8.89	8.05	2.8	2.545	103.2
390	4/2/2013 16:15:50	12.99	49.04	32.00	8.88	8.04	2.9	2.618	102.8
391	4/2/2013 16:30:50	12.91	49.10	32.04	8.90	8.04	2.9	2.689	103.0
392	4/2/2013 16:45:50	12.89	49.13	32.07	8.92	8.05	3.2	2.763	103.2
393	4/2/2013 17:00:50	12.67	49.06	32.00	8.93	8.04	2.8	2.823	102.8
394	4/2/2013 17:15:50	12.58	49.37	32.23	9.02	8.04	2.9	2.880	103.7
395	4/2/2013 17:30:51	12.53	49.45	32.28	9.06	8.05	3.0	2.934	104.2
396	4/2/2013 17:45:51	12.47	49.55	32.35	9.11	8.05	2.8	2.982	104.6
397	4/2/2013 18:00:50	12.42	49.36	32.21	9.15	8.05	2.5	3.018	104.9
398	4/2/2013 18:15:50	12.37	49.66	32.42	9.13	8.05	2.6	3.051	104.7
399	4/2/2013 18:30:51	12.21	49.66	32.42	9.13	8.04	2.3	3.079	104.4
400	4/2/2013 18:45:50	12.04	49.71	32.45	9.07	8.03	1.8	3.091	103.3
401	4/2/2013 19:00:50	12.26	49.60	32.38	9.12	8.05	2.5	3.101	104.3
402	4/2/2013 19:15:50	12.10	49.84	32.54	8.96	8.03	2.2	3.077	102.2
403	4/2/2013 19:30:50	12.09	49.78	32.50	9.10	8.04	2.7	3.053	103.7
404	4/2/2013 19:45:50	12.21	49.54	32.33	9.01	8.04	2.3	3.026	102.9
405	4/2/2013 20:00:50	12.43	49.53	32.33	8.95	8.04	2.6	2.964	102.6
406	4/2/2013 20:15:50	12.67	49.37	32.23	8.82	8.04	3.2	2.916	101.7
407	4/2/2013 20:30:50	12.73	49.21	32.12	8.88	8.05	4.5	2.852	102.3
408	4/2/2013 20:45:50	12.71	49.42	32.26	8.88	8.05	3.4	2.789	102.5
409	4/2/2013 21:00:50	12.77	49.28	32.17	8.87	8.05	3.2	2.733	102.4
410	4/2/2013 21:15:50	12.92	49.07	32.02	8.88	8.05	3.1	2.668	102.7
411	4/2/2013 21:30:50	13.11	48.92	31.92	8.86	8.06	3.0	2.613	102.8
412	4/2/2013 21:45:50	13.20	48.98	31.97	8.78	8.06	3.1	2.556	102.1
413	4/2/2013 22:00:50	13.25	48.86	31.88	8.72	8.05	3.1	2.506	101.4
414	4/2/2013 22:15:50	13.40	48.59	31.69	8.77	8.06	2.9	2.451	102.3
415	4/2/2013 22:30:50	13.37	48.51	31.63	8.69	8.06	3.2	2.400	101.2
416	4/2/2013 22:45:50	13.45	48.37	31.53	8.69	8.06	3.2	2.369	101.3
417	4/2/2013 23:00:50	13.44	48.34	31.51	8.70	8.06	3.1	2.337	101.3
418	4/2/2013 23:15:50	13.46	48.22	31.43	8.68	8.06	3.0	2.307	101.2
419	4/2/2013 23:30:50	13.36	48.59	31.69	8.36	8.03	2.1	2.295	97.4
420	4/2/2013 23:45:50	13.33	48.54	31.65	8.55	8.04	2.6	2.303	99.6
421	4/3/2013 0:00:50	13.34	48.46	31.59	8.63	8.05	2.8	2.310	100.4
422	4/3/2013 0:15:50	13.37	48.35	31.52	8.75	8.05	2.7	2.339	101.8
423	4/3/2013 0:30:50	13.32	48.52	31.64	8.62	8.04	3.0	2.371	100.3

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	4/3/2013 0:45:50	13.27	48.67	31.74	8.60	8.04	3.1	2.407	100.1
425	4/3/2013 1:00:50	13.27	48.75	31.80	8.63	8.04	3.0	2.465	100.4
426	4/3/2013 1:15:50	13.26	48.59	31.68	8.64	8.04	3.0	2.520	100.4
427	4/3/2013 1:30:50	13.17	48.81	31.84	8.61	8.04	2.9	2.572	100.0
428	4/3/2013 1:45:50	13.09	48.91	31.91	8.64	8.04	2.8	2.626	100.2
429	4/3/2013 2:00:50	12.95	49.07	32.02	8.69	8.04	2.5	2.686	100.6
430	4/3/2013 2:15:50	12.84	49.15	32.07	8.70	8.04	2.8	2.755	100.6
431	4/3/2013 2:30:50	12.56	49.44	32.28	8.83	8.04	2.8	2.806	101.5
432	4/3/2013 2:45:50	12.32	49.60	32.38	8.95	8.04	2.5	2.858	102.5
433	4/3/2013 3:00:50	12.21	49.52	32.32	9.00	8.04	2.9	2.933	102.8
434	4/3/2013 3:15:50	12.06	49.88	32.57	9.06	8.04	2.6	2.981	103.3
435	4/3/2013 3:30:50	11.99	49.89	32.57	9.08	8.05	2.4	3.042	103.4
436	4/3/2013 3:45:51	11.85	50.05	32.69	9.11	8.04	2.8	3.117	103.5
437	4/3/2013 4:00:50	11.84	49.96	32.62	9.10	8.04	2.7	3.175	103.3
438	4/3/2013 4:15:50	11.69	50.01	32.65	9.17	8.05	2.8	3.237	103.8
439	4/3/2013 4:30:50	11.51	50.07	32.68	9.24	8.05	3.4	3.294	104.2
440	4/3/2013 4:45:50	11.38	50.21	32.78	9.26	8.05	2.5	3.357	104.2
441	4/3/2013 5:00:50	11.27	50.15	32.73	9.27	8.05	2.5	3.405	104.1
442	4/3/2013 5:15:50	11.19	49.96	32.58	9.27	8.05	2.5	3.455	103.8
443	4/3/2013 5:30:50	11.10	50.35	32.87	9.20	8.04	2.1	3.490	103.0
444	4/3/2013 5:45:51	11.06	50.45	32.93	9.15	8.04	1.9	3.504	102.4
445	4/3/2013 6:00:50	11.34	50.12	32.71	9.10	8.04	2.6	3.514	102.3
446	4/3/2013 6:15:50	11.10	50.22	32.77	9.09	8.04	2.1	3.504	101.7
447	4/3/2013 6:30:50	11.07	50.42	32.91	9.17	8.04	2.1	3.475	102.6
448	4/3/2013 6:45:51	11.63	50.11	32.72	8.93	8.03	5.3	3.430	100.9
449	4/3/2013 7:00:50	11.59	49.87	32.54	8.87	8.03	3.1	3.367	100.1
450	4/3/2013 7:15:50	12.02	49.69	32.44	8.70	8.03	3.3	3.294	99.1
451	4/3/2013 7:30:50	11.89	49.85	32.54	8.80	8.03	2.9	3.229	100.0
452	4/3/2013 7:45:50	12.00	49.69	32.43	8.75	8.03	3.1	3.129	99.5
453	4/3/2013 8:00:51	12.16	49.59	32.36	8.66	8.02	2.9	3.047	98.9
454	4/3/2013 8:15:50	12.22	49.27	32.14	8.63	8.02	3.1	2.960	98.5
455	4/3/2013 8:30:50	12.28	49.46	32.28	8.63	8.02	3.3	2.869	98.7
456	4/3/2013 8:45:50	12.34	49.52	32.32	8.58	8.02	3.4	2.767	98.2
457	4/3/2013 9:00:50	12.33	49.52	32.32	8.70	8.03	3.1	2.661	99.6
458	4/3/2013 9:15:50	12.60	48.97	31.93	8.80	8.04	3.4	2.554	101.1
459	4/3/2013 9:30:50	12.94	48.98	31.95	8.60	8.04	4.5	2.451	99.5
460	4/3/2013 9:45:50	12.83	49.05	32.00	8.75	8.05	3.6	2.349	101.1
461	4/3/2013 10:00:50	13.02	48.86	31.87	8.92	8.05	3.4	2.224	103.3
462	4/3/2013 10:15:50	13.17	48.86	31.88	9.03	8.07	3.9	2.116	104.9
463	4/3/2013 10:30:50	13.36	48.73	31.79	8.97	8.07	3.6	2.010	104.6
464	4/3/2013 10:45:50	13.58	48.26	31.46	9.14	8.10	3.7	1.876	106.8
465	4/3/2013 11:00:50	13.59	48.51	31.64	9.23	8.10	4.1	1.785	108.0
466	4/3/2013 11:15:50	13.64	48.51	31.64	9.11	8.09	3.2	1.694	106.6
467	4/3/2013 11:30:50	13.72	48.59	31.70	9.26	8.10	3.3	1.584	108.7
468	4/3/2013 11:45:50	13.88	48.40	31.57	9.27	8.11	4.2	1.515	109.0
469	4/3/2013 12:00:50	13.98	48.25	31.46	9.22	8.12	3.1	1.466	108.6
470	4/3/2013 12:15:50	14.10	48.36	31.54	9.29	8.12	3.2	1.427	109.8
471	4/3/2013 12:30:50	14.17	48.27	31.48	9.13	8.11	3.6	1.409	108.0
472	4/3/2013 12:45:50	13.97	48.39	31.56	9.09	8.10	2.8	1.422	107.1
473	4/3/2013 13:00:50	13.97	48.31	31.51	9.07	8.10	2.6	1.443	106.9
474	4/3/2013 13:15:50	13.96	48.37	31.55	9.07	8.10	2.6	1.480	106.9
475	4/3/2013 13:30:50	13.98	48.29	31.49	9.06	8.10	3.4	1.519	106.8
476	4/3/2013 13:45:50	14.00	48.31	31.51	9.03	8.09	3.5	1.567	106.5

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	4/3/2013 14:00:50	14.06	47.69	31.05	8.98	8.09	4.6	1.639	105.7
478	4/3/2013 14:15:50	14.03	47.67	31.04	8.97	8.09	3.7	1.685	105.5
479	4/3/2013 14:30:50	14.00	47.54	30.94	8.91	8.08	3.8	1.738	104.7
480	4/3/2013 14:45:50	13.89	47.77	31.11	8.86	8.08	3.6	1.817	104.0
481	4/3/2013 15:00:50	13.93	47.76	31.10	8.90	8.08	3.8	1.884	104.5
482	4/3/2013 15:15:50	13.96	47.98	31.26	8.91	8.08	3.5	1.948	104.8
483	4/3/2013 15:30:50	13.70	48.23	31.43	8.71	8.06	2.8	2.035	102.0
484	4/3/2013 15:45:50	13.50	48.46	31.60	8.57	8.05	2.8	2.110	100.1
485	4/3/2013 16:00:50	13.21	48.69	31.75	8.55	8.03	3.1	2.195	99.4
486	4/3/2013 16:15:50	13.09	48.87	31.88	8.62	8.03	2.8	2.280	100.0
487	4/3/2013 16:30:50	13.06	48.97	31.95	8.63	8.03	2.6	2.354	100.1
488	4/3/2013 16:45:50	13.04	49.05	32.01	8.66	8.03	2.7	2.444	100.4
489	4/3/2013 17:00:50	13.03	49.11	32.05	8.68	8.03	2.8	2.525	100.7
490	4/3/2013 17:15:50	12.89	49.23	32.14	8.66	8.03	2.8	2.592	100.2
491	4/3/2013 17:30:50	12.86	49.21	32.12	8.65	8.03	2.8	2.666	100.0
492	4/3/2013 17:45:50	12.72	49.27	32.16	8.67	8.02	2.9	2.741	100.0
493	4/3/2013 18:00:50	12.61	49.36	32.22	8.70	8.02	3.1	2.806	100.1
494	4/3/2013 18:15:51	12.49	49.54	32.35	8.85	8.03	3.3	2.864	101.7
495	4/3/2013 18:30:50	12.39	49.31	32.18	8.97	8.04	2.8	2.926	102.7
496	4/3/2013 18:45:50	12.31	49.59	32.37	8.96	8.04	2.6	2.977	102.6
497	4/3/2013 19:00:50	12.24	49.47	32.28	8.98	8.04	2.8	3.036	102.6
498	4/3/2013 19:15:50	12.08	49.76	32.49	9.01	8.04	2.6	3.078	102.7
499	4/3/2013 19:30:50	11.92	49.84	32.53	9.04	8.04	2.1	3.103	102.7
500	4/3/2013 19:45:51	11.78	50.03	32.66	9.04	8.04	2.0	3.152	102.5
501	4/3/2013 20:00:50	11.69	50.10	32.71	9.05	8.03	1.7	3.160	102.5
502	4/3/2013 20:15:50	11.67	50.12	32.72	9.01	8.04	2.3	3.152	102.0
503	4/3/2013 20:30:50	11.67	50.07	32.69	9.01	8.03	2.3	3.143	102.0
504	4/3/2013 20:45:50	11.72	50.15	32.75	9.00	8.03	2.3	3.110	102.0
505	4/3/2013 21:00:50	11.92	49.90	32.58	8.92	8.03	2.3	3.060	101.4
506	4/3/2013 21:15:50	12.56	49.25	32.14	8.57	8.03	2.9	3.008	98.5
507	4/3/2013 21:30:50	12.62	49.38	32.23	8.60	8.03	3.4	2.928	99.0
508	4/3/2013 21:45:51	12.45	49.52	32.33	8.63	8.03	4.3	2.877	99.0
509	4/3/2013 22:00:50	12.49	49.45	32.28	8.62	8.03	3.4	2.801	98.9
510	4/3/2013 22:15:50	12.73	49.30	32.18	8.66	8.04	3.1	2.738	99.9
511	4/3/2013 22:30:50	12.82	49.26	32.15	8.60	8.03	3.1	2.681	99.4
512	4/3/2013 22:45:50	12.86	49.17	32.09	8.54	8.03	2.7	2.619	98.7
513	4/3/2013 23:00:50	12.95	49.13	32.06	8.45	8.03	3.0	2.568	97.8
514	4/3/2013 23:15:50	13.01	49.12	32.06	8.29	8.02	3.2	2.500	96.1
515	4/3/2013 23:30:50	13.01	48.99	31.97	8.29	8.02	3.2	2.459	96.1
516	4/3/2013 23:45:50	13.13	48.81	31.84	8.44	8.03	3.2	2.404	97.9
517	4/4/2013 0:00:50	13.13	48.77	31.81	8.41	8.03	3.1	2.363	97.6
518	4/4/2013 0:15:50	13.17	48.77	31.81	8.40	8.03	2.9	2.338	97.5
519	4/4/2013 0:30:50	13.31	48.51	31.63	8.44	8.04	2.6	2.316	98.2
520	4/4/2013 0:45:50	13.32	48.51	31.63	8.43	8.04	2.8	2.273	98.1
521	4/4/2013 1:00:50	13.18	48.77	31.81	7.99	8.01	2.3	2.292	92.8
522	4/4/2013 1:15:50	13.12	48.90	31.91	8.33	8.02	2.6	2.294	96.7
523	4/4/2013 1:30:50	13.11	48.79	31.83	8.29	8.02	3.1	2.305	96.2
524	4/4/2013 1:45:50	13.09	48.85	31.87	8.30	8.02	2.9	2.328	96.3
525	4/4/2013 2:00:50	13.09	48.85	31.86	8.27	8.02	3.7	2.364	96.0
526	4/4/2013 2:15:51	13.03	48.99	31.97	8.29	8.01	3.1	2.408	96.1
527	4/4/2013 2:30:50	13.02	48.90	31.90	8.34	8.02	2.8	2.446	96.6
528	4/4/2013 2:45:50	12.97	48.97	31.95	8.32	8.01	2.6	2.512	96.3
529	4/4/2013 3:00:50	12.92	48.73	31.77	8.32	8.01	2.8	2.558	96.1

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
530	4/4/2013 3:15:50	12.83	49.17	32.09	8.35	8.01	3.2	2.617	96.4
531	4/4/2013 3:30:50	12.64	49.19	32.09	8.40	8.01	2.8	2.678	96.7
532	4/4/2013 3:45:50	12.45	49.33	32.19	8.49	8.01	2.9	2.746	97.4
533	4/4/2013 4:00:50	12.25	49.24	32.12	8.62	8.02	2.7	2.794	98.4
534	4/4/2013 4:15:50	12.17	49.47	32.28	8.65	8.02	2.7	2.851	98.7
535	4/4/2013 4:30:50	12.06	49.37	32.20	8.72	8.02	2.6	2.921	99.1
536	4/4/2013 4:45:50	11.98	49.68	32.42	8.75	8.02	2.8	2.988	99.5
537	4/4/2013 5:00:50	11.85	49.70	32.43	8.79	8.02	2.7	3.051	99.7
538	4/4/2013 5:15:50	11.70	49.85	32.53	8.80	8.02	2.8	3.107	99.6
539	4/4/2013 5:30:50	11.63	50.00	32.64	8.82	8.02	2.6	3.174	99.7
540	4/4/2013 5:45:51	11.54	49.95	32.60	8.83	8.02	2.6	3.235	99.6
541	4/4/2013 6:00:50	11.40	50.10	32.70	8.86	8.02	2.6	3.275	99.7
542	4/4/2013 6:15:50	11.27	50.04	32.65	8.86	8.02	2.4	3.325	99.4
543	4/4/2013 6:30:51	11.13	50.35	32.86	8.85	8.02	2.2	3.376	99.2
544	4/4/2013 6:45:51	11.07	50.22	32.77	8.83	8.02	2.3	3.402	98.7
545	4/4/2013 7:00:51	10.97	50.44	32.92	8.78	8.02	1.8	3.431	98.0
546	4/4/2013 7:15:50	10.95	50.35	32.86	8.64	8.00	1.6	3.442	96.4
547	4/4/2013 7:30:51	11.68	49.94	32.60	8.65	8.01	2.8	3.436	97.9
548	4/4/2013 7:45:51	11.23	50.10	32.69	8.55	8.01	1.6	3.418	95.8
549	4/4/2013 8:00:51	11.44	49.82	32.50	8.72	8.01	3.2	3.390	98.1
550	4/4/2013 8:15:50	11.64	49.78	32.48	8.72	8.01	3.0	3.341	98.4
551	4/4/2013 8:30:51	11.71	49.67	32.40	8.68	8.01	3.3	3.270	98.1
552	4/4/2013 8:45:51	11.56	50.00	32.64	8.78	8.02	2.9	3.213	99.1
553	4/4/2013 9:00:50	11.83	49.71	32.44	8.73	8.02	3.1	3.130	99.0
554	4/4/2013 9:15:50	12.14	49.59	32.37	8.59	8.01	3.0	3.044	98.0
555	4/4/2013 9:30:50	12.24	49.28	32.14	8.59	8.01	3.0	2.963	98.0
556	4/4/2013 9:45:50	12.38	49.33	32.19	8.52	8.01	3.7	2.871	97.6
557	4/4/2013 10:00:51	12.58	49.15	32.06	8.48	8.01	4.7	2.777	97.4
558	4/4/2013 10:15:51	12.67	48.97	31.94	8.46	8.01	4.0	2.682	97.3
559	4/4/2013 10:30:50	12.82	48.80	31.82	8.47	8.01	3.7	2.584	97.6
560	4/4/2013 10:45:50	12.87	48.82	31.84	8.55	8.02	3.9	2.480	98.7
561	4/4/2013 11:00:50	13.08	48.70	31.76	8.81	8.06	4.2	2.373	102.0
562	4/4/2013 11:15:50	13.30	48.52	31.64	8.79	8.08	4.3	2.270	102.3
563	4/4/2013 11:30:50	13.31	48.41	31.56	9.02	8.08	3.5	2.155	104.9
564	4/4/2013 11:45:51	13.28	48.62	31.70	8.90	8.07	3.6	2.051	103.5
565	4/4/2013 12:00:50	13.36	48.34	31.51	8.98	8.07	4.6	1.937	104.5
566	4/4/2013 12:15:50	13.53	48.16	31.38	8.93	8.08	3.4	1.837	104.2
567	4/4/2013 12:30:50	13.68	48.20	31.41	9.03	8.09	3.6	1.744	105.7
568	4/4/2013 12:45:50	13.83	48.06	31.32	9.07	8.11	4.1	1.659	106.5
569	4/4/2013 13:00:50	13.91	48.21	31.43	8.98	8.11	3.4	1.598	105.6
570	4/4/2013 13:15:50	13.96	48.15	31.39	8.89	8.10	3.1	1.542	104.6
571	4/4/2013 13:30:50	13.97	47.97	31.26	9.08	8.11	3.9	1.497	106.8
572	4/4/2013 13:45:50	13.93	48.00	31.28	8.91	8.09	4.2	1.497	104.7
573	4/4/2013 14:00:50	13.92	48.18	31.41	8.98	8.09	5.1	1.514	105.6
574	4/4/2013 14:15:50	13.92	48.13	31.37	8.92	8.09	8.5	1.521	104.9
575	4/4/2013 14:30:50	13.88	47.97	31.25	8.87	8.08	6.6	1.578	104.2
576	4/4/2013 14:45:50	13.87	48.17	31.40	8.83	8.08	6.7	1.637	103.7
577	4/4/2013 15:00:50	14.14	46.70	30.34	8.87	8.10	7.9	1.685	104.2
578	4/4/2013 15:15:50	14.19	46.73	30.36	8.85	8.10	6.4	1.750	103.9
579	4/4/2013 15:30:50	14.17	47.01	30.57	8.85	8.09	6.8	1.813	104.0
580	4/4/2013 15:45:50	14.02	47.14	30.66	8.79	8.08	5.7	1.874	103.1
581	4/4/2013 16:00:50	13.90	47.46	30.88	8.74	8.07	4.3	1.948	102.4
582	4/4/2013 16:15:50	13.80	47.78	31.12	8.68	8.06	3.5	2.019	101.7

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
583	4/4/2013 16:30:50	13.71	47.80	31.12	8.65	8.06	3.2	2.092	101.1
584	4/4/2013 16:45:50	13.54	48.02	31.28	8.60	8.05	3.1	2.174	100.3
585	4/4/2013 17:00:50	13.28	48.40	31.55	8.58	8.03	3.5	2.253	99.7
586	4/4/2013 17:15:50	13.33	48.54	31.65	8.61	8.03	3.7	2.336	100.2
587	4/4/2013 17:30:50	13.32	48.66	31.74	8.60	8.02	3.4	2.415	100.1
588	4/4/2013 17:45:50	13.23	48.77	31.81	8.59	8.02	3.7	2.498	99.9
589	4/4/2013 18:00:50	13.10	48.87	31.88	8.58	8.02	4.2	2.579	99.5
590	4/4/2013 18:15:50	12.94	48.97	31.95	8.57	8.01	4.7	2.664	99.1
591	4/4/2013 18:30:50	12.83	48.98	31.95	8.57	8.01	4.8	2.738	98.9
592	4/4/2013 18:45:50	12.73	49.05	32.00	8.56	8.01	4.0	2.814	98.6
593	4/4/2013 19:00:51	12.55	49.28	32.16	8.57	8.01	4.1	2.882	98.5
594	4/4/2013 19:15:50	12.39	49.16	32.06	8.69	8.01	4.2	2.956	99.5
595	4/4/2013 19:30:50	12.26	49.49	32.29	8.77	8.01	4.4	3.037	100.2
596	4/4/2013 19:45:50	12.15	49.43	32.25	8.82	8.02	4.5	3.101	100.5
597	4/4/2013 20:00:51	12.07	49.60	32.37	8.85	8.02	4.1	3.156	100.8
598	4/4/2013 20:15:50	11.97	49.68	32.43	8.86	8.02	3.6	3.215	100.7
599	4/4/2013 20:30:51	11.77	49.94	32.60	8.91	8.02	3.1	3.261	101.0
600	4/4/2013 20:45:50	11.67	50.04	32.67	8.96	8.02	2.9	3.295	101.4
601	4/4/2013 21:00:51	11.64	49.98	32.63	8.92	8.02	2.6	3.321	100.8
602	4/4/2013 21:15:50	11.75	49.95	32.61	8.85	8.02	2.8	3.326	100.3
603	4/4/2013 21:30:50	11.63	49.87	32.54	8.88	8.02	2.5	3.300	100.3
604	4/4/2013 21:45:50	11.67	50.04	32.67	8.88	8.02	2.9	3.277	100.4
605	4/4/2013 22:00:50	11.86	49.86	32.55	8.79	8.02	3.0	3.238	99.8
606	4/4/2013 22:15:50	12.22	49.53	32.33	8.64	8.01	3.2	3.177	98.7
607	4/4/2013 22:30:50	12.21	49.40	32.23	8.65	8.01	3.9	3.097	98.7
608	4/4/2013 22:45:50	12.59	49.01	31.96	8.48	8.01	3.9	3.024	97.4
609	4/4/2013 23:00:50	12.66	48.97	31.93	8.44	8.01	4.2	2.936	97.1
610	4/4/2013 23:15:50	12.84	48.81	31.83	8.42	8.01	3.9	2.863	97.1
611	4/4/2013 23:30:50	12.91	48.83	31.85	8.31	8.01	4.1	2.790	96.0
612	4/4/2013 23:45:50	12.95	48.95	31.93	8.25	8.00	3.8	2.715	95.5
613	4/5/2013 0:00:50	12.96	48.92	31.91	8.18	8.00	4.0	2.645	94.6
614	4/5/2013 0:15:50	12.89	48.78	31.81	8.28	8.00	4.3	2.569	95.6
615	4/5/2013 0:30:50	12.91	48.92	31.91	8.34	8.01	4.3	2.506	96.4
616	4/5/2013 0:45:50	13.07	48.56	31.66	8.28	8.01	3.7	2.447	95.9
617	4/5/2013 1:00:50	13.20	48.52	31.63	8.31	8.02	3.6	2.378	96.4
618	4/5/2013 1:15:50	13.32	48.33	31.49	8.31	8.02	3.5	2.335	96.7
619	4/5/2013 1:30:50	13.31	48.31	31.48	8.24	8.02	3.5	2.286	95.7
620	4/5/2013 1:45:50	13.46	48.07	31.31	8.26	8.03	3.4	2.249	96.2
621	4/5/2013 2:00:50	13.55	48.08	31.33	8.26	8.03	3.4	2.215	96.4
622	4/5/2013 2:15:50	13.64	47.84	31.15	8.31	8.04	3.2	2.197	97.1
623	4/5/2013 2:30:50	13.49	48.09	31.33	8.04	8.01	3.0	2.200	93.7
624	4/5/2013 2:45:51	13.38	48.36	31.52	8.10	8.01	3.2	2.198	94.3
625	4/5/2013 3:00:50	13.35	48.14	31.36	8.13	8.01	3.7	2.225	94.4
626	4/5/2013 3:15:50	13.33	48.23	31.42	8.16	8.01	3.5	2.254	94.9
627	4/5/2013 3:30:50	13.29	48.24	31.43	8.12	8.00	3.6	2.298	94.3
628	4/5/2013 3:45:50	13.25	48.34	31.50	8.19	8.01	4.2	2.360	95.1
629	4/5/2013 4:00:50	13.23	48.31	31.48	8.16	8.00	3.5	2.414	94.7
630	4/5/2013 4:15:50	13.17	48.41	31.55	8.13	8.00	4.2	2.486	94.2
631	4/5/2013 4:30:50	13.11	48.53	31.64	8.15	8.00	3.7	2.548	94.4
632	4/5/2013 4:45:50	12.97	48.68	31.74	8.14	7.99	3.6	2.612	94.1
633	4/5/2013 5:00:50	12.85	48.69	31.74	8.14	7.99	3.4	2.680	93.9
634	4/5/2013 5:15:50	12.72	48.76	31.79	8.22	7.99	3.1	2.747	94.5
635	4/5/2013 5:30:50	12.65	48.93	31.91	8.26	7.99	3.2	2.813	95.0

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	4/5/2013 5:45:50	12.49	49.12	32.04	8.32	7.99	3.0	2.874	95.4
637	4/5/2013 6:00:50	12.39	49.10	32.02	8.37	7.99	3.2	2.949	95.7
638	4/5/2013 6:15:50	12.28	49.34	32.19	8.40	7.99	3.3	3.012	96.0
639	4/5/2013 6:30:51	12.21	49.42	32.24	8.38	7.99	2.9	3.080	95.7
640	4/5/2013 6:45:51	12.05	49.43	32.24	8.43	7.99	3.2	3.145	95.9
641	4/5/2013 7:00:51	11.92	49.34	32.17	8.52	7.99	3.4	3.208	96.6
642	4/5/2013 7:15:51	11.80	49.57	32.33	8.58	8.00	3.4	3.272	97.1
643	4/5/2013 7:30:50	11.59	49.56	32.32	8.65	8.00	2.8	3.328	97.5
644	4/5/2013 7:45:50	11.52	49.66	32.39	8.65	8.00	2.8	3.374	97.4
645	4/5/2013 8:00:50	11.43	49.84	32.51	8.66	8.00	2.6	3.406	97.3
646	4/5/2013 8:15:51	11.33	49.77	32.46	8.66	8.00	2.3	3.442	97.2
647	4/5/2013 8:30:50	11.29	49.79	32.47	8.70	8.00	1.8	3.453	97.6
648	4/5/2013 8:45:50	11.38	49.69	32.40	8.63	8.00	2.5	3.444	96.9
649	4/5/2013 9:00:50	11.36	49.92	32.57	8.60	7.99	2.1	3.434	96.6
650	4/5/2013 9:15:51	11.44	49.81	32.49	8.60	7.99	2.3	3.405	96.7
651	4/5/2013 9:30:50	12.29	49.33	32.18	8.39	7.99	3.1	3.339	95.9
652	4/5/2013 9:45:51	12.02	49.42	32.24	8.43	7.99	3.1	3.273	95.9
653	4/5/2013 10:00:50	12.26	49.13	32.04	8.37	7.99	3.6	3.199	95.5
654	4/5/2013 10:15:50	12.63	48.99	31.95	8.43	8.00	3.4	3.115	96.9
655	4/5/2013 10:30:50	12.52	48.82	31.83	8.49	8.00	3.6	3.024	97.3
656	4/5/2013 10:45:50	12.69	49.06	32.00	8.49	8.00	3.9	2.926	97.7
657	4/5/2013 11:00:50	12.87	49.05	32.00	8.56	8.01	3.8	2.838	98.9
658	4/5/2013 11:15:50	13.02	48.99	31.96	8.64	8.02	3.9	2.751	100.1
659	4/5/2013 11:30:51	13.12	48.98	31.96	8.60	8.02	4.0	2.639	99.9
660	4/5/2013 11:45:50	13.32	48.58	31.68	8.69	8.03	4.8	2.536	101.2
661	4/5/2013 12:00:50	13.48	48.49	31.62	8.81	8.04	4.8	2.440	102.8
662	4/5/2013 12:15:50	13.66	48.47	31.61	8.81	8.05	4.7	2.337	103.2
663	4/5/2013 12:30:50	13.85	48.32	31.51	9.07	8.07	4.7	2.210	106.6
664	4/5/2013 12:45:50	14.07	48.19	31.42	9.11	8.08	5.1	2.094	107.5
665	4/5/2013 13:00:50	14.24	48.21	31.44	9.06	8.09	5.8	1.989	107.2
666	4/5/2013 13:15:50	14.47	47.98	31.28	9.11	8.11	6.5	1.894	108.2
667	4/5/2013 13:30:50	14.56	47.80	31.15	9.10	8.11	6.1	1.801	108.3
668	4/5/2013 13:45:50	14.64	47.65	31.05	9.06	8.11	6.0	1.688	107.9
669	4/5/2013 14:00:50	14.76	47.72	31.10	9.08	8.12	6.5	1.634	108.4
670	4/5/2013 14:15:50	14.78	47.69	31.07	9.05	8.11	6.4	1.581	108.2
671	4/5/2013 14:30:50	14.84	47.54	30.97	9.13	8.13	6.4	1.514	109.2
672	4/5/2013 14:45:50	14.81	47.71	31.09	8.76	8.11	7.5	1.513	104.7
673	4/5/2013 15:00:50	14.56	47.85	31.19	8.82	8.10	4.8	1.510	105.0
674	4/5/2013 15:15:50	14.62	47.68	31.07	8.92	8.10	7.6	1.558	106.2
675	4/5/2013 15:30:50	14.58	47.73	31.10	8.92	8.10	6.2	1.566	106.2
676	4/5/2013 15:45:50	14.51	47.70	31.08	8.91	8.10	5.1	1.615	105.8
677	4/5/2013 16:00:50	14.49	47.27	30.77	8.85	8.09	4.3	1.678	104.8
678	4/5/2013 16:15:50	14.48	47.22	30.73	8.81	8.08	4.3	1.731	104.4
679	4/5/2013 16:30:50	14.43	46.85	30.46	8.76	8.07	4.5	1.818	103.5
680	4/5/2013 16:45:50	14.35	46.74	30.38	8.72	8.06	5.3	1.876	102.8
681	4/5/2013 17:00:50	14.32	47.04	30.60	8.70	8.06	4.2	1.970	102.7
682	4/5/2013 17:15:50	14.20	47.44	30.88	8.63	8.06	3.9	2.075	101.7
683	4/5/2013 17:30:50	14.09	47.38	30.84	8.57	8.05	3.7	2.163	100.8
684	4/5/2013 17:45:50	13.91	47.61	31.00	8.56	8.04	3.7	2.262	100.4
685	4/5/2013 18:00:51	13.67	48.13	31.36	8.45	8.02	4.0	2.313	98.9
686	4/5/2013 18:15:50	13.50	48.34	31.51	8.43	8.01	3.9	2.410	98.4
687	4/5/2013 18:30:51	13.44	48.64	31.72	8.43	8.00	4.2	2.514	98.4
688	4/5/2013 18:45:50	13.36	48.52	31.63	8.47	8.00	4.5	2.620	98.6

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
689	4/5/2013 19:00:50	13.25	48.51	31.62	8.46	8.00	5.3	2.673	98.2
690	4/5/2013 19:15:50	13.10	48.67	31.74	8.46	8.00	5.4	2.748	98.0
691	4/5/2013 19:30:50	12.97	48.77	31.81	8.46	7.99	5.2	2.837	97.8
692	4/5/2013 19:45:50	12.80	48.78	31.80	8.50	7.99	5.7	2.910	98.0
693	4/5/2013 20:00:50	12.58	49.06	32.00	8.60	7.99	5.6	3.007	98.8
694	4/5/2013 20:15:50	12.45	49.17	32.07	8.63	7.99	4.9	3.101	98.9
695	4/5/2013 20:30:50	12.33	48.97	31.93	8.70	8.00	4.7	3.164	99.3
696	4/5/2013 20:45:50	12.13	49.29	32.15	8.82	8.00	4.3	3.221	100.5
697	4/5/2013 21:00:51	11.92	49.62	32.37	9.00	8.01	4.3	3.276	102.2
698	4/5/2013 21:15:50	11.79	49.58	32.34	9.06	8.02	3.8	3.365	102.5
699	4/5/2013 21:30:50	11.73	49.52	32.29	9.13	8.02	3.3	3.389	103.2
700	4/5/2013 21:45:50	11.67	49.49	32.27	9.11	8.02	2.6	3.419	102.9
701	4/5/2013 22:00:50	11.67	49.74	32.45	8.94	8.01	2.8	3.447	101.0
702	4/5/2013 22:15:50	11.82	49.30	32.14	8.95	8.01	4.2	3.459	101.2
703	4/5/2013 22:30:50	11.72	49.49	32.27	9.05	8.01	3.0	3.386	102.2
704	4/5/2013 22:45:50	11.94	49.53	32.31	8.87	8.01	2.9	3.361	100.7
705	4/5/2013 23:00:50	12.01	49.37	32.20	8.81	8.01	3.7	3.307	100.1
706	4/5/2013 23:15:50	12.15	49.34	32.18	8.75	8.00	4.2	3.214	99.8
707	4/5/2013 23:30:50	12.38	49.14	32.05	8.58	8.00	4.4	3.132	98.1
708	4/5/2013 23:45:50	12.41	49.10	32.02	8.57	8.00	4.3	3.080	98.1
709	4/6/2013 0:00:50	12.71	48.87	31.87	8.43	8.00	5.2	2.961	97.0
710	4/6/2013 0:15:50	12.78	48.73	31.77	8.38	7.99	5.6	2.889	96.5
711	4/6/2013 0:30:50	12.91	48.73	31.77	8.24	7.99	4.7	2.818	95.2
712	4/6/2013 0:45:50	13.01	48.66	31.72	8.14	7.98	5.1	2.722	94.1
713	4/6/2013 1:00:50	13.06	48.65	31.72	8.15	7.99	5.8	2.627	94.3
714	4/6/2013 1:15:50	13.01	48.54	31.64	8.22	7.99	4.3	2.575	95.0
715	4/6/2013 1:30:50	13.26	48.30	31.47	8.23	8.00	4.7	2.484	95.6
716	4/6/2013 1:45:50	13.43	47.50	30.90	8.24	8.00	4.5	2.415	95.7
717	4/6/2013 2:00:50	13.33	47.87	31.17	8.22	8.00	4.4	2.340	95.4
718	4/6/2013 2:15:50	13.36	47.74	31.07	8.19	8.00	4.7	2.281	95.1
719	4/6/2013 2:30:50	13.49	47.55	30.93	8.18	8.00	4.3	2.187	95.1
720	4/6/2013 2:45:50	13.56	47.39	30.83	8.20	8.01	4.2	2.138	95.4
721	4/6/2013 3:00:50	13.71	47.29	30.75	8.21	8.02	4.3	2.122	95.8
722	4/6/2013 3:15:50	13.72	47.12	30.63	8.20	8.02	4.7	2.049	95.6
723	4/6/2013 3:30:50	13.59	47.20	30.69	7.93	7.99	3.8	2.017	92.3
724	4/6/2013 3:45:50	13.59	47.41	30.84	7.99	7.99	3.8	2.057	93.1
725	4/6/2013 4:00:50	13.57	47.46	30.88	7.98	7.99	3.9	2.028	92.9
726	4/6/2013 4:15:50	13.56	47.69	31.04	8.05	8.00	4.7	2.100	93.8
727	4/6/2013 4:30:50	13.55	47.77	31.10	8.04	8.00	4.3	2.147	93.7
728	4/6/2013 4:45:50	13.62	47.00	30.54	8.11	8.00	5.1	2.214	94.3
729	4/6/2013 5:00:50	13.52	47.60	30.97	8.05	7.99	4.2	2.255	93.7
730	4/6/2013 5:15:50	13.47	47.65	31.01	8.03	7.99	4.2	2.330	93.3
731	4/6/2013 5:30:50	13.40	47.81	31.12	8.06	7.99	4.0	2.440	93.6
732	4/6/2013 5:45:50	13.31	47.86	31.15	8.04	7.98	3.8	2.501	93.3
733	4/6/2013 6:00:50	13.21	48.13	31.35	8.02	7.98	3.6	2.557	93.0
734	4/6/2013 6:15:50	13.02	48.41	31.54	8.08	7.97	3.7	2.649	93.4
735	4/6/2013 6:30:50	12.93	48.66	31.72	8.17	7.97	3.8	2.692	94.4
736	4/6/2013 6:45:50	12.87	48.63	31.70	8.23	7.97	3.9	2.780	94.9
737	4/6/2013 7:00:50	12.85	48.80	31.82	8.26	7.98	3.8	2.860	95.2
738	4/6/2013 7:15:50	12.79	48.80	31.82	8.25	7.98	3.9	2.923	95.1
739	4/6/2013 7:30:50	12.68	48.80	31.82	8.28	7.98	3.9	3.003	95.2
740	4/6/2013 7:45:50	12.51	48.85	31.84	8.33	7.98	3.7	3.070	95.4
741	4/6/2013 8:00:50	12.33	49.01	31.95	8.41	7.98	4.5	3.118	96.0

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
742	4/6/2013 8:15:50	12.15	48.89	31.86	8.50	7.98	3.7	3.204	96.7
743	4/6/2013 8:30:50	11.99	49.26	32.12	8.60	7.98	3.5	3.263	97.6
744	4/6/2013 8:45:50	11.87	49.39	32.21	8.65	7.98	3.6	3.344	98.0
745	4/6/2013 9:00:50	11.72	49.46	32.25	8.76	7.99	3.2	3.375	99.0
746	4/6/2013 9:15:50	11.64	49.49	32.27	8.79	7.99	3.1	3.443	99.2
747	4/6/2013 9:30:50	11.58	49.06	31.95	8.68	7.98	2.3	3.463	97.6
748	4/6/2013 9:45:50	11.48	49.48	32.25	8.72	7.98	2.2	3.483	98.1
749	4/6/2013 10:00:50	11.57	49.30	32.12	8.77	7.99	2.3	3.461	98.7
750	4/6/2013 10:15:50	11.52	49.51	32.28	8.82	7.99	2.7	3.439	99.2
751	4/6/2013 10:30:50	11.57	49.47	32.25	8.78	7.99	3.2	3.412	98.9
752	4/6/2013 10:45:50	12.18	49.12	32.02	8.71	8.00	3.4	3.345	99.2
753	4/6/2013 11:00:50	12.59	48.94	31.91	8.71	8.00	4.0	3.290	100.0
754	4/6/2013 11:15:50	12.50	49.00	31.95	8.68	8.00	3.6	3.180	99.5
755	4/6/2013 11:30:50	12.86	48.83	31.84	8.85	8.01	3.7	3.084	102.2
756	4/6/2013 11:45:50	13.02	48.67	31.73	8.70	8.01	5.2	2.990	100.7
757	4/6/2013 12:00:50	13.18	48.77	31.81	8.72	8.01	4.1	2.898	101.3
758	4/6/2013 12:15:50	13.46	48.33	31.50	8.84	8.02	4.2	2.814	103.1
759	4/6/2013 12:30:50	13.61	48.49	31.62	8.92	8.03	4.5	2.704	104.4
760	4/6/2013 12:45:50	13.78	48.47	31.61	8.97	8.04	4.5	2.610	105.3
761	4/6/2013 13:00:50	13.90	48.37	31.54	9.23	8.05	4.7	2.499	108.6
762	4/6/2013 13:15:50	14.00	48.17	31.40	9.08	8.05	5.3	2.389	107.0
763	4/6/2013 13:30:50	14.10	48.16	31.40	9.15	8.06	5.9	2.283	108.0
764	4/6/2013 13:45:50	14.37	48.10	31.37	9.27	8.08	6.9	2.167	110.0
765	4/6/2013 14:00:50	14.55	47.92	31.24	9.26	8.09	6.1	2.074	110.3
766	4/6/2013 14:15:50	14.79	47.93	31.25	9.44	8.11	6.7	1.953	112.9
767	4/6/2013 14:30:50	14.87	47.67	31.06	9.41	8.12	8.0	1.823	112.6
768	4/6/2013 14:45:50	14.92	47.52	30.95	9.39	8.12	7.3	1.786	112.4
769	4/6/2013 15:00:50	15.06	47.63	31.04	9.40	8.13	8.0	1.676	112.9
770	4/6/2013 15:15:50	15.07	47.66	31.06	9.36	8.13	6.8	1.604	112.5
771	4/6/2013 15:30:50	15.03	47.56	30.99	9.34	8.13	5.6	1.557	112.0
772	4/6/2013 15:45:50	15.05	47.40	30.87	9.32	8.13	6.2	1.534	111.8
773	4/6/2013 16:00:50	15.01	47.61	31.02	9.28	8.12	6.2	1.555	111.3
774	4/6/2013 16:15:50	14.91	47.45	30.91	9.27	8.12	5.6	1.592	110.9
775	4/6/2013 16:30:50	14.85	47.45	30.90	9.23	8.11	5.9	1.629	110.3
776	4/6/2013 16:45:50	14.82	46.94	30.54	9.18	8.10	7.8	1.684	109.4
777	4/6/2013 17:00:50	14.89	45.43	29.44	9.04	8.07	7.5	1.761	107.1
778	4/6/2013 17:15:50	14.85	45.46	29.47	9.00	8.07	6.7	1.842	106.6
779	4/6/2013 17:30:50	14.73	45.98	29.84	8.97	8.06	6.3	1.915	106.2
780	4/6/2013 17:45:50	14.60	46.59	30.27	8.93	8.06	6.3	2.048	105.8
781	4/6/2013 18:00:50	14.51	46.91	30.51	8.91	8.05	5.6	2.108	105.5
782	4/6/2013 18:15:50	14.44	47.07	30.62	8.86	8.05	4.0	2.203	104.8
783	4/6/2013 18:30:50	14.18	47.67	31.04	8.77	8.03	4.3	2.293	103.5
784	4/6/2013 18:45:50	13.87	48.00	31.28	8.64	8.01	4.4	2.363	101.5
785	4/6/2013 19:00:50	13.84	48.19	31.41	8.58	8.01	4.5	2.434	100.8
786	4/6/2013 19:15:50	13.75	48.24	31.45	8.56	8.00	4.8	2.529	100.4
787	4/6/2013 19:30:50	13.60	48.38	31.55	8.55	8.00	5.6	2.631	100.0
788	4/6/2013 19:45:50	13.46	48.08	31.32	8.58	8.00	6.0	2.722	99.9
789	4/6/2013 20:00:50	13.38	48.12	31.35	8.57	7.99	6.7	2.786	99.6
790	4/6/2013 20:15:50	13.25	48.22	31.42	8.56	7.99	5.8	2.858	99.3
791	4/6/2013 20:30:50	13.07	48.52	31.62	8.63	7.99	6.9	2.946	99.9
792	4/6/2013 20:45:50	12.79	48.84	31.85	8.76	7.99	5.3	3.036	101.0
793	4/6/2013 21:00:50	12.63	48.88	31.87	8.82	7.99	6.1	3.153	101.4
794	4/6/2013 21:15:50	12.40	48.73	31.75	8.96	7.99	5.8	3.213	102.4

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	4/6/2013 21:30:50	12.09	49.17	32.06	9.16	8.00	6.3	3.304	104.1
796	4/6/2013 21:45:51	11.90	49.48	32.27	9.23	7.99	5.4	3.362	104.7
797	4/6/2013 22:00:50	11.77	49.48	32.26	9.30	7.99	5.4	3.464	105.2
798	4/6/2013 22:15:50	11.70	49.57	32.33	9.31	7.99	4.9	3.502	105.1
799	4/6/2013 22:30:50	11.57	49.48	32.26	9.34	7.99	4.0	3.534	105.1
800	4/6/2013 22:45:50	11.49	49.75	32.45	9.32	7.98	3.2	3.570	104.9
801	4/6/2013 23:00:50	11.57	49.55	32.31	9.26	7.98	3.4	3.563	104.3
802	4/6/2013 23:15:50	11.53	49.74	32.44	9.27	7.98	3.7	3.521	104.4
803	4/6/2013 23:30:50	11.79	49.50	32.28	9.10	7.98	5.1	3.471	102.9
804	4/6/2013 23:45:50	12.66	48.71	31.75	8.59	7.99	4.6	3.414	98.7
805	4/7/2013 0:00:50	12.56	48.83	31.83	8.66	7.99	5.0	3.317	99.3
806	4/7/2013 0:15:50	12.45	48.91	31.89	8.80	7.99	5.4	3.210	100.7
807	4/7/2013 0:30:50	12.69	48.79	31.81	8.65	7.99	5.6	3.131	99.4
808	4/7/2013 0:45:50	12.88	48.70	31.75	8.55	7.99	5.7	3.029	98.7
809	4/7/2013 1:00:50	13.00	48.61	31.69	8.43	7.99	5.3	2.932	97.5
810	4/7/2013 1:15:50	13.09	48.58	31.67	8.32	7.98	5.0	2.812	96.3
811	4/7/2013 1:30:51	13.33	48.32	31.49	8.29	7.98	6.5	2.712	96.3
812	4/7/2013 1:45:50	13.49	48.01	31.27	8.30	7.99	6.0	2.636	96.7
813	4/7/2013 2:00:50	13.64	47.63	31.00	8.31	8.00	5.3	2.522	97.0
814	4/7/2013 2:15:51	13.24	48.13	31.35	8.37	7.99	5.1	2.405	97.1
815	4/7/2013 2:30:50	13.40	47.50	30.90	8.36	7.99	5.9	2.345	97.1
816	4/7/2013 2:45:50	13.69	47.18	30.67	8.29	8.00	5.6	2.227	96.7
817	4/7/2013 3:00:50	13.62	47.37	30.81	8.27	8.00	5.1	2.143	96.3
818	4/7/2013 3:15:50	13.71	47.21	30.70	8.27	8.00	5.0	2.037	96.4
819	4/7/2013 3:30:50	13.90	47.19	30.69	8.29	8.02	4.8	1.982	97.0
820	4/7/2013 3:45:50	14.04	47.05	30.60	8.29	8.03	4.7	1.895	97.3
821	4/7/2013 4:00:50	14.09	47.19	30.70	8.25	8.03	4.7	1.870	97.0
822	4/7/2013 4:15:50	14.17	46.97	30.54	8.24	8.04	4.4	1.821	96.9
823	4/7/2013 4:30:50	14.08	47.04	30.58	8.15	8.02	4.0	1.815	95.7
824	4/7/2013 4:45:50	14.05	47.04	30.59	8.12	8.01	4.0	1.826	95.3
825	4/7/2013 5:00:50	13.97	47.12	30.64	8.12	8.01	4.6	1.870	95.2
826	4/7/2013 5:15:50	13.98	47.15	30.66	8.18	8.01	4.3	1.910	96.0
827	4/7/2013 5:30:50	13.92	47.22	30.71	8.15	8.00	4.9	1.974	95.5
828	4/7/2013 5:45:50	13.93	46.76	30.38	8.16	8.00	4.4	2.048	95.4
829	4/7/2013 6:00:50	13.91	46.90	30.48	8.15	7.99	4.5	2.133	95.3
830	4/7/2013 6:15:50	13.86	47.07	30.60	8.11	7.99	4.5	2.204	94.8
831	4/7/2013 6:30:50	13.81	46.93	30.50	8.15	7.99	4.6	2.280	95.1
832	4/7/2013 6:45:50	13.66	47.19	30.69	8.14	7.98	4.8	2.367	94.8
833	4/7/2013 7:00:50	13.47	47.44	30.86	8.17	7.97	4.8	2.447	94.9
834	4/7/2013 7:15:50	13.35	48.06	31.30	8.23	7.97	4.1	2.521	95.6
835	4/7/2013 7:30:50	13.35	47.88	31.17	8.29	7.98	4.3	2.597	96.2
836	4/7/2013 7:45:50	13.35	48.29	31.47	8.29	7.98	4.6	2.679	96.4
837	4/7/2013 8:00:50	13.32	48.02	31.27	8.31	7.98	3.8	2.755	96.5
838	4/7/2013 8:15:50	13.22	48.35	31.51	8.32	7.98	4.3	2.849	96.6
839	4/7/2013 8:30:50	13.07	48.01	31.26	8.35	7.97	4.8	2.916	96.4
840	4/7/2013 8:45:50	12.89	48.32	31.48	8.40	7.97	4.7	3.005	96.7
841	4/7/2013 9:00:50	12.71	48.51	31.60	8.48	7.97	5.5	3.075	97.5
842	4/7/2013 9:15:50	12.45	48.73	31.75	8.63	7.97	5.5	3.161	98.7
843	4/7/2013 9:30:50	12.27	48.94	31.90	8.73	7.97	5.0	3.230	99.6
844	4/7/2013 9:45:50	12.14	48.82	31.81	8.80	7.97	4.3	3.302	100.0
845	4/7/2013 10:00:50	11.95	49.02	31.94	8.91	7.96	5.1	3.370	100.9
846	4/7/2013 10:15:50	11.76	49.39	32.20	9.02	7.96	4.0	3.417	101.9
847	4/7/2013 10:30:50	11.69	49.45	32.24	8.94	7.95	3.1	3.452	100.9

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
848	4/7/2013 10:45:51	11.59	49.44	32.23	9.09	7.96	3.5	3.485	102.4
849	4/7/2013 11:00:50	11.70	49.29	32.12	9.00	7.96	3.2	3.490	101.6
850	4/7/2013 11:15:50	11.60	49.57	32.33	9.06	7.96	3.2	3.475	102.2
851	4/7/2013 11:30:51	11.63	49.43	32.23	9.08	7.96	3.9	3.418	102.4
852	4/7/2013 11:45:50	12.04	49.29	32.14	8.96	7.97	4.0	3.351	101.8
853	4/7/2013 12:00:51	12.33	49.07	31.99	8.84	7.98	5.1	3.258	100.9
854	4/7/2013 12:15:51	12.60	48.87	31.86	8.95	7.99	4.4	3.186	102.7
855	4/7/2013 12:30:50	12.80	48.78	31.80	8.90	8.00	3.8	3.100	102.6
856	4/7/2013 12:45:50	13.01	48.39	31.53	8.69	7.99	4.6	2.979	100.4
857	4/7/2013 13:00:50	13.25	48.32	31.49	8.76	8.00	6.4	2.883	101.7
858	4/7/2013 13:15:50	13.29	48.37	31.53	8.76	8.01	4.9	2.780	101.8
859	4/7/2013 13:30:50	13.42	48.05	31.30	8.74	8.01	4.2	2.690	101.7
860	4/7/2013 13:45:50	13.59	47.86	31.17	8.78	8.02	6.7	2.567	102.4
861	4/7/2013 14:00:50	13.57	47.73	31.07	8.97	8.03	5.1	2.450	104.5
862	4/7/2013 14:15:50	13.65	47.60	30.98	8.89	8.03	4.7	2.339	103.8
863	4/7/2013 14:30:50	13.72	47.63	31.01	8.95	8.04	4.8	2.247	104.6
864	4/7/2013 14:45:50	13.78	47.83	31.15	9.29	8.06	4.5	2.128	108.9
865	4/7/2013 15:00:50	13.86	47.56	30.95	9.20	8.07	4.4	2.038	107.8
866	4/7/2013 15:15:50	14.10	47.26	30.75	9.12	8.09	4.7	1.926	107.2
867	4/7/2013 15:30:50	14.19	47.08	30.62	9.02	8.09	4.4	1.821	106.1
868	4/7/2013 15:45:50	14.22	46.94	30.52	9.08	8.10	4.5	1.747	106.9
869	4/7/2013 16:00:50	14.28	46.86	30.47	9.05	8.10	4.6	1.678	106.6
870	4/7/2013 16:15:50	14.35	46.71	30.36	8.90	8.09	4.5	1.623	105.0
871	4/7/2013 16:30:50	14.40	46.37	30.11	8.88	8.09	3.9	1.601	104.6
872	4/7/2013 16:45:50	14.29	46.97	30.54	8.90	8.09	5.2	1.602	104.9
873	4/7/2013 17:00:50	14.26	46.95	30.53	8.81	8.08	3.7	1.592	103.8
874	4/7/2013 17:15:50	14.27	46.86	30.46	8.83	8.08	4.1	1.664	104.0
875	4/7/2013 17:30:50	14.27	47.00	30.56	8.84	8.08	4.8	1.731	104.2
876	4/7/2013 17:45:50	14.23	46.46	30.17	8.77	8.06	4.6	1.792	103.1
877	4/7/2013 18:00:50	14.18	45.32	29.35	8.73	8.05	5.0	1.876	102.0
878	4/7/2013 18:15:50	14.17	46.74	30.37	8.68	8.05	4.2	1.961	101.9
879	4/7/2013 18:30:50	14.11	46.82	30.43	8.64	8.04	4.1	2.045	101.4
880	4/7/2013 18:45:50	14.03	46.92	30.50	8.65	8.03	3.7	2.128	101.4
881	4/7/2013 19:00:50	13.91	47.06	30.60	8.60	8.02	4.0	2.222	100.6
882	4/7/2013 19:15:50	13.67	47.60	30.98	8.57	8.00	4.5	2.314	100.0
883	4/7/2013 19:30:50	13.55	47.49	30.90	8.55	8.00	4.6	2.403	99.5
884	4/7/2013 19:45:50	13.47	47.64	31.00	8.54	7.99	4.9	2.484	99.3
885	4/7/2013 20:00:50	13.37	47.65	31.01	8.56	7.99	4.9	2.565	99.3
886	4/7/2013 20:15:50	13.25	47.88	31.17	8.57	7.99	6.3	2.665	99.3
887	4/7/2013 20:30:50	13.12	47.85	31.15	8.59	7.98	8.2	2.768	99.2
888	4/7/2013 20:45:50	12.93	48.14	31.35	8.63	7.98	6.9	2.906	99.4
889	4/7/2013 21:00:50	12.66	48.37	31.50	8.73	7.97	8.1	3.074	100.1
890	4/7/2013 21:15:50	12.46	48.52	31.60	8.82	7.97	6.5	3.108	100.7
891	4/7/2013 21:30:50	12.33	48.26	31.41	8.89	7.97	7.1	3.179	101.2
892	4/7/2013 21:45:50	12.10	48.71	31.72	9.00	7.97	7.6	3.281	102.2
893	4/7/2013 22:00:51	11.85	49.10	32.00	9.15	7.97	6.8	3.357	103.5
894	4/7/2013 22:15:50	11.70	49.20	32.06	9.25	7.97	7.0	3.444	104.3
895	4/7/2013 22:30:51	11.57	49.19	32.04	9.28	7.97	5.8	3.524	104.4
896	4/7/2013 22:45:50	11.45	49.30	32.12	9.34	7.97	5.4	3.573	104.8
897	4/7/2013 23:00:50	11.38	49.27	32.09	9.33	7.97	4.3	3.634	104.5
898	4/7/2013 23:15:50	11.69	49.04	31.94	9.20	7.97	8.1	3.653	103.7
899	4/7/2013 23:30:50	11.49	49.07	31.95	9.22	7.97	8.0	3.641	103.5
900	4/7/2013 23:45:50	11.34	49.18	32.03	9.33	7.97	9.3	3.632	104.4

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
901	4/8/2013 0:00:50	11.43	49.32	32.13	9.21	7.97	16.6	3.584	103.3
902	4/8/2013 0:15:51	11.34	49.31	32.12	9.24	7.96	21.0	3.515	103.4
903	4/8/2013 0:30:50	11.27	49.24	32.07	9.30	7.98	27.4	3.426	103.9
904	4/8/2013 0:45:50	11.25	49.09	31.96	9.31	7.98	37.3	3.338	103.9
905	4/8/2013 1:00:50	11.47	49.11	31.98	9.17	7.98	49.3	3.220	102.9
906	4/8/2013 1:15:50	11.51	49.05	31.94	9.12	7.98	41.9	3.101	102.4
907	4/8/2013 1:30:51	11.57	49.06	31.95	9.07	7.98	34.4	2.993	101.9
908	4/8/2013 1:45:50	11.82	48.57	31.61	8.93	7.97	26.0	2.879	100.7
909	4/8/2013 2:00:50	11.69	48.83	31.79	8.93	7.97	30.0	2.764	100.6
910	4/8/2013 2:15:50	12.16	48.34	31.46	8.75	7.97	21.1	2.651	99.2
911	4/8/2013 2:30:50	12.48	47.65	30.97	8.60	7.98	21.8	2.531	98.0
912	4/8/2013 2:45:50	12.71	47.50	30.88	8.55	7.99	20.6	2.428	97.7
913	4/8/2013 3:00:50	12.56	47.34	30.75	8.54	7.99	18.5	2.318	97.3
914	4/8/2013 3:15:50	12.53	47.23	30.67	8.53	8.00	18.7	2.184	97.0
915	4/8/2013 3:30:50	12.85	46.73	30.32	8.46	8.02	16.2	2.099	96.7
916	4/8/2013 3:45:50	12.70	46.17	29.92	8.48	8.01	17.4	1.975	96.4
917	4/8/2013 4:00:50	12.65	45.98	29.78	8.49	8.02	17.3	1.867	96.3
918	4/8/2013 4:15:50	12.67	45.64	29.53	8.48	8.02	18.3	1.770	96.0
919	4/8/2013 4:30:50	12.72	45.64	29.53	8.41	8.02	15.9	1.708	95.4
920	4/8/2013 4:45:50	12.74	45.71	29.59	8.36	8.02	13.6	1.634	94.9
921	4/8/2013 5:00:50	12.81	45.28	29.28	8.38	8.03	13.0	1.598	95.1
922	4/8/2013 5:15:50	12.94	45.95	29.77	8.09	8.02	8.9	1.582	92.3
923	4/8/2013 5:30:50	13.18	46.07	29.86	8.27	8.04	8.6	1.589	94.9
924	4/8/2013 5:45:50	13.17	45.86	29.71	8.28	8.04	11.7	1.634	94.9
925	4/8/2013 6:00:50	12.83	45.52	29.45	8.36	8.03	11.1	1.665	95.0
926	4/8/2013 6:15:50	12.88	45.47	29.42	8.36	8.03	12.0	1.735	95.1
927	4/8/2013 6:30:50	12.90	45.62	29.53	8.30	8.02	11.7	1.823	94.5
928	4/8/2013 6:45:50	12.82	45.20	29.22	8.30	8.01	11.4	1.895	94.1
929	4/8/2013 7:00:50	12.87	45.16	29.19	8.27	8.00	11.0	1.990	93.9
930	4/8/2013 7:15:50	12.94	45.76	29.63	8.22	8.01	10.3	2.076	93.7
931	4/8/2013 7:30:50	12.83	45.43	29.39	8.26	7.99	9.7	2.166	93.8
932	4/8/2013 7:45:50	12.77	46.54	30.18	8.28	7.98	9.2	2.266	94.4
933	4/8/2013 8:00:50	12.72	47.02	30.53	8.32	7.97	9.6	2.354	94.9
934	4/8/2013 8:15:50	12.72	47.09	30.58	8.33	7.97	9.1	2.423	95.2
935	4/8/2013 8:30:50	12.69	47.07	30.56	8.38	7.97	9.3	2.542	95.6
936	4/8/2013 8:45:50	12.64	47.37	30.78	8.41	7.97	10.3	2.623	95.9
937	4/8/2013 9:00:51	12.59	47.67	30.99	8.43	7.97	8.8	2.710	96.2
938	4/8/2013 9:15:50	12.46	47.31	30.73	8.49	7.97	9.7	2.792	96.5
939	4/8/2013 9:30:50	12.32	47.57	30.91	8.56	7.96	9.2	2.886	97.1
940	4/8/2013 9:45:51	12.10	47.81	31.07	8.64	7.96	13.4	2.964	97.7
941	4/8/2013 10:00:51	12.04	47.78	31.05	8.72	7.96	12.8	3.062	98.4
942	4/8/2013 10:15:50	11.85	47.83	31.07	8.82	7.96	13.3	3.129	99.2
943	4/8/2013 10:30:50	11.78	47.92	31.14	8.90	7.96	10.4	3.204	100.0
944	4/8/2013 10:45:50	11.72	48.23	31.36	8.92	7.97	9.8	3.277	100.2
945	4/8/2013 11:00:50	11.55	48.72	31.70	8.99	7.97	8.4	3.337	100.8
946	4/8/2013 11:15:50	11.48	48.69	31.68	9.02	7.97	7.6	3.379	101.0
947	4/8/2013 11:30:50	11.44	48.87	31.81	9.00	7.96	5.6	3.414	100.8
948	4/8/2013 11:45:50	11.48	48.82	31.77	8.98	7.97	5.1	3.426	100.7
949	4/8/2013 12:00:50	11.38	48.96	31.87	9.05	7.97	5.5	3.400	101.2
950	4/8/2013 12:15:50	11.41	48.82	31.77	9.05	7.97	9.4	3.361	101.2
951	4/8/2013 12:30:51	12.08	48.32	31.44	9.04	7.98	12.5	3.302	102.4
952	4/8/2013 12:45:50	12.27	48.13	31.31	9.17	7.99	12.7	3.238	104.2
953	4/8/2013 13:00:50	12.34	48.27	31.42	9.14	7.99	14.7	3.152	104.1

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
954	4/8/2013 13:15:51	12.43	48.26	31.41	9.13	7.99	15.6	3.053	104.1
955	4/8/2013 13:30:50	12.53	47.99	31.22	9.17	8.00	14.0	2.963	104.8
956	4/8/2013 13:45:50	12.75	48.14	31.34	9.30	8.01	12.2	2.870	106.7
957	4/8/2013 14:00:50	13.04	47.63	30.98	9.20	8.01	16.9	2.771	106.0
958	4/8/2013 14:15:50	13.29	47.67	31.02	9.23	8.02	19.4	2.671	106.9
959	4/8/2013 14:30:50	13.30	47.49	30.89	9.05	8.01	25.6	2.561	104.8
960	4/8/2013 14:45:50	13.49	46.85	30.44	9.04	8.02	29.7	2.443	104.8
961	4/8/2013 15:00:50	13.59	46.87	30.45	9.04	8.03	30.2	2.345	105.0
962	4/8/2013 15:15:50	13.68	46.39	30.11	9.04	8.03	28.6	2.235	105.0
963	4/8/2013 15:30:50	13.74	46.60	30.26	9.02	8.04	32.1	2.117	104.9
964	4/8/2013 15:45:50	13.70	46.78	30.39	8.98	8.04	31.4	2.022	104.4
965	4/8/2013 16:00:50	13.70	46.39	30.11	8.97	8.03	30.4	1.927	104.2
966	4/8/2013 16:15:50	13.71	46.34	30.07	8.94	8.03	25.5	1.824	103.9
967	4/8/2013 16:30:50	13.74	46.19	29.96	8.92	8.03	24.1	1.739	103.6
968	4/8/2013 16:45:50	13.76	46.42	30.13	8.87	8.03	19.2	1.684	103.2
969	4/8/2013 17:00:50	13.79	46.53	30.21	8.83	8.03	17.7	1.630	102.8
970	4/8/2013 17:15:50	13.79	46.30	30.05	8.77	8.02	14.8	1.615	102.1
971	4/8/2013 17:30:50	13.89	46.57	30.24	8.83	8.03	14.4	1.615	103.1
972	4/8/2013 17:45:50	13.89	45.92	29.78	8.83	8.03	13.3	1.639	102.7
973	4/8/2013 18:00:50	13.90	45.79	29.68	8.89	8.05	12.8	1.694	103.4
974	4/8/2013 18:15:50	13.91	45.83	29.71	8.85	8.06	13.9	1.752	103.0
975	4/8/2013 18:30:50	13.83	45.85	29.72	8.83	8.04	12.3	1.816	102.7
976	4/8/2013 18:45:50	13.83	46.00	29.83	8.83	8.04	11.2	1.907	102.7
977	4/8/2013 19:00:50	13.86	45.41	29.40	8.87	8.05	15.9	1.995	103.0
978	4/8/2013 19:15:50	13.91	45.29	29.32	8.84	8.05	13.9	2.079	102.6
979	4/8/2013 19:30:50	13.88	45.59	29.53	8.84	8.05	14.1	2.173	102.7
980	4/8/2013 19:45:50	13.81	45.46	29.44	8.82	8.04	11.3	2.261	102.3
981	4/8/2013 20:00:50	13.50	46.09	29.89	8.72	8.01	11.0	2.355	100.8
982	4/8/2013 20:15:50	13.31	46.41	30.11	8.71	8.00	13.1	2.454	100.3
983	4/8/2013 20:30:50	13.22	46.69	30.31	8.76	7.99	13.9	2.544	100.8
984	4/8/2013 20:45:50	13.16	46.82	30.40	8.78	7.99	15.4	2.637	101.1
985	4/8/2013 21:00:50	13.05	46.58	30.23	8.79	7.99	18.3	2.733	100.8
986	4/8/2013 21:15:50	12.93	46.09	29.87	8.81	7.98	17.3	2.822	100.6
987	4/8/2013 21:30:50	12.82	46.81	30.38	8.79	7.98	13.9	2.917	100.4
988	4/8/2013 21:45:50	12.75	47.16	30.63	8.85	7.98	19.5	3.015	101.1
989	4/8/2013 22:00:50	12.63	47.12	30.60	8.89	7.97	24.4	3.107	101.3
990	4/8/2013 22:15:50	12.36	47.29	30.71	8.99	7.97	21.4	3.199	101.9
991	4/8/2013 22:30:50	11.99	47.85	31.10	9.16	7.97	24.6	3.282	103.4
992	4/8/2013 22:45:50	11.77	48.20	31.34	9.30	7.98	16.9	3.372	104.6
993	4/8/2013 23:00:50	11.72	48.40	31.48	9.32	7.98	11.9	3.441	104.7
994	4/8/2013 23:15:50	11.62	48.41	31.49	9.38	7.98	8.9	3.512	105.2
995	4/8/2013 23:30:50	11.57	48.78	31.75	9.36	7.98	7.2	3.567	105.1
996	4/8/2013 23:45:51	11.52	48.94	31.86	9.34	7.98	5.9	3.603	104.9
997	4/9/2013 0:00:51	11.57	48.81	31.77	9.19	7.98	5.6	3.616	103.1
998	4/9/2013 0:15:51	11.52	49.02	31.92	9.33	7.98	6.8	3.614	104.7
999	4/9/2013 0:30:50	12.00	47.61	30.92	9.13	7.98	12.6	3.580	102.9
1000	4/9/2013 0:45:50	11.82	48.20	31.35	9.11	7.98	9.1	3.515	102.5
1001	4/9/2013 1:00:50	12.09	47.05	30.53	8.97	7.98	11.1	3.435	101.0
1002	4/9/2013 1:15:51	12.06	47.43	30.79	8.99	7.98	10.8	3.333	101.3
1003	4/9/2013 1:30:50	12.08	47.39	30.77	8.97	7.98	9.5	3.241	101.2
1004	4/9/2013 1:45:51	12.26	46.60	30.21	8.83	7.97	11.5	3.102	99.6
1005	4/9/2013 2:00:50	12.29	46.68	30.27	8.77	7.97	9.8	2.999	99.0
1006	4/9/2013 2:15:50	12.36	46.42	30.08	8.74	7.97	9.3	2.890	98.7

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1007	4/9/2013 2:30:50	12.55	46.45	30.11	8.61	7.98	10.6	2.774	97.7
1008	4/9/2013 2:45:50	12.49	46.64	30.25	8.60	7.97	9.7	2.646	97.5
1009	4/9/2013 3:00:50	12.38	46.47	30.12	8.67	7.98	10.0	2.518	98.0
1010	4/9/2013 3:15:50	12.58	46.02	29.80	8.61	7.99	13.7	2.389	97.5
1011	4/9/2013 3:30:50	12.66	45.90	29.72	8.54	7.99	15.4	2.269	96.9
1012	4/9/2013 3:45:50	12.56	46.08	29.85	8.51	7.99	14.8	2.133	96.4
1013	4/9/2013 4:00:50	12.50	46.02	29.80	8.48	7.98	12.5	2.005	95.9
1014	4/9/2013 4:15:50	12.60	46.08	29.84	8.42	7.98	13.3	1.872	95.4
1015	4/9/2013 4:30:50	12.68	45.99	29.79	8.38	7.98	13.6	1.752	95.1
1016	4/9/2013 4:45:50	12.69	45.81	29.65	8.34	7.98	14.6	1.639	94.6
1017	4/9/2013 5:00:50	12.76	45.68	29.56	8.30	7.98	15.9	1.533	94.2
1018	4/9/2013 5:15:50	12.81	45.54	29.46	8.28	7.98	15.2	1.457	94.0
1019	4/9/2013 5:30:50	12.80	45.18	29.21	8.23	7.98	14.3	1.384	93.3
1020	4/9/2013 5:45:50	12.79	45.32	29.31	8.22	7.98	12.4	1.381	93.2
1021	4/9/2013 6:00:50	12.76	45.36	29.33	8.13	7.97	11.9	1.361	92.2
1022	4/9/2013 6:15:50	12.79	45.45	29.40	8.18	7.97	10.6	1.386	92.8
1023	4/9/2013 6:30:50	12.79	45.49	29.43	8.21	7.97	10.3	1.458	93.2
1024	4/9/2013 6:45:50	12.79	45.60	29.51	8.23	7.98	10.5	1.518	93.5
1025	4/9/2013 7:00:50	12.71	45.23	29.24	8.27	7.98	9.8	1.596	93.6
1026	4/9/2013 7:15:50	12.74	44.66	28.83	8.28	7.97	10.1	1.664	93.5
1027	4/9/2013 7:30:50	12.74	44.60	28.79	8.30	7.97	10.8	1.767	93.7
1028	4/9/2013 7:45:50	12.72	44.44	28.68	8.31	7.97	10.9	1.847	93.7
1029	4/9/2013 8:00:50	12.72	44.69	28.85	8.28	7.97	10.1	1.940	93.5
1030	4/9/2013 8:15:50	12.72	45.04	29.11	8.26	7.97	9.5	2.027	93.4
1031	4/9/2013 8:30:50	12.64	44.95	29.04	8.36	7.97	9.5	2.115	94.4
1032	4/9/2013 8:45:50	12.63	45.31	29.30	8.42	7.97	8.5	2.234	95.2
1033	4/9/2013 9:00:50	12.62	45.72	29.59	8.45	7.97	8.1	2.318	95.6
1034	4/9/2013 9:15:50	12.65	46.30	30.01	8.46	7.97	8.7	2.411	96.1
1035	4/9/2013 9:30:50	12.62	46.45	30.12	8.51	7.97	8.8	2.518	96.6
1036	4/9/2013 9:45:50	12.62	46.27	29.98	8.55	7.97	9.6	2.613	97.0
1037	4/9/2013 10:00:50	12.58	46.49	30.14	8.57	7.97	8.9	2.702	97.3
1038	4/9/2013 10:15:50	12.48	46.54	30.17	8.60	7.96	10.0	2.786	97.5
1039	4/9/2013 10:30:50	12.36	46.76	30.32	8.67	7.96	12.9	2.871	98.0
1040	4/9/2013 10:45:50	12.26	46.75	30.32	8.74	7.96	17.5	2.963	98.7
1041	4/9/2013 11:00:51	12.14	47.24	30.66	8.82	7.96	15.6	3.034	99.5
1042	4/9/2013 11:15:51	12.02	47.56	30.89	8.85	7.96	14.5	3.108	99.7
1043	4/9/2013 11:30:51	11.74	48.06	31.24	8.98	7.96	13.1	3.191	100.9
1044	4/9/2013 11:45:50	11.60	48.22	31.35	9.04	7.96	9.0	3.248	101.3
1045	4/9/2013 12:00:50	11.58	48.25	31.37	9.03	7.96	6.3	3.300	101.1
1046	4/9/2013 12:15:50	11.55	48.59	31.61	9.02	7.96	5.4	3.352	101.2
1047	4/9/2013 12:30:51	11.54	48.57	31.59	8.90	7.95	3.9	3.370	99.7
1048	4/9/2013 12:45:51	11.59	48.52	31.56	8.97	7.96	6.0	3.354	100.6
1049	4/9/2013 13:00:51	11.56	48.73	31.72	8.95	7.96	5.7	3.339	100.4
1050	4/9/2013 13:15:51	11.58	48.61	31.63	8.97	7.96	6.9	3.280	100.6
1051	4/9/2013 13:30:50	12.26	47.70	31.00	9.07	7.98	8.6	3.208	102.8
1052	4/9/2013 13:45:50	12.54	47.14	30.61	9.13	7.99	9.7	3.134	103.8
1053	4/9/2013 14:00:50	12.84	47.64	30.98	9.26	8.00	6.8	3.039	106.2
1054	4/9/2013 14:15:50	12.82	47.06	30.56	9.18	8.00	10.3	2.939	105.0
1055	4/9/2013 14:30:50	12.92	46.88	30.43	9.13	8.01	11.0	2.840	104.6
1056	4/9/2013 14:45:51	13.28	46.65	30.28	9.25	8.02	11.9	2.742	106.7
1057	4/9/2013 15:00:50	13.78	46.17	29.95	9.60	8.05	7.7	2.642	111.6
1058	4/9/2013 15:15:50	14.04	46.73	30.36	9.74	8.06	7.2	2.526	114.1
1059	4/9/2013 15:30:50	13.99	45.92	29.78	9.48	8.05	12.0	2.420	110.6

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1060	4/9/2013 15:45:50	14.20	45.60	29.55	9.49	8.06	11.1	2.320	111.0
1061	4/9/2013 16:00:50	14.22	45.76	29.67	9.75	8.07	9.1	2.200	114.1
1062	4/9/2013 16:15:50	14.23	45.72	29.64	9.57	8.06	10.3	2.097	112.0
1063	4/9/2013 16:30:50	14.36	45.75	29.66	9.67	8.07	9.9	2.001	113.5
1064	4/9/2013 16:45:50	14.46	45.69	29.62	9.68	8.08	9.6	1.916	113.9
1065	4/9/2013 17:00:50	14.72	45.77	29.69	9.77	8.10	9.4	1.819	115.5
1066	4/9/2013 17:15:50	14.57	45.60	29.56	9.69	8.10	8.9	1.750	114.2
1067	4/9/2013 17:30:50	14.53	45.54	29.52	9.73	8.10	8.1	1.712	114.6
1068	4/9/2013 17:45:50	14.50	45.35	29.38	9.77	8.10	8.2	1.679	114.8
1069	4/9/2013 18:00:50	14.64	45.70	29.63	9.74	8.10	8.1	1.669	114.9
1070	4/9/2013 18:15:50	14.49	45.40	29.41	9.62	8.09	7.3	1.697	113.1
1071	4/9/2013 18:30:50	14.43	45.50	29.48	9.59	8.08	7.0	1.744	112.7
1072	4/9/2013 18:45:50	14.37	45.51	29.49	9.54	8.07	7.5	1.783	111.9
1073	4/9/2013 19:00:50	14.36	45.41	29.42	9.53	8.07	7.9	1.861	111.7
1074	4/9/2013 19:15:50	14.46	44.46	28.74	9.52	8.06	9.5	1.939	111.4
1075	4/9/2013 19:30:50	14.47	44.32	28.64	9.46	8.05	8.4	2.026	110.6
1076	4/9/2013 19:45:50	14.37	44.72	28.93	9.42	8.05	7.9	2.122	110.1
1077	4/9/2013 20:00:50	14.26	44.95	29.09	9.33	8.04	7.2	2.208	108.9
1078	4/9/2013 20:15:50	14.18	44.74	28.93	9.27	8.03	7.9	2.303	108.0
1079	4/9/2013 20:30:50	14.02	44.82	28.99	9.24	8.02	8.5	2.401	107.3
1080	4/9/2013 20:45:50	13.66	45.84	29.71	8.97	8.00	7.3	2.501	103.8
1081	4/9/2013 21:00:50	13.50	46.09	29.88	8.92	7.99	7.3	2.597	103.1
1082	4/9/2013 21:15:50	13.49	46.19	29.96	8.96	7.99	7.8	2.690	103.5
1083	4/9/2013 21:30:51	13.33	46.57	30.23	8.96	7.99	9.0	2.777	103.4
1084	4/9/2013 21:45:50	13.14	46.77	30.36	8.97	7.99	10.1	2.861	103.1
1085	4/9/2013 22:00:50	12.99	47.00	30.53	8.98	7.98	9.9	2.955	103.0
1086	4/9/2013 22:15:50	12.76	47.19	30.65	8.96	7.97	10.7	3.053	102.4
1087	4/9/2013 22:30:50	12.53	47.28	30.71	8.97	7.97	8.9	3.153	102.1
1088	4/9/2013 22:45:50	12.32	47.64	30.96	8.94	7.96	9.0	3.234	101.4
1089	4/9/2013 23:00:50	12.00	48.03	31.23	8.87	7.95	9.6	3.319	100.1
1090	4/9/2013 23:15:50	11.68	48.68	31.69	8.82	7.94	8.1	3.419	99.2
1091	4/9/2013 23:30:50	11.51	48.90	31.83	8.78	7.93	5.6	3.496	98.5
1092	4/9/2013 23:45:50	11.42	49.23	32.07	8.77	7.93	4.6	3.561	98.3
1093	4/10/2013 0:00:51	11.35	49.39	32.18	8.72	7.93	4.0	3.619	97.7
1094	4/10/2013 0:15:51	11.28	49.41	32.19	8.71	7.93	3.9	3.659	97.4
1095	4/10/2013 0:30:50	11.50	49.04	31.94	8.70	7.93	4.2	3.670	97.6
1096	4/10/2013 0:45:50	11.24	49.33	32.13	8.70	7.93	3.4	3.662	97.2
1097	4/10/2013 1:00:50	11.54	48.74	31.72	8.74	7.94	8.1	3.626	98.0
1098	4/10/2013 1:15:50	11.91	47.78	31.04	8.75	7.95	7.0	3.551	98.5
1099	4/10/2013 1:30:50	12.07	47.98	31.19	8.71	7.95	6.0	3.472	98.4
1100	4/10/2013 1:45:51	12.01	48.23	31.37	8.72	7.96	6.3	3.364	98.6
1101	4/10/2013 2:00:51	12.18	47.94	31.17	8.70	7.96	6.6	3.258	98.6
1102	4/10/2013 2:15:51	12.22	47.80	31.07	8.68	7.95	5.6	3.153	98.4
1103	4/10/2013 2:30:50	12.40	47.49	30.86	8.67	7.96	6.2	3.011	98.5
1104	4/10/2013 2:45:51	12.60	47.16	30.62	8.67	7.96	6.4	2.899	98.7
1105	4/10/2013 3:00:51	12.45	47.36	30.76	8.62	7.95	6.5	2.771	98.0
1106	4/10/2013 3:15:50	12.68	46.88	30.43	8.60	7.96	6.4	2.661	98.0
1107	4/10/2013 3:30:50	12.67	46.46	30.13	8.67	7.96	6.7	2.543	98.6
1108	4/10/2013 3:45:50	12.89	45.88	29.71	8.67	7.98	8.4	2.384	98.8
1109	4/10/2013 4:00:50	12.73	46.08	29.85	8.64	7.97	7.2	2.255	98.2
1110	4/10/2013 4:15:50	13.00	45.96	29.77	8.67	7.99	9.5	2.132	99.1
1111	4/10/2013 4:30:51	13.01	46.10	29.88	8.68	7.99	9.2	1.986	99.2
1112	4/10/2013 4:45:50	13.13	45.83	29.69	8.70	8.00	9.4	1.836	99.6

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1113	4/10/2013 5:00:50	13.32	45.59	29.52	8.73	8.01	10.1	1.712	100.2
1114	4/10/2013 5:15:51	13.45	45.42	29.40	8.78	8.02	9.2	1.599	101.1
1115	4/10/2013 5:30:50	13.59	45.09	29.17	8.81	8.04	9.2	1.470	101.6
1116	4/10/2013 5:45:50	13.63	44.93	29.05	8.80	8.04	13.1	1.366	101.4
1117	4/10/2013 6:00:50	13.67	44.97	29.09	8.76	8.04	8.9	1.296	101.1
1118	4/10/2013 6:15:50	13.68	44.70	28.89	8.74	8.04	8.7	1.236	100.8
1119	4/10/2013 6:30:50	13.61	44.84	28.99	8.51	8.02	7.6	1.235	98.0
1120	4/10/2013 6:45:50	13.63	44.79	28.95	8.71	8.03	7.4	1.268	100.3
1121	4/10/2013 7:00:50	13.62	44.99	29.10	8.68	8.03	6.4	1.311	100.0
1122	4/10/2013 7:15:50	13.62	44.90	29.03	8.71	8.03	6.8	1.379	100.4
1123	4/10/2013 7:30:50	13.61	45.06	29.15	8.72	8.03	6.3	1.448	100.5
1124	4/10/2013 7:45:50	13.56	44.72	28.90	8.71	8.02	6.2	1.536	100.1
1125	4/10/2013 8:00:50	13.51	44.18	28.51	8.69	8.02	7.4	1.622	99.6
1126	4/10/2013 8:15:50	13.50	44.21	28.53	8.67	8.01	6.7	1.684	99.4
1127	4/10/2013 8:30:50	13.49	44.24	28.56	8.64	8.01	6.7	1.781	99.0
1128	4/10/2013 8:45:51	13.48	44.45	28.71	8.61	8.00	6.4	1.865	98.7
1129	4/10/2013 9:00:50	13.45	44.60	28.81	8.58	8.00	5.6	1.946	98.4
1130	4/10/2013 9:15:50	13.30	45.03	29.12	8.56	7.99	6.0	2.045	98.0
1131	4/10/2013 9:30:50	13.22	45.01	29.10	8.57	7.98	6.2	2.150	98.0
1132	4/10/2013 9:45:50	13.18	45.89	29.73	8.56	7.97	6.2	2.260	98.2
1133	4/10/2013 10:00:50	13.19	46.05	29.85	8.58	7.98	7.0	2.376	98.5
1134	4/10/2013 10:15:51	13.19	46.19	29.95	8.61	7.98	6.4	2.457	98.9
1135	4/10/2013 10:30:50	13.09	46.47	30.14	8.60	7.97	7.1	2.559	98.7
1136	4/10/2013 10:45:51	12.96	46.66	30.28	8.57	7.96	7.0	2.657	98.2
1137	4/10/2013 11:00:50	12.89	46.46	30.13	8.63	7.96	7.9	2.742	98.6
1138	4/10/2013 11:15:50	12.73	46.77	30.35	8.62	7.96	8.6	2.830	98.3
1139	4/10/2013 11:30:50	12.60	46.82	30.38	8.66	7.95	8.6	2.914	98.5
1140	4/10/2013 11:45:50	12.47	46.87	30.41	8.69	7.95	7.8	2.991	98.6
1141	4/10/2013 12:00:50	12.28	47.36	30.76	8.67	7.94	8.6	3.064	98.2
1142	4/10/2013 12:15:51	11.88	48.20	31.35	8.66	7.93	6.5	3.135	97.6
1143	4/10/2013 12:30:50	11.73	48.24	31.37	8.64	7.93	5.1	3.193	97.1
1144	4/10/2013 12:45:50	11.67	48.47	31.53	8.62	7.93	3.9	3.252	96.9
1145	4/10/2013 13:00:51	11.60	48.75	31.73	8.59	7.93	3.9	3.304	96.5
1146	4/10/2013 13:15:51	11.56	48.76	31.73	8.51	7.93	2.9	3.315	95.5
1147	4/10/2013 13:30:50	11.60	48.67	31.67	8.48	7.93	2.9	3.331	95.2
1148	4/10/2013 13:45:51	11.57	48.89	31.83	8.50	7.92	3.4	3.316	95.5
1149	4/10/2013 14:00:51	11.59	48.77	31.74	8.52	7.93	4.5	3.260	95.6
1150	4/10/2013 14:15:51	12.43	47.87	31.13	8.74	7.95	5.1	3.192	99.5
1151	4/10/2013 14:30:50	12.49	47.63	30.96	8.81	7.96	6.5	3.121	100.4
1152	4/10/2013 14:45:50	13.23	47.44	30.85	8.95	7.98	7.2	3.025	103.4
1153	4/10/2013 15:00:51	13.04	47.20	30.67	9.07	7.99	6.1	2.925	104.3
1154	4/10/2013 15:15:50	13.37	46.70	30.32	9.27	8.01	6.3	2.823	107.1
1155	4/10/2013 15:30:50	13.41	46.61	30.26	9.28	8.02	6.5	2.715	107.3
1156	4/10/2013 15:45:50	13.80	46.53	30.21	9.61	8.06	6.7	2.618	111.9
1157	4/10/2013 16:00:50	13.90	46.14	29.93	9.67	8.06	6.3	2.519	112.7
1158	4/10/2013 16:15:50	14.05	46.40	30.13	9.85	8.08	5.9	2.391	115.3
1159	4/10/2013 16:30:50	14.17	45.64	29.58	9.86	8.08	6.8	2.304	115.3
1160	4/10/2013 16:45:50	14.17	45.45	29.44	9.70	8.08	7.5	2.200	113.3
1161	4/10/2013 17:00:50	14.24	45.35	29.38	9.72	8.08	7.0	2.119	113.7
1162	4/10/2013 17:15:50	14.29	45.48	29.47	9.76	8.09	6.8	2.021	114.3
1163	4/10/2013 17:30:50	14.32	45.59	29.54	9.83	8.10	6.1	1.924	115.3
1164	4/10/2013 17:45:50	14.42	45.41	29.42	9.79	8.10	6.2	1.877	114.9
1165	4/10/2013 18:00:50	14.46	45.34	29.37	9.78	8.11	6.2	1.824	114.9

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1166	4/10/2013 18:15:50	14.52	45.14	29.23	9.80	8.11	6.2	1.790	115.1
1167	4/10/2013 18:30:50	14.55	44.94	29.09	9.76	8.11	6.1	1.796	114.7
1168	4/10/2013 18:45:50	14.49	45.19	29.26	9.63	8.10	5.1	1.796	113.1
1169	4/10/2013 19:00:50	14.45	45.28	29.33	9.64	8.09	5.0	1.822	113.2
1170	4/10/2013 19:15:50	14.42	45.32	29.36	9.62	8.09	4.9	1.863	112.9
1171	4/10/2013 19:30:50	14.40	45.27	29.32	9.61	8.08	5.7	1.928	112.7
1172	4/10/2013 19:45:50	14.35	45.26	29.31	9.59	8.08	5.0	1.998	112.4
1173	4/10/2013 20:00:50	14.37	45.04	29.15	9.52	8.07	5.5	2.066	111.4
1174	4/10/2013 20:15:50	14.35	44.95	29.08	9.52	8.06	5.9	2.158	111.4
1175	4/10/2013 20:30:50	14.27	45.27	29.32	9.45	8.06	5.4	2.247	110.6
1176	4/10/2013 20:45:51	14.04	45.68	29.60	9.29	8.03	6.2	2.337	108.4
1177	4/10/2013 21:00:50	14.11	45.35	29.37	9.31	8.04	5.0	2.429	108.6
1178	4/10/2013 21:15:50	13.74	45.98	29.81	9.05	8.01	5.0	2.514	105.0
1179	4/10/2013 21:30:50	13.61	46.25	30.00	8.97	8.00	5.2	2.610	104.0
1180	4/10/2013 21:45:51	13.40	46.77	30.37	8.91	7.98	5.1	2.691	103.0
1181	4/10/2013 22:00:50	13.24	46.78	30.37	8.89	7.98	5.3	2.771	102.4
1182	4/10/2013 22:15:50	12.97	47.26	30.71	8.80	7.97	5.6	2.864	101.0
1183	4/10/2013 22:30:50	12.73	47.57	30.93	8.79	7.96	6.6	2.951	100.6
1184	4/10/2013 22:45:51	12.50	47.86	31.13	8.74	7.95	6.5	3.051	99.7
1185	4/10/2013 23:00:50	12.38	47.81	31.08	8.71	7.95	6.4	3.134	99.1
1186	4/10/2013 23:15:50	12.16	48.15	31.32	8.69	7.94	6.2	3.218	98.5
1187	4/10/2013 23:30:50	11.90	48.12	31.29	8.66	7.93	6.7	3.315	97.6
1188	4/10/2013 23:45:50	11.60	48.57	31.60	8.53	7.92	6.2	3.393	95.7
1189	4/11/2013 0:00:50	11.22	49.43	32.20	8.47	7.91	6.7	3.462	94.6
1190	4/11/2013 0:15:50	11.07	49.35	32.14	8.49	7.90	5.6	3.539	94.5
1191	4/11/2013 0:30:50	10.97	49.62	32.33	8.48	7.90	3.9	3.600	94.3
1192	4/11/2013 0:45:50	10.94	49.74	32.41	8.44	7.90	3.6	3.634	93.9
1193	4/11/2013 1:00:51	11.01	49.60	32.31	8.39	7.90	3.4	3.661	93.3
1194	4/11/2013 1:15:51	10.93	49.89	32.52	8.31	7.90	4.0	3.656	92.5
1195	4/11/2013 1:30:50	10.95	49.64	32.34	8.41	7.90	3.4	3.621	93.5
1196	4/11/2013 1:45:51	11.47	49.00	31.90	8.49	7.92	5.9	3.566	95.2
1197	4/11/2013 2:00:51	11.45	48.98	31.89	8.52	7.92	6.2	3.495	95.5
1198	4/11/2013 2:15:51	11.45	49.13	32.00	8.57	7.92	6.3	3.387	96.1
1199	4/11/2013 2:30:50	11.87	48.22	31.36	8.60	7.94	6.1	3.290	96.9
1200	4/11/2013 2:45:50	12.45	47.66	30.98	8.57	7.96	9.8	3.195	97.6
1201	4/11/2013 3:00:50	12.45	47.50	30.87	8.54	7.95	6.8	3.069	97.1
1202	4/11/2013 3:15:51	12.64	47.42	30.81	8.55	7.95	10.9	2.923	97.6
1203	4/11/2013 3:30:50	12.78	46.91	30.45	8.54	7.96	7.5	2.823	97.6
1204	4/11/2013 3:45:50	12.41	47.79	31.07	8.52	7.94	5.7	2.710	97.0
1205	4/11/2013 4:00:51	12.90	46.86	30.42	8.62	7.97	5.9	2.573	98.6
1206	4/11/2013 4:15:50	13.16	46.41	30.10	8.66	7.98	7.5	2.438	99.5
1207	4/11/2013 4:30:50	13.09	46.61	30.25	8.62	7.98	8.3	2.297	98.9
1208	4/11/2013 4:45:51	13.29	46.39	30.10	8.70	8.00	9.2	2.177	100.2
1209	4/11/2013 5:00:50	13.30	46.12	29.90	8.69	8.00	9.0	2.028	100.0
1210	4/11/2013 5:15:50	13.33	46.09	29.88	8.68	8.00	9.1	1.885	99.9
1211	4/11/2013 5:30:50	13.53	45.93	29.77	8.69	8.01	9.6	1.760	100.4
1212	4/11/2013 5:45:50	13.60	45.87	29.73	8.67	8.02	10.0	1.620	100.3
1213	4/11/2013 6:00:50	13.73	45.66	29.58	8.69	8.03	9.2	1.507	100.7
1214	4/11/2013 6:15:50	13.78	45.66	29.58	8.67	8.03	9.2	1.377	100.5
1215	4/11/2013 6:30:50	13.82	45.37	29.37	8.64	8.03	8.3	1.303	100.1
1216	4/11/2013 6:45:50	13.84	45.38	29.38	8.62	8.03	8.0	1.228	100.0
1217	4/11/2013 7:00:50	13.94	45.18	29.24	8.61	8.05	8.4	1.209	100.0
1218	4/11/2013 7:15:50	13.96	45.17	29.24	8.55	8.05	6.4	1.204	99.3

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1219	4/11/2013 7:30:50	13.94	45.06	29.16	8.49	8.04	6.8	1.234	98.6
1220	4/11/2013 7:45:50	13.95	45.02	29.13	8.57	8.05	7.0	1.311	99.5
1221	4/11/2013 8:00:50	13.94	45.03	29.14	8.58	8.05	6.5	1.346	99.5
1222	4/11/2013 8:15:50	13.94	45.25	29.29	8.55	8.05	6.5	1.440	99.4
1223	4/11/2013 8:30:50	13.90	44.48	28.74	8.59	8.04	7.4	1.515	99.4
1224	4/11/2013 8:45:50	13.88	44.26	28.58	8.56	8.03	7.2	1.597	98.8
1225	4/11/2013 9:00:50	13.86	44.48	28.74	8.55	8.03	7.3	1.676	98.8
1226	4/11/2013 9:15:50	13.83	44.37	28.66	8.53	8.02	7.1	1.761	98.5
1227	4/11/2013 9:30:50	13.82	44.66	28.87	8.50	8.02	5.8	1.849	98.2
1228	4/11/2013 9:45:50	13.72	44.94	29.06	8.55	8.01	6.5	1.952	98.7
1229	4/11/2013 10:00:50	13.56	45.42	29.40	8.52	8.00	6.0	2.047	98.3
1230	4/11/2013 10:15:50	13.47	45.70	29.60	8.52	7.99	5.4	2.131	98.2
1231	4/11/2013 10:30:51	13.35	46.11	29.89	8.50	7.98	5.5	2.241	98.0
1232	4/11/2013 10:45:50	13.27	46.25	29.99	8.49	7.97	5.9	2.340	97.7
1233	4/11/2013 11:00:50	13.24	46.42	30.12	8.51	7.97	5.4	2.430	98.0
1234	4/11/2013 11:15:50	13.06	46.77	30.36	8.52	7.96	6.5	2.528	97.9
1235	4/11/2013 11:30:51	13.03	46.94	30.48	8.52	7.96	6.0	2.621	97.8
1236	4/11/2013 11:45:50	12.96	46.90	30.45	8.53	7.96	6.9	2.707	97.8
1237	4/11/2013 12:00:50	12.93	47.04	30.55	8.55	7.96	6.2	2.789	98.1
1238	4/11/2013 12:15:50	12.57	47.02	30.52	8.57	7.94	8.4	2.870	97.5
1239	4/11/2013 12:30:50	12.45	47.36	30.76	8.56	7.94	7.0	2.953	97.3
1240	4/11/2013 12:45:50	12.28	47.59	30.92	8.59	7.93	6.0	3.015	97.4
1241	4/11/2013 13:00:50	12.10	47.79	31.06	8.57	7.93	5.0	3.083	96.9
1242	4/11/2013 13:15:51	11.78	48.47	31.54	8.58	7.92	5.4	3.137	96.6
1243	4/11/2013 13:30:50	11.69	48.38	31.46	8.65	7.92	4.5	3.170	97.1
1244	4/11/2013 13:45:50	11.68	48.58	31.61	8.64	7.92	4.0	3.198	97.1
1245	4/11/2013 14:00:51	11.65	48.67	31.67	8.59	7.91	3.1	3.216	96.5
1246	4/11/2013 14:15:51	11.67	48.86	31.82	8.55	7.92	2.8	3.223	96.2
1247	4/11/2013 14:30:51	11.62	48.62	31.63	8.60	7.92	4.3	3.200	96.6
1248	4/11/2013 14:45:51	12.39	48.23	31.39	8.88	7.95	11.7	3.149	101.2
1249	4/11/2013 15:00:50	12.48	48.18	31.36	9.08	7.97	9.4	3.107	103.7
1250	4/11/2013 15:15:50	12.42	48.35	31.48	9.11	7.97	9.1	3.037	104.0
1251	4/11/2013 15:30:50	12.39	48.24	31.40	9.12	7.96	10.0	2.962	103.9
1252	4/11/2013 15:45:50	12.89	47.85	31.14	9.10	7.98	15.3	2.859	104.6
1253	4/11/2013 16:00:51	13.12	47.60	30.97	9.09	8.00	22.0	2.776	104.9
1254	4/11/2013 16:15:50	13.23	47.20	30.68	9.04	7.99	27.8	2.676	104.4
1255	4/11/2013 16:30:50	13.43	47.01	30.54	8.84	7.98	36.3	2.582	102.4
1256	4/11/2013 16:45:50	13.80	46.41	30.13	8.81	7.99	32.5	2.477	102.6
1257	4/11/2013 17:00:50	14.08	45.90	29.77	8.94	8.01	28.6	2.357	104.4
1258	4/11/2013 17:15:50	14.20	45.79	29.69	8.91	8.01	29.0	2.310	104.3
1259	4/11/2013 17:30:50	14.22	45.96	29.81	8.92	8.03	25.0	2.205	104.5
1260	4/11/2013 17:45:50	14.26	45.97	29.82	8.94	8.03	24.8	2.107	104.9
1261	4/11/2013 18:00:50	14.40	45.59	29.55	8.85	8.03	24.6	2.043	103.9
1262	4/11/2013 18:15:50	14.43	45.85	29.74	8.86	8.04	21.3	1.962	104.2
1263	4/11/2013 18:30:51	14.55	45.61	29.57	8.77	8.04	22.7	1.910	103.3
1264	4/11/2013 18:45:51	14.52	45.68	29.62	8.77	8.04	20.7	1.859	103.3
1265	4/11/2013 19:00:51	14.58	45.55	29.52	8.71	8.04	19.4	1.859	102.7
1266	4/11/2013 19:15:51	14.56	45.53	29.51	8.70	8.04	16.9	1.840	102.5
1267	4/11/2013 19:30:50	14.50	45.53	29.51	8.59	8.03	14.1	1.858	101.1
1268	4/11/2013 19:45:50	14.45	45.49	29.48	8.64	8.03	15.5	1.902	101.6
1269	4/11/2013 20:00:50	14.44	45.47	29.47	8.62	8.02	15.3	1.940	101.3
1270	4/11/2013 20:15:50	14.46	45.43	29.43	8.63	8.02	15.8	2.011	101.4
1271	4/11/2013 20:30:50	14.43	45.45	29.45	8.61	8.02	15.8	2.081	101.1

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1272	4/11/2013 20:45:50	14.46	45.19	29.26	8.66	8.02	15.6	2.160	101.6
1273	4/11/2013 21:00:50	14.40	45.37	29.39	8.60	8.01	15.0	2.246	100.9
1274	4/11/2013 21:15:50	14.20	45.54	29.51	8.58	7.99	18.3	2.320	100.3
1275	4/11/2013 21:30:50	14.09	45.65	29.59	8.58	7.99	12.5	2.407	100.2
1276	4/11/2013 21:45:50	13.96	45.87	29.74	8.60	7.99	11.2	2.496	100.2
1277	4/11/2013 22:00:50	13.66	46.26	30.01	8.64	7.98	9.7	2.576	100.2
1278	4/11/2013 22:15:50	13.30	46.85	30.43	8.66	7.97	9.4	2.650	99.9
1279	4/11/2013 22:30:50	13.26	46.83	30.41	8.71	7.97	8.3	2.740	100.5
1280	4/11/2013 22:45:51	12.79	47.63	30.97	8.66	7.95	7.7	2.819	99.3
1281	4/11/2013 23:00:51	12.41	48.06	31.27	8.63	7.93	9.8	2.898	98.3
1282	4/11/2013 23:15:51	12.22	48.23	31.38	8.67	7.93	16.2	2.980	98.4
1283	4/11/2013 23:30:51	12.10	48.31	31.44	8.68	7.93	14.5	3.056	98.3
1284	4/11/2013 23:45:50	11.95	48.46	31.54	8.70	7.93	14.0	3.141	98.3
1285	4/12/2013 0:00:51	11.80	48.54	31.59	8.72	7.92	11.3	3.222	98.3
1286	4/12/2013 0:15:50	11.62	48.45	31.51	8.73	7.92	9.5	3.305	98.0
1287	4/12/2013 0:30:50	11.41	48.85	31.79	8.71	7.91	9.2	3.376	97.5
1288	4/12/2013 0:45:50	11.21	49.13	31.98	8.74	7.91	7.0	3.433	97.5
1289	4/12/2013 1:00:51	11.13	49.37	32.15	8.73	7.90	5.4	3.493	97.3
1290	4/12/2013 1:15:51	11.07	49.53	32.27	8.73	7.90	4.7	3.530	97.3
1291	4/12/2013 1:30:50	11.04	49.48	32.23	8.71	7.90	3.9	3.539	96.9
1292	4/12/2013 1:45:51	11.08	49.53	32.27	8.71	7.90	4.2	3.537	97.0
1293	4/12/2013 2:00:50	11.06	49.43	32.19	8.72	7.90	5.2	3.521	97.1
1294	4/12/2013 2:15:51	11.21	49.33	32.13	8.66	7.91	6.8	3.468	96.7
1295	4/12/2013 2:30:51	11.72	48.61	31.63	8.54	7.92	9.3	3.389	96.2
1296	4/12/2013 2:45:50	11.75	48.41	31.49	8.59	7.92	7.2	3.305	96.6
1297	4/12/2013 3:00:50	11.75	48.59	31.62	8.64	7.93	5.9	3.213	97.3
1298	4/12/2013 3:15:50	12.13	47.98	31.19	8.56	7.94	6.9	3.096	96.9
1299	4/12/2013 3:30:50	12.23	47.74	31.03	8.51	7.94	7.0	2.987	96.4
1300	4/12/2013 3:45:50	12.38	47.85	31.11	8.45	7.94	7.0	2.875	96.1
1301	4/12/2013 4:00:50	12.56	47.43	30.82	8.40	7.94	6.7	2.765	95.7
1302	4/12/2013 4:15:51	12.53	47.71	31.02	8.34	7.93	6.8	2.660	95.1
1303	4/12/2013 4:30:51	12.60	47.55	30.91	8.35	7.94	7.0	2.522	95.2
1304	4/12/2013 4:45:50	13.08	46.72	30.33	8.35	7.96	11.9	2.392	95.9
1305	4/12/2013 5:00:51	13.17	46.68	30.30	8.27	7.96	11.7	2.281	95.1
1306	4/12/2013 5:15:50	13.07	46.63	30.26	8.22	7.96	11.0	2.149	94.3
1307	4/12/2013 5:30:51	13.41	46.18	29.94	8.12	7.97	14.1	2.013	93.6
1308	4/12/2013 5:45:50	13.39	45.89	29.73	8.14	7.97	12.6	1.871	93.8
1309	4/12/2013 6:00:50	13.45	45.85	29.71	8.11	7.97	13.3	1.735	93.5
1310	4/12/2013 6:15:50	13.57	45.82	29.69	8.06	7.97	13.4	1.614	93.2
1311	4/12/2013 6:30:50	13.64	45.63	29.56	7.98	7.97	14.7	1.482	92.3
1312	4/12/2013 6:45:50	13.76	45.47	29.45	7.93	7.98	14.8	1.369	91.9
1313	4/12/2013 7:00:50	13.78	45.29	29.32	7.87	7.98	15.0	1.284	91.1
1314	4/12/2013 7:15:50	13.80	44.97	29.09	7.78	7.97	14.2	1.208	89.9
1315	4/12/2013 7:30:50	13.79	45.13	29.20	7.78	7.97	15.4	1.182	90.0
1316	4/12/2013 7:45:50	13.74	45.01	29.12	7.63	7.96	12.0	1.149	88.2
1317	4/12/2013 8:00:50	13.77	45.29	29.32	7.75	7.97	11.5	1.173	89.7
1318	4/12/2013 8:15:50	13.76	45.32	29.34	7.80	7.97	10.6	1.224	90.3
1319	4/12/2013 8:30:50	13.78	45.33	29.35	7.84	7.97	9.8	1.278	90.8
1320	4/12/2013 8:45:50	13.81	45.32	29.34	7.90	7.98	9.0	1.354	91.5
1321	4/12/2013 9:00:50	13.80	45.04	29.14	7.93	7.98	9.2	1.427	91.8
1322	4/12/2013 9:15:50	13.76	44.52	28.76	7.96	7.97	9.0	1.493	91.8
1323	4/12/2013 9:30:50	13.75	44.74	28.92	7.94	7.97	9.2	1.594	91.6
1324	4/12/2013 9:45:50	13.73	44.88	29.02	7.93	7.97	8.7	1.666	91.5

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1325	4/12/2013 10:00:50	13.71	44.89	29.03	7.92	7.96	8.0	1.729	91.4
1326	4/12/2013 10:15:50	13.68	44.98	29.09	7.85	7.96	8.1	1.809	90.6
1327	4/12/2013 10:30:50	13.55	44.94	29.06	8.00	7.96	8.5	1.919	92.0
1328	4/12/2013 10:45:50	13.42	45.50	29.46	8.05	7.95	8.2	2.003	92.6
1329	4/12/2013 11:00:50	13.30	46.06	29.85	8.12	7.95	7.7	2.086	93.4
1330	4/12/2013 11:15:51	13.18	46.53	30.19	8.16	7.95	7.0	2.195	93.8
1331	4/12/2013 11:30:51	13.16	46.59	30.24	8.21	7.95	7.0	2.298	94.4
1332	4/12/2013 11:45:50	13.08	46.60	30.24	8.26	7.95	7.5	2.394	94.8
1333	4/12/2013 12:00:50	12.98	46.91	30.46	8.29	7.95	8.2	2.466	95.0
1334	4/12/2013 12:15:51	12.89	47.09	30.58	8.34	7.94	8.6	2.577	95.5
1335	4/12/2013 12:30:50	12.88	47.07	30.57	8.35	7.94	8.2	2.663	95.7
1336	4/12/2013 12:45:50	12.73	47.24	30.69	8.42	7.93	10.2	2.741	96.2
1337	4/12/2013 13:00:50	12.47	47.37	30.77	8.48	7.93	9.5	2.820	96.4
1338	4/12/2013 13:15:50	12.44	47.55	30.90	8.50	7.92	8.4	2.888	96.7
1339	4/12/2013 13:30:50	12.30	47.86	31.12	8.49	7.92	8.0	2.959	96.4
1340	4/12/2013 13:45:51	11.81	48.60	31.63	8.45	7.90	8.2	3.016	95.2
	Mean	12.86	48.16	31.36	8.92	8.03	6.22	2.56	102.65
	Minimum	10.32	44.18	28.51	7.63	7.90	1.60	1.12	88.20
	Maximum	15.07	50.88	33.21	11.04	8.20	49.30	3.87	130.90

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

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	4/12/2013 14:16:33	11.55	49.05	31.94	8.14	7.89	4.2	3.110	91.4
1	4/12/2013 14:31:33	11.53	49.14	32.01	8.05	7.89	3.2	3.141	90.5
2	4/12/2013 14:46:33	11.64	49.07	31.96	8.10	7.90	3.7	3.150	91.2
3	4/12/2013 15:01:33	11.50	49.21	32.06	7.99	7.89	3.7	3.129	89.7
4	4/12/2013 15:16:33	11.55	49.14	32.01	8.04	7.90	5.4	3.109	90.3
5	4/12/2013 15:31:33	12.29	48.53	31.60	8.25	7.94	6.7	3.059	94.0
6	4/12/2013 15:46:33	12.35	48.44	31.54	8.25	7.94	6.5	2.986	94.0
7	4/12/2013 16:01:33	12.88	48.08	31.30	8.43	7.96	10.0	2.919	97.0
8	4/12/2013 16:16:33	13.11	48.03	31.27	8.68	7.98	9.0	2.844	100.3
9	4/12/2013 16:31:33	13.26	47.94	31.21	8.82	7.99	7.9	2.762	102.2
10	4/12/2013 16:46:33	13.49	47.76	31.09	8.95	8.02	7.3	2.669	104.2
11	4/12/2013 17:01:33	13.79	47.43	30.86	8.92	8.04	8.3	2.586	104.3
12	4/12/2013 17:16:33	14.01	47.26	30.75	9.07	8.05	9.2	2.522	106.4
13	4/12/2013 17:31:33	14.08	47.00	30.56	9.27	8.06	8.5	2.435	108.8
14	4/12/2013 17:46:32	14.22	46.52	30.21	9.01	8.06	11.8	2.337	105.8
15	4/12/2013 18:01:32	14.38	46.70	30.35	9.24	8.09	8.8	2.277	109.0
16	4/12/2013 18:16:32	14.45	46.54	30.23	9.19	8.09	8.9	2.195	108.4
17	4/12/2013 18:31:33	14.52	46.11	29.93	9.08	8.08	9.8	2.124	107.2
18	4/12/2013 18:46:33	14.52	46.06	29.89	9.06	8.08	8.9	2.070	106.9
19	4/12/2013 19:01:33	14.60	45.80	29.70	8.88	8.07	9.5	2.026	104.8
20	4/12/2013 19:16:32	14.65	45.78	29.69	8.86	8.08	8.4	1.968	104.7
21	4/12/2013 19:31:33	14.65	45.81	29.71	8.78	8.08	8.1	1.957	103.7
22	4/12/2013 19:46:33	14.61	45.84	29.74	8.44	8.06	5.7	1.962	99.7
23	4/12/2013 20:01:33	14.44	46.00	29.85	8.54	8.05	5.0	1.964	100.5
24	4/12/2013 20:16:33	14.42	46.04	29.87	8.68	8.05	6.3	1.996	102.1
25	4/12/2013 20:31:33	14.53	45.82	29.72	8.73	8.06	6.8	2.037	102.9
26	4/12/2013 20:46:32	14.48	45.91	29.78	8.64	8.05	6.7	2.086	101.7
27	4/12/2013 21:01:33	14.36	46.07	29.89	8.66	8.04	7.3	2.156	101.9
28	4/12/2013 21:16:33	14.32	46.03	29.87	8.62	8.04	6.5	2.229	101.3
29	4/12/2013 21:31:33	14.29	46.11	29.92	8.56	8.03	5.5	2.297	100.6
30	4/12/2013 21:46:33	14.15	46.35	30.09	8.55	8.02	6.7	2.378	100.3
31	4/12/2013 22:01:32	13.87	46.82	30.42	8.44	8.00	7.3	2.453	98.6
32	4/12/2013 22:16:33	13.73	46.99	30.54	8.43	7.99	6.0	2.540	98.2
33	4/12/2013 22:31:33	13.48	47.13	30.64	8.33	7.98	5.4	2.597	96.7
34	4/12/2013 22:46:33	13.29	47.31	30.76	8.36	7.98	5.4	2.687	96.6
35	4/12/2013 23:01:33	13.03	47.60	30.96	8.33	7.96	5.4	2.761	95.9
36	4/12/2013 23:16:33	12.70	47.98	31.22	8.22	7.95	4.2	2.833	94.2
37	4/12/2013 23:31:33	12.16	48.64	31.68	7.99	7.91	5.9	2.908	90.8
38	4/12/2013 23:46:33	11.98	48.81	31.79	7.95	7.90	5.7	2.991	90.1
39	4/13/2013 0:01:33	11.77	49.02	31.93	7.91	7.90	6.6	3.065	89.3
40	4/13/2013 0:16:33	11.66	49.12	32.00	7.83	7.89	6.3	3.135	88.2
41	4/13/2013 0:31:33	11.51	49.22	32.07	7.80	7.88	5.4	3.226	87.7
42	4/13/2013 0:46:33	11.31	49.39	32.18	7.71	7.87	5.3	3.300	86.3
43	4/13/2013 1:01:33	11.06	49.64	32.34	7.55	7.86	4.4	3.367	84.2
44	4/13/2013 1:16:33	10.83	49.86	32.49	7.38	7.84	4.0	3.429	81.9
45	4/13/2013 1:31:33	10.58	50.11	32.66	7.16	7.83	3.2	3.480	79.1
46	4/13/2013 1:46:33	10.50	50.20	32.72	7.08	7.82	2.7	3.500	78.1
47	4/13/2013 2:01:33	10.60	50.08	32.64	6.97	7.82	2.8	3.521	77.0
48	4/13/2013 2:16:33	10.40	50.32	32.80	7.02	7.81	2.7	3.518	77.3
49	4/13/2013 2:31:33	10.41	50.33	32.81	6.98	7.81	3.5	3.495	76.9
50	4/13/2013 2:46:33	10.80	49.94	32.55	7.11	7.83	4.5	3.436	78.9
51	4/13/2013 3:01:33	11.25	49.46	32.23	7.42	7.86	5.0	3.373	82.9
52	4/13/2013 3:16:33	11.31	49.38	32.17	7.61	7.87	5.3	3.287	85.2

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
53	4/13/2013 3:31:33	11.71	48.87	31.82	7.73	7.90	4.7	3.192	87.1
54	4/13/2013 3:46:33	11.97	48.64	31.67	7.81	7.91	5.3	3.094	88.4
55	4/13/2013 4:01:33	11.96	48.68	31.70	7.79	7.91	4.5	2.987	88.2
56	4/13/2013 4:16:33	12.48	48.03	31.25	7.87	7.94	5.6	2.880	89.8
57	4/13/2013 4:31:33	12.01	48.62	31.65	7.83	7.91	4.9	2.768	88.6
58	4/13/2013 4:46:33	11.89	48.75	31.74	7.97	7.91	6.8	2.663	90.0
59	4/13/2013 5:01:33	12.65	47.81	31.10	8.02	7.95	6.6	2.566	91.7
60	4/13/2013 5:16:33	12.71	47.66	30.99	7.92	7.95	5.6	2.434	90.6
61	4/13/2013 5:31:33	13.07	47.18	30.66	7.94	7.96	6.9	2.311	91.4
62	4/13/2013 5:46:33	13.08	47.14	30.63	8.08	7.97	9.7	2.198	92.9
63	4/13/2013 6:01:33	13.12	47.08	30.59	8.08	7.97	13.7	2.069	93.0
64	4/13/2013 6:16:33	13.15	47.04	30.56	8.12	7.98	16.7	1.947	93.6
65	4/13/2013 6:31:33	13.21	46.92	30.47	8.16	7.99	18.3	1.817	94.0
66	4/13/2013 6:46:33	13.41	46.69	30.31	8.16	8.00	20.2	1.692	94.3
67	4/13/2013 7:01:33	13.43	46.66	30.29	8.17	8.00	23.3	1.568	94.5
68	4/13/2013 7:16:33	13.59	46.48	30.17	8.12	8.01	22.7	1.461	94.2
69	4/13/2013 7:31:33	13.63	46.34	30.07	8.12	8.01	21.4	1.356	94.2
70	4/13/2013 7:46:33	13.70	46.23	29.99	8.11	8.02	18.1	1.283	94.1
71	4/13/2013 8:01:33	13.79	46.07	29.88	8.09	8.02	17.9	1.256	94.0
72	4/13/2013 8:16:33	13.86	45.87	29.73	8.07	8.03	17.3	1.214	93.8
73	4/13/2013 8:31:33	13.89	45.84	29.71	7.89	8.03	14.4	1.217	91.8
74	4/13/2013 8:46:33	13.78	46.00	29.83	7.90	8.02	15.3	1.272	91.7
75	4/13/2013 9:01:33	13.82	45.96	29.80	7.97	8.02	13.0	1.308	92.6
76	4/13/2013 9:16:33	13.91	45.84	29.72	7.97	8.03	11.2	1.352	92.7
77	4/13/2013 9:31:33	13.86	45.93	29.78	7.86	8.02	11.3	1.427	91.4
78	4/13/2013 9:46:33	13.81	46.01	29.84	7.87	8.01	10.8	1.501	91.5
79	4/13/2013 10:01:33	13.77	46.10	29.90	7.89	8.01	10.8	1.573	91.6
80	4/13/2013 10:16:33	13.90	45.73	29.64	7.97	8.01	9.4	1.620	92.7
81	4/13/2013 10:31:33	13.91	45.67	29.59	7.85	8.01	7.6	1.713	91.3
82	4/13/2013 10:46:33	13.89	45.79	29.68	7.91	8.01	8.6	1.802	92.0
83	4/13/2013 11:01:33	13.85	45.86	29.73	7.92	8.00	8.9	1.864	92.1
84	4/13/2013 11:16:33	13.72	46.09	29.89	7.79	7.99	6.2	1.943	90.4
85	4/13/2013 11:31:33	13.42	46.63	30.27	7.86	7.97	8.0	2.051	90.9
86	4/13/2013 11:46:33	13.37	46.70	30.32	7.88	7.96	6.4	2.143	91.0
87	4/13/2013 12:01:33	13.35	46.68	30.31	7.94	7.97	6.6	2.227	91.7
88	4/13/2013 12:16:33	13.16	47.05	30.56	7.84	7.95	6.4	2.320	90.3
89	4/13/2013 12:31:33	13.15	47.00	30.53	7.91	7.96	6.2	2.410	91.1
90	4/13/2013 12:46:33	13.09	47.06	30.57	7.92	7.95	6.2	2.501	91.1
91	4/13/2013 13:01:33	13.14	47.04	30.56	7.97	7.95	5.5	2.573	91.8
92	4/13/2013 13:16:33	13.03	47.29	30.74	7.93	7.95	5.4	2.660	91.3
93	4/13/2013 13:31:33	12.69	47.74	31.05	7.86	7.93	5.7	2.729	89.9
94	4/13/2013 13:46:33	12.71	47.76	31.07	7.87	7.93	5.9	2.806	90.1
95	4/13/2013 14:01:33	12.63	47.89	31.16	7.92	7.92	6.3	2.871	90.5
96	4/13/2013 14:16:33	12.48	48.04	31.26	7.90	7.92	4.8	2.916	90.1
97	4/13/2013 14:31:33	12.24	48.26	31.40	7.78	7.90	4.2	2.979	88.3
98	4/13/2013 14:46:33	11.97	48.56	31.61	7.72	7.89	4.2	3.004	87.3
99	4/13/2013 15:01:33	11.82	48.76	31.75	7.75	7.88	3.2	3.047	87.5
100	4/13/2013 15:16:33	11.89	48.79	31.77	7.80	7.89	2.8	3.060	88.2
101	4/13/2013 15:31:33	12.01	48.68	31.70	7.76	7.89	3.6	3.069	87.9
102	4/13/2013 15:46:33	12.00	48.71	31.72	7.76	7.89	3.4	3.067	87.9
103	4/13/2013 16:01:33	12.38	48.43	31.53	7.98	7.91	6.0	3.040	91.0
104	4/13/2013 16:16:33	12.79	48.20	31.38	8.43	7.95	10.9	2.999	96.8
105	4/13/2013 16:31:33	12.72	48.33	31.47	8.56	7.95	11.4	2.940	98.2

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
106	4/13/2013 16:46:33	12.67	48.34	31.48	8.54	7.95	12.6	2.886	98.0
107	4/13/2013 17:01:33	12.60	48.39	31.52	8.56	7.95	12.0	2.812	98.0
108	4/13/2013 17:16:33	13.02	48.07	31.30	8.62	7.98	17.3	2.746	99.5
109	4/13/2013 17:31:33	13.07	47.90	31.17	8.61	7.98	16.2	2.677	99.4
110	4/13/2013 17:46:33	13.16	47.78	31.09	8.65	7.99	16.9	2.596	100.0
111	4/13/2013 18:01:33	13.30	47.59	30.96	8.64	8.00	19.0	2.528	100.0
112	4/13/2013 18:16:33	13.06	48.10	31.32	8.71	8.03	18.3	2.461	100.6
113	4/13/2013 18:31:33	13.75	46.86	30.45	8.57	8.01	21.4	2.389	99.9
114	4/13/2013 18:46:33	13.88	46.65	30.30	8.48	8.01	24.1	2.323	99.0
115	4/13/2013 19:01:33	13.92	46.53	30.21	8.44	8.01	24.1	2.274	98.5
116	4/13/2013 19:16:33	13.93	46.49	30.19	8.37	8.01	23.1	2.223	97.7
117	4/13/2013 19:31:33	13.99	46.40	30.12	8.31	8.01	21.5	2.169	97.2
118	4/13/2013 19:46:32	13.95	46.40	30.12	8.32	8.02	20.2	2.148	97.1
119	4/13/2013 20:01:32	14.01	46.27	30.03	8.14	8.01	20.2	2.135	95.1
120	4/13/2013 20:16:32	14.03	46.22	30.00	8.14	8.01	17.8	2.113	95.1
121	4/13/2013 20:31:32	13.92	46.35	30.08	7.87	8.00	13.3	2.130	91.8
122	4/13/2013 20:46:32	13.93	46.40	30.12	8.10	8.00	13.4	2.148	94.6
123	4/13/2013 21:01:33	13.99	46.31	30.06	8.14	8.00	14.1	2.175	95.2
124	4/13/2013 21:16:32	14.04	46.24	30.00	8.04	8.00	14.5	2.218	94.0
125	4/13/2013 21:31:32	14.05	46.30	30.05	7.98	7.99	14.0	2.264	93.3
126	4/13/2013 21:46:32	13.90	46.51	30.20	8.10	7.98	14.2	2.320	94.5
127	4/13/2013 22:01:33	13.88	46.45	30.16	8.06	7.98	12.8	2.380	94.0
128	4/13/2013 22:16:33	13.93	46.39	30.12	8.06	7.98	12.5	2.434	94.0
129	4/13/2013 22:31:33	13.93	46.25	30.01	8.15	8.00	11.0	2.505	95.1
130	4/13/2013 22:46:33	13.80	46.51	30.20	8.06	7.98	9.7	2.578	93.9
131	4/13/2013 23:01:33	13.66	46.73	30.35	8.10	7.97	10.2	2.630	94.1
132	4/13/2013 23:16:33	13.34	47.18	30.66	8.01	7.95	10.7	2.712	92.7
133	4/13/2013 23:31:33	13.02	47.50	30.89	8.02	7.94	10.1	2.771	92.4
134	4/13/2013 23:46:33	12.90	47.58	30.94	8.09	7.94	8.1	2.847	92.9
135	4/14/2013 0:01:33	12.76	47.66	30.99	8.11	7.94	7.7	2.923	92.9
136	4/14/2013 0:16:33	12.70	47.70	31.02	8.13	7.94	8.1	2.997	93.0
137	4/14/2013 0:31:33	12.27	48.21	31.37	8.09	7.92	6.4	3.048	91.9
138	4/14/2013 0:46:33	11.79	48.88	31.83	8.00	7.89	5.0	3.133	90.2
139	4/14/2013 1:01:33	11.54	49.18	32.04	7.94	7.87	6.7	3.209	89.2
140	4/14/2013 1:16:33	11.35	49.35	32.15	7.95	7.86	6.7	3.256	89.1
141	4/14/2013 1:31:33	11.24	49.45	32.22	7.94	7.86	5.5	3.315	88.8
142	4/14/2013 1:46:33	11.12	49.51	32.26	7.97	7.86	4.5	3.389	88.9
143	4/14/2013 2:01:33	11.04	49.59	32.31	7.92	7.86	3.2	3.418	88.2
144	4/14/2013 2:16:33	11.03	49.59	32.31	7.88	7.85	3.1	3.426	87.7
145	4/14/2013 2:31:33	11.02	49.62	32.33	7.78	7.85	2.9	3.463	86.6
146	4/14/2013 2:46:33	10.99	49.65	32.35	7.86	7.85	3.9	3.454	87.5
147	4/14/2013 3:01:33	10.91	49.71	32.38	7.93	7.85	5.3	3.417	88.1
148	4/14/2013 3:16:33	11.66	48.86	31.81	7.87	7.88	7.1	3.369	88.5
149	4/14/2013 3:31:33	11.59	48.93	31.86	7.88	7.88	5.5	3.330	88.6
150	4/14/2013 3:46:33	11.82	48.64	31.66	7.93	7.90	6.1	3.266	89.4
151	4/14/2013 4:01:33	12.01	48.30	31.42	7.96	7.91	7.5	3.186	90.0
152	4/14/2013 4:16:33	11.93	48.52	31.58	7.89	7.90	6.9	3.149	89.2
153	4/14/2013 4:31:33	12.04	48.38	31.49	7.87	7.90	6.5	3.038	89.1
154	4/14/2013 4:46:33	12.20	48.17	31.34	7.89	7.91	6.8	2.951	89.5
155	4/14/2013 5:01:33	12.21	48.15	31.32	7.93	7.91	8.3	2.831	90.0
156	4/14/2013 5:16:33	12.14	48.18	31.35	7.90	7.90	6.8	2.740	89.6
157	4/14/2013 5:31:33	12.37	47.89	31.14	7.91	7.92	9.7	2.619	90.0
158	4/14/2013 5:46:33	12.09	48.10	31.28	7.84	7.90	7.0	2.518	88.7

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
159	4/14/2013 6:01:33	12.92	47.13	30.61	7.81	7.94	11.4	2.427	89.5
160	4/14/2013 6:16:33	12.42	47.54	30.89	7.72	7.91	9.7	2.297	87.8
161	4/14/2013 6:31:33	12.57	47.30	30.73	7.67	7.92	10.9	2.165	87.3
162	4/14/2013 6:46:33	12.85	47.02	30.53	7.71	7.93	12.8	2.076	88.3
163	4/14/2013 7:01:33	12.71	47.07	30.57	7.69	7.93	12.8	1.966	87.8
164	4/14/2013 7:16:33	12.84	46.91	30.45	7.66	7.94	13.6	1.841	87.6
165	4/14/2013 7:31:33	12.96	46.75	30.35	7.67	7.94	14.1	1.734	87.9
166	4/14/2013 7:46:33	13.04	46.61	30.25	7.65	7.94	14.0	1.601	87.8
167	4/14/2013 8:01:33	13.11	46.45	30.13	7.62	7.95	14.7	1.507	87.5
168	4/14/2013 8:16:33	13.15	46.35	30.06	7.56	7.94	14.2	1.443	86.8
169	4/14/2013 8:31:33	13.16	46.29	30.02	7.44	7.94	13.3	1.376	85.5
170	4/14/2013 8:46:33	13.17	46.24	29.98	7.46	7.94	12.4	1.329	85.7
171	4/14/2013 9:01:33	13.20	46.23	29.98	7.49	7.94	11.0	1.318	86.0
172	4/14/2013 9:16:33	13.18	46.29	30.02	7.41	7.94	10.4	1.321	85.1
173	4/14/2013 9:31:33	13.18	46.33	30.05	7.42	7.94	10.5	1.348	85.2
174	4/14/2013 9:46:33	13.21	46.38	30.08	7.43	7.94	10.1	1.353	85.4
175	4/14/2013 10:01:33	13.23	46.41	30.11	7.47	7.94	10.6	1.442	86.0
176	4/14/2013 10:16:33	13.32	46.42	30.12	7.56	7.94	9.8	1.469	87.1
177	4/14/2013 10:31:33	13.35	46.32	30.04	7.51	7.95	9.5	1.552	86.6
178	4/14/2013 10:46:33	13.36	45.70	29.60	7.66	7.96	9.2	1.607	88.1
179	4/14/2013 11:01:33	13.30	45.75	29.63	7.57	7.95	8.3	1.695	87.0
180	4/14/2013 11:16:33	13.25	45.96	29.79	7.54	7.95	8.8	1.789	86.6
181	4/14/2013 11:31:33	13.23	46.12	29.89	7.44	7.94	8.0	1.825	85.5
182	4/14/2013 11:46:33	13.17	46.17	29.93	7.47	7.94	8.0	1.897	85.7
183	4/14/2013 12:01:33	13.05	46.36	30.06	7.57	7.94	8.4	1.989	86.8
184	4/14/2013 12:16:33	12.94	46.66	30.28	7.55	7.92	7.7	2.072	86.4
185	4/14/2013 12:31:33	12.81	47.07	30.57	7.63	7.92	7.9	2.175	87.3
186	4/14/2013 12:46:33	12.71	47.33	30.75	7.66	7.92	7.4	2.246	87.5
187	4/14/2013 13:01:33	12.60	47.56	30.92	7.68	7.91	6.4	2.318	87.7
188	4/14/2013 13:16:33	12.56	47.73	31.04	7.73	7.91	6.7	2.405	88.2
189	4/14/2013 13:31:33	12.51	47.83	31.11	7.74	7.91	6.7	2.483	88.3
190	4/14/2013 13:46:33	12.44	47.98	31.21	7.75	7.90	6.7	2.561	88.3
191	4/14/2013 14:01:33	12.35	48.10	31.29	7.78	7.90	6.2	2.620	88.5
192	4/14/2013 14:16:33	12.38	48.11	31.30	7.78	7.90	5.6	2.695	88.5
193	4/14/2013 14:31:33	12.24	48.19	31.36	7.82	7.89	5.7	2.753	88.8
194	4/14/2013 14:46:33	12.10	48.29	31.42	7.86	7.89	5.7	2.813	89.0
195	4/14/2013 15:01:33	12.00	48.38	31.48	7.90	7.88	5.4	2.871	89.4
196	4/14/2013 15:16:33	11.96	48.42	31.51	7.91	7.88	4.5	2.897	89.4
197	4/14/2013 15:31:33	11.92	48.48	31.55	7.93	7.88	4.0	2.975	89.6
198	4/14/2013 15:46:33	11.70	48.66	31.67	7.72	7.87	3.2	2.979	86.8
199	4/14/2013 16:01:33	11.55	48.86	31.81	7.80	7.85	3.1	2.994	87.6
200	4/14/2013 16:16:33	11.82	48.61	31.64	7.79	7.87	2.8	3.008	87.9
201	4/14/2013 16:31:33	11.71	48.72	31.72	7.84	7.86	4.2	2.998	88.2
202	4/14/2013 16:46:33	11.65	48.75	31.73	7.94	7.86	4.6	2.982	89.2
203	4/14/2013 17:01:33	11.75	48.65	31.66	7.86	7.86	5.2	2.942	88.5
204	4/14/2013 17:16:33	11.94	48.47	31.54	7.91	7.88	5.3	2.912	89.4
205	4/14/2013 17:31:33	12.46	48.18	31.36	8.04	7.91	5.6	2.849	91.7
206	4/14/2013 17:46:33	12.60	48.15	31.34	8.22	7.93	5.4	2.793	94.1
207	4/14/2013 18:01:33	12.62	48.19	31.37	8.70	7.96	5.3	2.729	99.7
208	4/14/2013 18:16:33	12.63	48.15	31.34	8.71	7.96	5.5	2.668	99.7
209	4/14/2013 18:31:33	12.70	48.10	31.31	8.75	7.98	5.5	2.612	100.3
210	4/14/2013 18:46:33	12.77	47.99	31.23	8.72	7.98	6.0	2.547	100.1
211	4/14/2013 19:01:33	12.82	47.97	31.22	8.89	8.01	6.2	2.493	102.1

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
212	4/14/2013 19:16:33	12.86	47.82	31.11	8.94	8.02	7.1	2.440	102.7
213	4/14/2013 19:31:33	12.95	47.45	30.85	8.79	8.01	8.1	2.370	101.0
214	4/14/2013 19:46:33	13.01	47.26	30.71	8.73	8.01	7.9	2.341	100.4
215	4/14/2013 20:01:33	12.97	47.26	30.71	8.75	8.02	8.1	2.296	100.5
216	4/14/2013 20:16:33	13.02	47.12	30.61	8.74	8.03	7.8	2.272	100.4
217	4/14/2013 20:31:33	12.97	47.18	30.65	8.60	8.02	9.0	2.235	98.8
218	4/14/2013 20:46:33	12.99	47.09	30.59	8.49	8.01	8.0	2.216	97.5
219	4/14/2013 21:01:33	12.97	47.13	30.62	8.12	8.00	6.1	2.211	93.2
220	4/14/2013 21:16:33	12.97	47.25	30.71	8.45	8.00	5.7	2.226	97.1
221	4/14/2013 21:31:33	12.93	47.34	30.77	8.28	7.98	5.1	2.240	95.1
222	4/14/2013 21:46:33	13.16	46.85	30.42	8.35	7.99	6.1	2.272	96.2
223	4/14/2013 22:01:33	13.20	46.79	30.38	8.34	8.00	5.6	2.301	96.1
224	4/14/2013 22:16:33	13.00	47.26	30.71	8.28	7.97	5.1	2.336	95.1
225	4/14/2013 22:31:33	12.97	47.32	30.75	8.21	7.97	4.9	2.377	94.3
226	4/14/2013 22:46:33	12.92	47.31	30.74	8.34	7.97	5.4	2.436	95.7
227	4/14/2013 23:01:33	12.97	47.19	30.66	8.30	7.97	6.1	2.488	95.3
228	4/14/2013 23:16:33	12.92	47.41	30.82	8.17	7.96	4.8	2.555	93.9
229	4/14/2013 23:31:33	12.75	47.70	31.02	8.17	7.94	5.6	2.617	93.6
230	4/14/2013 23:46:33	12.51	47.99	31.22	8.17	7.92	5.2	2.679	93.2
231	4/15/2013 0:01:33	12.60	47.76	31.06	8.26	7.94	4.5	2.737	94.3
232	4/15/2013 0:16:33	12.36	47.96	31.20	8.30	7.93	5.0	2.805	94.4
233	4/15/2013 0:31:33	12.14	48.19	31.35	8.31	7.92	4.8	2.872	94.2
234	4/15/2013 0:46:33	11.98	48.32	31.44	8.28	7.91	4.9	2.922	93.6
235	4/15/2013 1:01:33	11.87	48.45	31.53	8.28	7.90	4.5	2.996	93.5
236	4/15/2013 1:16:33	11.59	48.80	31.76	8.30	7.89	3.7	3.062	93.2
237	4/15/2013 1:31:33	11.29	49.13	31.99	8.30	7.87	3.3	3.122	92.7
238	4/15/2013 1:46:33	10.85	49.70	32.38	8.29	7.84	3.4	3.181	92.0
239	4/15/2013 2:01:33	10.75	49.83	32.47	8.27	7.83	3.2	3.230	91.6
240	4/15/2013 2:16:33	10.58	49.99	32.57	8.24	7.82	3.1	3.267	91.0
241	4/15/2013 2:31:33	10.66	49.84	32.47	8.24	7.83	3.4	3.302	91.1
242	4/15/2013 2:46:33	10.58	49.91	32.51	8.23	7.83	2.3	3.331	90.9
243	4/15/2013 3:01:33	10.63	49.86	32.48	8.07	7.82	2.4	3.354	89.2
244	4/15/2013 3:16:33	10.69	49.90	32.51	8.16	7.82	4.0	3.355	90.3
245	4/15/2013 3:31:33	10.40	50.18	32.70	8.26	7.81	3.4	3.331	90.9
246	4/15/2013 3:46:33	10.60	49.98	32.56	8.23	7.82	3.9	3.313	91.0
247	4/15/2013 4:01:33	10.94	49.50	32.24	8.25	7.85	4.3	3.262	91.7
248	4/15/2013 4:16:33	11.15	49.07	31.93	8.28	7.87	5.7	3.200	92.2
249	4/15/2013 4:31:33	10.94	49.27	32.07	8.33	7.87	5.0	3.125	92.4
250	4/15/2013 4:46:33	10.85	49.40	32.16	8.33	7.86	4.8	3.059	92.3
251	4/15/2013 5:01:33	10.94	49.22	32.03	8.30	7.87	4.2	2.989	92.1
252	4/15/2013 5:16:33	11.61	48.49	31.54	8.06	7.89	6.2	2.887	90.5
253	4/15/2013 5:31:33	11.68	48.38	31.47	8.00	7.89	5.9	2.815	89.9
254	4/15/2013 5:46:33	11.62	48.41	31.49	8.08	7.89	5.6	2.713	90.7
255	4/15/2013 6:01:33	11.78	48.27	31.39	8.13	7.90	6.8	2.615	91.5
256	4/15/2013 6:16:33	11.91	48.07	31.26	8.12	7.91	7.8	2.531	91.5
257	4/15/2013 6:31:33	11.84	48.02	31.21	8.08	7.91	6.5	2.418	90.9
258	4/15/2013 6:46:33	12.17	47.54	30.88	8.03	7.93	8.0	2.319	90.7
259	4/15/2013 7:01:33	11.85	47.75	31.02	8.04	7.92	7.3	2.219	90.4
260	4/15/2013 7:16:33	12.25	47.35	30.75	8.02	7.94	8.8	2.108	90.7
261	4/15/2013 7:31:33	12.30	47.34	30.74	8.06	7.95	8.7	2.005	91.3
262	4/15/2013 7:46:33	12.22	47.34	30.74	8.05	7.95	8.4	1.894	91.0
263	4/15/2013 8:01:33	12.34	47.14	30.60	8.11	7.98	8.7	1.796	91.9
264	4/15/2013 8:16:33	12.40	47.05	30.53	8.13	7.98	9.0	1.694	92.2

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	4/15/2013 8:31:33	12.47	47.00	30.50	8.11	7.98	7.9	1.622	92.0
266	4/15/2013 8:46:33	12.47	46.94	30.46	8.10	7.99	8.4	1.529	91.9
267	4/15/2013 9:01:33	12.48	46.94	30.46	8.03	7.98	7.6	1.485	91.2
268	4/15/2013 9:16:33	12.49	46.94	30.46	7.96	7.98	6.8	1.427	90.4
269	4/15/2013 9:31:33	12.48	46.92	30.45	7.97	7.98	5.9	1.407	90.5
270	4/15/2013 9:46:33	12.41	46.96	30.47	7.91	7.97	6.7	1.402	89.6
271	4/15/2013 10:01:33	12.46	46.95	30.47	7.93	7.98	6.1	1.407	90.0
272	4/15/2013 10:16:33	12.50	46.94	30.46	7.92	7.98	5.3	1.430	90.0
273	4/15/2013 10:31:33	12.51	46.94	30.46	7.96	7.98	5.7	1.462	90.4
274	4/15/2013 10:46:33	12.54	46.95	30.47	7.96	7.98	5.7	1.502	90.5
275	4/15/2013 11:01:33	12.54	46.95	30.47	7.95	7.97	5.7	1.551	90.4
276	4/15/2013 11:16:33	12.57	46.96	30.48	7.92	7.97	5.2	1.609	90.0
277	4/15/2013 11:31:33	12.58	46.97	30.49	7.94	7.97	5.4	1.668	90.4
278	4/15/2013 11:46:33	12.70	46.62	30.24	8.05	7.98	5.6	1.725	91.7
279	4/15/2013 12:01:33	12.64	46.56	30.19	7.96	7.98	5.3	1.790	90.5
280	4/15/2013 12:16:33	12.61	46.63	30.24	7.93	7.97	5.3	1.865	90.1
281	4/15/2013 12:31:33	12.57	46.76	30.33	7.88	7.97	5.1	1.924	89.5
282	4/15/2013 12:46:33	12.53	46.84	30.39	7.86	7.96	5.0	2.005	89.2
283	4/15/2013 13:01:33	12.24	47.41	30.79	7.78	7.92	4.6	2.079	88.0
284	4/15/2013 13:16:33	12.18	47.57	30.90	7.84	7.92	5.0	2.146	88.6
285	4/15/2013 13:31:33	12.07	47.87	31.12	7.87	7.90	5.1	2.237	89.0
286	4/15/2013 13:46:33	12.19	47.77	31.05	7.92	7.91	4.7	2.308	89.7
287	4/15/2013 14:01:33	11.99	48.07	31.26	7.89	7.90	5.4	2.370	89.1
288	4/15/2013 14:16:33	11.96	48.13	31.30	7.90	7.90	4.5	2.447	89.2
289	4/15/2013 14:31:33	12.09	47.96	31.18	7.93	7.90	4.4	2.521	89.6
290	4/15/2013 14:46:33	12.15	47.96	31.19	8.03	7.91	4.0	2.586	90.9
291	4/15/2013 15:01:33	12.01	48.17	31.33	8.07	7.90	3.9	2.638	91.2
292	4/15/2013 15:16:33	11.75	48.42	31.50	7.96	7.88	3.8	2.696	89.6
293	4/15/2013 15:31:33	11.74	48.45	31.52	7.95	7.88	3.3	2.747	89.4
294	4/15/2013 15:46:33	11.74	48.47	31.53	7.97	7.88	3.4	2.792	89.7
295	4/15/2013 16:01:33	11.73	48.50	31.56	7.98	7.88	3.2	2.823	89.8
296	4/15/2013 16:16:33	11.72	48.53	31.58	8.00	7.88	3.2	2.857	90.0
297	4/15/2013 16:31:33	11.70	48.57	31.60	7.99	7.88	3.1	2.890	89.9
298	4/15/2013 16:46:33	11.68	48.60	31.63	7.92	7.87	2.5	2.899	89.1
299	4/15/2013 17:01:34	11.71	48.63	31.65	7.92	7.87	3.7	2.904	89.1
300	4/15/2013 17:16:33	11.71	48.56	31.60	7.99	7.87	3.4	2.907	89.9
301	4/15/2013 17:31:33	11.72	48.55	31.59	8.02	7.87	4.0	2.894	90.2
302	4/15/2013 17:46:33	11.82	48.44	31.51	8.03	7.88	6.1	2.858	90.5
303	4/15/2013 18:01:33	12.05	48.32	31.44	8.32	7.91	8.3	2.822	94.2
304	4/15/2013 18:16:33	12.04	48.31	31.44	8.51	7.93	13.3	2.799	96.2
305	4/15/2013 18:31:33	11.95	48.37	31.47	8.66	7.94	10.0	2.745	97.8
306	4/15/2013 18:46:33	11.93	48.36	31.46	8.77	7.95	10.9	2.695	99.0
307	4/15/2013 19:01:33	11.98	48.29	31.42	8.76	7.95	12.2	2.637	99.0
308	4/15/2013 19:16:33	11.87	48.37	31.46	8.78	7.96	11.4	2.596	99.0
309	4/15/2013 19:31:33	12.13	48.02	31.22	8.60	7.95	14.2	2.539	97.4
310	4/15/2013 19:46:33	12.16	47.90	31.14	8.71	7.97	14.8	2.477	98.6
311	4/15/2013 20:01:33	12.03	47.94	31.16	8.74	7.98	16.1	2.441	98.7
312	4/15/2013 20:16:33	12.16	47.72	31.01	8.61	7.98	16.1	2.396	97.4
313	4/15/2013 20:31:33	12.07	47.70	30.99	8.63	7.98	16.0	2.359	97.4
314	4/15/2013 20:46:33	12.18	47.52	30.87	8.56	7.99	16.9	2.322	96.8
315	4/15/2013 21:01:33	12.38	47.30	30.72	8.47	7.98	16.6	2.316	96.1
316	4/15/2013 21:16:33	12.39	47.31	30.72	8.45	7.99	15.8	2.301	95.9
317	4/15/2013 21:31:33	12.36	47.27	30.70	8.34	7.99	13.3	2.279	94.6

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
318	4/15/2013 21:46:33	12.33	47.31	30.73	7.98	7.98	13.8	2.295	90.4
319	4/15/2013 22:01:33	12.44	47.34	30.75	8.25	7.98	11.2	2.298	93.7
320	4/15/2013 22:16:33	12.39	47.32	30.73	8.32	7.98	10.8	2.322	94.4
321	4/15/2013 22:31:33	12.39	47.33	30.74	8.35	7.97	10.1	2.336	94.8
322	4/15/2013 22:46:33	12.36	47.34	30.75	8.33	7.97	9.1	2.360	94.4
323	4/15/2013 23:01:33	12.34	47.44	30.82	8.19	7.95	9.0	2.400	92.9
324	4/15/2013 23:16:33	12.37	47.39	30.78	8.28	7.96	9.2	2.430	93.9
325	4/15/2013 23:31:33	12.31	47.41	30.79	8.24	7.96	9.0	2.469	93.4
326	4/15/2013 23:46:33	12.22	47.57	30.91	8.29	7.94	8.3	2.516	93.8
327	4/16/2013 0:01:33	12.25	47.49	30.85	8.27	7.94	9.0	2.566	93.7
328	4/16/2013 0:16:33	12.33	47.35	30.75	8.29	7.96	9.5	2.618	94.0
329	4/16/2013 0:31:33	12.36	47.42	30.81	8.23	7.95	8.6	2.673	93.4
330	4/16/2013 0:46:33	12.23	47.74	31.03	8.21	7.93	7.6	2.727	93.0
331	4/16/2013 1:01:33	11.62	48.59	31.62	8.13	7.88	6.4	2.774	91.2
332	4/16/2013 1:16:33	11.42	48.80	31.76	8.21	7.88	5.8	2.836	91.8
333	4/16/2013 1:31:33	11.21	49.00	31.89	8.23	7.87	5.3	2.881	91.7
334	4/16/2013 1:46:33	11.17	48.97	31.87	8.22	7.87	5.7	2.935	91.5
335	4/16/2013 2:01:33	11.13	48.98	31.87	8.24	7.86	5.0	2.991	91.7
336	4/16/2013 2:16:33	10.93	49.25	32.06	8.19	7.85	4.6	3.031	90.9
337	4/16/2013 2:31:33	10.78	49.45	32.19	8.19	7.85	3.9	3.083	90.6
338	4/16/2013 2:46:33	10.69	49.55	32.26	8.07	7.84	2.9	3.129	89.2
339	4/16/2013 3:01:34	10.69	49.51	32.23	8.13	7.84	3.6	3.169	89.8
340	4/16/2013 3:16:33	10.70	49.48	32.21	8.17	7.84	3.2	3.195	90.2
341	4/16/2013 3:31:33	10.62	49.58	32.27	8.08	7.84	3.2	3.220	89.1
342	4/16/2013 3:46:33	10.68	49.55	32.26	8.09	7.84	3.4	3.225	89.4
343	4/16/2013 4:01:33	10.57	49.71	32.37	7.83	7.82	3.2	3.225	86.4
344	4/16/2013 4:16:33	10.67	49.61	32.30	7.91	7.83	2.8	3.208	87.4
345	4/16/2013 4:31:33	10.89	49.33	32.11	7.97	7.84	4.4	3.177	88.4
346	4/16/2013 4:46:33	11.00	48.89	31.80	8.13	7.87	5.4	3.140	90.2
347	4/16/2013 5:01:33	11.08	48.68	31.65	8.12	7.87	6.7	3.083	90.1
348	4/16/2013 5:16:33	11.29	48.22	31.33	8.18	7.92	7.3	3.027	91.0
349	4/16/2013 5:31:33	11.14	48.62	31.61	8.13	7.88	6.1	2.960	90.4
350	4/16/2013 5:46:33	11.29	48.42	31.47	8.17	7.90	8.1	2.881	91.0
351	4/16/2013 6:01:33	11.45	48.04	31.21	8.14	7.94	7.7	2.817	90.8
352	4/16/2013 6:16:33	11.46	48.06	31.22	8.12	7.93	7.0	2.735	90.6
353	4/16/2013 6:31:33	11.32	48.21	31.33	8.15	7.91	7.9	2.649	90.8
354	4/16/2013 6:46:33	11.47	47.98	31.16	8.12	7.91	8.1	2.566	90.6
355	4/16/2013 7:01:33	11.23	48.12	31.26	8.12	7.91	7.3	2.487	90.2
356	4/16/2013 7:16:33	11.31	47.94	31.13	8.11	7.92	8.4	2.389	90.1
357	4/16/2013 7:31:33	11.41	47.89	31.10	8.15	7.93	10.0	2.301	90.8
358	4/16/2013 7:46:33	11.36	47.78	31.02	8.13	7.94	9.9	2.202	90.4
359	4/16/2013 8:01:33	11.47	47.69	30.96	8.18	7.95	10.3	2.101	91.2
360	4/16/2013 8:16:33	11.40	47.66	30.93	8.21	7.95	10.9	2.016	91.4
361	4/16/2013 8:31:33	11.55	47.49	30.82	8.21	7.97	11.1	1.920	91.6
362	4/16/2013 8:46:33	11.59	47.43	30.78	8.24	7.98	12.0	1.834	92.0
363	4/16/2013 9:01:33	11.68	47.34	30.71	8.27	7.99	11.2	1.749	92.4
364	4/16/2013 9:16:33	11.75	47.27	30.67	8.25	7.99	11.1	1.682	92.4
365	4/16/2013 9:31:33	11.80	47.17	30.60	8.28	8.00	10.9	1.624	92.7
366	4/16/2013 9:46:33	11.82	47.16	30.60	8.15	8.00	10.6	1.583	91.4
367	4/16/2013 10:01:33	11.85	47.15	30.59	8.04	8.00	9.2	1.553	90.1
368	4/16/2013 10:16:33	11.88	47.16	30.59	7.88	7.98	8.9	1.530	88.4
369	4/16/2013 10:31:33	11.76	47.24	30.64	7.71	7.96	6.1	1.507	86.3
370	4/16/2013 10:46:33	11.78	47.26	30.67	7.95	7.98	8.7	1.526	89.0

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	4/16/2013 11:01:33	11.78	47.29	30.69	7.90	7.97	7.2	1.546	88.5
372	4/16/2013 11:16:33	11.78	47.27	30.67	7.94	7.97	7.9	1.554	89.0
373	4/16/2013 11:31:33	11.82	47.26	30.66	7.92	7.97	6.7	1.605	88.7
374	4/16/2013 11:46:33	11.83	47.23	30.64	7.93	7.98	7.0	1.630	88.9
375	4/16/2013 12:01:33	11.82	47.25	30.66	7.89	7.97	7.1	1.678	88.5
376	4/16/2013 12:16:33	11.83	47.25	30.66	7.95	7.97	7.4	1.719	89.2
377	4/16/2013 12:31:33	11.86	47.28	30.68	7.96	7.97	7.3	1.765	89.3
378	4/16/2013 12:46:34	11.86	47.30	30.70	7.96	7.97	7.3	1.841	89.3
379	4/16/2013 13:01:33	11.88	47.29	30.69	7.96	7.97	6.1	1.888	89.4
380	4/16/2013 13:16:33	11.93	47.28	30.68	7.95	7.97	7.5	1.957	89.3
381	4/16/2013 13:31:33	11.95	47.23	30.65	8.02	7.97	7.0	2.015	90.2
382	4/16/2013 13:46:33	11.86	47.25	30.66	7.92	7.96	6.8	2.094	88.8
383	4/16/2013 14:01:33	11.80	47.41	30.77	7.92	7.95	6.7	2.172	88.8
384	4/16/2013 14:16:33	11.60	47.82	31.06	7.93	7.92	5.6	2.232	88.6
385	4/16/2013 14:31:33	11.60	47.90	31.11	7.94	7.91	6.1	2.310	88.8
386	4/16/2013 14:46:33	11.56	48.03	31.21	7.98	7.91	5.1	2.374	89.3
387	4/16/2013 15:01:33	11.56	48.10	31.26	8.01	7.91	5.4	2.440	89.6
388	4/16/2013 15:16:33	11.54	48.19	31.32	8.02	7.90	4.8	2.496	89.8
389	4/16/2013 15:31:33	11.51	48.26	31.37	8.04	7.90	4.5	2.544	89.9
390	4/16/2013 15:46:33	11.51	48.28	31.38	8.01	7.90	4.0	2.605	89.6
391	4/16/2013 16:01:33	11.54	48.30	31.40	8.09	7.90	4.7	2.655	90.5
392	4/16/2013 16:16:33	11.60	48.33	31.43	8.14	7.90	4.7	2.697	91.2
393	4/16/2013 16:31:33	11.66	48.34	31.44	7.99	7.90	4.2	2.737	89.6
394	4/16/2013 16:46:33	11.71	48.39	31.48	8.15	7.90	4.5	2.783	91.7
395	4/16/2013 17:01:33	11.55	48.46	31.52	8.03	7.89	4.0	2.819	90.0
396	4/16/2013 17:16:33	11.53	48.48	31.53	8.02	7.89	3.8	2.841	89.8
397	4/16/2013 17:31:33	11.45	48.53	31.56	7.92	7.88	3.2	2.862	88.5
398	4/16/2013 17:46:33	11.47	48.51	31.55	7.76	7.87	2.6	2.872	86.9
399	4/16/2013 18:01:33	11.53	48.50	31.54	7.79	7.88	3.4	2.878	87.2
400	4/16/2013 18:16:33	11.93	48.39	31.48	8.20	7.91	7.7	2.860	92.6
401	4/16/2013 18:31:33	11.56	48.50	31.55	8.02	7.88	7.3	2.846	89.9
402	4/16/2013 18:46:33	11.62	48.45	31.51	8.14	7.89	9.9	2.834	91.3
403	4/16/2013 19:01:33	11.83	48.31	31.42	8.25	7.91	14.9	2.804	92.9
404	4/16/2013 19:16:33	11.93	48.30	31.42	8.57	7.94	20.4	2.762	96.7
405	4/16/2013 19:31:33	11.91	48.33	31.44	8.73	7.96	21.3	2.721	98.5
406	4/16/2013 19:46:33	11.83	48.29	31.41	8.66	7.97	17.8	2.679	97.5
407	4/16/2013 20:01:33	11.89	48.00	31.20	8.59	7.95	21.2	2.638	96.7
408	4/16/2013 20:16:33	12.00	47.86	31.10	8.62	7.97	15.6	2.602	97.3
409	4/16/2013 20:31:33	12.01	47.73	31.01	8.53	7.97	17.6	2.549	96.2
410	4/16/2013 20:46:33	11.96	47.76	31.03	8.53	7.96	17.6	2.511	96.1
411	4/16/2013 21:01:33	11.93	47.78	31.04	8.55	7.97	17.0	2.478	96.3
412	4/16/2013 21:16:33	11.89	47.79	31.05	8.56	7.98	17.8	2.441	96.3
413	4/16/2013 21:31:33	11.87	47.77	31.03	8.53	7.98	15.8	2.408	95.9
414	4/16/2013 21:46:33	12.08	47.60	30.92	8.51	7.98	17.0	2.386	96.0
415	4/16/2013 22:01:33	12.08	47.58	30.91	8.46	7.98	15.4	2.383	95.5
416	4/16/2013 22:16:33	11.95	47.67	30.97	8.38	7.97	15.2	2.358	94.4
417	4/16/2013 22:31:33	12.18	47.49	30.85	8.37	7.98	12.0	2.369	94.7
418	4/16/2013 22:46:33	12.02	47.63	30.94	8.06	7.95	10.4	2.369	90.9
419	4/16/2013 23:01:33	12.04	47.59	30.91	8.32	7.97	12.0	2.378	93.8
420	4/16/2013 23:16:33	12.05	47.58	30.91	8.39	7.97	12.0	2.389	94.6
421	4/16/2013 23:31:33	12.05	47.58	30.90	8.39	7.97	11.5	2.405	94.6
422	4/16/2013 23:46:33	12.05	47.58	30.90	8.32	7.96	10.8	2.435	93.9
423	4/17/2013 0:01:33	12.03	47.64	30.95	8.18	7.95	9.5	2.460	92.3

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	4/17/2013 0:16:33	11.98	47.69	30.98	8.19	7.95	8.7	2.491	92.3
425	4/17/2013 0:31:33	11.95	47.73	31.01	8.20	7.94	8.6	2.522	92.4
426	4/17/2013 0:46:33	12.03	47.49	30.84	8.28	7.97	11.5	2.566	93.3
427	4/17/2013 1:01:33	12.02	47.52	30.86	8.23	7.96	11.4	2.603	92.8
428	4/17/2013 1:16:33	11.76	48.15	31.30	8.12	7.91	7.2	2.644	91.3
429	4/17/2013 1:31:33	11.55	48.46	31.52	8.11	7.89	5.6	2.693	90.8
430	4/17/2013 1:46:33	11.53	48.47	31.53	8.12	7.90	7.3	2.727	91.0
431	4/17/2013 2:01:33	11.28	48.81	31.76	8.15	7.88	5.6	2.777	90.9
432	4/17/2013 2:16:33	11.23	48.86	31.79	8.14	7.88	6.2	2.818	90.8
433	4/17/2013 2:31:33	10.96	49.21	32.03	8.21	7.86	5.5	2.858	91.2
434	4/17/2013 2:46:33	10.90	49.29	32.09	8.17	7.85	4.5	2.898	90.6
435	4/17/2013 3:01:34	10.68	49.58	32.28	8.12	7.84	3.8	2.946	89.7
436	4/17/2013 3:16:34	10.55	49.69	32.35	8.15	7.84	4.0	2.989	89.9
437	4/17/2013 3:31:34	10.61	49.59	32.29	8.14	7.84	4.0	3.021	89.8
438	4/17/2013 3:46:33	10.61	49.57	32.27	8.11	7.84	3.4	3.057	89.5
439	4/17/2013 4:01:33	10.70	49.40	32.15	8.14	7.85	3.9	3.081	89.9
440	4/17/2013 4:16:33	10.86	49.07	31.92	8.05	7.87	4.3	3.101	89.1
441	4/17/2013 4:31:33	10.83	49.21	32.02	8.01	7.85	4.7	3.105	88.6
442	4/17/2013 4:46:33	10.76	49.39	32.15	7.81	7.84	3.4	3.107	86.4
443	4/17/2013 5:01:33	10.84	49.19	32.01	7.96	7.86	3.9	3.104	88.1
444	4/17/2013 5:16:33	10.78	49.32	32.10	7.95	7.85	4.3	3.066	87.9
445	4/17/2013 5:31:33	10.90	48.64	31.61	8.11	7.88	7.7	3.037	89.6
446	4/17/2013 5:46:33	11.03	48.32	31.39	8.13	7.90	6.9	3.002	90.0
447	4/17/2013 6:01:33	10.94	48.69	31.65	8.18	7.89	6.3	2.946	90.5
448	4/17/2013 6:16:33	10.93	48.47	31.49	8.22	7.90	6.4	2.889	90.9
449	4/17/2013 6:31:33	11.16	48.59	31.59	8.13	7.89	7.5	2.828	90.3
450	4/17/2013 6:46:33	11.09	48.53	31.54	8.06	7.89	8.4	2.762	89.4
451	4/17/2013 7:01:33	11.07	48.07	31.21	8.04	7.91	9.6	2.699	89.0
452	4/17/2013 7:16:33	10.97	48.13	31.25	8.00	7.90	8.2	2.618	88.4
453	4/17/2013 7:31:34	11.11	48.17	31.28	8.06	7.90	7.9	2.538	89.4
454	4/17/2013 7:46:33	11.09	48.10	31.23	8.09	7.91	8.1	2.458	89.6
455	4/17/2013 8:01:33	11.15	48.02	31.18	8.16	7.92	9.9	2.377	90.5
456	4/17/2013 8:16:33	11.20	47.96	31.14	8.19	7.93	10.1	2.288	90.9
457	4/17/2013 8:31:33	11.22	47.85	31.06	8.23	7.94	10.3	2.197	91.3
458	4/17/2013 8:46:33	11.43	47.69	30.96	8.18	7.95	12.1	2.120	91.1
459	4/17/2013 9:01:33	11.46	47.72	30.98	8.23	7.96	12.0	2.036	91.7
460	4/17/2013 9:16:33	11.52	47.65	30.93	8.29	7.97	11.7	1.954	92.5
461	4/17/2013 9:31:33	11.65	47.56	30.88	8.30	7.98	12.1	1.869	92.8
462	4/17/2013 9:46:33	11.78	47.54	30.86	8.30	7.98	11.9	1.812	93.1
463	4/17/2013 10:01:33	11.83	47.49	30.83	8.25	7.98	11.4	1.754	92.6
464	4/17/2013 10:16:33	11.85	47.48	30.82	8.22	7.98	11.2	1.700	92.2
465	4/17/2013 10:31:33	11.84	47.45	30.80	8.08	7.97	10.7	1.650	90.6
466	4/17/2013 10:46:33	11.86	47.40	30.77	7.91	7.97	9.0	1.631	88.8
467	4/17/2013 11:01:33	12.07	47.44	30.81	8.17	7.98	8.4	1.597	92.2
468	4/17/2013 11:16:33	11.80	47.52	30.85	7.56	7.95	7.6	1.585	84.8
469	4/17/2013 11:31:33	11.65	47.56	30.87	7.78	7.95	7.9	1.587	87.0
470	4/17/2013 11:46:33	11.63	47.57	30.88	7.80	7.95	8.4	1.585	87.2
471	4/17/2013 12:01:33	11.65	47.58	30.89	7.86	7.95	8.6	1.611	88.0
472	4/17/2013 12:16:33	11.66	47.57	30.88	7.90	7.95	8.1	1.629	88.4
473	4/17/2013 12:31:34	11.75	47.56	30.87	7.91	7.95	7.9	1.662	88.6
474	4/17/2013 12:46:34	11.70	47.57	30.88	7.92	7.95	7.9	1.702	88.7
475	4/17/2013 13:01:33	11.68	47.58	30.89	7.87	7.95	7.7	1.740	88.1
476	4/17/2013 13:16:34	11.69	47.60	30.90	7.93	7.95	8.0	1.799	88.7

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	4/17/2013 13:31:33	11.70	47.60	30.91	7.92	7.94	7.6	1.841	88.7
478	4/17/2013 13:46:34	11.75	47.61	30.91	7.94	7.94	7.3	1.893	89.0
479	4/17/2013 14:01:33	11.88	47.58	30.89	7.98	7.95	7.3	1.955	89.7
480	4/17/2013 14:16:33	11.98	47.54	30.88	8.02	7.96	7.3	2.018	90.3
481	4/17/2013 14:31:33	11.90	47.53	30.86	7.99	7.96	7.3	2.069	89.8
482	4/17/2013 14:46:33	11.61	47.65	30.93	7.79	7.93	6.0	2.129	87.1
483	4/17/2013 15:01:33	11.47	47.87	31.09	7.75	7.91	6.1	2.193	86.4
484	4/17/2013 15:16:33	11.39	48.07	31.23	7.78	7.90	4.9	2.257	86.7
485	4/17/2013 15:31:33	11.35	48.26	31.36	7.83	7.89	5.3	2.315	87.2
486	4/17/2013 15:46:33	11.35	48.37	31.44	7.89	7.89	5.6	2.375	88.0
487	4/17/2013 16:01:33	11.36	48.42	31.48	7.95	7.89	5.7	2.443	88.7
488	4/17/2013 16:16:33	11.34	48.52	31.55	7.99	7.89	5.4	2.501	89.1
489	4/17/2013 16:31:33	11.35	48.55	31.57	8.10	7.89	5.3	2.561	90.4
490	4/17/2013 16:46:33	11.28	48.65	31.64	8.02	7.88	4.0	2.609	89.4
491	4/17/2013 17:01:33	11.25	48.69	31.67	7.97	7.88	4.4	2.666	88.8
492	4/17/2013 17:16:33	11.24	48.78	31.73	8.04	7.88	5.2	2.714	89.6
493	4/17/2013 17:31:33	11.25	48.84	31.78	8.02	7.88	3.9	2.742	89.5
494	4/17/2013 17:46:34	11.19	48.91	31.83	7.94	7.87	3.7	2.785	88.5
495	4/17/2013 18:01:33	11.12	48.98	31.87	7.96	7.86	3.5	2.822	88.6
496	4/17/2013 18:16:33	11.28	48.89	31.82	7.97	7.87	3.5	2.849	89.0
497	4/17/2013 18:31:34	11.60	48.75	31.73	8.09	7.89	3.6	2.865	90.9
498	4/17/2013 18:46:34	11.22	49.11	31.97	7.67	7.86	3.5	2.879	85.6
499	4/17/2013 19:01:33	11.15	49.03	31.91	7.54	7.83	3.1	2.873	84.0
500	4/17/2013 19:16:33	11.18	49.02	31.90	7.86	7.86	5.4	2.864	87.6
501	4/17/2013 19:31:33	11.46	48.76	31.73	8.13	7.89	10.6	2.849	91.0
502	4/17/2013 19:46:33	11.65	48.63	31.64	8.28	7.90	16.7	2.833	93.0
503	4/17/2013 20:01:33	11.80	48.53	31.58	8.44	7.93	17.7	2.803	95.1
504	4/17/2013 20:16:33	11.90	48.48	31.55	8.57	7.95	16.1	2.772	96.8
505	4/17/2013 20:31:33	11.84	48.46	31.53	8.60	7.95	18.4	2.730	96.9
506	4/17/2013 20:46:33	11.78	48.51	31.57	8.57	7.97	14.2	2.696	96.5
507	4/17/2013 21:01:33	11.67	48.35	31.44	8.46	7.93	12.9	2.648	95.0
508	4/17/2013 21:16:33	11.70	48.23	31.36	8.43	7.93	12.3	2.611	94.7
509	4/17/2013 21:31:33	11.66	48.38	31.47	8.42	7.95	12.5	2.570	94.5
510	4/17/2013 21:46:33	11.80	48.05	31.23	8.40	7.95	14.1	2.528	94.5
511	4/17/2013 22:01:34	11.90	47.96	31.17	8.38	7.95	12.8	2.494	94.4
512	4/17/2013 22:16:33	11.82	48.06	31.24	8.34	7.95	11.7	2.474	93.8
513	4/17/2013 22:31:34	11.91	47.97	31.18	8.36	7.95	12.0	2.435	94.2
514	4/17/2013 22:46:33	11.89	47.95	31.16	8.37	7.95	11.5	2.406	94.2
515	4/17/2013 23:01:34	11.89	47.94	31.16	8.33	7.95	10.8	2.400	93.8
516	4/17/2013 23:16:34	11.91	47.91	31.14	8.29	7.95	8.3	2.393	93.3
517	4/17/2013 23:31:34	11.85	48.02	31.21	8.11	7.93	8.2	2.376	91.2
518	4/17/2013 23:46:34	11.83	47.98	31.19	7.83	7.92	7.0	2.377	88.1
519	4/18/2013 0:01:33	11.79	47.97	31.18	8.05	7.94	7.3	2.392	90.4
520	4/18/2013 0:16:34	11.85	47.95	31.16	8.23	7.94	7.8	2.405	92.6
521	4/18/2013 0:31:34	11.89	47.92	31.14	8.31	7.95	8.3	2.421	93.5
522	4/18/2013 0:46:33	11.81	48.08	31.25	8.10	7.93	6.5	2.436	91.1
523	4/18/2013 1:01:34	11.75	48.17	31.32	8.14	7.92	6.9	2.468	91.4
524	4/18/2013 1:16:33	11.76	48.08	31.25	8.20	7.93	7.2	2.492	92.1
525	4/18/2013 1:31:33	11.75	47.90	31.13	8.25	7.94	8.3	2.520	92.6
526	4/18/2013 1:46:33	11.72	48.03	31.22	8.11	7.92	7.4	2.549	91.0
527	4/18/2013 2:01:33	11.71	48.09	31.26	8.06	7.92	6.8	2.580	90.5
528	4/18/2013 2:16:33	11.69	48.17	31.32	8.03	7.91	7.1	2.621	90.1
529	4/18/2013 2:31:33	11.65	48.28	31.40	8.00	7.91	7.0	2.656	89.8

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
530	4/18/2013 2:46:33	11.42	48.67	31.66	7.88	7.88	5.8	2.690	88.1
531	4/18/2013 3:01:33	11.30	48.84	31.78	7.97	7.87	6.2	2.732	89.0
532	4/18/2013 3:16:33	11.22	48.93	31.84	7.93	7.87	6.4	2.773	88.4
533	4/18/2013 3:31:33	11.17	49.02	31.90	8.01	7.86	6.1	2.808	89.3
534	4/18/2013 3:46:33	11.08	49.13	31.98	8.01	7.86	5.1	2.847	89.2
535	4/18/2013 4:01:33	11.00	49.28	32.08	8.01	7.85	4.9	2.889	89.0
536	4/18/2013 4:16:33	10.73	49.67	32.35	8.01	7.83	4.1	2.924	88.6
537	4/18/2013 4:31:33	10.63	49.82	32.45	7.91	7.82	4.0	2.961	87.4
538	4/18/2013 4:46:33	10.68	49.75	32.40	7.90	7.82	3.1	2.993	87.4
539	4/18/2013 5:01:33	10.66	49.76	32.41	7.89	7.82	3.2	3.021	87.2
540	4/18/2013 5:16:33	10.64	49.75	32.40	7.90	7.83	3.2	3.038	87.3
541	4/18/2013 5:31:33	11.08	49.11	31.96	7.85	7.85	5.6	3.051	87.3
542	4/18/2013 5:46:33	11.05	49.18	32.01	7.67	7.84	4.0	3.060	85.3
543	4/18/2013 6:01:33	10.84	49.56	32.28	7.65	7.82	3.3	3.054	84.8
544	4/18/2013 6:16:33	10.95	49.31	32.10	7.82	7.84	4.0	3.032	86.8
545	4/18/2013 6:31:33	10.78	49.49	32.22	7.63	7.82	4.0	2.998	84.5
546	4/18/2013 6:46:33	10.74	49.36	32.13	7.87	7.83	6.2	2.969	87.0
547	4/18/2013 7:01:34	10.90	49.16	31.99	7.93	7.85	5.1	2.926	87.9
548	4/18/2013 7:16:34	11.03	48.81	31.74	7.88	7.86	5.6	2.855	87.4
549	4/18/2013 7:31:34	11.09	48.96	31.86	7.93	7.86	7.0	2.803	88.2
550	4/18/2013 7:46:33	11.16	48.60	31.60	7.89	7.87	6.8	2.749	87.7
551	4/18/2013 8:01:33	11.17	48.37	31.44	7.98	7.89	7.8	2.667	88.7
552	4/18/2013 8:16:33	11.16	48.41	31.46	8.09	7.90	7.1	2.603	89.9
553	4/18/2013 8:31:33	11.13	48.48	31.51	8.23	7.90	7.0	2.513	91.4
554	4/18/2013 8:46:33	11.34	48.39	31.46	8.22	7.90	6.7	2.455	91.7
555	4/18/2013 9:01:33	11.43	48.35	31.43	8.32	7.92	7.3	2.378	92.9
556	4/18/2013 9:16:33	11.51	48.25	31.37	8.45	7.93	7.8	2.287	94.5
557	4/18/2013 9:31:33	11.71	48.10	31.27	8.32	7.93	8.1	2.222	93.4
558	4/18/2013 9:46:33	11.82	48.06	31.24	8.34	7.94	8.2	2.148	93.9
559	4/18/2013 10:01:33	11.93	47.99	31.20	8.41	7.95	9.0	2.066	94.8
560	4/18/2013 10:16:33	12.05	47.91	31.14	8.58	7.97	9.2	1.991	96.9
561	4/18/2013 10:31:33	12.20	47.90	31.14	8.63	7.98	8.6	1.924	97.8
562	4/18/2013 10:46:33	12.34	47.89	31.14	8.64	7.99	8.3	1.866	98.2
563	4/18/2013 11:01:33	12.39	47.78	31.07	8.64	7.99	8.7	1.802	98.3
564	4/18/2013 11:16:33	12.26	47.78	31.06	8.34	7.97	8.1	1.755	94.5
565	4/18/2013 11:31:33	12.28	47.77	31.05	8.26	7.97	7.2	1.721	93.7
566	4/18/2013 11:46:33	12.27	47.76	31.05	7.97	7.97	5.7	1.690	90.4
567	4/18/2013 12:01:33	12.29	47.75	31.04	7.68	7.96	6.1	1.667	87.1
568	4/18/2013 12:16:33	12.42	47.82	31.10	8.24	7.97	6.2	1.659	93.8
569	4/18/2013 12:31:33	12.09	47.83	31.09	8.04	7.96	5.3	1.667	90.8
570	4/18/2013 12:46:33	12.02	47.85	31.10	7.93	7.95	5.1	1.669	89.5
571	4/18/2013 13:01:33	12.00	47.88	31.12	8.02	7.95	5.1	1.691	90.6
572	4/18/2013 13:16:33	12.03	47.91	31.14	8.14	7.95	5.7	1.712	91.9
573	4/18/2013 13:31:33	12.07	47.88	31.12	8.20	7.95	6.1	1.735	92.7
574	4/18/2013 13:46:33	12.01	47.90	31.14	8.08	7.95	6.1	1.773	91.2
575	4/18/2013 14:01:33	11.97	47.93	31.16	7.99	7.94	6.0	1.813	90.1
576	4/18/2013 14:16:33	11.96	47.95	31.17	7.99	7.93	5.5	1.864	90.1
577	4/18/2013 14:31:33	12.34	47.89	31.14	8.22	7.95	5.6	1.909	93.4
578	4/18/2013 14:46:33	12.27	47.89	31.14	8.07	7.94	5.0	1.963	91.6
579	4/18/2013 15:01:33	12.13	47.92	31.16	8.02	7.94	5.7	2.018	90.7
580	4/18/2013 15:16:33	12.07	47.95	31.17	8.02	7.93	5.0	2.087	90.6
581	4/18/2013 15:31:33	11.85	48.01	31.21	7.93	7.92	5.1	2.146	89.2
582	4/18/2013 15:46:33	11.73	48.10	31.26	7.79	7.90	5.3	2.213	87.5

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
583	4/18/2013 16:01:33	11.68	48.23	31.35	7.74	7.90	5.0	2.286	86.9
584	4/18/2013 16:16:33	11.74	48.27	31.39	7.94	7.90	5.6	2.351	89.2
585	4/18/2013 16:31:33	11.64	48.43	31.50	8.04	7.90	5.4	2.408	90.3
586	4/18/2013 16:46:33	11.56	48.65	31.66	7.98	7.89	4.9	2.474	89.5
587	4/18/2013 17:01:33	11.53	48.77	31.74	8.05	7.88	5.0	2.540	90.2
588	4/18/2013 17:16:33	11.64	48.83	31.79	8.16	7.88	9.0	2.599	91.7
589	4/18/2013 17:31:33	11.59	48.87	31.82	8.09	7.88	4.8	2.660	90.8
590	4/18/2013 17:46:33	11.59	48.94	31.87	8.13	7.88	4.7	2.707	91.3
591	4/18/2013 18:01:33	11.40	49.13	31.99	8.11	7.87	4.1	2.758	90.8
592	4/18/2013 18:16:33	11.15	49.31	32.11	7.97	7.84	3.7	2.802	88.9
593	4/18/2013 18:31:33	11.10	49.44	32.20	7.88	7.84	3.4	2.845	87.8
594	4/18/2013 18:46:33	11.09	49.43	32.19	7.85	7.83	3.6	2.873	87.4
595	4/18/2013 19:01:33	10.98	49.51	32.25	7.80	7.83	3.0	2.906	86.7
596	4/18/2013 19:16:33	11.01	49.52	32.26	7.82	7.83	3.0	2.934	87.1
597	4/18/2013 19:31:34	10.94	49.56	32.28	7.59	7.81	2.6	2.951	84.3
598	4/18/2013 19:46:33	11.03	49.62	32.33	7.66	7.83	2.5	2.960	85.3
599	4/18/2013 20:01:33	10.90	49.58	32.29	7.81	7.82	3.2	2.960	86.8
600	4/18/2013 20:16:33	10.99	49.46	32.21	7.65	7.82	3.7	2.957	85.0
601	4/18/2013 20:31:33	11.00	49.45	32.21	7.58	7.82	4.1	2.945	84.3
602	4/18/2013 20:46:34	10.91	49.52	32.25	7.72	7.82	5.2	2.907	85.8
603	4/18/2013 21:01:33	11.21	49.30	32.10	7.80	7.84	5.6	2.886	87.1
604	4/18/2013 21:16:33	11.70	48.97	31.89	8.12	7.91	7.7	2.845	91.5
605	4/18/2013 21:31:33	11.50	49.04	31.93	8.08	7.89	7.8	2.799	90.7
606	4/18/2013 21:46:33	11.68	48.87	31.82	8.30	7.90	10.1	2.737	93.5
607	4/18/2013 22:01:33	11.68	48.84	31.80	8.31	7.90	8.6	2.691	93.6
608	4/18/2013 22:16:33	11.80	48.67	31.68	8.36	7.92	8.2	2.646	94.2
609	4/18/2013 22:31:33	11.90	48.56	31.60	8.34	7.92	8.0	2.596	94.2
610	4/18/2013 22:46:33	11.88	48.47	31.54	8.34	7.92	8.1	2.547	94.1
611	4/18/2013 23:01:34	11.88	48.45	31.53	8.33	7.92	8.6	2.509	94.0
612	4/18/2013 23:16:33	11.73	48.55	31.59	8.20	7.91	7.4	2.449	92.2
613	4/18/2013 23:31:34	11.87	48.41	31.50	8.28	7.93	7.2	2.427	93.4
614	4/18/2013 23:46:33	11.88	48.40	31.49	8.22	7.92	7.6	2.382	92.7
615	4/19/2013 0:01:33	11.92	48.35	31.45	8.29	7.93	7.6	2.350	93.6
616	4/19/2013 0:16:33	12.03	48.25	31.39	8.22	7.94	7.0	2.349	92.9
617	4/19/2013 0:31:33	12.01	48.27	31.40	7.93	7.93	5.6	2.298	89.7
618	4/19/2013 0:46:33	12.01	48.28	31.41	7.88	7.92	5.2	2.300	89.1
619	4/19/2013 1:01:33	11.93	48.33	31.44	8.05	7.92	5.7	2.318	90.9
620	4/19/2013 1:16:33	11.90	48.39	31.48	8.08	7.92	5.7	2.312	91.2
621	4/19/2013 1:31:33	12.05	48.20	31.35	8.23	7.94	5.6	2.323	93.1
622	4/19/2013 1:46:33	12.11	48.12	31.30	8.25	7.95	5.3	2.348	93.4
623	4/19/2013 2:01:33	12.01	48.21	31.36	8.15	7.93	5.5	2.367	92.1
624	4/19/2013 2:16:33	11.88	48.40	31.49	8.01	7.91	4.7	2.395	90.3
625	4/19/2013 2:31:33	11.87	48.40	31.49	7.91	7.90	4.5	2.425	89.2
626	4/19/2013 2:46:33	11.97	48.16	31.32	8.18	7.93	5.9	2.448	92.3
627	4/19/2013 3:01:33	11.93	48.26	31.39	8.08	7.91	5.9	2.500	91.2
628	4/19/2013 3:16:33	11.95	48.27	31.40	7.99	7.91	4.8	2.536	90.2
629	4/19/2013 3:31:33	11.93	48.34	31.45	7.97	7.91	4.9	2.563	90.0
630	4/19/2013 3:46:33	11.70	48.67	31.67	7.90	7.88	4.5	2.620	88.9
631	4/19/2013 4:01:34	11.60	48.83	31.79	7.83	7.87	4.9	2.647	88.0
632	4/19/2013 4:16:33	11.51	48.96	31.87	7.89	7.86	5.0	2.689	88.5
633	4/19/2013 4:31:33	11.57	48.87	31.82	7.95	7.88	5.1	2.740	89.3
634	4/19/2013 4:46:33	11.51	48.94	31.86	7.88	7.87	4.3	2.771	88.4
635	4/19/2013 5:01:33	11.35	49.16	32.02	7.83	7.86	4.1	2.807	87.7

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	4/19/2013 5:16:33	11.20	49.36	32.15	7.81	7.84	4.0	2.864	87.2
637	4/19/2013 5:31:34	11.16	49.41	32.18	7.79	7.84	3.9	2.887	86.9
638	4/19/2013 5:46:33	11.06	49.53	32.27	7.74	7.83	2.9	2.920	86.2
639	4/19/2013 6:01:33	10.94	49.71	32.39	7.65	7.82	3.1	2.953	85.1
640	4/19/2013 6:16:34	10.85	49.83	32.47	7.49	7.81	2.5	2.970	83.2
641	4/19/2013 6:31:33	10.82	49.88	32.51	7.34	7.79	2.5	2.994	81.4
642	4/19/2013 6:46:34	10.93	49.76	32.42	7.69	7.81	3.6	2.980	85.6
643	4/19/2013 7:01:33	10.88	49.82	32.47	7.59	7.81	3.2	2.972	84.3
644	4/19/2013 7:16:33	10.94	49.76	32.43	7.58	7.81	3.6	2.984	84.3
645	4/19/2013 7:31:33	11.05	49.57	32.29	7.48	7.82	3.1	2.958	83.3
646	4/19/2013 7:46:33	10.91	49.79	32.45	7.59	7.80	5.3	2.901	84.4
647	4/19/2013 8:01:34	10.97	49.68	32.37	7.56	7.81	4.8	2.892	84.1
648	4/19/2013 8:16:33	11.24	49.24	32.06	7.65	7.84	4.3	2.848	85.5
649	4/19/2013 8:31:33	11.45	48.95	31.86	7.86	7.86	4.7	2.784	88.1
650	4/19/2013 8:46:33	11.47	49.00	31.90	8.15	7.88	4.3	2.729	91.4
651	4/19/2013 9:01:33	11.62	48.88	31.82	8.38	7.90	4.8	2.664	94.2
652	4/19/2013 9:16:33	11.73	48.82	31.79	8.48	7.91	5.1	2.597	95.6
653	4/19/2013 9:31:33	11.87	48.73	31.73	8.56	7.92	5.1	2.537	96.7
654	4/19/2013 9:46:33	11.97	48.78	31.77	8.81	7.94	4.8	2.441	99.7
655	4/19/2013 10:01:33	12.13	48.65	31.68	8.75	7.94	5.5	2.374	99.4
656	4/19/2013 10:16:33	12.37	48.50	31.58	8.65	7.96	5.5	2.314	98.6
657	4/19/2013 10:31:33	12.62	48.45	31.56	8.83	7.98	5.7	2.214	101.2
658	4/19/2013 10:46:33	12.91	48.42	31.55	9.11	8.00	5.6	2.151	105.0
659	4/19/2013 11:01:33	12.97	48.19	31.38	8.67	8.01	6.2	2.084	100.0
660	4/19/2013 11:16:33	13.20	48.22	31.41	9.05	8.02	6.1	1.996	104.9
661	4/19/2013 11:31:33	13.19	48.12	31.34	9.02	8.03	5.9	1.940	104.4
662	4/19/2013 11:46:33	12.82	48.06	31.28	8.32	8.00	5.1	1.878	95.6
663	4/19/2013 12:01:33	12.83	48.06	31.29	8.29	8.00	5.3	1.808	95.3
664	4/19/2013 12:16:33	12.89	48.02	31.26	8.32	8.01	4.7	1.781	95.7
665	4/19/2013 12:31:33	12.93	48.04	31.27	8.00	8.00	4.0	1.729	92.1
666	4/19/2013 12:46:33	13.02	47.97	31.23	8.19	8.00	4.0	1.694	94.4
667	4/19/2013 13:01:33	13.29	47.82	31.13	8.05	8.02	4.0	1.695	93.4
668	4/19/2013 13:16:33	13.18	48.06	31.30	8.47	8.02	3.8	1.670	98.1
669	4/19/2013 13:31:33	13.37	48.09	31.33	8.58	8.02	4.3	1.669	99.8
670	4/19/2013 13:46:33	13.53	48.07	31.32	8.79	8.02	4.2	1.699	102.5
671	4/19/2013 14:01:33	13.70	48.02	31.28	8.88	8.04	4.5	1.715	103.9
672	4/19/2013 14:16:33	13.46	48.09	31.33	8.61	8.01	3.9	1.717	100.3
673	4/19/2013 14:31:33	12.83	48.16	31.36	8.37	7.98	3.9	1.768	96.3
674	4/19/2013 14:46:33	12.72	48.19	31.37	8.32	7.98	4.6	1.790	95.4
675	4/19/2013 15:01:33	13.06	48.19	31.39	8.53	8.00	4.4	1.839	98.5
676	4/19/2013 15:16:33	13.04	48.12	31.34	8.50	8.00	4.4	1.879	98.2
677	4/19/2013 15:31:33	12.85	48.15	31.35	8.38	7.98	3.7	1.922	96.3
678	4/19/2013 15:46:33	12.81	48.17	31.37	8.29	7.97	3.6	1.992	95.3
679	4/19/2013 16:01:33	12.82	48.18	31.37	8.32	7.97	5.1	2.051	95.6
680	4/19/2013 16:16:33	12.64	48.20	31.38	8.20	7.95	4.3	2.116	94.0
681	4/19/2013 16:31:33	12.41	48.24	31.40	7.97	7.93	4.2	2.178	90.9
682	4/19/2013 16:46:33	12.27	48.43	31.53	8.01	7.92	5.7	2.271	91.1
683	4/19/2013 17:01:33	12.42	48.39	31.50	8.28	7.94	4.9	2.332	94.4
684	4/19/2013 17:16:33	12.27	48.55	31.62	8.23	7.93	4.3	2.396	93.7
685	4/19/2013 17:31:33	12.10	48.81	31.80	8.11	7.90	4.5	2.471	92.1
686	4/19/2013 17:46:33	12.01	48.87	31.83	8.11	7.90	4.7	2.538	91.9
687	4/19/2013 18:01:33	11.89	49.03	31.94	8.02	7.88	3.9	2.607	90.7
688	4/19/2013 18:16:33	11.98	49.00	31.93	8.12	7.89	4.3	2.668	92.1

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
689	4/19/2013 18:31:33	11.87	49.08	31.98	8.09	7.89	3.5	2.723	91.5
690	4/19/2013 18:46:33	11.61	49.33	32.15	7.96	7.86	3.4	2.786	89.6
691	4/19/2013 19:01:33	11.15	49.62	32.34	7.69	7.82	3.3	2.836	85.9
692	4/19/2013 19:16:33	11.16	49.65	32.36	7.70	7.83	2.9	2.882	86.0
693	4/19/2013 19:31:33	11.16	49.67	32.37	7.76	7.83	2.9	2.938	86.7
694	4/19/2013 19:46:33	11.13	49.70	32.40	7.72	7.83	2.8	2.966	86.2
695	4/19/2013 20:01:33	11.15	49.72	32.41	7.66	7.82	2.5	3.002	85.6
696	4/19/2013 20:16:33	11.16	49.74	32.42	7.57	7.82	2.8	3.033	84.6
697	4/19/2013 20:31:34	11.17	49.77	32.45	7.59	7.81	2.5	3.053	84.9
698	4/19/2013 20:46:34	11.19	49.72	32.41	7.67	7.82	2.9	3.063	85.8
699	4/19/2013 21:01:33	11.17	49.78	32.45	7.64	7.81	2.8	3.056	85.5
700	4/19/2013 21:16:33	11.17	49.77	32.45	7.65	7.81	3.9	3.048	85.6
701	4/19/2013 21:31:33	11.15	49.76	32.43	7.67	7.82	3.8	3.016	85.7
702	4/19/2013 21:46:33	11.22	49.67	32.38	7.71	7.83	3.4	2.968	86.2
703	4/19/2013 22:01:33	11.44	49.47	32.25	7.90	7.85	5.3	2.929	88.7
704	4/19/2013 22:16:33	11.44	49.47	32.25	7.91	7.85	5.7	2.879	88.9
705	4/19/2013 22:31:33	11.44	49.46	32.24	7.98	7.85	6.4	2.815	89.6
706	4/19/2013 22:46:33	11.42	49.49	32.25	8.00	7.85	6.2	2.752	89.8
707	4/19/2013 23:01:33	11.41	49.48	32.25	8.00	7.85	7.3	2.687	89.8
708	4/19/2013 23:16:33	11.52	49.41	32.20	8.13	7.86	7.2	2.624	91.4
709	4/19/2013 23:31:33	11.78	49.20	32.07	8.19	7.89	7.8	2.568	92.6
710	4/19/2013 23:46:34	11.69	49.19	32.05	8.18	7.88	7.6	2.504	92.3
711	4/20/2013 0:01:33	12.15	48.64	31.68	8.22	7.92	7.7	2.444	93.4
712	4/20/2013 0:16:33	12.23	48.51	31.58	8.26	7.93	7.5	2.393	93.9
713	4/20/2013 0:31:33	12.25	48.47	31.55	8.23	7.93	7.2	2.349	93.6
714	4/20/2013 0:46:33	12.25	48.48	31.56	8.22	7.93	7.3	2.299	93.5
715	4/20/2013 1:01:33	12.33	48.44	31.54	8.25	7.94	7.5	2.266	94.0
716	4/20/2013 1:16:33	12.33	48.45	31.55	8.18	7.94	7.1	2.238	93.2
717	4/20/2013 1:31:33	12.46	48.34	31.47	8.17	7.95	6.5	2.223	93.3
718	4/20/2013 1:46:33	12.44	48.35	31.48	7.95	7.94	5.4	2.192	90.8
719	4/20/2013 2:01:33	12.46	48.42	31.53	7.81	7.94	4.9	2.194	89.2
720	4/20/2013 2:16:33	12.32	48.40	31.51	8.02	7.93	5.4	2.196	91.3
721	4/20/2013 2:31:33	12.39	48.40	31.51	8.14	7.94	5.0	2.212	92.8
722	4/20/2013 2:46:33	12.70	48.21	31.39	8.23	7.98	5.3	2.220	94.3
723	4/20/2013 3:01:33	12.69	48.18	31.37	8.25	7.98	5.0	2.246	94.6
724	4/20/2013 3:16:33	12.28	48.51	31.59	8.04	7.92	4.3	2.281	91.5
725	4/20/2013 3:31:33	12.23	48.58	31.64	8.04	7.92	4.1	2.306	91.4
726	4/20/2013 3:46:33	12.40	48.37	31.49	8.18	7.94	5.0	2.347	93.3
727	4/20/2013 4:01:33	12.28	48.51	31.59	7.99	7.92	4.9	2.391	90.9
728	4/20/2013 4:16:33	12.26	48.47	31.56	8.02	7.92	4.5	2.439	91.3
729	4/20/2013 4:31:33	12.20	48.51	31.59	8.00	7.91	4.9	2.482	90.9
730	4/20/2013 4:46:33	12.26	48.43	31.53	8.12	7.93	5.1	2.530	92.4
731	4/20/2013 5:01:33	12.23	48.54	31.61	8.01	7.92	5.4	2.582	91.1
732	4/20/2013 5:16:33	12.22	48.60	31.65	7.96	7.92	4.5	2.632	90.5
733	4/20/2013 5:31:33	12.08	48.75	31.75	8.00	7.90	4.6	2.680	90.8
734	4/20/2013 5:46:33	12.01	48.84	31.81	7.98	7.90	4.0	2.727	90.5
735	4/20/2013 6:01:33	11.92	48.94	31.88	7.97	7.89	4.3	2.767	90.2
736	4/20/2013 6:16:33	11.81	49.05	31.95	7.86	7.88	3.9	2.819	88.8
737	4/20/2013 6:31:33	11.59	49.30	32.13	7.81	7.86	3.7	2.853	87.9
738	4/20/2013 6:46:34	11.50	49.40	32.20	7.75	7.85	3.4	2.889	87.1
739	4/20/2013 7:01:34	11.43	49.44	32.22	7.76	7.85	3.9	2.930	87.2
740	4/20/2013 7:16:34	11.33	49.56	32.30	7.71	7.84	2.9	2.952	86.5
741	4/20/2013 7:31:33	11.29	49.62	32.34	7.65	7.83	3.0	2.985	85.7

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
742	4/20/2013 7:46:33	11.24	49.68	32.38	7.64	7.82	2.4	3.000	85.5
743	4/20/2013 8:01:33	11.19	49.77	32.45	7.32	7.80	2.3	3.014	81.9
744	4/20/2013 8:16:34	11.08	49.93	32.55	7.53	7.81	3.3	3.026	84.1
745	4/20/2013 8:31:34	11.09	49.92	32.55	7.50	7.80	3.7	3.006	83.8
746	4/20/2013 8:46:33	11.18	49.82	32.48	7.56	7.81	3.7	2.979	84.5
747	4/20/2013 9:01:33	11.36	49.62	32.35	7.61	7.83	3.7	2.953	85.4
748	4/20/2013 9:16:33	11.35	49.62	32.35	7.59	7.82	3.7	2.900	85.1
749	4/20/2013 9:31:33	11.61	49.29	32.12	8.04	7.88	4.4	2.848	90.5
750	4/20/2013 9:46:33	11.66	49.20	32.06	8.47	7.91	4.1	2.789	95.5
751	4/20/2013 10:01:33	11.69	49.19	32.05	8.66	7.92	4.2	2.723	97.7
752	4/20/2013 10:16:34	11.82	49.11	32.00	8.86	7.93	5.0	2.646	100.1
753	4/20/2013 10:31:33	11.83	49.17	32.05	9.03	7.96	5.0	2.572	102.2
754	4/20/2013 10:46:33	11.98	49.13	32.02	9.01	7.96	6.2	2.493	102.3
755	4/20/2013 11:01:33	12.17	48.88	31.85	8.71	7.94	6.0	2.421	99.1
756	4/20/2013 11:16:33	12.38	48.82	31.81	9.00	7.97	6.7	2.335	102.8
757	4/20/2013 11:31:33	12.65	48.98	31.95	9.52	8.02	5.9	2.250	109.4
758	4/20/2013 11:46:33	12.85	48.70	31.75	9.11	8.02	6.5	2.181	105.1
759	4/20/2013 12:01:33	13.09	48.59	31.68	9.16	8.04	7.6	2.106	106.1
760	4/20/2013 12:16:33	13.22	48.56	31.66	9.16	8.05	6.7	2.030	106.4
761	4/20/2013 12:31:33	13.22	48.49	31.61	9.04	8.04	6.8	1.959	104.9
762	4/20/2013 12:46:33	13.30	48.43	31.57	8.99	8.06	6.2	1.889	104.5
763	4/20/2013 13:01:33	13.32	48.34	31.51	8.92	8.06	6.5	1.819	103.7
764	4/20/2013 13:16:33	13.32	48.31	31.48	8.88	8.06	5.5	1.788	103.3
765	4/20/2013 13:31:33	13.35	48.27	31.46	8.81	8.06	5.3	1.748	102.5
766	4/20/2013 13:46:33	13.40	48.28	31.47	8.66	8.06	4.6	1.720	100.8
767	4/20/2013 14:01:33	13.41	48.28	31.47	8.53	8.05	4.4	1.696	99.3
768	4/20/2013 14:16:33	13.48	48.29	31.48	8.39	8.05	3.8	1.699	97.9
769	4/20/2013 14:31:33	13.52	48.31	31.49	8.83	8.07	4.6	1.707	103.0
770	4/20/2013 14:46:33	13.57	48.28	31.47	8.97	8.07	4.8	1.718	104.8
771	4/20/2013 15:01:33	13.65	48.25	31.45	8.94	8.08	5.3	1.737	104.6
772	4/20/2013 15:16:33	13.56	48.29	31.47	8.80	8.07	4.3	1.768	102.8
773	4/20/2013 15:31:33	13.62	48.31	31.49	9.03	8.07	4.3	1.810	105.7
774	4/20/2013 15:46:33	13.60	48.17	31.39	8.93	8.09	4.4	1.851	104.3
775	4/20/2013 16:01:33	13.61	48.16	31.39	8.90	8.09	5.9	1.911	104.1
776	4/20/2013 16:16:33	13.54	48.25	31.45	8.94	8.07	4.7	1.969	104.3
777	4/20/2013 16:31:33	13.54	48.22	31.43	8.91	8.07	5.0	2.031	104.0
778	4/20/2013 16:46:33	13.40	48.26	31.45	8.94	8.06	4.7	2.098	104.0
779	4/20/2013 17:01:33	13.49	48.23	31.43	8.90	8.06	5.1	2.167	103.8
780	4/20/2013 17:16:33	13.37	48.23	31.43	8.81	8.05	4.6	2.236	102.5
781	4/20/2013 17:31:33	13.38	48.06	31.31	8.72	8.05	5.3	2.306	101.4
782	4/20/2013 17:46:33	13.07	48.34	31.50	8.52	8.01	4.4	2.380	98.6
783	4/20/2013 18:01:33	12.93	48.57	31.66	8.58	7.99	4.5	2.456	99.1
784	4/20/2013 18:16:33	12.95	48.53	31.63	8.73	8.00	4.7	2.533	100.8
785	4/20/2013 18:31:33	12.55	48.85	31.84	8.36	7.94	3.7	2.601	95.9
786	4/20/2013 18:46:33	12.45	48.89	31.87	8.38	7.94	4.0	2.669	95.9
787	4/20/2013 19:01:33	12.17	49.08	31.99	8.20	7.92	3.9	2.738	93.4
788	4/20/2013 19:16:33	11.71	49.44	32.24	7.91	7.86	3.1	2.802	89.3
789	4/20/2013 19:31:33	11.59	49.54	32.30	7.78	7.85	4.3	2.862	87.7
790	4/20/2013 19:46:34	11.53	49.61	32.35	7.77	7.84	3.2	2.930	87.5
791	4/20/2013 20:01:33	11.50	49.66	32.39	7.78	7.84	3.6	2.986	87.5
792	4/20/2013 20:16:33	11.42	49.78	32.47	7.78	7.83	3.2	3.044	87.5
793	4/20/2013 20:31:34	11.40	49.81	32.49	7.75	7.83	3.2	3.081	87.0
794	4/20/2013 20:46:33	11.36	49.83	32.50	7.73	7.83	2.9	3.134	86.8

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	4/20/2013 21:01:33	11.29	49.90	32.55	7.68	7.82	2.7	3.173	86.1
796	4/20/2013 21:16:33	11.26	49.92	32.56	7.63	7.82	2.3	3.184	85.6
797	4/20/2013 21:31:33	11.41	49.79	32.48	7.76	7.83	3.4	3.202	87.2
798	4/20/2013 21:46:34	11.38	49.83	32.50	7.65	7.82	3.1	3.195	85.9
799	4/20/2013 22:01:33	11.29	49.89	32.54	7.69	7.82	3.6	3.171	86.3
800	4/20/2013 22:16:33	11.34	49.85	32.52	7.69	7.82	3.9	3.121	86.3
801	4/20/2013 22:31:33	11.42	49.77	32.46	7.73	7.83	4.8	3.066	86.9
802	4/20/2013 22:46:33	11.59	49.53	32.30	7.84	7.85	5.1	3.005	88.3
803	4/20/2013 23:01:34	11.50	49.66	32.39	7.86	7.84	5.2	2.928	88.5
804	4/20/2013 23:16:34	11.47	49.67	32.39	7.85	7.84	4.9	2.859	88.3
805	4/20/2013 23:31:34	11.56	49.58	32.33	7.91	7.85	5.6	2.783	89.1
806	4/20/2013 23:46:33	11.74	49.39	32.20	7.96	7.87	6.8	2.709	90.0
807	4/21/2013 0:01:34	11.73	49.35	32.17	7.99	7.87	6.8	2.630	90.2
808	4/21/2013 0:16:34	11.73	49.38	32.19	8.00	7.87	7.0	2.564	90.3
809	4/21/2013 0:31:34	11.97	49.19	32.06	8.26	7.92	7.8	2.491	93.7
810	4/21/2013 0:46:33	12.38	48.82	31.82	8.24	7.96	7.7	2.413	94.2
811	4/21/2013 1:01:33	12.60	48.65	31.70	8.29	7.99	8.8	2.349	95.1
812	4/21/2013 1:16:33	12.73	48.57	31.65	8.29	8.00	9.0	2.272	95.3
813	4/21/2013 1:31:33	12.84	48.50	31.60	8.34	8.02	9.6	2.216	96.1
814	4/21/2013 1:46:33	12.86	48.50	31.61	8.33	8.03	10.6	2.149	96.0
815	4/21/2013 2:01:33	13.03	48.39	31.53	8.31	8.05	11.1	2.100	96.1
816	4/21/2013 2:16:33	13.12	48.35	31.50	8.31	8.06	11.1	2.057	96.2
817	4/21/2013 2:31:33	13.14	48.35	31.50	8.23	8.06	11.0	2.022	95.4
818	4/21/2013 2:46:33	13.21	48.31	31.48	8.22	8.07	10.6	2.012	95.4
819	4/21/2013 3:01:33	13.21	48.29	31.46	7.84	8.06	9.0	1.999	90.9
820	4/21/2013 3:16:33	13.09	48.34	31.49	8.17	8.06	9.7	2.008	94.5
821	4/21/2013 3:31:33	13.03	48.36	31.51	8.12	8.05	8.7	2.022	93.9
822	4/21/2013 3:46:33	13.03	48.36	31.51	8.16	8.05	8.8	2.049	94.3
823	4/21/2013 4:01:33	13.00	48.38	31.52	8.14	8.03	8.6	2.093	94.0
824	4/21/2013 4:16:33	13.00	48.37	31.52	8.13	8.04	8.1	2.131	93.9
825	4/21/2013 4:31:33	12.91	48.39	31.53	8.08	8.02	8.6	2.185	93.1
826	4/21/2013 4:46:33	12.90	48.34	31.49	8.13	8.03	7.6	2.239	93.7
827	4/21/2013 5:01:33	12.83	48.40	31.53	8.09	8.01	6.8	2.291	93.1
828	4/21/2013 5:16:33	12.75	48.44	31.56	8.07	7.99	6.5	2.347	92.8
829	4/21/2013 5:31:33	12.55	48.58	31.65	8.02	7.96	6.5	2.402	91.9
830	4/21/2013 5:46:33	12.48	48.65	31.69	7.99	7.95	5.7	2.461	91.4
831	4/21/2013 6:01:33	12.35	48.79	31.79	7.95	7.94	5.3	2.513	90.7
832	4/21/2013 6:16:33	12.04	49.13	32.03	7.78	7.89	5.9	2.569	88.4
833	4/21/2013 6:31:33	11.88	49.28	32.13	7.79	7.87	5.1	2.628	88.2
834	4/21/2013 6:46:33	11.79	49.38	32.19	7.77	7.86	4.5	2.683	87.8
835	4/21/2013 7:01:34	11.74	49.44	32.24	7.75	7.86	4.2	2.736	87.6
836	4/21/2013 7:16:34	11.68	49.51	32.28	7.77	7.85	4.3	2.793	87.7
837	4/21/2013 7:31:33	11.62	49.55	32.31	7.76	7.85	3.7	2.848	87.5
838	4/21/2013 7:46:33	11.52	49.66	32.39	7.67	7.84	3.8	2.894	86.4
839	4/21/2013 8:01:33	11.42	49.74	32.44	7.63	7.83	3.9	2.938	85.7
840	4/21/2013 8:16:34	11.35	49.82	32.49	7.61	7.82	3.3	2.982	85.4
841	4/21/2013 8:31:33	11.28	49.89	32.54	7.57	7.82	3.2	3.025	84.8
842	4/21/2013 8:46:33	11.23	49.94	32.57	7.52	7.82	2.9	3.045	84.3
843	4/21/2013 9:01:33	11.21	49.97	32.60	7.43	7.81	2.5	3.077	83.2
844	4/21/2013 9:16:33	11.18	50.00	32.61	7.35	7.81	2.5	3.087	82.2
845	4/21/2013 9:31:33	11.29	49.91	32.55	7.55	7.82	3.7	3.070	84.6
846	4/21/2013 9:46:33	11.21	49.97	32.59	7.48	7.81	4.7	3.052	83.8
847	4/21/2013 10:01:33	11.23	49.94	32.57	7.51	7.81	4.2	3.016	84.1

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
848	4/21/2013 10:16:33	11.34	49.85	32.51	7.57	7.82	4.8	2.977	85.0
849	4/21/2013 10:31:33	11.79	49.47	32.26	7.91	7.87	5.3	2.911	89.5
850	4/21/2013 10:46:34	12.00	49.40	32.22	8.21	7.90	4.3	2.850	93.2
851	4/21/2013 11:01:33	12.04	49.54	32.32	8.49	7.91	4.0	2.777	96.6
852	4/21/2013 11:16:33	12.15	49.44	32.26	8.57	7.92	4.5	2.691	97.8
853	4/21/2013 11:31:33	12.31	49.37	32.21	8.78	7.94	4.8	2.610	100.4
854	4/21/2013 11:46:33	12.46	49.36	32.21	9.17	7.96	4.3	2.531	105.1
855	4/21/2013 12:01:33	12.72	49.26	32.15	9.50	8.00	4.6	2.441	109.5
856	4/21/2013 12:16:33	12.75	48.98	31.95	9.06	7.99	6.1	2.359	104.4
857	4/21/2013 12:31:33	13.09	49.02	31.99	9.71	8.03	6.1	2.267	112.7
858	4/21/2013 12:46:33	13.25	48.80	31.83	9.25	8.04	7.5	2.179	107.6
859	4/21/2013 13:01:33	13.41	48.78	31.82	9.19	8.05	6.8	2.092	107.3
860	4/21/2013 13:16:33	13.60	48.67	31.75	9.28	8.06	7.0	2.012	108.6
861	4/21/2013 13:31:33	13.79	48.62	31.72	9.27	8.08	6.8	1.946	108.9
862	4/21/2013 13:46:33	13.93	48.56	31.68	9.25	8.09	6.8	1.861	109.0
863	4/21/2013 14:01:33	14.05	48.53	31.66	9.31	8.10	6.5	1.812	109.9
864	4/21/2013 14:16:33	14.03	48.50	31.64	9.09	8.09	6.4	1.769	107.3
865	4/21/2013 14:31:33	14.03	48.51	31.65	9.09	8.09	5.7	1.703	107.3
866	4/21/2013 14:46:33	14.01	48.45	31.60	8.86	8.09	5.6	1.689	104.5
867	4/21/2013 15:01:33	13.76	48.36	31.53	8.50	8.06	4.5	1.701	99.7
868	4/21/2013 15:16:33	13.69	48.40	31.56	8.61	8.06	5.0	1.670	100.9
869	4/21/2013 15:31:33	13.60	48.42	31.57	8.41	8.06	4.8	1.688	98.3
870	4/21/2013 15:46:33	13.80	48.51	31.64	8.84	8.07	5.0	1.728	103.9
871	4/21/2013 16:01:33	13.82	48.46	31.61	8.86	8.08	5.7	1.761	104.1
872	4/21/2013 16:16:33	13.74	48.46	31.61	8.83	8.07	5.4	1.817	103.6
873	4/21/2013 16:31:33	13.68	48.47	31.61	8.76	8.06	4.6	1.869	102.7
874	4/21/2013 16:46:33	13.66	48.46	31.60	8.76	8.07	4.7	1.935	102.6
875	4/21/2013 17:01:33	13.52	48.49	31.62	8.68	8.05	4.5	2.004	101.4
876	4/21/2013 17:16:33	13.58	48.48	31.61	8.70	8.06	4.7	2.063	101.8
877	4/21/2013 17:31:33	13.68	48.33	31.51	8.72	8.07	5.0	2.141	102.1
878	4/21/2013 17:46:33	13.66	48.29	31.48	8.69	8.06	4.9	2.218	101.7
879	4/21/2013 18:01:33	13.51	48.39	31.55	8.56	8.04	4.5	2.288	100.0
880	4/21/2013 18:16:33	13.45	48.43	31.57	8.59	8.03	5.1	2.367	100.2
881	4/21/2013 18:31:33	13.56	48.52	31.64	8.82	8.04	5.7	2.444	103.1
882	4/21/2013 18:46:33	13.25	48.70	31.76	8.64	8.01	5.5	2.518	100.5
883	4/21/2013 19:01:33	12.79	48.97	31.94	8.33	7.95	4.7	2.601	96.1
884	4/21/2013 19:16:33	12.51	49.14	32.06	8.14	7.92	5.0	2.677	93.4
885	4/21/2013 19:31:33	12.36	49.26	32.13	8.11	7.91	4.8	2.745	92.8
886	4/21/2013 19:46:33	12.18	49.38	32.21	8.05	7.89	4.6	2.830	91.8
887	4/21/2013 20:01:33	12.02	49.52	32.31	7.98	7.88	5.3	2.900	90.7
888	4/21/2013 20:16:33	11.94	49.62	32.38	7.99	7.87	5.2	2.969	90.7
889	4/21/2013 20:31:33	11.80	49.74	32.46	7.92	7.86	4.7	3.039	89.7
890	4/21/2013 20:46:33	11.64	49.86	32.53	7.85	7.84	4.7	3.107	88.7
891	4/21/2013 21:01:33	11.50	49.96	32.60	7.77	7.83	4.7	3.168	87.6
892	4/21/2013 21:16:33	11.37	50.07	32.68	7.69	7.82	3.9	3.225	86.5
893	4/21/2013 21:31:33	11.15	50.27	32.80	7.54	7.80	3.6	3.276	84.5
894	4/21/2013 21:46:33	11.02	50.40	32.89	7.45	7.80	3.2	3.309	83.2
895	4/21/2013 22:01:33	10.93	50.47	32.94	7.38	7.79	2.6	3.336	82.4
896	4/21/2013 22:16:33	10.95	50.49	32.95	7.31	7.79	2.9	3.334	81.6
897	4/21/2013 22:31:33	10.92	50.52	32.97	7.37	7.79	4.1	3.319	82.2
898	4/21/2013 22:46:33	11.00	50.42	32.91	7.44	7.79	4.5	3.281	83.2
899	4/21/2013 23:01:33	11.26	50.15	32.73	7.67	7.82	7.3	3.210	86.0
900	4/21/2013 23:16:33	11.29	50.07	32.67	7.78	7.82	7.8	3.156	87.4

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
901	4/21/2013 23:31:34	11.23	50.12	32.70	7.82	7.82	10.1	3.077	87.7
902	4/21/2013 23:46:34	11.25	50.09	32.69	7.83	7.82	9.7	2.976	87.8
903	4/22/2013 0:01:33	11.18	50.15	32.73	7.81	7.81	7.6	2.885	87.5
904	4/22/2013 0:16:33	11.57	49.81	32.50	7.94	7.86	8.3	2.806	89.6
905	4/22/2013 0:31:33	11.70	49.67	32.40	7.95	7.86	9.4	2.701	89.9
906	4/22/2013 0:46:33	11.72	49.63	32.37	7.91	7.86	8.7	2.610	89.4
907	4/22/2013 1:01:33	11.98	49.45	32.26	8.09	7.89	10.6	2.522	91.9
908	4/22/2013 1:16:33	12.21	49.23	32.11	8.09	7.92	9.9	2.427	92.2
909	4/22/2013 1:31:33	12.37	49.12	32.03	8.10	7.93	11.0	2.340	92.7
910	4/22/2013 1:46:33	12.47	49.07	32.00	8.10	7.95	10.2	2.248	92.8
911	4/22/2013 2:01:33	12.69	48.94	31.91	8.15	7.97	9.9	2.141	93.7
912	4/22/2013 2:16:33	12.93	48.80	31.82	8.16	8.00	10.6	2.070	94.3
913	4/22/2013 2:31:33	13.15	48.70	31.76	8.18	8.03	11.1	1.988	94.9
914	4/22/2013 2:46:33	13.35	48.56	31.67	8.14	8.06	12.7	1.919	94.8
915	4/22/2013 3:01:33	13.43	48.52	31.64	8.12	8.07	11.7	1.851	94.7
916	4/22/2013 3:16:33	13.51	48.47	31.61	8.12	8.07	11.4	1.814	94.8
917	4/22/2013 3:31:33	13.57	48.43	31.58	8.11	8.08	11.0	1.789	94.8
918	4/22/2013 3:46:33	13.58	48.41	31.56	8.07	8.09	10.4	1.761	94.4
919	4/22/2013 4:01:33	13.49	48.45	31.59	7.90	8.07	9.7	1.775	92.2
920	4/22/2013 4:16:33	13.45	48.48	31.61	8.02	8.07	8.9	1.794	93.5
921	4/22/2013 4:31:33	13.40	48.50	31.62	7.94	8.06	9.7	1.830	92.6
922	4/22/2013 4:46:33	13.37	48.49	31.62	8.01	8.05	9.2	1.860	93.2
923	4/22/2013 5:01:33	13.35	48.51	31.63	7.97	8.05	9.0	1.918	92.8
924	4/22/2013 5:16:33	13.27	48.47	31.59	7.99	8.04	8.9	1.987	92.9
925	4/22/2013 5:31:33	13.19	48.46	31.58	7.97	8.02	8.3	2.035	92.4
926	4/22/2013 5:46:33	13.15	48.48	31.60	7.92	8.01	8.1	2.109	91.8
927	4/22/2013 6:01:33	13.09	48.47	31.59	7.91	8.01	7.2	2.169	91.5
928	4/22/2013 6:16:33	13.03	48.52	31.62	7.88	8.00	7.5	2.238	91.1
929	4/22/2013 6:31:33	12.55	48.94	31.91	7.88	7.94	7.6	2.312	90.4
930	4/22/2013 6:46:33	12.53	48.99	31.94	7.84	7.93	6.4	2.376	89.9
931	4/22/2013 7:01:33	12.37	49.15	32.05	7.82	7.91	6.2	2.453	89.4
932	4/22/2013 7:16:33	12.21	49.30	32.15	7.86	7.90	6.7	2.517	89.7
933	4/22/2013 7:31:33	12.16	49.33	32.17	7.82	7.89	6.0	2.592	89.2
934	4/22/2013 7:46:33	12.10	49.40	32.22	7.85	7.89	5.6	2.662	89.4
935	4/22/2013 8:01:33	12.04	49.46	32.27	7.83	7.88	5.5	2.725	89.1
936	4/22/2013 8:16:33	11.92	49.56	32.33	7.80	7.87	5.5	2.786	88.5
937	4/22/2013 8:31:34	11.73	49.74	32.45	7.73	7.85	5.0	2.850	87.5
938	4/22/2013 8:46:33	11.68	49.74	32.45	7.70	7.85	5.0	2.909	87.1
939	4/22/2013 9:01:33	11.59	49.79	32.48	7.67	7.84	4.7	2.962	86.6
940	4/22/2013 9:16:34	11.38	49.88	32.54	7.62	7.83	4.7	3.015	85.6
941	4/22/2013 9:31:34	11.35	49.92	32.57	7.59	7.82	3.7	3.065	85.3
942	4/22/2013 9:46:33	11.28	50.00	32.62	7.56	7.82	3.6	3.100	84.8
943	4/22/2013 10:01:34	11.24	50.05	32.65	7.51	7.82	2.9	3.131	84.2
944	4/22/2013 10:16:33	11.17	50.10	32.69	7.40	7.81	2.6	3.143	82.9
945	4/22/2013 10:31:33	11.26	50.08	32.67	7.49	7.81	4.2	3.140	84.0
946	4/22/2013 10:46:33	11.25	50.06	32.66	7.49	7.81	3.7	3.131	83.9
947	4/22/2013 11:01:34	11.19	50.10	32.69	7.46	7.81	4.0	3.094	83.5
948	4/22/2013 11:16:34	11.52	49.90	32.56	7.61	7.83	5.1	3.028	85.8
949	4/22/2013 11:31:33	11.86	49.71	32.44	7.87	7.86	6.1	2.960	89.2
950	4/22/2013 11:46:33	12.10	49.67	32.42	7.90	7.87	5.1	2.891	90.0
951	4/22/2013 12:01:33	12.36	49.65	32.42	8.16	7.89	5.8	2.803	93.5
952	4/22/2013 12:16:33	12.17	49.62	32.39	8.08	7.89	7.9	2.708	92.3
953	4/22/2013 12:31:33	12.45	49.41	32.25	8.18	7.92	7.6	2.607	93.8

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
954	4/22/2013 12:46:33	12.93	49.28	32.17	8.44	7.96	7.4	2.530	97.7
955	4/22/2013 13:01:33	13.12	49.21	32.13	8.66	7.97	7.5	2.440	100.7
956	4/22/2013 13:16:33	13.53	49.28	32.20	8.94	7.98	7.0	2.329	104.8
957	4/22/2013 13:31:33	13.66	49.23	32.16	9.10	8.00	6.4	2.245	106.9
958	4/22/2013 13:46:33	13.80	49.06	32.04	9.01	8.02	7.0	2.154	106.1
959	4/22/2013 14:01:33	13.97	49.02	32.02	9.02	8.03	6.9	2.071	106.7
960	4/22/2013 14:16:33	14.09	48.95	31.97	9.05	8.05	8.3	1.983	107.2
961	4/22/2013 14:31:33	14.10	48.89	31.93	9.07	8.06	7.9	1.892	107.4
962	4/22/2013 14:46:33	14.16	48.83	31.89	8.97	8.07	7.0	1.838	106.4
963	4/22/2013 15:01:33	14.16	48.80	31.87	8.80	8.06	6.1	1.784	104.3
964	4/22/2013 15:16:33	14.23	48.80	31.87	8.84	8.07	6.1	1.720	104.9
965	4/22/2013 15:31:33	14.27	48.84	31.90	8.80	8.06	6.2	1.694	104.6
966	4/22/2013 15:46:33	14.34	48.83	31.89	8.72	8.06	4.9	1.694	103.7
967	4/22/2013 16:01:33	14.45	48.84	31.90	8.82	8.08	6.0	1.696	105.2
968	4/22/2013 16:16:33	14.39	48.82	31.88	8.79	8.07	4.7	1.705	104.7
969	4/22/2013 16:31:33	14.43	48.84	31.90	9.03	8.07	5.6	1.751	107.7
970	4/22/2013 16:46:33	14.53	48.61	31.74	9.13	8.11	5.9	1.793	109.0
971	4/22/2013 17:01:33	14.52	48.59	31.72	9.13	8.11	6.2	1.859	109.0
972	4/22/2013 17:16:33	14.46	48.65	31.76	9.12	8.10	6.0	1.914	108.6
973	4/22/2013 17:31:33	14.34	48.71	31.81	9.07	8.08	5.2	1.976	107.9
974	4/22/2013 17:46:33	14.43	48.66	31.77	9.12	8.09	5.7	2.059	108.7
975	4/22/2013 18:01:33	14.30	48.69	31.79	8.99	8.08	5.3	2.136	106.9
976	4/22/2013 18:16:33	14.20	48.71	31.80	9.03	8.07	5.2	2.218	107.1
977	4/22/2013 18:31:33	13.88	48.79	31.85	8.82	8.04	5.4	2.297	104.0
978	4/22/2013 18:46:33	13.57	49.01	32.00	8.60	7.99	5.6	2.372	100.9
979	4/22/2013 19:01:33	13.33	49.17	32.11	8.41	7.96	5.4	2.461	98.1
980	4/22/2013 19:16:33	13.08	49.28	32.18	8.27	7.93	6.2	2.540	96.1
981	4/22/2013 19:31:34	12.90	49.36	32.23	8.21	7.92	5.9	2.624	95.1
982	4/22/2013 19:46:34	12.80	49.42	32.27	8.21	7.92	7.0	2.699	94.9
983	4/22/2013 20:01:33	12.62	49.55	32.36	8.19	7.90	8.3	2.798	94.3
984	4/22/2013 20:16:33	12.48	49.66	32.43	8.12	7.89	10.1	2.883	93.3
985	4/22/2013 20:31:33	12.14	49.82	32.53	8.00	7.86	10.0	2.957	91.3
986	4/22/2013 20:46:33	11.95	49.95	32.62	7.88	7.85	8.4	3.043	89.7
987	4/22/2013 21:01:34	11.77	50.07	32.70	7.85	7.84	7.6	3.130	89.0
988	4/22/2013 21:16:33	11.54	50.24	32.81	7.72	7.82	7.0	3.210	87.2
989	4/22/2013 21:31:33	11.14	50.55	33.01	7.47	7.80	7.0	3.283	83.7
990	4/22/2013 21:46:33	10.90	50.72	33.12	7.31	7.79	5.5	3.347	81.6
991	4/22/2013 22:01:34	10.69	50.89	33.23	7.24	7.79	4.2	3.409	80.5
992	4/22/2013 22:16:33	10.60	50.97	33.29	7.17	7.79	3.7	3.454	79.6
993	4/22/2013 22:31:33	10.54	50.99	33.30	7.10	7.79	3.6	3.474	78.8
994	4/22/2013 22:46:33	10.70	50.93	33.26	7.11	7.79	5.3	3.475	79.1
995	4/22/2013 23:01:33	10.59	50.98	33.29	7.08	7.78	5.2	3.468	78.6
996	4/22/2013 23:16:34	10.48	51.06	33.34	7.08	7.78	5.1	3.426	78.4
997	4/22/2013 23:31:33	11.98	49.94	32.61	7.72	7.87	6.4	3.349	87.8
998	4/22/2013 23:46:33	11.48	50.35	32.88	7.53	7.84	7.2	3.279	84.9
999	4/23/2013 0:01:33	11.54	50.23	32.80	7.61	7.85	6.7	3.192	85.9
1000	4/23/2013 0:16:33	11.97	49.94	32.61	7.69	7.87	6.7	3.098	87.5
1001	4/23/2013 0:31:33	12.03	49.91	32.59	7.68	7.87	7.2	3.001	87.5
1002	4/23/2013 0:46:33	12.13	49.81	32.52	7.69	7.87	7.2	2.890	87.7
1003	4/23/2013 1:01:33	12.39	49.63	32.40	7.78	7.89	7.3	2.792	89.2
1004	4/23/2013 1:16:33	12.49	49.55	32.35	7.78	7.89	7.1	2.697	89.3
1005	4/23/2013 1:31:33	12.37	49.61	32.39	7.83	7.89	7.7	2.584	89.8
1006	4/23/2013 1:46:33	12.39	49.60	32.38	7.85	7.90	7.4	2.480	90.0

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1007	4/23/2013 2:01:33	12.61	49.47	32.30	7.91	7.93	8.3	2.361	91.1
1008	4/23/2013 2:16:33	12.72	49.39	32.25	7.95	7.94	8.2	2.252	91.7
1009	4/23/2013 2:31:33	13.05	49.22	32.14	8.13	7.99	9.1	2.132	94.3
1010	4/23/2013 2:46:33	13.10	49.20	32.12	8.23	8.01	9.6	2.023	95.7
1011	4/23/2013 3:01:33	13.48	48.99	31.98	8.32	8.04	10.8	1.916	97.4
1012	4/23/2013 3:16:33	13.65	48.90	31.92	8.42	8.07	10.4	1.815	98.8
1013	4/23/2013 3:31:33	13.76	48.84	31.88	8.40	8.07	9.7	1.733	98.7
1014	4/23/2013 3:46:33	13.86	48.78	31.84	8.47	8.09	10.1	1.650	99.8
1015	4/23/2013 4:01:33	14.02	48.69	31.78	8.46	8.10	9.7	1.579	99.9
1016	4/23/2013 4:16:33	14.11	48.64	31.75	8.49	8.11	9.4	1.550	100.4
1017	4/23/2013 4:31:33	14.18	48.58	31.71	8.46	8.12	8.8	1.522	100.2
1018	4/23/2013 4:46:33	14.04	48.65	31.75	8.19	8.09	8.4	1.525	96.7
1019	4/23/2013 5:01:33	14.04	48.65	31.75	8.39	8.10	7.3	1.551	99.1
1020	4/23/2013 5:16:33	13.98	48.70	31.79	8.36	8.09	6.8	1.588	98.7
1021	4/23/2013 5:31:33	13.93	48.70	31.78	8.38	8.08	6.7	1.648	98.8
1022	4/23/2013 5:46:33	13.91	48.71	31.80	8.40	8.08	7.3	1.712	99.0
1023	4/23/2013 6:01:33	13.91	48.51	31.65	8.26	8.07	7.6	1.780	97.3
1024	4/23/2013 6:16:33	13.90	48.60	31.72	8.27	8.07	7.6	1.866	97.4
1025	4/23/2013 6:31:33	13.88	48.57	31.69	8.21	8.06	7.3	1.941	96.6
1026	4/23/2013 6:46:33	13.82	48.59	31.70	8.14	8.05	6.3	2.013	95.7
1027	4/23/2013 7:01:33	13.76	48.64	31.74	8.17	8.05	6.7	2.102	95.9
1028	4/23/2013 7:16:33	13.52	48.80	31.84	8.02	8.02	6.7	2.186	93.8
1029	4/23/2013 7:31:33	13.17	49.05	32.02	7.90	7.97	6.5	2.269	91.9
1030	4/23/2013 7:46:33	12.84	49.26	32.16	7.86	7.93	6.5	2.348	90.8
1031	4/23/2013 8:01:33	12.69	49.39	32.24	7.83	7.91	6.4	2.433	90.3
1032	4/23/2013 8:16:33	12.62	49.42	32.26	7.82	7.91	5.7	2.520	90.0
1033	4/23/2013 8:31:33	12.57	49.44	32.28	7.83	7.90	6.4	2.597	90.1
1034	4/23/2013 8:46:33	12.48	49.51	32.32	7.81	7.89	6.8	2.673	89.6
1035	4/23/2013 9:01:33	12.32	49.62	32.39	7.75	7.88	6.6	2.756	88.8
1036	4/23/2013 9:16:33	12.19	49.70	32.45	7.70	7.87	7.4	2.832	87.9
1037	4/23/2013 9:31:33	11.95	49.85	32.55	7.60	7.86	7.6	2.899	86.5
1038	4/23/2013 9:46:34	11.75	49.95	32.61	7.61	7.85	6.6	2.974	86.3
1039	4/23/2013 10:01:33	11.64	50.05	32.67	7.57	7.84	5.7	3.044	85.6
1040	4/23/2013 10:16:34	11.41	50.19	32.76	7.54	7.83	5.7	3.104	84.8
1041	4/23/2013 10:31:33	11.25	50.30	32.83	7.46	7.82	4.7	3.153	83.7
1042	4/23/2013 10:46:33	10.93	50.52	32.98	7.33	7.81	5.1	3.199	81.9
1043	4/23/2013 11:01:33	10.72	50.68	33.08	7.27	7.80	3.5	3.234	80.9
1044	4/23/2013 11:16:33	10.70	50.72	33.11	7.13	7.80	3.6	3.241	79.2
1045	4/23/2013 11:31:34	10.73	50.71	33.10	7.24	7.80	4.3	3.230	80.6
1046	4/23/2013 11:46:33	10.70	50.73	33.12	7.25	7.80	4.4	3.212	80.6
1047	4/23/2013 12:01:34	10.83	50.62	33.05	7.24	7.80	5.6	3.163	80.7
1048	4/23/2013 12:16:34	11.79	50.11	32.72	7.64	7.85	6.0	3.094	86.7
1049	4/23/2013 12:31:33	11.88	50.01	32.66	7.71	7.86	7.8	3.010	87.6
1050	4/23/2013 12:46:33	12.38	49.90	32.60	8.17	7.89	9.8	2.920	93.7
1051	4/23/2013 13:01:33	12.29	50.22	32.83	8.40	7.90	9.8	2.836	96.3
1052	4/23/2013 13:16:33	12.50	49.99	32.67	8.34	7.91	13.2	2.730	96.0
1053	4/23/2013 13:31:33	12.84	49.76	32.52	8.27	7.93	13.0	2.641	95.8
1054	4/23/2013 13:46:33	13.22	49.62	32.43	8.46	7.95	19.7	2.550	98.7
1055	4/23/2013 14:01:33	13.35	49.61	32.43	8.45	7.95	26.7	2.455	98.9
1056	4/23/2013 14:16:33	13.45	49.60	32.42	8.44	7.94	29.0	2.360	98.9
1057	4/23/2013 14:31:33	13.66	49.42	32.30	8.56	7.97	25.2	2.262	100.7
1058	4/23/2013 14:46:33	13.82	49.32	32.23	8.57	7.99	27.2	2.176	101.2
1059	4/23/2013 15:01:33	14.14	49.26	32.20	8.56	7.99	33.3	2.069	101.6

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1060	4/23/2013 15:16:33	14.33	49.13	32.11	8.61	8.01	30.3	1.986	102.6
1061	4/23/2013 15:31:33	14.38	49.12	32.10	8.54	8.02	24.2	1.908	101.9
1062	4/23/2013 15:46:33	14.45	49.12	32.10	8.52	8.01	23.1	1.826	101.8
1063	4/23/2013 16:01:33	14.59	49.09	32.08	8.49	8.03	17.8	1.784	101.6
1064	4/23/2013 16:16:33	14.60	49.04	32.06	8.31	8.02	13.6	1.738	99.5
1065	4/23/2013 16:31:33	14.66	49.05	32.06	8.17	8.02	10.9	1.732	98.0
1066	4/23/2013 16:46:33	14.68	49.06	32.07	8.34	8.03	13.0	1.730	100.0
1067	4/23/2013 17:01:33	15.02	48.84	31.91	8.77	8.09	15.5	1.759	105.8
1068	4/23/2013 17:16:33	14.76	48.99	32.02	8.55	8.05	11.5	1.808	102.7
1069	4/23/2013 17:31:33	15.09	48.78	31.88	8.92	8.11	12.6	1.857	107.8
1070	4/23/2013 17:46:33	15.01	48.80	31.88	8.82	8.10	13.9	1.934	106.3
1071	4/23/2013 18:01:33	14.93	48.86	31.93	8.83	8.09	11.3	1.996	106.4
1072	4/23/2013 18:16:33	14.80	48.91	31.96	8.86	8.08	10.9	2.079	106.4
1073	4/23/2013 18:31:33	15.25	48.65	31.78	9.00	8.11	14.4	2.154	108.9
1074	4/23/2013 18:46:33	15.05	48.74	31.84	8.92	8.10	12.2	2.233	107.7
1075	4/23/2013 19:01:33	14.83	48.85	31.92	8.86	8.07	10.6	2.322	106.5
1076	4/23/2013 19:16:33	14.25	49.09	32.08	8.69	8.02	13.1	2.402	103.3
1077	4/23/2013 19:31:33	13.76	49.32	32.23	8.42	7.97	13.0	2.494	99.2
1078	4/23/2013 19:46:33	13.34	49.50	32.34	8.18	7.93	11.7	2.578	95.7
1079	4/23/2013 20:01:33	13.29	49.51	32.35	8.18	7.93	14.0	2.659	95.6
1080	4/23/2013 20:16:33	13.13	49.62	32.43	8.21	7.93	16.2	2.753	95.6
1081	4/23/2013 20:31:33	12.78	49.83	32.57	8.10	7.90	16.4	2.850	93.8
1082	4/23/2013 20:46:33	12.58	49.94	32.64	8.03	7.89	20.2	2.933	92.6
1083	4/23/2013 21:01:33	12.27	50.05	32.70	7.96	7.88	18.4	3.032	91.3
1084	4/23/2013 21:16:33	11.99	50.25	32.84	7.90	7.86	16.9	3.130	90.1
1085	4/23/2013 21:31:33	11.68	50.45	32.97	7.78	7.85	13.4	3.218	88.2
1086	4/23/2013 21:46:34	11.30	50.68	33.11	7.59	7.83	11.2	3.317	85.5
1087	4/23/2013 22:01:33	10.90	50.91	33.26	7.35	7.81	9.7	3.407	82.1
1088	4/23/2013 22:16:34	10.60	51.08	33.37	7.24	7.80	7.9	3.484	80.4
1089	4/23/2013 22:31:33	10.47	51.16	33.42	7.15	7.79	6.5	3.557	79.2
1090	4/23/2013 22:46:34	10.38	51.21	33.45	7.07	7.79	5.1	3.604	78.2
1091	4/23/2013 23:01:33	10.27	51.26	33.48	7.00	7.79	4.5	3.640	77.2
1092	4/23/2013 23:16:34	10.73	50.94	33.27	7.00	7.80	5.3	3.657	77.9
1093	4/23/2013 23:31:34	10.30	51.28	33.49	7.00	7.79	5.4	3.658	77.3
1094	4/23/2013 23:46:34	10.26	51.30	33.50	7.01	7.79	5.6	3.621	77.4
1095	4/24/2013 0:01:33	10.41	51.22	33.45	7.05	7.79	7.9	3.563	78.0
1096	4/24/2013 0:16:34	11.15	50.75	33.15	7.38	7.84	8.8	3.483	82.9
1097	4/24/2013 0:31:34	11.03	50.83	33.21	7.42	7.85	8.9	3.388	83.1
1098	4/24/2013 0:46:33	11.06	50.83	33.21	7.44	7.85	8.6	3.286	83.3
1099	4/24/2013 1:01:33	11.78	50.37	32.91	7.54	7.88	10.5	3.166	85.6
1100	4/24/2013 1:16:34	11.63	50.48	32.99	7.49	7.85	8.3	3.057	84.9
1101	4/24/2013 1:31:34	12.04	50.20	32.81	7.66	7.88	10.6	2.940	87.4
1102	4/24/2013 1:46:33	12.41	49.98	32.66	7.73	7.90	11.2	2.815	88.8
1103	4/24/2013 2:01:33	12.41	50.00	32.67	7.62	7.89	9.5	2.691	87.5
1104	4/24/2013 2:16:33	12.72	49.81	32.55	7.84	7.93	12.4	2.574	90.7
1105	4/24/2013 2:31:33	12.76	49.79	32.53	7.91	7.94	15.0	2.436	91.5
1106	4/24/2013 2:46:33	13.10	49.61	32.42	7.96	7.97	15.3	2.325	92.7
1107	4/24/2013 3:01:33	12.85	49.71	32.48	7.76	7.95	13.0	2.193	89.9
1108	4/24/2013 3:16:33	12.95	49.64	32.44	7.85	7.96	14.4	2.068	91.1
1109	4/24/2013 3:31:33	13.28	49.48	32.33	7.87	7.98	16.7	1.933	91.9
1110	4/24/2013 3:46:33	13.23	49.49	32.33	7.85	7.97	16.0	1.811	91.5
1111	4/24/2013 4:01:33	13.62	49.30	32.21	7.82	7.99	17.3	1.686	91.9
1112	4/24/2013 4:16:33	13.87	49.19	32.14	7.81	8.00	16.7	1.571	92.2

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1113	4/24/2013 4:31:33	14.18	49.04	32.04	7.82	8.03	15.8	1.474	92.8
1114	4/24/2013 4:46:33	14.41	48.87	31.92	7.77	8.05	15.5	1.392	92.6
1115	4/24/2013 5:01:33	14.54	48.83	31.89	7.72	8.06	14.8	1.330	92.3
1116	4/24/2013 5:16:33	14.51	48.85	31.91	7.68	8.05	13.3	1.294	91.7
1117	4/24/2013 5:31:33	14.48	48.85	31.91	7.63	8.06	12.2	1.304	91.1
1118	4/24/2013 5:46:33	14.46	48.83	31.90	7.61	8.05	11.0	1.333	90.8
1119	4/24/2013 6:01:33	14.35	48.87	31.92	7.63	8.04	11.1	1.382	90.8
1120	4/24/2013 6:16:33	14.34	48.87	31.92	7.72	8.04	11.5	1.457	91.9
1121	4/24/2013 6:31:33	14.29	48.89	31.93	7.73	8.04	10.6	1.538	91.9
1122	4/24/2013 6:46:33	14.28	48.57	31.70	7.60	8.04	11.5	1.615	90.3
1123	4/24/2013 7:01:33	14.26	48.68	31.78	7.61	8.03	9.8	1.707	90.3
1124	4/24/2013 7:16:33	14.23	48.65	31.76	7.57	8.03	9.8	1.787	89.8
1125	4/24/2013 7:31:33	14.19	48.68	31.78	7.57	8.02	9.2	1.881	89.8
1126	4/24/2013 7:46:33	14.11	48.83	31.89	7.63	8.02	9.8	1.971	90.4
1127	4/24/2013 8:01:33	13.85	49.01	32.01	7.66	8.00	9.5	2.063	90.3
1128	4/24/2013 8:16:33	13.64	49.16	32.11	7.63	7.98	8.5	2.156	89.6
1129	4/24/2013 8:31:33	13.32	49.38	32.26	7.73	7.95	9.2	2.252	90.3
1130	4/24/2013 8:46:34	13.16	49.50	32.34	7.73	7.93	9.1	2.355	90.1
1131	4/24/2013 9:01:34	13.07	49.56	32.38	7.76	7.93	8.9	2.453	90.3
1132	4/24/2013 9:16:33	12.93	49.63	32.42	7.74	7.92	10.7	2.544	89.7
1133	4/24/2013 9:31:34	12.77	49.74	32.50	7.69	7.91	10.6	2.636	88.9
1134	4/24/2013 9:46:33	12.61	49.83	32.56	7.66	7.90	12.1	2.725	88.3
1135	4/24/2013 10:01:33	12.42	49.91	32.61	7.62	7.89	13.8	2.813	87.6
1136	4/24/2013 10:16:34	12.06	50.06	32.70	7.60	7.87	14.6	2.896	86.7
1137	4/24/2013 10:31:33	11.90	50.17	32.77	7.57	7.86	13.3	2.976	86.1
1138	4/24/2013 10:46:34	11.40	50.46	32.96	7.55	7.84	15.5	3.057	85.1
1139	4/24/2013 11:01:34	11.13	50.67	33.10	7.58	7.83	13.9	3.124	85.0
1140	4/24/2013 11:16:33	10.97	50.78	33.17	7.57	7.83	10.9	3.194	84.7
1141	4/24/2013 11:31:33	10.92	50.84	33.21	7.54	7.83	8.0	3.255	84.3
1142	4/24/2013 11:46:33	10.82	50.91	33.25	7.45	7.83	6.0	3.296	83.1
1143	4/24/2013 12:01:33	10.74	50.95	33.27	7.41	7.83	5.2	3.321	82.5
1144	4/24/2013 12:16:34	11.05	50.82	33.20	7.59	7.84	6.9	3.336	85.0
1145	4/24/2013 12:31:33	10.69	51.00	33.31	7.32	7.82	7.3	3.315	81.4
1146	4/24/2013 12:46:33	10.73	50.97	33.29	7.40	7.82	7.5	3.266	82.3
1147	4/24/2013 13:01:34	11.63	50.59	33.07	7.70	7.86	10.0	3.204	87.3
1148	4/24/2013 13:16:33	12.15	50.36	32.92	8.00	7.89	12.3	3.130	91.6
1149	4/24/2013 13:31:33	12.68	50.31	32.91	8.02	7.89	14.1	3.037	92.8
1150	4/24/2013 13:46:34	12.37	50.22	32.83	8.00	7.90	14.8	2.941	91.9
1151	4/24/2013 14:01:33	12.41	50.17	32.80	8.07	7.91	14.7	2.840	92.8
1152	4/24/2013 14:16:34	12.80	50.11	32.77	8.28	7.94	16.3	2.741	96.0
1153	4/24/2013 14:31:33	13.30	49.91	32.65	8.44	7.96	22.9	2.643	98.8
1154	4/24/2013 14:46:33	13.46	49.96	32.69	8.60	7.97	20.3	2.547	101.1
1155	4/24/2013 15:01:33	13.66	49.98	32.71	8.63	7.97	22.0	2.451	101.8
1156	4/24/2013 15:16:33	13.94	49.79	32.58	8.63	7.98	25.5	2.358	102.3
1157	4/24/2013 15:31:33	14.21	49.65	32.48	8.67	8.00	26.0	2.265	103.3
1158	4/24/2013 15:46:33	14.48	49.48	32.37	8.71	8.01	27.3	2.165	104.3
1159	4/24/2013 16:01:33	14.66	49.47	32.36	8.72	8.02	22.6	2.086	104.8
1160	4/24/2013 16:16:33	14.78	49.41	32.33	8.63	8.02	26.1	1.999	103.8
1161	4/24/2013 16:31:33	14.95	49.42	32.33	8.60	8.02	25.6	1.933	103.9
1162	4/24/2013 16:46:33	15.26	49.35	32.29	8.74	8.05	23.6	1.877	106.2
1163	4/24/2013 17:01:33	15.27	49.26	32.23	8.72	8.05	16.5	1.828	105.9
1164	4/24/2013 17:16:33	15.72	49.11	32.12	8.92	8.10	14.3	1.812	109.3
1165	4/24/2013 17:31:33	15.81	49.01	32.06	8.78	8.10	10.9	1.814	107.7

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1166	4/24/2013 17:46:33	15.93	48.87	31.96	8.85	8.11	14.1	1.834	108.8
1167	4/24/2013 18:01:33	15.69	48.94	32.00	8.91	8.10	13.0	1.874	109.0
1168	4/24/2013 18:16:33	15.74	48.89	31.97	8.77	8.09	17.1	1.935	107.4
1169	4/24/2013 18:31:33	15.58	48.96	32.02	8.81	8.09	13.6	2.010	107.6
1170	4/24/2013 18:46:33	15.88	48.71	31.84	8.88	8.08	18.9	2.102	108.9
1171	4/24/2013 19:01:33	15.41	48.95	32.01	8.80	8.06	12.8	2.183	107.1
1172	4/24/2013 19:16:33	15.18	49.04	32.07	8.73	8.06	11.8	2.280	105.8
1173	4/24/2013 19:31:33	15.03	49.11	32.11	8.73	8.04	13.7	2.359	105.4
1174	4/24/2013 19:46:33	14.40	49.40	32.31	8.47	7.99	14.2	2.451	101.2
1175	4/24/2013 20:01:33	13.81	49.60	32.44	8.23	7.96	14.8	2.550	97.2
1176	4/24/2013 20:16:33	13.57	49.68	32.49	8.13	7.94	11.9	2.639	95.6
1177	4/24/2013 20:31:33	13.41	49.76	32.54	8.12	7.93	10.6	2.724	95.2
1178	4/24/2013 20:46:33	13.31	49.83	32.59	8.17	7.93	14.0	2.823	95.6
1179	4/24/2013 21:01:33	13.01	49.98	32.68	8.09	7.92	13.8	2.918	94.2
1180	4/24/2013 21:16:33	12.55	50.18	32.81	8.03	7.89	17.6	3.019	92.6
1181	4/24/2013 21:31:34	12.16	50.37	32.94	7.98	7.88	18.4	3.109	91.4
1182	4/24/2013 21:46:34	11.79	50.55	33.05	7.91	7.86	14.8	3.210	89.9
1183	4/24/2013 22:01:34	11.44	50.75	33.18	7.83	7.85	13.6	3.319	88.4
1184	4/24/2013 22:16:34	11.02	50.95	33.29	7.68	7.83	13.0	3.411	86.0
1185	4/24/2013 22:31:34	10.58	51.16	33.42	7.52	7.81	10.8	3.504	83.6
1186	4/24/2013 22:46:34	10.35	51.28	33.49	7.44	7.80	8.2	3.586	82.2
1187	4/24/2013 23:01:34	10.24	51.33	33.52	7.34	7.79	6.8	3.664	81.0
1188	4/24/2013 23:16:34	10.11	51.38	33.55	7.25	7.79	5.9	3.725	79.7
1189	4/24/2013 23:31:34	9.99	51.44	33.59	7.09	7.78	4.2	3.766	77.8
1190	4/24/2013 23:46:34	9.93	51.44	33.58	6.92	7.77	3.4	3.803	75.9
1191	4/25/2013 0:01:34	10.28	51.29	33.50	7.13	7.78	5.8	3.806	78.7
1192	4/25/2013 0:16:33	10.08	51.38	33.55	6.98	7.78	7.3	3.791	76.8
1193	4/25/2013 0:31:34	9.89	51.47	33.60	6.90	7.77	8.6	3.752	75.6
1194	4/25/2013 0:46:34	10.38	51.19	33.43	7.10	7.79	13.4	3.686	78.5
1195	4/25/2013 1:01:34	10.64	51.13	33.40	7.39	7.81	9.3	3.605	82.2
1196	4/25/2013 1:16:33	10.90	51.02	33.34	7.47	7.83	9.5	3.501	83.4
1197	4/25/2013 1:31:34	11.17	50.90	33.27	7.58	7.85	10.4	3.377	85.2
1198	4/25/2013 1:46:34	11.77	50.60	33.08	7.66	7.87	16.1	3.252	87.1
1199	4/25/2013 2:01:34	11.88	50.53	33.03	7.68	7.88	13.1	3.123	87.5
1200	4/25/2013 2:16:33	12.18	50.38	32.94	7.80	7.90	13.9	2.992	89.3
1201	4/25/2013 2:31:33	12.46	50.26	32.86	7.83	7.91	14.8	2.860	90.1
1202	4/25/2013 2:46:33	12.17	50.41	32.97	7.94	7.89	21.4	2.727	90.9
1203	4/25/2013 3:01:33	12.87	50.08	32.75	7.85	7.92	16.5	2.590	91.2
1204	4/25/2013 3:16:34	12.75	50.15	32.80	7.77	7.91	13.9	2.448	90.0
1205	4/25/2013 3:31:34	13.06	49.99	32.70	7.79	7.93	13.7	2.304	90.7
1206	4/25/2013 3:46:33	13.08	49.99	32.69	7.80	7.93	17.0	2.155	90.9
1207	4/25/2013 4:01:33	13.50	49.76	32.54	7.77	7.95	17.1	2.016	91.2
1208	4/25/2013 4:16:33	13.35	49.84	32.59	7.74	7.94	18.3	1.875	90.7
1209	4/25/2013 4:31:33	13.86	49.62	32.45	7.74	7.96	19.7	1.717	91.5
1210	4/25/2013 4:46:33	14.33	49.42	32.32	7.77	7.99	23.3	1.564	92.7
1211	4/25/2013 5:01:33	14.60	49.30	32.24	7.78	8.00	22.2	1.450	93.3
1212	4/25/2013 5:16:33	14.80	49.20	32.18	7.75	8.01	19.8	1.321	93.2
1213	4/25/2013 5:31:33	14.77	49.22	32.19	7.74	8.00	19.4	1.216	93.1
1214	4/25/2013 5:46:33	14.91	49.17	32.15	7.70	8.01	15.5	1.167	92.8
1215	4/25/2013 6:01:33	15.25	49.00	32.04	7.58	8.02	15.0	1.130	92.0
1216	4/25/2013 6:16:33	14.90	49.06	32.08	7.43	8.00	13.0	1.148	89.6
1217	4/25/2013 6:31:33	15.22	49.00	32.03	7.49	8.03	11.7	1.199	90.8
1218	4/25/2013 6:46:33	15.03	49.06	32.08	7.51	8.01	11.9	1.279	90.7

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1219	4/25/2013 7:01:33	15.06	49.03	32.06	7.55	8.01	13.1	1.355	91.2
1220	4/25/2013 7:16:33	15.01	49.04	32.07	7.57	8.01	12.2	1.437	91.5
1221	4/25/2013 7:31:33	14.99	48.79	31.88	7.50	8.00	14.0	1.531	90.4
1222	4/25/2013 7:46:33	14.93	48.88	31.94	7.47	8.00	11.6	1.621	90.0
1223	4/25/2013 8:01:33	14.90	48.77	31.86	7.43	8.00	11.5	1.713	89.4
1224	4/25/2013 8:16:33	14.85	48.78	31.87	7.41	7.99	11.2	1.805	89.1
1225	4/25/2013 8:31:33	14.75	48.83	31.90	7.47	7.99	13.0	1.901	89.7
1226	4/25/2013 8:46:33	14.56	49.06	32.06	7.52	7.98	11.2	2.004	90.0
1227	4/25/2013 9:01:33	14.31	49.22	32.18	7.53	7.97	10.5	2.097	89.7
1228	4/25/2013 9:16:33	14.00	49.44	32.33	7.59	7.95	12.5	2.216	90.0
1229	4/25/2013 9:31:33	13.71	49.59	32.43	7.64	7.94	13.0	2.325	90.0
1230	4/25/2013 9:46:33	13.57	49.66	32.48	7.65	7.93	12.0	2.420	90.0
1231	4/25/2013 10:01:33	13.51	49.70	32.50	7.66	7.93	13.5	2.534	90.0
1232	4/25/2013 10:16:33	13.23	49.83	32.58	7.65	7.91	15.6	2.636	89.4
1233	4/25/2013 10:31:34	13.06	49.92	32.64	7.60	7.90	17.7	2.731	88.5
1234	4/25/2013 10:46:33	12.67	50.03	32.71	7.64	7.89	21.0	2.830	88.2
1235	4/25/2013 11:01:34	12.43	50.15	32.79	7.64	7.88	20.3	2.927	87.9
1236	4/25/2013 11:16:34	12.02	50.34	32.90	7.53	7.86	23.2	3.006	85.9
1237	4/25/2013 11:31:33	11.32	50.73	33.15	7.37	7.83	18.0	3.101	83.0
1238	4/25/2013 11:46:33	11.00	50.91	33.27	7.29	7.82	17.8	3.177	81.6
1239	4/25/2013 12:01:33	10.91	50.97	33.30	7.26	7.82	15.3	3.244	81.1
1240	4/25/2013 12:16:33	10.81	50.99	33.31	7.24	7.82	10.2	3.312	80.8
1241	4/25/2013 12:31:34	10.78	51.02	33.33	7.24	7.82	6.5	3.358	80.8
1242	4/25/2013 12:46:34	10.74	51.03	33.33	7.18	7.82	5.3	3.387	80.0
1243	4/25/2013 13:01:34	11.05	50.94	33.29	7.23	7.83	7.5	3.398	81.1
1244	4/25/2013 13:16:34	10.79	51.03	33.34	7.21	7.81	7.9	3.393	80.4
1245	4/25/2013 13:31:34	10.78	51.03	33.34	7.21	7.82	9.3	3.352	80.4
1246	4/25/2013 13:46:33	11.11	50.87	33.24	7.28	7.83	12.9	3.290	81.7
1247	4/25/2013 14:01:33	11.86	50.60	33.08	7.65	7.88	17.5	3.229	87.2
1248	4/25/2013 14:16:33	12.36	50.56	33.08	7.85	7.89	19.5	3.127	90.3
1249	4/25/2013 14:31:34	12.95	50.22	32.86	8.04	7.93	20.9	3.033	93.6
1250	4/25/2013 14:46:33	13.15	50.07	32.76	8.11	7.94	17.7	2.933	94.8
1251	4/25/2013 15:01:33	13.47	49.96	32.69	8.23	7.95	19.2	2.826	96.6
1252	4/25/2013 15:16:33	14.04	49.76	32.56	8.48	7.98	21.5	2.737	100.7
1253	4/25/2013 15:31:34	14.06	49.80	32.59	8.50	7.98	15.6	2.632	101.0
1254	4/25/2013 15:46:33	14.34	49.70	32.52	8.56	7.99	14.3	2.541	102.2
1255	4/25/2013 16:01:33	14.70	49.65	32.50	8.94	8.02	11.4	2.438	107.5
1256	4/25/2013 16:16:33	15.08	49.45	32.36	8.90	8.04	14.1	2.335	107.8
1257	4/25/2013 16:31:33	15.21	49.39	32.32	8.89	8.05	14.0	2.253	108.0
1258	4/25/2013 16:46:33	15.39	49.51	32.41	9.34	8.08	12.5	2.162	113.8
1259	4/25/2013 17:01:33	15.61	49.36	32.31	9.25	8.08	12.2	2.078	113.2
1260	4/25/2013 17:16:33	15.53	49.38	32.32	9.16	8.07	11.4	2.016	112.0
1261	4/25/2013 17:31:33	15.79	49.29	32.26	9.28	8.09	11.4	1.969	113.9
1262	4/25/2013 17:46:33	15.84	49.27	32.25	9.19	8.09	10.4	1.922	113.0
1263	4/25/2013 18:01:33	15.86	49.26	32.24	9.21	8.09	10.4	1.892	113.2
1264	4/25/2013 18:16:33	15.88	49.27	32.25	8.83	8.08	10.6	1.912	108.6
1265	4/25/2013 18:31:33	15.81	49.27	32.25	9.14	8.09	8.9	1.939	112.3
1266	4/25/2013 18:46:33	15.70	49.28	32.25	9.04	8.07	10.3	1.975	110.7
1267	4/25/2013 19:01:33	15.69	49.25	32.23	8.99	8.07	10.4	2.034	110.1
1268	4/25/2013 19:16:33	15.58	49.24	32.22	8.90	8.06	12.0	2.125	108.8
1269	4/25/2013 19:31:33	15.73	48.96	32.02	8.92	8.06	13.1	2.216	109.2
1270	4/25/2013 19:46:33	15.50	49.09	32.11	8.77	8.05	13.4	2.303	107.0
1271	4/25/2013 20:01:33	15.29	49.23	32.21	8.67	8.03	12.8	2.397	105.4

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1272	4/25/2013 20:16:33	14.60	49.55	32.42	8.38	7.98	12.8	2.497	100.6
1273	4/25/2013 20:31:33	14.19	49.70	32.52	8.18	7.96	13.0	2.597	97.4
1274	4/25/2013 20:46:33	13.71	49.88	32.64	8.04	7.93	14.6	2.686	94.9
1275	4/25/2013 21:01:33	13.55	49.95	32.69	8.03	7.93	11.5	2.779	94.4
1276	4/25/2013 21:16:33	13.43	50.02	32.73	8.03	7.92	12.0	2.878	94.3
1277	4/25/2013 21:31:33	13.02	50.19	32.84	7.99	7.91	15.0	2.977	93.0
1278	4/25/2013 21:46:33	12.67	50.33	32.93	7.90	7.89	16.6	3.077	91.5
1279	4/25/2013 22:01:33	12.28	50.46	33.00	7.90	7.88	19.0	3.175	90.8
1280	4/25/2013 22:16:33	11.84	50.63	33.10	7.92	7.86	19.8	3.284	90.2
1281	4/25/2013 22:31:34	11.44	50.80	33.21	7.90	7.84	18.9	3.390	89.3
1282	4/25/2013 22:46:34	11.01	50.96	33.30	7.88	7.82	17.0	3.493	88.2
1283	4/25/2013 23:01:34	10.70	51.08	33.37	7.88	7.81	15.0	3.596	87.7
1284	4/25/2013 23:16:34	10.57	51.14	33.41	7.88	7.81	11.9	3.682	87.5
1285	4/25/2013 23:31:34	10.44	51.19	33.44	7.87	7.81	7.2	3.766	87.2
1286	4/25/2013 23:46:34	10.32	51.26	33.47	7.89	7.81	5.9	3.840	87.1
1287	4/26/2013 0:01:34	10.17	51.32	33.51	7.82	7.80	4.8	3.887	86.2
1288	4/26/2013 0:16:34	10.14	51.34	33.52	7.74	7.80	3.6	3.926	85.2
1289	4/26/2013 0:31:34	10.76	51.04	33.35	7.77	7.82	6.0	3.943	86.6
1290	4/26/2013 0:46:34	10.48	51.23	33.46	7.70	7.80	6.2	3.932	85.3
1291	4/26/2013 1:01:34	10.43	51.21	33.45	7.71	7.80	6.5	3.902	85.3
1292	4/26/2013 1:16:34	10.82	51.04	33.35	7.83	7.82	10.6	3.824	87.4
1293	4/26/2013 1:31:34	10.72	51.09	33.38	7.82	7.82	8.9	3.741	87.1
1294	4/26/2013 1:46:34	10.61	51.18	33.44	7.87	7.82	8.4	3.645	87.5
1295	4/26/2013 2:01:33	11.26	50.95	33.31	7.84	7.85	10.3	3.507	88.3
1296	4/26/2013 2:16:34	11.69	50.74	33.18	7.80	7.86	13.7	3.386	88.6
1297	4/26/2013 2:31:34	11.87	50.64	33.12	7.77	7.86	17.2	3.257	88.5
1298	4/26/2013 2:46:33	12.02	50.57	33.07	7.79	7.87	19.4	3.130	89.0
1299	4/26/2013 3:01:33	12.47	50.39	32.96	7.86	7.90	22.4	3.000	90.6
1300	4/26/2013 3:16:34	12.47	50.42	32.98	7.86	7.89	18.0	2.854	90.6
1301	4/26/2013 3:31:33	12.41	50.41	32.97	7.71	7.88	16.7	2.713	88.8
1302	4/26/2013 3:46:34	12.48	50.43	32.99	7.83	7.89	17.8	2.571	90.4
1303	4/26/2013 4:01:34	13.18	50.11	32.79	7.85	7.92	17.5	2.410	91.8
1304	4/26/2013 4:16:34	13.41	50.01	32.72	7.88	7.93	18.5	2.261	92.5
1305	4/26/2013 4:31:34	13.68	49.93	32.67	7.86	7.94	18.9	2.091	92.7
1306	4/26/2013 4:46:33	13.59	49.98	32.70	7.89	7.94	20.5	1.933	92.9
1307	4/26/2013 5:01:33	13.80	49.88	32.64	7.85	7.94	19.8	1.776	92.8
1308	4/26/2013 5:16:33	14.45	49.63	32.48	7.87	7.97	25.5	1.606	94.2
1309	4/26/2013 5:31:33	14.55	49.57	32.44	7.87	7.97	25.3	1.450	94.4
1310	4/26/2013 5:46:33	14.58	49.56	32.43	7.81	7.97	22.8	1.305	93.7
1311	4/26/2013 6:01:33	14.62	49.52	32.40	7.77	7.97	21.1	1.166	93.3
1312	4/26/2013 6:16:33	14.71	49.48	32.37	7.78	7.97	17.6	1.059	93.6
1313	4/26/2013 6:31:33	14.85	49.43	32.34	7.77	7.98	15.9	0.977	93.6
1314	4/26/2013 6:46:33	14.56	49.52	32.40	7.47	7.95	14.4	0.968	89.5
1315	4/26/2013 7:01:33	15.14	49.32	32.27	7.69	7.99	13.6	0.993	93.3
1316	4/26/2013 7:16:33	15.46	49.20	32.18	7.79	8.02	12.5	1.065	95.0
1317	4/26/2013 7:31:33	15.42	49.20	32.19	7.79	8.02	14.0	1.168	94.9
1318	4/26/2013 7:46:33	15.42	49.19	32.18	7.77	8.02	13.9	1.259	94.6
1319	4/26/2013 8:01:33	15.34	49.21	32.19	7.73	8.01	12.6	1.348	94.1
1320	4/26/2013 8:16:33	15.29	48.98	32.03	7.58	7.99	13.6	1.428	92.0
1321	4/26/2013 8:31:33	15.18	49.07	32.09	7.58	7.99	12.2	1.512	91.9
1322	4/26/2013 8:46:33	15.11	49.03	32.06	7.51	7.97	13.7	1.601	90.8
1323	4/26/2013 9:01:33	15.04	49.03	32.06	7.50	7.97	14.9	1.694	90.6
1324	4/26/2013 9:16:33	14.95	49.11	32.11	7.53	7.97	14.8	1.797	90.9

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1325	4/26/2013 9:31:33	14.79	49.25	32.21	7.59	7.96	14.0	1.894	91.3
1326	4/26/2013 9:46:33	14.52	49.42	32.33	7.62	7.95	14.4	2.006	91.2
1327	4/26/2013 10:01:33	14.21	49.60	32.45	7.65	7.94	16.4	2.124	91.1
1328	4/26/2013 10:16:33	14.01	49.70	32.51	7.71	7.94	16.7	2.241	91.5
1329	4/26/2013 10:31:33	13.89	49.78	32.57	7.73	7.93	15.1	2.361	91.5
1330	4/26/2013 10:46:33	13.80	49.81	32.59	7.74	7.93	15.8	2.470	91.5
1331	4/26/2013 11:01:33	13.65	49.86	32.62	7.74	7.92	17.7	2.585	91.3
1332	4/26/2013 11:16:33	13.40	49.93	32.66	7.71	7.91	19.0	2.687	90.4
1333	4/26/2013 11:31:33	13.18	49.99	32.70	7.67	7.90	19.7	2.786	89.6
1334	4/26/2013 11:46:33	12.84	50.12	32.78	7.71	7.88	24.9	2.879	89.5
1335	4/26/2013 12:01:33	12.57	50.22	32.84	7.73	7.87	23.6	2.966	89.2
1336	4/26/2013 12:16:33	11.74	50.59	33.07	7.77	7.85	21.1	3.060	88.3
1337	4/26/2013 12:31:34	11.44	50.74	33.17	7.78	7.84	19.3	3.139	87.9
1338	4/26/2013 12:46:34	11.35	50.77	33.19	7.78	7.84	16.9	3.210	87.8
1339	4/26/2013 13:01:33	11.29	50.81	33.21	7.79	7.84	12.3	3.283	87.7
1340	4/26/2013 13:16:34	11.25	50.82	33.22	7.75	7.84	8.7	3.342	87.2
	Mean	12.41	48.75	31.76	8.07	7.93	8.52	2.49	92.32
	Minimum	9.89	45.67	29.59	6.90	7.77	2.30	0.97	75.60
	Maximum	15.93	51.47	33.60	9.71	8.12	33.30	3.94	113.90

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

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	4/26/2013 13:45:50	11.17	50.58	33.04	7.97	7.89	7.0	3.418	89.4
1	4/26/2013 14:00:50	11.43	50.61	33.07	7.93	7.91	8.3	3.425	89.5
2	4/26/2013 14:15:50	11.36	50.64	33.09	7.88	7.90	11.2	3.396	88.8
3	4/26/2013 14:30:51	11.28	50.70	33.13	7.90	7.91	8.1	3.354	88.9
4	4/26/2013 14:45:50	11.46	50.49	32.99	7.87	7.92	11.2	3.271	88.8
5	4/26/2013 15:00:50	12.48	50.13	32.77	8.28	7.97	16.9	3.188	95.3
6	4/26/2013 15:15:50	12.09	50.47	33.00	8.36	7.97	15.9	3.088	95.6
7	4/26/2013 15:30:50	12.84	50.12	32.78	8.22	7.99	21.4	2.971	95.3
8	4/26/2013 15:45:50	13.10	49.87	32.61	8.26	8.00	18.4	2.881	96.2
9	4/26/2013 16:00:50	13.23	50.04	32.74	8.23	8.01	19.1	2.780	96.2
10	4/26/2013 16:15:50	13.41	49.98	32.70	8.25	8.01	20.0	2.675	96.9
11	4/26/2013 16:30:50	13.47	49.94	32.68	8.54	8.03	16.7	2.584	100.3
12	4/26/2013 16:45:50	13.56	49.84	32.60	8.85	8.05	13.2	2.479	104.1
13	4/26/2013 17:00:50	13.97	49.76	32.56	8.76	8.06	14.3	2.387	103.9
14	4/26/2013 17:15:50	14.38	49.68	32.51	9.02	8.09	12.5	2.310	107.9
15	4/26/2013 17:30:50	14.51	49.70	32.53	8.86	8.10	13.0	2.215	106.1
16	4/26/2013 17:45:50	14.61	49.57	32.44	8.83	8.09	12.2	2.138	106.0
17	4/26/2013 18:00:50	14.76	49.58	32.45	8.89	8.10	11.2	2.071	107.1
18	4/26/2013 18:15:50	14.88	49.44	32.35	8.85	8.11	11.6	2.025	106.7
19	4/26/2013 18:30:50	14.97	49.60	32.47	9.00	8.12	11.3	1.996	108.8
20	4/26/2013 18:45:50	15.04	49.53	32.42	8.98	8.12	10.1	1.976	108.7
21	4/26/2013 19:00:50	14.98	49.46	32.37	8.83	8.11	9.5	1.982	106.8
22	4/26/2013 19:15:50	14.88	49.56	32.44	8.77	8.10	10.2	2.010	105.9
23	4/26/2013 19:30:50	14.87	49.37	32.30	8.64	8.09	10.3	2.070	104.2
24	4/26/2013 19:45:50	14.83	49.44	32.35	8.54	8.08	10.0	2.114	102.9
25	4/26/2013 20:00:50	14.70	49.60	32.47	8.43	8.07	11.6	2.205	101.4
26	4/26/2013 20:15:50	14.76	49.39	32.31	8.62	8.08	14.8	2.295	103.8
27	4/26/2013 20:30:50	14.52	49.58	32.44	8.44	8.06	13.2	2.376	101.2
28	4/26/2013 20:45:50	14.34	49.79	32.59	8.38	8.05	11.6	2.482	100.2
29	4/26/2013 21:00:50	13.94	49.80	32.59	8.33	8.03	12.6	2.567	98.7
30	4/26/2013 21:15:50	13.49	50.18	32.85	8.16	8.01	13.9	2.659	96.1
31	4/26/2013 21:30:50	13.18	50.31	32.93	8.02	7.99	10.9	2.750	93.9
32	4/26/2013 21:45:50	13.05	50.32	32.93	8.06	7.99	11.9	2.848	94.1
33	4/26/2013 22:00:50	12.92	50.44	33.01	8.07	7.99	11.9	2.941	94.0
34	4/26/2013 22:15:50	12.68	50.50	33.05	8.11	7.98	13.9	3.033	94.0
35	4/26/2013 22:30:50	12.38	50.50	33.04	8.09	7.97	15.9	3.143	93.1
36	4/26/2013 22:45:51	12.03	50.83	33.26	8.13	7.96	21.4	3.241	93.0
37	4/26/2013 23:00:50	11.55	50.97	33.34	8.18	7.95	19.8	3.352	92.7
38	4/26/2013 23:15:50	11.15	50.90	33.27	8.21	7.94	16.7	3.455	92.2
39	4/26/2013 23:30:50	10.79	51.11	33.39	8.22	7.93	15.8	3.565	91.7
40	4/26/2013 23:45:50	10.59	51.11	33.38	8.26	7.93	14.3	3.668	91.7
41	4/27/2013 0:00:50	10.42	51.39	33.58	8.27	7.93	9.5	3.758	91.7
42	4/27/2013 0:15:50	10.37	51.43	33.60	8.28	7.93	6.8	3.845	91.7
43	4/27/2013 0:30:50	10.21	51.50	33.64	8.27	7.93	6.6	3.912	91.3
44	4/27/2013 0:45:50	10.12	51.52	33.65	8.22	7.93	4.9	3.961	90.5
45	4/27/2013 1:00:50	10.05	51.49	33.62	8.15	7.93	3.6	4.002	89.6
46	4/27/2013 1:15:51	10.43	51.64	33.76	8.13	7.94	4.9	4.005	90.3
47	4/27/2013 1:30:50	10.50	51.33	33.54	8.04	7.93	7.7	3.994	89.2
48	4/27/2013 1:45:50	10.42	51.38	33.57	8.08	7.93	6.4	3.952	89.6
49	4/27/2013 2:00:50	10.44	51.40	33.59	8.11	7.93	8.4	3.868	90.0
50	4/27/2013 2:15:50	10.44	51.36	33.56	8.17	7.93	11.4	3.783	90.6
51	4/27/2013 2:30:51	10.42	51.46	33.63	8.19	7.94	12.0	3.657	90.8
52	4/27/2013 2:45:51	11.15	51.08	33.40	8.10	7.95	13.1	3.532	91.0

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
53	4/27/2013 3:00:50	11.66	50.84	33.25	8.02	7.97	22.8	3.405	91.0
54	4/27/2013 3:15:50	11.63	50.92	33.30	8.00	7.96	18.8	3.273	90.8
55	4/27/2013 3:30:50	11.70	50.89	33.29	8.02	7.96	22.3	3.134	91.1
56	4/27/2013 3:45:50	11.80	50.77	33.21	7.99	7.97	20.6	2.993	91.0
57	4/27/2013 4:00:50	12.20	50.60	33.10	7.88	7.97	23.8	2.853	90.4
58	4/27/2013 4:15:50	12.44	50.52	33.06	7.84	7.98	20.0	2.700	90.3
59	4/27/2013 4:30:50	12.06	50.64	33.13	7.85	7.96	18.0	2.561	89.9
60	4/27/2013 4:45:50	12.70	50.40	32.98	7.88	7.99	19.0	2.394	91.3
61	4/27/2013 5:00:50	12.39	50.48	33.02	7.87	7.98	17.9	2.234	90.6
62	4/27/2013 5:15:50	13.11	50.25	32.89	7.86	8.00	22.7	2.075	91.8
63	4/27/2013 5:30:50	13.47	49.94	32.67	7.83	8.02	25.3	1.910	92.0
64	4/27/2013 5:45:50	13.49	49.97	32.69	7.80	8.01	23.6	1.737	91.7
65	4/27/2013 6:00:50	13.67	49.93	32.68	7.78	8.02	23.8	1.552	91.8
66	4/27/2013 6:15:50	13.89	49.80	32.59	7.74	8.02	24.6	1.382	91.6
67	4/27/2013 6:30:50	13.92	49.76	32.55	7.70	8.02	22.2	1.222	91.3
68	4/27/2013 6:45:50	14.03	49.81	32.60	7.68	8.02	20.8	1.073	91.2
69	4/27/2013 7:00:50	14.06	49.81	32.60	7.60	8.02	21.9	0.948	90.3
70	4/27/2013 7:15:50	14.26	49.69	32.52	7.65	8.03	17.2	0.873	91.2
71	4/27/2013 7:30:50	14.31	49.65	32.48	7.56	8.03	17.9	0.863	90.2
72	4/27/2013 7:45:50	14.30	49.67	32.50	7.58	8.04	15.4	0.905	90.5
73	4/27/2013 8:00:50	14.57	49.57	32.44	7.60	8.05	14.8	0.993	91.1
74	4/27/2013 8:15:50	14.55	49.52	32.40	7.58	8.05	16.1	1.103	90.9
75	4/27/2013 8:30:50	14.62	49.57	32.44	7.60	8.06	15.3	1.186	91.3
76	4/27/2013 8:45:50	14.60	49.37	32.29	7.60	8.06	14.7	1.269	91.1
77	4/27/2013 9:00:50	14.55	49.35	32.28	7.51	8.04	16.3	1.349	90.0
78	4/27/2013 9:15:50	14.49	49.54	32.42	7.47	8.04	13.6	1.409	89.4
79	4/27/2013 9:30:50	14.44	49.16	32.13	7.47	8.02	17.5	1.492	89.2
80	4/27/2013 9:45:50	14.37	49.24	32.19	7.48	8.02	16.0	1.583	89.2
81	4/27/2013 10:00:50	14.26	49.48	32.36	7.45	8.02	15.8	1.674	88.8
82	4/27/2013 10:15:50	14.16	49.52	32.39	7.50	8.01	17.4	1.790	89.3
83	4/27/2013 10:30:50	14.09	49.58	32.43	7.57	8.02	16.9	1.893	90.0
84	4/27/2013 10:45:50	13.89	49.71	32.52	7.61	8.01	16.1	2.018	90.1
85	4/27/2013 11:00:50	13.72	49.97	32.70	7.71	8.01	18.6	2.139	91.1
86	4/27/2013 11:15:50	13.55	49.98	32.70	7.75	8.00	17.8	2.261	91.2
87	4/27/2013 11:30:50	13.46	49.96	32.69	7.77	8.00	17.0	2.385	91.2
88	4/27/2013 11:45:50	13.37	49.92	32.66	7.80	8.00	17.7	2.496	91.4
89	4/27/2013 12:00:50	13.26	50.12	32.80	7.81	7.99	17.5	2.602	91.4
90	4/27/2013 12:15:50	13.05	50.14	32.80	7.79	7.98	21.1	2.706	90.9
91	4/27/2013 12:30:50	12.81	50.33	32.93	7.79	7.97	22.4	2.799	90.4
92	4/27/2013 12:45:50	12.57	50.30	32.90	7.87	7.97	23.2	2.883	90.8
93	4/27/2013 13:00:50	12.12	50.62	33.11	7.86	7.96	24.7	2.971	90.0
94	4/27/2013 13:15:50	11.41	50.81	33.21	7.88	7.94	17.9	3.052	89.0
95	4/27/2013 13:30:50	11.23	50.82	33.21	7.88	7.94	14.6	3.120	88.7
96	4/27/2013 13:45:50	11.17	51.12	33.43	7.86	7.94	14.2	3.192	88.5
97	4/27/2013 14:00:51	11.06	51.22	33.49	7.86	7.94	12.2	3.254	88.3
98	4/27/2013 14:15:50	10.97	50.92	33.27	7.86	7.93	8.9	3.300	87.9
99	4/27/2013 14:30:51	10.88	51.20	33.47	7.81	7.93	6.4	3.333	87.3
100	4/27/2013 14:45:51	11.12	50.96	33.31	7.77	7.93	8.3	3.349	87.2
101	4/27/2013 15:00:51	11.01	51.22	33.49	7.69	7.92	7.9	3.339	86.2
102	4/27/2013 15:15:50	11.04	50.97	33.31	7.74	7.93	8.6	3.298	86.8
103	4/27/2013 15:30:50	11.12	51.12	33.43	7.75	7.93	10.1	3.229	87.1
104	4/27/2013 15:45:50	11.47	50.96	33.33	7.96	7.95	19.9	3.149	90.0
105	4/27/2013 16:00:50	11.98	50.99	33.38	8.35	7.99	24.4	3.072	95.5

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
106	4/27/2013 16:15:50	12.03	50.87	33.29	8.26	7.98	23.0	2.970	94.5
107	4/27/2013 16:30:50	12.36	50.67	33.16	8.35	7.99	26.1	2.867	96.1
108	4/27/2013 16:45:50	12.66	50.59	33.11	8.50	8.01	25.3	2.774	98.5
109	4/27/2013 17:00:50	13.03	50.27	32.90	8.28	8.01	25.8	2.687	96.5
110	4/27/2013 17:15:50	13.34	50.28	32.92	8.34	8.03	24.5	2.596	97.8
111	4/27/2013 17:30:50	13.39	50.21	32.87	8.55	8.03	23.6	2.505	100.3
112	4/27/2013 17:45:50	13.43	50.15	32.82	8.58	8.03	23.1	2.409	100.8
113	4/27/2013 18:00:50	13.53	50.35	32.97	8.77	8.06	22.9	2.323	103.4
114	4/27/2013 18:15:50	13.89	50.08	32.79	8.44	8.04	19.8	2.251	100.0
115	4/27/2013 18:30:50	14.38	49.90	32.67	8.84	8.09	16.4	2.172	105.8
116	4/27/2013 18:45:50	14.51	49.70	32.53	8.89	8.10	16.2	2.106	106.5
117	4/27/2013 19:00:50	14.45	49.80	32.60	9.11	8.12	16.1	2.065	109.1
118	4/27/2013 19:15:50	14.55	49.85	32.64	8.93	8.11	14.4	2.032	107.2
119	4/27/2013 19:30:50	14.58	49.67	32.51	8.81	8.10	12.2	2.024	105.8
120	4/27/2013 19:45:50	14.51	49.82	32.62	8.77	8.10	11.9	2.023	105.2
121	4/27/2013 20:00:50	14.50	49.66	32.50	8.75	8.09	11.9	2.057	104.9
122	4/27/2013 20:15:50	14.43	49.80	32.60	8.62	8.08	15.3	2.106	103.3
123	4/27/2013 20:30:50	14.43	49.67	32.50	8.54	8.07	14.4	2.169	102.2
124	4/27/2013 20:45:50	14.20	49.92	32.68	8.40	8.05	13.7	2.240	100.1
125	4/27/2013 21:00:50	14.30	49.81	32.61	8.44	8.05	14.2	2.319	100.8
126	4/27/2013 21:15:50	14.07	49.89	32.66	8.36	8.04	14.1	2.419	99.4
127	4/27/2013 21:30:50	13.89	50.06	32.77	8.30	8.03	12.6	2.500	98.4
128	4/27/2013 21:45:50	13.61	50.04	32.75	8.29	8.02	12.8	2.587	97.7
129	4/27/2013 22:00:50	13.29	50.22	32.87	8.18	8.00	13.9	2.674	95.8
130	4/27/2013 22:15:50	12.79	50.45	33.02	8.05	7.98	12.7	2.768	93.5
131	4/27/2013 22:30:50	12.62	50.58	33.10	8.06	7.98	12.5	2.850	93.3
132	4/27/2013 22:45:50	12.53	50.59	33.11	8.05	7.97	12.3	2.934	93.0
133	4/27/2013 23:00:50	12.40	50.63	33.13	8.05	7.97	12.5	3.036	92.8
134	4/27/2013 23:15:50	12.04	50.69	33.16	8.01	7.96	16.8	3.127	91.7
135	4/27/2013 23:30:50	11.74	50.79	33.22	7.97	7.95	20.2	3.223	90.7
136	4/27/2013 23:45:50	11.18	51.17	33.46	7.98	7.94	20.1	3.329	89.8
137	4/28/2013 0:00:50	10.88	51.19	33.46	7.96	7.93	18.9	3.431	89.0
138	4/28/2013 0:15:50	10.54	51.41	33.60	7.91	7.92	16.9	3.533	87.9
139	4/28/2013 0:30:50	10.35	51.20	33.43	7.91	7.92	13.1	3.631	87.4
140	4/28/2013 0:45:50	10.19	51.47	33.62	7.90	7.92	10.0	3.712	87.1
141	4/28/2013 1:00:50	10.11	51.32	33.51	7.91	7.92	6.8	3.798	87.0
142	4/28/2013 1:15:50	10.04	51.50	33.63	7.90	7.92	6.3	3.861	86.9
143	4/28/2013 1:30:50	10.03	51.51	33.64	7.89	7.92	3.9	3.907	86.7
144	4/28/2013 1:45:50	10.01	51.48	33.61	7.87	7.92	3.7	3.942	86.5
145	4/28/2013 2:00:51	10.49	51.45	33.62	7.82	7.93	7.0	3.950	86.8
146	4/28/2013 2:15:50	10.41	51.19	33.43	7.75	7.92	7.3	3.929	85.8
147	4/28/2013 2:30:50	10.16	51.46	33.61	7.83	7.91	7.4	3.883	86.3
148	4/28/2013 2:45:51	10.16	51.59	33.71	7.88	7.92	9.4	3.809	86.9
149	4/28/2013 3:00:51	10.09	51.52	33.65	7.89	7.92	13.5	3.716	86.8
150	4/28/2013 3:15:50	10.03	51.42	33.57	7.92	7.92	14.8	3.606	87.0
151	4/28/2013 3:30:51	11.05	51.11	33.41	7.88	7.94	19.0	3.488	88.4
152	4/28/2013 3:45:51	11.29	51.02	33.36	7.87	7.95	22.6	3.350	88.7
153	4/28/2013 4:00:50	11.35	50.91	33.28	7.83	7.94	22.9	3.225	88.4
154	4/28/2013 4:15:50	11.53	50.95	33.32	7.85	7.95	23.0	3.084	89.0
155	4/28/2013 4:30:51	11.67	50.87	33.27	7.80	7.94	21.1	2.955	88.6
156	4/28/2013 4:45:51	12.10	50.76	33.22	7.80	7.96	28.9	2.819	89.3
157	4/28/2013 5:00:50	11.75	50.88	33.29	7.81	7.95	21.7	2.672	88.9
158	4/28/2013 5:15:50	11.78	50.88	33.28	7.79	7.95	20.3	2.505	88.7

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
159	4/28/2013 5:30:50	12.48	50.38	32.95	7.84	7.97	23.4	2.351	90.4
160	4/28/2013 5:45:50	12.80	50.29	32.90	7.84	7.98	23.9	2.188	90.9
161	4/28/2013 6:00:50	12.60	50.29	32.89	7.86	7.97	26.0	2.025	90.8
162	4/28/2013 6:15:50	13.00	50.16	32.82	7.83	7.99	27.4	1.857	91.2
163	4/28/2013 6:30:50	13.18	50.16	32.82	7.79	7.99	33.0	1.681	91.0
164	4/28/2013 6:45:50	13.31	50.13	32.80	7.78	7.99	29.9	1.502	91.2
165	4/28/2013 7:00:50	13.43	50.16	32.84	7.74	7.99	26.7	1.333	91.0
166	4/28/2013 7:15:50	13.42	49.93	32.66	7.71	7.99	25.3	1.173	90.5
167	4/28/2013 7:30:50	13.71	49.88	32.64	7.66	7.99	35.7	1.025	90.4
168	4/28/2013 7:45:50	13.83	49.89	32.65	7.62	8.00	22.7	0.914	90.1
169	4/28/2013 8:00:50	13.74	49.94	32.68	7.58	7.99	21.9	0.838	89.5
170	4/28/2013 8:15:50	13.74	49.69	32.50	7.44	7.98	17.7	0.825	87.8
171	4/28/2013 8:30:50	14.00	49.73	32.54	7.62	8.01	18.0	0.871	90.4
172	4/28/2013 8:45:50	14.06	49.75	32.55	7.68	8.02	17.0	0.953	91.3
173	4/28/2013 9:00:50	14.10	49.68	32.50	7.64	8.02	19.2	1.051	90.8
174	4/28/2013 9:15:50	14.12	49.67	32.49	7.60	8.01	20.8	1.139	90.3
175	4/28/2013 9:30:50	14.17	49.56	32.42	7.57	8.01	19.8	1.200	90.0
176	4/28/2013 9:45:50	14.18	49.50	32.38	7.58	8.01	19.0	1.267	90.1
177	4/28/2013 10:00:50	14.00	49.75	32.55	7.50	8.00	15.3	1.336	89.0
178	4/28/2013 10:15:50	14.05	49.33	32.24	7.56	7.99	18.9	1.411	89.6
179	4/28/2013 10:30:50	14.01	49.41	32.30	7.53	7.98	19.2	1.496	89.3
180	4/28/2013 10:45:50	13.99	49.49	32.37	7.54	7.98	18.8	1.592	89.4
181	4/28/2013 11:00:50	13.73	49.70	32.51	7.52	7.98	18.3	1.697	88.7
182	4/28/2013 11:15:50	13.65	49.52	32.38	7.57	7.98	20.0	1.809	89.1
183	4/28/2013 11:30:50	13.58	49.88	32.64	7.59	7.97	18.9	1.924	89.3
184	4/28/2013 11:45:50	13.53	49.99	32.71	7.66	7.98	17.2	2.044	90.1
185	4/28/2013 12:00:50	13.36	50.04	32.74	7.75	7.98	19.5	2.162	90.8
186	4/28/2013 12:15:50	13.22	50.25	32.89	7.74	7.97	18.6	2.288	90.6
187	4/28/2013 12:30:50	13.22	50.28	32.91	7.76	7.97	17.6	2.392	90.9
188	4/28/2013 12:45:50	13.17	50.30	32.92	7.81	7.97	17.7	2.511	91.3
189	4/28/2013 13:00:50	13.08	50.30	32.92	7.85	7.97	18.6	2.612	91.6
190	4/28/2013 13:15:50	12.92	50.39	32.98	7.83	7.96	19.4	2.699	91.1
191	4/28/2013 13:30:50	12.64	50.52	33.06	7.87	7.95	20.7	2.794	91.1
192	4/28/2013 13:45:50	12.44	50.55	33.08	7.87	7.94	23.0	2.883	90.8
193	4/28/2013 14:00:50	11.81	50.85	33.26	7.84	7.93	23.4	2.958	89.3
194	4/28/2013 14:15:51	11.53	51.11	33.44	7.87	7.93	17.0	3.033	89.2
195	4/28/2013 14:30:50	11.43	51.08	33.42	7.87	7.93	15.0	3.099	89.0
196	4/28/2013 14:45:50	11.36	51.11	33.43	7.87	7.93	11.7	3.165	88.9
197	4/28/2013 15:00:50	11.29	51.12	33.43	7.87	7.93	9.0	3.213	88.8
198	4/28/2013 15:15:51	11.24	51.11	33.42	7.82	7.92	7.5	3.244	88.1
199	4/28/2013 15:30:51	11.17	51.19	33.48	7.69	7.92	5.2	3.279	86.5
200	4/28/2013 15:45:50	11.24	51.14	33.45	7.68	7.92	6.8	3.273	86.5
201	4/28/2013 16:00:51	11.19	51.19	33.48	7.67	7.92	7.0	3.248	86.3
202	4/28/2013 16:15:51	11.33	51.18	33.48	7.74	7.92	16.1	3.202	87.4
203	4/28/2013 16:30:50	11.83	50.98	33.36	8.19	7.95	24.7	3.146	93.4
204	4/28/2013 16:45:50	11.90	51.08	33.44	8.18	7.95	43.0	3.068	93.5
205	4/28/2013 17:00:50	11.94	50.62	33.10	8.19	7.94	51.3	2.986	93.5
206	4/28/2013 17:15:50	11.96	50.95	33.34	8.20	7.94	48.4	2.889	93.8
207	4/28/2013 17:30:50	12.59	50.54	33.07	8.12	7.95	85.1	2.807	93.9
208	4/28/2013 17:45:50	12.90	50.62	33.14	8.11	7.96	58.1	2.723	94.5
209	4/28/2013 18:00:50	13.10	50.40	33.00	8.12	7.96	70.8	2.626	94.9
210	4/28/2013 18:15:50	13.21	50.53	33.10	8.10	7.96	86.1	2.539	95.0
211	4/28/2013 18:30:50	13.32	50.40	33.01	8.10	7.96	74.4	2.456	95.1

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
212	4/28/2013 18:45:50	13.58	50.45	33.05	8.21	7.98	56.2	2.379	96.8
213	4/28/2013 19:00:50	13.89	50.23	32.90	8.11	7.98	55.4	2.304	96.3
214	4/28/2013 19:15:50	14.04	50.13	32.83	8.15	7.99	50.7	2.224	97.0
215	4/28/2013 19:30:50	14.05	50.15	32.84	8.15	7.99	45.4	2.170	97.0
216	4/28/2013 19:45:50	14.24	49.99	32.74	8.22	8.01	38.3	2.129	98.1
217	4/28/2013 20:00:50	14.26	50.10	32.81	8.08	7.99	34.8	2.086	96.5
218	4/28/2013 20:15:50	14.47	50.05	32.78	8.08	8.00	30.8	2.073	96.9
219	4/28/2013 20:30:50	14.62	49.84	32.64	8.07	8.00	24.9	2.085	97.1
220	4/28/2013 20:45:50	14.47	49.75	32.56	7.92	7.99	23.6	2.105	94.9
221	4/28/2013 21:00:50	14.65	49.65	32.50	8.05	8.00	23.1	2.130	96.8
222	4/28/2013 21:15:50	14.60	49.61	32.47	8.06	8.00	26.9	2.193	96.7
223	4/28/2013 21:30:50	14.62	49.59	32.46	8.04	7.99	30.5	2.257	96.6
224	4/28/2013 21:45:50	14.31	49.96	32.72	7.96	7.97	34.4	2.333	95.1
225	4/28/2013 22:00:50	14.60	49.75	32.57	8.00	7.98	39.9	2.411	96.1
226	4/28/2013 22:15:50	14.26	50.06	32.79	7.94	7.97	33.6	2.495	94.9
227	4/28/2013 22:30:50	14.07	50.07	32.79	7.97	7.96	38.5	2.580	94.8
228	4/28/2013 22:45:50	13.65	50.10	32.80	7.95	7.95	35.4	2.662	93.8
229	4/28/2013 23:00:50	13.13	50.41	33.00	7.97	7.95	39.9	2.738	93.1
230	4/28/2013 23:15:50	12.81	50.44	33.01	7.95	7.94	36.3	2.821	92.3
231	4/28/2013 23:30:50	12.46	50.74	33.21	7.93	7.94	24.7	2.909	91.5
232	4/28/2013 23:45:50	12.41	50.57	33.09	7.92	7.93	22.9	2.992	91.2
233	4/29/2013 0:00:51	11.91	50.95	33.34	7.84	7.92	26.7	3.085	89.5
234	4/29/2013 0:15:50	11.58	51.11	33.44	7.77	7.91	32.1	3.171	88.2
235	4/29/2013 0:30:51	11.23	51.17	33.47	7.76	7.91	29.1	3.273	87.4
236	4/29/2013 0:45:51	10.91	51.41	33.62	7.70	7.90	22.6	3.369	86.3
237	4/29/2013 1:00:50	10.66	51.24	33.48	7.69	7.90	18.3	3.455	85.6
238	4/29/2013 1:15:51	10.45	51.51	33.66	7.69	7.90	15.4	3.551	85.4
239	4/29/2013 1:30:50	10.28	51.43	33.59	7.72	7.90	10.6	3.630	85.3
240	4/29/2013 1:45:51	10.23	51.47	33.62	7.72	7.90	7.9	3.704	85.2
241	4/29/2013 2:00:51	10.13	51.72	33.80	7.73	7.90	6.3	3.760	85.3
242	4/29/2013 2:15:51	10.09	51.45	33.60	7.70	7.90	6.8	3.801	84.8
243	4/29/2013 2:30:50	10.10	51.43	33.58	7.68	7.90	3.6	3.841	84.5
244	4/29/2013 2:45:50	10.59	51.43	33.62	7.63	7.90	6.8	3.847	84.9
245	4/29/2013 3:00:50	10.36	51.31	33.52	7.53	7.89	7.0	3.834	83.3
246	4/29/2013 3:15:50	10.49	51.39	33.58	7.56	7.90	9.7	3.800	83.9
247	4/29/2013 3:30:51	10.49	51.43	33.61	7.62	7.90	14.1	3.727	84.6
248	4/29/2013 3:45:50	10.55	51.41	33.60	7.60	7.90	12.8	3.653	84.5
249	4/29/2013 4:00:50	10.55	51.30	33.52	7.66	7.91	16.4	3.542	85.0
250	4/29/2013 4:15:50	10.68	51.28	33.52	7.64	7.91	16.9	3.434	85.1
251	4/29/2013 4:30:51	11.35	51.09	33.41	7.60	7.91	39.0	3.306	85.9
252	4/29/2013 4:45:50	11.38	51.07	33.40	7.57	7.91	34.6	3.185	85.5
253	4/29/2013 5:00:50	11.59	51.05	33.40	7.54	7.91	26.1	3.067	85.5
254	4/29/2013 5:15:50	12.13	50.76	33.21	7.57	7.92	26.5	2.922	86.8
255	4/29/2013 5:30:50	12.18	50.87	33.30	7.52	7.91	33.4	2.804	86.3
256	4/29/2013 5:45:51	11.80	50.93	33.32	7.56	7.91	28.0	2.668	86.1
257	4/29/2013 6:00:50	12.49	50.54	33.07	7.61	7.93	29.6	2.511	87.9
258	4/29/2013 6:15:51	12.18	50.77	33.22	7.59	7.92	43.2	2.371	87.1
259	4/29/2013 6:30:50	12.32	50.41	32.97	7.59	7.92	36.5	2.201	87.2
260	4/29/2013 6:45:50	12.82	50.31	32.92	7.62	7.94	41.9	2.057	88.5
261	4/29/2013 7:00:50	13.14	50.32	32.94	7.59	7.94	49.3	1.889	88.8
262	4/29/2013 7:15:50	13.17	50.25	32.89	7.60	7.94	51.2	1.714	88.9
263	4/29/2013 7:30:50	13.52	50.08	32.78	7.57	7.95	49.9	1.550	89.0
264	4/29/2013 7:45:50	13.60	49.90	32.65	7.56	7.95	43.5	1.378	89.0

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	4/29/2013 8:00:50	13.73	50.15	32.83	7.51	7.95	45.6	1.238	88.8
266	4/29/2013 8:15:50	13.78	50.10	32.80	7.50	7.95	35.2	1.107	88.7
267	4/29/2013 8:30:50	13.99	49.92	32.68	7.43	7.96	36.8	0.985	88.3
268	4/29/2013 8:45:50	14.35	49.93	32.70	7.41	7.98	32.3	0.904	88.6
269	4/29/2013 9:00:50	14.06	50.02	32.75	7.29	7.95	25.5	0.878	86.7
270	4/29/2013 9:15:50	14.38	49.91	32.68	7.36	7.97	25.8	0.893	88.1
271	4/29/2013 9:30:50	14.28	49.94	32.70	7.39	7.96	22.3	0.921	88.3
272	4/29/2013 9:45:50	14.37	49.76	32.57	7.45	7.97	22.5	1.030	89.1
273	4/29/2013 10:00:50	14.44	49.90	32.68	7.39	7.97	25.2	1.097	88.6
274	4/29/2013 10:15:50	14.35	49.92	32.68	7.21	7.96	25.0	1.172	86.3
275	4/29/2013 10:30:50	14.23	49.94	32.70	7.28	7.96	21.4	1.250	86.8
276	4/29/2013 10:45:50	14.17	49.90	32.67	7.26	7.95	23.5	1.312	86.5
277	4/29/2013 11:00:50	14.17	49.89	32.66	7.28	7.95	21.1	1.389	86.8
278	4/29/2013 11:15:50	14.36	49.74	32.56	7.32	7.95	24.1	1.466	87.5
279	4/29/2013 11:30:50	14.30	49.73	32.54	7.24	7.94	23.1	1.545	86.4
280	4/29/2013 11:45:50	14.35	49.72	32.54	7.37	7.94	21.9	1.650	88.1
281	4/29/2013 12:00:50	14.05	49.87	32.64	7.32	7.94	22.1	1.754	87.0
282	4/29/2013 12:15:50	13.90	49.91	32.67	7.32	7.93	23.7	1.856	86.8
283	4/29/2013 12:30:50	13.64	50.17	32.85	7.42	7.93	27.5	1.974	87.6
284	4/29/2013 12:45:50	13.56	50.08	32.78	7.48	7.93	32.5	2.086	88.1
285	4/29/2013 13:00:50	13.57	50.17	32.85	7.59	7.93	31.7	2.201	89.5
286	4/29/2013 13:15:50	13.46	50.29	32.93	7.59	7.93	31.1	2.314	89.3
287	4/29/2013 13:30:51	13.36	50.38	32.99	7.59	7.93	27.2	2.422	89.1
288	4/29/2013 13:45:50	13.33	50.35	32.97	7.62	7.93	30.7	2.528	89.4
289	4/29/2013 14:00:50	13.18	50.32	32.94	7.63	7.93	34.3	2.621	89.3
290	4/29/2013 14:15:50	13.02	50.48	33.05	7.62	7.92	32.6	2.715	89.0
291	4/29/2013 14:30:50	12.82	50.44	33.01	7.67	7.92	31.1	2.804	89.1
292	4/29/2013 14:45:50	12.53	50.59	33.11	7.73	7.92	37.2	2.878	89.3
293	4/29/2013 15:00:51	12.12	50.79	33.24	7.82	7.92	31.6	2.947	89.6
294	4/29/2013 15:15:50	11.88	50.89	33.30	7.93	7.92	23.4	3.023	90.4
295	4/29/2013 15:30:51	11.72	51.05	33.41	7.95	7.93	15.5	3.092	90.5
296	4/29/2013 15:45:50	11.67	50.97	33.35	7.91	7.92	12.6	3.135	89.9
297	4/29/2013 16:00:51	11.65	51.14	33.46	7.89	7.93	9.7	3.169	89.6
298	4/29/2013 16:15:51	11.66	51.10	33.44	7.83	7.92	9.2	3.207	89.1
299	4/29/2013 16:30:50	11.81	50.81	33.24	7.80	7.92	14.5	3.221	88.9
300	4/29/2013 16:45:50	11.80	50.96	33.35	7.81	7.92	17.3	3.208	89.0
301	4/29/2013 17:00:50	12.08	50.87	33.30	8.13	7.94	24.6	3.181	93.1
302	4/29/2013 17:15:51	12.12	51.06	33.43	8.36	7.95	63.2	3.122	95.9
303	4/29/2013 17:30:51	12.21	50.98	33.38	8.21	7.95	44.6	3.068	94.4
304	4/29/2013 17:45:50	12.24	50.89	33.32	8.05	7.93	60.4	2.999	92.6
305	4/29/2013 18:00:50	12.21	50.88	33.30	8.02	7.93	59.8	2.906	92.2
306	4/29/2013 18:15:50	12.25	51.02	33.41	8.11	7.93	50.9	2.827	93.4
307	4/29/2013 18:30:50	12.65	50.72	33.21	8.20	7.94	49.8	2.738	95.0
308	4/29/2013 18:45:50	12.79	50.84	33.30	8.08	7.94	65.8	2.659	93.9
309	4/29/2013 19:00:51	13.16	50.72	33.23	7.95	7.93	71.9	2.579	93.2
310	4/29/2013 19:15:50	13.58	50.20	32.86	7.92	7.93	51.0	2.503	93.3
311	4/29/2013 19:30:50	13.85	50.00	32.73	7.88	7.94	46.3	2.429	93.3
312	4/29/2013 19:45:50	13.81	50.20	32.87	7.87	7.94	44.5	2.350	93.2
313	4/29/2013 20:00:50	14.16	50.07	32.79	7.87	7.94	37.9	2.295	93.9
314	4/29/2013 20:15:50	14.15	50.26	32.93	7.82	7.94	35.5	2.231	93.3
315	4/29/2013 20:30:50	14.39	50.02	32.76	7.74	7.94	30.9	2.194	92.7
316	4/29/2013 20:45:50	14.41	49.91	32.68	7.71	7.94	30.5	2.155	92.4
317	4/29/2013 21:00:50	14.47	50.06	32.79	7.68	7.94	27.7	2.124	92.1

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
318	4/29/2013 21:15:50	14.59	49.88	32.66	7.68	7.94	26.2	2.136	92.3
319	4/29/2013 21:30:50	14.52	50.04	32.78	7.45	7.92	26.0	2.129	89.5
320	4/29/2013 21:45:51	14.59	50.04	32.78	7.61	7.94	27.3	2.160	91.5
321	4/29/2013 22:00:50	14.45	50.00	32.75	7.58	7.93	29.1	2.198	90.9
322	4/29/2013 22:15:50	14.42	50.02	32.77	7.59	7.93	25.7	2.245	91.0
323	4/29/2013 22:30:50	14.38	50.05	32.78	7.58	7.93	27.9	2.311	90.7
324	4/29/2013 22:45:50	14.44	50.01	32.76	7.61	7.93	31.3	2.358	91.3
325	4/29/2013 23:00:50	14.37	50.01	32.75	7.58	7.93	27.4	2.436	90.7
326	4/29/2013 23:15:50	14.22	50.09	32.81	7.62	7.92	35.6	2.512	90.9
327	4/29/2013 23:30:50	13.67	50.29	32.94	7.67	7.91	42.4	2.587	90.6
328	4/29/2013 23:45:50	13.41	50.31	32.94	7.68	7.91	24.6	2.650	90.2
329	4/30/2013 0:00:50	12.87	50.57	33.11	7.77	7.91	29.1	2.723	90.4
330	4/30/2013 0:15:50	12.59	50.48	33.03	7.83	7.91	32.7	2.800	90.6
331	4/30/2013 0:30:50	12.41	50.74	33.22	7.88	7.91	32.0	2.877	90.8
332	4/30/2013 0:45:50	12.18	50.74	33.20	7.92	7.91	25.3	2.960	90.9
333	4/30/2013 1:00:51	11.95	51.04	33.41	7.92	7.91	26.5	3.034	90.5
334	4/30/2013 1:15:50	11.49	51.03	33.38	7.99	7.91	30.9	3.120	90.5
335	4/30/2013 1:30:50	11.44	50.98	33.34	8.00	7.91	28.5	3.211	90.4
336	4/30/2013 1:45:51	11.18	51.08	33.40	8.10	7.92	29.4	3.286	91.1
337	4/30/2013 2:00:51	11.02	51.33	33.57	8.13	7.92	24.5	3.377	91.3
338	4/30/2013 2:15:51	10.89	51.34	33.57	8.14	7.92	18.9	3.449	91.1
339	4/30/2013 2:30:51	10.72	51.34	33.56	8.16	7.92	14.1	3.515	91.0
340	4/30/2013 2:45:50	10.56	51.25	33.49	8.20	7.92	11.9	3.575	91.0
341	4/30/2013 3:00:51	10.35	51.48	33.64	8.23	7.91	8.1	3.618	91.0
342	4/30/2013 3:15:50	10.27	51.46	33.62	8.22	7.91	6.2	3.656	90.9
343	4/30/2013 3:30:50	10.43	51.62	33.75	8.10	7.91	6.3	3.670	89.8
344	4/30/2013 3:45:50	10.43	51.45	33.62	8.06	7.91	9.4	3.673	89.4
345	4/30/2013 4:00:50	10.44	51.45	33.62	8.04	7.91	9.6	3.637	89.1
346	4/30/2013 4:15:50	10.55	51.30	33.52	8.07	7.91	18.3	3.590	89.6
347	4/30/2013 4:30:51	10.52	51.39	33.58	8.13	7.91	17.5	3.531	90.2
348	4/30/2013 4:45:50	10.62	51.26	33.50	8.11	7.91	16.6	3.440	90.2
349	4/30/2013 5:00:51	10.41	51.50	33.66	8.14	7.91	21.0	3.349	90.3
350	4/30/2013 5:15:51	11.30	51.09	33.41	7.89	7.91	27.1	3.233	89.0
351	4/30/2013 5:30:51	11.51	51.08	33.42	7.84	7.91	28.5	3.133	88.9
352	4/30/2013 5:45:50	11.63	50.77	33.20	7.80	7.91	28.7	3.029	88.5
353	4/30/2013 6:00:50	11.94	50.72	33.18	7.67	7.90	38.3	2.907	87.5
354	4/30/2013 6:15:51	12.12	50.80	33.24	7.63	7.90	34.2	2.791	87.4
355	4/30/2013 6:30:50	11.74	50.90	33.30	7.70	7.90	37.9	2.665	87.6
356	4/30/2013 6:45:51	12.20	50.84	33.27	7.69	7.91	31.1	2.534	88.3
357	4/30/2013 7:00:51	12.16	50.80	33.24	7.69	7.91	36.6	2.404	88.2
358	4/30/2013 7:15:51	11.88	50.80	33.23	7.76	7.91	31.3	2.258	88.5
359	4/30/2013 7:30:51	12.30	50.65	33.15	7.75	7.91	36.4	2.109	89.1
360	4/30/2013 7:45:51	12.64	50.51	33.06	7.66	7.92	44.0	1.966	88.7
361	4/30/2013 8:00:50	12.83	50.38	32.97	7.69	7.92	45.7	1.826	89.3
362	4/30/2013 8:15:50	13.14	50.37	32.97	7.53	7.92	50.3	1.659	88.0
363	4/30/2013 8:30:50	13.33	50.37	32.98	7.46	7.91	44.6	1.502	87.6
364	4/30/2013 8:45:51	13.45	50.35	32.97	7.43	7.92	41.2	1.372	87.4
365	4/30/2013 9:00:50	13.57	50.20	32.87	7.40	7.92	49.0	1.239	87.2
366	4/30/2013 9:15:50	13.61	50.16	32.84	7.39	7.91	35.1	1.132	87.1
367	4/30/2013 9:30:50	13.71	50.18	32.86	7.34	7.91	36.8	1.019	86.8
368	4/30/2013 9:45:50	13.82	50.19	32.87	7.30	7.91	32.6	0.971	86.5
369	4/30/2013 10:00:50	13.73	50.22	32.88	7.35	7.91	28.2	0.962	86.9
370	4/30/2013 10:15:50	13.67	49.99	32.72	7.35	7.91	26.3	0.982	86.7

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	4/30/2013 10:30:50	13.71	50.25	32.91	7.30	7.91	27.2	1.049	86.4
372	4/30/2013 10:45:50	13.72	50.13	32.82	7.26	7.91	27.7	1.128	85.8
373	4/30/2013 11:00:50	13.78	50.15	32.84	7.22	7.91	27.5	1.179	85.5
374	4/30/2013 11:15:50	13.85	50.03	32.75	7.19	7.91	22.0	1.240	85.1
375	4/30/2013 11:30:50	13.85	50.12	32.82	7.20	7.91	21.9	1.307	85.4
376	4/30/2013 11:45:50	13.84	50.00	32.73	7.18	7.91	26.1	1.363	85.0
377	4/30/2013 12:00:50	13.78	50.13	32.82	7.15	7.90	22.9	1.417	84.6
378	4/30/2013 12:15:50	13.77	49.98	32.71	7.20	7.90	22.0	1.515	85.1
379	4/30/2013 12:30:50	13.85	49.99	32.72	7.17	7.90	26.4	1.596	85.0
380	4/30/2013 12:45:50	13.94	49.87	32.64	7.23	7.91	24.7	1.680	85.8
381	4/30/2013 13:00:50	14.11	49.78	32.58	7.37	7.92	29.6	1.791	87.6
382	4/30/2013 13:15:50	13.86	50.14	32.83	7.27	7.90	24.6	1.888	86.2
383	4/30/2013 13:30:50	13.86	50.08	32.79	7.34	7.90	20.6	2.007	87.0
384	4/30/2013 13:45:50	13.25	50.33	32.95	7.34	7.89	32.5	2.102	86.0
385	4/30/2013 14:00:50	13.20	50.35	32.96	7.41	7.89	35.5	2.218	86.8
386	4/30/2013 14:15:50	13.22	50.42	33.02	7.53	7.90	37.3	2.321	88.2
387	4/30/2013 14:30:51	13.07	50.50	33.07	7.56	7.90	31.6	2.416	88.3
388	4/30/2013 14:45:51	13.00	50.56	33.10	7.55	7.89	35.8	2.511	88.1
389	4/30/2013 15:00:50	12.93	50.46	33.03	7.58	7.89	39.4	2.603	88.2
390	4/30/2013 15:15:50	12.80	50.51	33.07	7.63	7.89	37.9	2.686	88.6
391	4/30/2013 15:30:50	12.65	50.58	33.11	7.63	7.89	35.8	2.760	88.3
392	4/30/2013 15:45:51	12.56	50.66	33.16	7.67	7.89	27.5	2.831	88.7
393	4/30/2013 16:00:50	12.34	50.52	33.05	7.77	7.89	27.5	2.899	89.4
394	4/30/2013 16:15:50	12.13	50.82	33.26	7.95	7.90	24.2	2.968	91.2
395	4/30/2013 16:30:50	11.88	50.56	33.06	8.09	7.90	17.8	3.024	92.2
396	4/30/2013 16:45:50	11.73	51.02	33.39	8.14	7.90	15.2	3.063	92.7
397	4/30/2013 17:00:51	11.61	51.13	33.46	8.15	7.90	12.4	3.102	92.6
398	4/30/2013 17:15:51	11.61	51.15	33.47	8.13	7.91	10.8	3.132	92.3
399	4/30/2013 17:30:51	11.94	51.07	33.43	8.06	7.91	16.4	3.124	92.2
400	4/30/2013 17:45:51	12.29	50.89	33.32	8.23	7.92	41.3	3.108	94.7
401	4/30/2013 18:00:50	12.05	50.90	33.32	8.32	7.93	43.7	3.085	95.3
402	4/30/2013 18:15:51	11.83	51.06	33.42	8.40	7.92	50.4	3.034	95.8
403	4/30/2013 18:30:50	11.72	50.83	33.25	8.43	7.92	59.6	2.973	95.8
404	4/30/2013 18:45:50	11.72	50.83	33.24	8.41	7.92	41.3	2.918	95.6
405	4/30/2013 19:00:50	11.58	50.90	33.29	8.44	7.92	50.0	2.851	95.6
406	4/30/2013 19:15:51	12.01	51.00	33.38	8.29	7.93	68.3	2.774	94.9
407	4/30/2013 19:30:51	12.19	50.87	33.30	8.26	7.93	65.5	2.697	94.9
408	4/30/2013 19:45:51	12.00	50.86	33.28	8.25	7.92	71.0	2.629	94.4
409	4/30/2013 20:00:51	12.15	50.78	33.23	8.16	7.91	101.9	2.557	93.6
410	4/30/2013 20:15:51	12.22	50.68	33.16	8.15	7.91	95.8	2.491	93.6
411	4/30/2013 20:30:51	12.32	50.64	33.13	8.12	7.91	77.2	2.419	93.5
412	4/30/2013 20:45:51	12.39	50.53	33.06	8.16	7.92	55.7	2.351	93.9
413	4/30/2013 21:00:51	12.59	50.62	33.14	8.12	7.92	49.9	2.296	93.9
414	4/30/2013 21:15:51	12.73	50.52	33.07	8.08	7.92	44.5	2.219	93.8
415	4/30/2013 21:30:51	12.84	50.47	33.03	8.06	7.92	43.5	2.189	93.7
416	4/30/2013 21:45:50	13.18	50.41	33.00	7.98	7.92	36.9	2.148	93.4
417	4/30/2013 22:00:50	13.59	50.31	32.95	7.88	7.92	30.8	2.118	93.0
418	4/30/2013 22:15:50	13.76	49.96	32.70	7.78	7.92	30.1	2.110	91.9
419	4/30/2013 22:30:50	13.75	50.26	32.91	7.59	7.91	28.3	2.116	89.8
420	4/30/2013 22:45:50	13.71	50.18	32.85	7.69	7.91	31.9	2.126	90.8
421	4/30/2013 23:00:50	13.65	49.88	32.64	7.79	7.91	35.8	2.160	91.9
422	4/30/2013 23:15:50	13.59	50.16	32.84	7.75	7.90	39.8	2.198	91.4
423	4/30/2013 23:30:50	13.33	50.33	32.95	7.76	7.91	32.8	2.246	91.1

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	4/30/2013 23:45:50	13.24	50.28	32.91	7.72	7.90	34.5	2.292	90.4
425	5/1/2013 0:00:50	13.60	50.09	32.78	7.75	7.92	44.8	2.347	91.3
426	5/1/2013 0:15:50	13.55	50.11	32.80	7.75	7.92	40.8	2.418	91.2
427	5/1/2013 0:30:50	13.24	50.23	32.88	7.78	7.90	39.4	2.479	91.1
428	5/1/2013 0:45:50	13.10	50.33	32.95	7.76	7.90	37.7	2.548	90.7
429	5/1/2013 1:00:50	12.92	50.33	32.94	7.82	7.90	32.7	2.614	90.9
430	5/1/2013 1:15:50	12.44	50.49	33.04	7.95	7.90	32.8	2.686	91.6
431	5/1/2013 1:30:50	12.01	50.82	33.25	8.07	7.90	41.2	2.750	92.3
432	5/1/2013 1:45:51	11.82	50.91	33.31	8.12	7.90	32.9	2.822	92.5
433	5/1/2013 2:00:50	11.76	50.92	33.31	8.15	7.90	33.1	2.893	92.8
434	5/1/2013 2:15:51	11.68	50.96	33.34	8.15	7.90	27.6	2.962	92.6
435	5/1/2013 2:30:51	11.38	51.15	33.46	8.20	7.89	36.5	3.039	92.6
436	5/1/2013 2:45:50	11.29	50.87	33.25	8.23	7.89	31.6	3.101	92.7
437	5/1/2013 3:00:51	11.20	51.09	33.41	8.23	7.89	27.2	3.172	92.6
438	5/1/2013 3:15:51	10.86	51.26	33.51	8.32	7.88	24.5	3.248	93.0
439	5/1/2013 3:30:51	10.68	51.35	33.57	8.32	7.88	22.0	3.304	92.7
440	5/1/2013 3:45:51	10.61	51.25	33.49	8.32	7.88	12.9	3.355	92.6
441	5/1/2013 4:00:50	10.49	51.12	33.39	8.31	7.88	10.0	3.407	92.1
442	5/1/2013 4:15:51	10.46	51.31	33.52	8.29	7.87	9.0	3.436	91.9
443	5/1/2013 4:30:50	10.77	50.79	33.16	8.16	7.87	13.4	3.443	90.8
444	5/1/2013 4:45:50	10.56	51.33	33.54	8.16	7.87	11.3	3.441	90.7
445	5/1/2013 5:00:51	10.59	51.23	33.47	8.16	7.87	12.6	3.418	90.6
446	5/1/2013 5:15:50	10.45	51.09	33.36	8.18	7.87	13.9	3.376	90.6
447	5/1/2013 5:30:51	11.55	50.86	33.26	7.77	7.88	31.4	3.317	88.0
448	5/1/2013 5:45:51	11.31	51.07	33.40	7.96	7.89	26.7	3.235	89.8
449	5/1/2013 6:00:51	10.92	51.13	33.42	8.09	7.88	25.7	3.156	90.6
450	5/1/2013 6:15:51	11.22	51.11	33.42	8.06	7.89	44.8	3.065	90.7
451	5/1/2013 6:30:50	11.41	50.80	33.21	7.94	7.88	34.1	2.965	89.7
452	5/1/2013 6:45:50	11.70	50.81	33.23	7.80	7.88	42.8	2.872	88.6
453	5/1/2013 7:00:50	11.81	50.62	33.10	7.74	7.88	40.5	2.770	88.1
454	5/1/2013 7:15:51	11.75	50.86	33.27	7.70	7.88	36.7	2.663	87.6
455	5/1/2013 7:30:51	11.65	50.90	33.29	7.90	7.89	32.9	2.543	89.7
456	5/1/2013 7:45:50	11.71	50.77	33.20	7.96	7.89	35.7	2.428	90.5
457	5/1/2013 8:00:51	11.81	50.77	33.21	7.93	7.90	42.3	2.314	90.3
458	5/1/2013 8:15:50	11.88	50.71	33.16	8.11	7.91	39.6	2.187	92.4
459	5/1/2013 8:30:50	11.98	50.70	33.17	8.10	7.92	44.9	2.059	92.6
460	5/1/2013 8:45:50	12.31	50.70	33.18	8.11	7.92	45.9	1.922	93.3
461	5/1/2013 9:00:50	12.47	50.57	33.09	8.09	7.92	47.8	1.784	93.4
462	5/1/2013 9:15:51	12.60	50.65	33.16	7.94	7.92	46.6	1.666	91.9
463	5/1/2013 9:30:51	12.67	50.65	33.16	7.77	7.91	46.4	1.533	90.0
464	5/1/2013 9:45:51	12.79	50.54	33.08	7.76	7.91	39.0	1.425	90.1
465	5/1/2013 10:00:51	12.91	50.53	33.08	7.69	7.91	35.4	1.322	89.6
466	5/1/2013 10:15:51	12.94	50.46	33.03	7.66	7.91	28.2	1.234	89.2
467	5/1/2013 10:30:50	13.14	50.45	33.03	7.67	7.92	24.9	1.186	89.6
468	5/1/2013 10:45:51	13.28	50.47	33.06	7.65	7.92	21.6	1.163	89.7
469	5/1/2013 11:00:50	13.30	50.35	32.97	7.58	7.91	20.9	1.158	89.0
470	5/1/2013 11:15:51	13.49	50.43	33.03	7.60	7.92	19.1	1.168	89.5
471	5/1/2013 11:30:50	13.29	50.43	33.02	7.65	7.92	19.0	1.226	89.7
472	5/1/2013 11:45:50	13.20	50.27	32.90	7.60	7.91	21.4	1.271	88.9
473	5/1/2013 12:00:50	13.18	50.12	32.80	7.51	7.91	23.2	1.307	87.7
474	5/1/2013 12:15:50	13.13	50.29	32.92	7.40	7.91	20.5	1.368	86.4
475	5/1/2013 12:30:50	13.07	50.36	32.96	7.45	7.90	18.9	1.420	87.0
476	5/1/2013 12:45:51	12.99	50.48	33.05	7.41	7.90	20.2	1.483	86.4

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	5/1/2013 13:00:50	13.04	50.32	32.94	7.48	7.90	20.6	1.547	87.2
478	5/1/2013 13:15:51	13.07	50.44	33.03	7.49	7.89	22.8	1.630	87.5
479	5/1/2013 13:30:50	12.97	50.21	32.85	7.45	7.89	21.0	1.716	86.7
480	5/1/2013 13:45:50	12.95	50.16	32.81	7.44	7.89	23.8	1.800	86.5
481	5/1/2013 14:00:50	12.88	50.18	32.83	7.44	7.89	31.0	1.885	86.4
482	5/1/2013 14:15:50	12.75	50.43	33.00	7.50	7.88	37.3	1.995	86.9
483	5/1/2013 14:30:51	12.55	50.49	33.04	7.64	7.88	36.8	2.090	88.3
484	5/1/2013 14:45:50	12.52	50.38	32.95	7.71	7.88	41.9	2.186	88.9
485	5/1/2013 15:00:51	12.50	50.67	33.17	7.76	7.88	37.2	2.302	89.7
486	5/1/2013 15:15:51	12.47	50.70	33.19	7.77	7.88	37.4	2.389	89.7
487	5/1/2013 15:30:51	12.45	50.64	33.14	7.78	7.88	37.4	2.475	89.8
488	5/1/2013 15:45:50	12.46	50.54	33.07	7.81	7.88	34.5	2.566	90.1
489	5/1/2013 16:00:50	12.41	50.49	33.03	7.82	7.88	36.7	2.663	90.1
490	5/1/2013 16:15:51	12.35	50.78	33.24	7.84	7.88	37.8	2.735	90.3
491	5/1/2013 16:30:51	12.28	50.81	33.26	7.89	7.88	36.6	2.803	90.8
492	5/1/2013 16:45:51	12.20	50.80	33.25	7.93	7.88	29.1	2.878	91.0
493	5/1/2013 17:00:51	12.09	50.74	33.20	8.01	7.88	26.7	2.937	91.7
494	5/1/2013 17:15:51	11.91	50.76	33.20	8.05	7.87	26.9	3.004	91.8
495	5/1/2013 17:30:51	11.67	50.91	33.30	8.19	7.87	22.2	3.056	93.1
496	5/1/2013 17:45:51	11.46	50.99	33.35	8.31	7.87	16.8	3.095	94.0
497	5/1/2013 18:00:51	11.37	51.14	33.45	8.32	7.87	14.5	3.135	94.0
498	5/1/2013 18:15:51	11.24	51.26	33.54	8.30	7.87	11.1	3.167	93.5
499	5/1/2013 18:30:50	11.84	50.80	33.23	8.24	7.88	19.3	3.183	93.8
500	5/1/2013 18:45:51	11.46	51.00	33.36	8.24	7.88	18.3	3.178	93.2
501	5/1/2013 19:00:51	11.90	50.90	33.31	8.27	7.89	26.5	3.165	94.4
502	5/1/2013 19:15:51	11.71	51.00	33.37	8.34	7.89	32.9	3.128	94.9
503	5/1/2013 19:30:50	11.49	50.77	33.19	8.35	7.89	33.6	3.074	94.5
504	5/1/2013 19:45:50	11.98	50.82	33.25	8.23	7.89	29.4	3.000	94.1
505	5/1/2013 20:00:51	11.26	51.17	33.47	8.33	7.90	26.7	2.944	93.9
506	5/1/2013 20:15:51	12.11	50.85	33.28	8.18	7.89	22.2	2.863	93.8
507	5/1/2013 20:30:50	11.28	51.03	33.36	8.27	7.89	21.3	2.780	93.2
508	5/1/2013 20:45:51	11.86	50.84	33.26	8.10	7.89	28.3	2.715	92.4
509	5/1/2013 21:00:51	11.66	50.97	33.34	8.12	7.89	23.0	2.642	92.3
510	5/1/2013 21:15:51	12.00	50.81	33.25	8.06	7.89	24.2	2.571	92.2
511	5/1/2013 21:30:50	12.28	50.83	33.27	8.00	7.89	23.1	2.510	92.1
512	5/1/2013 21:45:51	12.49	50.80	33.26	7.94	7.89	21.9	2.441	91.7
513	5/1/2013 22:00:50	12.82	50.59	33.13	7.84	7.89	22.5	2.391	91.1
514	5/1/2013 22:15:50	12.46	50.78	33.25	7.86	7.90	20.2	2.321	90.8
515	5/1/2013 22:30:50	13.02	50.36	32.96	7.78	7.89	18.9	2.269	90.7
516	5/1/2013 22:45:50	13.06	50.50	33.07	7.71	7.88	19.4	2.225	90.1
517	5/1/2013 23:00:51	13.25	50.48	33.06	7.68	7.89	19.1	2.182	90.1
518	5/1/2013 23:15:50	13.31	50.17	32.83	7.69	7.89	19.2	2.160	90.1
519	5/1/2013 23:30:50	13.37	50.28	32.92	7.58	7.88	16.7	2.146	88.9
520	5/1/2013 23:45:50	13.31	50.45	33.04	7.28	7.86	18.0	2.140	85.4
521	5/2/2013 0:00:50	13.18	50.16	32.82	7.54	7.87	19.6	2.160	88.2
522	5/2/2013 0:15:50	13.05	50.51	33.07	7.58	7.87	20.5	2.186	88.5
523	5/2/2013 0:30:51	12.99	50.59	33.13	7.61	7.87	18.9	2.206	88.8
524	5/2/2013 0:45:50	12.97	50.47	33.04	7.62	7.87	20.3	2.271	88.9
525	5/2/2013 1:00:50	12.91	50.45	33.03	7.66	7.87	23.8	2.323	89.2
526	5/2/2013 1:15:50	12.98	50.34	32.95	7.67	7.87	20.0	2.373	89.4
527	5/2/2013 1:30:50	12.96	50.25	32.88	7.70	7.87	19.0	2.433	89.6
528	5/2/2013 1:45:50	12.71	50.60	33.13	7.73	7.87	19.6	2.489	89.6
529	5/2/2013 2:00:50	12.59	50.64	33.15	7.74	7.87	19.3	2.551	89.6

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
530	5/2/2013 2:15:50	12.42	50.60	33.11	7.77	7.86	20.5	2.596	89.6
531	5/2/2013 2:30:51	12.26	50.86	33.29	7.82	7.86	15.6	2.664	89.9
532	5/2/2013 2:45:51	11.96	50.95	33.35	7.92	7.86	15.2	2.732	90.5
533	5/2/2013 3:00:51	11.88	50.93	33.33	7.98	7.87	16.7	2.787	91.0
534	5/2/2013 3:15:51	11.67	51.04	33.40	8.07	7.87	15.3	2.852	91.7
535	5/2/2013 3:30:50	11.57	50.83	33.24	8.09	7.87	15.6	2.919	91.6
536	5/2/2013 3:45:50	11.41	50.97	33.33	8.15	7.87	15.8	2.987	92.1
537	5/2/2013 4:00:50	11.23	51.09	33.41	8.19	7.87	16.2	3.041	92.2
538	5/2/2013 4:15:51	10.95	51.37	33.60	8.26	7.87	14.5	3.104	92.6
539	5/2/2013 4:30:51	10.71	51.36	33.58	8.35	7.87	15.9	3.165	93.1
540	5/2/2013 4:45:51	10.63	51.16	33.43	8.35	7.87	15.3	3.216	92.9
541	5/2/2013 5:00:51	10.48	51.43	33.61	8.38	7.87	9.7	3.269	93.0
542	5/2/2013 5:15:51	10.39	51.46	33.63	8.37	7.87	8.3	3.296	92.7
543	5/2/2013 5:30:51	10.39	51.38	33.56	8.31	7.86	6.7	3.318	92.0
544	5/2/2013 5:45:50	10.60	51.14	33.41	8.22	7.86	10.0	3.336	91.4
545	5/2/2013 6:00:51	10.46	51.38	33.58	8.25	7.86	9.4	3.319	91.5
546	5/2/2013 6:15:51	10.44	51.50	33.66	8.28	7.86	9.0	3.285	91.8
547	5/2/2013 6:30:51	10.39	51.35	33.55	8.26	7.86	11.9	3.245	91.4
548	5/2/2013 6:45:51	11.56	50.99	33.36	7.54	7.85	24.1	3.198	85.5
549	5/2/2013 7:00:51	11.39	51.09	33.42	7.86	7.86	22.8	3.117	88.8
550	5/2/2013 7:15:51	10.98	51.21	33.48	8.08	7.87	21.9	3.034	90.5
551	5/2/2013 7:30:51	11.35	51.20	33.50	7.91	7.86	28.9	2.952	89.4
552	5/2/2013 7:45:51	11.46	51.11	33.44	7.85	7.86	32.3	2.869	88.9
553	5/2/2013 8:00:51	11.69	50.97	33.35	7.71	7.86	34.3	2.775	87.7
554	5/2/2013 8:15:51	11.95	50.84	33.26	7.58	7.85	34.7	2.679	86.6
555	5/2/2013 8:30:51	12.11	50.74	33.20	7.50	7.85	39.4	2.583	85.9
556	5/2/2013 8:45:51	11.91	50.88	33.29	7.94	7.88	25.2	2.480	90.6
557	5/2/2013 9:00:51	12.16	50.79	33.24	7.87	7.87	26.1	2.381	90.3
558	5/2/2013 9:15:51	12.23	50.90	33.32	8.25	7.91	25.0	2.260	94.8
559	5/2/2013 9:30:50	12.44	50.72	33.20	8.17	7.90	26.4	2.145	94.2
560	5/2/2013 9:45:50	12.78	50.62	33.14	8.20	7.90	28.0	2.032	95.2
561	5/2/2013 10:00:50	12.92	50.70	33.21	8.06	7.90	30.1	1.923	93.9
562	5/2/2013 10:15:51	13.10	50.63	33.17	8.01	7.91	28.1	1.811	93.7
563	5/2/2013 10:30:50	13.23	50.67	33.19	7.97	7.91	25.3	1.702	93.4
564	5/2/2013 10:45:50	13.26	50.58	33.13	7.78	7.90	22.4	1.616	91.2
565	5/2/2013 11:00:50	13.48	50.56	33.13	7.70	7.91	20.2	1.533	90.7
566	5/2/2013 11:15:50	13.69	50.34	32.97	7.71	7.92	18.1	1.454	91.2
567	5/2/2013 11:30:50	13.85	50.51	33.10	7.73	7.92	19.1	1.414	91.7
568	5/2/2013 11:45:50	13.91	50.39	33.02	7.72	7.93	17.5	1.390	91.7
569	5/2/2013 12:00:50	14.15	50.48	33.09	7.80	7.91	21.9	1.376	93.1
570	5/2/2013 12:15:50	13.85	50.43	33.05	7.83	7.91	17.0	1.370	93.0
571	5/2/2013 12:30:50	13.72	50.53	33.11	7.71	7.91	17.4	1.403	91.3
572	5/2/2013 12:45:50	13.87	50.47	33.07	7.72	7.91	19.6	1.448	91.7
573	5/2/2013 13:00:50	13.83	50.54	33.12	7.72	7.91	18.4	1.486	91.6
574	5/2/2013 13:15:50	13.74	50.54	33.12	7.67	7.91	17.3	1.539	90.8
575	5/2/2013 13:30:50	13.68	50.43	33.04	7.61	7.90	17.5	1.608	90.0
576	5/2/2013 13:45:51	14.24	50.36	33.00	7.57	7.91	19.0	1.661	90.6
577	5/2/2013 14:00:50	13.79	50.35	32.98	7.55	7.90	16.7	1.731	89.4
578	5/2/2013 14:15:50	14.02	50.29	32.95	7.53	7.90	18.0	1.814	89.6
579	5/2/2013 14:30:50	13.85	50.20	32.87	7.47	7.89	17.6	1.878	88.5
580	5/2/2013 14:45:50	13.47	50.41	33.02	7.43	7.88	20.3	1.971	87.5
581	5/2/2013 15:00:50	13.25	50.50	33.08	7.41	7.88	21.8	2.063	86.9
582	5/2/2013 15:15:51	13.22	50.59	33.14	7.40	7.87	23.4	2.142	86.8

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
583	5/2/2013 15:30:50	12.78	50.52	33.07	7.49	7.86	21.4	2.238	86.9
584	5/2/2013 15:45:50	12.54	50.63	33.14	7.61	7.86	25.5	2.330	87.9
585	5/2/2013 16:00:50	12.47	50.58	33.10	7.64	7.86	22.7	2.423	88.2
586	5/2/2013 16:15:50	12.53	50.66	33.16	7.68	7.86	25.9	2.509	88.8
587	5/2/2013 16:30:50	12.34	50.63	33.13	7.72	7.86	26.2	2.593	88.8
588	5/2/2013 16:45:51	12.20	50.88	33.31	7.74	7.85	22.8	2.683	88.9
589	5/2/2013 17:00:51	12.34	50.86	33.30	7.78	7.86	22.8	2.759	89.6
590	5/2/2013 17:15:51	12.22	50.95	33.36	7.91	7.85	24.4	2.839	90.9
591	5/2/2013 17:30:51	12.13	50.96	33.36	8.03	7.86	27.5	2.918	92.1
592	5/2/2013 17:45:51	11.94	51.12	33.47	8.15	7.86	25.8	2.989	93.2
593	5/2/2013 18:00:51	11.70	51.14	33.47	8.19	7.86	20.3	3.064	93.2
594	5/2/2013 18:15:50	11.31	51.16	33.47	8.18	7.85	16.1	3.128	92.4
595	5/2/2013 18:30:51	11.05	51.43	33.65	8.20	7.86	16.6	3.193	92.1
596	5/2/2013 18:45:51	10.93	51.22	33.48	8.26	7.86	11.5	3.246	92.5
597	5/2/2013 19:00:51	10.85	51.49	33.68	8.28	7.87	8.0	3.282	92.7
598	5/2/2013 19:15:51	10.83	51.55	33.72	8.24	7.86	7.1	3.320	92.2
599	5/2/2013 19:30:51	11.26	51.28	33.55	8.16	7.86	13.2	3.326	92.0
600	5/2/2013 19:45:51	10.98	51.45	33.66	8.14	7.86	8.1	3.324	91.3
601	5/2/2013 20:00:51	10.92	51.23	33.49	8.20	7.87	8.9	3.302	91.8
602	5/2/2013 20:15:51	10.94	51.39	33.61	8.21	7.87	9.8	3.252	92.0
603	5/2/2013 20:30:51	11.61	51.20	33.51	8.02	7.86	23.6	3.198	91.1
604	5/2/2013 20:45:51	12.20	50.99	33.39	7.93	7.87	20.2	3.133	91.1
605	5/2/2013 21:00:50	11.59	51.05	33.40	8.01	7.86	18.0	3.049	90.9
606	5/2/2013 21:15:51	12.32	51.04	33.43	7.92	7.87	24.7	2.971	91.2
607	5/2/2013 21:30:51	12.43	50.93	33.35	7.92	7.87	19.8	2.893	91.4
608	5/2/2013 21:45:51	12.51	50.91	33.34	7.85	7.87	19.8	2.826	90.8
609	5/2/2013 22:00:51	12.60	50.91	33.35	7.84	7.87	20.5	2.746	90.8
610	5/2/2013 22:15:51	12.75	50.72	33.21	7.78	7.87	19.4	2.672	90.4
611	5/2/2013 22:30:50	12.68	50.64	33.15	7.63	7.86	16.3	2.608	88.5
612	5/2/2013 22:45:51	12.54	50.74	33.22	7.72	7.86	13.6	2.535	89.2
613	5/2/2013 23:00:50	12.92	50.65	33.17	7.79	7.88	17.1	2.461	90.8
614	5/2/2013 23:15:50	12.94	50.62	33.15	7.77	7.89	12.9	2.395	90.5
615	5/2/2013 23:30:50	13.23	50.62	33.16	7.77	7.90	13.3	2.333	91.2
616	5/2/2013 23:45:50	13.48	50.62	33.17	7.87	7.92	12.2	2.282	92.8
617	5/3/2013 0:00:51	13.70	50.62	33.18	7.96	7.94	12.5	2.219	94.2
618	5/3/2013 0:15:50	13.84	50.40	33.02	8.08	7.95	11.7	2.188	95.9
619	5/3/2013 0:30:50	13.96	50.37	33.00	8.13	7.96	11.8	2.157	96.7
620	5/3/2013 0:45:50	14.11	50.44	33.06	8.13	7.96	11.2	2.130	97.0
621	5/3/2013 1:00:50	14.10	50.49	33.10	7.96	7.95	11.1	2.123	94.9
622	5/3/2013 1:15:50	13.84	50.63	33.19	7.80	7.93	12.3	2.116	92.6
623	5/3/2013 1:30:50	13.69	50.46	33.06	7.82	7.92	13.7	2.145	92.5
624	5/3/2013 1:45:50	13.54	50.49	33.07	7.76	7.90	12.9	2.179	91.5
625	5/3/2013 2:00:51	13.41	50.67	33.21	7.67	7.89	14.1	2.213	90.3
626	5/3/2013 2:15:51	13.33	50.64	33.18	7.67	7.89	12.3	2.253	90.2
627	5/3/2013 2:30:51	13.47	50.57	33.13	7.74	7.90	13.8	2.311	91.2
628	5/3/2013 2:45:50	13.55	50.37	32.99	7.74	7.91	13.8	2.381	91.2
629	5/3/2013 3:00:50	13.23	50.60	33.15	7.64	7.88	13.6	2.433	89.5
630	5/3/2013 3:15:50	13.08	50.60	33.14	7.63	7.88	12.1	2.498	89.2
631	5/3/2013 3:30:51	12.89	50.71	33.21	7.67	7.87	11.1	2.567	89.3
632	5/3/2013 3:45:51	12.60	50.88	33.33	7.67	7.86	11.5	2.617	88.8
633	5/3/2013 4:00:51	12.35	50.86	33.30	7.72	7.86	11.6	2.676	88.9
634	5/3/2013 4:15:51	12.16	50.99	33.39	7.77	7.86	10.3	2.735	89.3
635	5/3/2013 4:30:51	12.06	50.97	33.37	7.79	7.86	9.5	2.792	89.2

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	5/3/2013 4:45:51	11.93	51.11	33.46	7.81	7.86	9.7	2.855	89.3
637	5/3/2013 5:00:51	11.82	51.07	33.43	7.83	7.86	9.1	2.909	89.3
638	5/3/2013 5:15:51	11.71	51.14	33.47	7.86	7.86	8.9	2.964	89.4
639	5/3/2013 5:30:51	11.50	51.23	33.53	7.88	7.86	8.7	3.025	89.4
640	5/3/2013 5:45:50	11.34	50.87	33.25	7.89	7.86	9.2	3.072	89.0
641	5/3/2013 6:00:51	11.13	51.36	33.60	7.87	7.85	8.6	3.123	88.6
642	5/3/2013 6:15:51	10.96	51.13	33.42	7.90	7.86	8.0	3.178	88.5
643	5/3/2013 6:30:51	10.89	51.28	33.52	7.87	7.85	9.0	3.206	88.0
644	5/3/2013 6:45:51	10.85	51.27	33.51	7.74	7.85	7.2	3.230	86.5
645	5/3/2013 7:00:51	10.95	50.35	32.85	7.72	7.85	6.5	3.236	86.1
646	5/3/2013 7:15:51	10.94	50.18	32.73	7.73	7.85	9.0	3.238	86.1
647	5/3/2013 7:30:51	10.84	50.13	32.69	7.80	7.85	7.7	3.211	86.7
648	5/3/2013 7:45:51	10.85	50.15	32.70	7.76	7.85	8.0	3.162	86.3
649	5/3/2013 8:00:50	11.24	50.01	32.63	7.70	7.85	16.7	3.101	86.3
650	5/3/2013 8:15:51	11.81	49.82	32.52	7.73	7.86	15.9	3.049	87.6
651	5/3/2013 8:30:50	11.80	49.85	32.54	7.99	7.87	13.0	2.972	90.6
652	5/3/2013 8:45:50	11.86	49.70	32.43	7.81	7.86	19.9	2.883	88.6
653	5/3/2013 9:00:50	12.04	49.79	32.51	7.72	7.86	21.7	2.808	88.0
654	5/3/2013 9:15:51	12.22	49.64	32.41	7.71	7.87	25.2	2.722	88.1
655	5/3/2013 9:30:51	12.50	49.60	32.39	7.69	7.87	22.5	2.635	88.4
656	5/3/2013 9:45:51	12.71	49.70	32.47	7.67	7.88	25.2	2.544	88.6
657	5/3/2013 10:00:51	12.90	49.70	32.48	7.73	7.88	23.6	2.459	89.6
658	5/3/2013 10:15:51	12.99	49.74	32.51	7.99	7.89	18.6	2.365	92.9
659	5/3/2013 10:30:51	13.09	49.85	32.60	8.00	7.90	21.6	2.268	93.2
660	5/3/2013 10:45:51	13.36	49.64	32.45	8.07	7.91	21.9	2.159	94.4
661	5/3/2013 11:00:51	13.92	49.55	32.41	8.43	7.96	16.7	2.057	99.8
662	5/3/2013 11:15:50	14.15	49.36	32.28	8.40	7.97	18.4	1.966	99.9
663	5/3/2013 11:30:50	14.37	49.57	32.43	8.50	7.99	16.5	1.867	101.5
664	5/3/2013 11:45:50	14.56	49.84	32.64	8.67	8.00	14.5	1.778	104.1
665	5/3/2013 12:00:50	14.61	49.83	32.63	8.64	8.00	15.0	1.704	103.8
666	5/3/2013 12:15:50	14.62	49.64	32.49	8.59	8.00	14.7	1.630	103.1
667	5/3/2013 12:30:50	14.56	49.62	32.48	8.54	7.99	13.4	1.587	102.4
668	5/3/2013 12:45:50	14.59	49.55	32.42	8.50	7.99	13.0	1.542	102.1
669	5/3/2013 13:00:50	14.66	49.79	32.60	8.58	8.00	10.4	1.521	103.2
670	5/3/2013 13:15:50	14.66	49.72	32.55	8.72	7.99	11.5	1.537	104.9
671	5/3/2013 13:30:50	14.42	49.61	32.46	8.44	7.98	10.3	1.534	100.9
672	5/3/2013 13:45:50	14.58	49.83	32.63	8.64	7.99	11.9	1.571	103.8
673	5/3/2013 14:00:50	14.79	49.77	32.59	8.65	8.00	10.5	1.619	104.3
674	5/3/2013 14:15:50	14.60	49.64	32.49	8.52	7.99	12.3	1.668	102.3
675	5/3/2013 14:30:50	14.50	49.63	32.48	8.45	7.98	13.4	1.732	101.3
676	5/3/2013 14:45:50	14.73	49.74	32.57	8.31	7.97	13.8	1.779	100.1
677	5/3/2013 15:00:50	14.73	49.64	32.50	8.37	7.98	12.6	1.858	100.8
678	5/3/2013 15:15:50	14.95	49.35	32.29	8.32	7.98	13.2	1.918	100.5
679	5/3/2013 15:30:50	14.34	49.55	32.42	8.14	7.95	14.2	2.001	97.1
680	5/3/2013 15:45:50	14.18	49.62	32.46	8.14	7.95	16.3	2.079	96.9
681	5/3/2013 16:00:50	13.86	49.43	32.32	7.94	7.93	16.4	2.159	93.8
682	5/3/2013 16:15:50	13.65	49.40	32.29	7.85	7.90	18.2	2.252	92.4
683	5/3/2013 16:30:50	13.22	49.76	32.53	7.74	7.88	17.8	2.332	90.4
684	5/3/2013 16:45:50	13.01	49.76	32.52	7.72	7.87	19.5	2.422	89.7
685	5/3/2013 17:00:51	13.06	49.85	32.59	7.72	7.87	17.9	2.506	89.8
686	5/3/2013 17:15:51	12.93	49.97	32.67	7.74	7.87	20.7	2.593	89.9
687	5/3/2013 17:30:50	12.76	49.72	32.49	7.75	7.86	24.0	2.679	89.6
688	5/3/2013 17:45:50	12.74	49.96	32.66	7.76	7.86	25.0	2.757	89.7

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
689	5/3/2013 18:00:51	12.65	50.04	32.72	7.82	7.86	24.7	2.839	90.4
690	5/3/2013 18:15:51	12.39	50.06	32.72	7.91	7.85	26.7	2.917	90.9
691	5/3/2013 18:30:51	12.14	50.27	32.86	7.96	7.85	28.5	2.995	91.1
692	5/3/2013 18:45:51	11.94	50.25	32.83	8.01	7.86	16.8	3.074	91.2
693	5/3/2013 19:00:51	11.46	50.36	32.89	8.04	7.86	16.2	3.146	90.7
694	5/3/2013 19:15:50	11.29	50.13	32.72	8.15	7.86	10.9	3.215	91.5
695	5/3/2013 19:30:51	11.15	50.63	33.07	8.20	7.87	8.5	3.282	91.9
696	5/3/2013 19:45:51	10.98	50.60	33.04	8.17	7.88	7.8	3.333	91.3
697	5/3/2013 20:00:51	10.89	50.52	32.98	8.11	7.87	7.1	3.363	90.4
698	5/3/2013 20:15:51	10.80	50.64	33.06	8.05	7.87	5.5	3.398	89.7
699	5/3/2013 20:30:51	11.24	50.69	33.12	8.02	7.87	10.6	3.412	90.2
700	5/3/2013 20:45:51	11.05	50.70	33.11	7.97	7.87	9.5	3.393	89.3
701	5/3/2013 21:00:51	10.84	50.66	33.07	8.01	7.88	7.6	3.365	89.2
702	5/3/2013 21:15:51	10.83	50.57	33.00	8.03	7.88	9.0	3.324	89.4
703	5/3/2013 21:30:51	12.01	50.36	32.92	7.79	7.87	13.5	3.267	88.9
704	5/3/2013 21:45:51	11.85	50.43	32.96	7.87	7.87	17.9	3.184	89.6
705	5/3/2013 22:00:51	11.79	50.48	33.00	7.99	7.88	14.2	3.085	90.8
706	5/3/2013 22:15:51	12.39	50.43	32.99	7.95	7.88	14.2	3.017	91.5
707	5/3/2013 22:30:50	12.48	50.14	32.78	7.78	7.87	13.7	2.937	89.6
708	5/3/2013 22:45:51	12.69	50.09	32.75	7.72	7.87	15.0	2.848	89.3
709	5/3/2013 23:00:50	12.89	50.15	32.80	7.64	7.87	15.6	2.762	88.8
710	5/3/2013 23:15:50	13.12	50.23	32.87	7.62	7.87	14.2	2.677	89.0
711	5/3/2013 23:30:50	13.13	50.17	32.83	7.64	7.87	14.5	2.596	89.2
712	5/3/2013 23:45:51	12.83	50.43	33.00	7.77	7.88	14.4	2.518	90.2
713	5/4/2013 0:00:51	13.38	50.23	32.88	7.90	7.91	14.7	2.434	92.8
714	5/4/2013 0:15:50	13.26	50.08	32.77	7.94	7.91	12.8	2.343	93.0
715	5/4/2013 0:30:51	13.53	50.19	32.86	8.20	7.95	12.0	2.270	96.5
716	5/4/2013 0:45:50	14.32	49.91	32.68	8.48	8.00	11.7	2.201	101.4
717	5/4/2013 1:00:50	14.31	50.04	32.77	8.61	8.02	11.0	2.112	103.0
718	5/4/2013 1:15:50	14.51	50.02	32.76	8.71	8.04	11.2	2.061	104.6
719	5/4/2013 1:30:50	14.70	49.90	32.68	8.98	8.06	10.3	2.007	108.2
720	5/4/2013 1:45:50	14.80	49.75	32.58	9.11	8.08	9.7	1.977	109.8
721	5/4/2013 2:00:50	14.95	49.70	32.54	9.13	8.08	9.0	1.942	110.4
722	5/4/2013 2:15:50	15.04	50.42	33.07	9.12	8.09	8.4	1.926	110.9
723	5/4/2013 2:30:50	14.72	49.82	32.62	8.80	8.05	9.5	1.942	106.0
724	5/4/2013 2:45:50	14.59	50.03	32.77	8.64	8.04	11.4	1.955	103.9
725	5/4/2013 3:00:50	14.36	49.90	32.67	8.42	8.00	11.7	1.996	100.7
726	5/4/2013 3:15:50	14.38	50.08	32.80	8.43	8.00	10.9	2.049	101.0
727	5/4/2013 3:30:50	14.17	49.88	32.65	8.28	7.97	11.1	2.105	98.7
728	5/4/2013 3:45:50	14.44	49.88	32.66	8.15	7.99	14.4	2.169	97.6
729	5/4/2013 4:00:50	14.38	49.87	32.65	8.11	7.98	12.5	2.233	97.0
730	5/4/2013 4:15:50	14.23	49.86	32.64	8.06	7.97	10.3	2.297	96.1
731	5/4/2013 4:30:50	13.93	49.75	32.55	7.94	7.94	10.5	2.361	94.1
732	5/4/2013 4:45:50	13.54	50.03	32.74	7.75	7.90	20.8	2.418	91.2
733	5/4/2013 5:00:51	13.24	50.13	32.80	7.66	7.89	9.8	2.484	89.6
734	5/4/2013 5:15:51	12.87	50.23	32.86	7.70	7.87	8.6	2.540	89.4
735	5/4/2013 5:30:51	12.74	50.19	32.83	7.68	7.86	9.1	2.606	88.9
736	5/4/2013 5:45:51	12.61	50.35	32.94	7.66	7.86	8.9	2.668	88.5
737	5/4/2013 6:00:50	12.52	50.14	32.78	7.67	7.86	10.1	2.724	88.4
738	5/4/2013 6:15:50	12.41	50.16	32.79	7.67	7.86	9.7	2.783	88.2
739	5/4/2013 6:30:51	12.24	50.45	32.99	7.68	7.86	9.9	2.836	88.2
740	5/4/2013 6:45:51	12.10	50.36	32.92	7.67	7.86	10.1	2.904	87.7
741	5/4/2013 7:00:51	11.90	50.47	33.00	7.68	7.85	9.5	2.956	87.5

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
742	5/4/2013 7:15:51	11.78	50.58	33.07	7.67	7.85	9.7	3.011	87.2
743	5/4/2013 7:30:51	11.67	50.55	33.04	7.68	7.85	8.1	3.060	87.1
744	5/4/2013 7:45:50	11.52	50.40	32.92	7.65	7.85	7.6	3.096	86.4
745	5/4/2013 8:00:51	11.42	50.73	33.16	7.63	7.85	7.2	3.135	86.2
746	5/4/2013 8:15:51	11.29	50.36	32.88	7.64	7.85	5.6	3.147	85.8
747	5/4/2013 8:30:50	11.63	49.99	32.63	7.63	7.85	6.5	3.150	86.2
748	5/4/2013 8:45:51	11.59	50.38	32.91	7.55	7.85	9.1	3.134	85.4
749	5/4/2013 9:00:51	11.34	50.56	33.03	7.62	7.85	8.0	3.107	85.8
750	5/4/2013 9:15:51	11.65	50.34	32.88	7.56	7.85	9.4	3.053	85.6
751	5/4/2013 9:30:50	12.45	50.09	32.74	7.53	7.87	19.8	2.982	86.7
752	5/4/2013 9:45:50	12.58	50.16	32.80	7.65	7.87	17.8	2.916	88.3
753	5/4/2013 10:00:50	12.67	50.03	32.71	7.72	7.87	16.9	2.839	89.2
754	5/4/2013 10:15:51	12.54	50.36	32.94	7.70	7.87	17.0	2.757	88.8
755	5/4/2013 10:30:51	12.74	50.11	32.77	7.75	7.88	18.8	2.666	89.7
756	5/4/2013 10:45:51	13.07	50.20	32.85	7.74	7.89	18.6	2.583	90.3
757	5/4/2013 11:00:50	13.29	50.05	32.74	7.78	7.90	19.2	2.503	91.1
758	5/4/2013 11:15:50	13.63	49.96	32.69	7.91	7.91	21.0	2.416	93.2
759	5/4/2013 11:30:51	13.88	50.03	32.75	8.00	7.92	17.3	2.334	94.8
760	5/4/2013 11:45:50	14.27	49.87	32.65	8.30	7.93	20.3	2.231	99.1
761	5/4/2013 12:00:50	14.18	50.04	32.77	8.40	7.95	14.4	2.151	100.2
762	5/4/2013 12:15:50	14.38	50.06	32.79	8.46	7.96	17.1	2.059	101.3
763	5/4/2013 12:30:51	14.53	50.10	32.82	8.56	7.98	14.4	1.952	102.8
764	5/4/2013 12:45:50	14.61	49.89	32.67	8.58	7.98	15.7	1.876	103.2
765	5/4/2013 13:00:50	14.74	49.96	32.72	8.67	8.00	13.3	1.802	104.5
766	5/4/2013 13:15:50	14.95	49.95	32.72	8.74	8.00	12.9	1.749	105.8
767	5/4/2013 13:30:50	14.98	49.82	32.63	8.75	8.01	12.9	1.677	105.9
768	5/4/2013 13:45:50	15.04	49.76	32.58	8.70	8.01	13.0	1.645	105.5
769	5/4/2013 14:00:50	15.12	49.91	32.70	8.49	7.99	9.5	1.644	103.1
770	5/4/2013 14:15:50	15.16	49.89	32.68	8.76	8.01	10.8	1.627	106.5
771	5/4/2013 14:30:50	15.30	49.80	32.62	8.84	8.03	10.2	1.639	107.7
772	5/4/2013 14:45:50	15.23	49.87	32.67	8.83	8.02	11.2	1.677	107.5
773	5/4/2013 15:00:50	15.27	49.84	32.65	8.90	8.02	11.4	1.720	108.4
774	5/4/2013 15:15:50	15.57	49.95	32.74	9.18	8.07	10.1	1.766	112.5
775	5/4/2013 15:30:50	15.18	49.88	32.68	8.85	8.01	10.9	1.821	107.6
776	5/4/2013 15:45:50	15.23	50.12	32.86	8.94	8.02	11.5	1.910	109.0
777	5/4/2013 16:00:50	15.15	49.94	32.72	8.88	8.02	12.5	1.976	107.9
778	5/4/2013 16:15:50	15.30	49.97	32.75	8.93	8.03	11.0	2.051	109.0
779	5/4/2013 16:30:50	15.21	50.04	32.80	8.85	8.02	12.2	2.131	107.7
780	5/4/2013 16:45:50	15.10	49.93	32.71	8.71	8.01	13.1	2.213	105.8
781	5/4/2013 17:00:50	14.76	50.04	32.79	8.49	7.98	12.3	2.303	102.4
782	5/4/2013 17:15:50	14.33	50.17	32.87	8.19	7.94	15.6	2.364	98.0
783	5/4/2013 17:30:50	14.13	50.07	32.79	8.07	7.92	16.7	2.445	96.1
784	5/4/2013 17:45:51	13.81	50.36	32.99	7.98	7.91	18.8	2.529	94.5
785	5/4/2013 18:00:51	13.72	50.38	33.00	7.97	7.90	17.1	2.601	94.3
786	5/4/2013 18:15:51	13.40	50.35	32.97	7.90	7.89	20.6	2.698	92.9
787	5/4/2013 18:30:50	13.15	50.39	32.99	7.84	7.87	21.7	2.781	91.7
788	5/4/2013 18:45:51	13.01	50.42	33.01	7.88	7.87	24.5	2.872	91.9
789	5/4/2013 19:00:51	12.63	50.37	32.95	7.92	7.87	26.4	2.958	91.6
790	5/4/2013 19:15:50	12.26	50.37	32.94	7.96	7.86	26.7	3.048	91.3
791	5/4/2013 19:30:50	11.75	50.47	32.99	8.04	7.87	22.6	3.139	91.3
792	5/4/2013 19:45:50	11.44	50.32	32.86	8.16	7.87	20.2	3.234	92.0
793	5/4/2013 20:00:50	11.31	50.39	32.91	8.17	7.88	17.1	3.313	91.9
794	5/4/2013 20:15:51	11.15	50.84	33.22	8.16	7.88	11.2	3.386	91.6

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	5/4/2013 20:30:51	11.07	50.92	33.28	8.18	7.88	7.6	3.449	91.8
796	5/4/2013 20:45:51	10.99	50.71	33.12	8.15	7.88	6.9	3.488	91.2
797	5/4/2013 21:00:50	11.03	50.66	33.08	8.07	7.88	5.6	3.520	90.3
798	5/4/2013 21:15:51	11.88	50.72	33.17	7.99	7.89	8.0	3.531	91.1
799	5/4/2013 21:30:50	11.34	50.52	33.00	7.96	7.88	9.5	3.520	89.7
800	5/4/2013 21:45:51	10.97	50.33	32.84	8.11	7.89	7.0	3.483	90.5
801	5/4/2013 22:00:51	11.14	50.44	32.93	8.04	7.88	10.9	3.426	90.1
802	5/4/2013 22:15:51	11.77	50.28	32.85	7.92	7.88	18.1	3.367	90.0
803	5/4/2013 22:30:51	11.50	50.32	32.86	8.05	7.89	16.1	3.278	90.9
804	5/4/2013 22:45:51	11.92	50.27	32.85	8.05	7.90	15.5	3.192	91.6
805	5/4/2013 23:00:51	12.53	50.05	32.72	7.90	7.89	17.2	3.095	91.1
806	5/4/2013 23:15:51	12.72	49.95	32.65	7.89	7.90	18.0	2.999	91.3
807	5/4/2013 23:30:51	12.88	50.11	32.77	7.80	7.89	14.9	2.907	90.6
808	5/4/2013 23:45:50	13.10	49.95	32.67	7.88	7.90	15.9	2.806	91.9
809	5/5/2013 0:00:51	13.36	49.98	32.70	7.89	7.91	14.6	2.726	92.5
810	5/5/2013 0:15:51	13.47	49.77	32.55	7.87	7.91	15.8	2.639	92.3
811	5/5/2013 0:30:50	13.49	49.99	32.71	7.73	7.90	18.1	2.533	90.9
812	5/5/2013 0:45:50	13.55	49.84	32.60	7.96	7.92	17.8	2.459	93.6
813	5/5/2013 1:00:50	13.20	49.95	32.67	8.06	7.93	15.3	2.353	94.2
814	5/5/2013 1:15:50	13.52	49.96	32.69	8.03	7.95	14.1	2.259	94.4
815	5/5/2013 1:30:50	14.33	49.78	32.58	8.17	7.99	16.2	2.167	97.6
816	5/5/2013 1:45:50	14.89	49.93	32.71	8.18	8.03	14.3	2.082	98.9
817	5/5/2013 2:00:51	14.54	49.98	32.74	8.14	8.00	13.6	1.992	97.7
818	5/5/2013 2:15:50	14.63	49.99	32.75	8.13	8.01	14.4	1.909	97.9
819	5/5/2013 2:30:50	15.13	49.97	32.75	8.17	8.04	11.6	1.854	99.3
820	5/5/2013 2:45:50	15.48	50.06	32.82	8.20	8.07	11.7	1.800	100.4
821	5/5/2013 3:00:50	15.58	50.11	32.86	8.18	8.08	10.8	1.761	100.3
822	5/5/2013 3:15:50	15.73	50.13	32.88	8.21	8.09	10.7	1.755	101.1
823	5/5/2013 3:30:50	15.62	50.03	32.80	8.00	8.06	10.5	1.746	98.2
824	5/5/2013 3:45:50	15.64	49.87	32.68	8.19	8.07	10.3	1.771	100.5
825	5/5/2013 4:00:50	15.55	49.93	32.72	8.18	8.06	12.1	1.813	100.2
826	5/5/2013 4:15:50	15.44	49.99	32.77	8.16	8.05	11.8	1.873	99.7
827	5/5/2013 4:30:50	15.35	49.97	32.75	8.12	8.04	12.3	1.930	99.1
828	5/5/2013 4:45:50	15.65	49.76	32.60	7.92	8.06	18.9	2.000	97.2
829	5/5/2013 5:00:50	15.35	49.91	32.71	7.95	8.03	14.4	2.073	97.0
830	5/5/2013 5:15:50	15.11	49.88	32.67	7.97	8.02	12.6	2.148	96.8
831	5/5/2013 5:30:50	15.02	49.81	32.63	7.92	8.01	13.2	2.216	96.0
832	5/5/2013 5:45:50	14.69	50.00	32.76	7.91	7.99	11.5	2.286	95.2
833	5/5/2013 6:00:50	14.18	49.95	32.71	7.80	7.95	12.5	2.366	93.0
834	5/5/2013 6:15:51	13.76	50.28	32.93	7.77	7.92	13.3	2.418	91.9
835	5/5/2013 6:30:51	13.47	50.33	32.95	7.70	7.90	11.7	2.494	90.6
836	5/5/2013 6:45:51	13.38	50.28	32.91	7.67	7.89	10.8	2.555	90.0
837	5/5/2013 7:00:51	13.31	50.31	32.94	7.66	7.89	11.7	2.628	89.9
838	5/5/2013 7:15:50	13.23	50.19	32.85	7.67	7.89	10.9	2.699	89.8
839	5/5/2013 7:30:51	13.01	50.37	32.97	7.69	7.88	12.1	2.757	89.6
840	5/5/2013 7:45:51	12.84	50.34	32.94	7.69	7.88	12.7	2.824	89.3
841	5/5/2013 8:00:51	12.68	50.39	32.97	7.68	7.88	12.8	2.892	88.9
842	5/5/2013 8:15:51	12.48	50.52	33.05	7.69	7.87	10.9	2.955	88.8
843	5/5/2013 8:30:51	12.25	50.62	33.12	7.71	7.87	11.4	3.010	88.6
844	5/5/2013 8:45:51	12.08	50.48	33.01	7.75	7.87	9.1	3.070	88.6
845	5/5/2013 9:00:51	11.95	50.44	32.97	7.75	7.87	7.9	3.120	88.4
846	5/5/2013 9:15:51	11.82	50.50	33.01	7.75	7.87	6.7	3.146	88.2
847	5/5/2013 9:30:51	11.77	50.55	33.04	7.68	7.86	6.0	3.168	87.3

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
848	5/5/2013 9:45:51	12.10	50.63	33.12	7.73	7.88	9.0	3.180	88.5
849	5/5/2013 10:00:51	11.80	50.80	33.23	7.62	7.87	8.5	3.169	86.8
850	5/5/2013 10:15:51	11.82	50.77	33.21	7.65	7.87	9.0	3.131	87.1
851	5/5/2013 10:30:51	11.89	50.65	33.12	7.66	7.87	11.4	3.080	87.4
852	5/5/2013 10:45:51	12.66	50.62	33.14	7.66	7.88	15.9	3.025	88.7
853	5/5/2013 11:00:50	13.17	50.43	33.02	7.76	7.89	17.3	2.951	90.8
854	5/5/2013 11:15:50	13.24	50.55	33.11	7.81	7.88	22.7	2.857	91.5
855	5/5/2013 11:30:50	13.27	50.24	32.88	7.80	7.90	18.9	2.780	91.4
856	5/5/2013 11:45:51	13.44	50.52	33.09	7.78	7.90	21.1	2.684	91.6
857	5/5/2013 12:00:51	13.76	50.35	32.98	7.84	7.92	24.9	2.596	92.9
858	5/5/2013 12:15:50	14.26	50.26	32.93	7.96	7.93	28.2	2.516	95.2
859	5/5/2013 12:30:50	14.55	50.25	32.93	8.11	7.94	26.6	2.432	97.6
860	5/5/2013 12:45:50	14.66	50.13	32.85	8.22	7.94	27.1	2.339	99.0
861	5/5/2013 13:00:50	14.73	50.14	32.86	8.26	7.94	23.7	2.253	99.7
862	5/5/2013 13:15:50	14.93	50.10	32.83	8.45	7.98	25.5	2.164	102.3
863	5/5/2013 13:30:50	15.32	49.82	32.64	8.70	8.02	19.5	2.081	106.1
864	5/5/2013 13:45:50	15.56	49.74	32.58	8.84	8.05	18.9	2.005	108.2
865	5/5/2013 14:00:50	15.67	50.07	32.83	8.60	8.01	20.3	1.918	105.8
866	5/5/2013 14:15:50	15.75	49.86	32.68	8.66	8.02	19.2	1.862	106.5
867	5/5/2013 14:30:50	15.87	50.11	32.86	8.76	8.04	12.3	1.819	108.2
868	5/5/2013 14:45:50	16.09	50.19	32.92	8.91	8.06	15.1	1.776	110.5
869	5/5/2013 15:00:50	16.31	50.03	32.81	9.19	8.09	12.7	1.757	114.4
870	5/5/2013 15:15:50	16.31	50.15	32.90	8.76	8.05	13.6	1.754	109.1
871	5/5/2013 15:30:50	16.20	50.05	32.82	9.09	8.06	12.2	1.771	112.9
872	5/5/2013 15:45:50	16.06	50.21	32.94	9.02	8.07	11.2	1.795	111.9
873	5/5/2013 16:00:50	16.19	49.83	32.66	9.33	8.11	10.1	1.845	115.7
874	5/5/2013 16:15:50	16.19	50.01	32.79	9.23	8.10	10.7	1.911	114.5
875	5/5/2013 16:30:50	16.03	49.95	32.75	9.09	8.08	14.8	1.966	112.4
876	5/5/2013 16:45:50	16.40	50.09	32.86	8.99	8.10	18.6	2.059	112.1
877	5/5/2013 17:00:50	16.24	50.03	32.81	8.95	8.09	15.5	2.121	111.2
878	5/5/2013 17:15:50	16.00	49.93	32.73	8.80	8.07	14.0	2.197	108.7
879	5/5/2013 17:30:50	15.81	50.20	32.93	8.76	8.05	16.6	2.298	108.0
880	5/5/2013 17:45:50	15.29	50.18	32.90	8.48	8.01	16.8	2.367	103.5
881	5/5/2013 18:00:50	14.69	50.26	32.95	8.13	7.95	17.7	2.444	98.1
882	5/5/2013 18:15:50	14.51	50.35	33.00	8.07	7.94	16.0	2.526	97.0
883	5/5/2013 18:30:51	14.10	50.39	33.02	7.93	7.91	16.6	2.615	94.6
884	5/5/2013 18:45:50	13.94	50.39	33.01	7.88	7.90	16.4	2.685	93.7
885	5/5/2013 19:00:50	13.90	50.35	32.99	7.92	7.91	17.1	2.782	94.0
886	5/5/2013 19:15:51	13.63	50.59	33.16	7.91	7.90	21.0	2.869	93.5
887	5/5/2013 19:30:50	13.38	50.49	33.07	7.89	7.89	21.0	2.951	92.8
888	5/5/2013 19:45:50	12.98	50.48	33.05	7.93	7.88	25.8	3.051	92.5
889	5/5/2013 20:00:51	12.74	50.62	33.14	7.98	7.88	27.8	3.137	92.6
890	5/5/2013 20:15:51	12.40	50.69	33.18	7.98	7.88	17.3	3.223	92.0
891	5/5/2013 20:30:51	12.16	50.88	33.30	7.91	7.88	14.1	3.318	90.8
892	5/5/2013 20:45:51	11.64	50.83	33.24	7.79	7.87	11.7	3.391	88.4
893	5/5/2013 21:00:51	11.38	51.02	33.37	7.71	7.86	8.7	3.456	87.1
894	5/5/2013 21:15:50	11.28	50.93	33.30	7.71	7.86	6.9	3.528	86.9
895	5/5/2013 21:30:51	11.20	50.92	33.28	7.67	7.86	5.3	3.566	86.2
896	5/5/2013 21:45:51	11.22	51.11	33.42	7.47	7.86	6.2	3.591	84.2
897	5/5/2013 22:00:51	11.97	50.65	33.12	7.71	7.88	6.8	3.617	88.0
898	5/5/2013 22:15:51	11.48	50.99	33.35	7.53	7.87	18.4	3.590	85.2
899	5/5/2013 22:30:51	11.22	51.03	33.36	7.59	7.87	6.6	3.568	85.4
900	5/5/2013 22:45:51	11.49	50.88	33.27	7.56	7.87	9.2	3.515	85.5

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
901	5/5/2013 23:00:51	11.85	50.77	33.21	7.66	7.88	11.9	3.438	87.3
902	5/5/2013 23:15:51	11.80	50.90	33.30	7.69	7.88	10.8	3.354	87.6
903	5/5/2013 23:30:51	12.31	50.82	33.27	7.86	7.91	12.5	3.279	90.4
904	5/5/2013 23:45:50	12.81	50.39	32.97	7.88	7.91	12.1	3.161	91.5
905	5/6/2013 0:00:50	13.08	50.58	33.12	7.80	7.91	15.9	3.054	91.2
906	5/6/2013 0:15:51	13.33	50.59	33.14	7.78	7.91	15.8	2.961	91.4
907	5/6/2013 0:30:50	13.59	50.31	32.95	7.77	7.91	13.9	2.858	91.7
908	5/6/2013 0:45:50	13.81	50.53	33.11	7.78	7.92	14.8	2.758	92.3
909	5/6/2013 1:00:50	13.62	50.41	33.02	7.85	7.91	17.4	2.649	92.7
910	5/6/2013 1:15:50	13.45	50.56	33.12	7.87	7.92	18.5	2.532	92.7
911	5/6/2013 1:30:50	13.76	48.72	31.79	8.00	7.95	15.4	2.446	94.0
912	5/6/2013 1:45:50	14.05	48.61	31.73	8.25	7.99	17.0	2.331	97.5
913	5/6/2013 2:00:50	14.14	48.68	31.78	8.27	8.00	14.9	2.210	97.9
914	5/6/2013 2:15:50	14.42	48.57	31.70	8.41	8.02	15.0	2.112	100.1
915	5/6/2013 2:30:50	14.81	48.64	31.77	8.58	8.05	14.7	2.002	103.0
916	5/6/2013 2:45:50	14.80	48.09	31.36	8.53	8.04	14.3	1.903	102.1
917	5/6/2013 3:00:50	15.00	48.37	31.57	8.58	8.06	15.0	1.808	103.3
918	5/6/2013 3:15:50	15.27	48.68	31.80	8.72	8.09	12.5	1.719	105.6
919	5/6/2013 3:30:50	15.63	48.56	31.73	9.00	8.13	11.1	1.658	109.8
920	5/6/2013 3:45:50	15.94	48.28	31.52	9.19	8.16	9.8	1.627	112.6
921	5/6/2013 4:00:50	16.06	47.75	31.15	9.29	8.17	9.2	1.599	113.8
922	5/6/2013 4:15:50	15.88	48.22	31.48	8.93	8.14	8.5	1.598	109.4
923	5/6/2013 4:30:50	15.90	47.94	31.28	9.04	8.15	8.3	1.617	110.6
924	5/6/2013 4:45:50	15.77	47.93	31.27	9.03	8.13	7.9	1.658	110.1
925	5/6/2013 5:00:50	15.80	48.54	31.71	8.97	8.13	9.5	1.715	109.7
926	5/6/2013 5:15:50	15.77	48.36	31.58	8.96	8.13	8.9	1.773	109.5
927	5/6/2013 5:30:50	15.92	48.41	31.62	8.57	8.13	12.6	1.842	105.1
928	5/6/2013 5:45:50	16.10	48.23	31.49	8.23	8.13	16.1	1.927	101.2
929	5/6/2013 6:00:50	15.99	48.12	31.41	8.20	8.12	15.5	2.004	100.6
930	5/6/2013 6:15:50	15.59	48.37	31.58	8.39	8.09	13.4	2.070	102.2
931	5/6/2013 6:30:50	15.42	48.52	31.69	8.37	8.07	12.3	2.147	101.7
932	5/6/2013 6:45:50	15.25	48.40	31.60	8.28	8.05	12.0	2.227	100.2
933	5/6/2013 7:00:50	14.80	48.32	31.53	8.13	8.01	11.5	2.304	97.4
934	5/6/2013 7:15:50	14.55	48.38	31.57	8.01	7.98	12.7	2.382	95.6
935	5/6/2013 7:30:50	14.30	48.55	31.68	7.90	7.95	11.1	2.448	93.9
936	5/6/2013 7:45:51	14.18	48.50	31.65	7.87	7.94	12.7	2.532	93.2
937	5/6/2013 8:00:50	13.99	48.32	31.51	7.85	7.93	13.8	2.612	92.6
938	5/6/2013 8:15:50	13.83	48.66	31.75	7.79	7.91	13.7	2.679	91.7
939	5/6/2013 8:30:51	13.68	48.87	31.90	7.75	7.91	14.5	2.750	91.0
940	5/6/2013 8:45:51	13.55	48.90	31.92	7.72	7.90	14.5	2.833	90.4
941	5/6/2013 9:00:50	13.36	48.71	31.77	7.70	7.90	14.9	2.898	89.7
942	5/6/2013 9:15:50	12.93	48.93	31.92	7.68	7.89	13.4	2.960	88.8
943	5/6/2013 9:30:51	12.78	49.08	32.02	7.66	7.88	12.2	3.029	88.3
944	5/6/2013 9:45:50	12.60	48.60	31.67	7.68	7.88	10.4	3.094	88.0
945	5/6/2013 10:00:51	12.55	49.10	32.03	7.63	7.88	9.4	3.135	87.6
946	5/6/2013 10:15:51	12.31	49.00	31.95	7.59	7.87	7.4	3.182	86.6
947	5/6/2013 10:30:51	12.08	49.09	32.00	7.49	7.86	5.8	3.213	85.1
948	5/6/2013 10:45:51	11.96	48.96	31.90	7.44	7.86	5.0	3.227	84.3
949	5/6/2013 11:00:51	12.16	49.02	31.96	7.49	7.87	8.1	3.219	85.3
950	5/6/2013 11:15:50	12.07	48.75	31.75	7.54	7.87	7.6	3.190	85.6
951	5/6/2013 11:30:51	12.20	49.37	32.21	7.50	7.87	9.0	3.146	85.5
952	5/6/2013 11:45:51	12.55	48.69	31.73	7.58	7.88	10.9	3.077	86.8
953	5/6/2013 12:00:51	13.50	49.08	32.05	7.84	7.91	15.6	2.997	91.8

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
954	5/6/2013 12:15:51	13.76	48.68	31.77	7.91	7.92	15.0	2.916	92.9
955	5/6/2013 12:30:50	13.66	48.80	31.85	7.93	7.92	18.5	2.821	93.0
956	5/6/2013 12:45:51	13.89	48.87	31.91	8.00	7.94	22.5	2.723	94.3
957	5/6/2013 13:00:51	14.24	48.87	31.92	8.13	7.96	21.7	2.644	96.6
958	5/6/2013 13:15:50	14.69	48.65	31.77	8.30	7.98	20.3	2.550	99.4
959	5/6/2013 13:30:50	15.15	48.57	31.73	8.51	8.00	23.6	2.468	102.8
960	5/6/2013 13:45:50	15.43	48.53	31.70	8.69	8.02	21.7	2.385	105.6
961	5/6/2013 14:00:50	15.49	48.45	31.65	8.77	8.03	17.7	2.303	106.7
962	5/6/2013 14:15:50	15.69	48.39	31.60	8.94	8.04	15.8	2.216	109.1
963	5/6/2013 14:30:50	15.72	48.77	31.88	9.11	8.06	15.6	2.141	111.4
964	5/6/2013 14:45:50	16.05	48.85	31.94	9.37	8.09	14.3	2.065	115.4
965	5/6/2013 15:00:50	16.05	48.91	31.99	9.29	8.08	13.8	1.994	114.4
966	5/6/2013 15:15:50	16.42	48.97	32.04	9.54	8.11	15.3	1.936	118.4
967	5/6/2013 15:30:50	16.43	48.87	31.96	9.87	8.15	9.8	1.900	122.5
968	5/6/2013 15:45:50	16.68	48.90	31.99	10.13	8.17	10.3	1.880	126.4
969	5/6/2013 16:00:50	16.63	49.60	32.50	9.37	8.09	10.4	1.858	117.1
970	5/6/2013 16:15:50	16.56	49.03	32.08	9.87	8.13	10.0	1.879	122.8
971	5/6/2013 16:30:50	16.54	48.91	31.99	10.02	8.16	9.3	1.909	124.7
972	5/6/2013 16:45:50	16.67	48.92	32.00	10.50	8.21	8.7	1.948	130.9
973	5/6/2013 17:00:50	16.57	48.82	31.93	10.28	8.19	9.7	1.995	127.9
974	5/6/2013 17:15:50	16.38	48.70	31.84	9.98	8.16	10.9	2.072	123.7
975	5/6/2013 17:30:50	16.75	48.85	31.95	9.87	8.17	16.2	2.152	123.3
976	5/6/2013 17:45:50	16.80	49.11	32.15	9.82	8.17	15.0	2.217	122.9
977	5/6/2013 18:00:50	16.59	49.20	32.21	9.73	8.16	13.3	2.299	121.3
978	5/6/2013 18:15:50	16.14	49.16	32.17	9.47	8.11	13.7	2.384	117.0
979	5/6/2013 18:30:50	15.71	49.51	32.42	9.00	8.06	14.0	2.458	110.5
980	5/6/2013 18:45:50	15.44	49.03	32.07	8.73	8.03	13.0	2.543	106.3
981	5/6/2013 19:00:50	14.94	49.09	32.10	8.41	7.99	14.1	2.625	101.4
982	5/6/2013 19:15:50	14.50	49.16	32.13	8.11	7.95	14.2	2.706	96.9
983	5/6/2013 19:30:50	14.37	49.12	32.10	8.04	7.94	12.8	2.790	95.9
984	5/6/2013 19:45:50	14.15	49.16	32.13	8.02	7.94	19.6	2.874	95.2
985	5/6/2013 20:00:50	13.77	49.21	32.15	7.89	7.92	17.5	2.964	93.0
986	5/6/2013 20:15:50	13.41	49.10	32.06	7.86	7.91	19.7	3.048	91.8
987	5/6/2013 20:30:51	12.96	49.21	32.12	8.02	7.91	19.7	3.142	92.9
988	5/6/2013 20:45:50	12.65	49.19	32.09	8.11	7.91	21.4	3.237	93.3
989	5/6/2013 21:00:50	12.24	49.14	32.04	8.18	7.91	14.4	3.323	93.3
990	5/6/2013 21:15:51	12.03	49.42	32.23	8.28	7.92	9.4	3.421	94.1
991	5/6/2013 21:30:51	11.51	49.36	32.16	8.62	7.93	7.3	3.504	96.9
992	5/6/2013 21:45:51	11.22	49.45	32.22	8.92	7.95	6.2	3.565	99.7
993	5/6/2013 22:00:51	11.13	49.39	32.17	9.05	7.96	7.5	3.628	100.9
994	5/6/2013 22:15:50	11.03	49.36	32.14	9.12	7.96	5.1	3.673	101.5
995	5/6/2013 22:30:50	11.04	49.34	32.13	9.03	7.96	4.6	3.697	100.5
996	5/6/2013 22:45:51	11.54	49.24	32.08	8.68	7.95	6.7	3.700	97.5
997	5/6/2013 23:00:50	11.32	49.37	32.17	8.74	7.95	7.0	3.682	97.8
998	5/6/2013 23:15:51	11.17	49.55	32.29	8.89	7.96	7.0	3.637	99.3
999	5/6/2013 23:30:51	11.57	49.38	32.18	8.69	7.95	9.4	3.572	97.8
1000	5/6/2013 23:45:51	12.21	49.31	32.16	8.36	7.94	11.9	3.486	95.3
1001	5/7/2013 0:00:51	11.93	49.29	32.14	8.65	7.96	11.2	3.406	98.1
1002	5/7/2013 0:15:51	12.98	49.22	32.13	8.39	7.97	10.0	3.282	97.2
1003	5/7/2013 0:30:50	13.20	49.09	32.04	8.18	7.96	18.6	3.177	95.1
1004	5/7/2013 0:45:51	13.28	49.03	32.01	8.06	7.95	14.4	3.078	93.9
1005	5/7/2013 1:00:51	13.58	49.11	32.07	7.98	7.94	13.1	2.962	93.6
1006	5/7/2013 1:15:50	13.90	48.93	31.95	7.96	7.95	14.8	2.848	94.0

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1007	5/7/2013 1:30:50	14.26	49.06	32.06	7.93	7.96	18.5	2.740	94.4
1008	5/7/2013 1:45:50	14.14	48.83	31.89	8.04	7.96	17.5	2.632	95.2
1009	5/7/2013 2:00:51	13.78	49.10	32.08	8.11	7.96	16.6	2.513	95.5
1010	5/7/2013 2:15:50	14.25	48.68	31.78	8.25	8.00	17.0	2.386	98.0
1011	5/7/2013 2:30:51	14.71	48.65	31.77	8.38	8.03	14.5	2.279	100.4
1012	5/7/2013 2:45:50	14.47	48.68	31.79	8.33	8.01	15.7	2.142	99.4
1013	5/7/2013 3:00:50	14.99	48.48	31.65	8.48	8.05	15.1	2.021	102.2
1014	5/7/2013 3:15:50	15.05	48.38	31.58	8.50	8.05	15.7	1.912	102.4
1015	5/7/2013 3:30:50	15.12	48.61	31.75	8.46	8.05	15.6	1.791	102.2
1016	5/7/2013 3:45:50	15.35	48.52	31.69	8.63	8.07	12.9	1.682	104.7
1017	5/7/2013 4:00:50	16.00	50.78	33.35	9.04	8.15	11.5	1.597	112.1
1018	5/7/2013 4:15:50	16.11	48.91	31.99	9.16	8.15	11.3	1.525	113.0
1019	5/7/2013 4:30:50	16.66	48.71	31.85	9.68	8.23	10.8	1.476	120.6
1020	5/7/2013 4:45:50	16.59	48.79	31.91	9.61	8.21	9.3	1.449	119.5
1021	5/7/2013 5:00:50	16.61	48.54	31.72	9.39	8.21	8.7	1.458	116.8
1022	5/7/2013 5:15:50	16.38	48.56	31.74	9.34	8.18	8.8	1.484	115.6
1023	5/7/2013 5:30:50	16.40	48.58	31.75	9.27	8.18	8.8	1.503	114.8
1024	5/7/2013 5:45:50	16.29	48.43	31.64	9.19	8.17	9.7	1.578	113.5
1025	5/7/2013 6:00:50	16.29	48.14	31.43	9.29	8.17	9.8	1.649	114.6
1026	5/7/2013 6:15:50	16.21	48.43	31.64	9.16	8.15	10.0	1.718	112.9
1027	5/7/2013 6:30:50	16.34	48.28	31.54	8.82	8.15	11.8	1.802	109.0
1028	5/7/2013 6:45:50	16.28	48.40	31.62	8.69	8.13	12.8	1.879	107.3
1029	5/7/2013 7:00:50	16.24	48.23	31.50	8.65	8.13	12.5	1.956	106.7
1030	5/7/2013 7:15:50	16.03	48.47	31.66	8.68	8.11	12.0	2.039	106.6
1031	5/7/2013 7:30:50	15.84	48.43	31.63	8.62	8.10	11.9	2.125	105.5
1032	5/7/2013 7:45:50	15.49	48.40	31.61	8.39	8.06	12.2	2.201	102.0
1033	5/7/2013 8:00:50	15.29	48.53	31.70	8.22	8.04	11.9	2.287	99.6
1034	5/7/2013 8:15:50	15.07	48.45	31.64	8.13	8.01	12.2	2.379	98.0
1035	5/7/2013 8:30:50	14.87	48.64	31.77	8.01	7.99	12.5	2.461	96.3
1036	5/7/2013 8:45:51	14.74	48.98	32.01	7.98	7.98	12.5	2.546	95.8
1037	5/7/2013 9:00:51	14.61	49.01	32.03	7.95	7.97	12.3	2.630	95.2
1038	5/7/2013 9:15:51	14.42	48.84	31.90	7.89	7.96	14.7	2.709	94.0
1039	5/7/2013 9:30:51	14.16	48.60	31.72	7.89	7.95	14.0	2.791	93.4
1040	5/7/2013 9:45:50	14.02	48.62	31.73	7.87	7.94	11.7	2.858	92.9
1041	5/7/2013 10:00:51	13.55	48.84	31.87	7.91	7.93	15.0	2.942	92.7
1042	5/7/2013 10:15:50	13.38	48.62	31.71	7.94	7.93	13.1	3.002	92.6
1043	5/7/2013 10:30:50	13.20	48.95	31.94	7.97	7.93	10.4	3.068	92.7
1044	5/7/2013 10:45:51	12.97	48.76	31.79	8.05	7.92	8.4	3.138	93.1
1045	5/7/2013 11:00:51	12.49	48.91	31.88	8.17	7.93	7.5	3.184	93.6
1046	5/7/2013 11:15:51	12.28	49.51	32.31	8.18	7.92	7.5	3.225	93.6
1047	5/7/2013 11:30:51	12.17	49.33	32.18	8.12	7.92	5.9	3.248	92.5
1048	5/7/2013 11:45:51	12.49	48.74	31.76	8.14	7.93	7.6	3.268	93.2
1049	5/7/2013 12:00:51	12.27	49.04	31.97	8.12	7.93	8.0	3.246	92.7
1050	5/7/2013 12:15:50	12.12	48.87	31.84	8.27	7.93	6.2	3.211	93.9
1051	5/7/2013 12:30:51	12.22	49.10	32.01	8.22	7.93	7.9	3.156	93.7
1052	5/7/2013 12:45:50	13.56	48.75	31.81	8.18	7.95	11.9	3.086	95.8
1053	5/7/2013 13:00:51	13.76	48.84	31.88	8.23	7.96	12.0	3.015	96.8
1054	5/7/2013 13:15:50	14.14	49.20	32.15	8.32	7.97	13.6	2.919	98.8
1055	5/7/2013 13:30:50	14.28	49.18	32.14	8.32	7.99	14.8	2.825	99.0
1056	5/7/2013 13:45:50	14.56	49.13	32.12	8.39	8.00	14.5	2.747	100.4
1057	5/7/2013 14:00:50	14.95	49.00	32.03	8.66	8.03	14.7	2.655	104.4
1058	5/7/2013 14:15:50	15.24	48.94	32.00	8.78	8.04	13.2	2.578	106.5
1059	5/7/2013 14:30:50	15.61	48.87	31.95	9.02	8.06	13.7	2.483	110.2

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1060	5/7/2013 14:45:50	15.70	48.74	31.86	9.16	8.07	11.2	2.410	111.9
1061	5/7/2013 15:00:50	15.71	48.60	31.76	9.22	8.08	9.6	2.334	112.6
1062	5/7/2013 15:15:50	15.87	48.84	31.93	9.50	8.11	10.4	2.248	116.6
1063	5/7/2013 15:30:50	16.11	48.66	31.81	9.82	8.12	9.6	2.170	120.9
1064	5/7/2013 15:45:50	16.33	48.76	31.88	10.04	8.16	9.2	2.108	124.2
1065	5/7/2013 16:00:50	16.52	49.02	32.07	10.29	8.18	8.7	2.068	128.1
1066	5/7/2013 16:15:50	16.58	49.14	32.16	10.28	8.18	8.4	2.013	128.1
1067	5/7/2013 16:30:50	16.84	49.01	32.07	10.81	8.19	8.5	1.991	135.3
1068	5/7/2013 16:45:50	16.82	48.83	31.94	10.36	8.17	7.0	1.985	129.5
1069	5/7/2013 17:00:50	16.74	48.84	31.94	10.58	8.19	7.2	1.986	132.1
1070	5/7/2013 17:15:50	16.66	48.97	32.04	10.61	8.19	7.3	2.015	132.3
1071	5/7/2013 17:30:50	16.57	49.00	32.06	10.47	8.19	7.5	2.061	130.3
1072	5/7/2013 17:45:50	16.62	49.01	32.07	10.60	8.21	7.5	2.114	132.1
1073	5/7/2013 18:00:50	16.39	48.88	31.97	10.17	8.17	8.8	2.182	126.1
1074	5/7/2013 18:15:50	16.62	48.87	31.96	10.26	8.18	12.1	2.257	127.8
1075	5/7/2013 18:30:50	16.59	48.58	31.76	10.23	8.18	11.1	2.329	127.2
1076	5/7/2013 18:45:50	16.23	48.87	31.96	9.81	8.14	10.0	2.410	121.3
1077	5/7/2013 19:00:50	16.03	48.88	31.96	9.61	8.11	9.8	2.490	118.3
1078	5/7/2013 19:15:50	15.59	48.71	31.84	9.11	8.06	10.6	2.566	111.1
1079	5/7/2013 19:30:50	15.36	49.19	32.18	8.91	8.04	12.0	2.649	108.3
1080	5/7/2013 19:45:50	14.68	49.00	32.03	8.45	7.99	10.4	2.730	101.3
1081	5/7/2013 20:00:50	14.52	48.85	31.91	8.34	7.98	10.6	2.813	99.6
1082	5/7/2013 20:15:50	14.33	49.76	32.57	8.29	7.97	11.7	2.898	99.1
1083	5/7/2013 20:30:50	13.97	49.79	32.58	8.30	7.96	12.3	2.979	98.5
1084	5/7/2013 20:45:51	13.60	49.77	32.55	8.38	7.96	13.4	3.072	98.6
1085	5/7/2013 21:00:51	13.16	49.39	32.26	8.47	7.96	16.8	3.166	98.6
1086	5/7/2013 21:15:50	12.66	49.47	32.30	8.71	7.96	14.5	3.248	100.4
1087	5/7/2013 21:30:50	12.31	49.45	32.27	8.77	7.96	11.4	3.349	100.4
1088	5/7/2013 21:45:51	12.04	50.85	33.28	8.74	7.96	11.2	3.433	100.1
1089	5/7/2013 22:00:51	11.80	50.96	33.35	8.78	7.96	8.4	3.506	100.1
1090	5/7/2013 22:15:51	11.56	50.37	32.90	8.89	7.96	6.4	3.583	100.5
1091	5/7/2013 22:30:51	11.27	50.63	33.07	8.96	7.96	6.4	3.648	100.8
1092	5/7/2013 22:45:51	11.09	50.86	33.23	9.04	7.96	5.7	3.693	101.4
1093	5/7/2013 23:00:51	11.07	50.76	33.16	8.94	7.96	6.1	3.725	100.2
1094	5/7/2013 23:15:51	11.83	50.48	33.00	8.67	7.97	6.8	3.741	98.7
1095	5/7/2013 23:30:51	11.44	50.71	33.14	8.76	7.96	4.9	3.731	98.9
1096	5/7/2013 23:45:50	11.19	50.85	33.23	8.87	7.96	4.5	3.706	99.7
1097	5/8/2013 0:00:51	11.24	50.94	33.30	8.80	7.96	6.7	3.648	99.1
1098	5/8/2013 0:15:51	12.11	50.69	33.16	8.56	7.96	8.1	3.571	98.1
1099	5/8/2013 0:30:51	11.86	50.64	33.11	8.62	7.96	10.6	3.489	98.2
1100	5/8/2013 0:45:51	12.64	50.73	33.22	8.71	8.00	9.2	3.378	100.9
1101	5/8/2013 1:00:51	13.30	50.55	33.11	8.49	7.99	15.9	3.268	99.6
1102	5/8/2013 1:15:50	13.26	50.63	33.17	8.56	8.00	14.8	3.162	100.5
1103	5/8/2013 1:30:51	13.45	50.69	33.22	8.48	7.99	16.4	3.037	99.9
1104	5/8/2013 1:45:51	13.56	50.61	33.16	8.47	7.99	11.7	2.929	100.0
1105	5/8/2013 2:00:50	14.04	50.38	33.02	8.37	8.00	12.9	2.814	99.7
1106	5/8/2013 2:15:50	14.24	50.58	33.17	8.35	8.00	16.4	2.693	99.9
1107	5/8/2013 2:30:50	14.33	50.44	33.07	8.47	8.01	13.8	2.558	101.5
1108	5/8/2013 2:45:50	14.30	50.19	32.88	8.61	8.02	16.0	2.443	103.0
1109	5/8/2013 3:00:50	14.34	50.36	33.01	8.61	8.03	13.4	2.331	103.2
1110	5/8/2013 3:15:50	14.65	50.28	32.96	8.64	8.04	13.1	2.188	104.1
1111	5/8/2013 3:30:50	14.92	50.23	32.93	8.72	8.06	14.1	2.061	105.6
1112	5/8/2013 3:45:50	15.03	50.16	32.88	8.82	8.07	14.4	1.932	107.1

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1113	5/8/2013 4:00:50	15.15	50.30	32.98	8.81	8.08	13.9	1.812	107.3
1114	5/8/2013 4:15:50	15.42	50.30	32.99	8.92	8.10	13.1	1.689	109.2
1115	5/8/2013 4:30:50	15.73	50.20	32.92	9.08	8.12	12.8	1.575	111.8
1116	5/8/2013 4:45:50	15.84	50.40	33.07	9.12	8.13	11.7	1.479	112.6
1117	5/8/2013 5:00:50	16.09	50.34	33.03	9.36	8.16	10.8	1.404	116.1
1118	5/8/2013 5:15:50	16.18	50.29	33.00	9.39	8.16	9.5	1.352	116.6
1119	5/8/2013 5:30:50	16.40	50.20	32.94	9.81	8.21	9.4	1.328	122.3
1120	5/8/2013 5:45:50	16.58	50.36	33.06	10.11	8.26	8.4	1.336	126.7
1121	5/8/2013 6:00:50	16.72	50.09	32.86	10.17	8.26	8.6	1.376	127.6
1122	5/8/2013 6:15:50	16.61	50.01	32.80	10.20	8.25	9.0	1.418	127.7
1123	5/8/2013 6:30:50	16.69	49.88	32.70	10.39	8.27	8.4	1.483	130.2
1124	5/8/2013 6:45:50	16.66	49.90	32.72	10.31	8.26	8.9	1.554	129.1
1125	5/8/2013 7:00:50	16.66	49.88	32.71	9.98	8.25	12.1	1.643	125.0
1126	5/8/2013 7:15:50	16.50	49.98	32.77	9.82	8.22	10.9	1.717	122.6
1127	5/8/2013 7:30:50	16.46	49.95	32.75	9.58	8.21	11.5	1.791	119.5
1128	5/8/2013 7:45:50	16.47	49.86	32.68	9.45	8.20	12.1	1.882	117.9
1129	5/8/2013 8:00:50	16.26	48.65	31.80	9.45	8.18	11.8	1.969	116.8
1130	5/8/2013 8:15:50	16.10	50.09	32.85	9.26	8.16	10.8	2.053	114.8
1131	5/8/2013 8:30:50	15.83	49.94	32.73	9.02	8.13	11.9	2.145	111.2
1132	5/8/2013 8:45:50	15.56	49.80	32.63	8.75	8.09	11.4	2.241	107.1
1133	5/8/2013 9:00:50	15.28	50.21	32.92	8.55	8.05	12.5	2.335	104.3
1134	5/8/2013 9:15:50	15.09	50.15	32.88	8.39	8.03	11.4	2.433	102.0
1135	5/8/2013 9:30:50	14.91	50.22	32.92	8.36	8.02	11.9	2.522	101.3
1136	5/8/2013 9:45:50	14.84	50.80	33.34	8.30	8.01	12.7	2.612	100.6
1137	5/8/2013 10:00:50	14.60	50.57	33.17	8.30	8.00	12.7	2.692	100.1
1138	5/8/2013 10:15:50	14.39	50.61	33.19	8.25	8.00	12.6	2.777	99.1
1139	5/8/2013 10:30:51	14.19	50.50	33.11	8.23	7.99	13.6	2.864	98.4
1140	5/8/2013 10:45:50	13.80	50.31	32.96	8.26	7.97	13.3	2.935	97.8
1141	5/8/2013 11:00:51	13.53	50.61	33.16	8.27	7.97	12.5	3.009	97.5
1142	5/8/2013 11:15:51	13.06	50.53	33.09	8.23	7.95	10.8	3.082	96.2
1143	5/8/2013 11:30:51	12.43	50.59	33.11	8.21	7.94	10.0	3.150	94.6
1144	5/8/2013 11:45:51	12.11	50.64	33.12	8.28	7.94	8.6	3.200	94.8
1145	5/8/2013 12:00:51	12.01	50.64	33.12	8.28	7.93	6.2	3.244	94.6
1146	5/8/2013 12:15:51	11.89	50.40	32.94	8.26	7.94	4.8	3.285	94.0
1147	5/8/2013 12:30:50	12.40	50.44	32.99	8.33	7.95	7.0	3.292	95.9
1148	5/8/2013 12:45:51	12.12	50.43	32.98	8.14	7.93	6.7	3.282	93.2
1149	5/8/2013 13:00:51	12.03	50.66	33.14	8.14	7.93	6.4	3.255	93.1
1150	5/8/2013 13:15:51	12.10	50.68	33.15	8.17	7.94	7.2	3.203	93.6
1151	5/8/2013 13:30:51	12.92	50.44	33.01	8.32	7.97	12.3	3.132	96.9
1152	5/8/2013 13:45:51	13.66	50.45	33.05	8.69	8.00	10.3	3.061	102.7
1153	5/8/2013 14:00:51	13.66	50.39	33.01	8.75	8.00	10.4	2.968	103.4
1154	5/8/2013 14:15:50	14.37	50.00	32.75	8.78	8.03	15.6	2.883	105.1
1155	5/8/2013 14:30:50	14.49	50.08	32.81	8.83	8.04	14.9	2.800	106.0
1156	5/8/2013 14:45:50	14.77	50.23	32.93	8.95	8.06	13.1	2.722	108.2
1157	5/8/2013 15:00:51	15.04	50.24	32.94	9.07	8.08	13.9	2.635	110.2
1158	5/8/2013 15:15:50	15.37	50.04	32.80	9.38	8.10	13.7	2.551	114.6
1159	5/8/2013 15:30:50	15.44	50.13	32.87	9.44	8.11	12.2	2.481	115.5
1160	5/8/2013 15:45:50	15.44	50.01	32.78	9.76	8.12	10.9	2.399	119.3
1161	5/8/2013 16:00:50	15.24	50.16	32.88	10.44	8.15	9.8	2.326	127.3
1162	5/8/2013 16:15:50	15.42	50.39	33.06	10.94	8.19	8.7	2.259	134.0
1163	5/8/2013 16:30:50	16.03	50.24	32.96	10.94	8.23	8.2	2.187	135.6
1164	5/8/2013 16:45:50	16.29	50.17	32.91	11.33	8.27	8.3	2.146	141.0
1165	5/8/2013 17:00:50	16.42	50.18	32.92	11.32	8.27	7.6	2.104	141.3

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1166	5/8/2013 17:15:50	16.47	50.10	32.86	11.43	8.28	7.5	2.094	142.7
1167	5/8/2013 17:30:50	16.57	50.07	32.84	11.02	8.26	5.8	2.083	137.9
1168	5/8/2013 17:45:50	16.58	50.08	32.85	11.52	8.29	7.0	2.095	144.1
1169	5/8/2013 18:00:50	16.45	49.96	32.76	11.37	8.28	6.9	2.125	141.8
1170	5/8/2013 18:15:50	16.34	50.04	32.82	11.11	8.26	7.6	2.161	138.3
1171	5/8/2013 18:30:50	16.29	50.02	32.80	10.88	8.24	8.6	2.225	135.4
1172	5/8/2013 18:45:50	16.09	49.99	32.78	10.54	8.21	9.2	2.289	130.6
1173	5/8/2013 19:00:50	16.19	49.98	32.77	10.73	8.22	11.0	2.360	133.1
1174	5/8/2013 19:15:50	15.88	50.11	32.86	10.26	8.18	9.8	2.437	126.6
1175	5/8/2013 19:30:50	15.72	50.13	32.88	9.98	8.16	10.0	2.508	122.8
1176	5/8/2013 19:45:50	15.52	49.90	32.70	9.74	8.13	8.2	2.584	119.2
1177	5/8/2013 20:00:50	15.23	50.16	32.88	9.45	8.10	10.5	2.661	115.2
1178	5/8/2013 20:15:50	14.65	50.22	32.91	8.96	8.05	10.1	2.743	108.0
1179	5/8/2013 20:30:50	14.26	50.20	32.89	8.69	8.02	9.0	2.823	103.9
1180	5/8/2013 20:45:50	14.10	50.25	32.92	8.64	8.01	10.1	2.908	102.9
1181	5/8/2013 21:00:50	13.88	50.31	32.95	8.60	8.00	11.4	2.998	102.0
1182	5/8/2013 21:15:51	13.37	50.44	33.04	8.52	7.98	11.8	3.083	100.1
1183	5/8/2013 21:30:51	13.16	50.50	33.07	8.53	7.98	14.1	3.168	99.8
1184	5/8/2013 21:45:51	12.54	50.53	33.07	8.60	7.97	13.6	3.255	99.4
1185	5/8/2013 22:00:51	12.15	50.64	33.13	8.60	7.97	11.4	3.343	98.6
1186	5/8/2013 22:15:51	11.84	50.82	33.24	8.55	7.96	9.5	3.431	97.5
1187	5/8/2013 22:30:51	11.52	50.84	33.24	8.63	7.95	8.1	3.506	97.7
1188	5/8/2013 22:45:51	11.33	50.78	33.19	8.65	7.95	7.6	3.579	97.5
1189	5/8/2013 23:00:51	11.04	50.87	33.24	8.66	7.95	5.7	3.644	97.0
1190	5/8/2013 23:15:51	10.84	50.94	33.28	8.75	7.95	4.8	3.694	97.7
1191	5/8/2013 23:30:51	10.78	50.85	33.21	8.73	7.95	4.3	3.733	97.2
1192	5/8/2013 23:45:51	10.76	50.79	33.16	8.68	7.95	4.2	3.757	96.7
1193	5/9/2013 0:00:51	11.04	50.82	33.20	8.54	7.95	5.1	3.751	95.7
1194	5/9/2013 0:15:51	10.91	51.07	33.37	8.60	7.95	4.7	3.725	96.2
1195	5/9/2013 0:30:51	10.94	50.83	33.20	8.58	7.95	5.0	3.674	95.9
1196	5/9/2013 0:45:51	11.97	50.85	33.27	8.41	7.97	8.6	3.596	96.2
1197	5/9/2013 1:00:51	11.74	50.64	33.11	8.45	7.96	9.2	3.505	96.0
1198	5/9/2013 1:15:50	12.11	50.68	33.16	8.61	7.99	9.1	3.409	98.6
1199	5/9/2013 1:30:51	13.22	50.56	33.12	8.62	8.02	13.1	3.307	101.0
1200	5/9/2013 1:45:50	13.11	50.58	33.13	8.65	8.02	15.0	3.192	101.1
1201	5/9/2013 2:00:51	13.12	50.59	33.13	8.62	8.01	12.4	3.076	100.8
1202	5/9/2013 2:15:50	13.54	50.66	33.20	8.62	8.03	11.7	2.960	101.8
1203	5/9/2013 2:30:50	14.05	50.24	32.91	8.66	8.04	14.8	2.851	103.0
1204	5/9/2013 2:45:50	13.48	50.39	33.00	8.44	8.00	15.0	2.725	99.4
1205	5/9/2013 3:00:50	14.24	50.39	33.03	8.73	8.05	15.8	2.596	104.4
1206	5/9/2013 3:15:50	14.13	50.40	33.03	8.78	8.06	12.6	2.478	104.7
1207	5/9/2013 3:30:50	14.34	50.12	32.83	8.84	8.07	16.5	2.337	105.8
1208	5/9/2013 3:45:50	14.13	50.36	33.00	8.71	8.06	14.2	2.206	103.9
1209	5/9/2013 4:00:50	14.59	50.41	33.05	9.04	8.10	13.6	2.070	108.9
1210	5/9/2013 4:15:51	14.70	50.22	32.91	8.92	8.10	14.5	1.936	107.6
1211	5/9/2013 4:30:50	14.75	50.04	32.79	8.98	8.11	15.9	1.790	108.4
1212	5/9/2013 4:45:50	15.19	50.12	32.86	9.20	8.14	16.1	1.661	112.0
1213	5/9/2013 5:00:50	15.31	50.02	32.79	9.13	8.14	13.2	1.539	111.4
1214	5/9/2013 5:15:50	15.44	49.99	32.77	9.14	8.15	12.2	1.420	111.8
1215	5/9/2013 5:30:50	15.53	49.89	32.69	9.17	8.15	11.2	1.322	112.3
1216	5/9/2013 5:45:50	15.55	49.96	32.75	9.15	8.16	12.3	1.268	112.1
1217	5/9/2013 6:00:50	15.83	50.06	32.82	9.47	8.20	11.5	1.230	116.7
1218	5/9/2013 6:15:50	15.57	50.05	32.81	9.14	8.17	10.4	1.226	112.2

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1219	5/9/2013 6:30:50	16.13	49.77	32.62	9.80	8.26	12.8	1.249	121.4
1220	5/9/2013 6:45:50	16.20	49.80	32.64	10.03	8.29	9.2	1.296	124.4
1221	5/9/2013 7:00:50	16.10	49.90	32.71	9.83	8.26	9.5	1.364	121.7
1222	5/9/2013 7:15:50	16.22	50.07	32.83	10.08	8.30	10.0	1.435	125.2
1223	5/9/2013 7:30:50	16.15	50.02	32.80	9.98	8.28	9.5	1.513	123.9
1224	5/9/2013 7:45:50	16.12	49.62	32.50	9.71	8.26	12.6	1.587	120.2
1225	5/9/2013 8:00:50	16.02	49.70	32.57	9.61	8.25	11.4	1.677	118.8
1226	5/9/2013 8:15:50	15.96	49.75	32.60	9.42	8.23	12.5	1.754	116.2
1227	5/9/2013 8:30:50	15.91	49.77	32.61	9.36	8.22	12.8	1.830	115.4
1228	5/9/2013 8:45:50	15.73	50.04	32.80	9.27	8.20	11.1	1.923	114.0
1229	5/9/2013 9:00:51	15.64	50.05	32.81	9.21	8.19	11.2	2.016	113.1
1230	5/9/2013 9:15:50	15.39	50.01	32.78	9.02	8.15	10.9	2.106	110.3
1231	5/9/2013 9:30:51	15.23	50.19	32.91	8.88	8.13	11.5	2.197	108.2
1232	5/9/2013 9:45:50	14.93	49.96	32.73	8.72	8.09	10.4	2.302	105.6
1233	5/9/2013 10:00:50	14.81	50.07	32.81	8.64	8.07	11.8	2.405	104.4
1234	5/9/2013 10:15:50	14.71	50.11	32.84	8.60	8.06	11.5	2.495	103.7
1235	5/9/2013 10:30:50	14.60	49.99	32.74	8.59	8.06	13.3	2.584	103.3
1236	5/9/2013 10:45:50	14.36	49.94	32.70	8.58	8.05	12.8	2.682	102.6
1237	5/9/2013 11:00:51	14.20	50.18	32.87	8.52	8.04	13.6	2.773	101.7
1238	5/9/2013 11:15:51	13.97	50.15	32.84	8.44	8.02	14.5	2.845	100.3
1239	5/9/2013 11:30:50	13.61	50.13	32.81	8.45	8.01	13.0	2.932	99.6
1240	5/9/2013 11:45:51	13.29	50.11	32.79	8.46	8.00	11.5	3.005	99.1
1241	5/9/2013 12:00:50	12.88	50.32	32.93	8.34	7.98	12.1	3.074	97.0
1242	5/9/2013 12:15:51	12.25	50.50	33.03	8.32	7.96	9.5	3.137	95.5
1243	5/9/2013 12:30:51	11.94	50.75	33.20	8.30	7.95	7.8	3.186	94.8
1244	5/9/2013 12:45:51	11.78	50.80	33.23	8.35	7.95	6.4	3.244	95.1
1245	5/9/2013 13:00:51	11.74	50.52	33.02	8.25	7.95	5.3	3.262	93.7
1246	5/9/2013 13:15:50	12.17	50.71	33.18	8.42	7.97	5.3	3.274	96.6
1247	5/9/2013 13:30:51	11.87	50.63	33.11	8.14	7.95	6.6	3.269	92.8
1248	5/9/2013 13:45:51	11.86	50.72	33.17	8.16	7.95	7.0	3.242	93.0
1249	5/9/2013 14:00:51	11.95	50.54	33.04	8.16	7.95	7.1	3.188	93.1
1250	5/9/2013 14:15:50	12.92	50.35	32.95	8.62	8.01	14.1	3.118	100.3
1251	5/9/2013 14:30:51	13.20	50.34	32.96	8.92	8.03	10.1	3.051	104.4
1252	5/9/2013 14:45:50	13.21	50.26	32.90	8.93	8.03	10.8	2.963	104.4
1253	5/9/2013 15:00:51	13.56	50.17	32.85	9.02	8.05	13.6	2.881	106.3
1254	5/9/2013 15:15:50	14.13	50.03	32.76	9.07	8.08	14.7	2.796	108.0
1255	5/9/2013 15:30:50	14.32	50.29	32.96	9.08	8.09	14.2	2.717	108.7
1256	5/9/2013 15:45:50	14.56	50.14	32.86	9.31	8.11	12.9	2.642	111.9
1257	5/9/2013 16:00:50	14.56	50.09	32.82	9.90	8.13	9.2	2.561	119.0
1258	5/9/2013 16:15:50	14.60	50.16	32.87	10.14	8.15	9.7	2.480	122.1
1259	5/9/2013 16:30:50	14.70	50.03	32.78	10.33	8.16	9.4	2.419	124.5
1260	5/9/2013 16:45:50	14.88	50.11	32.84	10.20	8.17	10.8	2.354	123.4
1261	5/9/2013 17:00:50	15.18	49.92	32.71	10.48	8.21	9.0	2.281	127.5
1262	5/9/2013 17:15:50	15.37	50.69	33.28	10.74	8.24	8.3	2.230	131.5
1263	5/9/2013 17:30:50	15.60	50.74	33.32	10.76	8.26	10.9	2.194	132.5
1264	5/9/2013 17:45:50	15.68	50.62	33.23	10.93	8.28	7.8	2.165	134.7
1265	5/9/2013 18:00:50	15.77	50.52	33.16	10.94	8.29	6.8	2.152	135.0
1266	5/9/2013 18:15:50	15.75	50.71	33.30	10.81	8.26	7.9	2.158	133.4
1267	5/9/2013 18:30:51	15.70	50.63	33.24	10.89	8.27	7.3	2.178	134.2
1268	5/9/2013 18:45:50	15.62	49.88	32.69	10.83	8.27	10.9	2.216	132.9
1269	5/9/2013 19:00:50	15.54	50.19	32.91	10.47	8.24	8.1	2.258	128.5
1270	5/9/2013 19:15:50	15.50	50.05	32.81	10.45	8.24	9.4	2.314	127.9
1271	5/9/2013 19:30:50	15.29	50.06	32.81	10.04	8.20	8.3	2.385	122.4

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1272	5/9/2013 19:45:50	15.33	49.93	32.72	10.25	8.22	10.9	2.458	125.0
1273	5/9/2013 20:00:50	15.11	50.16	32.88	9.81	8.17	8.6	2.523	119.3
1274	5/9/2013 20:15:51	14.97	50.25	32.95	9.71	8.16	8.8	2.599	117.7
1275	5/9/2013 20:30:50	14.75	50.13	32.85	9.48	8.13	9.0	2.672	114.4
1276	5/9/2013 20:45:51	14.50	50.33	32.99	9.32	8.11	8.9	2.749	112.0
1277	5/9/2013 21:00:51	13.91	50.33	32.97	8.95	8.06	10.3	2.829	106.3
1278	5/9/2013 21:15:50	13.64	50.32	32.96	8.80	8.04	8.1	2.897	103.9
1279	5/9/2013 21:30:51	13.40	50.45	33.04	8.74	8.03	8.1	2.991	102.8
1280	5/9/2013 21:45:51	13.25	50.36	32.97	8.75	8.03	9.0	3.078	102.5
1281	5/9/2013 22:00:51	12.79	51.06	33.46	8.65	8.01	10.3	3.155	100.7
1282	5/9/2013 22:15:51	12.45	51.09	33.47	8.65	8.00	9.7	3.245	99.9
1283	5/9/2013 22:30:51	12.09	51.22	33.55	8.83	8.00	10.2	3.339	101.3
1284	5/9/2013 22:45:51	11.75	50.48	32.99	8.97	8.00	9.8	3.417	101.9
1285	5/9/2013 23:00:51	11.50	50.65	33.10	9.07	8.00	9.1	3.496	102.5
1286	5/9/2013 23:15:51	11.24	50.83	33.22	9.26	8.01	8.2	3.570	104.2
1287	5/9/2013 23:30:51	10.98	50.78	33.17	9.42	8.01	7.0	3.633	105.4
1288	5/9/2013 23:45:51	10.80	51.09	33.39	9.53	8.02	4.7	3.684	106.3
1289	5/10/2013 0:00:51	10.76	50.83	33.19	9.49	8.02	4.3	3.724	105.7
1290	5/10/2013 0:15:51	10.77	51.20	33.46	9.41	8.01	4.3	3.752	105.0
1291	5/10/2013 0:30:51	11.22	50.70	33.13	9.13	8.01	5.5	3.754	102.7
1292	5/10/2013 0:45:51	10.97	50.95	33.29	9.23	8.01	5.5	3.728	103.4
1293	5/10/2013 1:00:51	11.35	51.20	33.50	9.04	8.01	8.0	3.685	102.1
1294	5/10/2013 1:15:51	11.49	51.24	33.53	9.00	8.01	6.6	3.622	102.0
1295	5/10/2013 1:30:50	11.75	51.00	33.37	8.83	8.00	9.4	3.539	100.6
1296	5/10/2013 1:45:51	11.19	51.41	33.64	9.10	8.01	9.0	3.437	102.5
1297	5/10/2013 2:00:51	12.50	51.17	33.53	8.76	8.03	9.8	3.322	101.4
1298	5/10/2013 2:15:51	12.75	51.12	33.50	8.82	8.05	13.0	3.215	102.6
1299	5/10/2013 2:30:51	12.73	51.09	33.48	8.79	8.04	11.3	3.109	102.2
1300	5/10/2013 2:45:51	13.06	50.93	33.38	8.81	8.06	10.8	2.988	103.0
1301	5/10/2013 3:00:50	13.46	50.93	33.40	8.69	8.06	12.1	2.866	102.6
1302	5/10/2013 3:15:51	13.67	50.97	33.43	8.77	8.07	14.1	2.748	103.9
1303	5/10/2013 3:30:51	12.95	51.03	33.45	8.65	8.03	11.4	2.634	101.0
1304	5/10/2013 3:45:51	13.36	51.11	33.52	8.71	8.06	14.3	2.503	102.7
1305	5/10/2013 4:00:51	13.55	49.65	32.47	8.73	8.07	13.3	2.371	102.6
1306	5/10/2013 4:15:50	14.01	49.24	32.18	8.91	8.11	13.7	2.239	105.5
1307	5/10/2013 4:30:50	13.94	49.51	32.37	8.87	8.10	12.3	2.101	105.0
1308	5/10/2013 4:45:50	14.39	49.52	32.40	9.04	8.14	15.3	1.962	108.0
1309	5/10/2013 5:00:51	14.33	49.50	32.38	8.91	8.13	13.9	1.814	106.3
1310	5/10/2013 5:15:50	14.49	49.57	32.44	8.91	8.13	13.9	1.675	106.7
1311	5/10/2013 5:30:50	14.84	49.31	32.26	9.05	8.16	12.4	1.560	109.1
1312	5/10/2013 5:45:50	14.82	49.46	32.36	9.01	8.16	14.7	1.426	108.6
1313	5/10/2013 6:00:50	14.83	49.57	32.44	8.96	8.15	13.0	1.330	108.1
1314	5/10/2013 6:15:50	14.91	49.19	32.17	8.97	8.16	11.6	1.262	108.2
1315	5/10/2013 6:30:50	14.93	49.41	32.33	9.02	8.16	12.9	1.209	108.9
1316	5/10/2013 6:45:50	14.74	49.28	32.23	8.65	8.13	10.9	1.203	104.0
1317	5/10/2013 7:00:50	15.07	49.18	32.17	9.03	8.18	12.1	1.205	109.2
1318	5/10/2013 7:15:50	15.14	49.24	32.21	9.10	8.19	11.9	1.257	110.3
1319	5/10/2013 7:30:50	15.24	49.29	32.25	9.22	8.22	10.9	1.324	112.0
1320	5/10/2013 7:45:50	15.35	49.34	32.29	9.37	8.25	11.0	1.377	114.0
1321	5/10/2013 8:00:50	15.37	49.40	32.33	9.42	8.25	11.2	1.455	114.7
1322	5/10/2013 8:15:50	15.32	49.21	32.20	9.36	8.24	9.3	1.522	113.9
	Mean	13.27	50.21	32.85	8.26	7.97	18.07	2.54	96.86
	Minimum	10.01	47.75	31.15	7.15	7.85	3.60	0.83	83.30

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
	Maximum	16.84	51.72	33.80	11.52	8.30	101.90	4.01	144.10

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

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	5/10/2013 14:15:50	11.75	51.48	33.72	8.79	7.94	5.7	3.204	100.3
1	5/10/2013 14:30:50	11.85	51.17	33.50	8.84	7.95	5.4	3.175	100.9
2	5/10/2013 14:45:50	11.86	51.35	33.64	8.80	7.95	6.0	3.138	100.6
3	5/10/2013 15:00:50	12.08	51.35	33.65	8.79	7.97	6.5	3.071	101.0
4	5/10/2013 15:15:50	13.27	51.18	33.57	9.28	8.04	9.8	3.000	109.2
5	5/10/2013 15:30:50	12.91	51.26	33.61	9.36	8.03	9.0	2.932	109.4
6	5/10/2013 15:45:50	13.04	51.26	33.62	9.44	8.05	8.9	2.830	110.6
7	5/10/2013 16:00:50	13.40	51.19	33.59	9.54	8.07	10.8	2.749	112.6
8	5/10/2013 16:15:50	13.57	51.23	33.62	9.77	8.09	9.7	2.679	115.7
9	5/10/2013 16:30:50	13.78	51.21	33.61	9.98	8.12	9.5	2.594	118.7
10	5/10/2013 16:45:50	14.02	51.19	33.60	10.20	8.14	10.3	2.527	121.9
11	5/10/2013 17:00:50	14.27	51.09	33.54	10.45	8.16	9.2	2.453	125.4
12	5/10/2013 17:15:50	14.38	51.06	33.52	10.49	8.16	8.5	2.384	126.2
13	5/10/2013 17:30:50	14.60	50.92	33.42	10.44	8.18	8.8	2.321	126.0
14	5/10/2013 17:45:50	14.61	51.05	33.52	10.40	8.18	9.2	2.275	125.7
15	5/10/2013 18:00:50	14.96	50.94	33.45	10.40	8.21	8.7	2.224	126.6
16	5/10/2013 18:15:50	15.09	50.90	33.42	10.78	8.24	8.7	2.178	131.4
17	5/10/2013 18:30:50	15.22	50.71	33.29	10.86	8.25	8.3	2.165	132.6
18	5/10/2013 18:45:50	15.31	50.90	33.43	10.76	8.26	8.0	2.155	131.7
19	5/10/2013 19:00:50	15.36	50.88	33.41	10.27	8.24	6.8	2.149	125.9
20	5/10/2013 19:15:50	15.33	50.86	33.40	10.71	8.26	8.0	2.171	131.2
21	5/10/2013 19:30:50	15.19	50.69	33.27	10.58	8.24	7.5	2.201	129.1
22	5/10/2013 19:45:50	15.20	50.86	33.40	10.52	8.23	8.4	2.260	128.6
23	5/10/2013 20:00:50	15.13	50.64	33.23	10.41	8.22	8.7	2.312	127.0
24	5/10/2013 20:15:50	14.96	50.79	33.34	10.00	8.19	8.8	2.369	121.6
25	5/10/2013 20:30:50	15.12	50.81	33.36	10.34	8.21	10.9	2.447	126.1
26	5/10/2013 20:45:50	14.86	50.94	33.44	10.08	8.18	10.0	2.526	122.4
27	5/10/2013 21:00:50	14.65	50.99	33.48	9.84	8.15	9.2	2.591	119.0
28	5/10/2013 21:15:50	14.32	51.01	33.48	9.64	8.12	8.1	2.662	115.8
29	5/10/2013 21:30:50	14.09	51.01	33.47	9.47	8.10	8.3	2.742	113.3
30	5/10/2013 21:45:50	13.49	51.10	33.52	9.12	8.05	8.3	2.815	107.8
31	5/10/2013 22:00:50	13.12	51.04	33.46	9.02	8.03	8.5	2.888	105.8
32	5/10/2013 22:15:50	13.02	51.19	33.57	8.96	8.03	8.3	2.962	104.9
33	5/10/2013 22:30:50	12.60	51.35	33.66	8.93	8.01	8.9	3.050	103.7
34	5/10/2013 22:45:50	12.25	51.37	33.66	8.81	7.99	8.4	3.138	101.5
35	5/10/2013 23:00:50	11.90	51.47	33.72	8.70	7.98	9.1	3.214	99.6
36	5/10/2013 23:15:50	11.57	51.59	33.79	8.73	7.97	8.5	3.298	99.3
37	5/10/2013 23:30:50	11.22	51.55	33.74	8.69	7.96	7.9	3.386	98.0
38	5/10/2013 23:45:50	11.05	51.64	33.80	8.63	7.95	7.3	3.448	97.0
39	5/11/2013 0:00:50	10.90	51.69	33.83	8.60	7.95	6.1	3.512	96.5
40	5/11/2013 0:15:50	10.76	51.62	33.76	8.62	7.95	5.0	3.572	96.3
41	5/11/2013 0:30:50	10.59	51.74	33.84	8.64	7.94	4.0	3.619	96.2
42	5/11/2013 0:45:50	10.58	51.69	33.81	8.53	7.93	2.8	3.633	95.0
43	5/11/2013 1:00:50	10.85	51.68	33.82	8.51	7.94	4.3	3.648	95.3
44	5/11/2013 1:15:50	10.72	51.64	33.78	8.40	7.93	4.7	3.634	93.8
45	5/11/2013 1:30:50	10.86	51.64	33.79	8.43	7.94	5.3	3.587	94.4
46	5/11/2013 1:45:50	10.86	51.57	33.73	8.44	7.94	4.6	3.541	94.5
47	5/11/2013 2:00:50	11.59	51.52	33.74	8.51	7.97	7.5	3.460	96.8
48	5/11/2013 2:15:50	11.44	51.61	33.80	8.61	7.97	7.0	3.386	97.7
49	5/11/2013 2:30:50	11.95	51.47	33.73	8.66	8.00	7.2	3.295	99.2
50	5/11/2013 2:45:50	12.54	51.35	33.66	8.74	8.03	9.2	3.184	101.4
51	5/11/2013 3:00:50	12.45	51.25	33.59	8.72	8.02	10.7	3.077	100.9
52	5/11/2013 3:15:50	12.99	51.31	33.65	8.68	8.04	8.4	2.976	101.5

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
53	5/11/2013 3:30:50	13.21	51.21	33.59	8.71	8.06	8.3	2.854	102.3
54	5/11/2013 3:45:50	13.44	51.16	33.56	8.71	8.06	9.5	2.734	102.8
55	5/11/2013 4:00:50	13.29	51.22	33.60	8.77	8.06	12.5	2.613	103.2
56	5/11/2013 4:15:50	13.03	51.20	33.58	8.71	8.04	11.7	2.490	102.0
57	5/11/2013 4:30:50	13.21	51.26	33.62	8.76	8.06	11.3	2.364	103.0
58	5/11/2013 4:45:50	13.38	51.19	33.58	8.82	8.08	11.1	2.233	104.0
59	5/11/2013 5:00:50	13.36	51.10	33.52	8.85	8.07	11.9	2.090	104.2
60	5/11/2013 5:15:50	13.87	51.14	33.56	8.91	8.10	13.6	1.959	106.1
61	5/11/2013 5:30:50	13.96	51.07	33.52	8.88	8.11	14.5	1.824	105.9
62	5/11/2013 5:45:50	14.23	51.05	33.51	8.92	8.13	14.1	1.688	106.9
63	5/11/2013 6:00:50	14.27	51.10	33.55	8.89	8.13	15.3	1.543	106.8
64	5/11/2013 6:15:50	14.47	50.90	33.41	8.96	8.14	13.9	1.436	107.9
65	5/11/2013 6:30:50	14.59	50.85	33.37	9.01	8.15	13.4	1.316	108.7
66	5/11/2013 6:45:50	14.68	50.88	33.40	9.02	8.16	13.4	1.220	109.1
67	5/11/2013 7:00:50	14.71	50.98	33.47	9.03	8.16	12.6	1.158	109.3
68	5/11/2013 7:15:50	14.80	50.96	33.46	9.10	8.18	15.6	1.112	110.3
69	5/11/2013 7:30:50	14.67	51.00	33.49	8.79	8.15	12.8	1.122	106.3
70	5/11/2013 7:45:50	15.03	50.88	33.41	9.06	8.20	11.8	1.141	110.4
71	5/11/2013 8:00:50	15.13	50.82	33.36	9.29	8.23	10.6	1.180	113.3
72	5/11/2013 8:15:50	15.01	50.87	33.40	9.20	8.21	10.4	1.248	112.0
73	5/11/2013 8:30:50	15.11	50.76	33.32	9.27	8.24	9.9	1.312	113.1
74	5/11/2013 8:45:50	15.09	50.86	33.39	9.35	8.23	9.5	1.380	113.9
75	5/11/2013 9:00:50	15.09	50.69	33.27	9.22	8.22	11.7	1.449	112.3
76	5/11/2013 9:15:50	15.02	50.72	33.29	9.11	8.21	10.3	1.529	110.9
77	5/11/2013 9:30:50	14.97	50.71	33.28	8.97	8.19	11.7	1.607	109.1
78	5/11/2013 9:45:50	14.94	50.64	33.23	8.89	8.19	11.4	1.679	107.9
79	5/11/2013 10:00:50	14.91	50.66	33.25	8.92	8.19	11.7	1.768	108.3
80	5/11/2013 10:15:50	14.74	50.79	33.33	8.89	8.17	10.3	1.849	107.6
81	5/11/2013 10:30:50	14.61	50.76	33.31	8.88	8.15	11.1	1.955	107.2
82	5/11/2013 10:45:50	14.43	50.96	33.45	8.83	8.13	10.3	2.051	106.3
83	5/11/2013 11:00:50	14.33	50.99	33.47	8.87	8.12	11.0	2.145	106.5
84	5/11/2013 11:15:50	14.18	50.98	33.46	8.89	8.11	10.7	2.250	106.5
85	5/11/2013 11:30:50	14.15	50.99	33.47	8.90	8.10	10.3	2.340	106.6
86	5/11/2013 11:45:50	14.04	51.06	33.51	8.91	8.09	10.8	2.443	106.4
87	5/11/2013 12:00:50	14.00	51.04	33.49	8.92	8.09	10.6	2.530	106.5
88	5/11/2013 12:15:50	13.79	51.10	33.53	8.91	8.08	11.7	2.603	105.9
89	5/11/2013 12:30:50	13.57	51.01	33.46	8.82	8.06	12.6	2.700	104.3
90	5/11/2013 12:45:50	13.40	50.98	33.43	8.76	8.05	12.0	2.769	103.2
91	5/11/2013 13:00:50	13.14	51.05	33.47	8.85	8.04	11.3	2.836	103.7
92	5/11/2013 13:15:50	12.86	51.26	33.62	8.89	8.03	10.9	2.907	103.7
93	5/11/2013 13:30:50	12.50	51.20	33.55	8.79	8.01	9.8	2.971	101.8
94	5/11/2013 13:45:50	12.03	51.43	33.70	8.68	7.99	8.4	3.032	99.6
95	5/11/2013 14:00:50	11.91	51.38	33.66	8.76	7.99	6.1	3.069	100.2
96	5/11/2013 14:15:50	11.75	51.43	33.69	8.80	7.99	5.7	3.129	100.4
97	5/11/2013 14:30:50	11.69	51.50	33.73	8.80	7.99	5.1	3.151	100.3
98	5/11/2013 14:45:50	12.42	51.42	33.71	9.09	8.03	6.1	3.151	105.1
99	5/11/2013 15:00:50	11.91	51.34	33.63	8.68	7.99	4.7	3.157	99.3
100	5/11/2013 15:15:50	11.86	51.32	33.61	8.69	7.99	5.7	3.122	99.3
101	5/11/2013 15:30:50	11.91	51.49	33.73	8.69	7.99	5.9	3.069	99.5
102	5/11/2013 15:45:50	12.77	51.26	33.61	8.99	8.03	7.4	3.018	104.7
103	5/11/2013 16:00:50	13.68	51.18	33.59	9.46	8.08	8.4	2.939	112.2
104	5/11/2013 16:15:50	13.74	51.18	33.59	9.57	8.09	9.4	2.871	113.7
105	5/11/2013 16:30:50	13.79	51.14	33.56	9.66	8.11	9.1	2.791	114.9

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
106	5/11/2013 16:45:50	13.90	51.14	33.56	9.62	8.12	11.1	2.724	114.7
107	5/11/2013 17:00:50	14.30	51.07	33.52	10.01	8.16	9.3	2.644	120.2
108	5/11/2013 17:15:50	14.65	51.07	33.53	10.21	8.18	9.4	2.576	123.5
109	5/11/2013 17:30:50	14.76	51.11	33.57	10.64	8.20	8.4	2.512	129.0
110	5/11/2013 17:45:50	14.80	51.09	33.55	10.74	8.20	9.4	2.442	130.3
111	5/11/2013 18:00:50	14.90	51.07	33.54	11.03	8.21	8.6	2.379	134.1
112	5/11/2013 18:15:50	15.22	50.96	33.47	11.18	8.24	8.0	2.320	136.8
113	5/11/2013 18:30:50	15.33	51.02	33.52	11.39	8.25	7.2	2.283	139.6
114	5/11/2013 18:45:50	15.66	50.80	33.36	11.51	8.28	7.9	2.240	141.9
115	5/11/2013 19:00:50	15.75	50.86	33.41	11.59	8.29	7.5	2.206	143.2
116	5/11/2013 19:15:50	15.82	50.79	33.36	11.72	8.30	6.7	2.211	144.9
117	5/11/2013 19:30:50	15.68	50.86	33.41	11.26	8.26	5.8	2.206	138.9
118	5/11/2013 19:45:50	15.52	50.91	33.44	11.26	8.26	6.7	2.219	138.5
119	5/11/2013 20:00:50	15.45	50.96	33.47	11.23	8.25	7.3	2.252	137.9
120	5/11/2013 20:15:50	15.35	50.95	33.46	10.97	8.24	8.2	2.287	134.5
121	5/11/2013 20:30:50	15.31	50.87	33.41	10.94	8.24	7.6	2.331	134.0
122	5/11/2013 20:45:50	15.19	50.99	33.49	10.72	8.22	7.8	2.390	131.0
123	5/11/2013 21:00:50	15.55	50.86	33.41	10.86	8.24	9.2	2.450	133.7
124	5/11/2013 21:15:50	15.31	50.93	33.45	10.77	8.23	8.6	2.511	131.9
125	5/11/2013 21:30:50	15.04	50.94	33.45	10.50	8.20	7.3	2.589	128.0
126	5/11/2013 21:45:50	14.56	50.98	33.47	10.12	8.16	8.0	2.650	122.1
127	5/11/2013 22:00:50	14.08	51.17	33.59	9.74	8.12	7.6	2.727	116.5
128	5/11/2013 22:15:50	13.88	51.15	33.57	9.62	8.10	8.0	2.796	114.6
129	5/11/2013 22:30:50	13.55	51.23	33.62	9.46	8.08	7.9	2.871	111.9
130	5/11/2013 22:45:50	13.16	51.20	33.58	9.27	8.06	7.0	2.950	108.8
131	5/11/2013 23:00:50	12.96	51.16	33.54	9.22	8.05	7.9	3.026	107.8
132	5/11/2013 23:15:50	12.59	51.33	33.65	9.10	8.03	7.2	3.106	105.7
133	5/11/2013 23:30:50	12.04	51.44	33.71	8.93	8.00	6.6	3.180	102.5
134	5/11/2013 23:45:50	11.91	51.50	33.74	8.87	8.00	7.8	3.263	101.6
135	5/12/2013 0:00:50	11.66	51.52	33.75	8.94	8.00	7.0	3.333	101.8
136	5/12/2013 0:15:50	11.45	51.59	33.79	8.95	7.99	7.2	3.406	101.5
137	5/12/2013 0:30:50	11.27	51.66	33.83	8.95	7.99	6.0	3.467	101.1
138	5/12/2013 0:45:50	11.17	51.56	33.75	8.97	7.99	5.0	3.511	101.1
139	5/12/2013 1:00:50	11.04	51.68	33.83	8.99	7.99	4.3	3.563	101.1
140	5/12/2013 1:15:50	11.00	51.62	33.78	8.92	7.98	3.2	3.589	100.2
141	5/12/2013 1:30:50	11.61	51.42	33.67	8.93	8.01	5.4	3.596	101.5
142	5/12/2013 1:45:50	11.32	51.63	33.81	8.69	7.98	3.7	3.596	98.3
143	5/12/2013 2:00:50	11.23	51.66	33.82	8.77	7.98	4.3	3.558	99.0
144	5/12/2013 2:15:51	11.09	51.70	33.85	8.81	7.98	4.6	3.512	99.1
145	5/12/2013 2:30:50	11.49	51.43	33.67	8.80	8.00	4.8	3.443	99.8
146	5/12/2013 2:45:50	11.97	51.50	33.75	8.95	8.02	7.7	3.363	102.6
147	5/12/2013 3:00:50	12.43	51.40	33.69	9.03	8.05	6.8	3.275	104.4
148	5/12/2013 3:15:50	12.34	51.45	33.73	8.98	8.04	8.1	3.180	103.8
149	5/12/2013 3:30:50	12.45	51.32	33.64	8.99	8.04	9.0	3.077	104.0
150	5/12/2013 3:45:50	12.74	51.34	33.67	9.00	8.05	8.1	2.978	104.8
151	5/12/2013 4:00:50	13.21	51.29	33.65	9.06	8.08	8.3	2.874	106.6
152	5/12/2013 4:15:50	13.67	51.17	33.58	9.13	8.10	8.7	2.762	108.3
153	5/12/2013 4:30:50	13.76	51.13	33.55	9.06	8.10	10.9	2.645	107.6
154	5/12/2013 4:45:50	13.30	51.24	33.62	9.08	8.08	10.7	2.520	106.9
155	5/12/2013 5:00:50	13.82	51.19	33.60	9.36	8.12	13.0	2.401	111.4
156	5/12/2013 5:15:50	13.43	51.20	33.59	9.04	8.11	10.3	2.275	106.7
157	5/12/2013 5:30:50	13.51	51.26	33.64	9.21	8.11	11.7	2.128	108.9
158	5/12/2013 5:45:50	13.91	51.13	33.56	9.39	8.14	13.3	2.009	111.9

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
159	5/12/2013 6:00:50	14.32	51.14	33.58	9.49	8.17	15.1	1.877	114.1
160	5/12/2013 6:15:50	14.26	51.09	33.54	9.41	8.16	16.1	1.743	113.0
161	5/12/2013 6:30:50	14.67	50.98	33.47	9.57	8.19	17.3	1.614	115.7
162	5/12/2013 6:45:50	14.80	50.97	33.47	9.63	8.20	16.4	1.486	116.8
163	5/12/2013 7:00:50	14.93	50.96	33.46	9.66	8.20	15.3	1.389	117.5
164	5/12/2013 7:15:50	15.24	50.88	33.41	9.90	8.25	16.3	1.293	121.1
165	5/12/2013 7:30:50	15.30	50.94	33.46	9.86	8.24	13.9	1.223	120.7
166	5/12/2013 7:45:50	15.44	50.90	33.43	9.93	8.26	14.0	1.181	121.9
167	5/12/2013 8:00:50	15.42	50.88	33.41	9.95	8.26	12.8	1.172	122.1
168	5/12/2013 8:15:50	15.36	50.87	33.41	9.80	8.25	11.4	1.183	120.1
169	5/12/2013 8:30:50	15.62	50.86	33.41	10.06	8.29	10.9	1.214	123.9
170	5/12/2013 8:45:50	15.51	50.91	33.44	9.96	8.27	10.4	1.266	122.5
171	5/12/2013 9:00:50	15.58	50.81	33.37	10.03	8.29	10.5	1.317	123.5
172	5/12/2013 9:15:50	15.59	50.79	33.35	10.08	8.29	9.6	1.383	124.1
173	5/12/2013 9:30:50	15.59	50.69	33.28	10.15	8.29	10.1	1.452	124.9
174	5/12/2013 9:45:50	15.56	50.70	33.29	9.98	8.28	10.4	1.511	122.7
175	5/12/2013 10:00:50	15.48	50.70	33.29	9.88	8.26	10.4	1.594	121.3
176	5/12/2013 10:15:49	15.42	50.62	33.22	9.66	8.24	13.0	1.667	118.4
177	5/12/2013 10:30:49	15.36	50.69	33.28	9.54	8.24	11.1	1.741	116.9
178	5/12/2013 10:45:50	15.39	50.56	33.18	9.54	8.24	11.2	1.831	116.8
179	5/12/2013 11:00:50	15.24	50.77	33.33	9.52	8.22	9.7	1.914	116.4
180	5/12/2013 11:15:50	15.16	50.77	33.33	9.55	8.22	10.5	2.005	116.6
181	5/12/2013 11:30:50	14.95	50.85	33.38	9.44	8.19	9.8	2.100	114.8
182	5/12/2013 11:45:50	14.77	50.87	33.39	9.48	8.17	10.6	2.202	114.8
183	5/12/2013 12:00:50	14.63	51.02	33.50	9.46	8.15	10.6	2.289	114.4
184	5/12/2013 12:15:50	14.44	50.98	33.47	9.34	8.14	9.5	2.384	112.5
185	5/12/2013 12:30:50	14.43	50.97	33.45	9.38	8.13	9.8	2.482	112.9
186	5/12/2013 12:45:50	14.33	51.02	33.49	9.40	8.13	9.5	2.559	112.9
187	5/12/2013 13:00:50	14.24	51.11	33.55	9.47	8.12	10.4	2.643	113.7
188	5/12/2013 13:15:50	14.00	51.06	33.51	9.34	8.11	10.6	2.716	111.5
189	5/12/2013 13:30:50	13.75	51.10	33.53	9.30	8.09	10.4	2.787	110.5
190	5/12/2013 13:45:50	13.56	51.02	33.46	9.44	8.09	9.8	2.851	111.6
191	5/12/2013 14:00:50	13.41	51.16	33.56	9.39	8.08	9.2	2.912	110.8
192	5/12/2013 14:15:50	13.23	51.26	33.63	9.46	8.08	8.1	2.973	111.2
193	5/12/2013 14:30:50	12.94	51.23	33.60	9.35	8.06	7.3	3.021	109.3
194	5/12/2013 14:45:50	12.75	51.27	33.62	9.34	8.05	5.6	3.056	108.7
195	5/12/2013 15:00:50	12.47	51.38	33.68	9.41	8.04	4.9	3.099	109.0
196	5/12/2013 15:15:50	12.49	51.34	33.66	9.50	8.05	4.8	3.124	110.0
197	5/12/2013 15:30:50	13.18	51.35	33.70	9.55	8.08	5.3	3.118	112.3
198	5/12/2013 15:45:50	12.62	51.26	33.60	9.14	8.04	5.4	3.099	106.1
199	5/12/2013 16:00:50	12.53	51.33	33.65	9.28	8.04	4.8	3.077	107.5
200	5/12/2013 16:15:50	12.78	51.33	33.66	9.28	8.05	6.0	3.022	108.2
201	5/12/2013 16:30:50	13.79	51.14	33.56	9.69	8.11	7.2	2.957	115.2
202	5/12/2013 16:45:50	14.23	51.12	33.56	9.99	8.13	7.9	2.887	119.9
203	5/12/2013 17:00:50	14.74	51.11	33.57	10.35	8.17	8.7	2.813	125.5
204	5/12/2013 17:15:50	14.78	51.07	33.54	10.50	8.19	10.9	2.741	127.3
205	5/12/2013 17:30:50	14.77	51.07	33.54	10.38	8.19	8.6	2.665	125.9
206	5/12/2013 17:45:50	15.08	50.97	33.47	10.64	8.21	9.2	2.595	129.8
207	5/12/2013 18:00:50	15.15	51.00	33.50	10.72	8.21	8.6	2.526	130.9
208	5/12/2013 18:15:50	15.19	51.08	33.56	11.11	8.23	7.9	2.475	135.9
209	5/12/2013 18:30:50	15.28	51.04	33.53	11.09	8.23	8.6	2.417	135.8
210	5/12/2013 18:45:50	15.56	50.92	33.45	11.15	8.25	8.3	2.355	137.3
211	5/12/2013 19:00:50	15.65	51.00	33.51	11.54	8.27	8.4	2.321	142.4

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
212	5/12/2013 19:15:50	15.92	50.94	33.47	11.50	8.29	7.2	2.289	142.6
213	5/12/2013 19:30:50	15.98	50.83	33.39	11.43	8.29	7.0	2.266	141.8
214	5/12/2013 19:45:50	15.98	50.82	33.38	11.27	8.28	6.4	2.254	139.9
215	5/12/2013 20:00:50	15.94	50.91	33.45	11.22	8.27	5.1	2.255	139.1
216	5/12/2013 20:15:50	15.83	50.86	33.41	11.50	8.27	7.0	2.275	142.3
217	5/12/2013 20:30:50	15.78	50.94	33.47	11.39	8.27	7.5	2.289	140.8
218	5/12/2013 20:45:50	15.71	50.96	33.48	11.26	8.26	8.1	2.325	139.1
219	5/12/2013 21:00:50	15.72	50.90	33.44	11.15	8.26	7.9	2.370	137.7
220	5/12/2013 21:15:50	15.53	50.83	33.38	10.81	8.23	7.9	2.420	133.0
221	5/12/2013 21:30:50	15.85	50.92	33.45	11.04	8.25	8.1	2.482	136.7
222	5/12/2013 21:45:50	15.62	50.94	33.46	10.87	8.24	7.8	2.536	134.0
223	5/12/2013 22:00:50	15.34	50.97	33.48	10.67	8.22	6.9	2.603	130.8
224	5/12/2013 22:15:50	14.93	51.05	33.53	10.39	8.18	6.7	2.675	126.3
225	5/12/2013 22:30:50	14.68	51.10	33.56	10.19	8.16	5.9	2.731	123.3
226	5/12/2013 22:45:50	14.11	51.12	33.56	9.93	8.12	6.4	2.799	118.9
227	5/12/2013 23:00:50	13.98	51.16	33.58	9.88	8.12	6.2	2.865	117.9
228	5/12/2013 23:15:50	13.65	51.25	33.64	9.79	8.10	6.4	2.939	116.1
229	5/12/2013 23:30:50	13.41	51.27	33.64	9.71	8.09	5.7	3.003	114.6
230	5/12/2013 23:45:50	13.20	51.27	33.63	9.67	8.08	6.4	3.069	113.7
231	5/13/2013 0:00:50	12.68	51.35	33.67	9.68	8.07	6.4	3.143	112.5
232	5/13/2013 0:15:50	12.40	51.49	33.76	9.67	8.06	5.7	3.209	111.9
233	5/13/2013 0:30:50	12.27	51.48	33.75	9.71	8.06	5.9	3.271	112.0
234	5/13/2013 0:45:50	12.11	51.40	33.68	9.85	8.06	5.0	3.333	113.2
235	5/13/2013 1:00:50	12.01	51.50	33.75	9.92	8.07	4.5	3.390	113.9
236	5/13/2013 1:15:50	11.93	51.48	33.73	9.94	8.06	5.3	3.440	113.8
237	5/13/2013 1:30:50	11.82	51.54	33.77	9.98	8.07	4.8	3.479	114.1
238	5/13/2013 1:45:50	11.74	51.44	33.69	9.97	8.07	4.0	3.503	113.7
239	5/13/2013 2:00:50	11.66	51.56	33.77	9.80	8.05	2.5	3.518	111.6
240	5/13/2013 2:15:50	11.91	51.59	33.81	9.71	8.06	3.6	3.527	111.3
241	5/13/2013 2:30:50	11.77	51.49	33.73	9.72	8.05	3.1	3.501	110.9
242	5/13/2013 2:45:50	11.73	51.58	33.79	9.85	8.06	3.8	3.456	112.4
243	5/13/2013 3:00:50	11.87	51.52	33.76	9.77	8.06	4.8	3.407	111.8
244	5/13/2013 3:15:50	12.62	51.38	33.69	9.48	8.07	6.2	3.346	110.1
245	5/13/2013 3:30:50	12.45	51.44	33.73	9.62	8.07	6.4	3.251	111.4
246	5/13/2013 3:45:50	13.42	51.30	33.66	9.56	8.11	7.7	3.156	112.9
247	5/13/2013 4:00:50	13.72	51.23	33.62	9.51	8.11	8.4	3.060	112.9
248	5/13/2013 4:15:50	13.96	51.23	33.63	9.43	8.12	9.5	2.966	112.5
249	5/13/2013 4:30:50	13.94	51.22	33.63	9.50	8.12	8.1	2.868	113.3
250	5/13/2013 4:45:50	14.12	51.19	33.61	9.48	8.12	9.4	2.757	113.5
251	5/13/2013 5:00:50	14.45	51.05	33.52	9.39	8.14	9.4	2.667	113.1
252	5/13/2013 5:15:50	14.02	51.26	33.66	9.25	8.11	9.8	2.549	110.6
253	5/13/2013 5:30:50	13.71	51.31	33.68	9.42	8.11	10.3	2.431	111.9
254	5/13/2013 5:45:50	14.34	51.16	33.59	9.55	8.15	11.2	2.316	114.9
255	5/13/2013 6:00:50	14.65	51.10	33.56	9.80	8.17	14.5	2.190	118.5
256	5/13/2013 6:15:50	14.89	51.10	33.56	9.77	8.19	13.6	2.061	118.7
257	5/13/2013 6:30:50	14.93	50.99	33.48	9.63	8.19	14.1	1.939	117.1
258	5/13/2013 6:45:50	15.08	51.04	33.53	9.61	8.19	15.0	1.809	117.2
259	5/13/2013 7:00:50	15.30	51.03	33.52	9.72	8.21	16.9	1.684	119.1
260	5/13/2013 7:15:50	15.54	51.03	33.53	9.78	8.22	16.2	1.564	120.4
261	5/13/2013 7:30:50	15.79	50.95	33.47	9.93	8.24	16.0	1.474	122.8
262	5/13/2013 7:45:50	16.11	50.93	33.47	10.11	8.28	16.0	1.372	125.8
263	5/13/2013 8:00:50	16.25	50.87	33.43	10.18	8.29	15.0	1.305	127.0
264	5/13/2013 8:15:50	16.49	50.90	33.45	10.33	8.32	14.3	1.269	129.5

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	5/13/2013 8:30:50	16.58	50.91	33.46	10.33	8.32	12.9	1.230	129.8
266	5/13/2013 8:45:50	16.59	50.92	33.46	10.05	8.31	10.9	1.244	126.2
267	5/13/2013 9:00:50	16.56	50.87	33.43	10.31	8.31	10.5	1.279	129.5
268	5/13/2013 9:15:50	16.55	50.88	33.44	10.36	8.32	14.6	1.298	130.1
269	5/13/2013 9:30:50	16.36	50.91	33.46	10.13	8.29	13.1	1.357	126.6
270	5/13/2013 9:45:50	16.38	50.88	33.43	10.27	8.30	10.9	1.413	128.5
271	5/13/2013 10:00:50	16.31	50.87	33.43	10.20	8.29	10.8	1.488	127.4
272	5/13/2013 10:15:50	16.41	50.73	33.33	10.14	8.29	12.2	1.552	126.8
273	5/13/2013 10:30:50	16.66	50.61	33.24	10.07	8.29	11.9	1.599	126.4
274	5/13/2013 10:45:50	16.53	50.67	33.28	9.99	8.28	11.5	1.687	125.3
275	5/13/2013 11:00:50	16.24	50.76	33.34	9.78	8.26	10.5	1.756	121.9
276	5/13/2013 11:15:50	16.24	50.64	33.26	9.84	8.26	10.1	1.825	122.6
277	5/13/2013 11:30:50	16.03	50.83	33.39	9.78	8.25	9.1	1.909	121.4
278	5/13/2013 11:45:50	15.88	50.79	33.36	9.74	8.24	9.5	1.990	120.6
279	5/13/2013 12:00:50	15.75	50.82	33.38	9.67	8.23	10.4	2.088	119.4
280	5/13/2013 12:15:50	15.50	50.94	33.46	9.62	8.20	10.3	2.163	118.3
281	5/13/2013 12:30:50	15.41	50.98	33.49	9.68	8.19	10.0	2.265	118.8
282	5/13/2013 12:45:50	15.19	50.97	33.48	9.62	8.17	10.3	2.346	117.6
283	5/13/2013 13:00:50	15.13	51.00	33.50	9.64	8.17	9.5	2.436	117.7
284	5/13/2013 13:15:50	15.10	50.98	33.48	9.74	8.17	10.2	2.527	118.8
285	5/13/2013 13:30:50	14.82	51.05	33.53	9.57	8.15	10.9	2.597	116.2
286	5/13/2013 13:45:50	14.68	51.10	33.56	9.58	8.14	9.7	2.677	116.0
287	5/13/2013 14:00:50	14.44	51.11	33.56	9.57	8.13	10.0	2.751	115.2
288	5/13/2013 14:15:50	14.27	51.04	33.50	9.53	8.12	10.4	2.812	114.4
289	5/13/2013 14:30:50	14.05	51.11	33.54	9.85	8.13	9.3	2.872	117.8
290	5/13/2013 14:45:50	13.88	51.10	33.53	9.88	8.12	9.0	2.927	117.7
291	5/13/2013 15:00:50	13.74	51.16	33.58	10.03	8.13	7.7	2.982	119.1
292	5/13/2013 15:15:50	13.45	51.22	33.61	9.92	8.11	6.6	3.018	117.2
293	5/13/2013 15:30:50	13.34	51.22	33.60	9.76	8.10	6.0	3.047	115.0
294	5/13/2013 15:45:50	13.19	51.26	33.63	9.85	8.10	4.3	3.072	115.7
295	5/13/2013 16:00:50	13.88	51.17	33.59	9.95	8.13	5.7	3.079	118.5
296	5/13/2013 16:15:50	13.45	51.13	33.54	9.54	8.09	5.5	3.063	112.6
297	5/13/2013 16:30:50	13.33	51.23	33.61	9.73	8.10	5.8	3.031	114.6
298	5/13/2013 16:45:51	13.55	51.26	33.64	9.65	8.10	5.8	2.995	114.3
299	5/13/2013 17:00:50	14.03	51.15	33.58	9.79	8.13	6.9	2.945	117.0
300	5/13/2013 17:15:50	14.65	51.10	33.56	10.23	8.18	8.4	2.879	123.8
301	5/13/2013 17:30:50	14.58	51.11	33.56	10.28	8.18	8.3	2.827	124.2
302	5/13/2013 17:45:50	14.59	51.10	33.56	10.40	8.18	8.6	2.746	125.6
303	5/13/2013 18:00:50	14.75	51.06	33.53	10.40	8.19	8.6	2.687	126.0
304	5/13/2013 18:15:50	14.84	51.11	33.57	10.58	8.21	9.4	2.623	128.5
305	5/13/2013 18:30:50	15.08	51.07	33.55	10.68	8.23	10.2	2.562	130.3
306	5/13/2013 18:45:50	15.08	51.06	33.54	10.74	8.23	9.2	2.504	131.0
307	5/13/2013 19:00:50	15.30	51.06	33.54	10.50	8.23	10.3	2.455	128.7
308	5/13/2013 19:15:50	15.33	51.08	33.56	10.63	8.24	9.8	2.402	130.3
309	5/13/2013 19:30:50	15.63	50.95	33.47	10.52	8.25	10.7	2.361	129.7
310	5/13/2013 19:45:50	15.82	50.96	33.48	10.47	8.26	9.8	2.333	129.6
311	5/13/2013 20:00:50	15.93	50.90	33.44	10.45	8.27	9.7	2.301	129.6
312	5/13/2013 20:15:50	16.07	50.88	33.43	10.56	8.28	9.9	2.292	131.3
313	5/13/2013 20:30:50	16.10	50.88	33.43	10.56	8.29	9.8	2.285	131.4
314	5/13/2013 20:45:50	16.22	50.88	33.43	10.46	8.29	8.2	2.291	130.5
315	5/13/2013 21:00:50	16.12	50.94	33.48	10.35	8.27	9.3	2.307	128.8
316	5/13/2013 21:15:50	15.99	50.85	33.41	10.33	8.27	8.1	2.321	128.2
317	5/13/2013 21:30:50	15.99	50.90	33.44	10.32	8.27	8.9	2.370	128.2

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
318	5/13/2013 21:45:50	15.68	50.97	33.49	10.14	8.24	7.9	2.408	125.2
319	5/13/2013 22:00:50	15.59	50.98	33.50	9.94	8.22	8.8	2.437	122.5
320	5/13/2013 22:15:50	15.49	51.01	33.51	9.89	8.21	8.1	2.495	121.6
321	5/13/2013 22:30:50	15.57	50.92	33.45	10.06	8.23	9.2	2.560	123.9
322	5/13/2013 22:45:50	15.54	51.00	33.51	10.10	8.22	7.3	2.612	124.4
323	5/13/2013 23:00:50	15.40	50.89	33.42	10.07	8.21	7.0	2.664	123.6
324	5/13/2013 23:15:50	15.19	50.97	33.48	10.05	8.20	7.0	2.736	122.8
325	5/13/2013 23:30:50	14.82	51.04	33.52	10.03	8.18	6.9	2.791	121.8
326	5/13/2013 23:45:50	14.53	51.08	33.54	10.00	8.17	7.1	2.844	120.7
327	5/14/2013 0:00:50	14.08	51.18	33.60	9.99	8.15	6.5	2.915	119.6
328	5/14/2013 0:15:50	13.63	51.11	33.54	10.08	8.14	5.9	2.965	119.4
329	5/14/2013 0:30:50	13.48	51.25	33.63	10.04	8.13	5.7	3.036	118.7
330	5/14/2013 0:45:50	13.42	51.29	33.65	10.01	8.13	6.3	3.095	118.1
331	5/14/2013 1:00:50	13.24	51.14	33.54	10.03	8.13	5.7	3.150	117.9
332	5/14/2013 1:15:50	12.74	51.27	33.62	10.22	8.12	5.1	3.204	119.0
333	5/14/2013 1:30:50	12.51	51.39	33.69	10.28	8.12	5.0	3.260	119.1
334	5/14/2013 1:45:50	12.49	51.36	33.67	10.20	8.11	4.5	3.306	118.2
335	5/14/2013 2:00:50	12.49	51.28	33.61	10.14	8.11	4.0	3.330	117.4
336	5/14/2013 2:15:50	12.52	51.39	33.69	10.05	8.11	4.2	3.364	116.5
337	5/14/2013 2:30:50	12.49	51.38	33.68	9.95	8.10	3.5	3.381	115.2
338	5/14/2013 2:45:50	12.60	51.38	33.69	9.79	8.10	4.2	3.380	113.7
339	5/14/2013 3:00:51	12.48	51.38	33.69	9.91	8.10	4.5	3.360	114.8
340	5/14/2013 3:15:50	12.47	51.36	33.67	10.01	8.11	4.4	3.330	116.0
341	5/14/2013 3:30:50	12.56	51.35	33.67	9.91	8.11	5.4	3.292	115.0
342	5/14/2013 3:45:50	12.70	51.32	33.65	9.82	8.12	7.6	3.221	114.2
343	5/14/2013 4:00:50	12.93	51.38	33.70	9.75	8.13	8.5	3.151	114.0
344	5/14/2013 4:15:50	12.75	51.32	33.65	9.82	8.12	8.9	3.085	114.4
345	5/14/2013 4:30:50	13.07	51.26	33.62	9.70	8.13	7.8	3.002	113.8
346	5/14/2013 4:45:50	13.97	51.21	33.62	9.25	8.15	10.9	2.910	110.4
347	5/14/2013 5:00:50	13.95	51.13	33.56	9.22	8.14	11.7	2.829	110.0
348	5/14/2013 5:15:50	13.42	51.24	33.62	9.41	8.13	12.5	2.731	111.0
349	5/14/2013 5:30:51	13.51	51.29	33.66	9.32	8.13	13.8	2.636	110.2
350	5/14/2013 5:45:50	13.33	51.25	33.63	9.29	8.13	15.5	2.527	109.5
351	5/14/2013 6:00:51	14.29	51.20	33.62	9.31	8.17	14.5	2.429	111.9
352	5/14/2013 6:15:50	13.73	51.26	33.65	9.30	8.15	16.2	2.323	110.4
353	5/14/2013 6:30:50	14.49	51.13	33.58	9.16	8.19	16.1	2.201	110.5
354	5/14/2013 6:45:50	14.72	51.10	33.56	9.05	8.20	17.1	2.085	109.6
355	5/14/2013 7:00:50	14.66	51.12	33.58	8.97	8.19	16.6	1.969	108.5
356	5/14/2013 7:15:50	14.72	51.09	33.55	8.86	8.19	16.4	1.857	107.4
357	5/14/2013 7:30:50	14.86	51.08	33.55	8.86	8.20	17.5	1.736	107.6
358	5/14/2013 7:45:50	15.13	51.04	33.53	8.87	8.21	17.3	1.623	108.4
359	5/14/2013 8:00:50	15.29	51.01	33.51	8.89	8.22	16.2	1.536	108.8
360	5/14/2013 8:15:50	15.47	50.99	33.50	8.91	8.24	15.5	1.445	109.5
361	5/14/2013 8:30:50	15.58	51.02	33.52	8.91	8.25	16.0	1.383	109.7
362	5/14/2013 8:45:50	15.69	50.82	33.38	8.85	8.25	14.2	1.326	109.2
363	5/14/2013 9:00:50	15.70	50.86	33.41	8.92	8.26	13.0	1.292	110.0
364	5/14/2013 9:15:50	15.82	50.86	33.41	8.95	8.27	12.2	1.304	110.7
365	5/14/2013 9:30:50	15.68	50.94	33.47	8.83	8.25	12.5	1.291	109.0
366	5/14/2013 9:45:50	15.82	50.96	33.48	8.88	8.27	10.5	1.327	109.8
367	5/14/2013 10:00:50	15.74	50.95	33.48	8.86	8.26	11.1	1.365	109.5
368	5/14/2013 10:15:50	15.86	50.93	33.46	8.84	8.28	11.5	1.412	109.5
369	5/14/2013 10:30:50	15.89	50.94	33.47	8.88	8.28	161.4	1.474	110.0
370	5/14/2013 10:45:50	15.83	50.92	33.46	8.87	8.27	10.1	1.530	109.8

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	5/14/2013 11:00:50	15.77	50.96	33.48	8.78	8.26	10.8	1.591	108.5
372	5/14/2013 11:15:50	15.81	50.83	33.38	8.64	8.27	12.2	1.654	106.8
373	5/14/2013 11:30:50	15.71	50.92	33.45	8.63	8.26	11.1	1.729	106.5
374	5/14/2013 11:45:50	15.92	50.77	33.35	8.74	8.27	11.7	1.788	108.3
375	5/14/2013 12:00:50	15.66	50.88	33.42	8.56	8.25	11.2	1.856	105.6
376	5/14/2013 12:15:50	15.63	50.88	33.42	8.55	8.24	11.3	1.944	105.4
377	5/14/2013 12:30:50	15.47	50.84	33.39	8.59	8.23	11.5	2.022	105.5
378	5/14/2013 12:45:50	15.32	50.88	33.41	8.70	8.21	11.5	2.106	106.6
379	5/14/2013 13:00:50	15.16	50.92	33.44	8.81	8.20	11.3	2.180	107.6
380	5/14/2013 13:15:50	15.01	50.97	33.48	8.96	8.19	10.9	2.261	109.1
381	5/14/2013 13:30:50	15.01	51.00	33.50	9.01	8.18	10.7	2.351	109.8
382	5/14/2013 13:45:50	14.95	51.04	33.52	9.25	8.18	10.8	2.438	112.6
383	5/14/2013 14:00:50	14.99	51.05	33.53	9.31	8.18	10.0	2.502	113.4
384	5/14/2013 14:15:50	14.84	51.02	33.51	9.34	8.18	10.6	2.581	113.4
385	5/14/2013 14:30:50	14.75	50.99	33.48	9.40	8.18	10.7	2.652	113.9
386	5/14/2013 14:45:50	14.60	51.17	33.61	9.45	8.17	10.3	2.714	114.3
387	5/14/2013 15:00:50	14.46	51.18	33.61	9.43	8.16	10.2	2.776	113.7
388	5/14/2013 15:15:50	14.30	51.17	33.60	9.48	8.16	9.1	2.821	114.0
389	5/14/2013 15:30:50	14.14	51.09	33.54	9.71	8.16	8.9	2.885	116.2
390	5/14/2013 15:45:50	13.95	51.08	33.52	9.80	8.16	8.0	2.919	116.8
391	5/14/2013 16:00:50	13.91	51.08	33.52	9.85	8.16	6.9	2.949	117.4
392	5/14/2013 16:15:50	13.86	51.02	33.47	9.92	8.16	5.4	2.977	118.1
393	5/14/2013 16:30:50	13.88	51.07	33.51	9.71	8.13	6.3	2.996	115.6
394	5/14/2013 16:45:50	14.09	51.04	33.50	9.66	8.15	4.7	3.013	115.5
395	5/14/2013 17:00:50	13.87	51.13	33.55	9.77	8.15	5.5	2.984	116.3
396	5/14/2013 17:15:50	13.94	51.10	33.54	9.67	8.15	5.8	2.965	115.4
397	5/14/2013 17:30:50	14.12	51.02	33.48	9.59	8.15	7.0	2.941	114.7
398	5/14/2013 17:45:50	14.67	51.08	33.54	9.71	8.19	10.8	2.887	117.5
399	5/14/2013 18:00:50	14.76	51.10	33.56	9.89	8.20	14.0	2.840	120.0
400	5/14/2013 18:15:50	14.81	51.11	33.57	9.99	8.21	13.7	2.778	121.3
401	5/14/2013 18:30:50	14.86	51.12	33.58	9.94	8.21	13.7	2.726	120.8
402	5/14/2013 18:45:50	14.87	51.11	33.57	9.97	8.21	12.2	2.667	121.2
403	5/14/2013 19:00:50	14.87	51.11	33.57	9.91	8.21	12.7	2.611	120.5
404	5/14/2013 19:15:50	14.97	51.03	33.52	9.98	8.23	13.9	2.559	121.4
405	5/14/2013 19:30:50	15.23	51.09	33.56	9.85	8.24	13.3	2.508	120.6
406	5/14/2013 19:45:50	15.47	51.02	33.52	9.81	8.25	13.9	2.457	120.6
407	5/14/2013 20:00:50	15.62	50.99	33.50	9.71	8.25	13.5	2.418	119.7
408	5/14/2013 20:15:50	15.62	51.00	33.51	9.62	8.26	14.1	2.383	118.5
409	5/14/2013 20:30:50	15.92	50.98	33.50	9.54	8.27	14.5	2.345	118.3
410	5/14/2013 20:45:50	16.14	50.98	33.50	9.48	8.29	14.2	2.331	118.1
411	5/14/2013 21:00:50	16.27	50.91	33.46	9.40	8.30	12.4	2.318	117.4
412	5/14/2013 21:15:50	16.34	50.94	33.48	9.33	8.30	14.1	2.318	116.7
413	5/14/2013 21:30:50	16.39	50.92	33.47	9.35	8.31	11.8	2.325	117.0
414	5/14/2013 21:45:50	16.38	50.92	33.46	9.15	8.30	11.8	2.334	114.5
415	5/14/2013 22:00:50	16.36	50.93	33.47	9.21	8.30	11.8	2.354	115.2
416	5/14/2013 22:15:50	16.29	50.91	33.45	9.25	8.30	13.3	2.393	115.5
417	5/14/2013 22:30:50	16.08	50.95	33.48	9.09	8.27	12.5	2.427	113.0
418	5/14/2013 22:45:50	15.90	50.84	33.40	9.10	8.25	10.4	2.455	112.7
419	5/14/2013 23:00:50	15.83	50.99	33.51	9.01	8.23	11.5	2.515	111.6
420	5/14/2013 23:15:50	15.98	50.94	33.47	9.08	8.25	13.2	2.555	112.8
421	5/14/2013 23:30:50	15.90	50.91	33.45	9.07	8.24	11.1	2.602	112.4
422	5/14/2013 23:45:50	15.79	50.95	33.48	9.03	8.23	10.3	2.652	111.7
423	5/15/2013 0:00:50	15.63	50.95	33.47	9.25	8.22	10.4	2.701	114.0

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	5/15/2013 0:15:50	15.32	51.07	33.55	9.35	8.21	9.4	2.762	114.6
425	5/15/2013 0:30:50	15.03	51.07	33.55	9.41	8.20	8.7	2.815	114.6
426	5/15/2013 0:45:50	14.71	51.11	33.57	9.54	8.19	7.9	2.866	115.5
427	5/15/2013 1:00:50	14.05	51.15	33.58	9.86	8.17	7.8	2.920	117.8
428	5/15/2013 1:15:50	13.72	51.22	33.62	9.97	8.17	7.2	2.981	118.5
429	5/15/2013 1:30:50	13.54	51.23	33.62	10.07	8.17	7.2	3.031	119.2
430	5/15/2013 1:45:50	13.50	51.12	33.54	10.00	8.17	6.4	3.084	118.2
431	5/15/2013 2:00:50	13.31	51.17	33.56	10.00	8.16	6.4	3.136	117.7
432	5/15/2013 2:15:50	13.10	51.26	33.62	9.96	8.15	5.5	3.172	116.8
433	5/15/2013 2:30:50	13.10	51.32	33.67	9.88	8.15	5.0	3.221	115.8
434	5/15/2013 2:45:50	13.01	51.23	33.60	9.95	8.15	6.2	3.247	116.5
435	5/15/2013 3:00:50	12.88	51.24	33.60	9.87	8.15	4.8	3.266	115.2
436	5/15/2013 3:15:50	12.83	51.24	33.60	9.73	8.14	4.7	3.283	113.5
437	5/15/2013 3:30:50	13.08	51.31	33.66	9.45	8.13	5.1	3.284	110.8
438	5/15/2013 3:45:50	13.04	51.29	33.65	9.56	8.14	4.7	3.263	112.0
439	5/15/2013 4:00:50	12.90	51.29	33.63	9.67	8.14	5.6	3.236	112.9
440	5/15/2013 4:15:50	12.94	51.30	33.65	9.70	8.14	6.2	3.186	113.4
441	5/15/2013 4:30:50	14.70	50.94	33.45	8.57	8.20	15.4	3.127	103.7
442	5/15/2013 4:45:50	14.26	51.13	33.57	9.03	8.18	10.0	3.060	108.4
443	5/15/2013 5:00:50	14.23	51.13	33.57	9.05	8.17	9.9	2.980	108.5
444	5/15/2013 5:15:50	14.36	51.17	33.60	8.92	8.18	11.5	2.894	107.3
445	5/15/2013 5:30:50	14.59	51.07	33.54	8.64	8.19	15.3	2.817	104.3
446	5/15/2013 5:45:50	14.73	51.05	33.53	8.48	8.19	12.7	2.732	102.7
447	5/15/2013 6:00:50	14.95	51.04	33.52	8.22	8.20	14.1	2.640	100.0
448	5/15/2013 6:15:50	14.98	51.01	33.50	8.05	8.20	14.6	2.557	97.9
449	5/15/2013 6:30:50	14.70	51.03	33.51	8.16	8.19	15.3	2.464	98.8
450	5/15/2013 6:45:50	14.60	51.03	33.50	8.52	8.19	15.9	2.358	102.9
451	5/15/2013 7:00:50	14.61	51.09	33.55	8.59	8.19	16.5	2.258	103.9
452	5/15/2013 7:15:50	14.86	51.07	33.54	8.59	8.21	17.0	2.160	104.4
453	5/15/2013 7:30:50	14.83	51.06	33.53	8.62	8.21	16.7	2.050	104.7
454	5/15/2013 7:45:50	14.94	51.04	33.52	8.59	8.22	16.4	1.956	104.5
455	5/15/2013 8:00:50	14.97	51.12	33.58	8.55	8.23	17.6	1.851	104.1
456	5/15/2013 8:15:50	15.19	51.08	33.56	8.44	8.24	18.5	1.756	103.2
457	5/15/2013 8:30:50	15.43	51.07	33.56	8.36	8.25	19.2	1.676	102.7
458	5/15/2013 8:45:50	15.47	51.01	33.51	8.34	8.25	18.3	1.582	102.6
459	5/15/2013 9:00:50	15.65	51.08	33.57	8.21	8.26	17.8	1.514	101.3
460	5/15/2013 9:15:50	15.72	51.01	33.52	8.24	8.26	16.7	1.464	101.8
461	5/15/2013 9:30:50	15.81	51.01	33.52	8.18	8.27	15.8	1.427	101.2
462	5/15/2013 9:45:50	15.90	51.00	33.51	8.20	8.28	14.9	1.410	101.6
463	5/15/2013 10:00:50	15.97	50.95	33.48	8.17	8.28	13.1	1.390	101.4
464	5/15/2013 10:15:50	15.88	50.97	33.49	8.15	8.27	12.6	1.421	101.0
465	5/15/2013 10:30:50	16.02	51.01	33.52	8.15	8.28	12.0	1.437	101.3
466	5/15/2013 10:45:50	16.01	51.06	33.56	8.20	8.28	11.7	1.458	101.9
467	5/15/2013 11:00:50	15.93	50.99	33.51	8.11	8.27	13.2	1.523	100.6
468	5/15/2013 11:15:50	16.00	50.86	33.41	8.06	8.28	13.3	1.561	100.1
469	5/15/2013 11:30:50	16.05	50.96	33.49	8.03	8.28	12.4	1.621	99.9
470	5/15/2013 11:45:50	16.10	50.96	33.49	7.93	8.29	13.8	1.672	98.7
471	5/15/2013 12:00:50	15.97	50.94	33.47	7.79	8.28	13.3	1.726	96.7
472	5/15/2013 12:15:50	15.86	50.96	33.49	7.80	8.27	13.1	1.805	96.6
473	5/15/2013 12:30:50	15.80	50.89	33.43	7.69	8.26	13.4	1.856	95.1
474	5/15/2013 12:45:50	15.74	50.89	33.43	7.61	8.26	13.6	1.926	94.0
475	5/15/2013 13:00:50	15.73	50.86	33.41	7.74	8.25	13.0	2.003	95.5
476	5/15/2013 13:15:50	15.43	50.94	33.46	7.91	8.23	14.5	2.073	97.1

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	5/15/2013 13:30:50	15.21	51.02	33.51	8.21	8.20	13.6	2.155	100.4
478	5/15/2013 13:45:50	15.11	51.03	33.52	8.35	8.20	12.7	2.228	101.9
479	5/15/2013 14:00:50	15.00	51.04	33.52	8.50	8.19	13.3	2.311	103.5
480	5/15/2013 14:15:50	14.98	51.07	33.54	8.65	8.19	12.8	2.385	105.3
481	5/15/2013 14:30:50	15.00	51.00	33.50	8.81	8.19	12.2	2.464	107.2
482	5/15/2013 14:45:50	15.03	51.00	33.50	8.91	8.19	10.8	2.530	108.6
483	5/15/2013 15:00:50	14.97	50.99	33.48	8.94	8.19	10.4	2.602	108.8
484	5/15/2013 15:15:50	14.91	50.99	33.49	9.03	8.19	10.6	2.668	109.7
485	5/15/2013 15:30:50	14.96	51.06	33.54	9.21	8.20	9.8	2.725	112.1
486	5/15/2013 15:45:50	14.71	51.04	33.52	9.34	8.19	11.9	2.791	113.1
487	5/15/2013 16:00:50	14.39	50.98	33.47	9.47	8.18	10.8	2.837	113.9
488	5/15/2013 16:15:50	14.26	51.08	33.54	9.72	8.19	9.6	2.884	116.7
489	5/15/2013 16:30:50	14.19	51.10	33.55	9.89	8.19	9.4	2.922	118.5
490	5/15/2013 16:45:50	14.18	51.07	33.52	9.90	8.19	7.1	2.964	118.6
491	5/15/2013 17:00:50	14.15	51.09	33.53	10.01	8.19	7.1	2.988	119.8
492	5/15/2013 17:15:50	14.14	51.04	33.50	9.93	8.18	7.0	2.999	118.8
493	5/15/2013 17:30:50	14.19	51.09	33.54	9.61	8.17	5.6	3.012	115.2
494	5/15/2013 17:45:50	14.25	51.10	33.54	9.55	8.17	8.4	2.993	114.6
495	5/15/2013 18:00:50	14.18	51.13	33.56	9.78	8.18	6.8	2.978	117.2
496	5/15/2013 18:15:50	14.23	51.04	33.50	9.69	8.18	6.4	2.937	116.2
497	5/15/2013 18:30:50	14.46	51.06	33.52	9.52	8.18	6.7	2.900	114.7
498	5/15/2013 18:45:50	14.93	51.06	33.53	9.41	8.20	7.6	2.851	114.5
499	5/15/2013 19:00:50	15.36	51.03	33.53	9.46	8.22	9.2	2.796	116.0
500	5/15/2013 19:15:50	15.39	51.04	33.53	9.68	8.23	10.9	2.740	118.8
501	5/15/2013 19:30:50	15.44	51.10	33.58	9.81	8.24	10.7	2.691	120.6
502	5/15/2013 19:45:50	15.35	51.05	33.54	9.85	8.24	9.8	2.636	120.9
503	5/15/2013 20:00:50	15.45	51.13	33.60	9.80	8.24	10.0	2.582	120.4
504	5/15/2013 20:15:50	15.59	50.85	33.40	9.75	8.25	10.4	2.537	120.1
505	5/15/2013 20:30:50	15.66	51.06	33.55	9.58	8.24	10.0	2.485	118.2
506	5/15/2013 20:45:50	15.77	51.06	33.55	9.61	8.25	9.4	2.455	118.8
507	5/15/2013 21:00:50	15.91	51.05	33.55	9.53	8.26	9.4	2.415	118.2
508	5/15/2013 21:15:50	16.05	50.92	33.46	9.54	8.27	8.6	2.381	118.5
509	5/15/2013 21:30:50	16.29	50.95	33.49	9.52	8.29	8.6	2.363	118.9
510	5/15/2013 21:45:50	16.30	51.01	33.53	9.51	8.29	8.4	2.354	118.8
511	5/15/2013 22:00:50	16.38	50.98	33.51	9.03	8.27	8.1	2.343	113.0
512	5/15/2013 22:15:50	16.15	51.01	33.53	9.35	8.27	7.4	2.337	116.5
513	5/15/2013 22:30:50	16.10	50.96	33.49	9.34	8.26	8.3	2.345	116.3
514	5/15/2013 22:45:50	16.11	51.01	33.53	9.35	8.26	7.8	2.361	116.4
515	5/15/2013 23:00:50	16.05	50.97	33.49	9.29	8.26	8.4	2.377	115.5
516	5/15/2013 23:15:50	16.01	51.04	33.55	9.29	8.25	7.8	2.403	115.4
517	5/15/2013 23:30:50	15.98	51.01	33.52	9.30	8.25	8.3	2.435	115.4
518	5/15/2013 23:45:50	15.99	50.98	33.50	9.25	8.25	7.9	2.469	114.9
519	5/16/2013 0:00:50	16.00	50.94	33.47	9.32	8.25	9.0	2.509	115.8
520	5/16/2013 0:15:50	15.89	51.03	33.54	9.22	8.24	7.8	2.546	114.3
521	5/16/2013 0:30:50	15.69	51.02	33.52	9.17	8.22	7.8	2.592	113.3
522	5/16/2013 0:45:50	15.49	51.08	33.57	9.18	8.21	8.1	2.638	112.9
523	5/16/2013 1:00:50	15.36	51.09	33.57	9.18	8.20	7.5	2.679	112.7
524	5/16/2013 1:15:50	15.37	51.12	33.59	9.28	8.21	6.7	2.722	113.9
525	5/16/2013 1:30:50	15.20	51.02	33.52	9.37	8.21	6.3	2.769	114.6
526	5/16/2013 1:45:50	14.38	51.14	33.58	9.49	8.17	6.4	2.815	114.2
527	5/16/2013 2:00:50	14.15	51.18	33.60	9.61	8.17	6.4	2.862	115.1
528	5/16/2013 2:15:50	13.95	51.18	33.60	9.66	8.17	6.8	2.901	115.2
529	5/16/2013 2:30:50	13.94	51.21	33.62	9.61	8.17	5.6	2.947	114.7

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
530	5/16/2013 2:45:50	13.62	51.22	33.61	9.80	8.17	6.1	2.991	116.2
531	5/16/2013 3:00:50	13.53	51.27	33.65	9.83	8.16	5.9	3.031	116.3
532	5/16/2013 3:15:50	13.56	51.28	33.66	9.74	8.16	5.0	3.066	115.3
533	5/16/2013 3:30:50	13.45	51.29	33.66	9.71	8.16	5.0	3.100	114.7
534	5/16/2013 3:45:50	13.31	51.32	33.68	9.73	8.15	4.5	3.114	114.7
535	5/16/2013 4:00:50	13.57	51.21	33.60	9.49	8.15	5.3	3.122	112.3
536	5/16/2013 4:15:50	13.45	51.25	33.63	9.34	8.14	4.5	3.128	110.4
537	5/16/2013 4:30:50	13.51	51.28	33.65	9.33	8.14	3.9	3.113	110.3
538	5/16/2013 4:45:50	13.48	51.22	33.61	9.38	8.14	4.7	3.083	110.8
539	5/16/2013 5:00:50	13.64	51.27	33.65	9.39	8.15	4.8	3.053	111.3
540	5/16/2013 5:15:50	13.84	51.16	33.58	9.31	8.16	4.5	3.006	110.8
541	5/16/2013 5:30:50	14.22	51.14	33.58	9.19	8.17	6.6	2.936	110.2
542	5/16/2013 5:45:50	14.61	51.12	33.57	8.90	8.17	8.1	2.874	107.6
543	5/16/2013 6:00:50	14.86	51.01	33.50	8.70	8.18	9.1	2.810	105.7
544	5/16/2013 6:15:50	15.03	51.06	33.54	8.64	8.19	9.3	2.733	105.3
545	5/16/2013 6:30:50	15.27	51.04	33.53	8.38	8.19	11.2	2.653	102.6
546	5/16/2013 6:45:50	15.31	51.03	33.52	8.33	8.19	11.1	2.577	102.1
547	5/16/2013 7:00:50	15.22	50.91	33.43	8.28	8.18	12.5	2.498	101.3
548	5/16/2013 7:15:50	15.09	51.08	33.56	8.38	8.18	12.0	2.414	102.3
549	5/16/2013 7:30:50	15.17	50.99	33.49	8.41	8.18	13.2	2.327	102.8
550	5/16/2013 7:45:50	15.55	50.99	33.50	8.59	8.21	12.7	2.232	105.8
551	5/16/2013 8:00:50	14.87	51.12	33.58	8.80	8.20	11.4	2.145	107.0
552	5/16/2013 8:15:50	15.84	50.98	33.50	8.67	8.25	12.6	2.050	107.3
553	5/16/2013 8:30:50	16.23	50.88	33.43	8.68	8.28	12.2	1.967	108.2
554	5/16/2013 8:45:50	16.42	51.01	33.53	8.71	8.29	12.6	1.876	109.1
555	5/16/2013 9:00:50	16.50	50.95	33.49	8.70	8.30	13.1	1.797	109.1
556	5/16/2013 9:15:50	16.32	51.04	33.55	8.71	8.27	13.8	1.731	108.9
557	5/16/2013 9:30:50	16.63	50.97	33.50	8.73	8.30	14.8	1.655	109.8
558	5/16/2013 9:45:50	16.84	50.84	33.41	8.71	8.32	16.0	1.595	110.0
559	5/16/2013 10:00:50	16.80	50.97	33.51	8.72	8.30	13.4	1.564	110.0
560	5/16/2013 10:15:50	16.87	50.89	33.45	8.72	8.31	13.0	1.537	110.1
561	5/16/2013 10:30:50	16.97	50.79	33.37	8.75	8.31	12.8	1.502	110.7
562	5/16/2013 10:45:50	16.92	50.99	33.52	8.52	8.30	13.1	1.502	107.8
563	5/16/2013 11:00:50	16.93	50.97	33.51	8.79	8.31	12.6	1.526	111.2
564	5/16/2013 11:15:50	16.87	50.94	33.49	8.73	8.31	11.2	1.546	110.2
565	5/16/2013 11:30:50	16.73	50.86	33.42	8.65	8.30	13.0	1.557	108.9
566	5/16/2013 11:45:50	16.65	50.99	33.52	8.59	8.29	13.0	1.608	108.1
567	5/16/2013 12:00:50	16.59	50.99	33.52	8.51	8.28	12.1	1.657	107.0
568	5/16/2013 12:15:50	16.60	50.94	33.48	8.50	8.28	12.6	1.692	106.8
569	5/16/2013 12:30:50	17.16	50.71	33.32	8.64	8.29	11.2	1.758	109.7
570	5/16/2013 12:45:50	17.25	50.51	33.18	8.61	8.29	12.0	1.810	109.3
571	5/16/2013 13:00:50	17.16	50.47	33.14	8.56	8.29	12.6	1.878	108.5
572	5/16/2013 13:15:50	17.11	50.58	33.23	8.75	8.29	10.5	1.938	110.9
573	5/16/2013 13:30:50	16.70	50.78	33.36	8.60	8.28	10.0	2.003	108.2
574	5/16/2013 13:45:50	16.39	50.94	33.48	8.29	8.25	12.3	2.074	103.7
575	5/16/2013 14:00:50	16.18	50.93	33.47	8.32	8.23	13.0	2.144	103.7
576	5/16/2013 14:15:50	16.26	50.89	33.44	8.35	8.23	10.8	2.210	104.2
577	5/16/2013 14:30:50	15.75	50.99	33.51	8.36	8.20	12.7	2.288	103.3
578	5/16/2013 14:45:50	15.62	50.81	33.37	8.45	8.19	12.8	2.361	104.1
579	5/16/2013 15:00:50	15.50	50.94	33.46	8.55	8.19	13.0	2.429	105.1
580	5/16/2013 15:15:50	15.40	51.02	33.52	8.59	8.18	12.2	2.502	105.5
581	5/16/2013 15:30:50	15.33	51.03	33.52	8.64	8.18	11.9	2.567	105.9
582	5/16/2013 15:45:50	15.31	51.03	33.53	8.71	8.18	11.7	2.630	106.7

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
583	5/16/2013 16:00:50	15.36	51.03	33.53	8.78	8.18	11.6	2.693	107.7
584	5/16/2013 16:15:50	15.22	51.08	33.56	8.86	8.18	11.7	2.749	108.4
585	5/16/2013 16:30:50	14.91	50.98	33.48	8.99	8.17	12.2	2.809	109.3
586	5/16/2013 16:45:50	14.74	50.97	33.47	9.36	8.18	10.9	2.860	113.4
587	5/16/2013 17:00:50	14.57	51.13	33.58	9.89	8.19	11.4	2.904	119.5
588	5/16/2013 17:15:50	14.53	51.08	33.54	9.99	8.19	8.3	2.949	120.5
589	5/16/2013 17:30:50	14.52	50.98	33.47	10.09	8.19	7.0	2.988	121.6
590	5/16/2013 17:45:50	14.48	51.13	33.57	10.13	8.19	7.8	3.018	122.1
591	5/16/2013 18:00:50	14.48	50.96	33.45	10.03	8.19	6.2	3.028	120.8
592	5/16/2013 18:15:50	14.65	51.08	33.54	9.68	8.18	6.7	3.040	117.1
593	5/16/2013 18:30:50	14.52	51.04	33.51	9.61	8.17	5.5	3.029	115.9
594	5/16/2013 18:45:50	14.45	51.12	33.57	9.77	8.17	5.6	3.018	117.7
595	5/16/2013 19:00:50	14.48	51.04	33.51	9.67	8.17	6.1	2.974	116.5
596	5/16/2013 19:15:50	14.61	50.98	33.47	9.56	8.18	6.4	2.946	115.5
597	5/16/2013 19:30:50	15.12	51.05	33.53	9.26	8.19	8.1	2.903	113.0
598	5/16/2013 19:45:50	15.52	51.09	33.57	9.06	8.20	8.6	2.842	111.6
599	5/16/2013 20:00:50	15.47	51.09	33.57	9.36	8.21	11.2	2.783	115.2
600	5/16/2013 20:15:50	15.47	51.00	33.50	9.53	8.22	10.1	2.741	117.1
601	5/16/2013 20:30:50	15.65	51.03	33.53	9.47	8.23	10.3	2.690	116.8
602	5/16/2013 20:45:50	15.64	51.09	33.58	9.30	8.22	18.1	2.640	114.8
603	5/16/2013 21:00:50	15.68	51.05	33.54	9.26	8.22	9.8	2.593	114.3
604	5/16/2013 21:15:50	15.76	50.96	33.49	9.22	8.22	9.7	2.532	114.0
605	5/16/2013 21:30:50	15.76	50.96	33.48	9.23	8.23	9.1	2.503	114.1
606	5/16/2013 21:45:50	16.27	50.91	33.46	9.01	8.24	26.6	2.459	112.5
607	5/16/2013 22:00:50	16.54	51.00	33.53	9.07	8.25	8.9	2.419	113.9
608	5/16/2013 22:15:50	16.69	50.94	33.48	9.31	8.28	8.6	2.393	117.1
609	5/16/2013 22:30:50	16.77	50.84	33.41	9.17	8.28	8.3	2.367	115.5
610	5/16/2013 22:45:50	16.77	50.94	33.48	9.29	8.28	24.8	2.340	117.1
611	5/16/2013 23:00:50	16.78	50.88	33.44	9.02	8.27	7.5	2.323	113.7
612	5/16/2013 23:15:50	16.91	50.85	33.42	9.04	8.27	38.0	2.327	114.3
613	5/16/2013 23:30:50	16.68	50.84	33.41	8.88	8.26	7.5	2.323	111.7
614	5/16/2013 23:45:50	16.69	50.99	33.52	8.98	8.26	7.8	2.334	113.1
615	5/17/2013 0:00:50	16.61	50.98	33.51	8.99	8.25	7.9	2.343	113.1
616	5/17/2013 0:15:50	16.57	50.95	33.49	8.93	8.25	7.8	2.365	112.2
617	5/17/2013 0:30:50	16.54	51.00	33.52	8.91	8.24	7.9	2.395	111.8
618	5/17/2013 0:45:50	16.41	50.96	33.49	8.70	8.22	8.6	2.420	109.0
619	5/17/2013 1:00:50	16.32	50.93	33.47	8.54	8.21	7.9	2.461	106.7
620	5/17/2013 1:15:50	16.40	51.01	33.53	8.85	8.23	7.7	2.498	110.7
621	5/17/2013 1:30:50	16.31	51.00	33.52	8.75	8.22	8.4	2.541	109.4
622	5/17/2013 1:45:50	16.22	50.91	33.45	8.70	8.21	7.6	2.582	108.5
623	5/17/2013 2:00:50	16.07	51.03	33.54	8.62	8.20	7.3	2.637	107.3
624	5/17/2013 2:15:50	15.78	51.04	33.54	8.78	8.19	7.0	2.668	108.6
625	5/17/2013 2:30:50	15.58	51.01	33.51	8.81	8.18	6.8	2.712	108.6
626	5/17/2013 2:45:50	15.50	51.03	33.52	8.91	8.19	6.9	2.763	109.6
627	5/17/2013 3:00:50	15.11	51.14	33.60	9.06	8.17	6.1	2.794	110.6
628	5/17/2013 3:15:50	14.92	51.08	33.55	9.18	8.17	6.2	2.844	111.6
629	5/17/2013 3:30:50	14.64	51.00	33.48	9.26	8.16	5.4	2.878	111.9
630	5/17/2013 3:45:50	14.51	51.15	33.59	9.30	8.16	4.9	2.910	112.2
631	5/17/2013 4:00:50	14.43	51.04	33.51	9.30	8.16	5.2	2.951	111.9
632	5/17/2013 4:15:50	14.38	51.09	33.54	9.37	8.16	5.0	2.971	112.8
633	5/17/2013 4:30:50	14.34	51.18	33.61	9.34	8.16	4.6	2.994	112.3
634	5/17/2013 4:45:50	14.32	51.15	33.59	9.31	8.16	4.6	3.012	111.9
635	5/17/2013 5:00:50	14.67	51.01	33.49	8.94	8.16	6.4	3.009	108.1

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	5/17/2013 5:15:50	14.44	51.17	33.60	8.73	8.13	5.4	3.005	105.2
637	5/17/2013 5:30:50	14.32	51.18	33.61	8.86	8.14	5.5	3.000	106.5
638	5/17/2013 5:45:50	14.39	51.18	33.61	8.80	8.14	5.3	2.971	105.9
639	5/17/2013 6:00:50	14.37	51.13	33.58	8.86	8.14	5.7	2.930	106.6
640	5/17/2013 6:15:50	14.65	50.99	33.48	8.77	8.15	6.2	2.891	106.1
641	5/17/2013 6:30:50	15.05	50.98	33.48	8.51	8.16	9.2	2.839	103.7
642	5/17/2013 6:45:50	15.08	51.13	33.59	8.57	8.17	9.6	2.772	104.6
643	5/17/2013 7:00:50	15.09	51.16	33.61	8.59	8.17	9.5	2.711	104.9
644	5/17/2013 7:15:50	15.21	51.00	33.50	8.47	8.17	9.5	2.644	103.6
645	5/17/2013 7:30:50	15.22	51.06	33.54	8.45	8.17	10.9	2.585	103.4
646	5/17/2013 7:45:50	15.42	51.07	33.56	8.42	8.18	10.5	2.514	103.4
647	5/17/2013 8:00:50	15.50	51.04	33.54	8.32	8.18	9.7	2.439	102.3
648	5/17/2013 8:15:50	15.60	51.11	33.59	8.38	8.19	11.8	2.349	103.3
649	5/17/2013 8:30:50	15.76	51.07	33.56	8.45	8.20	11.2	2.289	104.5
650	5/17/2013 8:45:50	16.11	51.07	33.57	8.51	8.23	11.9	2.204	106.0
651	5/17/2013 9:00:50	16.42	50.99	33.52	8.59	8.25	12.5	2.121	107.6
652	5/17/2013 9:15:50	16.58	50.95	33.49	8.69	8.26	13.0	2.038	109.2
653	5/17/2013 9:30:50	16.74	51.04	33.56	8.72	8.26	15.0	1.955	110.0
654	5/17/2013 9:45:50	17.07	51.01	33.54	8.77	8.29	14.7	1.894	111.2
655	5/17/2013 10:00:50	17.13	51.06	33.58	8.85	8.29	13.7	1.815	112.5
656	5/17/2013 10:15:50	17.29	50.99	33.52	8.88	8.31	14.5	1.755	113.1
657	5/17/2013 10:30:50	17.43	50.95	33.50	8.89	8.32	13.7	1.726	113.6
658	5/17/2013 10:45:50	17.42	51.01	33.54	8.91	8.32	12.4	1.665	113.8
659	5/17/2013 11:00:50	17.49	50.98	33.52	8.83	8.32	12.7	1.644	112.8
660	5/17/2013 11:15:50	17.56	50.98	33.53	8.82	8.33	12.5	1.623	112.9
661	5/17/2013 11:30:50	17.60	50.96	33.51	8.73	8.31	12.2	1.606	111.9
662	5/17/2013 11:45:50	17.43	51.04	33.56	8.89	8.31	11.0	1.631	113.5
663	5/17/2013 12:00:50	17.39	50.94	33.49	8.75	8.31	11.7	1.630	111.6
664	5/17/2013 12:15:50	17.41	50.98	33.52	8.79	8.31	11.4	1.651	112.2
665	5/17/2013 12:30:50	17.57	50.95	33.50	8.90	8.33	8.8	1.686	114.0
666	5/17/2013 12:45:50	17.38	50.95	33.50	8.82	8.31	12.0	1.732	112.5
667	5/17/2013 13:00:50	17.27	50.94	33.49	8.63	8.30	11.9	1.767	109.8
668	5/17/2013 13:15:50	17.39	50.93	33.49	8.69	8.30	12.2	1.812	110.9
669	5/17/2013 13:30:50	17.68	50.91	33.47	8.84	8.30	9.8	1.875	113.4
670	5/17/2013 13:45:50	17.94	50.79	33.38	8.87	8.32	9.5	1.929	114.2
671	5/17/2013 14:00:50	17.68	50.73	33.34	8.55	8.30	10.8	1.998	109.5
672	5/17/2013 14:15:50	17.59	50.78	33.38	8.38	8.28	11.4	2.062	107.3
673	5/17/2013 14:30:50	17.52	50.87	33.44	8.47	8.27	9.5	2.124	108.3
674	5/17/2013 14:45:50	16.80	51.03	33.55	8.12	8.24	12.2	2.193	102.5
675	5/17/2013 15:00:50	16.88	50.88	33.44	8.20	8.24	11.2	2.264	103.5
676	5/17/2013 15:15:50	16.67	51.13	33.62	8.14	8.21	9.5	2.334	102.6
677	5/17/2013 15:30:50	16.14	51.11	33.60	8.25	8.19	11.9	2.404	102.8
678	5/17/2013 15:45:50	15.90	51.03	33.53	8.27	8.18	16.0	2.472	102.5
679	5/17/2013 16:00:50	15.71	51.05	33.55	8.37	8.17	12.9	2.535	103.4
680	5/17/2013 16:15:50	15.63	51.10	33.58	8.38	8.17	12.3	2.605	103.3
681	5/17/2013 16:30:50	15.61	50.99	33.50	8.46	8.17	10.8	2.663	104.2
682	5/17/2013 16:45:50	15.43	51.09	33.57	8.56	8.16	10.9	2.731	105.2
683	5/17/2013 17:00:50	15.32	51.06	33.54	8.60	8.16	11.8	2.795	105.5
684	5/17/2013 17:15:50	15.20	51.12	33.58	8.68	8.16	11.1	2.842	106.2
685	5/17/2013 17:30:50	14.99	51.15	33.61	8.89	8.16	10.8	2.904	108.3
686	5/17/2013 17:45:50	14.89	51.01	33.50	9.19	8.16	10.7	2.945	111.6
687	5/17/2013 18:00:50	14.79	50.99	33.48	9.55	8.17	9.2	2.985	115.8
688	5/17/2013 18:15:50	14.70	51.06	33.53	9.74	8.18	7.6	3.029	118.0

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
689	5/17/2013 18:30:50	14.65	51.08	33.54	9.83	8.18	7.6	3.060	118.9
690	5/17/2013 18:45:50	14.62	51.06	33.52	9.81	8.18	6.2	3.078	118.6
691	5/17/2013 19:00:50	14.92	51.09	33.56	9.41	8.17	10.4	3.094	114.4
692	5/17/2013 19:15:51	14.67	51.20	33.63	9.40	8.16	5.4	3.097	113.8
693	5/17/2013 19:30:50	14.62	51.10	33.55	9.37	8.15	5.3	3.080	113.3
694	5/17/2013 19:45:50	14.63	50.99	33.47	9.47	8.16	5.9	3.059	114.4
695	5/17/2013 20:00:50	14.79	51.11	33.57	9.27	8.16	7.4	3.018	112.5
696	5/17/2013 20:15:50	15.52	51.13	33.60	8.67	8.19	12.0	2.969	106.7
697	5/17/2013 20:30:50	15.40	51.14	33.61	8.70	8.18	12.9	2.921	106.9
698	5/17/2013 20:45:50	15.36	51.09	33.57	8.69	8.18	13.0	2.857	106.6
699	5/17/2013 21:00:50	15.61	51.07	33.56	8.65	8.18	11.7	2.811	106.7
700	5/17/2013 21:15:50	15.33	51.11	33.59	8.75	8.18	13.0	2.744	107.3
701	5/17/2013 21:30:50	15.45	51.12	33.59	8.75	8.19	12.2	2.676	107.6
702	5/17/2013 21:45:50	15.58	51.06	33.55	8.70	8.19	11.1	2.636	107.3
703	5/17/2013 22:00:50	15.78	51.06	33.56	8.64	8.20	10.3	2.580	106.9
704	5/17/2013 22:15:50	16.00	51.14	33.62	8.66	8.21	10.3	2.518	107.7
705	5/17/2013 22:30:50	16.10	51.07	33.57	8.62	8.22	11.3	2.462	107.3
706	5/17/2013 22:45:50	15.95	51.09	33.58	8.70	8.21	11.7	2.428	108.0
707	5/17/2013 23:00:50	17.07	51.06	33.58	8.68	8.28	9.8	2.371	110.1
708	5/17/2013 23:15:50	17.27	50.90	33.46	8.76	8.31	10.1	2.328	111.5
709	5/17/2013 23:30:50	17.32	50.95	33.50	8.76	8.31	9.6	2.301	111.7
710	5/17/2013 23:45:50	17.43	50.94	33.49	8.85	8.33	10.4	2.269	113.0
711	5/18/2013 0:00:50	17.55	51.01	33.54	8.83	8.33	8.9	2.248	113.1
712	5/18/2013 0:15:50	17.54	50.99	33.53	8.82	8.32	9.5	2.226	112.9
713	5/18/2013 0:30:50	17.58	50.95	33.50	8.87	8.33	9.5	2.224	113.6
714	5/18/2013 0:45:50	17.47	51.10	33.61	8.80	8.32	9.8	2.231	112.5
715	5/18/2013 1:00:50	17.35	50.97	33.51	8.70	8.31	10.1	2.231	111.0
716	5/18/2013 1:15:50	17.16	51.03	33.55	8.46	8.28	12.5	2.253	107.5
717	5/18/2013 1:30:50	17.09	50.90	33.46	8.52	8.27	10.8	2.282	108.1
718	5/18/2013 1:45:50	17.02	50.82	33.40	8.42	8.27	11.7	2.310	106.7
719	5/18/2013 2:00:50	16.94	50.97	33.51	8.25	8.25	17.8	2.344	104.4
720	5/18/2013 2:15:50	16.81	51.01	33.53	8.15	8.23	12.0	2.390	102.9
721	5/18/2013 2:30:50	16.99	50.93	33.48	8.29	8.26	11.7	2.427	104.9
722	5/18/2013 2:45:50	16.86	50.97	33.51	8.15	8.24	11.7	2.473	103.0
723	5/18/2013 3:00:50	16.73	51.02	33.54	8.00	8.22	11.6	2.518	100.8
724	5/18/2013 3:15:50	16.67	51.05	33.56	8.06	8.21	10.3	2.556	101.5
725	5/18/2013 3:30:50	16.39	51.08	33.58	8.25	8.20	8.4	2.606	103.3
726	5/18/2013 3:45:50	16.19	51.04	33.55	8.28	8.19	8.9	2.647	103.3
727	5/18/2013 4:00:50	16.00	51.05	33.55	8.36	8.18	33.5	2.686	103.9
728	5/18/2013 4:15:50	15.81	51.16	33.63	8.42	8.18	7.8	2.725	104.4
729	5/18/2013 4:30:50	15.49	50.99	33.50	8.61	8.17	7.0	2.764	105.9
730	5/18/2013 4:45:50	15.29	51.10	33.58	8.71	8.16	7.2	2.798	106.7
731	5/18/2013 5:00:50	15.12	51.07	33.55	8.81	8.16	6.5	2.827	107.6
732	5/18/2013 5:15:50	15.02	51.08	33.56	8.87	8.16	6.4	2.856	108.1
733	5/18/2013 5:30:50	14.97	51.12	33.58	8.86	8.15	6.2	2.879	107.9
734	5/18/2013 5:45:50	14.89	51.17	33.61	8.89	8.15	6.2	2.900	108.1
735	5/18/2013 6:00:50	14.87	51.11	33.57	8.82	8.15	5.6	2.908	107.2
736	5/18/2013 6:15:50	15.13	51.07	33.55	8.50	8.15	8.6	2.921	103.9
737	5/18/2013 6:30:50	14.91	51.18	33.62	8.54	8.14	7.2	2.908	103.8
738	5/18/2013 6:45:50	14.85	51.11	33.57	8.56	8.14	7.1	2.896	104.0
739	5/18/2013 7:00:50	14.91	51.06	33.54	8.48	8.13	6.2	2.873	103.1
740	5/18/2013 7:15:50	15.32	51.06	33.54	8.23	8.15	7.7	2.834	100.8
741	5/18/2013 7:30:50	15.77	51.01	33.52	7.96	8.17	8.4	2.796	98.4

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
742	5/18/2013 7:45:50	15.55	51.09	33.58	8.25	8.17	7.7	2.738	101.7
743	5/18/2013 8:00:50	15.83	51.11	33.59	7.88	8.20	11.1	2.684	97.7
744	5/18/2013 8:15:50	15.96	51.04	33.55	7.77	8.20	13.1	2.616	96.5
745	5/18/2013 8:30:50	16.04	51.12	33.61	7.91	8.21	11.2	2.552	98.4
746	5/18/2013 8:45:50	15.78	51.03	33.53	8.08	8.19	11.1	2.485	99.9
747	5/18/2013 9:00:50	16.20	50.92	33.46	7.96	8.22	11.5	2.398	99.3
748	5/18/2013 9:15:50	16.16	51.00	33.52	8.09	8.22	12.6	2.335	100.8
749	5/18/2013 9:30:50	16.34	51.06	33.57	8.05	8.23	11.5	2.264	100.7
750	5/18/2013 9:45:50	16.44	51.03	33.54	8.14	8.24	11.7	2.185	102.0
751	5/18/2013 10:00:50	16.59	50.96	33.50	8.16	8.25	12.5	2.109	102.6
752	5/18/2013 10:15:50	16.70	51.12	33.61	8.24	8.26	12.8	2.038	103.9
753	5/18/2013 10:30:50	16.82	51.14	33.63	8.29	8.27	12.9	1.980	104.7
754	5/18/2013 10:45:50	17.02	51.04	33.56	8.36	8.29	13.1	1.913	105.9
755	5/18/2013 11:00:50	17.17	51.06	33.58	8.39	8.31	12.0	1.846	106.7
756	5/18/2013 11:15:50	17.28	51.06	33.58	8.44	8.32	12.4	1.809	107.5
757	5/18/2013 11:30:50	17.34	50.97	33.51	8.37	8.33	14.8	1.770	106.8
758	5/18/2013 11:45:50	17.40	51.03	33.56	8.35	8.34	12.2	1.724	106.6
759	5/18/2013 12:00:50	17.41	51.02	33.55	8.21	8.34	11.7	1.701	104.9
760	5/18/2013 12:15:50	17.50	50.99	33.53	8.33	8.34	12.3	1.711	106.5
761	5/18/2013 12:30:50	17.37	51.01	33.55	8.35	8.33	10.8	1.687	106.5
762	5/18/2013 12:45:50	17.34	50.99	33.53	8.31	8.33	11.2	1.697	106.0
763	5/18/2013 13:00:50	17.37	50.96	33.51	8.36	8.33	9.6	1.721	106.6
764	5/18/2013 13:15:50	17.37	50.99	33.53	8.35	8.34	9.7	1.744	106.5
765	5/18/2013 13:30:50	17.31	51.00	33.53	8.30	8.32	11.2	1.779	105.8
766	5/18/2013 13:45:50	17.24	51.00	33.53	8.16	8.32	11.1	1.818	103.8
767	5/18/2013 14:00:50	17.23	51.00	33.54	8.08	8.31	11.6	1.868	102.8
768	5/18/2013 14:15:50	17.27	51.03	33.55	8.05	8.30	12.2	1.920	102.5
769	5/18/2013 14:30:50	17.25	50.92	33.47	8.04	8.30	10.8	1.980	102.4
770	5/18/2013 14:45:50	17.32	50.97	33.51	7.94	8.29	10.8	2.031	101.2
771	5/18/2013 15:00:50	17.25	50.89	33.45	7.86	8.28	11.5	2.099	100.0
772	5/18/2013 15:15:50	16.98	51.05	33.56	7.65	8.26	10.0	2.171	96.9
773	5/18/2013 15:30:50	16.78	50.88	33.44	7.67	8.25	11.9	2.232	96.7
774	5/18/2013 15:45:50	16.43	51.00	33.52	7.71	8.21	12.9	2.295	96.6
775	5/18/2013 16:00:50	16.29	50.98	33.51	7.71	8.19	12.3	2.366	96.4
776	5/18/2013 16:15:50	16.12	50.98	33.50	7.82	8.18	12.3	2.445	97.4
777	5/18/2013 16:30:50	16.06	51.05	33.56	7.90	8.17	13.0	2.512	98.3
778	5/18/2013 16:45:50	15.95	50.99	33.51	7.96	8.17	12.6	2.579	98.7
779	5/18/2013 17:00:50	15.91	51.06	33.56	8.00	8.17	12.1	2.651	99.2
780	5/18/2013 17:15:50	15.77	51.06	33.55	8.12	8.16	11.5	2.723	100.4
781	5/18/2013 17:30:50	15.69	51.13	33.60	8.17	8.16	11.5	2.781	100.9
782	5/18/2013 17:45:50	15.53	51.01	33.51	8.38	8.16	11.6	2.848	103.1
783	5/18/2013 18:00:50	15.41	51.01	33.51	8.51	8.15	12.0	2.909	104.5
784	5/18/2013 18:15:50	15.19	51.02	33.52	8.87	8.16	12.3	2.967	108.4
785	5/18/2013 18:30:50	14.95	51.03	33.51	9.24	8.16	11.7	3.020	112.4
786	5/18/2013 18:45:50	14.85	51.01	33.50	9.52	8.17	10.1	3.066	115.5
787	5/18/2013 19:00:50	14.83	50.98	33.48	9.62	8.17	7.3	3.112	116.7
788	5/18/2013 19:15:50	14.74	50.86	33.38	9.82	8.18	8.5	3.149	118.9
789	5/18/2013 19:30:50	14.94	50.93	33.44	9.67	8.18	7.7	3.168	117.6
790	5/18/2013 19:45:50	15.07	51.04	33.52	9.28	8.17	9.2	3.186	113.2
791	5/18/2013 20:00:50	14.77	51.07	33.54	9.39	8.16	7.5	3.179	113.9
792	5/18/2013 20:15:50	14.91	51.10	33.57	9.20	8.16	6.4	3.169	111.9
793	5/18/2013 20:30:50	14.88	51.10	33.57	9.31	8.16	7.6	3.138	113.1
794	5/18/2013 20:45:50	14.94	51.06	33.54	9.27	8.16	8.1	3.092	112.7

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	5/18/2013 21:00:50	15.03	51.11	33.58	9.01	8.16	9.3	3.050	109.8
796	5/18/2013 21:15:50	15.17	51.08	33.56	8.73	8.16	13.0	2.988	106.7
797	5/18/2013 21:30:50	15.18	51.05	33.54	8.62	8.16	13.9	2.925	105.4
798	5/18/2013 21:45:50	15.15	51.09	33.56	8.67	8.16	13.5	2.850	106.0
799	5/18/2013 22:00:50	15.13	51.04	33.53	8.59	8.16	14.8	2.789	105.0
800	5/18/2013 22:15:50	15.20	51.10	33.57	8.52	8.16	16.0	2.715	104.2
801	5/18/2013 22:30:50	15.28	51.12	33.59	8.44	8.16	15.2	2.641	103.5
802	5/18/2013 22:45:50	15.40	51.12	33.59	8.35	8.16	14.7	2.584	102.5
803	5/18/2013 23:00:50	15.33	51.16	33.62	8.28	8.16	17.3	2.510	101.6
804	5/18/2013 23:15:50	15.44	51.12	33.59	8.14	8.16	18.5	2.437	100.0
805	5/18/2013 23:30:50	15.93	51.05	33.55	8.08	8.19	16.1	2.380	100.3
806	5/18/2013 23:45:50	15.78	51.22	33.67	8.12	8.19	15.6	2.311	100.5
807	5/19/2013 0:00:50	16.42	51.10	33.60	8.13	8.24	15.3	2.253	101.8
808	5/19/2013 0:15:50	16.53	51.09	33.59	8.19	8.26	13.9	2.189	102.9
809	5/19/2013 0:30:50	16.42	51.05	33.56	8.22	8.27	14.4	2.148	102.9
810	5/19/2013 0:45:50	16.83	50.97	33.51	8.24	8.31	12.6	2.110	104.1
811	5/19/2013 1:00:50	16.72	51.00	33.53	8.27	8.30	12.8	2.060	104.1
812	5/19/2013 1:15:50	16.81	51.07	33.58	8.31	8.32	12.0	2.051	105.0
813	5/19/2013 1:30:50	16.92	51.12	33.62	8.28	8.33	12.8	2.046	104.8
814	5/19/2013 1:45:50	16.97	51.06	33.57	7.88	8.31	10.8	2.040	99.8
815	5/19/2013 2:00:50	17.02	51.10	33.60	7.92	8.32	9.4	2.047	100.5
816	5/19/2013 2:15:50	17.04	51.10	33.61	8.32	8.33	9.5	2.080	105.5
817	5/19/2013 2:30:50	16.94	51.09	33.60	8.25	8.32	10.0	2.103	104.4
818	5/19/2013 2:45:50	16.95	51.05	33.57	8.28	8.32	9.5	2.133	104.8
819	5/19/2013 3:00:50	16.98	51.03	33.55	8.19	8.32	9.9	2.171	103.7
820	5/19/2013 3:15:50	16.77	51.02	33.54	7.90	8.28	9.6	2.214	99.7
821	5/19/2013 3:30:50	16.69	50.98	33.51	7.79	8.26	17.7	2.268	98.0
822	5/19/2013 3:45:50	16.62	51.09	33.59	7.74	8.25	14.8	2.305	97.4
823	5/19/2013 4:00:50	16.62	51.06	33.57	7.80	8.25	18.9	2.352	98.1
824	5/19/2013 4:15:50	16.65	51.04	33.56	7.71	8.25	13.2	2.407	97.1
825	5/19/2013 4:30:50	16.63	51.05	33.56	7.64	8.24	10.6	2.447	96.1
826	5/19/2013 4:45:50	16.60	51.02	33.54	7.58	8.23	11.2	2.497	95.3
827	5/19/2013 5:00:50	16.54	51.02	33.54	7.59	8.22	8.4	2.537	95.3
828	5/19/2013 5:15:50	16.29	50.95	33.49	7.64	8.20	8.8	2.592	95.4
829	5/19/2013 5:30:50	16.15	51.06	33.56	7.66	8.19	8.6	2.632	95.5
830	5/19/2013 5:45:50	15.91	51.02	33.53	7.79	8.17	7.8	2.674	96.6
831	5/19/2013 6:00:50	15.73	51.09	33.58	7.91	8.17	8.3	2.710	97.8
832	5/19/2013 6:15:50	15.59	51.03	33.53	8.02	8.16	9.5	2.751	98.8
833	5/19/2013 6:30:50	15.46	51.09	33.57	8.10	8.16	7.9	2.779	99.6
834	5/19/2013 6:45:50	15.38	51.07	33.56	8.17	8.16	9.0	2.807	100.2
835	5/19/2013 7:00:50	15.37	51.03	33.52	8.11	8.15	8.4	2.828	99.6
836	5/19/2013 7:15:50	15.35	51.06	33.55	8.03	8.15	7.2	2.846	98.5
837	5/19/2013 7:30:50	15.19	51.08	33.56	7.41	8.17	12.8	2.857	90.6
838	5/19/2013 7:45:50	15.17	51.12	33.59	7.33	8.18	14.4	2.841	89.6
839	5/19/2013 8:00:50	15.18	51.20	33.65	7.29	8.17	21.1	2.841	89.2
840	5/19/2013 8:15:50	15.28	51.19	33.64	7.35	8.16	18.0	2.822	90.0
841	5/19/2013 8:30:50	15.34	51.12	33.59	7.24	8.15	17.7	2.773	88.8
842	5/19/2013 8:45:50	15.57	51.13	33.60	7.54	8.16	14.7	2.732	92.9
843	5/19/2013 9:00:50	15.45	51.06	33.55	7.56	8.16	16.9	2.684	92.9
844	5/19/2013 9:15:50	15.29	51.23	33.67	7.67	8.16	17.5	2.624	94.1
845	5/19/2013 9:30:50	15.68	51.13	33.61	7.84	8.17	17.0	2.555	96.8
846	5/19/2013 9:45:50	16.14	51.11	33.60	7.84	8.18	15.9	2.487	97.7
847	5/19/2013 10:00:50	16.32	51.10	33.59	7.71	8.20	17.4	2.423	96.4

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
848	5/19/2013 10:15:50	16.39	51.01	33.53	7.67	8.20	17.4	2.341	96.1
849	5/19/2013 10:30:50	16.48	51.09	33.59	7.55	8.21	17.0	2.274	94.7
850	5/19/2013 10:45:50	16.52	51.05	33.56	7.46	8.21	17.4	2.202	93.6
851	5/19/2013 11:00:50	16.60	51.02	33.54	7.48	8.21	21.6	2.115	94.1
852	5/19/2013 11:15:50	16.66	50.97	33.51	7.51	8.22	18.5	2.067	94.4
853	5/19/2013 11:30:50	16.68	50.96	33.49	7.45	8.22	19.8	2.002	93.7
854	5/19/2013 11:45:50	16.72	51.10	33.60	7.52	8.23	19.0	1.941	94.7
855	5/19/2013 12:00:50	16.77	51.03	33.55	7.51	8.24	17.6	1.884	94.7
856	5/19/2013 12:15:50	16.81	51.07	33.58	7.51	8.24	15.8	1.837	94.9
857	5/19/2013 12:30:50	16.85	50.97	33.51	7.44	8.25	15.9	1.814	94.0
858	5/19/2013 12:45:50	16.90	50.80	33.38	7.44	8.25	20.5	1.762	94.0
859	5/19/2013 13:00:50	16.93	51.09	33.59	7.38	8.24	16.4	1.760	93.4
860	5/19/2013 13:15:50	17.00	50.98	33.52	7.47	8.25	15.5	1.743	94.6
861	5/19/2013 13:30:50	17.03	51.08	33.59	7.65	8.27	13.3	1.730	97.0
862	5/19/2013 13:45:50	17.06	51.06	33.57	7.67	8.28	12.7	1.743	97.3
863	5/19/2013 14:00:50	17.11	51.07	33.58	7.81	8.29	13.0	1.757	99.2
864	5/19/2013 14:15:50	17.14	51.03	33.56	7.83	8.29	15.1	1.785	99.5
865	5/19/2013 14:30:50	17.15	50.99	33.52	7.78	8.29	14.1	1.807	98.8
866	5/19/2013 14:45:50	17.03	51.04	33.56	7.70	8.28	14.7	1.870	97.5
867	5/19/2013 15:00:50	17.11	51.03	33.55	7.80	8.29	14.4	1.908	99.0
868	5/19/2013 15:15:50	17.05	51.04	33.56	7.70	8.27	14.9	1.957	97.6
869	5/19/2013 15:30:50	17.04	51.03	33.55	7.70	8.28	15.0	2.044	97.6
870	5/19/2013 15:45:50	16.98	51.06	33.57	7.62	8.25	14.2	2.103	96.5
871	5/19/2013 16:00:50	16.98	51.04	33.56	7.61	8.26	17.1	2.172	96.4
872	5/19/2013 16:15:50	17.12	51.06	33.58	7.68	8.27	14.0	2.232	97.6
873	5/19/2013 16:30:50	17.16	51.00	33.53	7.70	8.28	14.4	2.325	97.9
874	5/19/2013 16:45:50	17.09	50.87	33.44	7.60	8.28	17.5	2.401	96.4
875	5/19/2013 17:00:50	16.99	51.01	33.54	7.56	8.26	18.4	2.457	95.8
876	5/19/2013 17:15:50	16.62	51.05	33.56	7.59	8.21	16.9	2.535	95.5
877	5/19/2013 17:30:50	16.20	50.97	33.50	7.70	8.18	18.1	2.612	96.1
878	5/19/2013 17:45:50	16.05	50.91	33.45	7.83	8.18	18.5	2.687	97.4
879	5/19/2013 18:00:50	15.90	51.03	33.53	7.89	8.17	17.9	2.745	97.8
880	5/19/2013 18:15:50	15.84	51.02	33.53	7.96	8.16	16.4	2.811	98.5
881	5/19/2013 18:30:50	15.79	51.00	33.51	8.04	8.16	15.6	2.881	99.4
882	5/19/2013 18:45:51	15.47	51.08	33.57	8.26	8.16	17.0	2.940	101.6
883	5/19/2013 19:00:50	15.30	51.04	33.53	8.37	8.15	17.7	3.009	102.5
884	5/19/2013 19:15:50	15.14	51.03	33.52	8.57	8.15	16.9	3.068	104.6
885	5/19/2013 19:30:50	14.92	50.96	33.46	8.85	8.15	14.1	3.128	107.6
886	5/19/2013 19:45:50	14.72	50.97	33.46	9.04	8.16	10.9	3.180	109.5
887	5/19/2013 20:00:50	14.67	51.03	33.51	9.05	8.16	8.3	3.218	109.5
888	5/19/2013 20:15:50	14.61	50.99	33.48	9.11	8.16	8.6	3.246	110.0
889	5/19/2013 20:30:50	15.03	51.06	33.54	8.63	8.16	11.9	3.264	105.2
890	5/19/2013 20:45:50	14.83	51.03	33.51	8.54	8.13	11.7	3.267	103.7
891	5/19/2013 21:00:50	14.86	50.91	33.42	8.50	8.14	26.5	3.250	103.2
892	5/19/2013 21:15:50	14.95	50.97	33.47	8.45	8.15	27.7	3.217	102.8
893	5/19/2013 21:30:50	15.09	51.08	33.55	8.34	8.15	22.0	3.169	101.8
894	5/19/2013 21:45:50	15.11	51.08	33.56	8.37	8.15	16.6	3.117	102.2
895	5/19/2013 22:00:50	15.32	51.00	33.50	8.42	8.16	15.8	3.045	103.2
896	5/19/2013 22:15:50	15.22	51.01	33.50	8.54	8.16	13.5	2.969	104.4
897	5/19/2013 22:30:50	14.90	51.21	33.65	8.51	8.16	13.0	2.886	103.6
898	5/19/2013 22:45:50	15.49	51.12	33.59	7.87	8.15	14.5	2.816	96.8
899	5/19/2013 23:00:50	15.89	51.10	33.59	7.56	8.16	15.0	2.731	93.8
900	5/19/2013 23:15:50	16.12	51.00	33.52	7.42	8.17	17.3	2.657	92.4

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
901	5/19/2013 23:30:50	15.64	51.06	33.55	7.67	8.15	15.5	2.570	94.7
902	5/19/2013 23:45:50	15.35	51.13	33.60	8.00	8.16	18.1	2.493	98.1
903	5/20/2013 0:00:50	15.79	51.10	33.58	7.85	8.18	18.8	2.406	97.2
904	5/20/2013 0:15:50	15.91	51.03	33.54	7.83	8.20	21.0	2.316	97.1
905	5/20/2013 0:30:50	15.75	51.06	33.56	7.84	8.20	16.7	2.228	96.9
906	5/20/2013 0:45:50	15.94	51.13	33.61	7.69	8.20	24.6	2.157	95.5
907	5/20/2013 1:00:50	16.03	51.22	33.68	7.59	8.20	16.7	2.085	94.4
908	5/20/2013 1:15:50	16.35	51.19	33.66	7.45	8.22	19.1	2.006	93.3
909	5/20/2013 1:30:50	16.42	51.23	33.69	7.39	8.23	17.7	1.937	92.7
910	5/20/2013 1:45:50	16.77	51.15	33.64	7.25	8.25	16.2	1.893	91.5
911	5/20/2013 2:00:50	16.86	51.00	33.53	7.22	8.26	17.2	1.846	91.2
912	5/20/2013 2:15:50	16.96	51.06	33.57	7.19	8.27	15.2	1.827	91.1
913	5/20/2013 2:30:50	17.03	51.19	33.67	7.13	8.27	13.6	1.811	90.4
914	5/20/2013 2:45:50	16.96	51.20	33.68	6.97	8.27	13.3	1.807	88.3
915	5/20/2013 3:00:50	17.01	51.24	33.70	7.18	8.28	14.7	1.838	91.0
916	5/20/2013 3:15:50	16.97	51.20	33.68	7.15	8.27	14.1	1.855	90.5
917	5/20/2013 3:30:50	16.97	51.16	33.65	7.13	8.28	14.3	1.894	90.3
918	5/20/2013 3:45:50	16.94	51.19	33.67	7.12	8.27	14.4	1.927	90.1
919	5/20/2013 4:00:50	16.90	51.15	33.64	7.10	8.27	13.8	1.994	89.8
920	5/20/2013 4:15:50	16.86	51.08	33.59	7.08	8.26	14.7	2.039	89.5
921	5/20/2013 4:30:50	16.88	51.01	33.54	7.07	8.29	16.7	2.090	89.3
922	5/20/2013 4:45:50	16.89	50.93	33.48	7.05	8.30	17.7	2.159	89.0
923	5/20/2013 5:00:50	16.79	50.94	33.49	7.05	8.27	16.0	2.195	88.9
924	5/20/2013 5:15:50	16.71	51.10	33.60	7.06	8.26	14.0	2.263	89.0
925	5/20/2013 5:30:50	16.66	51.02	33.54	7.03	8.25	14.1	2.315	88.5
926	5/20/2013 5:45:50	16.52	51.01	33.54	7.04	8.23	13.7	2.369	88.4
927	5/20/2013 6:00:50	16.15	51.08	33.58	7.27	8.19	12.6	2.425	90.6
928	5/20/2013 6:15:50	15.83	51.04	33.54	7.49	8.17	13.3	2.480	92.8
929	5/20/2013 6:30:50	15.70	51.13	33.61	7.56	8.16	12.4	2.541	93.4
930	5/20/2013 6:45:50	15.64	51.08	33.56	7.55	8.15	12.1	2.593	93.2
931	5/20/2013 7:00:50	15.52	50.99	33.50	7.63	8.15	11.6	2.642	93.9
932	5/20/2013 7:15:50	15.47	51.08	33.56	7.66	8.15	11.3	2.689	94.2
933	5/20/2013 7:30:50	15.45	51.13	33.60	7.68	8.15	10.1	2.730	94.4
934	5/20/2013 7:45:50	15.41	51.06	33.55	7.72	8.15	11.4	2.774	94.8
935	5/20/2013 8:00:50	15.28	51.07	33.55	7.81	8.14	10.5	2.803	95.7
936	5/20/2013 8:15:50	15.22	51.09	33.57	7.84	8.14	9.1	2.835	95.9
937	5/20/2013 8:30:50	15.22	51.06	33.54	7.77	8.14	9.6	2.840	95.1
938	5/20/2013 8:45:50	15.55	51.02	33.52	7.39	8.15	9.5	2.853	91.0
939	5/20/2013 9:00:50	15.32	51.08	33.56	7.37	8.13	9.8	2.862	90.3
940	5/20/2013 9:15:51	15.42	51.05	33.54	7.38	8.13	9.8	2.839	90.7
941	5/20/2013 9:30:50	15.26	51.06	33.54	7.59	8.13	9.5	2.826	92.9
942	5/20/2013 9:45:50	15.31	51.05	33.54	7.48	8.13	10.6	2.785	91.6
943	5/20/2013 10:00:50	15.47	51.10	33.58	7.47	8.14	13.1	2.733	91.9
944	5/20/2013 10:15:50	15.70	50.94	33.47	7.36	8.16	13.7	2.686	90.9
945	5/20/2013 10:30:50	15.66	51.03	33.53	7.50	8.15	16.1	2.616	92.6
946	5/20/2013 10:45:50	15.70	51.13	33.60	7.51	8.15	18.0	2.545	92.9
947	5/20/2013 11:00:51	15.82	51.10	33.59	7.39	8.16	15.9	2.478	91.6
948	5/20/2013 11:15:51	16.04	51.13	33.61	7.30	8.17	16.3	2.400	90.8
949	5/20/2013 11:30:50	16.19	51.06	33.56	7.22	8.17	16.2	2.325	90.0
950	5/20/2013 11:45:50	16.28	51.02	33.54	7.20	8.18	15.3	2.255	89.9
951	5/20/2013 12:00:50	16.42	51.03	33.54	7.36	8.18		2.176	92.2
952	5/20/2013 12:15:50	16.49	51.06	33.57	7.23	8.19	15.3	2.102	90.8
953	5/20/2013 12:30:50	16.53	51.06	33.57	7.13	8.19	14.5	2.030	89.5

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
954	5/20/2013 12:45:50	16.58	51.06	33.57	7.13	8.18	14.2	1.975	89.6
955	5/20/2013 13:00:50	16.63	51.08	33.58	7.14	8.19	13.7	1.910	89.8
956	5/20/2013 13:15:50	16.68	51.07	33.58	7.21	8.19	13.1	1.861	90.8
957	5/20/2013 13:30:50	16.81	51.11	33.61	7.20	8.21	12.2	1.828	90.9
958	5/20/2013 13:45:50	17.15	51.04	33.56	7.37	8.21	12.0	1.808	93.6
959	5/20/2013 14:00:50	16.98	51.10	33.60	7.33	8.21	13.5	1.786	92.8
960	5/20/2013 14:15:50	16.95	51.06	33.58	7.63	8.20	11.2	1.783	96.6
961	5/20/2013 14:30:50	16.81	51.04	33.56	7.30	8.21	11.7	1.804	92.1
962	5/20/2013 14:45:50	16.85	51.02	33.55	7.33	8.21	11.2	1.816	92.6
963	5/20/2013 15:00:50	16.81	51.08	33.59	7.29	8.21	12.4	1.843	92.0
964	5/20/2013 15:15:50	16.83	51.11	33.61	7.24	8.22	11.9	1.878	91.4
965	5/20/2013 15:30:50	16.88	50.96	33.50	7.28	8.22	12.6	1.926	92.0
966	5/20/2013 15:45:50	16.84	51.07	33.58	7.25	8.22	12.1	1.979	91.6
967	5/20/2013 16:00:50	16.80	51.11	33.61	7.12	8.22	12.6	2.030	89.9
968	5/20/2013 16:15:50	16.92	51.02	33.55	7.27	8.22	12.2	2.103	91.9
969	5/20/2013 16:30:50	16.83	50.94	33.48	7.16	8.21	12.6	2.165	90.4
970	5/20/2013 16:45:50	16.71	50.94	33.48	7.13	8.20	15.5	2.240	89.8
971	5/20/2013 17:00:50	16.59	51.01	33.53	7.04	8.19	15.1	2.306	88.5
972	5/20/2013 17:15:50	16.34	50.89	33.44	7.15	8.18	15.3	2.383	89.4
973	5/20/2013 17:30:50	16.19	51.02	33.53	7.26	8.17	17.8	2.453	90.6
974	5/20/2013 17:45:50	16.06	50.91	33.45	7.40	8.16	16.8	2.530	92.1
975	5/20/2013 18:00:50	15.93	51.03	33.53	7.58	8.15	17.1	2.606	94.0
976	5/20/2013 18:15:50	15.85	51.01	33.52	7.68	8.15	16.2	2.673	95.1
977	5/20/2013 18:30:50	15.69	50.99	33.50	7.69	8.14	15.3	2.751	94.9
978	5/20/2013 18:45:50	15.44	51.05	33.54	7.76	8.13	17.3	2.825	95.4
979	5/20/2013 19:00:50	15.35	50.95	33.47	7.85	8.13	18.1	2.894	96.2
980	5/20/2013 19:15:50	15.24	50.97	33.48	8.11	8.14	18.7	2.981	99.3
981	5/20/2013 19:30:50	15.12	51.04	33.52	8.37	8.15	20.3	3.057	102.2
982	5/20/2013 19:45:50	14.82	51.01	33.50	8.81	8.16	18.0	3.122	106.9
983	5/20/2013 20:00:50	14.60	50.98	33.47	9.08	8.16	17.8	3.201	109.6
984	5/20/2013 20:15:50	14.20	51.03	33.50	9.21	8.16	15.1	3.269	110.4
985	5/20/2013 20:30:50	13.95	51.01	33.47	9.20	8.15	14.2	3.319	109.7
986	5/20/2013 20:45:50	13.58	51.18	33.59	9.25	8.13	10.3	3.370	109.5
987	5/20/2013 21:00:50	13.41	50.90	33.37	9.29	8.13	8.4	3.401	109.5
988	5/20/2013 21:15:50	13.57	50.94	33.40	9.08	8.13	9.3	3.411	107.4
989	5/20/2013 21:30:50	13.51	51.28	33.65	8.88	8.11	8.6	3.417	105.1
990	5/20/2013 21:45:50	13.35	51.08	33.50	9.05	8.11	9.5	3.388	106.6
991	5/20/2013 22:00:50	13.88	51.11	33.54	8.81	8.13	11.5	3.348	105.0
992	5/20/2013 22:15:50	13.85	51.04	33.49	8.86	8.13	11.5	3.292	105.4
993	5/20/2013 22:30:50	14.16	51.11	33.55	8.79	8.15	16.4	3.204	105.2
994	5/20/2013 22:45:50	13.80	51.12	33.54	8.88	8.14	16.7	3.121	105.6
995	5/20/2013 23:00:50	15.04	51.00	33.50	8.37	8.17	22.3	3.034	102.0
996	5/20/2013 23:15:50	15.44	51.05	33.54	8.31	8.18	21.7	2.932	102.1
997	5/20/2013 23:30:50	15.50	51.12	33.59	8.22	8.17	25.5	2.829	101.2
998	5/20/2013 23:45:50	15.80	51.06	33.55	7.93	8.17	23.1	2.738	98.1
999	5/21/2013 0:00:50	16.06	51.11	33.60	7.62	8.17	24.1	2.635	94.8
1000	5/21/2013 0:15:50	16.01	50.98	33.50	7.44	8.16	23.6	2.542	92.5
1001	5/21/2013 0:30:50	15.42	51.12	33.59	7.75	8.14	17.1	2.438	95.2
1002	5/21/2013 0:45:50	15.85	51.01	33.52	7.66	8.17	16.9	2.333	94.9
1003	5/21/2013 1:00:50	15.50	51.14	33.61	7.79	8.17	16.3	2.230	95.9
1004	5/21/2013 1:15:50	15.34	51.08	33.56	7.83	8.17	14.4	2.134	96.0
1005	5/21/2013 1:30:50	15.62	51.13	33.60	7.75	8.18	15.0	2.026	95.6
1006	5/21/2013 1:45:50	15.74	51.25	33.69	7.69	8.19	15.1	1.929	95.2

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1007	5/21/2013 2:00:50	16.24	51.17	33.65	7.65	8.23	14.4	1.836	95.5
1008	5/21/2013 2:15:50	16.08	51.03	33.54	7.56	8.21	14.2	1.757	94.0
1009	5/21/2013 2:30:50	16.38	51.10	33.60	7.51	8.23	13.8	1.691	94.0
1010	5/21/2013 2:45:50	16.54	51.17	33.65	7.48	8.24	12.3	1.632	94.0
1011	5/21/2013 3:00:50	16.81	51.15	33.64	7.51	8.26	12.8	1.585	94.8
1012	5/21/2013 3:15:50	16.84	51.14	33.63	7.48	8.26	12.2	1.575	94.5
1013	5/21/2013 3:30:50	16.92	51.18	33.66	7.53	8.27	10.1	1.567	95.3
1014	5/21/2013 3:45:50	16.92	51.14	33.64	7.51	8.28	10.6	1.569	95.1
1015	5/21/2013 4:00:50	17.06	51.24	33.71	7.72	8.31	10.6	1.606	98.1
1016	5/21/2013 4:15:50	17.00	51.22	33.69	7.73	8.30	10.7	1.653	98.0
1017	5/21/2013 4:30:50	17.03	51.23	33.70	7.79	8.31	10.9	1.710	98.8
1018	5/21/2013 4:45:50	16.99	51.21	33.69	7.77	8.31	11.6	1.760	98.5
1019	5/21/2013 5:00:50	16.95	51.12	33.62	7.70	8.30	12.3	1.830	97.5
1020	5/21/2013 5:15:50	16.96	51.16	33.64	7.50	8.29	13.4	1.899	95.0
1021	5/21/2013 5:30:50	17.00	51.13	33.63	7.30	8.29	15.3	1.965	92.5
1022	5/21/2013 5:45:50	16.90	51.13	33.62	7.31	8.28	15.0	2.027	92.5
1023	5/21/2013 6:00:50	16.79	51.19	33.67	7.32	8.27	13.6	2.098	92.4
1024	5/21/2013 6:15:51	16.70	51.17	33.65	7.31	8.26	12.4	2.163	92.1
1025	5/21/2013 6:30:50	16.58	51.18	33.66	7.27	8.24	12.6	2.233	91.5
1026	5/21/2013 6:45:50	16.27	51.14	33.62	7.23	8.20	13.5	2.294	90.4
1027	5/21/2013 7:00:50	15.90	50.99	33.51	7.29	8.16	12.7	2.366	90.4
1028	5/21/2013 7:15:50	15.72	51.05	33.55	7.31	8.14	12.2	2.433	90.3
1029	5/21/2013 7:30:50	15.62	51.11	33.59	7.34	8.14	13.3	2.500	90.5
1030	5/21/2013 7:45:50	15.58	50.98	33.49	7.31	8.13	13.1	2.569	90.1
1031	5/21/2013 8:00:50	15.47	51.08	33.56	7.35	8.13	12.0	2.620	90.3
1032	5/21/2013 8:15:50	15.33	51.09	33.57	7.43	8.13	13.8	2.687	91.1
1033	5/21/2013 8:30:50	15.20	51.01	33.50	7.56	8.13	11.6	2.744	92.4
1034	5/21/2013 8:45:50	15.05	51.10	33.57	7.64	8.12	11.8	2.792	93.1
1035	5/21/2013 9:00:50	14.94	50.99	33.48	7.70	8.12	12.0	2.842	93.6
1036	5/21/2013 9:15:50	14.80	51.11	33.57	7.73	8.12	11.0	2.881	93.8
1037	5/21/2013 9:30:50	14.63	50.93	33.43	7.85	8.12	9.9	2.931	94.9
1038	5/21/2013 9:45:50	14.54	50.92	33.43	7.85	8.11	8.8	2.942	94.7
1039	5/21/2013 10:00:50	14.74	51.10	33.56	7.64	8.11	8.9	2.956	92.5
1040	5/21/2013 10:15:50	14.55	50.94	33.44	7.54	8.10	7.6	2.971	90.9
1041	5/21/2013 10:30:50	14.55	50.92	33.42	7.64	8.10	8.3	2.954	92.2
1042	5/21/2013 10:45:50	14.46	51.10	33.55	7.71	8.10	9.3	2.906	92.9
1043	5/21/2013 11:00:50	14.62	51.09	33.55	7.71	8.11	11.6	2.857	93.2
1044	5/21/2013 11:15:50	14.89	51.10	33.57	7.88	8.15	11.2	2.813	95.8
1045	5/21/2013 11:30:50	15.08	51.04	33.52	7.84	8.14	15.1	2.749	95.7
1046	5/21/2013 11:45:50	15.16	51.03	33.52	7.83	8.14	19.2	2.664	95.7
1047	5/21/2013 12:00:50	15.29	51.06	33.55	7.83	8.14	20.7	2.569	95.9
1048	5/21/2013 12:15:50	15.44	51.07	33.55	7.76	8.15	20.6	2.509	95.4
1049	5/21/2013 12:30:50	15.60	51.13	33.60	7.61	8.15	20.8	2.436	93.9
1050	5/21/2013 12:45:50	15.69	51.00	33.51	7.56	8.15	22.8	2.359	93.3
1051	5/21/2013 13:00:50	15.83	51.12	33.60	7.43	8.14	24.2	2.278	92.1
1052	5/21/2013 13:15:50	15.96	51.07	33.56	7.35	8.15	24.4	2.224	91.2
1053	5/21/2013 13:30:50	16.06	50.94	33.48	7.34	8.16		2.127	91.3
1054	5/21/2013 13:45:50	16.14	51.09	33.58	7.33	8.16		2.061	91.3
1055	5/21/2013 14:00:50	16.22	51.06	33.56	7.30	8.17		1.998	91.1
1056	5/21/2013 14:15:50	16.23	50.95	33.48	7.21	8.16		1.970	89.9
1057	5/21/2013 14:30:50	16.25	51.08	33.58	7.21	8.17		1.898	90.1
1058	5/21/2013 14:45:50	16.29	51.11	33.60	7.24	8.17		1.867	90.5
1059	5/21/2013 15:00:50	16.31	51.08	33.58	6.95	8.16		1.832	86.9

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1060	5/21/2013 15:15:50	16.33	51.06	33.56	7.26	8.18	15.2	1.852	90.8
1061	5/21/2013 15:30:50	16.32	51.04	33.55	7.38	8.18	16.6	1.858	92.2
1062	5/21/2013 15:45:50	16.25	51.00	33.52	7.49	8.17	14.8	1.854	93.4
1063	5/21/2013 16:00:50	16.27	50.98	33.51	7.46	8.18	16.2	1.902	93.1
1064	5/21/2013 16:15:50	16.32	51.03	33.55	7.59	8.19	15.9	1.972	94.9
1065	5/21/2013 16:30:50	16.41	51.03	33.55	7.57	8.21	15.3	2.020	94.8
1066	5/21/2013 16:45:50	16.42	51.06	33.57	7.58	8.21	14.8	2.085	94.9
1067	5/21/2013 17:00:50	16.32	51.03	33.55	7.47	8.20	16.5	2.166	93.4
1068	5/21/2013 17:15:50	16.26	50.99	33.52	7.44	8.19	17.2	2.235	92.9
1069	5/21/2013 17:30:50	16.24	50.86	33.42	7.54	8.19	17.0	2.315	94.1
1070	5/21/2013 17:45:50	16.02	51.02	33.53	7.64	8.17	16.7	2.384	94.9
1071	5/21/2013 18:00:50	15.88	50.93	33.46	7.65	8.16	16.7	2.472	94.8
1072	5/21/2013 18:15:50	15.79	51.05	33.55	7.59	8.15	16.4	2.551	93.9
1073	5/21/2013 18:30:50	15.64	51.01	33.51	7.50	8.14	21.8	2.626	92.5
1074	5/21/2013 18:45:50	15.40	50.96	33.47	7.57	8.13	20.5	2.696	92.9
1075	5/21/2013 19:00:50	15.21	50.98	33.48	7.59	8.12	23.5	2.785	92.8
1076	5/21/2013 19:15:50	15.08	50.93	33.44	7.62	8.12	23.5	2.865	92.9
1077	5/21/2013 19:30:50	14.79	50.99	33.48	7.76	8.11	22.2	2.952	94.1
1078	5/21/2013 19:45:50	14.56	50.97	33.46	7.94	8.11	25.5	3.035	95.8
1079	5/21/2013 20:00:50	14.25	50.94	33.43	8.11	8.10	21.6	3.109	97.2
1080	5/21/2013 20:15:50	13.98	51.08	33.52	8.24	8.10	19.4	3.190	98.3
1081	5/21/2013 20:30:50	13.63	51.02	33.47	8.37	8.09	19.6	3.263	99.1
1082	5/21/2013 20:45:50	13.35	51.05	33.48	8.43	8.08	15.7	3.355	99.2
1083	5/21/2013 21:00:50	12.87	51.12	33.51	8.45	8.05	16.9	3.405	98.5
1084	5/21/2013 21:15:50	12.55	51.10	33.48	8.48	8.03	12.2	3.478	98.2
1085	5/21/2013 21:30:50	12.33	51.19	33.54	8.47	8.02	9.4	3.517	97.7
1086	5/21/2013 21:45:50	12.15	51.30	33.61	8.44	8.01	7.3	3.541	97.0
1087	5/21/2013 22:00:51	12.33	51.12	33.49	8.20	8.02	7.7	3.552	94.5
1088	5/21/2013 22:15:50	12.38	51.23	33.57	8.18	8.01	10.3	3.519	94.5
1089	5/21/2013 22:30:50	12.44	51.21	33.56	8.19	8.01	11.2	3.494	94.8
1090	5/21/2013 22:45:50	12.73	51.10	33.49	8.22	8.05	23.2	3.449	95.5
1091	5/21/2013 23:00:50	12.48	51.17	33.53	8.26	8.03	18.1	3.356	95.6
1092	5/21/2013 23:15:51	12.41	51.34	33.65	8.29	8.03	19.4	3.271	95.9
1093	5/21/2013 23:30:51	12.61	51.26	33.61	8.25	8.04	17.1	3.168	95.7
1094	5/21/2013 23:45:50	13.45	51.16	33.56	8.04	8.08	21.2	3.077	94.9
1095	5/22/2013 0:00:50	13.90	51.09	33.53	7.84	8.10	21.6	2.968	93.4
1096	5/22/2013 0:15:50	14.62	51.05	33.52	7.64	8.13	25.9	2.853	92.3
1097	5/22/2013 0:30:50	14.93	51.20	33.64	7.53	8.14	29.4	2.751	91.7
1098	5/22/2013 0:45:50	15.03	51.17	33.62	7.52	8.15	29.1	2.647	91.7
1099	5/22/2013 1:00:50	14.80	51.14	33.59	7.59	8.14	24.5	2.527	92.1
1100	5/22/2013 1:15:50	14.37	51.17	33.60	7.66	8.12	23.1	2.402	92.2
1101	5/22/2013 1:30:50	14.26	51.16	33.59	7.65	8.12	20.3	2.296	91.9
1102	5/22/2013 1:45:50	13.97	51.20	33.61	7.67	8.11	18.0	2.160	91.5
1103	5/22/2013 2:00:50	14.50	51.11	33.56	7.51	8.13	19.6	2.034	90.6
1104	5/22/2013 2:15:50	14.38	51.02	33.49	7.46	8.12	20.2	1.904	89.7
1105	5/22/2013 2:30:50	14.56	51.15	33.60	7.39	8.13	19.3	1.786	89.2
1106	5/22/2013 2:45:50	14.76	51.22	33.65	7.32	8.14	19.7	1.664	88.8
1107	5/22/2013 3:00:50	15.00	51.20	33.64	7.29	8.16	19.7	1.557	88.9
1108	5/22/2013 3:15:50	15.09	51.21	33.65	7.22	8.16	17.8	1.450	88.1
1109	5/22/2013 3:30:50	15.28	51.18	33.63	7.20	8.18	17.4	1.384	88.2
1110	5/22/2013 3:45:50	15.39	51.17	33.63	7.19	8.19	16.7	1.335	88.3
1111	5/22/2013 4:00:50	15.34	51.22	33.67	7.17	8.19	15.3	1.291	88.0
1112	5/22/2013 4:15:50	15.26	51.24	33.67	7.12	8.18	15.1	1.291	87.2

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1113	5/22/2013 4:30:50	15.29	51.16	33.62	7.19	8.18	14.5	1.309	88.1
1114	5/22/2013 4:45:50	15.45	51.27	33.70	7.23	8.21	14.2	1.331	88.9
1115	5/22/2013 5:00:50	15.33	51.18	33.63	7.19	8.19	20.0	1.385	88.2
1116	5/22/2013 5:15:50	15.38	51.13	33.60	7.26	8.20	18.8	1.445	89.1
1117	5/22/2013 5:30:50	15.38	51.10	33.58	7.23	8.20	15.1	1.514	88.8
1118	5/22/2013 5:45:50	15.35	51.15	33.61	7.24	8.20	15.8	1.572	88.9
1119	5/22/2013 6:00:51	15.24	51.12	33.59	7.27	8.22	20.1	1.647	89.0
1120	5/22/2013 6:15:50	15.15	50.87	33.40	7.28	8.23	21.1	1.717	88.9
1121	5/22/2013 6:30:50	15.14	50.90	33.42	7.22	8.22	23.5	1.797	88.1
1122	5/22/2013 6:45:50	15.18	50.89	33.42	7.26	8.22	17.5	1.865	88.7
1123	5/22/2013 7:00:50	15.09	50.80	33.35	7.27	8.20	14.7	1.938	88.7
1124	5/22/2013 7:15:50	15.06	51.01	33.50	7.23	8.18	15.3	2.049	88.1
1125	5/22/2013 7:30:50	15.12	51.01	33.50	7.25	8.20	17.3	2.128	88.5
1126	5/22/2013 7:45:50	15.13	51.03	33.52	7.25	8.19	17.6	2.207	88.6
1127	5/22/2013 8:00:50	14.99	51.02	33.51	7.21	8.17	19.4	2.296	87.8
1128	5/22/2013 8:15:50	14.91	51.06	33.54	7.21	8.15	19.7	2.388	87.6
1129	5/22/2013 8:30:50	14.82	51.13	33.58	7.20	8.13	19.5	2.460	87.3
1130	5/22/2013 8:45:50	14.72	51.10	33.56	7.23	8.12	16.9	2.544	87.6
1131	5/22/2013 9:00:50	14.59	50.97	33.46	7.28	8.11	17.8	2.612	87.9
1132	5/22/2013 9:15:50	14.48	50.98	33.47	7.32	8.11	18.5	2.686	88.2
1133	5/22/2013 9:30:50	14.40	50.98	33.46	7.38	8.10	39.4	2.747	88.8
1134	5/22/2013 9:45:50	14.26	51.07	33.53	7.44	8.10	21.9	2.807	89.2
1135	5/22/2013 10:00:50	14.07	51.00	33.47	7.53	8.09	18.0	2.865	90.0
1136	5/22/2013 10:15:50	13.90	51.09	33.53	7.61	8.08	13.6	2.896	90.7
1137	5/22/2013 10:30:50	13.74	51.04	33.49	7.66	8.07	10.9	2.948	91.0
1138	5/22/2013 10:45:51	13.63	51.14	33.55	7.67	8.07	10.3	2.977	90.8
1139	5/22/2013 11:00:50	13.47	51.12	33.53	7.66	8.05	6.5	2.981	90.5
1140	5/22/2013 11:15:50	13.56	51.12	33.54	7.43	8.05	13.7	2.981	87.9
1141	5/22/2013 11:30:50	13.71	51.15	33.56	7.46	8.06	9.7	2.977	88.6
1142	5/22/2013 11:45:51	13.58	51.17	33.57	7.52	8.05	10.8	2.927	89.1
1143	5/22/2013 12:00:50	13.80	51.05	33.49	7.51	8.07	12.5	2.859	89.3
1144	5/22/2013 12:15:50	14.24	51.01	33.48	7.54	8.09	15.2	2.797	90.5
1145	5/22/2013 12:30:50	14.46	51.03	33.50	7.62	8.10	17.3	2.723	91.8
1146	5/22/2013 12:45:50	14.84	51.09	33.56	7.73	8.12	17.3	2.646	93.8
1147	5/22/2013 13:00:50	14.94	51.07	33.54	7.75	8.13	17.9	2.560	94.3
1148	5/22/2013 13:15:50	15.15	51.09	33.57	7.76	8.14	19.1	2.470	94.9
1149	5/22/2013 13:30:50	15.36	51.04	33.53	7.81	8.16	20.2	2.406	95.8
1150	5/22/2013 13:45:50	15.50	51.13	33.60	7.86	8.17	20.6	2.320	96.7
1151	5/22/2013 14:00:50	15.66	50.95	33.48	7.98	8.18	19.5	2.243	98.5
1152	5/22/2013 14:15:50	15.74	51.13	33.61	8.04	8.18	15.7	2.172	99.4
1153	5/22/2013 14:30:50	15.79	51.09	33.58	8.04	8.19	14.6	2.092	99.5
1154	5/22/2013 14:45:50	15.84	51.03	33.53	8.04	8.19	15.8	2.028	99.6
1155	5/22/2013 15:00:50	15.87	51.14	33.62	8.02	8.19	13.4	1.981	99.5
1156	5/22/2013 15:15:50	15.91	51.09	33.58	8.01	8.20	13.7	1.935	99.4
1157	5/22/2013 15:30:50	15.94	51.03	33.54	8.01	8.20	13.1	1.900	99.4
1158	5/22/2013 15:45:50	16.13	50.97	33.50	8.05	8.20	11.1	1.876	100.2
1159	5/22/2013 16:00:50	16.07	50.91	33.45	8.22	8.20	11.4	1.869	102.2
1160	5/22/2013 16:15:50	16.02	51.10	33.59	8.19	8.20	12.0	1.880	101.9
1161	5/22/2013 16:30:50	16.08	51.12	33.61	8.36	8.21	11.5	1.910	104.0
1162	5/22/2013 16:45:50	16.10	51.09	33.59	8.27	8.21	11.7	1.949	103.0
1163	5/22/2013 17:00:50	16.17	51.01	33.53	8.39	8.22	13.5	2.010	104.6
1164	5/22/2013 17:15:50	16.25	51.01	33.53	8.51	8.23	13.0	2.048	106.2
1165	5/22/2013 17:30:50	16.15	50.87	33.43	8.42	8.23	12.1	2.125	104.9

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1166	5/22/2013 17:45:50	16.41	50.90	33.45	8.47	8.23	15.0	2.199	106.1
1167	5/22/2013 18:00:50	16.26	50.98	33.51	8.36	8.21	16.0	2.267	104.4
1168	5/22/2013 18:15:50	15.98	50.86	33.41	8.15	8.18	16.3	2.339	101.2
1169	5/22/2013 18:30:50	15.89	50.83	33.39	8.11	8.17	15.7	2.424	100.5
1170	5/22/2013 18:45:50	15.80	50.96	33.48	8.00	8.16	15.1	2.511	98.9
1171	5/22/2013 19:00:50	15.45	51.09	33.57	7.84	8.14	18.9	2.592	96.3
1172	5/22/2013 19:15:50	15.02	50.97	33.47	7.77	8.11	18.5	2.677	94.7
1173	5/22/2013 19:30:50	14.70	51.09	33.55	7.75	8.10	17.0	2.765	93.8
1174	5/22/2013 19:45:50	14.55	51.10	33.55	7.72	8.09	18.2	2.848	93.2
1175	5/22/2013 20:00:50	14.33	51.10	33.55	7.87	8.08	22.0	2.939	94.6
1176	5/22/2013 20:15:50	13.97	50.98	33.45	8.03	8.07	22.7	3.026	95.8
1177	5/22/2013 20:30:50	13.46	51.12	33.53	8.32	8.05	22.1	3.134	98.2
1178	5/22/2013 20:45:51	13.19	51.22	33.60	8.37	8.04	23.0	3.222	98.3
1179	5/22/2013 21:00:51	12.63	51.25	33.60	8.48	8.01	23.2	3.306	98.5
1180	5/22/2013 21:15:51	12.14	51.27	33.59	8.50	7.98	25.6	3.397	97.7
1181	5/22/2013 21:30:50	11.70	51.29	33.58	8.55	7.96	18.3	3.477	97.4
1182	5/22/2013 21:45:50	11.49	51.27	33.55	8.53	7.94	14.5	3.543	96.7
1183	5/22/2013 22:00:50	11.30	51.41	33.64	8.53	7.93	11.3	3.601	96.3
1184	5/22/2013 22:15:51	11.17	51.34	33.59	8.51	7.93	8.0	3.642	95.9
1185	5/22/2013 22:30:51	11.19	51.45	33.67	8.44	7.92	7.0	3.669	95.1
1186	5/22/2013 22:45:51	11.90	51.23	33.55	8.18	7.95	8.2	3.665	93.5
1187	5/22/2013 23:00:51	11.64	51.44	33.69	8.24	7.94	8.8	3.642	93.8
1188	5/22/2013 23:15:50	11.76	51.25	33.56	8.31	7.96	13.3	3.605	94.8
1189	5/22/2013 23:30:50	11.63	51.22	33.53	8.33	7.95	11.8	3.527	94.7
1190	5/22/2013 23:45:50	11.57	51.42	33.67	8.36	7.95	17.7	3.447	95.0
1191	5/23/2013 0:00:51	11.28	51.50	33.71	8.38	7.93	15.6	3.346	94.7
1192	5/23/2013 0:15:51	13.35	51.28	33.65	8.09	8.06	16.2	3.243	95.4
1193	5/23/2013 0:30:51	13.57	51.30	33.67	8.21	8.08	20.6	3.123	97.2
1194	5/23/2013 0:45:51	13.75	51.26	33.65	8.21	8.09	19.5	3.009	97.6
1195	5/23/2013 1:00:50	14.05	51.16	33.59	8.16	8.10	19.5	2.906	97.5
1196	5/23/2013 1:15:50	14.43	51.18	33.61	8.01	8.12	23.6	2.799	96.5
1197	5/23/2013 1:30:51	14.45	51.20	33.63	7.88	8.11	25.0	2.667	95.0
1198	5/23/2013 1:45:50	13.41	51.29	33.66	8.02	8.06	17.6	2.541	94.7
1199	5/23/2013 2:00:51	14.13	51.28	33.67	7.96	8.11	18.6	2.424	95.3
1200	5/23/2013 2:15:50	13.70	51.25	33.64	8.04	8.09	18.1	2.260	95.5
1201	5/23/2013 2:30:50	14.06	51.12	33.56	7.83	8.11	16.8	2.124	93.6
1202	5/23/2013 2:45:50	14.22	51.30	33.69	7.92	8.13	19.2	1.977	95.0
1203	5/23/2013 3:00:51	14.39	51.26	33.67	7.94	8.13	20.6	1.827	95.6
1204	5/23/2013 3:15:50	14.52	51.30	33.70	7.84	8.14	21.5	1.697	94.7
1205	5/23/2013 3:30:50	14.82	51.26	33.68	7.82	8.16	22.5	1.545	95.1
1206	5/23/2013 3:45:50	15.14	51.16	33.62	7.86	8.18	21.4	1.404	96.1
1207	5/23/2013 4:00:50	15.24	51.11	33.58	7.86	8.19	17.5	1.301	96.2
1208	5/23/2013 4:15:50	15.24	51.22	33.66	7.81	8.19	15.1	1.197	95.6
1209	5/23/2013 4:30:50	15.38	51.28	33.71	7.87	8.21	29.9	1.090	96.6
1210	5/23/2013 4:45:50	15.49	51.18	33.64	7.96	8.23	18.1	1.045	98.0
1211	5/23/2013 5:00:50	15.45	51.29	33.72	7.94	8.23	16.6	1.009	97.7
1212	5/23/2013 5:15:50	15.43	51.18	33.64	7.97	8.23	15.5	1.026	98.0
1213	5/23/2013 5:30:50	15.46	51.28	33.71	7.95	8.23	11.8	1.071	97.9
1214	5/23/2013 5:45:50	15.56	51.19	33.65	8.10	8.26	12.5	1.154	99.8
1215	5/23/2013 6:00:50	15.64	51.25	33.69	8.27	8.28	14.1	1.220	102.2
1216	5/23/2013 6:15:50	15.63	51.28	33.71	8.33	8.29	12.6	1.296	102.9
1217	5/23/2013 6:30:50	15.58	51.06	33.55	8.23	8.28	13.4	1.356	101.4
1218	5/23/2013 6:45:50	15.70	50.92	33.45	7.87	8.26	19.6	1.450	97.1

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1219	5/23/2013 7:00:50	15.67	50.81	33.37	7.86	8.26	17.4	1.530	97.0
1220	5/23/2013 7:15:50	15.67	50.94	33.47	7.80	8.25	17.5	1.599	96.2
1221	5/23/2013 7:30:50	15.57	50.92	33.45	7.93	8.25	15.7	1.707	97.7
1222	5/23/2013 7:45:50	15.50	51.08	33.57	7.94	8.25	14.3	1.798	97.6
1223	5/23/2013 8:00:50	15.45	51.08	33.56	7.94	8.24	16.3	1.900	97.6
1224	5/23/2013 8:15:50	15.35	51.17	33.63	7.95	8.23	15.6	1.996	97.6
1225	5/23/2013 8:30:50	15.11	51.05	33.54	7.77	8.18	17.3	2.098	94.9
	Mean	15.08	51.07	33.54	8.74	8.18	11.94	2.46	106.52
	Minimum	10.58	50.47	33.14	6.95	7.92	2.50	1.01	86.90
	Maximum	17.94	51.74	33.85	11.72	8.34	161.40	3.67	144.90

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

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	5/24/2013 13:30:50	12.82	50.92	33.36	8.49	8.05	15.5	2.753	98.8
1	5/24/2013 13:45:50	12.95	50.94	33.38	8.50	8.05	12.3	2.703	99.3
2	5/24/2013 14:00:50	13.47	50.82	33.31	8.79	8.08	27.6	2.700	103.6
3	5/24/2013 14:15:49	13.69	50.79	33.30	8.97	8.09	22.5	2.625	106.3
4	5/24/2013 14:30:50	13.78	50.86	33.35	9.01	8.09	22.7	2.536	107.0
5	5/24/2013 14:45:50	13.84	50.84	33.35	8.99	8.10	21.3	2.425	106.9
6	5/24/2013 15:00:50	14.23	50.84	33.36	9.07	8.12	22.2	2.348	108.6
7	5/24/2013 15:15:50	14.49	50.77	33.31	9.04	8.14	20.8	2.264	108.9
8	5/24/2013 15:30:50	14.92	50.65	33.24	9.00	8.17	22.5	2.165	109.2
9	5/24/2013 15:45:49	15.26	50.81	33.36	9.17	8.19	22.2	2.131	112.2
10	5/24/2013 16:00:49	15.47	50.86	33.40	9.20	8.20	23.0	2.067	113.0
11	5/24/2013 16:15:49	15.72	50.82	33.38	9.23	8.21	22.8	1.987	113.9
12	5/24/2013 16:30:50	15.91	50.83	33.39	9.21	8.24	20.8	1.901	114.1
13	5/24/2013 16:45:50	16.01	50.83	33.39	9.22	8.25	17.2	1.840	114.4
14	5/24/2013 17:00:50	16.04	50.81	33.37	9.12	8.25	16.7	1.793	113.3
15	5/24/2013 17:15:49	16.23	50.81	33.38	9.18	8.27	13.3	1.764	114.4
16	5/24/2013 17:30:50	16.18	50.83	33.39	8.89	8.25	12.2	1.727	110.8
17	5/24/2013 17:45:50	16.18	50.82	33.39	8.92	8.24	13.3	1.726	111.2
18	5/24/2013 18:00:50	15.99	50.83	33.39	9.32	8.24	12.6	1.750	115.6
19	5/24/2013 18:15:50	16.37	50.84	33.41	9.39	8.30	12.7	1.769	117.4
20	5/24/2013 18:30:49	16.51	50.83	33.40	9.52	8.33	12.0	1.815	119.4
21	5/24/2013 18:45:50	16.61	50.82	33.39	9.67	8.35	13.4	1.881	121.5
22	5/24/2013 19:00:50	16.59	50.83	33.40	9.67	8.35	14.7	1.970	121.4
23	5/24/2013 19:15:50	16.50	50.82	33.39	9.48	8.33	15.3	2.043	118.9
24	5/24/2013 19:30:50	16.60	50.78	33.37	9.47	8.33	17.2	2.128	118.9
25	5/24/2013 19:45:50	16.29	50.79	33.37	9.36	8.29	18.0	2.221	116.9
26	5/24/2013 20:00:50	16.11	50.80	33.37	9.23	8.27	16.4	2.301	114.8
27	5/24/2013 20:15:50	15.57	50.81	33.37	9.04	8.22	18.7	2.397	111.2
28	5/24/2013 20:30:50	14.79	50.83	33.37	8.84	8.16	18.1	2.489	107.1
29	5/24/2013 20:45:50	14.33	50.85	33.36	8.78	8.13	16.5	2.581	105.4
30	5/24/2013 21:00:50	14.16	50.87	33.37	8.74	8.12	16.7	2.673	104.6
31	5/24/2013 21:15:49	13.96	50.86	33.36	8.78	8.11	17.4	2.769	104.6
32	5/24/2013 21:30:50	13.49	50.90	33.37	8.78	8.08	21.5	2.876	103.6
33	5/24/2013 21:45:50	12.96	50.92	33.37	8.88	8.06	26.9	2.976	103.6
34	5/24/2013 22:00:50	12.39	50.97	33.38	9.00	8.03	30.8	3.082	103.9
35	5/24/2013 22:15:50	11.93	50.98	33.37	9.03	8.01	26.3	3.188	103.2
36	5/24/2013 22:30:50	11.54	51.00	33.36	9.13	8.00	27.6	3.299	103.5
37	5/24/2013 22:45:50	11.26	51.04	33.37	9.21	7.99	16.6	3.386	103.8
38	5/24/2013 23:00:50	11.20	51.03	33.36	9.20	7.99	12.8	3.472	103.5
39	5/24/2013 23:15:50	11.13	51.03	33.36	9.20	7.99	11.2	3.549	103.3
40	5/24/2013 23:30:50	11.08	51.03	33.36	9.20	7.99	7.2	3.610	103.2
41	5/24/2013 23:45:50	11.03	51.02	33.35	9.19	7.99	6.6	3.658	103.0
42	5/25/2013 0:00:50	11.26	51.16	33.46	9.03	8.00	5.5	3.670	101.8
43	5/25/2013 0:15:50	11.59	50.87	33.27	8.82	8.00	8.0	3.674	100.0
44	5/25/2013 0:30:50	11.29	50.99	33.34	9.04	8.00	10.3	3.641	101.9
45	5/25/2013 0:45:50	11.38	51.06	33.39	9.00	8.00	10.6	3.582	101.6
46	5/25/2013 1:00:50	11.17	51.08	33.40	9.07	7.99	11.1	3.491	102.0
47	5/25/2013 1:15:50	11.29	51.09	33.42	9.10	8.01	12.4	3.450	102.7
48	5/25/2013 1:30:50	11.64	51.06	33.41	9.03	8.03	12.6	3.527	102.6
49	5/25/2013 1:45:50	12.68	51.02	33.43	8.78	8.09	21.7	3.403	102.0
50	5/25/2013 2:00:50	12.54	51.02	33.42	8.85	8.08	23.8	3.272	102.5
51	5/25/2013 2:15:50	12.67	51.02	33.43	8.78	8.08	18.7	3.136	102.0
52	5/25/2013 2:30:50	13.26	50.97	33.42	8.62	8.11	19.0	2.995	101.3

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
53	5/25/2013 2:45:50	13.82	50.97	33.44	8.48	8.14	20.8	2.848	100.8
54	5/25/2013 3:00:50	13.79	50.95	33.42	8.53	8.13	24.7	2.701	101.3
55	5/25/2013 3:15:50	12.56	51.05	33.44	8.75	8.07	23.1	2.556	101.4
56	5/25/2013 3:30:50	13.16	50.96	33.40	8.67	8.11	20.3	2.404	101.6
57	5/25/2013 3:45:50	13.48	50.97	33.43	8.56	8.14	21.9	2.219	101.1
58	5/25/2013 4:00:50	13.76	50.97	33.44	8.54	8.15	26.7	2.070	101.4
59	5/25/2013 4:15:50	13.86	50.97	33.44	8.46	8.16	28.9	1.900	100.7
60	5/25/2013 4:30:50	14.42	50.95	33.44	8.34	8.19	26.8	1.723	100.4
61	5/25/2013 4:45:50	14.70	50.95	33.45	8.33	8.21	29.6	1.546	100.7
62	5/25/2013 5:00:50	15.16	50.94	33.46	8.30	8.24	24.6	1.353	101.3
63	5/25/2013 5:15:50	15.24	50.95	33.47	8.26	8.24	24.5	1.188	101.0
64	5/25/2013 5:30:50	15.40	50.95	33.47	8.17	8.25	27.1	1.028	100.3
65	5/25/2013 5:45:50	15.51	50.97	33.48	8.11	8.27	26.4	0.890	99.8
66	5/25/2013 6:00:50	15.57	50.97	33.48	8.03	8.27	20.8	0.769	98.8
67	5/25/2013 6:15:50	15.33	50.95	33.46	7.89	8.24	19.0	0.715	96.7
68	5/25/2013 6:30:50	15.47	50.99	33.50	8.07	8.27	17.9	0.700	99.2
69	5/25/2013 6:45:50	15.56	50.98	33.50	8.08	8.28	15.3	0.732	99.5
70	5/25/2013 7:00:50	15.54	50.96	33.48	8.08	8.27	16.2	0.817	99.5
71	5/25/2013 7:15:50	15.64	50.97	33.48	8.05	8.29	18.0	0.907	99.3
72	5/25/2013 7:30:50	15.71	50.98	33.49	8.05	8.30	16.4	1.002	99.4
73	5/25/2013 7:45:49	15.68	50.97	33.49	8.10	8.29	15.0	1.105	100.0
74	5/25/2013 8:00:50	15.69	50.95	33.47	8.10	8.30	15.0	1.158	99.9
75	5/25/2013 8:15:49	15.65	50.63	33.24	7.76	8.28	19.0	1.232	95.6
76	5/25/2013 8:30:49	15.66	50.76	33.33	7.84	8.29	17.6	1.319	96.7
77	5/25/2013 8:45:50	15.65	50.81	33.37	7.85	8.28	18.0	1.398	96.7
78	5/25/2013 9:00:50	15.61	50.70	33.29	7.74	8.27	17.8	1.512	95.3
79	5/25/2013 9:15:50	15.50	50.79	33.35	7.86	8.27	18.4	1.608	96.5
80	5/25/2013 9:30:50	15.37	50.83	33.38	7.89	8.25	17.7	1.723	96.8
81	5/25/2013 9:45:50	15.31	50.86	33.40	7.93	8.25	17.8	1.850	97.1
82	5/25/2013 10:00:50	15.18	50.86	33.40	7.99	8.23	19.8	1.970	97.6
83	5/25/2013 10:15:50	14.95	50.90	33.42	8.13	8.21	18.8	2.102	98.9
84	5/25/2013 10:30:50	14.89	50.92	33.43	8.15	8.20	18.9	2.225	99.0
85	5/25/2013 10:45:50	14.80	50.92	33.43	8.17	8.18	20.0	2.340	99.0
86	5/25/2013 11:00:50	14.64	50.91	33.42	8.19	8.17	21.7	2.451	99.0
87	5/25/2013 11:15:50	14.47	50.91	33.42	8.21	8.16	23.3	2.562	98.8
88	5/25/2013 11:30:50	14.27	50.91	33.41	8.22	8.14	23.1	2.660	98.6
89	5/25/2013 11:45:50	13.87	50.89	33.38	8.35	8.12	28.3	2.754	99.3
90	5/25/2013 12:00:50	13.30	50.92	33.38	8.53	8.09	30.5	2.844	100.3
91	5/25/2013 12:15:50	12.77	50.94	33.38	8.72	8.06	26.1	2.924	101.4
92	5/25/2013 12:30:50	12.64	50.95	33.38	8.80	8.06	22.0	3.006	102.0
93	5/25/2013 12:45:50	12.47	50.96	33.38	8.79	8.05	26.6	3.079	101.6
94	5/25/2013 13:00:50	12.29	50.98	33.38	8.75	8.04	20.3	3.138	100.7
95	5/25/2013 13:15:50	11.94	51.01	33.39	8.65	8.02	16.0	3.209	98.8
96	5/25/2013 13:30:50	11.74	51.03	33.39	8.58	8.01	11.5	3.251	97.6
97	5/25/2013 13:45:50	11.56	51.03	33.39	8.53	8.00	9.0	3.263	96.7
98	5/25/2013 14:00:50	11.94	51.08	33.44	8.52	8.02	9.0	3.273	97.4
99	5/25/2013 14:15:50	12.09	51.01	33.40	8.48	8.02	13.3	3.248	97.2
100	5/25/2013 14:30:50	11.81	51.01	33.38	8.39	8.00	13.5	3.196	95.7
101	5/25/2013 14:45:50	12.20	50.98	33.38	8.49	8.03	14.4	3.129	97.6
102	5/25/2013 15:00:50	12.97	50.94	33.39	8.91	8.08	21.7	3.042	104.1
103	5/25/2013 15:15:50	13.61	50.89	33.37	9.29	8.11	15.3	2.949	109.9
104	5/25/2013 15:30:50	14.15	50.90	33.40	9.22	8.15	21.4	2.856	110.3
105	5/25/2013 15:45:49	14.46	50.90	33.41	9.29	8.18	20.3	2.752	111.8

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
106	5/25/2013 16:00:50	15.02	50.90	33.42	9.42	8.21	16.9	2.663	114.7
107	5/25/2013 16:15:50	15.15	50.86	33.39	9.44	8.21	14.7	2.579	115.2
108	5/25/2013 16:30:50	15.24	50.89	33.42	9.89	8.21	15.5	2.484	120.9
109	5/25/2013 16:45:50	15.20	50.95	33.46	9.93	8.21	15.9	2.401	121.4
110	5/25/2013 17:00:50	15.51	50.86	33.41	10.14	8.23	13.2	2.325	124.7
111	5/25/2013 17:15:50	15.76	50.89	33.43	10.24	8.25	12.7	2.239	126.5
112	5/25/2013 17:30:50	15.92	50.87	33.42	10.31	8.26	12.3	2.172	127.8
113	5/25/2013 17:45:50	16.17	50.90	33.45	10.05	8.29	11.2	2.118	125.2
114	5/25/2013 18:00:50	16.56	50.89	33.45	10.53	8.33	10.3	2.068	132.2
115	5/25/2013 18:15:50	16.63	50.90	33.45	10.62	8.33	10.0	2.040	133.6
116	5/25/2013 18:30:50	16.76	50.87	33.43	10.66	8.34	9.7	2.032	134.4
117	5/25/2013 18:45:50	16.56	50.90	33.45	10.67	8.32	9.9	2.037	133.9
118	5/25/2013 19:00:50	16.63	50.88	33.44	10.61	8.33	9.6	2.069	133.4
119	5/25/2013 19:15:50	16.44	50.89	33.44	10.29	8.31	10.9	2.103	128.9
120	5/25/2013 19:30:50	16.54	50.89	33.44	10.25	8.32	11.4	2.163	128.6
121	5/25/2013 19:45:50	16.27	50.88	33.43	9.91	8.29	12.9	2.241	123.7
122	5/25/2013 20:00:50	16.97	50.80	33.38	10.08	8.30	15.9	2.314	127.5
123	5/25/2013 20:15:50	16.27	50.85	33.41	9.78	8.27	15.6	2.402	122.1
124	5/25/2013 20:30:50	15.94	50.86	33.41	9.62	8.25	13.7	2.493	119.3
125	5/25/2013 20:45:50	15.57	50.86	33.41	9.42	8.21	15.1	2.579	116.0
126	5/25/2013 21:00:50	14.75	50.88	33.40	9.10	8.16	14.5	2.661	110.2
127	5/25/2013 21:15:50	14.34	50.90	33.40	8.89	8.13	14.0	2.762	106.7
128	5/25/2013 21:30:50	14.20	50.90	33.40	8.88	8.12	13.5	2.852	106.3
129	5/25/2013 21:45:50	14.08	50.91	33.40	8.89	8.12	14.0	2.944	106.2
130	5/25/2013 22:00:50	13.52	50.93	33.40	8.80	8.09	16.7	3.045	104.0
131	5/25/2013 22:15:50	13.07	50.95	33.40	8.68	8.06	16.9	3.147	101.6
132	5/25/2013 22:30:50	12.46	50.98	33.39	8.61	8.03	24.4	3.253	99.5
133	5/25/2013 22:45:50	11.82	51.03	33.40	8.49	7.99	21.6	3.353	96.9
134	5/25/2013 23:00:50	11.33	51.07	33.40	8.41	7.96	21.2	3.460	95.0
135	5/25/2013 23:15:50	11.15	51.09	33.40	8.34	7.95	18.1	3.566	93.7
136	5/25/2013 23:30:50	10.92	51.11	33.40	8.30	7.94	15.0	3.661	92.8
137	5/25/2013 23:45:50	10.79	51.14	33.42	8.25	7.93	12.2	3.741	92.0
138	5/26/2013 0:00:50	10.69	51.14	33.42	8.24	7.93	9.8	3.829	91.7
139	5/26/2013 0:15:50	10.69	51.14	33.41	8.21	7.93	8.3	3.896	91.4
140	5/26/2013 0:30:50	10.71	51.15	33.42	8.18	7.93	7.1	3.928	91.1
141	5/26/2013 0:45:50	10.83	51.04	33.35	8.10	7.93	6.1	3.966	90.5
142	5/26/2013 1:00:50	10.99	51.20	33.47	8.00	7.94	6.3	3.969	89.6
143	5/26/2013 1:15:50	11.23	51.07	33.40	8.13	7.95	8.7	3.945	91.5
144	5/26/2013 1:30:50	11.35	51.07	33.40	8.21	7.96	8.4	3.893	92.7
145	5/26/2013 1:45:50	11.11	51.10	33.41	8.15	7.95	9.6	3.808	91.6
146	5/26/2013 2:00:50	10.97	51.10	33.40	8.23	7.95	9.7	3.707	92.2
147	5/26/2013 2:15:50	11.50	51.11	33.44	8.31	7.99	9.3	3.594	94.1
148	5/26/2013 2:30:50	12.35	51.01	33.41	8.39	8.03	13.0	3.465	96.7
149	5/26/2013 2:45:50	12.09	51.02	33.41	8.42	8.01	19.2	3.326	96.5
150	5/26/2013 3:00:50	12.30	51.02	33.41	8.43	8.02	14.8	3.194	97.1
151	5/26/2013 3:15:50	12.99	50.97	33.40	8.46	8.06	15.8	3.058	98.9
152	5/26/2013 3:30:50	13.32	50.95	33.41	8.51	8.08	17.2	2.911	100.2
153	5/26/2013 3:45:50	13.84	50.93	33.41	8.54	8.11	18.8	2.752	101.6
154	5/26/2013 4:00:50	13.32	50.94	33.40	8.32	8.07	22.2	2.610	97.9
155	5/26/2013 4:15:50	13.83	50.97	33.44	8.67	8.11	18.5	2.453	103.1
156	5/26/2013 4:30:50	13.51	50.96	33.42	8.58	8.10	19.2	2.283	101.3
157	5/26/2013 4:45:50	13.94	50.94	33.42	8.62	8.13	20.8	2.106	102.7
158	5/26/2013 5:00:50	14.09	50.93	33.41	8.68	8.13	19.1	1.947	103.7

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
159	5/26/2013 5:15:50	14.64	50.91	33.42	8.69	8.17	23.0	1.758	105.0
160	5/26/2013 5:30:50	15.12	50.88	33.41	8.73	8.20	27.1	1.574	106.5
161	5/26/2013 5:45:50	15.26	50.90	33.42	8.71	8.20	23.3	1.393	106.6
162	5/26/2013 6:00:50	15.46	50.88	33.42	8.69	8.21	27.6	1.223	106.8
163	5/26/2013 6:15:50	15.84	50.88	33.43	8.72	8.23	26.4	1.042	107.9
164	5/26/2013 6:30:50	15.96	50.87	33.42	8.72	8.24	31.4	0.892	108.2
165	5/26/2013 6:45:50	16.15	50.83	33.40	8.72	8.25	24.3	0.766	108.6
166	5/26/2013 7:00:50	16.19	50.83	33.40	8.66	8.25	23.9	0.668	108.0
167	5/26/2013 7:15:50	15.96	50.86	33.41	8.58	8.24	21.1	0.660	106.5
168	5/26/2013 7:30:50	16.53	50.86	33.43	8.94	8.30	17.6	0.676	112.2
169	5/26/2013 7:45:50	16.52	50.88	33.44	9.00	8.30	15.5	0.766	112.9
170	5/26/2013 8:00:50	16.64	50.87	33.43	9.05	8.31	18.6	0.887	113.7
171	5/26/2013 8:15:50	16.67	50.86	33.42	9.12	8.32	17.2	0.973	114.7
172	5/26/2013 8:30:50	16.58	50.85	33.42	9.08	8.31	16.4	1.064	114.1
173	5/26/2013 8:45:50	16.64	50.71	33.32	8.92	8.29	17.7	1.134	112.1
174	5/26/2013 9:00:50	16.72	50.59	33.23	8.71	8.28	17.7	1.203	109.5
175	5/26/2013 9:15:50	16.68	50.62	33.25	8.65	8.28	16.8	1.279	108.8
176	5/26/2013 9:30:50	16.55	50.71	33.32	8.76	8.28	16.2	1.367	109.9
177	5/26/2013 9:45:50	16.47	50.71	33.31	8.63	8.26	16.9	1.475	108.1
178	5/26/2013 10:00:50	16.31	50.72	33.32	8.61	8.25	16.4	1.580	107.5
179	5/26/2013 10:15:50	16.10	50.77	33.35	8.63	8.24	16.9	1.702	107.3
180	5/26/2013 10:30:50	15.92	50.79	33.36	8.62	8.23	18.1	1.817	106.8
181	5/26/2013 10:45:50	15.81	50.80	33.36	8.65	8.22	17.5	1.956	106.9
182	5/26/2013 11:00:50	15.68	50.84	33.39	8.70	8.21	18.9	2.080	107.3
183	5/26/2013 11:15:50	15.61	50.84	33.39	8.62	8.19	16.7	2.205	106.2
184	5/26/2013 11:30:50	15.57	50.85	33.40	8.61	8.19	17.2	2.325	105.9
185	5/26/2013 11:45:50	15.39	50.84	33.39	8.59	8.17	20.0	2.437	105.3
186	5/26/2013 12:00:50	15.05	50.83	33.37	8.54	8.15	24.1	2.548	104.0
187	5/26/2013 12:15:50	14.90	50.82	33.36	8.47	8.14	24.1	2.643	102.9
188	5/26/2013 12:30:50	14.43	50.83	33.35	8.47	8.11	26.4	2.736	101.9
189	5/26/2013 12:45:50	13.89	50.86	33.36	8.46	8.08	25.9	2.834	100.6
190	5/26/2013 13:00:50	13.30	50.87	33.35	8.42	8.05	26.6	2.922	98.9
191	5/26/2013 13:15:50	12.84	50.89	33.34	8.43	8.02	24.7	3.003	98.2
192	5/26/2013 13:30:50	12.74	50.92	33.36	8.43	8.02	22.4	3.074	98.0
193	5/26/2013 13:45:50	12.64	50.91	33.35	8.45	8.02	20.9	3.150	98.0
194	5/26/2013 14:00:50	12.43	50.93	33.35	8.50	8.01	16.8	3.216	98.1
195	5/26/2013 14:15:50	12.27	50.92	33.34	8.53	8.00	11.7	3.258	98.2
196	5/26/2013 14:30:50	12.17	50.94	33.35	8.55	8.00	9.9	3.295	98.2
197	5/26/2013 14:45:50	12.90	50.92	33.36	8.60	8.03	10.7	3.310	100.3
198	5/26/2013 15:00:50	12.57	50.90	33.34	8.34	8.00	9.2	3.304	96.6
199	5/26/2013 15:15:50	12.34	50.93	33.35	8.39	7.99	11.6	3.248	96.7
200	5/26/2013 15:30:50	12.51	50.92	33.35	8.37	8.00	13.0	3.186	96.8
201	5/26/2013 15:45:50	13.39	50.87	33.35	8.64	8.05	18.9	3.109	101.8
202	5/26/2013 16:00:50	13.65	50.88	33.37	8.98	8.07	16.0	3.017	106.4
203	5/26/2013 16:15:50	14.60	50.84	33.37	9.30	8.14	21.4	2.914	112.2
204	5/26/2013 16:30:50	14.63	50.84	33.36	9.27	8.15	18.6	2.813	112.0
205	5/26/2013 16:45:50	15.36	50.84	33.39	9.52	8.20	18.1	2.723	116.7
206	5/26/2013 17:00:50	15.61	50.80	33.36	9.62	8.21	16.6	2.634	118.5
207	5/26/2013 17:15:50	15.84	50.80	33.37	9.71	8.21	16.4	2.536	120.1
208	5/26/2013 17:30:50	15.91	50.76	33.34	9.96	8.22	15.8	2.457	123.4
209	5/26/2013 17:45:50	15.90	50.82	33.38	10.01	8.22	14.8	2.372	124.1
210	5/26/2013 18:00:50	16.06	50.82	33.39	10.11	8.23	12.0	2.291	125.7
211	5/26/2013 18:15:50	16.53	50.80	33.38	10.31	8.27	15.3	2.217	129.3

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
212	5/26/2013 18:30:50	17.04	50.80	33.39	10.83	8.32	11.5	2.153	137.1
213	5/26/2013 18:45:49	17.27	50.78	33.37	10.98	8.34	10.2	2.106	139.7
214	5/26/2013 19:00:50	17.41	50.78	33.38	11.17	8.35	10.4	2.073	142.5
215	5/26/2013 19:15:50	17.40	50.78	33.38	10.73	8.34	9.0	2.047	136.8
216	5/26/2013 19:30:50	17.34	50.81	33.40	10.90	8.34	10.0	2.036	138.8
217	5/26/2013 19:45:50	17.39	50.77	33.36	11.09	8.35	10.1	2.079	141.5
218	5/26/2013 20:00:50	17.14	50.78	33.37	10.77	8.32	11.1	2.101	136.7
219	5/26/2013 20:15:50	17.12	50.78	33.37	10.67	8.32	10.8	2.138	135.4
220	5/26/2013 20:30:50	17.05	50.77	33.37	10.53	8.31	11.5	2.232	133.4
221	5/26/2013 20:45:50	17.28	50.71	33.32	10.36	8.30	15.3	2.310	131.8
222	5/26/2013 21:00:50	16.83	50.76	33.36	10.13	8.27	13.7	2.385	127.7
223	5/26/2013 21:15:50	16.56	50.78	33.37	9.94	8.25	11.4	2.472	124.8
224	5/26/2013 21:30:50	16.29	50.79	33.37	9.77	8.23	12.1	2.568	121.9
225	5/26/2013 21:45:50	15.74	50.81	33.37	9.48	8.19	12.5	2.653	117.1
226	5/26/2013 22:00:50	14.92	50.83	33.37	9.00	8.13	12.8	2.733	109.3
227	5/26/2013 22:15:50	14.65	50.84	33.37	8.87	8.11	12.0	2.822	107.1
228	5/26/2013 22:30:50	14.46	50.85	33.37	8.81	8.10	11.5	2.918	106.0
229	5/26/2013 22:45:50	14.28	50.86	33.37	8.79	8.09	13.9	3.007	105.4
230	5/26/2013 23:00:50	13.69	50.89	33.37	8.77	8.06	16.6	3.103	103.9
231	5/26/2013 23:15:50	13.30	50.90	33.37	8.77	8.04	16.9	3.201	103.1
232	5/26/2013 23:30:50	12.69	50.92	33.36	8.81	8.02	20.0	3.306	102.3
233	5/26/2013 23:45:50	12.32	50.94	33.36	8.80	8.01	25.4	3.410	101.4
234	5/27/2013 0:00:50	11.88	50.96	33.35	8.84	8.00	19.7	3.502	100.9
235	5/27/2013 0:15:50	11.61	50.99	33.36	8.86	7.99	14.4	3.600	100.5
236	5/27/2013 0:30:50	11.44	51.01	33.36	8.88	7.99	15.1	3.688	100.4
237	5/27/2013 0:45:50	11.34	51.02	33.36	8.90	7.99	10.0	3.765	100.5
238	5/27/2013 1:00:50	11.34	51.09	33.41	8.91	7.99	8.1	3.826	100.6
239	5/27/2013 1:15:50	11.37	51.04	33.38	8.92	8.00	6.7	3.883	100.7
240	5/27/2013 1:30:50	11.34	51.00	33.35	8.85	7.99	6.2	3.923	99.9
241	5/27/2013 1:45:50	12.25	50.69	33.17	8.65	8.02	7.5	3.922	99.4
242	5/27/2013 2:00:50	11.71	50.97	33.35	8.53	7.99	6.3	3.915	97.0
243	5/27/2013 2:15:50	11.94	50.95	33.35	8.71	8.01	8.7	3.886	99.5
244	5/27/2013 2:30:50	11.88	50.95	33.34	8.70	8.00	7.3	3.822	99.3
245	5/27/2013 2:45:50	11.61	50.96	33.34	8.74	8.00	9.0	3.725	99.2
246	5/27/2013 3:00:50	12.21	50.89	33.31	8.75	8.03	8.6	3.626	100.5
247	5/27/2013 3:15:50	12.46	50.91	33.34	8.77	8.04	9.2	3.502	101.4
248	5/27/2013 3:30:50	12.80	50.89	33.34	8.73	8.05	13.9	3.364	101.6
249	5/27/2013 3:45:50	12.78	50.88	33.33	8.74	8.04	16.4	3.235	101.6
250	5/27/2013 4:00:50	13.19	50.85	33.33	8.67	8.06	15.4	3.100	101.7
251	5/27/2013 4:15:50	13.65	50.79	33.30	8.65	8.08	16.1	2.956	102.4
252	5/27/2013 4:30:50	14.01	50.80	33.32	8.58	8.09	14.0	2.820	102.4
253	5/27/2013 4:45:50	14.24	50.78	33.31	8.48	8.09	18.3	2.672	101.6
254	5/27/2013 5:00:50	13.75	50.77	33.29	8.68	8.08	16.6	2.525	102.9
255	5/27/2013 5:15:50	13.62	50.73	33.25	8.65	8.09	15.9	2.339	102.3
256	5/27/2013 5:30:50	13.55	50.70	33.23	8.66	8.09	15.6	2.177	102.2
257	5/27/2013 5:45:50	14.23	50.59	33.17	8.69	8.12	19.1	2.023	104.0
258	5/27/2013 6:00:50	14.74	50.60	33.20	8.73	8.15	22.6	1.843	105.6
259	5/27/2013 6:15:50	15.41	50.61	33.22	8.74	8.18	24.5	1.660	107.1
260	5/27/2013 6:30:50	15.80	50.61	33.23	8.77	8.20	26.6	1.480	108.3
261	5/27/2013 6:45:50	16.10	50.60	33.23	8.76	8.21	28.2	1.306	108.8
262	5/27/2013 7:00:50	16.35	50.57	33.21	8.77	8.23	25.6	1.136	109.4
263	5/27/2013 7:15:50	16.52	50.58	33.21	8.74	8.23	22.7	0.973	109.5
264	5/27/2013 7:30:50	16.66	50.52	33.17	8.70	8.24	21.7	0.846	109.2

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	5/27/2013 7:45:50	16.82	50.46	33.13	8.76	8.26	22.8	0.730	110.4
266	5/27/2013 8:00:50	16.18	50.31	33.01	8.53	8.20	16.7	0.699	106.0
267	5/27/2013 8:15:50	16.99	50.42	33.10	8.82	8.28	15.7	0.709	111.4
268	5/27/2013 8:30:50	17.02	50.54	33.19	8.93	8.29	14.8	0.761	113.0
269	5/27/2013 8:45:50	16.99	50.49	33.16	8.91	8.28	13.4	0.866	112.6
270	5/27/2013 9:00:50	17.09	50.43	33.11	8.96	8.29	14.7	0.971	113.4
271	5/27/2013 9:15:50	17.00	50.41	33.10	8.94	8.29	14.4	1.064	113.0
272	5/27/2013 9:30:50	16.92	50.30	33.02	8.84	8.27	15.1	1.136	111.5
273	5/27/2013 9:45:50	16.99	50.22	32.96	8.70	8.27	15.2	1.219	109.8
274	5/27/2013 10:00:50	17.01	50.21	32.95	8.71	8.27	15.1	1.286	109.9
275	5/27/2013 10:15:50	16.94	50.28	33.00	8.65	8.26	14.4	1.377	109.1
276	5/27/2013 10:30:50	16.86	50.25	32.98	8.52	8.25	14.2	1.472	107.2
277	5/27/2013 10:45:50	16.76	50.26	32.98	8.49	8.24	14.5	1.562	106.7
278	5/27/2013 11:00:50	16.67	50.24	32.97	8.60	8.23	13.6	1.698	107.9
279	5/27/2013 11:15:50	16.62	50.27	32.99	8.74	8.23	15.9	1.800	109.6
280	5/27/2013 11:30:50	16.25	50.42	33.09	8.62	8.20	12.5	1.920	107.3
281	5/27/2013 11:45:50	16.18	50.47	33.13	8.65	8.20	13.3	2.052	107.5
282	5/27/2013 12:00:50	16.15	50.50	33.15	8.65	8.19	17.4	2.176	107.5
283	5/27/2013 12:15:50	15.97	50.57	33.20	8.59	8.17	18.6	2.296	106.5
284	5/27/2013 12:30:50	15.68	50.59	33.21	8.52	8.15	17.7	2.403	105.0
285	5/27/2013 12:45:50	15.44	50.61	33.22	8.50	8.14	20.2	2.513	104.2
286	5/27/2013 13:00:50	15.13	50.60	33.21	8.49	8.12	22.5	2.618	103.5
287	5/27/2013 13:15:50	14.75	50.61	33.20	8.55	8.10	23.8	2.720	103.4
288	5/27/2013 13:30:50	14.16	50.65	33.22	8.57	8.08	24.8	2.816	102.4
289	5/27/2013 13:45:50	13.40	50.67	33.20	8.65	8.05	22.1	2.902	101.8
290	5/27/2013 14:00:50	13.13	50.69	33.20	8.70	8.04	20.5	2.998	101.8
291	5/27/2013 14:15:50	13.05	50.71	33.22	8.69	8.04	18.4	3.080	101.5
292	5/27/2013 14:30:50	12.86	50.72	33.22	8.71	8.03	23.3	3.156	101.4
293	5/27/2013 14:45:50	12.59	50.73	33.21	8.81	8.03	15.9	3.230	101.9
294	5/27/2013 15:00:50	12.35	50.74	33.21	8.85	8.02	11.2	3.293	101.9
295	5/27/2013 15:15:50	12.16	50.72	33.19	8.90	8.01	10.0	3.346	102.1
296	5/27/2013 15:30:50	12.11	50.70	33.17	8.87	8.01	7.4	3.362	101.6
297	5/27/2013 15:45:50	12.25	50.74	33.21	8.70	8.02	7.8	3.366	99.9
298	5/27/2013 16:00:50	12.57	50.70	33.19	8.60	8.02	9.5	3.351	99.5
299	5/27/2013 16:15:50	12.41	50.71	33.19	8.73	8.02	10.9	3.290	100.6
300	5/27/2013 16:30:50	12.61	50.68	33.18	8.70	8.03	12.0	3.217	100.7
301	5/27/2013 16:45:50	13.39	50.69	33.22	8.90	8.08	14.2	3.127	104.7
302	5/27/2013 17:00:50	13.52	50.65	33.19	8.81	8.08	14.5	3.042	104.0
303	5/27/2013 17:15:50	13.81	50.62	33.18	8.79	8.09	19.1	2.933	104.3
304	5/27/2013 17:30:50	13.90	50.62	33.19	8.82	8.10	16.2	2.840	104.9
305	5/27/2013 17:45:50	14.53	50.57	33.16	8.87	8.14	13.9	2.753	106.7
306	5/27/2013 18:00:50	14.70	50.57	33.17	8.87	8.14	14.2	2.652	107.2
307	5/27/2013 18:15:50	15.07	50.56	33.17	8.81	8.16	13.7	2.568	107.2
308	5/27/2013 18:30:50	15.16	50.53	33.15	8.78	8.16	12.2	2.505	107.0
309	5/27/2013 18:45:50	14.92	50.54	33.15	8.83	8.15	11.2	2.414	107.2
310	5/27/2013 19:00:50	15.01	50.55	33.17	8.89	8.16	11.7	2.347	108.0
311	5/27/2013 19:15:50	15.05	50.55	33.16	8.90	8.16	11.9	2.278	108.3
312	5/27/2013 19:30:50	15.50	50.53	33.16	9.00	8.19	11.1	2.234	110.4
313	5/27/2013 19:45:50	15.89	50.48	33.14	9.09	8.23	10.2	2.162	112.4
314	5/27/2013 20:00:50	16.08	50.40	33.08	9.13	8.24	9.8	2.130	113.3
315	5/27/2013 20:15:50	16.18	50.43	33.10	9.20	8.25	10.4	2.134	114.5
316	5/27/2013 20:30:50	16.05	50.48	33.13	9.02	8.23	10.2	2.126	111.9
317	5/27/2013 20:45:50	16.17	50.40	33.08	9.02	8.24	11.8	2.143	112.1

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
318	5/27/2013 21:00:50	15.96	50.43	33.10	8.96	8.22	11.1	2.169	110.9
319	5/27/2013 21:15:50	15.91	50.44	33.10	8.92	8.21	11.1	2.234	110.3
320	5/27/2013 21:30:50	15.76	50.46	33.12	8.82	8.19	10.5	2.291	108.8
321	5/27/2013 21:45:50	15.61	50.47	33.12	8.74	8.17	11.5	2.353	107.5
322	5/27/2013 22:00:50	15.49	50.48	33.12	8.69	8.16	12.8	2.443	106.6
323	5/27/2013 22:15:50	15.26	50.50	33.13	8.68	8.15	12.0	2.524	106.0
324	5/27/2013 22:30:50	15.07	50.52	33.14	8.66	8.14	11.2	2.603	105.4
325	5/27/2013 22:45:50	14.73	50.54	33.15	8.65	8.12	10.6	2.685	104.5
326	5/27/2013 23:00:50	14.28	50.58	33.17	8.60	8.09	10.1	2.771	103.0
327	5/27/2013 23:15:50	14.13	50.60	33.18	8.53	8.08	9.9	2.848	101.9
328	5/27/2013 23:30:50	14.00	50.62	33.19	8.53	8.08	10.9	2.942	101.6
329	5/27/2013 23:45:50	13.63	50.64	33.19	8.55	8.06	11.1	3.018	101.1
330	5/28/2013 0:00:50	13.27	50.66	33.19	8.60	8.05	12.5	3.117	101.0
331	5/28/2013 0:15:50	12.98	50.65	33.17	8.64	8.04	13.7	3.211	100.8
332	5/28/2013 0:30:50	12.71	50.64	33.15	8.69	8.03	14.5	3.307	100.8
333	5/28/2013 0:45:50	12.19	50.64	33.13	8.81	8.01	13.8	3.402	101.1
334	5/28/2013 1:00:50	11.83	50.64	33.11	8.89	8.00	14.2	3.488	101.2
335	5/28/2013 1:15:50	11.59	50.65	33.11	8.92	7.99	12.5	3.577	101.0
336	5/28/2013 1:30:50	11.46	50.66	33.11	8.91	7.99	12.9	3.647	100.7
337	5/28/2013 1:45:50	11.34	50.69	33.12	8.89	7.98	9.0	3.717	100.2
338	5/28/2013 2:00:50	11.28	50.67	33.11	8.85	7.98	7.5	3.783	99.6
339	5/28/2013 2:15:50	11.21	50.72	33.14	8.83	7.98	6.6	3.818	99.2
340	5/28/2013 2:30:50	11.81	50.36	32.91	8.67	7.98	7.1	3.833	98.6
341	5/28/2013 2:45:50	11.50	50.69	33.14	8.53	7.97	6.2	3.856	96.5
342	5/28/2013 3:00:50	11.51	50.67	33.12	8.49	7.97	7.2	3.840	96.0
343	5/28/2013 3:15:50	11.62	50.65	33.11	8.68	7.99	9.7	3.785	98.4
344	5/28/2013 3:30:50	11.70	50.69	33.14	8.72	7.99	8.3	3.711	99.0
345	5/28/2013 3:45:50	11.56	50.68	33.13	8.71	7.98	11.9	3.632	98.7
346	5/28/2013 4:00:50	11.51	50.69	33.13	8.72	7.99	10.1	3.524	98.6
347	5/28/2013 4:15:50	12.42	50.64	33.14	8.54	8.02	11.6	3.407	98.4
348	5/28/2013 4:30:50	12.71	50.61	33.13	8.57	8.03	18.4	3.280	99.4
349	5/28/2013 4:45:50	12.72	50.62	33.14	8.55	8.03	14.5	3.159	99.2
350	5/28/2013 5:00:50	12.98	50.59	33.13	8.40	8.03	13.6	3.017	97.9
351	5/28/2013 5:15:50	13.67	50.55	33.12	8.15	8.05	16.9	2.881	96.4
352	5/28/2013 5:30:50	14.16	50.55	33.14	8.04	8.07	16.9	2.744	96.0
353	5/28/2013 5:45:50	13.67	50.60	33.16	8.07	8.04	23.1	2.592	95.5
354	5/28/2013 6:00:50	13.87	50.50	33.10	8.16	8.07	17.6	2.437	96.9
355	5/28/2013 6:15:50	13.80	50.56	33.14	8.18	8.06	22.7	2.298	97.0
356	5/28/2013 6:30:50	13.73	50.59	33.16	8.16	8.06	15.8	2.128	96.7
357	5/28/2013 6:45:50	14.16	50.56	33.15	8.07	8.08	17.4	1.965	96.4
358	5/28/2013 7:00:50	14.50	50.54	33.14	7.99	8.09	24.8	1.795	96.1
359	5/28/2013 7:15:50	14.73	50.53	33.15	7.94	8.10	20.4	1.639	95.9
360	5/28/2013 7:30:50	15.06	50.52	33.14	7.89	8.11	19.6	1.474	95.9
361	5/28/2013 7:45:50	15.33	50.50	33.13	7.85	8.13	19.4	1.308	96.0
362	5/28/2013 8:00:50	15.38	50.49	33.13	7.82	8.13	18.8	1.160	95.8
363	5/28/2013 8:15:50	15.56	50.46	33.11	7.81	8.14	18.0	1.029	95.9
364	5/28/2013 8:30:50	15.71	50.45	33.11	7.79	8.15	16.5	0.926	96.0
365	5/28/2013 8:45:50	15.79	50.45	33.11	7.82	8.15	21.4	0.859	96.4
366	5/28/2013 9:00:50	15.62	50.43	33.09	7.74	8.13	14.2	0.837	95.3
367	5/28/2013 9:15:50	16.07	50.38	33.06	7.83	8.17	13.4	0.880	97.1
368	5/28/2013 9:30:50	16.31	50.33	33.03	7.89	8.19	12.7	0.934	98.3
369	5/28/2013 9:45:50	16.33	50.31	33.02	7.87	8.19	12.3	1.042	98.1
370	5/28/2013 10:00:50	16.41	50.31	33.01	7.91	8.20	12.6	1.123	98.8

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	5/28/2013 10:15:50	16.47	50.34	33.04	7.92	8.20	11.7	1.215	99.0
372	5/28/2013 10:30:50	16.46	50.21	32.94	7.90	8.19	11.7	1.313	98.7
373	5/28/2013 10:45:50	16.25	50.20	32.93	7.77	8.18	11.8	1.356	96.7
374	5/28/2013 11:00:50	16.06	50.18	32.92	7.66	8.16	13.3	1.457	95.0
375	5/28/2013 11:15:50	15.96	50.16	32.90	7.58	8.16	13.9	1.545	93.7
376	5/28/2013 11:30:50	15.95	50.14	32.88	7.60	8.15	14.1	1.644	94.0
377	5/28/2013 11:45:50	15.72	50.24	32.96	7.69	8.14	12.8	1.741	94.7
378	5/28/2013 12:00:50	15.54	50.29	32.99	7.71	8.13	12.8	1.851	94.5
379	5/28/2013 12:15:50	15.40	50.36	33.03	7.78	8.12	14.4	1.986	95.2
380	5/28/2013 12:30:50	15.36	50.39	33.05	7.84	8.11	14.7	2.096	95.9
381	5/28/2013 12:45:50	15.30	50.43	33.08	7.84	8.10	14.4	2.212	95.8
382	5/28/2013 13:00:50	15.31	50.45	33.10	7.85	8.10	15.1	2.329	95.9
383	5/28/2013 13:15:50	15.20	50.46	33.11	7.93	8.10	17.6	2.440	96.7
384	5/28/2013 13:30:50	15.17	50.43	33.08	8.11	8.10	17.5	2.545	98.9
385	5/28/2013 13:45:50	14.94	50.40	33.06	8.09	8.08	19.4	2.636	98.2
386	5/28/2013 14:00:50	14.64	50.42	33.06	8.15	8.07	23.4	2.744	98.3
387	5/28/2013 14:15:50	14.38	50.46	33.08	8.30	8.06	26.4	2.836	99.5
388	5/28/2013 14:30:50	13.75	50.48	33.07	8.47	8.04	28.0	2.921	100.3
389	5/28/2013 14:45:50	13.25	50.50	33.08	8.61	8.02	23.1	3.012	100.9
390	5/28/2013 15:00:50	13.14	50.52	33.09	8.64	8.02	25.5	3.095	101.0
391	5/28/2013 15:15:50	13.07	50.53	33.09	8.69	8.02	21.1	3.173	101.6
392	5/28/2013 15:30:50	12.95	50.51	33.07	8.78	8.02	16.9	3.245	102.3
393	5/28/2013 15:45:50	12.79	50.52	33.07	8.91	8.02	14.7	3.313	103.4
394	5/28/2013 16:00:50	12.59	50.51	33.05	9.07	8.03	10.8	3.361	104.9
395	5/28/2013 16:15:50	12.56	50.49	33.04	9.12	8.03	8.2	3.398	105.3
396	5/28/2013 16:30:50	13.28	50.55	33.11	8.80	8.04	9.4	3.397	103.2
397	5/28/2013 16:45:50	12.76	50.52	33.07	8.81	8.02	8.3	3.393	102.3
398	5/28/2013 17:00:50	13.06	50.52	33.08	8.78	8.03	10.4	3.352	102.6
399	5/28/2013 17:15:50	13.01	50.50	33.07	8.74	8.02	12.3	3.282	102.0
400	5/28/2013 17:30:50	13.58	50.51	33.09	8.96	8.05	13.7	3.207	105.8
401	5/28/2013 17:45:50	13.31	50.52	33.09	9.27	8.07	11.9	3.117	108.8
402	5/28/2013 18:00:50	14.87	50.46	33.10	9.23	8.12	13.5	3.017	111.9
403	5/28/2013 18:15:50	14.83	50.45	33.09	9.20	8.12	14.7	2.917	111.4
404	5/28/2013 18:30:50	14.90	50.46	33.10	9.21	8.13	13.7	2.826	111.7
405	5/28/2013 18:45:50	15.11	50.44	33.09	9.18	8.13	11.7	2.734	111.7
406	5/28/2013 19:00:50	15.41	50.44	33.09	9.08	8.14	14.8	2.648	111.2
407	5/28/2013 19:15:50	15.69	50.40	33.07	9.01	8.15	13.8	2.569	110.9
408	5/28/2013 19:30:50	15.41	50.43	33.09	9.27	8.15	14.5	2.492	113.6
409	5/28/2013 19:45:50	15.32	50.43	33.08	9.33	8.15	11.3	2.426	114.0
410	5/28/2013 20:00:50	15.53	50.41	33.07	9.33	8.16	10.3	2.352	114.6
411	5/28/2013 20:15:50	15.83	50.37	33.05	9.68	8.20	10.0	2.278	119.5
412	5/28/2013 20:30:50	16.60	50.31	33.02	9.72	8.24	9.8	2.227	121.8
413	5/28/2013 20:45:50	16.65	50.29	33.00	9.83	8.25	9.8	2.177	123.3
414	5/28/2013 21:00:50	16.87	50.27	32.99	9.89	8.26	9.5	2.159	124.6
415	5/28/2013 21:15:50	17.03	50.27	32.99	9.97	8.27	9.8	2.134	126.0
416	5/28/2013 21:30:50	16.98	50.24	32.98	9.77	8.27	8.4	2.138	123.3
417	5/28/2013 21:45:50	16.60	50.29	33.00	9.55	8.23	9.8	2.149	119.7
418	5/28/2013 22:00:50	16.50	50.32	33.02	9.55	8.22	9.7	2.187	119.5
419	5/28/2013 22:15:50	16.51	50.31	33.02	9.53	8.23	10.8	2.235	119.2
420	5/28/2013 22:30:50	16.40	50.33	33.03	9.39	8.21	10.0	2.282	117.2
421	5/28/2013 22:45:50	16.56	50.29	33.00	9.42	8.21	11.6	2.363	117.9
422	5/28/2013 23:00:50	16.39	50.32	33.03	9.32	8.19	11.1	2.432	116.3
423	5/28/2013 23:15:50	16.11	50.37	33.05	9.16	8.17	10.3	2.505	113.7

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	5/28/2013 23:30:50	15.90	50.39	33.07	9.07	8.16	9.6	2.585	112.2
425	5/28/2013 23:45:50	15.44	50.41	33.07	8.99	8.13	9.5	2.660	110.2
426	5/29/2013 0:00:50	14.89	50.44	33.08	8.75	8.09	10.8	2.745	106.0
427	5/29/2013 0:15:50	14.59	50.46	33.09	8.65	8.08	9.7	2.814	104.2
428	5/29/2013 0:30:50	14.40	50.47	33.09	8.66	8.07	9.8	2.899	103.9
429	5/29/2013 0:45:50	14.24	50.47	33.09	8.69	8.07	10.4	2.973	103.9
430	5/29/2013 1:00:50	13.95	50.47	33.08	8.79	8.06	10.5	3.055	104.5
431	5/29/2013 1:15:50	13.62	50.45	33.05	8.91	8.05	10.4	3.140	105.2
432	5/29/2013 1:30:50	13.42	50.45	33.05	8.95	8.05	11.7	3.222	105.2
433	5/29/2013 1:45:50	13.01	50.48	33.05	9.07	8.04	13.0	3.305	105.8
434	5/29/2013 2:00:50	12.64	50.48	33.03	9.17	8.03	11.9	3.383	106.1
435	5/29/2013 2:15:50	12.27	50.49	33.03	9.25	8.03	10.7	3.465	106.3
436	5/29/2013 2:30:50	12.10	50.49	33.02	9.26	8.02	10.0	3.526	106.0
437	5/29/2013 2:45:50	11.94	50.53	33.04	9.27	8.02	8.9	3.589	105.7
438	5/29/2013 3:00:50	11.88	50.53	33.04	9.27	8.02	6.3	3.635	105.6
439	5/29/2013 3:15:50	11.81	50.52	33.03	9.29	8.02	5.1	3.676	105.6
440	5/29/2013 3:30:50	12.02	50.45	32.99	9.13	8.02	6.4	3.684	104.3
441	5/29/2013 3:45:50	12.07	50.55	33.06	8.96	8.02	6.6	3.690	102.5
442	5/29/2013 4:00:50	12.25	50.52	33.04	8.86	8.01	6.4	3.661	101.7
443	5/29/2013 4:15:50	12.51	50.49	33.04	8.90	8.03	7.7	3.608	102.7
444	5/29/2013 4:30:50	12.52	50.47	33.02	8.94	8.03	8.1	3.536	103.2
445	5/29/2013 4:45:50	12.69	50.47	33.03	8.94	8.04	10.7	3.449	103.5
446	5/29/2013 5:00:50	12.44	50.51	33.05	9.03	8.03	9.0	3.352	104.1
447	5/29/2013 5:15:50	13.37	50.46	33.05	8.75	8.05	10.2	3.230	102.8
448	5/29/2013 5:30:50	13.44	50.45	33.05	8.81	8.06	14.7	3.117	103.7
449	5/29/2013 5:45:50	13.63	50.45	33.05	8.67	8.06	12.9	3.011	102.4
450	5/29/2013 6:00:50	13.89	50.45	33.06	8.48	8.06	13.6	2.866	100.8
451	5/29/2013 6:15:50	14.60	50.40	33.05	8.14	8.07	15.8	2.751	98.1
452	5/29/2013 6:30:50	14.91	50.42	33.07	8.06	8.08	16.9	2.625	97.8
453	5/29/2013 6:45:50	14.48	50.37	33.02	8.27	8.07	14.2	2.493	99.4
454	5/29/2013 7:00:50	14.29	50.38	33.02	8.40	8.07	13.3	2.363	100.5
455	5/29/2013 7:15:50	14.40	50.39	33.03	8.45	8.08	18.2	2.197	101.4
456	5/29/2013 7:30:50	14.69	50.37	33.03	8.40	8.09	17.2	2.056	101.3
457	5/29/2013 7:45:50	14.96	50.36	33.03	8.38	8.10	15.9	1.918	101.7
458	5/29/2013 8:00:50	15.12	50.36	33.03	8.34	8.11	17.9	1.766	101.5
459	5/29/2013 8:15:50	15.50	50.32	33.01	8.29	8.12	19.5	1.617	101.7
460	5/29/2013 8:30:50	15.76	50.32	33.01	8.26	8.13	18.8	1.467	101.8
461	5/29/2013 8:45:50	15.85	50.31	33.01	8.26	8.14	15.8	1.345	102.0
462	5/29/2013 9:00:50	16.04	50.28	32.99	8.22	8.15	15.8	1.208	101.9
463	5/29/2013 9:15:50	16.31	50.26	32.98	8.17	8.16	15.8	1.120	101.7
464	5/29/2013 9:30:50	16.30	50.26	32.98	8.10	8.15	12.2	1.046	100.9
465	5/29/2013 9:45:50	16.37	50.23	32.95	8.14	8.15	13.3	1.003	101.5
466	5/29/2013 10:00:50	16.37	50.18	32.92	8.19	8.16	13.0	1.024	102.1
467	5/29/2013 10:15:50	16.48	50.28	33.00	8.30	8.17	11.9	1.051	103.8
468	5/29/2013 10:30:50	16.69	50.20	32.94	8.28	8.18	11.2	1.137	103.9
469	5/29/2013 10:45:50	16.68	50.25	32.98	8.32	8.18	11.1	1.214	104.4
470	5/29/2013 11:00:50	16.95	50.20	32.94	8.35	8.21	10.8	1.277	105.3
471	5/29/2013 11:15:50	16.85	50.22	32.95	8.33	8.20	11.2	1.373	104.8
472	5/29/2013 11:30:50	16.88	50.04	32.83	8.29	8.19	12.6	1.452	104.4
473	5/29/2013 11:45:50	16.74	50.11	32.87	8.22	8.18	10.8	1.514	103.1
474	5/29/2013 12:00:50	16.63	50.12	32.88	8.14	8.17	11.7	1.607	102.0
475	5/29/2013 12:15:50	16.50	50.12	32.88	8.07	8.16	11.5	1.718	100.8
476	5/29/2013 12:30:50	16.44	50.12	32.88	8.16	8.16	11.9	1.801	101.8

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	5/29/2013 12:45:50	16.22	50.19	32.92	8.16	8.15	10.9	1.892	101.4
478	5/29/2013 13:00:50	16.13	50.20	32.93	8.15	8.14	10.6	2.013	101.2
479	5/29/2013 13:15:50	15.93	50.24	32.96	8.17	8.13	12.0	2.124	101.0
480	5/29/2013 13:30:50	15.83	50.29	33.00	8.22	8.11	12.8	2.236	101.5
481	5/29/2013 13:45:50	15.79	50.33	33.02	8.13	8.10	13.3	2.338	100.3
482	5/29/2013 14:00:50	15.66	50.34	33.02	8.12	8.09	13.7	2.454	99.8
483	5/29/2013 14:15:50	15.52	50.35	33.03	8.25	8.09	16.2	2.552	101.2
484	5/29/2013 14:30:50	15.34	50.36	33.03	8.32	8.09	15.8	2.650	101.7
485	5/29/2013 14:45:50	15.18	50.34	33.02	8.30	8.08	19.3	2.745	101.2
486	5/29/2013 15:00:50	14.85	50.29	32.97	8.54	8.07	22.2	2.842	103.3
487	5/29/2013 15:15:50	14.51	50.33	32.99	8.67	8.07	21.1	2.928	104.2
488	5/29/2013 15:30:50	13.84	50.33	32.97	8.72	8.05	19.8	3.019	103.4
489	5/29/2013 15:45:50	13.38	50.38	32.99	8.84	8.04	20.5	3.098	103.9
490	5/29/2013 16:00:50	13.24	50.39	33.00	8.87	8.03	18.4	3.176	103.9
491	5/29/2013 16:15:50	13.15	50.40	33.00	8.92	8.03	15.5	3.255	104.3
492	5/29/2013 16:30:50	13.06	50.42	33.00	8.92	8.03	11.4	3.310	104.1
493	5/29/2013 16:45:50	12.99	50.41	33.00	8.92	8.03	9.4	3.359	104.0
494	5/29/2013 17:00:50	12.94	50.41	32.99	8.93	8.03	8.1	3.396	103.9
495	5/29/2013 17:15:50	13.31	50.31	32.94	8.87	8.04	9.2	3.412	104.0
496	5/29/2013 17:30:50	13.21	50.37	32.98	8.62	8.02	7.0	3.398	100.9
497	5/29/2013 17:45:50	13.34	50.40	33.00	8.91	8.05	9.3	3.363	104.6
498	5/29/2013 18:00:50	13.35	50.41	33.01	9.08	8.06	10.0	3.311	106.6
499	5/29/2013 18:15:50	13.45	50.40	33.01	9.02	8.06	12.7	3.243	106.2
500	5/29/2013 18:30:50	13.25	50.40	33.00	9.26	8.07	13.6	3.164	108.5
501	5/29/2013 18:45:50	13.33	50.41	33.01	9.21	8.07	14.4	3.072	108.1
502	5/29/2013 19:00:50	14.37	50.36	33.01	8.98	8.10	16.8	2.973	107.7
503	5/29/2013 19:15:50	14.74	50.32	32.99	9.01	8.12	19.1	2.893	108.9
504	5/29/2013 19:30:50	15.12	50.33	33.01	9.04	8.14	15.8	2.811	110.1
505	5/29/2013 19:45:50	14.98	50.34	33.01	9.02	8.13	14.5	2.720	109.5
506	5/29/2013 20:00:50	14.49	50.36	33.02	9.06	8.12	13.2	2.642	108.8
507	5/29/2013 20:15:50	14.66	50.32	32.99	9.00	8.12	15.0	2.569	108.6
508	5/29/2013 20:30:50	14.75	50.35	33.01	8.99	8.13	15.0	2.500	108.6
509	5/29/2013 20:45:50	14.86	50.36	33.02	8.99	8.14	15.9	2.417	108.9
510	5/29/2013 21:00:50	15.05	50.30	32.98	8.97	8.15	15.0	2.344	109.0
511	5/29/2013 21:15:50	15.45	50.30	32.99	8.96	8.17	15.5	2.286	109.7
512	5/29/2013 21:30:50	15.76	50.26	32.97	9.07	8.19	12.2	2.236	111.8
513	5/29/2013 21:45:50	15.86	50.26	32.97	9.08	8.20	13.0	2.168	112.1
514	5/29/2013 22:00:50	15.88	50.29	32.99	9.08	8.20	11.9	2.144	112.1
515	5/29/2013 22:15:50	16.31	50.23	32.95	9.15	8.23	12.0	2.138	113.9
516	5/29/2013 22:30:50	16.34	50.25	32.97	9.14	8.23	10.8	2.113	114.0
517	5/29/2013 22:45:50	16.46	50.23	32.96	9.07	8.23	9.3	2.121	113.3
518	5/29/2013 23:00:50	16.50	50.22	32.96	9.12	8.25	10.7	2.145	114.0
519	5/29/2013 23:15:50	16.46	50.22	32.95	9.16	8.24	11.7	2.194	114.4
520	5/29/2013 23:30:50	16.48	50.20	32.94	9.16	8.24	12.3	2.241	114.4
521	5/29/2013 23:45:50	16.34	50.22	32.95	9.04	8.22	11.2	2.292	112.6
522	5/30/2013 0:00:50	16.19	50.19	32.92	8.87	8.20	11.9	2.373	110.2
523	5/30/2013 0:15:50	16.26	50.11	32.87	8.90	8.21	11.1	2.441	110.7
524	5/30/2013 0:30:50	16.12	50.18	32.92	8.84	8.19	10.7	2.512	109.7
525	5/30/2013 0:45:50	16.02	50.21	32.93	8.80	8.18	9.9	2.574	108.9
526	5/30/2013 1:00:50	15.83	50.24	32.95	8.75	8.17	9.2	2.649	108.0
527	5/30/2013 1:15:50	15.31	50.29	32.98	8.63	8.13	9.5	2.717	105.4
528	5/30/2013 1:30:50	14.61	50.33	33.00	8.63	8.09	9.2	2.789	104.0
529	5/30/2013 1:45:50	14.42	50.34	33.00	8.62	8.08	8.7	2.857	103.4

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
530	5/30/2013 2:00:50	14.29	50.35	33.00	8.62	8.07	8.2	2.924	103.1
531	5/30/2013 2:15:50	14.20	50.35	33.00	8.61	8.07	8.2	2.999	102.9
532	5/30/2013 2:30:50	14.11	50.35	33.00	8.62	8.07	8.3	3.071	102.8
533	5/30/2013 2:45:50	13.69	50.36	32.99	8.66	8.06	8.5	3.141	102.4
534	5/30/2013 3:00:50	13.48	50.35	32.98	8.67	8.05	8.3	3.207	102.1
535	5/30/2013 3:15:50	13.31	50.36	32.97	8.66	8.04	7.6	3.276	101.6
536	5/30/2013 3:30:50	13.08	50.34	32.95	8.68	8.04	7.8	3.328	101.3
537	5/30/2013 3:45:50	12.78	50.37	32.96	8.71	8.03	6.8	3.381	101.0
538	5/30/2013 4:00:50	12.67	50.37	32.96	8.68	8.03	6.1	3.424	100.4
539	5/30/2013 4:15:50	12.60	50.38	32.96	8.62	8.02	5.3	3.444	99.6
540	5/30/2013 4:30:50	13.12	50.51	33.08	8.36	8.05	8.0	3.457	97.8
541	5/30/2013 4:45:51	12.66	50.40	32.98	8.24	8.00	4.6	3.453	95.4
542	5/30/2013 5:00:51	12.92	50.34	32.94	8.24	8.02	5.4	3.423	95.9
543	5/30/2013 5:15:50	13.07	50.39	32.98	8.45	8.03	9.8	3.379	98.7
544	5/30/2013 5:30:50	13.00	50.38	32.98	8.46	8.03	10.1	3.316	98.6
545	5/30/2013 5:45:50	12.92	50.38	32.98	8.52	8.03	11.6	3.224	99.1
546	5/30/2013 6:00:50	13.00	50.40	32.99	8.53	8.03	12.1	3.137	99.5
547	5/30/2013 6:15:50	13.58	50.38	33.00	8.40	8.05	13.3	3.032	99.1
548	5/30/2013 6:30:50	14.10	50.35	32.99	8.26	8.07	15.3	2.925	98.5
549	5/30/2013 6:45:50	14.24	50.36	33.00	8.14	8.07	16.1	2.816	97.3
550	5/30/2013 7:00:50	14.67	50.33	33.00	7.84	8.07	15.1	2.708	94.6
551	5/30/2013 7:15:50	14.92	50.32	32.99	7.66	8.07	15.9	2.602	92.9
552	5/30/2013 7:30:50	14.84	50.35	33.01	7.80	8.08	16.4	2.483	94.4
553	5/30/2013 7:45:50	14.74	50.32	32.99	8.21	8.09	18.4	2.368	99.2
554	5/30/2013 8:00:50	14.70	50.31	32.98	8.34	8.10	15.6	2.231	100.7
555	5/30/2013 8:15:50	14.73	50.32	32.99	8.38	8.11	14.7	2.112	101.2
556	5/30/2013 8:30:50	14.90	50.28	32.97	8.58	8.13	15.6	1.984	103.9
557	5/30/2013 8:45:50	15.05	50.29	32.98	8.60	8.13	15.7	1.853	104.5
558	5/30/2013 9:00:50	15.21	50.30	32.98	8.49	8.14	14.4	1.724	103.5
559	5/30/2013 9:15:50	15.40	50.29	32.98	8.59	8.16	14.2	1.590	105.1
560	5/30/2013 9:30:50	15.56	50.27	32.97	8.57	8.16	12.8	1.489	105.2
561	5/30/2013 9:45:50	15.62	50.27	32.98	8.57	8.17	12.3	1.399	105.3
562	5/30/2013 10:00:50	15.74	50.26	32.97	8.61	8.17	14.1	1.297	106.1
563	5/30/2013 10:15:50	15.79	50.26	32.97	8.60	8.18	11.7	1.236	106.0
564	5/30/2013 10:30:50	15.92	50.25	32.97	8.67	8.18	13.0	1.208	107.2
565	5/30/2013 10:45:50	15.83	50.25	32.97	8.80	8.18	12.8	1.207	108.6
566	5/30/2013 11:00:50	15.91	50.26	32.97	8.83	8.18	11.7	1.222	109.2
567	5/30/2013 11:15:50	16.00	50.23	32.95	8.72	8.19	10.9	1.254	107.9
568	5/30/2013 11:30:50	16.07	50.23	32.95	8.65	8.19	13.3	1.321	107.2
569	5/30/2013 11:45:50	16.10	50.22	32.95	8.59	8.19	12.6	1.378	106.5
570	5/30/2013 12:00:50	16.16	50.23	32.95	8.54	8.20	12.0	1.456	106.1
571	5/30/2013 12:15:50	16.19	50.21	32.94	8.56	8.20	11.7	1.514	106.3
572	5/30/2013 12:30:50	16.07	50.22	32.95	8.45	8.18	11.1	1.597	104.8
573	5/30/2013 12:45:50	16.30	50.10	32.86	8.53	8.21	11.1	1.686	106.2
574	5/30/2013 13:00:50	16.16	50.15	32.90	8.43	8.19	11.5	1.753	104.6
575	5/30/2013 13:15:50	16.12	50.16	32.90	8.34	8.18	10.1	1.847	103.4
576	5/30/2013 13:30:50	15.99	50.15	32.89	8.31	8.18	11.7	1.939	102.8
577	5/30/2013 13:45:50	15.86	50.16	32.89	8.19	8.17	11.5	2.052	101.1
578	5/30/2013 14:00:50	15.72	50.16	32.90	8.16	8.15	12.4	2.138	100.4
579	5/30/2013 14:15:50	15.56	50.20	32.92	8.19	8.13	11.5	2.245	100.5
580	5/30/2013 14:30:50	15.52	50.24	32.95	8.31	8.12	12.7	2.353	101.9
581	5/30/2013 14:45:50	15.43	50.27	32.97	8.28	8.11	11.8	2.444	101.3
582	5/30/2013 15:00:50	15.44	50.27	32.97	8.31	8.11	12.4	2.548	101.8

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
583	5/30/2013 15:15:50	15.44	50.27	32.97	8.43	8.11	13.5	2.642	103.2
584	5/30/2013 15:30:50	15.26	50.27	32.97	8.51	8.11	13.7	2.727	103.9
585	5/30/2013 15:45:50	15.15	50.28	32.97	8.56	8.10	15.7	2.817	104.2
586	5/30/2013 16:00:50	14.90	50.19	32.90	8.62	8.09	17.8	2.900	104.4
587	5/30/2013 16:15:50	14.60	50.16	32.87	8.70	8.08	18.9	2.975	104.7
588	5/30/2013 16:30:50	14.28	50.21	32.89	8.71	8.07	18.6	3.062	104.2
589	5/30/2013 16:45:50	13.90	50.23	32.90	8.77	8.05	20.0	3.127	104.1
590	5/30/2013 17:00:50	13.59	50.26	32.91	8.82	8.04	15.1	3.203	104.0
591	5/30/2013 17:15:50	13.49	50.27	32.92	8.81	8.04	13.1	3.260	103.7
592	5/30/2013 17:30:50	13.46	50.31	32.94	8.83	8.04	9.4	3.312	103.9
593	5/30/2013 17:45:50	13.46	50.26	32.91	8.85	8.04	8.7	3.354	104.1
594	5/30/2013 18:00:50	13.41	50.29	32.93	8.83	8.04	5.4	3.376	103.8
595	5/30/2013 18:15:50	13.66	50.31	32.95	8.67	8.04	9.8	3.386	102.4
596	5/30/2013 18:30:50	13.54	50.27	32.92	8.57	8.03	9.5	3.364	101.0
597	5/30/2013 18:45:50	13.89	50.29	32.95	9.09	8.07	14.4	3.329	107.9
598	5/30/2013 19:00:50	13.79	50.28	32.94	9.01	8.07	15.0	3.274	106.7
599	5/30/2013 19:15:50	13.74	50.30	32.95	9.08	8.08	17.0	3.192	107.5
600	5/30/2013 19:30:50	13.69	50.30	32.94	9.04	8.07	17.9	3.121	106.8
601	5/30/2013 19:45:50	13.79	50.32	32.96	8.98	8.07	18.8	3.037	106.4
602	5/30/2013 20:00:50	14.05	50.32	32.97	8.98	8.09	23.0	2.949	106.9
603	5/30/2013 20:15:50	14.39	50.28	32.95	8.95	8.10	22.6	2.860	107.3
604	5/30/2013 20:30:50	14.32	50.28	32.95	8.92	8.10	19.6	2.773	106.8
605	5/30/2013 20:45:50	14.31	50.28	32.95	8.84	8.10	20.6	2.695	105.8
606	5/30/2013 21:00:50	14.63	50.26	32.95	8.78	8.12	22.8	2.618	105.8
607	5/30/2013 21:15:50	14.41	50.41	33.05	8.75	8.10	22.9	2.536	105.0
608	5/30/2013 21:30:50	15.11	50.27	32.96	8.68	8.14	21.9	2.456	105.5
609	5/30/2013 21:45:50	15.12	50.27	32.96	8.70	8.15	22.0	2.379	105.9
610	5/30/2013 22:00:50	15.31	50.28	32.98	8.79	8.17	21.7	2.305	107.3
611	5/30/2013 22:15:50	15.90	50.21	32.94	8.80	8.21	19.5	2.232	108.7
612	5/30/2013 22:30:50	15.59	50.18	32.91	8.65	8.20	17.5	2.167	106.1
613	5/30/2013 22:45:50	15.91	50.23	32.95	8.78	8.22	17.3	2.108	108.5
614	5/30/2013 23:00:50	16.21	50.20	32.94	8.82	8.25	16.4	2.077	109.6
615	5/30/2013 23:15:50	16.30	50.23	32.96	8.84	8.26	14.4	2.041	110.1
616	5/30/2013 23:30:50	16.59	50.23	32.96	8.84	8.28	13.9	2.020	110.7
617	5/30/2013 23:45:50	16.68	50.18	32.92	8.84	8.29	11.7	2.027	110.9
618	5/31/2013 0:00:50	16.67	50.22	32.96	8.75	8.29	11.5	2.030	109.7
619	5/31/2013 0:15:50	16.69	50.21	32.95	8.86	8.29	12.8	2.076	111.1
620	5/31/2013 0:30:50	16.68	50.17	32.92	8.77	8.28	13.9	2.108	110.0
621	5/31/2013 0:45:50	16.68	50.19	32.93	8.78	8.28	14.5	2.161	110.1
622	5/31/2013 1:00:50	16.54	50.19	32.93	8.78	8.26	13.2	2.232	109.8
623	5/31/2013 1:15:50	16.56	50.12	32.88	8.61	8.25	14.7	2.289	107.7
624	5/31/2013 1:30:50	16.52	50.10	32.87	8.50	8.24	13.9	2.351	106.3
625	5/31/2013 1:45:50	16.50	50.11	32.87	8.47	8.24	12.8	2.412	105.8
626	5/31/2013 2:00:50	16.37	50.14	32.89	8.52	8.22	12.2	2.476	106.2
627	5/31/2013 2:15:50	16.00	50.18	32.92	8.52	8.18	12.5	2.542	105.5
628	5/31/2013 2:30:50	15.73	50.20	32.93	8.43	8.16	12.2	2.602	103.8
629	5/31/2013 2:45:50	15.50	50.21	32.93	8.39	8.14	9.9	2.663	102.8
630	5/31/2013 3:00:50	15.15	50.24	32.94	8.47	8.12	9.8	2.725	103.1
631	5/31/2013 3:15:50	14.81	50.26	32.95	8.49	8.10	8.9	2.780	102.7
632	5/31/2013 3:30:50	14.68	50.27	32.95	8.52	8.09	8.0	2.838	102.8
633	5/31/2013 3:45:50	14.67	50.27	32.95	8.51	8.09	7.8	2.900	102.6
634	5/31/2013 4:00:50	14.65	50.28	32.96	8.49	8.09	8.2	2.948	102.3
635	5/31/2013 4:15:50	14.56	50.27	32.94	8.51	8.09	8.1	3.008	102.3

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	5/31/2013 4:30:50	14.34	50.28	32.95	8.52	8.08	8.3	3.062	102.0
637	5/31/2013 4:45:50	14.15	50.29	32.95	8.52	8.07	7.8	3.106	101.7
638	5/31/2013 5:00:50	13.99	50.28	32.94	8.52	8.06	7.8	3.151	101.3
639	5/31/2013 5:15:50	13.93	50.30	32.95	8.48	8.06	5.8	3.176	100.7
640	5/31/2013 5:30:50	14.74	50.25	32.94	7.99	8.12	11.2	3.200	96.5
641	5/31/2013 5:45:50	14.10	50.40	33.03	8.08	8.05	6.8	3.197	96.3
642	5/31/2013 6:00:50	14.11	50.24	32.91	8.11	8.06	7.7	3.180	96.6
643	5/31/2013 6:15:50	14.11	50.29	32.95	8.05	8.06	10.0	3.150	96.0
644	5/31/2013 6:30:50	13.96	50.29	32.94	8.21	8.05	11.7	3.083	97.6
645	5/31/2013 6:45:50	14.45	50.26	32.94	8.17	8.08	12.1	3.031	98.1
646	5/31/2013 7:00:50	14.37	50.28	32.95	8.29	8.08	10.7	2.944	99.3
647	5/31/2013 7:15:50	14.57	50.27	32.95	8.26	8.09	13.1	2.846	99.4
648	5/31/2013 7:30:50	14.87	50.26	32.95	8.10	8.10	15.0	2.769	98.0
649	5/31/2013 7:45:50	15.06	50.25	32.95	7.94	8.11	14.7	2.676	96.5
650	5/31/2013 8:00:50	15.13	50.26	32.96	7.99	8.11	13.1	2.576	97.2
651	5/31/2013 8:15:50	15.20	50.24	32.94	8.02	8.11	13.7	2.477	97.7
652	5/31/2013 8:30:50	15.25	50.27	32.96	8.08	8.13	13.7	2.381	98.5
653	5/31/2013 8:45:50	15.30	50.25	32.95	8.43	8.15	13.3	2.283	102.9
654	5/31/2013 9:00:50	15.34	50.26	32.96	8.80	8.17	13.5	2.173	107.5
655	5/31/2013 9:15:50	15.63	50.23	32.94	8.73	8.17	14.5	2.059	107.3
656	5/31/2013 9:30:50	15.85	50.23	32.95	8.62	8.19	14.8	1.964	106.3
657	5/31/2013 9:45:50	16.00	50.22	32.95	8.59	8.20	14.1	1.851	106.4
658	5/31/2013 10:00:50	16.07	50.22	32.94	8.56	8.20	12.8	1.745	106.1
659	5/31/2013 10:15:50	16.13	50.21	32.94	8.47	8.20	11.4	1.659	105.1
660	5/31/2013 10:30:50	16.21	50.21	32.94	8.53	8.21	11.4	1.590	106.0
661	5/31/2013 10:45:50	16.27	50.19	32.93	8.50	8.21	10.9	1.512	105.7
662	5/31/2013 11:00:50	16.34	50.20	32.93	8.52	8.22	10.6	1.449	106.2
663	5/31/2013 11:15:50	16.41	50.19	32.93	8.59	8.22	11.7	1.437	107.1
664	5/31/2013 11:30:50	16.47	50.20	32.94	8.71	8.22	11.9	1.399	108.8
665	5/31/2013 11:45:50	16.45	50.20	32.94	8.78	8.23	10.9	1.399	109.7
666	5/31/2013 12:00:50	16.49	50.19	32.93	8.95	8.23	10.2	1.420	111.8
667	5/31/2013 12:15:50	16.49	50.18	32.92	8.68	8.23	9.8	1.443	108.5
668	5/31/2013 12:30:50	16.53	50.19	32.93	8.58	8.23	10.9	1.494	107.3
669	5/31/2013 12:45:50	16.52	50.19	32.93	8.49	8.23	10.6	1.545	106.1
670	5/31/2013 13:00:50	16.56	50.20	32.94	8.42	8.24	11.1	1.608	105.4
671	5/31/2013 13:15:50	16.53	50.19	32.93	8.39	8.23	11.5	1.683	104.9
672	5/31/2013 13:30:50	16.50	50.17	32.92	8.37	8.22	11.6	1.748	104.6
673	5/31/2013 13:45:50	16.63	50.17	32.92	8.40	8.23	10.6	1.831	105.2
674	5/31/2013 14:00:50	16.75	50.04	32.82	8.32	8.23	11.3	1.920	104.5
675	5/31/2013 14:15:50	16.54	50.16	32.91	8.40	8.21	10.0	2.000	105.0
676	5/31/2013 14:30:50	16.40	50.17	32.91	8.26	8.20	11.0	2.094	103.0
677	5/31/2013 14:45:50	16.27	50.15	32.90	8.01	8.19	11.4	2.188	99.7
678	5/31/2013 15:00:50	16.03	50.18	32.91	8.13	8.17	12.2	2.275	100.6
679	5/31/2013 15:15:50	15.93	50.19	32.92	8.32	8.16	12.1	2.370	102.9
680	5/31/2013 15:30:50	15.84	50.21	32.93	8.39	8.15	11.7	2.460	103.6
681	5/31/2013 15:45:50	15.76	50.22	32.94	8.44	8.15	11.3	2.543	104.0
682	5/31/2013 16:00:50	15.73	50.23	32.95	8.46	8.14	11.3	2.638	104.2
683	5/31/2013 16:15:50	15.56	50.24	32.95	8.46	8.13	12.6	2.722	103.8
684	5/31/2013 16:30:50	15.41	50.24	32.95	8.48	8.12	13.1	2.791	103.8
685	5/31/2013 16:45:50	15.37	50.25	32.96	8.60	8.12	13.3	2.878	105.2
686	5/31/2013 17:00:50	15.16	50.32	33.00	8.67	8.11	15.0	2.957	105.6
687	5/31/2013 17:15:50	14.84	50.19	32.89	8.71	8.10	17.0	3.026	105.4
688	5/31/2013 17:30:50	14.56	50.15	32.86	8.79	8.09	16.7	3.092	105.7

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
689	5/31/2013 17:45:50	14.26	50.18	32.87	8.81	8.07	17.0	3.165	105.3
690	5/31/2013 18:00:50	13.90	50.22	32.89	8.96	8.06	14.1	3.227	106.3
691	5/31/2013 18:15:50	13.76	50.23	32.89	9.03	8.06	10.3	3.286	106.8
692	5/31/2013 18:30:50	13.68	50.25	32.90	9.07	8.06	9.0	3.332	107.1
693	5/31/2013 18:45:50	13.64	50.26	32.91	9.07	8.06	8.3	3.367	107.1
694	5/31/2013 19:00:50	13.92	50.20	32.88	8.92	8.07	9.2	3.389	105.9
695	5/31/2013 19:15:50	13.66	50.27	32.92	8.76	8.05	6.4	3.379	103.5
696	5/31/2013 19:30:50	13.73	50.24	32.90	8.83	8.06	7.2	3.368	104.4
697	5/31/2013 19:45:50	13.79	50.28	32.93	9.06	8.08	17.3	3.319	107.3
698	5/31/2013 20:00:50	13.50	50.30	32.94	9.08	8.08	20.2	3.260	107.0
699	5/31/2013 20:15:50	13.45	50.32	32.95	9.02	8.07	24.0	3.190	106.1
700	5/31/2013 20:30:50	13.52	50.32	32.95	8.96	8.07	23.4	3.107	105.5
701	5/31/2013 20:45:50	13.60	50.31	32.95	8.89	8.07	24.8	3.013	104.9
702	5/31/2013 21:00:50	14.02	50.21	32.89	8.75	8.08	26.9	2.940	104.1
703	5/31/2013 21:15:50	13.91	50.27	32.93	8.72	8.09	20.5	2.847	103.6
704	5/31/2013 21:30:50	14.22	50.20	32.89	8.63	8.10	19.7	2.750	103.1
705	5/31/2013 21:45:50	14.65	50.34	33.00	8.56	8.12	21.9	2.678	103.2
706	5/31/2013 22:00:50	15.07	50.31	32.99	8.43	8.13	23.6	2.589	102.5
707	5/31/2013 22:15:50	15.26	50.26	32.96	8.42	8.14	20.0	2.497	102.7
708	5/31/2013 22:30:50	15.71	50.22	32.94	8.45	8.18	18.9	2.405	104.0
709	5/31/2013 22:45:50	15.53	50.28	32.98	8.37	8.18	20.6	2.318	102.7
710	5/31/2013 23:00:50	16.00	50.26	32.97	8.48	8.22	18.9	2.242	105.1
711	5/31/2013 23:15:50	15.89	50.26	32.97	8.35	8.22	16.9	2.153	103.1
712	5/31/2013 23:30:50	16.26	50.26	32.98	8.41	8.24	16.5	2.082	104.6
713	5/31/2013 23:45:50	16.38	50.26	32.98	8.36	8.25	15.9	2.015	104.3
714	6/1/2013 0:00:50	16.78	50.22	32.96	8.27	8.29	17.0	1.954	104.0
715	6/1/2013 0:15:50	17.05	50.22	32.96	8.26	8.31	17.3	1.920	104.4
716	6/1/2013 0:30:50	17.17	50.20	32.95	8.18	8.32	17.8	1.878	103.6
717	6/1/2013 0:45:50	17.21	50.19	32.94	8.14	8.32	19.0	1.872	103.2
718	6/1/2013 1:00:50	17.19	50.18	32.93	8.08	8.32	16.4	1.880	102.4
719	6/1/2013 1:15:50	17.09	50.21	32.95	8.15	8.31	17.4	1.904	103.0
720	6/1/2013 1:30:50	17.03	50.20	32.94	8.15	8.31	16.8	1.930	102.9
721	6/1/2013 1:45:50	16.97	50.20	32.94	8.12	8.29	17.1	1.966	102.5
722	6/1/2013 2:00:50	16.95	50.20	32.94	8.08	8.29	17.0	2.042	101.9
723	6/1/2013 2:15:50	16.87	50.21	32.95	8.06	8.28	16.2	2.094	101.5
724	6/1/2013 2:30:50	16.78	50.03	32.82	8.03	8.27	18.1	2.141	100.9
725	6/1/2013 2:45:50	16.73	49.98	32.78	8.01	8.26	16.2	2.212	100.5
726	6/1/2013 3:00:50	16.67	50.05	32.83	7.94	8.25	14.5	2.266	99.6
727	6/1/2013 3:15:50	16.59	50.12	32.88	7.99	8.24	14.7	2.321	100.0
728	6/1/2013 3:30:50	16.52	50.14	32.89	8.01	8.23	13.9	2.378	100.2
729	6/1/2013 3:45:50	16.24	50.18	32.92	8.03	8.20	13.9	2.427	99.8
730	6/1/2013 4:00:50	15.97	50.20	32.93	8.01	8.17	12.5	2.494	99.0
731	6/1/2013 4:15:50	15.76	50.22	32.94	8.03	8.15	11.8	2.552	99.0
732	6/1/2013 4:30:50	15.53	50.23	32.94	8.15	8.14	11.2	2.597	99.9
733	6/1/2013 4:45:50	15.28	50.26	32.96	8.22	8.13	10.1	2.659	100.3
734	6/1/2013 5:00:50	15.15	50.27	32.96	8.27	8.12	9.6	2.707	100.7
735	6/1/2013 5:15:50	15.07	50.27	32.96	8.28	8.11	8.9	2.762	100.6
736	6/1/2013 5:30:50	15.03	50.27	32.96	8.27	8.11	9.5	2.812	100.5
737	6/1/2013 5:45:50	14.93	50.27	32.96	8.29	8.11	9.8	2.848	100.4
738	6/1/2013 6:00:50	14.82	50.28	32.96	8.28	8.10	8.9	2.896	100.2
739	6/1/2013 6:15:50	14.67	50.28	32.96	8.27	8.09	8.5	2.928	99.7
740	6/1/2013 6:30:50	14.60	50.27	32.95	8.24	8.09	7.9	2.955	99.3
741	6/1/2013 6:45:50	15.00	50.08	32.82	8.00	8.11	9.2	2.969	97.1

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
742	6/1/2013 7:00:50	14.76	50.35	33.01	7.85	8.08	11.6	2.970	94.8
743	6/1/2013 7:15:50	14.73	50.27	32.95	7.71	8.07	8.9	2.961	93.1
744	6/1/2013 7:30:50	14.50	50.29	32.96	7.96	8.07	8.1	2.938	95.7
745	6/1/2013 7:45:50	14.64	50.27	32.95	7.93	8.08	9.4	2.894	95.6
746	6/1/2013 8:00:50	15.33	50.25	32.95	7.93	8.13	13.1	2.829	96.9
747	6/1/2013 8:15:50	15.24	50.28	32.97	7.83	8.14	13.6	2.766	95.5
748	6/1/2013 8:30:50	15.25	50.26	32.96	8.05	8.13	13.1	2.706	98.2
749	6/1/2013 8:45:50	15.21	50.26	32.96	8.11	8.13	14.6	2.610	98.9
750	6/1/2013 9:00:50	15.34	50.27	32.97	8.08	8.14	14.5	2.520	98.7
751	6/1/2013 9:15:50	15.52	50.26	32.97	7.99	8.16	13.7	2.440	98.0
752	6/1/2013 9:30:50	15.65	50.26	32.96	7.70	8.16	14.2	2.354	94.7
753	6/1/2013 9:45:50	15.83	50.26	32.97	7.88	8.18	14.2	2.258	97.2
754	6/1/2013 10:00:50	15.85	50.26	32.97	8.30	8.19	11.7	2.175	102.4
755	6/1/2013 10:15:50	15.96	50.26	32.97	8.21	8.20	12.6	2.086	101.6
756	6/1/2013 10:30:50	16.10	50.24	32.96	8.39	8.20	11.9	2.007	104.1
757	6/1/2013 10:45:50	16.20	50.24	32.96	8.39	8.21	11.4	1.925	104.3
758	6/1/2013 11:00:50	16.32	50.23	32.96	8.81	8.22	10.8	1.838	109.7
759	6/1/2013 11:15:50	16.40	50.24	32.97	8.41	8.22	9.8	1.787	105.0
760	6/1/2013 11:30:50	16.54	50.23	32.96	8.37	8.23	10.7	1.713	104.7
761	6/1/2013 11:45:50	16.52	50.23	32.96	8.29	8.23	9.3	1.647	103.6
762	6/1/2013 12:00:50	16.66	50.23	32.96	8.60	8.24	10.9	1.625	107.8
763	6/1/2013 12:15:50	16.81	50.22	32.96	8.52	8.25	10.3	1.601	107.1
764	6/1/2013 12:30:50	16.85	50.22	32.95	8.60	8.26	10.2	1.578	108.3
765	6/1/2013 12:45:50	16.84	50.25	32.98	9.22	8.25	9.7	1.579	116.1
766	6/1/2013 13:00:50	16.73	50.20	32.94	8.55	8.25	10.4	1.601	107.3
767	6/1/2013 13:15:50	16.72	50.21	32.95	8.68	8.25	10.1	1.621	108.9
768	6/1/2013 13:30:50	16.80	50.21	32.95	8.71	8.25	11.1	1.659	109.6
769	6/1/2013 13:45:50	16.77	50.20	32.94	8.33	8.26	10.8	1.715	104.6
770	6/1/2013 14:00:50	16.76	50.20	32.94	8.40	8.24	12.5	1.776	105.5
771	6/1/2013 14:15:50	16.65	50.20	32.94	8.19	8.23	12.8	1.847	102.7
772	6/1/2013 14:30:50	16.82	50.16	32.91	8.21	8.24	12.3	1.912	103.2
773	6/1/2013 14:45:50	16.69	50.19	32.93	8.03	8.23	12.0	1.998	100.7
774	6/1/2013 15:00:50	16.60	50.16	32.91	7.88	8.22	12.0	2.074	98.7
775	6/1/2013 15:15:50	16.56	50.17	32.92	7.93	8.22	11.6	2.145	99.3
776	6/1/2013 15:30:50	16.44	50.17	32.91	7.86	8.21	13.0	2.232	98.1
777	6/1/2013 15:45:50	16.18	50.16	32.90	7.93	8.18	13.7	2.313	98.5
778	6/1/2013 16:00:50	15.88	50.18	32.91	8.13	8.16	13.3	2.397	100.4
779	6/1/2013 16:15:50	15.88	50.19	32.92	8.27	8.16	13.4	2.479	102.1
780	6/1/2013 16:30:50	15.77	50.21	32.93	8.35	8.15	12.9	2.564	102.9
781	6/1/2013 16:45:50	15.68	50.22	32.94	8.38	8.15	13.0	2.647	103.1
782	6/1/2013 17:00:50	15.66	50.23	32.94	8.44	8.15	12.5	2.727	103.8
783	6/1/2013 17:15:50	15.55	50.23	32.94	8.47	8.14	13.7	2.804	104.0
784	6/1/2013 17:30:50	15.46	50.22	32.93	8.59	8.14	14.0	2.879	105.2
785	6/1/2013 17:45:50	15.24	50.21	32.92	8.76	8.13	15.8	2.963	106.9
786	6/1/2013 18:00:50	14.80	50.16	32.87	8.88	8.10	16.1	3.036	107.3
787	6/1/2013 18:15:50	14.64	50.15	32.86	9.02	8.10	17.3	3.105	108.7
788	6/1/2013 18:30:50	14.08	50.22	32.90	9.03	8.08	16.9	3.180	107.6
789	6/1/2013 18:45:50	13.63	50.29	32.93	9.03	8.06	13.1	3.249	106.6
790	6/1/2013 19:00:50	13.34	50.34	32.96	9.03	8.05	11.0	3.309	106.0
791	6/1/2013 19:15:50	13.25	50.34	32.96	9.06	8.05	10.1	3.361	106.1
792	6/1/2013 19:30:50	13.17	50.38	32.98	9.07	8.05	6.7	3.405	106.1
793	6/1/2013 19:45:50	13.15	50.39	32.99	9.03	8.05	5.9	3.425	105.6
794	6/1/2013 20:00:50	13.19	50.42	33.01	8.79	8.04	7.5	3.422	102.9

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	6/1/2013 20:15:50	13.18	50.38	32.98	8.78	8.04	7.0	3.412	102.8
796	6/1/2013 20:30:50	13.29	50.37	32.98	8.83	8.05	9.3	3.376	103.6
797	6/1/2013 20:45:50	13.52	50.36	32.98	8.88	8.07	20.2	3.315	104.6
798	6/1/2013 21:00:50	13.46	50.39	33.00	8.87	8.07	28.0	3.239	104.4
799	6/1/2013 21:15:50	13.50	50.38	32.99	8.84	8.06	29.7	3.163	104.1
800	6/1/2013 21:30:50	13.53	50.36	32.98	8.78	8.06	41.1	3.082	103.4
801	6/1/2013 21:45:50	13.43	50.37	32.99	8.77	8.06	27.4	2.988	103.1
802	6/1/2013 22:00:50	13.78	50.29	32.94	8.68	8.08	26.4	2.890	102.8
803	6/1/2013 22:15:50	14.28	50.28	32.95	8.58	8.10	27.1	2.806	102.7
804	6/1/2013 22:30:50	15.06	50.21	32.92	8.41	8.14	25.2	2.723	102.2
805	6/1/2013 22:45:50	15.02	50.26	32.95	8.39	8.13	28.7	2.630	101.9
806	6/1/2013 23:00:50	15.19	50.21	32.92	8.32	8.14	26.0	2.536	101.4
807	6/1/2013 23:15:50	15.48	50.15	32.88	8.23	8.15	24.8	2.444	100.8
808	6/1/2013 23:30:50	15.63	50.26	32.97	8.33	8.17	24.4	2.350	102.4
809	6/1/2013 23:45:50	15.69	50.28	32.98	8.22	8.18	22.9	2.257	101.2
810	6/2/2013 0:00:50	16.11	50.26	32.98	8.30	8.22	24.8	2.157	103.0
811	6/2/2013 0:15:50	16.21	50.28	32.99	8.23	8.22	21.1	2.062	102.3
812	6/2/2013 0:30:50	16.22	50.28	32.99	8.16	8.22	21.3	1.996	101.5
813	6/2/2013 0:45:50	16.29	50.29	33.00	8.08	8.23	19.8	1.911	100.6
814	6/2/2013 1:00:50	16.26	50.29	33.00	8.00	8.23	21.0	1.832	99.6
815	6/2/2013 1:15:50	16.44	50.29	33.00	8.00	8.24	18.5	1.796	99.9
816	6/2/2013 1:30:50	16.69	50.26	32.98	8.03	8.26	17.8	1.772	100.7
817	6/2/2013 1:45:50	16.83	50.26	32.98	8.04	8.28	18.1	1.730	101.2
818	6/2/2013 2:00:50	17.03	50.22	32.96	8.03	8.30	18.4	1.731	101.4
819	6/2/2013 2:15:50	16.86	50.33	33.04	7.87	8.28	14.2	1.751	99.2
820	6/2/2013 2:30:50	16.97	50.25	32.98	8.02	8.29	15.2	1.765	101.1
821	6/2/2013 2:45:50	16.74	50.25	32.98	7.95	8.27	14.9	1.794	99.9
822	6/2/2013 3:00:50	16.99	50.23	32.97	7.94	8.29	16.9	1.840	100.2
823	6/2/2013 3:15:50	16.97	50.23	32.97	7.94	8.29	16.9	1.899	100.2
824	6/2/2013 3:30:50	16.94	50.23	32.96	7.92	8.28	17.1	1.951	99.9
825	6/2/2013 3:45:50	16.84	50.20	32.94	7.86	8.27	17.8	2.012	98.8
826	6/2/2013 4:00:50	16.82	50.16	32.91	7.82	8.27	16.4	2.075	98.3
827	6/2/2013 4:15:50	16.75	50.16	32.91	7.74	8.26	15.6	2.133	97.2
828	6/2/2013 4:30:50	16.66	50.16	32.91	7.78	8.25	15.7	2.185	97.5
829	6/2/2013 4:45:50	16.55	50.18	32.92	7.81	8.24	14.4	2.251	97.7
830	6/2/2013 5:00:50	16.45	50.18	32.92	7.82	8.23	13.3	2.316	97.7
831	6/2/2013 5:15:50	16.12	50.20	32.93	7.87	8.19	13.6	2.364	97.7
832	6/2/2013 5:30:50	15.98	50.21	32.93	7.90	8.18	12.6	2.432	97.7
833	6/2/2013 5:45:50	15.80	50.23	32.95	7.96	8.17	12.8	2.495	98.2
834	6/2/2013 6:00:50	15.55	50.23	32.94	8.04	8.15	13.0	2.541	98.7
835	6/2/2013 6:15:50	15.44	50.24	32.95	8.05	8.14	11.9	2.594	98.5
836	6/2/2013 6:30:50	15.35	50.25	32.95	8.09	8.14	12.0	2.651	98.9
837	6/2/2013 6:45:50	15.32	50.24	32.95	8.09	8.14	11.1	2.701	98.8
838	6/2/2013 7:00:50	15.28	50.24	32.94	8.06	8.13	11.4	2.744	98.3
839	6/2/2013 7:15:50	15.14	50.25	32.95	8.10	8.12	11.9	2.777	98.6
840	6/2/2013 7:30:50	15.01	50.25	32.94	8.10	8.12	9.3	2.810	98.3
841	6/2/2013 7:45:50	14.91	50.25	32.94	8.07	8.11	8.5	2.848	97.8
842	6/2/2013 8:00:50	14.88	50.25	32.94	8.05	8.11	7.6	2.859	97.4
843	6/2/2013 8:15:50	15.06	50.22	32.92	7.74	8.12	14.4	2.870	94.0
844	6/2/2013 8:30:50	14.88	50.25	32.94	7.63	8.09	11.8	2.861	92.4
845	6/2/2013 8:45:50	14.90	50.14	32.86	7.43	8.14	20.0	2.843	89.9
846	6/2/2013 9:00:50	15.11	50.18	32.90	7.95	8.15	17.2	2.831	96.7
847	6/2/2013 9:15:50	15.23	50.23	32.93	7.92	8.14	15.4	2.780	96.6

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
848	6/2/2013 9:30:50	15.29	50.24	32.94	8.19	8.16	14.9	2.715	99.9
849	6/2/2013 9:45:50	15.33	50.23	32.94	8.23	8.15	15.8	2.658	100.5
850	6/2/2013 10:00:50	15.36	50.23	32.94	8.33	8.15	14.7	2.595	101.8
851	6/2/2013 10:15:50	15.40	50.23	32.94	8.37	8.16	14.6	2.520	102.5
852	6/2/2013 10:30:50	15.45	50.23	32.94	8.52	8.17	14.1	2.432	104.3
853	6/2/2013 10:45:50	15.52	50.22	32.93	8.48	8.18	12.8	2.364	104.0
854	6/2/2013 11:00:50	15.60	50.20	32.92	8.65	8.19	14.2	2.284	106.2
855	6/2/2013 11:15:50	15.73	50.22	32.94	8.64	8.20	13.8	2.208	106.4
856	6/2/2013 11:30:50	15.86	50.22	32.94	8.58	8.20	12.8	2.141	105.9
857	6/2/2013 11:45:50	16.00	50.20	32.93	8.77	8.21	13.7	2.052	108.6
858	6/2/2013 12:00:50	16.10	50.21	32.94	8.41	8.20	12.7	2.004	104.4
859	6/2/2013 12:15:50	16.20	50.20	32.93	8.20	8.20	12.5	1.947	101.9
860	6/2/2013 12:30:50	16.27	50.20	32.94	8.26	8.20	13.9	1.887	102.7
861	6/2/2013 12:45:50	16.43	50.20	32.93	8.29	8.22	13.3	1.830	103.4
862	6/2/2013 13:00:50	16.53	50.21	32.94	8.25	8.22	13.0	1.811	103.2
863	6/2/2013 13:15:50	16.65	50.19	32.93	8.58	8.25	15.0	1.785	107.6
864	6/2/2013 13:30:50	16.71	50.20	32.94	8.42	8.26	11.7	1.760	105.7
865	6/2/2013 13:45:50	16.68	50.19	32.93	8.66	8.25	11.4	1.763	108.6
866	6/2/2013 14:00:50	16.73	50.18	32.93	8.53	8.26	10.9	1.776	107.1
867	6/2/2013 14:15:50	16.67	50.21	32.94	8.37	8.25	12.3	1.810	105.0
868	6/2/2013 14:30:50	16.85	50.17	32.92	8.35	8.26	13.2	1.835	105.1
869	6/2/2013 14:45:50	16.74	50.17	32.92	8.04	8.26	13.8	1.887	101.0
870	6/2/2013 15:00:50	16.73	50.17	32.92	8.11	8.25	14.5	1.950	101.8
871	6/2/2013 15:15:50	16.54	50.19	32.93	8.03	8.22	14.2	2.005	100.5
872	6/2/2013 15:30:50	16.75	50.18	32.93	8.19	8.24	14.4	2.078	102.9
873	6/2/2013 15:45:50	16.55	50.18	32.92	7.95	8.22	13.3	2.141	99.4
874	6/2/2013 16:00:50	16.51	50.18	32.93	7.91	8.22	13.1	2.211	98.9
875	6/2/2013 16:15:50	16.41	50.18	32.92	7.89	8.21	15.1	2.291	98.5
876	6/2/2013 16:30:50	16.18	50.16	32.90	7.82	8.19	15.6	2.360	97.2
877	6/2/2013 16:45:50	16.00	50.18	32.92	8.04	8.17	15.3	2.437	99.5
878	6/2/2013 17:00:50	15.86	50.19	32.92	8.17	8.16	15.6	2.508	100.9
879	6/2/2013 17:15:50	15.74	50.19	32.92	8.35	8.16	16.4	2.600	102.8
880	6/2/2013 17:30:50	15.54	50.21	32.93	8.32	8.15	16.2	2.670	102.1
881	6/2/2013 17:45:50	15.46	50.21	32.92	8.41	8.14	16.2	2.732	102.9
882	6/2/2013 18:00:50	15.26	50.22	32.93	8.43	8.13	15.4	2.818	102.9
883	6/2/2013 18:15:50	15.08	50.23	32.93	8.49	8.12	17.5	2.905	103.1
884	6/2/2013 18:30:50	14.65	50.25	32.94	8.46	8.10	17.7	2.976	102.0
885	6/2/2013 18:45:50	14.52	50.25	32.93	8.51	8.09	20.2	3.055	102.3
886	6/2/2013 19:00:50	14.26	50.24	32.92	8.68	8.08	16.1	3.137	103.8
887	6/2/2013 19:15:50	14.10	50.27	32.93	8.76	8.08	15.6	3.220	104.5
888	6/2/2013 19:30:50	13.56	50.34	32.97	8.60	8.04	15.7	3.273	101.4
889	6/2/2013 19:45:50	13.24	50.39	32.99	8.53	8.03	11.0	3.338	99.9
890	6/2/2013 20:00:50	12.97	50.44	33.02	8.49	8.01	9.9	3.385	98.9
891	6/2/2013 20:15:50	12.81	50.49	33.05	8.46	8.00	6.5	3.416	98.3
892	6/2/2013 20:30:50	12.73	50.50	33.05	8.28	8.00	7.7	3.441	96.0
893	6/2/2013 20:45:50	12.96	50.56	33.10	8.36	8.01	8.7	3.440	97.5
894	6/2/2013 21:00:50	12.76	50.47	33.03	8.14	7.99	6.7	3.432	94.5
895	6/2/2013 21:15:50	13.24	50.40	33.00	8.36	8.04	21.7	3.398	97.9
896	6/2/2013 21:30:50	12.81	50.46	33.03	8.36	8.01	21.9	3.352	97.1
897	6/2/2013 21:45:50	12.67	50.49	33.04	8.34	8.00	27.3	3.270	96.6
898	6/2/2013 22:00:50	12.66	50.56	33.09	8.34	8.01	19.6	3.191	96.6
899	6/2/2013 22:15:50	13.76	50.51	33.10	8.38	8.07	18.0	3.128	99.2
900	6/2/2013 22:30:50	13.28	50.57	33.13	8.43	8.06	15.0	3.040	99.0

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
901	6/2/2013 22:45:50	13.83	50.48	33.08	8.34	8.09	14.2	2.921	99.0
902	6/2/2013 23:00:50	13.85	50.42	33.04	8.34	8.08	13.2	2.857	98.9
903	6/2/2013 23:15:50	13.75	50.49	33.08	8.33	8.07	12.8	2.756	98.6
904	6/2/2013 23:30:50	14.19	50.27	32.94	8.21	8.09	13.8	2.672	98.1
905	6/2/2013 23:45:50	14.58	50.30	32.97	8.15	8.12	14.8	2.581	98.1
906	6/3/2013 0:00:50	14.74	50.35	33.01	8.13	8.13	15.0	2.498	98.2
907	6/3/2013 0:15:50	14.38	50.37	33.02	8.18	8.11	14.1	2.395	98.1
908	6/3/2013 0:30:50	14.87	50.40	33.05	8.17	8.14	16.6	2.285	99.0
909	6/3/2013 0:45:50	15.36	50.39	33.05	8.15	8.18	18.3	2.185	99.6
910	6/3/2013 1:00:50	15.58	50.36	33.04	8.12	8.20	19.5	2.079	99.8
911	6/3/2013 1:15:50	15.37	50.39	33.05	8.09	8.19	17.2	1.984	99.0
912	6/3/2013 1:30:50	15.72	50.19	32.92	7.94	8.21	17.4	1.882	97.7
913	6/3/2013 1:45:50	15.83	50.35	33.04	7.97	8.22	17.1	1.784	98.5
914	6/3/2013 2:00:50	16.12	50.34	33.04	7.91	8.24	17.0	1.695	98.2
915	6/3/2013 2:15:50	16.47	50.36	33.06	7.94	8.27	17.1	1.642	99.2
916	6/3/2013 2:30:50	16.58	50.36	33.06	7.91	8.28	16.7	1.607	99.2
917	6/3/2013 2:45:50	16.69	50.35	33.05	7.90	8.28	15.8	1.551	99.2
918	6/3/2013 3:00:50	16.85	50.34	33.04	7.90	8.30	17.0	1.549	99.5
919	6/3/2013 3:15:50	16.78	50.39	33.08	7.76	8.29	14.0	1.560	97.6
920	6/3/2013 3:30:50	16.90	50.33	33.04	7.88	8.31	13.8	1.541	99.4
921	6/3/2013 3:45:50	16.82	50.33	33.04	7.87	8.30	14.5	1.596	99.1
922	6/3/2013 4:00:50	16.72	50.34	33.04	7.83	8.29	14.5	1.645	98.3
923	6/3/2013 4:15:50	16.72	50.32	33.03	7.79	8.28	15.6	1.694	97.8
924	6/3/2013 4:30:50	16.67	50.33	33.03	7.78	8.28	15.5	1.762	97.6
925	6/3/2013 4:45:50	16.52	50.10	32.87	7.73	8.27	16.4	1.826	96.6
926	6/3/2013 5:00:50	16.50	50.05	32.83	7.65	8.26	17.1	1.896	95.5
927	6/3/2013 5:15:50	16.48	50.09	32.85	7.60	8.26	15.8	1.951	95.0
928	6/3/2013 5:30:50	16.42	50.12	32.88	7.57	8.25	15.7	2.025	94.5
929	6/3/2013 5:45:50	16.31	50.17	32.91	7.67	8.24	15.1	2.100	95.5
930	6/3/2013 6:00:50	16.20	50.22	32.95	7.66	8.22	15.2	2.157	95.1
931	6/3/2013 6:15:50	16.05	50.22	32.94	7.66	8.20	13.9	2.220	94.9
932	6/3/2013 6:30:50	15.77	50.26	32.97	7.72	8.17	13.2	2.279	95.2
933	6/3/2013 6:45:50	15.54	50.28	32.98	7.77	8.15	13.3	2.343	95.4
934	6/3/2013 7:00:50	15.39	50.29	32.98	7.80	8.14	12.2	2.414	95.4
935	6/3/2013 7:15:50	15.35	50.29	32.99	7.80	8.14	12.4	2.472	95.3
936	6/3/2013 7:30:50	15.26	50.31	32.99	7.82	8.13	12.3	2.531	95.5
937	6/3/2013 7:45:50	15.17	50.31	32.99	7.88	8.13	11.7	2.592	96.0
938	6/3/2013 8:00:50	15.07	50.31	32.99	7.91	8.13	11.5	2.640	96.2
939	6/3/2013 8:15:50	15.01	50.28	32.97	7.93	8.12	11.0	2.702	96.3
940	6/3/2013 8:30:50	14.79	50.26	32.95	7.93	8.11	11.4	2.733	95.9
941	6/3/2013 8:45:50	14.75	50.26	32.94	7.90	8.10	11.2	2.774	95.4
942	6/3/2013 9:00:50	14.67	50.26	32.95	7.89	8.10	10.1	2.812	95.1
943	6/3/2013 9:15:50	14.60	50.29	32.97	7.89	8.09	7.6	2.825	95.0
944	6/3/2013 9:30:50	15.05	50.04	32.79	7.82	8.12	11.1	2.834	94.9
945	6/3/2013 9:45:50	14.71	50.36	33.02	7.52	8.08	9.8	2.845	90.8
946	6/3/2013 10:00:50	14.63	50.30	32.97	7.49	8.07	10.0	2.847	90.2
947	6/3/2013 10:15:50	14.53	50.31	32.98	7.54	8.07	12.0	2.794	90.7
948	6/3/2013 10:30:50	14.62	50.28	32.95	7.55	8.08	10.1	2.756	91.0
949	6/3/2013 10:45:50	14.89	50.23	32.93	7.69	8.10	11.2	2.729	93.1
950	6/3/2013 11:00:50	15.05	50.26	32.95	7.95	8.13	11.7	2.670	96.6
951	6/3/2013 11:15:50	15.15	50.26	32.95	8.07	8.13	12.9	2.599	98.2
952	6/3/2013 11:30:50	15.27	50.24	32.95	8.13	8.14	13.5	2.523	99.2
953	6/3/2013 11:45:50	15.49	50.22	32.94	8.13	8.15	13.0	2.471	99.7

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
954	6/3/2013 12:00:50	15.61	50.29	32.99	8.10	8.16	11.9	2.408	99.5
955	6/3/2013 12:15:50	15.79	50.29	32.99	8.08	8.18	12.3	2.337	99.6
956	6/3/2013 12:30:50	15.93	50.27	32.98	8.10	8.18	12.5	2.246	100.1
957	6/3/2013 12:45:50	16.15	50.29	33.00	8.21	8.20	12.6	2.202	101.9
958	6/3/2013 13:00:50	16.36	50.26	32.98	8.30	8.21	11.5	2.140	103.5
959	6/3/2013 13:15:50	16.50	50.27	32.99	8.39	8.22	10.8	2.066	105.0
960	6/3/2013 13:30:50	16.60	50.26	32.98	8.45	8.22	10.4	2.015	105.8
961	6/3/2013 13:45:50	16.70	50.26	32.98	8.38	8.24	11.3	1.982	105.2
962	6/3/2013 14:00:50	16.76	50.25	32.98	8.66	8.25	11.0	1.940	108.8
963	6/3/2013 14:15:50	16.97	50.25	32.98	8.77	8.26	10.3	1.925	110.7
964	6/3/2013 14:30:50	17.04	50.26	32.99	8.71	8.25	10.6	1.916	110.1
965	6/3/2013 14:45:50	17.05	50.25	32.98	9.09	8.25	10.6	1.919	114.8
966	6/3/2013 15:00:50	16.86	50.25	32.98	8.62	8.25	11.0	1.953	108.5
967	6/3/2013 15:15:50	16.93	50.23	32.97	8.68	8.25	10.0	1.953	109.4
968	6/3/2013 15:30:50	16.91	50.25	32.98	8.68	8.25	10.9	1.991	109.4
969	6/3/2013 15:45:50	16.87	50.23	32.96	8.56	8.25	11.1	2.044	107.8
970	6/3/2013 16:00:50	16.79	50.22	32.96	8.68	8.25	11.4	2.104	109.1
971	6/3/2013 16:15:50	16.73	50.21	32.95	8.71	8.24	12.3	2.152	109.3
972	6/3/2013 16:30:50	17.14	50.19	32.94	9.20	8.27	11.0	2.221	116.4
973	6/3/2013 16:45:50	16.86	50.19	32.93	8.90	8.24	11.5	2.289	112.1
974	6/3/2013 17:00:50	16.56	50.22	32.95	8.78	8.21	10.6	2.345	109.9
975	6/3/2013 17:15:50	16.35	50.22	32.95	8.66	8.20	11.3	2.415	108.0
976	6/3/2013 17:30:50	16.06	50.22	32.95	8.37	8.18	12.9	2.495	103.7
977	6/3/2013 17:45:50	15.83	50.23	32.95	8.38	8.16	14.0	2.568	103.4
978	6/3/2013 18:00:50	15.47	50.24	32.95	8.36	8.13	12.8	2.640	102.4
979	6/3/2013 18:15:50	15.34	50.25	32.95	8.53	8.13	13.9	2.720	104.3
980	6/3/2013 18:30:50	15.08	50.27	32.96	8.55	8.12	13.6	2.799	103.9
981	6/3/2013 18:45:50	14.81	50.30	32.97	8.49	8.11	12.4	2.889	102.7
982	6/3/2013 19:00:50	14.62	50.31	32.98	8.56	8.10	13.2	2.965	103.1
983	6/3/2013 19:15:50	14.35	50.34	32.99	8.67	8.08	16.0	3.047	103.9
984	6/3/2013 19:30:50	14.11	50.35	33.00	8.73	8.06	15.6	3.133	104.1
985	6/3/2013 19:45:50	13.97	50.37	33.00	8.84	8.06	16.0	3.216	105.1
986	6/3/2013 20:00:50	13.54	50.45	33.05	8.79	8.03	13.5	3.290	103.7
987	6/3/2013 20:15:50	13.19	50.49	33.07	8.69	8.01	11.4	3.353	101.7
988	6/3/2013 20:30:50	12.61	50.57	33.10	8.59	7.97	11.6	3.420	99.4
989	6/3/2013 20:45:50	12.47	50.61	33.12	8.55	7.96	8.8	3.475	98.6
990	6/3/2013 21:00:50	12.26	50.67	33.15	8.52	7.94	6.7	3.506	97.9
991	6/3/2013 21:15:50	12.27	50.63	33.13	8.46	7.94	8.7	3.537	97.2
992	6/3/2013 21:30:50	12.69	50.59	33.12	8.45	7.97	8.1	3.550	97.9
993	6/3/2013 21:45:50	12.20	50.70	33.17	8.13	7.92	7.1	3.542	93.3
994	6/3/2013 22:00:50	12.16	50.66	33.14	8.23	7.92	7.2	3.510	94.4
995	6/3/2013 22:15:50	12.51	50.78	33.25	8.37	7.96	9.3	3.466	96.8
996	6/3/2013 22:30:50	13.43	50.47	33.06	8.40	8.03	10.3	3.400	98.8
997	6/3/2013 22:45:50	12.90	50.58	33.12	8.38	7.99	10.3	3.325	97.6
998	6/3/2013 23:00:50	13.68	50.55	33.13	8.59	8.06	9.8	3.263	101.7
999	6/3/2013 23:15:50	14.47	50.44	33.07	8.68	8.12	10.2	3.158	104.3
1000	6/3/2013 23:30:50	14.73	50.35	33.01	8.80	8.14	10.4	3.068	106.3
1001	6/3/2013 23:45:50	14.85	50.43	33.07	8.95	8.15	11.2	2.968	108.4
1002	6/4/2013 0:00:50	15.19	50.35	33.02	8.98	8.17	11.2	2.870	109.5
1003	6/4/2013 0:15:50	15.38	50.36	33.03	9.00	8.18	11.5	2.765	110.2
1004	6/4/2013 0:30:50	15.75	50.32	33.01	8.93	8.20	13.0	2.670	110.0
1005	6/4/2013 0:45:50	15.70	50.34	33.02	8.67	8.18	14.0	2.578	106.7
1006	6/4/2013 1:00:50	15.04	50.41	33.06	8.61	8.15	12.8	2.460	104.6

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1007	6/4/2013 1:15:50	15.38	50.38	33.05	8.77	8.19	12.5	2.340	107.4
1008	6/4/2013 1:30:50	15.38	50.39	33.06	8.77	8.20	12.3	2.236	107.3
1009	6/4/2013 1:45:50	16.05	50.33	33.03	8.97	8.26	13.4	2.136	111.1
1010	6/4/2013 2:00:50	15.87	50.39	33.06	8.95	8.24	12.6	2.016	110.5
1011	6/4/2013 2:15:50	15.79	50.37	33.05	8.88	8.23	13.5	1.915	109.5
1012	6/4/2013 2:30:50	16.12	50.42	33.09	8.89	8.27	13.2	1.824	110.4
1013	6/4/2013 2:45:50	16.50	50.38	33.07	8.98	8.28	12.3	1.725	112.4
1014	6/4/2013 3:00:50	16.83	50.36	33.06	9.13	8.32	12.4	1.644	114.9
1015	6/4/2013 3:15:50	17.09	50.36	33.06	9.19	8.33	12.8	1.576	116.3
1016	6/4/2013 3:30:50	17.34	50.33	33.04	9.29	8.36	12.2	1.530	118.2
1017	6/4/2013 3:45:50	17.43	50.33	33.04	9.33	8.36	11.5	1.499	118.8
1018	6/4/2013 4:00:50	17.43	50.33	33.04	9.30	8.37	10.8	1.508	118.5
1019	6/4/2013 4:15:50	17.30	50.37	33.07	9.08	8.35	10.0	1.496	115.4
1020	6/4/2013 4:30:50	17.27	50.35	33.06	9.19	8.35	10.8	1.544	116.7
1021	6/4/2013 4:45:50	17.23	50.33	33.04	9.11	8.34	10.6	1.582	115.6
1022	6/4/2013 5:00:50	17.17	50.33	33.04	9.12	8.33	10.6	1.637	115.6
1023	6/4/2013 5:15:50	17.12	50.32	33.03	9.14	8.33	10.1	1.708	115.7
1024	6/4/2013 5:30:50	17.21	50.11	32.88	9.02	8.33	13.1	1.771	114.3
1025	6/4/2013 5:45:50	17.14	50.17	32.92	8.95	8.32	11.5	1.852	113.3
1026	6/4/2013 6:00:50	17.15	50.10	32.88	8.90	8.31	11.2	1.937	112.6
1027	6/4/2013 6:15:50	17.09	50.02	32.81	8.84	8.31	10.8	1.987	111.7
1028	6/4/2013 6:30:50	16.98	50.13	32.89	8.84	8.30	11.1	2.057	111.4
1029	6/4/2013 6:45:50	16.86	50.18	32.92	8.81	8.29	11.2	2.141	110.9
1030	6/4/2013 7:00:50	16.55	50.22	32.95	8.67	8.26	10.5	2.205	108.5
1031	6/4/2013 7:15:50	16.21	50.25	32.97	8.50	8.22	10.5	2.272	105.7
1032	6/4/2013 7:30:50	15.94	50.28	32.99	8.39	8.19	9.8	2.354	103.8
1033	6/4/2013 7:45:50	15.82	50.30	33.00	8.33	8.18	10.5	2.426	102.7
1034	6/4/2013 8:00:50	15.72	50.32	33.01	8.31	8.18	11.1	2.502	102.3
1035	6/4/2013 8:15:50	15.54	50.33	33.01	8.31	8.16	10.8	2.565	102.0
1036	6/4/2013 8:30:50	15.42	50.33	33.02	8.29	8.16	10.8	2.632	101.6
1037	6/4/2013 8:45:50	15.22	50.32	33.00	8.29	8.14	11.2	2.706	101.2
1038	6/4/2013 9:00:50	15.07	50.32	32.99	8.30	8.13	10.4	2.758	100.9
1039	6/4/2013 9:15:50	14.92	50.34	33.01	8.26	8.12	10.5	2.821	100.2
1040	6/4/2013 9:30:50	14.57	50.36	33.01	8.27	8.09	10.4	2.882	99.5
1041	6/4/2013 9:45:50	14.35	50.34	33.00	8.29	8.08	9.9	2.931	99.4
1042	6/4/2013 10:00:50	14.27	50.34	32.99	8.28	8.08	10.1	2.971	99.1
1043	6/4/2013 10:15:50	14.17	50.36	33.00	8.29	8.07	8.1	3.007	99.0
1044	6/4/2013 10:30:50	14.12	50.37	33.01	8.30	8.07	8.5	3.038	99.0
1045	6/4/2013 10:45:50	14.31	50.36	33.01	8.30	8.08	9.3	3.046	99.4
1046	6/4/2013 11:00:50	14.07	50.38	33.01	8.00	8.05	9.8	3.043	95.3
1047	6/4/2013 11:15:50	14.04	50.32	32.97	8.03	8.05	7.8	3.027	95.5
1048	6/4/2013 11:30:50	14.11	50.35	32.99	8.03	8.05	9.3	2.993	95.8
1049	6/4/2013 11:45:50	14.43	50.34	33.00	8.20	8.09	9.8	2.940	98.5
1050	6/4/2013 12:00:50	14.87	50.43	33.07	8.66	8.13	11.0	2.872	105.0
1051	6/4/2013 12:15:50	15.14	50.34	33.02	8.64	8.14	11.1	2.812	105.2
1052	6/4/2013 12:30:50	15.51	50.32	33.01	8.78	8.17	11.4	2.751	107.7
1053	6/4/2013 12:45:50	15.83	50.35	33.04	9.10	8.19	10.5	2.670	112.4
1054	6/4/2013 13:00:50	16.13	50.30	33.00	9.23	8.21	10.4	2.601	114.6
1055	6/4/2013 13:15:50	16.29	50.31	33.02	9.42	8.22	10.7	2.552	117.3
1056	6/4/2013 13:30:50	16.58	50.30	33.01	9.50	8.26	11.2	2.476	119.0
1057	6/4/2013 13:45:50	16.76	50.32	33.03	9.76	8.27	11.9	2.421	122.7
1058	6/4/2013 14:00:50	16.77	50.32	33.03	9.73	8.27	10.1	2.361	122.3
1059	6/4/2013 14:15:50	16.91	50.31	33.02	9.82	8.26	8.9	2.309	123.8

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1060	6/4/2013 14:30:50	17.04	50.29	33.01	9.98	8.30	9.8	2.265	126.1
1061	6/4/2013 14:45:50	17.18	50.29	33.01	10.01	8.31	9.4	2.216	126.9
1062	6/4/2013 15:00:50	17.38	50.27	33.00	10.23	8.33	9.5	2.193	130.1
1063	6/4/2013 15:15:50	17.52	50.23	32.97	10.26	8.32	14.2	2.178	130.8
1064	6/4/2013 15:30:50	17.44	50.33	33.04	10.13	8.31	9.6	2.164	129.0
1065	6/4/2013 15:45:50	17.32	50.32	33.03	10.13	8.32	8.3	2.160	128.8
1066	6/4/2013 16:00:50	17.31	50.35	33.05	10.20	8.30	9.7	2.181	129.6
1067	6/4/2013 16:15:50	17.16	50.29	33.02	10.03	8.30	9.6	2.208	127.1
1068	6/4/2013 16:30:50	17.13	50.32	33.03	9.98	8.30	10.3	2.244	126.3
1069	6/4/2013 16:45:50	17.10	50.29	33.01	9.98	8.30	11.9	2.295	126.2
1070	6/4/2013 17:00:50	17.03	50.29	33.01	9.98	8.29	10.3	2.353	126.1
1071	6/4/2013 17:15:50	16.89	50.30	33.01	9.84	8.28	12.8	2.419	124.0
1072	6/4/2013 17:30:50	16.69	50.30	33.01	9.71	8.26	9.7	2.485	121.9
1073	6/4/2013 17:45:50	16.58	50.30	33.01	9.53	8.24	9.9	2.557	119.4
1074	6/4/2013 18:00:50	16.45	50.30	33.01	9.51	8.24	10.4	2.613	118.8
1075	6/4/2013 18:15:50	16.08	50.30	33.01	9.37	8.21	10.2	2.689	116.3
1076	6/4/2013 18:30:50	15.79	50.31	33.01	9.20	8.19	10.4	2.760	113.4
1077	6/4/2013 18:45:50	15.45	50.33	33.01	9.06	8.16	9.9	2.829	111.0
1078	6/4/2013 19:00:50	15.11	50.35	33.02	9.02	8.14	10.4	2.911	109.8
1079	6/4/2013 19:15:50	14.87	50.37	33.03	9.08	8.13	11.4	2.989	109.9
1080	6/4/2013 19:30:50	14.33	50.40	33.04	9.04	8.09	13.5	3.068	108.4
1081	6/4/2013 19:45:50	13.88	50.46	33.06	8.97	8.06	12.9	3.145	106.6
1082	6/4/2013 20:00:50	13.42	50.50	33.08	8.98	8.03	13.6	3.234	105.6
1083	6/4/2013 20:15:50	13.20	50.55	33.11	8.99	8.02	13.2	3.311	105.3
1084	6/4/2013 20:30:50	12.92	50.58	33.12	9.01	8.01	11.5	3.383	104.9
1085	6/4/2013 20:45:50	12.64	50.61	33.13	8.96	7.99	11.7	3.461	103.7
1086	6/4/2013 21:00:50	12.31	50.67	33.16	8.90	7.96	9.5	3.523	102.3
1087	6/4/2013 21:15:50	12.10	50.69	33.16	8.87	7.95	8.2	3.582	101.6
1088	6/4/2013 21:30:50	11.90	50.73	33.18	8.82	7.94	6.8	3.620	100.6
1089	6/4/2013 21:45:50	11.88	50.74	33.19	8.75	7.93	7.1	3.660	99.7
1090	6/4/2013 22:00:50	11.80	50.77	33.20	8.70	7.93	6.7	3.689	99.1
1091	6/4/2013 22:15:50	12.17	50.69	33.17	8.52	7.94	7.8	3.668	97.7
1092	6/4/2013 22:30:50	11.96	50.76	33.20	8.47	7.93	7.3	3.658	96.8
1093	6/4/2013 22:45:50	11.87	50.73	33.18	8.50	7.92	7.6	3.631	96.8
1094	6/4/2013 23:00:50	12.92	50.59	33.12	8.66	8.01	10.6	3.573	100.9
1095	6/4/2013 23:15:50	12.98	50.62	33.15	8.71	8.02	8.6	3.503	101.6
1096	6/4/2013 23:30:50	12.72	50.66	33.17	8.70	7.99	10.1	3.432	101.0
1097	6/4/2013 23:45:50	13.48	50.58	33.14	8.75	8.06	9.2	3.341	103.1
1098	6/5/2013 0:00:50	14.05	50.49	33.10	8.81	8.10	10.1	3.235	105.0
1099	6/5/2013 0:15:50	13.99	50.49	33.10	9.04	8.10	10.5	3.130	107.6
1100	6/5/2013 0:30:50	14.23	50.46	33.08	9.11	8.12	10.1	3.019	109.0
1101	6/5/2013 0:45:50	14.71	50.43	33.07	9.23	8.17	11.9	2.931	111.5
1102	6/5/2013 1:00:50	15.13	50.39	33.05	9.18	8.18	12.4	2.819	111.8
1103	6/5/2013 1:15:50	15.63	50.36	33.04	9.11	8.22	13.4	2.708	112.1
1104	6/5/2013 1:30:50	15.33	50.43	33.08	8.94	8.18	18.6	2.589	109.3
1105	6/5/2013 1:45:50	14.55	50.48	33.10	8.90	8.14	14.0	2.477	107.1
1106	6/5/2013 2:00:50	14.89	50.47	33.10	8.93	8.17	13.9	2.362	108.3
1107	6/5/2013 2:15:50	15.73	50.42	33.09	9.07	8.24	14.4	2.233	111.8
1108	6/5/2013 2:30:50	15.39	50.48	33.13	9.06	8.21	13.6	2.108	110.9
1109	6/5/2013 2:45:50	15.85	50.42	33.09	9.06	8.25	13.7	1.998	111.9
1110	6/5/2013 3:00:50	15.75	50.45	33.11	8.99	8.23	14.8	1.877	110.8
1111	6/5/2013 3:15:50	16.09	50.41	33.08	8.95	8.26	16.2	1.755	111.1
1112	6/5/2013 3:30:50	16.55	50.38	33.07	9.05	8.30	15.0	1.661	113.3

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1113	6/5/2013 3:45:50	16.85	50.39	33.08	9.19	8.32	14.7	1.574	115.8
1114	6/5/2013 4:00:50	16.90	50.37	33.07	9.14	8.32	13.0	1.511	115.2
1115	6/5/2013 4:15:50	17.33	50.37	33.07	9.37	8.37	12.9	1.440	119.1
1116	6/5/2013 4:30:50	17.22	50.36	33.07	9.26	8.35	12.1	1.419	117.5
1117	6/5/2013 4:45:50	17.42	50.32	33.04	9.33	8.38	15.1	1.409	118.8
1118	6/5/2013 5:00:50	17.20	50.39	33.08	9.08	8.35	10.9	1.422	115.2
1119	6/5/2013 5:15:50	17.33	50.45	33.13	9.41	8.37	10.3	1.464	119.7
1120	6/5/2013 5:30:50	17.39	50.33	33.05	9.33	8.37	11.1	1.517	118.7
1121	6/5/2013 5:45:50	17.49	50.33	33.05	9.44	8.39	11.3	1.581	120.3
1122	6/5/2013 6:00:50	17.45	50.34	33.05	9.39	8.38	11.2	1.640	119.6
1123	6/5/2013 6:15:50	17.46	50.16	32.92	9.22	8.37	14.1	1.716	117.5
1124	6/5/2013 6:30:50	17.32	50.26	32.99	9.20	8.36	11.5	1.788	116.9
1125	6/5/2013 6:45:50	17.23	50.23	32.97	9.05	8.35	11.4	1.871	114.7
1126	6/5/2013 7:00:50	17.19	50.20	32.95	8.99	8.34	11.0	1.932	113.8
1127	6/5/2013 7:15:50	17.16	50.20	32.94	8.98	8.34	10.4	2.016	113.7
1128	6/5/2013 7:30:50	16.98	50.22	32.96	8.95	8.32	10.6	2.098	112.9
1129	6/5/2013 7:45:50	16.75	50.26	32.99	8.94	8.30	10.6	2.174	112.4
1130	6/5/2013 8:00:50	16.59	50.27	32.99	8.84	8.28	12.2	2.256	110.7
1131	6/5/2013 8:15:50	16.26	50.29	33.00	8.70	8.24	11.0	2.325	108.3
1132	6/5/2013 8:30:50	16.09	50.31	33.01	8.62	8.22	10.3	2.415	106.9
1133	6/5/2013 8:45:50	16.01	50.33	33.02	8.57	8.21	10.0	2.487	106.2
1134	6/5/2013 9:00:50	15.89	50.33	33.02	8.55	8.20	10.5	2.557	105.7
1135	6/5/2013 9:15:50	15.75	50.34	33.03	8.52	8.19	10.8	2.638	105.0
1136	6/5/2013 9:30:50	15.43	50.35	33.03	8.49	8.17	11.1	2.713	103.9
1137	6/5/2013 9:45:50	15.22	50.35	33.02	8.47	8.15	11.7	2.776	103.3
1138	6/5/2013 10:00:50	15.00	50.34	33.01	8.43	8.13	11.8	2.836	102.3
1139	6/5/2013 10:15:50	14.64	50.33	32.99	8.48	8.11	11.2	2.901	102.2
1140	6/5/2013 10:30:50	14.43	50.36	33.01	8.48	8.10	11.2	2.960	101.7
1141	6/5/2013 10:45:50	14.27	50.37	33.01	8.47	8.09	11.2	3.005	101.3
1142	6/5/2013 11:00:50	14.18	50.37	33.01	8.47	8.08	8.9	3.054	101.1
1143	6/5/2013 11:15:50	13.97	50.45	33.06	8.45	8.07	8.9	3.091	100.5
1144	6/5/2013 11:30:50	13.63	50.45	33.05	8.33	8.04	7.3	3.105	98.4
1145	6/5/2013 11:45:50	13.84	50.56	33.14	8.37	8.06	9.3	3.111	99.3
1146	6/5/2013 12:00:50	13.54	50.48	33.07	8.11	8.02	9.4	3.101	95.6
1147	6/5/2013 12:15:50	13.65	50.43	33.04	8.17	8.03	11.1	3.074	96.5
1148	6/5/2013 12:30:50	13.91	50.38	33.01	8.21	8.05	11.3	3.019	97.6
1149	6/5/2013 12:45:50	14.36	50.39	33.03	8.38	8.09	10.3	2.963	100.5
1150	6/5/2013 13:00:50	14.96	50.34	33.01	8.77	8.15	12.2	2.892	106.4
1151	6/5/2013 13:15:50	15.17	50.31	33.00	8.96	8.16	12.7	2.828	109.1
1152	6/5/2013 13:30:50	15.51	50.30	33.00	9.07	8.19	11.6	2.751	111.2
1153	6/5/2013 13:45:50	15.70	50.31	33.00	9.13	8.21	15.3	2.685	112.4
1154	6/5/2013 14:00:50	15.94	50.30	33.00	9.19	8.23	12.0	2.622	113.7
1155	6/5/2013 14:15:50	16.05	50.31	33.01	9.13	8.23	12.2	2.549	113.2
1156	6/5/2013 14:30:50	16.26	50.30	33.01	9.35	8.24	11.4	2.502	116.4
1157	6/5/2013 14:45:50	16.46	50.29	33.00	9.66	8.25	10.9	2.431	120.8
1158	6/5/2013 15:00:50	16.65	50.27	32.99	9.87	8.26	10.1	2.385	123.8
1159	6/5/2013 15:15:50	16.79	50.30	33.02	9.85	8.27	10.0	2.346	123.9
1160	6/5/2013 15:30:50	16.99	50.28	33.00	9.92	8.30	9.8	2.298	125.3
1161	6/5/2013 15:45:50	17.25	50.27	33.00	10.09	8.33	9.7	2.259	128.0
1162	6/5/2013 16:00:50	17.23	50.29	33.01	9.79	8.30	8.2	2.240	124.2
1163	6/5/2013 16:15:50	17.39	50.20	32.95	9.95	8.31	9.4	2.247	126.5
1164	6/5/2013 16:30:50	17.26	50.29	33.01	10.31	8.30	8.4	2.231	130.8
1165	6/5/2013 16:45:50	17.24	50.28	33.01	10.29	8.31	9.4	2.241	130.5

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1166	6/5/2013 17:00:50	17.11	50.26	32.99	10.12	8.30	9.0	2.279	128.0
1167	6/5/2013 17:15:50	17.06	50.25	32.98	9.91	8.31	9.5	2.315	125.3
1168	6/5/2013 17:30:50	17.03	50.28	33.00	9.99	8.31	9.8	2.352	126.2
1169	6/5/2013 17:45:50	16.80	50.28	33.00	9.60	8.28	10.5	2.406	120.8
1170	6/5/2013 18:00:50	16.95	50.22	32.96	9.96	8.30	10.4	2.465	125.6
1171	6/5/2013 18:15:50	16.74	50.27	32.99	9.69	8.28	10.0	2.534	121.7
1172	6/5/2013 18:30:50	16.49	50.29	33.00	9.57	8.26	9.5	2.599	119.7
1173	6/5/2013 18:45:50	16.13	50.30	33.00	9.40	8.23	9.1	2.667	116.7
1174	6/5/2013 19:00:50	15.67	50.31	33.01	9.17	8.19	10.4	2.746	112.9
1175	6/5/2013 19:15:50	15.24	50.35	33.02	9.08	8.16	10.8	2.816	110.8
1176	6/5/2013 19:30:50	14.99	50.37	33.03	9.04	8.14	9.9	2.883	109.8
1177	6/5/2013 19:45:50	14.54	50.40	33.04	8.90	8.11	9.7	2.959	107.0
1178	6/5/2013 20:00:50	14.28	50.41	33.04	8.84	8.10	9.6	3.041	105.8
1179	6/5/2013 20:15:50	14.01	50.44	33.06	8.81	8.08	10.3	3.126	104.9
1180	6/5/2013 20:30:50	13.62	50.48	33.07	8.91	8.06	11.4	3.202	105.3
1181	6/5/2013 20:45:50	13.19	50.52	33.09	9.00	8.04	12.5	3.289	105.4
1182	6/5/2013 21:00:50	12.74	50.57	33.11	9.01	8.01	10.3	3.368	104.5
1183	6/5/2013 21:15:50	12.54	50.59	33.11	8.96	8.00	11.2	3.443	103.5
1184	6/5/2013 21:30:50	12.31	50.61	33.11	9.01	7.99	9.9	3.512	103.6
1185	6/5/2013 21:45:50	12.19	50.63	33.12	8.99	7.98	7.9	3.581	103.1
1186	6/5/2013 22:00:50	12.00	50.64	33.12	8.97	7.97	8.2	3.638	102.5
1187	6/5/2013 22:15:50	11.98	50.62	33.11	8.97	7.97	6.4	3.667	102.4
1188	6/5/2013 22:30:50	11.88	50.65	33.12	8.98	7.97	6.3	3.707	102.3
1189	6/5/2013 22:45:50	11.77	50.66	33.12	8.89	7.96	5.3	3.724	101.1
1190	6/5/2013 23:00:50	12.16	50.66	33.14	8.62	7.97	6.4	3.700	98.8
1191	6/5/2013 23:15:50	11.85	50.67	33.14	8.82	7.96	5.9	3.681	100.4
1192	6/5/2013 23:30:50	12.26	50.51	33.04	8.68	7.98	6.2	3.644	99.6
1193	6/5/2013 23:45:50	12.52	50.60	33.11	8.73	8.00	9.6	3.565	100.8
1194	6/6/2013 0:00:50	12.31	50.69	33.17	8.83	7.99	10.7	3.478	101.6
1195	6/6/2013 0:15:50	13.07	50.64	33.17	8.98	8.06	8.7	3.391	104.9
1196	6/6/2013 0:30:50	13.81	50.50	33.09	8.86	8.10	10.0	3.295	105.1
1197	6/6/2013 0:45:50	14.13	50.50	33.10	8.95	8.12	9.8	3.182	106.9
1198	6/6/2013 1:00:50	14.22	50.48	33.09	9.06	8.13	11.1	3.073	108.3
1199	6/6/2013 1:15:50	14.49	50.44	33.07	9.07	8.14	12.2	2.962	109.0
1200	6/6/2013 1:30:50	14.79	50.41	33.06	9.09	8.16	11.2	2.870	109.9
1201	6/6/2013 1:45:50	15.26	50.40	33.06	9.06	8.19	12.5	2.752	110.6
1202	6/6/2013 2:00:50	14.93	50.44	33.08	8.83	8.15	18.1	2.626	107.1
1203	6/6/2013 2:15:50	14.29	50.49	33.10	8.87	8.11	14.5	2.523	106.2
1204	6/6/2013 2:30:50	13.98	50.52	33.12	9.02	8.09	13.4	2.394	107.4
1205	6/6/2013 2:45:50	15.22	50.41	33.07	8.99	8.20	13.6	2.264	109.7
1206	6/6/2013 3:00:50	15.29	50.41	33.07	9.24	8.21	14.1	2.153	112.8
1207	6/6/2013 3:15:50	16.00	50.39	33.07	9.22	8.26	14.5	2.012	114.2
1208	6/6/2013 3:30:50	15.95	50.39	33.07	9.05	8.25	13.8	1.883	112.0
1209	6/6/2013 3:45:50	16.05	50.43	33.10	9.09	8.26	16.6	1.752	112.7
1210	6/6/2013 4:00:50	16.29	50.37	33.06	9.05	8.27	15.8	1.637	112.7
1211	6/6/2013 4:15:50	16.52	50.37	33.06	9.10	8.28	14.5	1.531	113.8
1212	6/6/2013 4:30:50	16.80	50.37	33.07	9.14	8.31	18.8	1.449	115.0
1213	6/6/2013 4:45:50	16.99	50.36	33.06	9.21	8.32	13.8	1.371	116.3
1214	6/6/2013 5:00:50	17.29	50.33	33.04	9.37	8.35	15.2	1.324	119.0
1215	6/6/2013 5:15:50	17.26	50.32	33.04	9.33	8.35	15.4	1.317	118.5
1216	6/6/2013 5:30:50	17.27	50.41	33.10	9.27	8.35	11.7	1.305	117.8
1217	6/6/2013 5:45:50	17.27	50.32	33.03	9.26	8.35	10.2	1.332	117.5
1218	6/6/2013 6:00:50	17.53	50.31	33.03	9.59	8.39	9.7	1.375	122.3

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1219	6/6/2013 6:15:50	17.40	50.31	33.03	9.49	8.37	10.5	1.415	120.7
1220	6/6/2013 6:30:50	17.46	50.29	33.02	9.56	8.38	11.4	1.485	121.8
1221	6/6/2013 6:45:50	17.39	50.29	33.02	9.56	8.38	11.6	1.548	121.6
1222	6/6/2013 7:00:50	17.45	50.12	32.89	9.43	8.37	11.5	1.627	120.0
1223	6/6/2013 7:15:50	17.38	50.15	32.91	9.30	8.36	12.4	1.698	118.2
1224	6/6/2013 7:30:50	17.33	50.09	32.86	9.15	8.35	11.0	1.773	116.2
1225	6/6/2013 7:45:50	17.32	50.01	32.81	9.14	8.35	11.7	1.863	116.0
1226	6/6/2013 8:00:50	17.13	50.10	32.87	9.20	8.34	11.0	1.946	116.3
	Mean	14.97	50.46	33.09	8.68	8.15	13.86	2.49	105.36
	Minimum	10.69	49.98	32.78	7.43	7.92	4.60	0.66	89.60
	Maximum	17.53	51.20	33.50	11.17	8.39	41.10	3.97	142.50

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

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters
0	6/7/2013 13:00:50	13.22	50.26	32.89	8.64	8.00	5.0	3.154
1	6/7/2013 13:15:50	13.53	50.36	32.98	8.54	8.04	6.1	3.165
2	6/7/2013 13:30:50	13.25	50.31	32.94	8.13	8.01	6.8	3.145
3	6/7/2013 13:45:50	13.26	50.25	32.89	8.25	8.03	5.4	3.116
4	6/7/2013 14:00:50	13.40	50.29	32.93	8.20	8.04	6.7	3.055
5	6/7/2013 14:15:50	14.63	50.22	32.91	8.69	8.14	7.4	3.003
6	6/7/2013 14:30:50	15.23	50.22	32.93	8.93	8.18	9.4	2.943
7	6/7/2013 14:45:50	15.50	50.26	32.97	9.18	8.19	9.5	2.864
8	6/7/2013 15:00:50	15.67	50.17	32.90	9.28	8.22	11.5	2.799
9	6/7/2013 15:15:50	15.86	50.13	32.87	9.29	8.25	10.2	2.714
10	6/7/2013 15:30:50	16.20	50.10	32.86	9.49	8.27	9.4	2.653
11	6/7/2013 15:45:50	16.07	50.21	32.94	9.57	8.24	8.6	2.577
12	6/7/2013 16:00:50	16.42	50.22	32.95	9.56	8.28	10.9	2.519
13	6/7/2013 16:15:50	16.61	50.16	32.91	9.60	8.28	10.5	2.460
14	6/7/2013 16:30:50	16.56	50.30	33.01	9.46	8.28	11.6	2.397
15	6/7/2013 16:45:50	16.68	50.25	32.97	9.41	8.28	11.4	2.357
16	6/7/2013 17:00:50	16.81	50.24	32.97	9.36	8.29	11.5	2.328
17	6/7/2013 17:15:50	16.95	50.17	32.92	9.17	8.29	11.5	2.293
18	6/7/2013 17:30:50	17.04	50.24	32.97	9.18	8.30	10.8	2.271
19	6/7/2013 17:45:50	17.13	50.29	33.01	9.51	8.33	13.4	2.308
20	6/7/2013 18:00:50	16.98	50.29	33.01	9.57	8.31	9.9	2.302
21	6/7/2013 18:15:50	17.32	50.13	32.90	9.87	8.35	8.6	2.320
22	6/7/2013 18:30:50	17.40	50.22	32.96	10.08	8.38	8.9	2.366
23	6/7/2013 18:45:50	17.45	50.22	32.96	10.29	8.40	7.6	2.408
24	6/7/2013 19:00:50	17.33	50.22	32.96	10.17	8.39	7.6	2.457
25	6/7/2013 19:15:50	17.18	50.20	32.94	9.89	8.36	7.8	2.508
26	6/7/2013 19:30:50	17.05	50.18	32.93	9.89	8.35	8.6	2.573
27	6/7/2013 19:45:50	17.27	50.17	32.93	10.20	8.37	8.5	2.638
28	6/7/2013 20:00:50	16.95	50.17	32.92	9.87	8.33	8.3	2.698
29	6/7/2013 20:15:50	16.71	50.15	32.90	9.75	8.30	8.6	2.771
30	6/7/2013 20:30:50	16.02	50.24	32.96	9.30	8.24	9.0	2.841
31	6/7/2013 20:45:50	15.40	50.27	32.97	9.06	8.20	8.6	2.922
32	6/7/2013 21:00:50	14.69	50.28	32.96	8.87	8.15	9.0	2.996
33	6/7/2013 21:15:50	14.50	50.27	32.95	8.85	8.15	8.3	3.072
34	6/7/2013 21:30:50	14.21	50.36	33.00	8.75	8.13	8.2	3.158
35	6/7/2013 21:45:50	13.59	50.35	32.98	8.64	8.09	9.5	3.242
36	6/7/2013 22:00:50	13.35	50.43	33.02	8.54	8.07	9.7	3.325
37	6/7/2013 22:15:50	13.02	50.39	32.98	8.50	8.05	9.0	3.398
38	6/7/2013 22:30:50	12.68	50.50	33.05	8.47	8.03	8.7	3.478
39	6/7/2013 22:45:50	12.47	50.49	33.03	8.44	8.02	7.7	3.552
40	6/7/2013 23:00:50	12.24	50.49	33.02	8.39	8.01	6.8	3.605
41	6/7/2013 23:15:50	12.10	50.58	33.09	8.36	8.00	5.7	3.653
42	6/7/2013 23:30:50	12.02	50.59	33.09	8.32	8.00	5.1	3.690
43	6/7/2013 23:45:50	12.00	50.52	33.03	8.23	8.00	3.6	3.716
44	6/8/2013 0:00:50	12.44	50.57	33.09	8.15	8.02	5.0	3.709
45	6/8/2013 0:15:50	12.12	50.53	33.05	8.10	7.99	4.5	3.686
46	6/8/2013 0:30:50	12.40	50.57	33.09	8.06	8.01	5.7	3.657
47	6/8/2013 0:45:50	12.84	50.50	33.06	8.29	8.05	7.5	3.595
48	6/8/2013 1:00:50	12.78	50.51	33.06	8.27	8.06	7.1	3.525
49	6/8/2013 1:15:50	12.78	50.70	33.20	8.25	8.05	7.8	3.436

50	6/8/2013 1:30:50	13.62	50.40	33.01	8.32	8.12	9.0	3.343
51	6/8/2013 1:45:50	14.19	50.43	33.06	8.32	8.15	10.4	3.247
52	6/8/2013 2:00:50	14.33	50.34	33.00	8.38	8.16	10.1	3.141
53	6/8/2013 2:15:50	14.62	50.42	33.06	8.40	8.17	12.8	3.022
54	6/8/2013 2:30:50	14.81	50.37	33.03	8.31	8.18	12.5	2.913
55	6/8/2013 2:45:50	15.25	50.34	33.02	8.21	8.20	15.8	2.820
56	6/8/2013 3:00:50	15.68	50.36	33.04	8.11	8.22	16.3	2.700
57	6/8/2013 3:15:50	15.84	50.33	33.03	8.67	8.26	19.3	2.574
58	6/8/2013 3:30:50	15.70	50.30	33.00	8.68	8.27	15.8	2.448
59	6/8/2013 3:45:50	15.59	50.30	32.99	8.70	8.26	17.4	2.327
60	6/8/2013 4:00:50	15.51	50.31	33.00	8.74	8.26	18.6	2.190
61	6/8/2013 4:15:50	15.01	50.38	33.04	8.76	8.23	17.7	2.041
62	6/8/2013 4:30:50	15.70	50.33	33.02	8.71	8.27	17.5	1.931
63	6/8/2013 4:45:50	16.23	50.25	32.97	8.66	8.30	16.7	1.794
64	6/8/2013 5:00:50	16.29	50.29	33.00	8.64	8.30	16.7	1.659
65	6/8/2013 5:15:50	16.67	50.32	33.03	8.76	8.33	17.5	1.541
66	6/8/2013 5:30:50	17.10	50.27	32.99	8.82	8.36	16.1	1.442
67	6/8/2013 5:45:50	17.19	50.28	33.00	8.83	8.36	14.8	1.357
68	6/8/2013 6:00:50	17.43	50.28	33.01	8.89	8.39	14.4	1.261
69	6/8/2013 6:15:50	17.46	50.31	33.03	8.81	8.38	12.7	1.219
70	6/8/2013 6:30:50	17.44	50.30	33.02	8.45	8.37	10.9	1.218
71	6/8/2013 6:45:50	17.30	50.24	32.98	8.47	8.36	9.7	1.189
72	6/8/2013 7:00:50	17.53	50.27	33.00	8.74	8.39	9.9	1.232
73	6/8/2013 7:15:50	17.61	50.28	33.01	8.90	8.41	10.1	1.274
74	6/8/2013 7:30:50	17.57	50.29	33.01	8.79	8.40	10.9	1.337
75	6/8/2013 7:45:50	17.58	50.26	32.99	8.96	8.41	10.8	1.396
76	6/8/2013 8:00:50	17.56	50.30	33.03	9.01	8.41	10.0	1.463
77	6/8/2013 8:15:50	17.66	50.10	32.88	8.64	8.40	12.3	1.539
78	6/8/2013 8:30:50	17.60	50.08	32.86	8.61	8.39	11.1	1.615
79	6/8/2013 8:45:50	17.56	50.11	32.88	8.45	8.38	12.1	1.698
80	6/8/2013 9:00:50	17.48	50.10	32.88	8.34	8.37	13.2	1.778
81	6/8/2013 9:15:50	17.33	50.14	32.91	8.49	8.36	11.2	1.873
82	6/8/2013 9:30:50	17.18	50.15	32.91	8.46	8.35	11.1	1.979
83	6/8/2013 9:45:50	16.95	50.23	32.96	8.47	8.33	11.2	2.063
84	6/8/2013 10:00:50	16.73	50.24	32.97	8.41	8.31	11.7	2.162
85	6/8/2013 10:15:50	16.57	50.27	32.99	8.39	8.29	12.0	2.256
86	6/8/2013 10:30:50	16.29	50.28	33.00	8.37	8.27	10.8	2.351
87	6/8/2013 10:45:50	16.21	50.27	32.99	8.36	8.26	11.5	2.439
88	6/8/2013 11:00:50	16.13	50.27	32.98	8.44	8.26	10.6	2.518
89	6/8/2013 11:15:50	15.96	50.22	32.95	8.55	8.25	11.2	2.606
90	6/8/2013 11:30:50	15.65	50.22	32.93	8.54	8.22	12.1	2.686
91	6/8/2013 11:45:50	15.38	50.29	32.98	8.38	8.20	12.0	2.766
92	6/8/2013 12:00:50	15.00	50.28	32.96	8.53	8.18	13.2	2.837
93	6/8/2013 12:15:50	14.81	50.30	32.98	8.49	8.17	13.1	2.904
94	6/8/2013 12:30:50	14.20	50.32	32.98	8.47	8.13	11.3	2.985
95	6/8/2013 12:45:50	13.90	50.36	32.99	8.49	8.12	12.8	3.034
96	6/8/2013 13:00:50	13.64	50.41	33.02	8.52	8.10	9.8	3.081
97	6/8/2013 13:15:50	13.46	50.42	33.03	8.56	8.10	7.3	3.134
98	6/8/2013 13:30:51	13.41	50.46	33.05	8.54	8.09	7.2	3.166
99	6/8/2013 13:45:50	13.35	50.40	33.00	8.47	8.09	5.0	3.169
100	6/8/2013 14:00:50	13.36	50.42	33.02	8.32	8.08	6.2	3.162
101	6/8/2013 14:15:50	13.35	50.39	32.99	8.36	8.08	7.3	3.151
102	6/8/2013 14:30:50	13.51	50.35	32.97	8.35	8.08	8.8	3.115

103	6/8/2013 14:45:50	14.77	50.34	33.00	8.77	8.16	14.0	3.061
104	6/8/2013 15:00:50	14.82	50.34	33.00	8.86	8.17	18.6	2.997
105	6/8/2013 15:15:50	14.88	50.37	33.03	8.95	8.17	19.8	2.935
106	6/8/2013 15:30:50	14.80	50.33	33.00	8.88	8.17	19.5	2.875
107	6/8/2013 15:45:50	15.43	50.27	32.97	9.00	8.21	25.9	2.805
108	6/8/2013 16:00:50	15.62	50.27	32.98	8.99	8.22	25.8	2.731
109	6/8/2013 16:15:50	15.99	50.30	33.00	9.10	8.24	23.6	2.658
110	6/8/2013 16:30:50	16.16	50.25	32.97	9.04	8.25	26.3	2.594
111	6/8/2013 16:45:50	16.50	50.27	32.99	8.97	8.26	25.7	2.537
112	6/8/2013 17:00:50	16.66	50.24	32.97	8.97	8.27	28.8	2.490
113	6/8/2013 17:15:50	16.86	50.19	32.93	8.96	8.28	25.8	2.432
114	6/8/2013 17:30:50	16.99	50.22	32.96	8.92	8.28	21.5	2.380
115	6/8/2013 17:45:50	17.20	50.25	32.99	9.06	8.30	18.4	2.350
116	6/8/2013 18:00:50	17.39	50.22	32.96	9.14	8.32	18.4	2.320
117	6/8/2013 18:15:50	17.57	50.25	32.99	9.44	8.35	16.4	2.302
118	6/8/2013 18:30:50	17.65	50.23	32.97	9.38	8.36	14.8	2.295
119	6/8/2013 18:45:50	17.72	50.26	33.00	9.31	8.36	12.5	2.300
120	6/8/2013 19:00:50	17.55	50.22	32.97	9.58	8.35	12.8	2.337
121	6/8/2013 19:15:50	17.48	50.22	32.96	9.60	8.35	12.0	2.369
122	6/8/2013 19:30:50	17.64	50.25	32.98	9.87	8.38	12.3	2.415
123	6/8/2013 19:45:50	17.61	50.21	32.96	9.94	8.38	13.0	2.457
124	6/8/2013 20:00:50	17.20	50.22	32.96	9.39	8.33	16.6	2.527
125	6/8/2013 20:15:50	17.50	50.25	32.99	9.70	8.35	16.7	2.586
126	6/8/2013 20:30:50	17.08	50.28	33.00	9.48	8.32	13.4	2.650
127	6/8/2013 20:45:50	16.86	50.29	33.01	9.51	8.31	13.3	2.727
128	6/8/2013 21:00:50	16.31	50.29	33.00	9.19	8.26	13.6	2.800
129	6/8/2013 21:15:50	15.76	50.27	32.97	9.04	8.23	15.0	2.871
130	6/8/2013 21:30:50	15.32	50.34	33.02	9.04	8.21	14.1	2.945
131	6/8/2013 21:45:50	14.74	50.38	33.04	8.92	8.18	11.3	3.021
132	6/8/2013 22:00:51	14.63	50.41	33.06	8.85	8.17	10.6	3.120
133	6/8/2013 22:15:50	14.11	50.33	32.98	8.92	8.15	11.4	3.200
134	6/8/2013 22:30:50	13.62	50.41	33.02	8.85	8.11	11.3	3.280
135	6/8/2013 22:45:50	13.16	50.44	33.03	8.94	8.09	14.8	3.364
136	6/8/2013 23:00:50	12.85	50.46	33.03	8.99	8.08	12.8	3.434
137	6/8/2013 23:15:50	12.55	50.43	32.99	8.98	8.07	10.3	3.511
138	6/8/2013 23:30:50	12.38	50.55	33.07	8.92	8.06	7.0	3.558
139	6/8/2013 23:45:51	12.25	50.51	33.04	8.91	8.06	6.5	3.620
140	6/9/2013 0:00:51	12.12	50.56	33.07	8.87	8.04	6.7	3.660
141	6/9/2013 0:15:51	12.12	50.54	33.06	8.86	8.04	5.6	3.677
142	6/9/2013 0:30:50	12.62	50.57	33.10	8.67	8.07	5.6	3.698
143	6/9/2013 0:45:50	12.23	50.40	32.96	8.53	8.03	5.1	3.674
144	6/9/2013 1:00:50	12.24	50.47	33.01	8.61	8.03	5.7	3.660
145	6/9/2013 1:15:50	12.43	50.53	33.06	8.62	8.06	7.0	3.603
146	6/9/2013 1:30:50	12.81	50.42	33.00	8.72	8.09	7.7	3.546
147	6/9/2013 1:45:50	12.88	50.46	33.03	8.73	8.10	7.5	3.479
148	6/9/2013 2:00:50	13.58	50.48	33.07	8.69	8.14	9.2	3.380
149	6/9/2013 2:15:50	13.96	50.38	33.01	8.57	8.16	10.0	3.279
150	6/9/2013 2:30:50	14.02	50.42	33.04	8.63	8.15	11.9	3.190
151	6/9/2013 2:45:50	14.32	50.42	33.05	8.61	8.17	13.3	3.088
152	6/9/2013 3:00:50	14.47	50.40	33.04	8.63	8.18	12.3	2.992
153	6/9/2013 3:15:50	15.20	50.39	33.05	8.58	8.23	12.6	2.873
154	6/9/2013 3:30:50	15.42	50.33	33.01	8.55	8.24	14.7	2.766
155	6/9/2013 3:45:50	15.79	50.36	33.04	8.45	8.26	14.3	2.656

156	6/9/2013 4:00:50	15.39	50.22	32.93	8.41	8.24	19.0	2.525
157	6/9/2013 4:15:50	15.94	50.37	33.05	8.55	8.28	21.5	2.403
158	6/9/2013 4:30:50	16.19	50.30	33.01	8.77	8.32	21.3	2.269
159	6/9/2013 4:45:50	15.71	50.34	33.03	8.72	8.29	18.1	2.140
160	6/9/2013 5:00:50	16.04	50.36	33.05	8.72	8.31	17.4	2.023
161	6/9/2013 5:15:50	16.14	50.36	33.05	8.55	8.31	19.4	1.873
162	6/9/2013 5:30:50	16.31	50.35	33.04	8.57	8.32	26.9	1.759
163	6/9/2013 5:45:50	16.65	50.35	33.05	8.56	8.35	25.1	1.641
164	6/9/2013 6:00:50	17.05	50.37	33.07	8.66	8.37	22.5	1.519
165	6/9/2013 6:15:50	17.37	50.28	33.01	8.70	8.39	20.5	1.426
166	6/9/2013 6:30:50	17.41	50.33	33.04	8.68	8.39	18.3	1.334
167	6/9/2013 6:45:50	17.62	50.33	33.05	8.68	8.41	17.7	1.263
168	6/9/2013 7:00:50	17.63	50.31	33.03	8.71	8.41	18.6	1.234
169	6/9/2013 7:15:50	17.77	50.33	33.04	8.71	8.42	15.5	1.214
170	6/9/2013 7:30:50	17.60	50.33	33.05	8.61	8.41	14.4	1.206
171	6/9/2013 7:45:50	17.67	50.33	33.05	8.67	8.41	12.2	1.251
172	6/9/2013 8:00:50	17.66	50.35	33.06	8.74	8.41	10.9	1.335
173	6/9/2013 8:15:50	17.71	50.30	33.03	8.74	8.42	11.4	1.379
174	6/9/2013 8:30:50	17.67	50.37	33.07	8.77	8.42	10.6	1.439
175	6/9/2013 8:45:50	17.78	50.16	32.92	8.39	8.40	13.6	1.541
176	6/9/2013 9:00:50	17.79	50.01	32.81	8.09	8.39	14.3	1.611
177	6/9/2013 9:15:50	17.69	50.12	32.89	8.16	8.38	13.5	1.695
178	6/9/2013 9:30:50	17.55	50.18	32.94	8.18	8.38	13.8	1.776
179	6/9/2013 9:45:50	17.41	50.22	32.96	8.31	8.38	12.8	1.859
180	6/9/2013 10:00:50	17.29	50.23	32.97	8.29	8.37	12.5	1.953
181	6/9/2013 10:15:50	17.15	50.26	32.99	8.29	8.36	13.3	2.048
182	6/9/2013 10:30:50	16.82	50.27	32.99	8.29	8.32	12.9	2.151
183	6/9/2013 10:45:50	16.64	50.32	33.03	8.37	8.30	12.2	2.247
184	6/9/2013 11:00:50	16.58	50.34	33.04	8.33	8.29	12.4	2.338
185	6/9/2013 11:15:50	16.52	50.34	33.04	8.31	8.29	11.8	2.424
186	6/9/2013 11:30:50	16.40	50.35	33.05	8.41	8.28	13.1	2.514
187	6/9/2013 11:45:50	16.33	50.30	33.01	8.59	8.28	12.8	2.597
188	6/9/2013 12:00:50	15.93	50.26	32.97	8.53	8.25	13.4	2.681
189	6/9/2013 12:15:50	15.75	50.25	32.96	8.50	8.24	13.9	2.762
190	6/9/2013 12:30:50	15.43	50.30	32.99	8.70	8.23	14.4	2.836
191	6/9/2013 12:45:50	15.08	50.25	32.95	8.78	8.21	13.4	2.921
192	6/9/2013 13:00:50	14.75	50.32	32.99	8.79	8.19	12.2	2.974
193	6/9/2013 13:15:50	14.37	50.33	32.99	8.80	8.17	12.3	3.039
194	6/9/2013 13:30:50	13.97	50.36	33.00	8.86	8.15	11.0	3.111
195	6/9/2013 13:45:50	13.69	50.42	33.03	8.84	8.14	9.5	3.160
196	6/9/2013 14:00:50	13.34	50.44	33.03	8.77	8.12	7.5	3.193
197	6/9/2013 14:15:50	13.29	50.42	33.02	8.78	8.12	6.2	3.211
198	6/9/2013 14:30:50	13.61	50.38	33.00	8.83	8.13	7.2	3.222
199	6/9/2013 14:45:50	13.37	50.45	33.04	8.44	8.10	8.2	3.208
200	6/9/2013 15:00:50	13.42	50.42	33.02	8.59	8.11	7.9	3.196
201	6/9/2013 15:15:50	14.82	50.30	32.98	8.81	8.19	10.8	3.137
202	6/9/2013 15:30:50	15.06	50.34	33.02	9.06	8.21	10.8	3.074
203	6/9/2013 15:45:50	15.41	50.37	33.04	9.24	8.23	12.4	3.024
204	6/9/2013 16:00:50	15.57	50.27	32.97	9.51	8.24	12.0	2.945
205	6/9/2013 16:15:50	15.60	50.40	33.07	9.62	8.25	11.5	2.878
206	6/9/2013 16:30:50	15.77	50.34	33.03	9.65	8.26	10.8	2.804
207	6/9/2013 16:45:50	15.94	50.28	32.99	9.86	8.28	10.6	2.728
208	6/9/2013 17:00:50	16.15	50.36	33.05	9.84	8.29	9.7	2.679

209	6/9/2013 17:15:50	16.64	50.35	33.05	9.91	8.31	10.1	2.617
210	6/9/2013 17:30:50	16.67	50.39	33.08	10.08	8.33	8.7	2.561
211	6/9/2013 17:45:50	17.05	50.32	33.03	10.06	8.34	9.9	2.516
212	6/9/2013 18:00:50	17.25	50.32	33.04	10.16	8.37	9.3	2.481
213	6/9/2013 18:15:50	17.58	50.28	33.01	10.40	8.40	8.9	2.437
214	6/9/2013 18:30:50	17.86	50.30	33.03	10.48	8.43	11.5	2.410
215	6/9/2013 18:45:50	18.05	50.36	33.07	10.41	8.43	8.8	2.397
216	6/9/2013 19:00:50	18.08	50.29	33.02	10.16	8.43	7.7	2.390
217	6/9/2013 19:15:50	18.11	50.31	33.04	9.93	8.41	7.3	2.393
218	6/9/2013 19:30:50	18.00	50.32	33.04	10.42	8.43	9.6	2.399
219	6/9/2013 19:45:50	17.84	50.31	33.03	10.36	8.42	8.7	2.426
220	6/9/2013 20:00:50	17.77	50.33	33.05	10.33	8.41	9.5	2.470
221	6/9/2013 20:15:50	17.67	50.21	32.96	9.97	8.39	9.9	2.505
222	6/9/2013 20:30:50	17.27	50.32	33.03	9.65	8.36	10.9	2.562
223	6/9/2013 20:45:50	17.75	50.32	33.04	9.96	8.38	11.4	2.620
224	6/9/2013 21:00:50	17.42	50.30	33.02	9.78	8.37	9.0	2.675
225	6/9/2013 21:15:50	17.00	50.28	33.00	9.61	8.34	9.7	2.753
226	6/9/2013 21:30:50	16.43	50.21	32.95	9.47	8.30	9.8	2.831
227	6/9/2013 21:45:50	15.77	50.33	33.02	9.28	8.26	10.3	2.898
228	6/9/2013 22:00:50	15.01	50.41	33.06	9.24	8.22	10.3	2.980
229	6/9/2013 22:15:50	14.66	50.34	33.00	9.12	8.19	12.5	3.052
230	6/9/2013 22:30:50	14.44	50.32	32.98	9.10	8.19	9.1	3.130
231	6/9/2013 22:45:50	13.95	50.42	33.04	9.04	8.16	9.4	3.214
232	6/9/2013 23:00:50	13.83	50.46	33.07	9.10	8.16	9.2	3.299
233	6/9/2013 23:15:50	13.14	50.48	33.05	9.11	8.11	11.6	3.368
234	6/9/2013 23:30:50	12.70	50.42	32.99	9.09	8.09	11.1	3.448
235	6/9/2013 23:45:50	12.40	50.45	33.00	9.04	8.07	8.7	3.512
236	6/10/2013 0:00:50	12.22	50.48	33.01	8.99	8.06	9.7	3.567
237	6/10/2013 0:15:50	12.16	50.49	33.02	8.91	8.05	6.4	3.620
238	6/10/2013 0:30:50	12.09	50.51	33.03	8.87	8.05	5.6	3.654
239	6/10/2013 0:45:50	12.01	50.61	33.10	8.81	8.04	4.8	3.680
240	6/10/2013 1:00:50	12.57	50.50	33.05	8.80	8.08	6.5	3.677
241	6/10/2013 1:15:51	12.09	50.63	33.12	8.60	8.03	5.2	3.673
242	6/10/2013 1:30:50	12.00	50.63	33.11	8.53	8.03	6.1	3.658
243	6/10/2013 1:45:50	12.07	50.57	33.07	8.53	8.03	5.3	3.621
244	6/10/2013 2:00:50	13.10	50.52	33.08	8.76	8.12	8.6	3.559
245	6/10/2013 2:15:50	12.54	50.54	33.07	8.79	8.09	7.5	3.505
246	6/10/2013 2:30:50	13.47	50.46	33.05	8.78	8.15	8.6	3.415
247	6/10/2013 2:45:50	13.62	50.52	33.10	8.87	8.17	7.9	3.329
248	6/10/2013 3:00:50	14.29	50.45	33.07	8.81	8.19	7.8	3.244
249	6/10/2013 3:15:50	14.38	50.45	33.07	8.81	8.19	10.0	3.133
250	6/10/2013 3:30:50	14.79	50.45	33.09	8.80	8.22	9.8	3.026
251	6/10/2013 3:45:50	15.10	50.39	33.05	8.92	8.25	11.3	2.930
252	6/10/2013 4:00:50	15.49	50.41	33.07	8.85	8.26	9.8	2.826
253	6/10/2013 4:15:50	15.42	50.45	33.10	8.79	8.26	11.7	2.710
254	6/10/2013 4:30:50	15.60	50.30	32.99	8.61	8.26	15.0	2.594
255	6/10/2013 4:45:50	15.23	50.45	33.09	8.70	8.25	13.7	2.489
256	6/10/2013 5:00:50	15.52	50.44	33.10	8.69	8.28	13.6	2.348
257	6/10/2013 5:15:50	15.76	50.33	33.02	8.75	8.30	17.1	2.241
258	6/10/2013 5:30:50	16.00	50.34	33.03	8.69	8.32	17.5	2.107
259	6/10/2013 5:45:50	16.15	50.35	33.04	8.64	8.33	20.3	1.976
260	6/10/2013 6:00:50	16.41	50.36	33.05	8.67	8.34	23.0	1.837
261	6/10/2013 6:15:50	16.60	50.32	33.03	8.56	8.35	23.2	1.717

262	6/10/2013 6:30:50	16.96	50.32	33.03	8.63	8.37	23.4	1.591
263	6/10/2013 6:45:50	17.17	50.41	33.10	8.61	8.38	20.9	1.486
264	6/10/2013 7:00:50	17.40	50.41	33.10	8.59	8.40	20.9	1.402
265	6/10/2013 7:15:50	17.53	50.40	33.10	8.56	8.41	22.3	1.331
266	6/10/2013 7:30:50	17.68	50.43	33.12	8.53	8.42	21.1	1.273
267	6/10/2013 7:45:50	17.64	50.34	33.05	8.52	8.42	19.8	1.251
268	6/10/2013 8:00:50	17.61	50.42	33.11	8.32	8.42	14.7	1.268
269	6/10/2013 8:15:50	17.67	50.35	33.06	8.51	8.43	15.1	1.279
270	6/10/2013 8:30:50	17.69	50.42	33.11	8.53	8.43	13.0	1.331
271	6/10/2013 8:45:50	17.65	50.35	33.06	8.57	8.43	14.1	1.414
272	6/10/2013 9:00:50	17.65	50.36	33.07	8.66	8.43	13.8	1.478
273	6/10/2013 9:15:50	17.71	50.32	33.04	8.56	8.42	14.3	1.553
274	6/10/2013 9:30:50	17.87	50.00	32.81	8.00	8.39	17.7	1.632
275	6/10/2013 9:45:50	17.83	50.07	32.85	7.97	8.39	17.2	1.726
276	6/10/2013 10:00:50	17.65	50.24	32.98	8.30	8.39	14.5	1.799
277	6/10/2013 10:15:50	17.48	50.26	32.99	8.27	8.39	14.8	1.877
278	6/10/2013 10:30:50	17.43	50.24	32.98	8.31	8.38	14.1	1.962
279	6/10/2013 10:45:50	17.32	50.28	33.01	8.32	8.38	13.4	2.078
280	6/10/2013 11:00:50	17.03	50.32	33.03	8.33	8.35	14.8	2.167
281	6/10/2013 11:15:50	16.87	50.32	33.03	8.34	8.34	14.8	2.249
282	6/10/2013 11:30:50	16.80	50.33	33.04	8.42	8.33	13.6	2.342
283	6/10/2013 11:45:50	16.72	50.38	33.07	8.43	8.31	13.4	2.426
284	6/10/2013 12:00:50	16.53	50.41	33.09	8.52	8.30	14.7	2.519
285	6/10/2013 12:15:50	16.33	50.40	33.08	8.60	8.29	13.1	2.605
286	6/10/2013 12:30:50	16.15	50.31	33.02	8.68	8.28	13.2	2.681
287	6/10/2013 12:45:50	15.97	50.41	33.08	8.64	8.27	12.5	2.761
288	6/10/2013 13:00:50	15.50	50.37	33.04	8.67	8.24	15.9	2.844
289	6/10/2013 13:15:50	15.18	50.30	32.99	8.77	8.23	15.7	2.910
290	6/10/2013 13:30:50	14.94	50.36	33.03	8.83	8.22	15.5	2.977
291	6/10/2013 13:45:50	14.55	50.40	33.04	8.90	8.20	11.7	3.050
292	6/10/2013 14:00:50	14.31	50.40	33.04	8.93	8.19	11.4	3.097
293	6/10/2013 14:15:50	14.03	50.40	33.03	8.97	8.17	8.6	3.161
294	6/10/2013 14:30:50	13.85	50.43	33.05	8.97	8.16	8.3	3.205
295	6/10/2013 14:45:50	13.78	50.46	33.06	8.97	8.16	7.0	3.235
296	6/10/2013 15:00:50	13.83	50.36	32.99	8.56	8.14	5.0	3.250
297	6/10/2013 15:15:50	13.76	50.43	33.04	8.74	8.14	5.9	3.237
298	6/10/2013 15:30:50	13.78	50.45	33.06	8.82	8.15	6.9	3.226
299	6/10/2013 15:45:50	13.83	50.45	33.06	8.83	8.15	9.9	3.179
300	6/10/2013 16:00:50	15.27	50.38	33.04	9.30	8.24	12.5	3.123
301	6/10/2013 16:15:50	15.40	50.40	33.07	9.43	8.25	13.4	3.060
302	6/10/2013 16:30:50	15.13	50.37	33.04	9.47	8.24	11.1	2.990
303	6/10/2013 16:45:50	15.29	50.44	33.09	9.56	8.25	12.2	2.915
304	6/10/2013 17:00:50	15.33	50.30	32.99	9.73	8.27	11.8	2.835
305	6/10/2013 17:15:50	15.87	50.38	33.06	9.79	8.30	11.7	2.776
306	6/10/2013 17:30:50	16.05	50.41	33.08	9.83	8.31	10.4	2.710
307	6/10/2013 17:45:50	16.40	50.39	33.08	9.97	8.33	11.1	2.637
308	6/10/2013 18:00:50	16.66	50.36	33.05	10.12	8.35	10.4	2.600
309	6/10/2013 18:15:50	17.23	50.42	33.11	10.05	8.38	12.0	2.533
310	6/10/2013 18:30:50	17.13	50.32	33.04	10.22	8.38	10.8	2.494
311	6/10/2013 18:45:50	17.54	50.34	33.05	10.31	8.42	10.0	2.461
312	6/10/2013 19:00:50	17.68	50.42	33.11	10.27	8.43	9.4	2.416
313	6/10/2013 19:15:50	18.04	50.29	33.02	10.27	8.45	8.7	2.411
314	6/10/2013 19:30:50	18.24	50.40	33.10	10.26	8.46	9.0	2.401

315	6/10/2013 19:45:50	18.28	50.40	33.10	9.95	8.45	9.5	2.394
316	6/10/2013 20:00:50	18.13	50.33	33.05	10.15	8.45	8.1	2.397
317	6/10/2013 20:15:50	17.96	50.38	33.09	10.28	8.44	9.4	2.432
318	6/10/2013 20:30:50	17.86	50.40	33.10	10.16	8.43	11.0	2.469
319	6/10/2013 20:45:50	17.85	50.30	33.03	10.08	8.43	9.5	2.511
320	6/10/2013 21:00:50	17.51	50.41	33.10	9.59	8.39	12.6	2.561
321	6/10/2013 21:15:50	17.66	50.37	33.08	9.70	8.38	10.9	2.623
322	6/10/2013 21:30:50	17.45	50.39	33.08	9.56	8.37	10.4	2.684
323	6/10/2013 21:45:50	17.21	50.36	33.07	9.59	8.36	9.8	2.750
324	6/10/2013 22:00:50	16.55	50.35	33.05	9.46	8.31	9.6	2.818
325	6/10/2013 22:15:50	15.90	50.41	33.08	9.25	8.27	9.2	2.891
326	6/10/2013 22:30:50	15.45	50.37	33.04	9.22	8.25	9.4	2.961
327	6/10/2013 22:45:50	15.17	50.40	33.06	9.14	8.23	8.5	3.031
328	6/10/2013 23:00:50	14.72	50.46	33.09	9.03	8.21	7.8	3.105
329	6/10/2013 23:15:50	14.51	50.43	33.06	8.99	8.19	8.1	3.176
330	6/10/2013 23:30:50	14.21	50.49	33.10	8.95	8.18	7.9	3.243
331	6/10/2013 23:45:50	13.90	50.47	33.08	9.00	8.16	7.2	3.325
332	6/11/2013 0:00:50	13.30	50.53	33.10	9.01	8.13	7.3	3.388
333	6/11/2013 0:15:50	12.97	50.54	33.09	8.96	8.11	7.1	3.448
334	6/11/2013 0:30:50	12.67	50.55	33.09	8.92	8.09	6.1	3.508
335	6/11/2013 0:45:50	12.48	50.49	33.03	8.90	8.08	6.2	3.548
336	6/11/2013 1:00:50	12.37	50.53	33.06	8.82	8.07	6.2	3.589
337	6/11/2013 1:15:50	12.27	50.60	33.11	8.75	8.06	5.4	3.617
338	6/11/2013 1:30:50	12.71	50.11	32.76	8.56	8.08	5.9	3.635
339	6/11/2013 1:45:50	12.33	50.56	33.08	8.57	8.06	4.3	3.633
340	6/11/2013 2:00:50	12.25	50.61	33.11	8.55	8.05	5.4	3.621
341	6/11/2013 2:15:50	12.27	50.54	33.06	8.59	8.05	5.7	3.585
342	6/11/2013 2:30:50	13.28	50.44	33.03	8.62	8.12	10.0	3.529
343	6/11/2013 2:45:50	13.24	50.53	33.09	8.64	8.12	8.4	3.467
344	6/11/2013 3:00:50	13.34	50.57	33.13	8.71	8.13	11.0	3.399
345	6/11/2013 3:15:50	13.97	50.48	33.08	8.57	8.18	10.0	3.294
346	6/11/2013 3:30:50	14.90	50.47	33.10	8.71	8.24	10.9	3.201
347	6/11/2013 3:45:50	14.87	50.38	33.04	8.73	8.24	10.2	3.104
348	6/11/2013 4:00:50	15.29	50.40	33.06	8.63	8.26	12.2	3.001
349	6/11/2013 4:15:50	15.47	50.46	33.11	8.59	8.27	11.5	2.906
350	6/11/2013 4:30:50	15.80	50.44	33.10	8.51	8.29	14.7	2.790
351	6/11/2013 4:45:50	16.12	50.44	33.11	8.47	8.31	15.1	2.694
352	6/11/2013 5:00:50	15.49	50.48	33.13	8.47	8.27	15.5	2.580
353	6/11/2013 5:15:50	16.22	50.47	33.13	8.52	8.31	15.5	2.453
354	6/11/2013 5:30:50	15.93	50.37	33.06	8.59	8.31	16.0	2.352
355	6/11/2013 5:45:50	15.63	50.44	33.10	8.48	8.29	14.2	2.221
356	6/11/2013 6:00:50	16.16	50.48	33.14	8.52	8.32	17.6	2.086
357	6/11/2013 6:15:50	16.18	50.48	33.14	8.52	8.32	17.7	1.966
358	6/11/2013 6:30:50	16.28	50.46	33.12	8.45	8.33	18.2	1.842
359	6/11/2013 6:45:50	16.60	50.39	33.08	8.40	8.34	21.0	1.713
360	6/11/2013 7:00:50	17.01	50.32	33.03	8.37	8.37	20.3	1.603
361	6/11/2013 7:15:50	17.18	50.44	33.12	8.39	8.38	18.8	1.511
362	6/11/2013 7:30:50	17.34	50.42	33.11	8.35	8.39	20.6	1.411
363	6/11/2013 7:45:50	17.64	50.50	33.17	8.32	8.41	16.5	1.351
364	6/11/2013 8:00:50	17.60	50.48	33.15	8.26	8.40	16.3	1.326
365	6/11/2013 8:15:50	17.67	50.46	33.14	8.19	8.41	15.3	1.300
366	6/11/2013 8:30:50	17.55	50.50	33.17	8.12	8.39	14.6	1.310
367	6/11/2013 8:45:50	17.58	50.42	33.11	8.18	8.40	13.7	1.355

368	6/11/2013 9:00:50	17.61	50.49	33.16	8.19	8.40	13.0	1.398
369	6/11/2013 9:15:50	17.66	50.49	33.16	8.23	8.41	13.3	1.450
370	6/11/2013 9:30:50	17.77	50.41	33.11	8.38	8.43	12.5	1.526
371	6/11/2013 9:45:50	17.76	50.52	33.18	8.34	8.42	13.3	1.586
372	6/11/2013 10:00:50	17.87	50.39	33.09	7.98	8.40	15.7	1.672
373	6/11/2013 10:15:50	17.83	50.38	33.08	7.83	8.39	18.1	1.753
374	6/11/2013 10:30:50	17.70	50.40	33.10	7.85	8.39	20.2	1.808
375	6/11/2013 10:45:50	17.59	50.41	33.10	7.94	8.38	16.4	1.898
376	6/11/2013 11:00:50	17.45	50.39	33.08	8.09	8.38	15.6	1.998
377	6/11/2013 11:15:50	17.37	50.40	33.09	8.10	8.38	14.7	2.082
378	6/11/2013 11:30:50	17.29	50.43	33.12	8.10	8.37	15.1	2.173
379	6/11/2013 11:45:50	17.02	50.40	33.09	8.19	8.34	14.4	2.264
380	6/11/2013 12:00:50	16.78	50.36	33.06	8.26	8.32	13.1	2.366
381	6/11/2013 12:15:50	16.66	50.38	33.08	8.21	8.30	13.1	2.451
382	6/11/2013 12:30:50	16.61	50.38	33.07	8.27	8.30	12.6	2.526
383	6/11/2013 12:45:50	16.57	50.42	33.10	8.30	8.30	12.9	2.619
384	6/11/2013 13:00:50	16.37	50.44	33.11	8.37	8.29	13.9	2.695
385	6/11/2013 13:15:50	16.23	50.39	33.07	8.45	8.28	13.8	2.776
386	6/11/2013 13:30:50	15.91	50.43	33.10	8.42	8.26	14.1	2.847
387	6/11/2013 13:45:50	15.60	50.38	33.05	8.54	8.25	15.4	2.919
388	6/11/2013 14:00:50	15.32	50.31	33.00	8.73	8.24	13.9	2.989
389	6/11/2013 14:15:50	15.08	50.41	33.07	8.72	8.22	14.1	3.052
390	6/11/2013 14:30:50	14.56	50.47	33.09	8.73	8.19	13.6	3.105
391	6/11/2013 14:45:50	14.27	50.45	33.07	8.66	8.17	11.2	3.154
392	6/11/2013 15:00:50	13.86	50.43	33.04	8.70	8.15	9.0	3.196
393	6/11/2013 15:15:50	13.61	50.50	33.09	8.73	8.14	7.6	3.231
394	6/11/2013 15:30:50	14.18	50.36	33.00	8.71	8.17	8.9	3.241
395	6/11/2013 15:45:50	13.72	50.45	33.05	8.59	8.14	6.7	3.238
396	6/11/2013 16:00:50	13.84	50.44	33.05	8.53	8.14	8.4	3.221
397	6/11/2013 16:15:50	14.30	50.43	33.06	8.50	8.16	10.7	3.190
398	6/11/2013 16:30:50	15.19	50.46	33.10	8.79	8.22	18.4	3.136
399	6/11/2013 16:45:50	15.27	50.43	33.08	8.87	8.23	24.7	3.071
400	6/11/2013 17:00:50	15.35	50.45	33.10	8.89	8.23	26.0	3.012
401	6/11/2013 17:15:50	15.34	50.42	33.07	8.85	8.23	26.6	2.929
402	6/11/2013 17:30:50	15.37	50.40	33.07	8.87	8.23	28.5	2.866
403	6/11/2013 17:45:50	15.62	50.41	33.08	8.88	8.25	23.8	2.800
404	6/11/2013 18:00:50	15.88	50.46	33.11	8.91	8.27	22.9	2.727
405	6/11/2013 18:15:50	16.41	50.42	33.10	8.82	8.30	24.5	2.664
406	6/11/2013 18:30:50	16.53	50.45	33.12	8.71	8.30	25.7	2.620
407	6/11/2013 18:45:50	17.06	50.49	33.16	8.60	8.33	27.4	2.572
408	6/11/2013 19:00:50	17.17	50.43	33.11	8.54	8.33	23.5	2.503
409	6/11/2013 19:15:50	17.24	50.36	33.06	8.54	8.34	25.0	2.473
410	6/11/2013 19:30:50	17.33	50.42	33.11	8.50	8.35	24.5	2.453
411	6/11/2013 19:45:50	17.48	50.44	33.13	8.42	8.36	22.8	2.407
412	6/11/2013 20:00:50	17.53	50.51	33.18	8.47	8.37	21.3	2.395
413	6/11/2013 20:15:50	17.64	50.47	33.15	8.41	8.38	18.7	2.391
414	6/11/2013 20:30:50	17.81	50.42	33.12	8.34	8.39	16.1	2.403
415	6/11/2013 20:45:50	17.80	50.52	33.19	8.22	8.38	16.1	2.416
416	6/11/2013 21:00:50	17.84	50.36	33.07	8.31	8.39	13.7	2.440
417	6/11/2013 21:15:50	17.73	50.47	33.15	8.32	8.38	15.5	2.473
418	6/11/2013 21:30:50	17.88	50.52	33.19	8.33	8.40	16.1	2.525
419	6/11/2013 21:45:50	17.68	50.40	33.10	8.18	8.38	19.6	2.583
420	6/11/2013 22:00:50	17.45	50.47	33.14	8.13	8.35	16.9	2.634

421	6/11/2013 22:15:50	17.79	50.39	33.09	8.13	8.36	17.6	2.699
422	6/11/2013 22:30:50	17.63	50.46	33.14	8.15	8.36	16.1	2.754
423	6/11/2013 22:45:50	17.28	50.45	33.13	8.31	8.34	16.6	2.817
424	6/11/2013 23:00:50	16.51	50.47	33.13	8.33	8.29	16.4	2.883
425	6/11/2013 23:15:50	15.92	50.46	33.12	8.33	8.26	13.1	2.938
426	6/11/2013 23:30:50	15.05	50.48	33.12	8.38	8.21	15.3	3.008
427	6/11/2013 23:45:50	14.49	50.54	33.15	8.33	8.17	14.4	3.067
428	6/12/2013 0:00:50	14.32	50.53	33.13	8.29	8.16	11.6	3.132
429	6/12/2013 0:15:50	13.86	50.47	33.08	8.26	8.14	11.2	3.195
430	6/12/2013 0:30:50	13.58	50.52	33.10	8.15	8.12	10.6	3.262
431	6/12/2013 0:45:51	13.43	50.58	33.14	8.11	8.12	9.4	3.318
432	6/12/2013 1:00:51	13.41	50.59	33.14	8.16	8.12	11.0	3.379
433	6/12/2013 1:15:50	13.03	50.52	33.08	8.19	8.10	8.8	3.433
434	6/12/2013 1:30:50	12.78	50.57	33.11	8.10	8.09	6.5	3.468
435	6/12/2013 1:45:50	12.73	50.57	33.10	8.11	8.08	6.2	3.513
436	6/12/2013 2:00:50	12.60	50.60	33.12	8.00	8.07	5.9	3.536
437	6/12/2013 2:15:50	13.14	50.55	33.11	7.99	8.11	8.5	3.538
438	6/12/2013 2:30:50	12.63	50.61	33.13	7.87	8.06	6.3	3.536
439	6/12/2013 2:45:50	12.64	50.58	33.11	7.91	8.07	6.5	3.507
440	6/12/2013 3:00:50	13.02	50.54	33.09	7.95	8.10	9.8	3.465
441	6/12/2013 3:15:50	13.42	50.57	33.13	7.99	8.12	12.0	3.405
442	6/12/2013 3:30:50	13.43	50.50	33.08	8.02	8.13	15.0	3.329
443	6/12/2013 3:45:50	13.35	50.45	33.04	8.06	8.12	16.4	3.256
444	6/12/2013 4:00:50	13.57	50.47	33.06	8.03	8.14	15.5	3.166
445	6/12/2013 4:15:50	14.08	50.54	33.13	7.94	8.17	19.9	3.073
446	6/12/2013 4:30:50	14.05	50.51	33.11	7.91	8.17	21.6	2.979
447	6/12/2013 4:45:50	13.90	50.61	33.18	7.90	8.16	17.6	2.880
448	6/12/2013 5:00:50	14.12	50.58	33.16	7.80	8.17	18.2	2.771
449	6/12/2013 5:15:50	13.78	50.68	33.22	7.84	8.16	18.7	2.684
450	6/12/2013 5:30:50	15.00	50.56	33.17	7.57	8.23	21.3	2.572
451	6/12/2013 5:45:50	15.34	50.50	33.13	7.63	8.25	22.8	2.454
452	6/12/2013 6:00:50	15.09	50.60	33.21	7.67	8.25	26.3	2.330
453	6/12/2013 6:15:50	15.57	50.55	33.18	7.60	8.27	25.0	2.222
454	6/12/2013 6:30:50	15.60	50.63	33.23	7.55	8.27	25.6	2.096
455	6/12/2013 6:45:50	15.95	50.56	33.19	7.47	8.29	25.5	1.976
456	6/12/2013 7:00:50	15.99	50.61	33.23	7.39	8.29	23.8	1.863
457	6/12/2013 7:15:51	16.00	50.62	33.24	7.35	8.29	24.1	1.738
458	6/12/2013 7:30:50	16.37	50.61	33.24	7.23	8.31	25.5	1.655
459	6/12/2013 7:45:50	16.53	50.58	33.22	7.19	8.31	22.6	1.542
460	6/12/2013 8:00:50	16.73	50.62	33.25	7.14	8.32	21.9	1.462
461	6/12/2013 8:15:50	16.90	50.58	33.22	7.01	8.33	20.3	1.402
462	6/12/2013 8:30:50	16.92	50.63	33.26	6.97	8.32	19.9	1.369
463	6/12/2013 8:45:50	16.93	50.61	33.25	6.97	8.32	17.6	1.340
464	6/12/2013 9:00:50	16.89	50.55	33.20	6.93	8.32	19.4	1.349
465	6/12/2013 9:15:50	16.96	50.61	33.25	6.85	8.32	17.0	1.376
466	6/12/2013 9:30:50	16.95	50.61	33.24	6.89	8.32	17.2	1.419
467	6/12/2013 9:45:50	16.99	50.62	33.25	6.85	8.33	18.9	1.469
468	6/12/2013 10:00:50	16.96	50.61	33.24	6.88	8.32	19.1	1.524
469	6/12/2013 10:15:50	16.92	50.62	33.25	6.81	8.32	21.2	1.591
470	6/12/2013 10:30:50	16.89	50.50	33.16	6.80	8.32	23.6	1.665
471	6/12/2013 10:45:50	16.80	50.60	33.23	6.78	8.32	23.8	1.740
472	6/12/2013 11:00:50	16.83	50.57	33.21	6.80	8.32	22.1	1.800
473	6/12/2013 11:15:50	16.82	50.58	33.22	6.81	8.32	20.3	1.887

474	6/12/2013 11:30:50	16.78	50.62	33.25	6.83	8.32	20.3	1.969
475	6/12/2013 11:45:50	16.77	50.59	33.23	6.90	8.32	21.9	2.058
476	6/12/2013 12:00:50	16.73	50.60	33.24	7.08	8.31	21.1	2.147
477	6/12/2013 12:15:50	16.66	50.59	33.23	7.02	8.31	21.3	2.221
478	6/12/2013 12:30:50	16.46	50.57	33.21	7.14	8.30	27.4	2.322
479	6/12/2013 12:45:50	16.24	50.55	33.19	7.36	8.28	21.1	2.408
480	6/12/2013 13:00:50	16.10	50.54	33.18	7.44	8.27	19.6	2.491
481	6/12/2013 13:15:50	16.03	50.50	33.15	7.49	8.26	18.4	2.574
482	6/12/2013 13:30:50	16.04	50.58	33.21	7.55	8.26	16.4	2.651
483	6/12/2013 13:45:50	15.89	50.54	33.17	7.59	8.26	19.9	2.739
484	6/12/2013 14:00:50	15.73	50.54	33.17	7.66	8.25	21.6	2.804
485	6/12/2013 14:15:50	15.59	50.53	33.16	7.75	8.24	21.2	2.873
486	6/12/2013 14:30:50	15.34	50.50	33.14	7.78	8.22	20.3	2.942
487	6/12/2013 14:45:50	15.09	50.42	33.07	7.97	8.21	18.3	2.997
488	6/12/2013 15:00:50	14.88	50.48	33.11	8.06	8.20	17.9	3.062
489	6/12/2013 15:15:50	14.57	50.48	33.10	8.13	8.19	16.2	3.102
490	6/12/2013 15:30:50	14.39	50.38	33.02	8.05	8.17	11.5	3.143
491	6/12/2013 15:45:50	14.21	50.52	33.12	8.02	8.16	10.9	3.178
492	6/12/2013 16:00:50	14.03	50.47	33.08	7.94	8.15	6.4	3.197
493	6/12/2013 16:15:50	13.96	50.46	33.07	7.60	8.12	6.6	3.213
494	6/12/2013 16:30:50	13.94	50.54	33.13	7.85	8.13	10.8	3.189
495	6/12/2013 16:45:50	14.08	50.40	33.03	7.93	8.15	15.3	3.168
496	6/12/2013 17:00:50	14.54	50.49	33.11	7.88	8.17	13.6	3.135
497	6/12/2013 17:15:50	15.58	50.51	33.15	8.21	8.23	21.1	3.068
498	6/12/2013 17:30:50	15.80	50.50	33.14	8.25	8.25	25.2	3.012
499	6/12/2013 17:45:50	15.87	50.49	33.14	8.46	8.25	25.0	2.941
500	6/12/2013 18:00:50	15.77	50.50	33.14	8.54	8.26	20.8	2.875
501	6/12/2013 18:15:50	15.69	50.50	33.14	8.60	8.25	18.3	2.796
502	6/12/2013 18:30:50	15.66	50.51	33.15	8.61	8.25	18.3	2.736
503	6/12/2013 18:45:50	15.68	50.50	33.14	8.66	8.26	17.3	2.670
504	6/12/2013 19:00:50	16.07	50.51	33.16	8.53	8.28	19.5	2.609
505	6/12/2013 19:15:50	16.21	50.52	33.16	8.59	8.29	21.3	2.547
506	6/12/2013 19:30:50	16.72	50.51	33.16	8.42	8.31	24.3	2.505
507	6/12/2013 19:45:50	16.77	50.51	33.17	8.39	8.32	19.8	2.460
508	6/12/2013 20:00:50	16.97	50.60	33.24	8.34	8.33	19.7	2.412
509	6/12/2013 20:15:50	17.11	50.59	33.23	8.29	8.34	17.3	2.385
510	6/12/2013 20:30:50	17.33	50.62	33.26	8.26	8.36	17.9	2.356
511	6/12/2013 20:45:50	17.46	50.57	33.22	8.22	8.36	17.5	2.346
512	6/12/2013 21:00:50	17.61	50.66	33.28	8.23	8.37	16.6	2.333
513	6/12/2013 21:15:50	17.74	50.60	33.25	8.09	8.38	13.5	2.345
514	6/12/2013 21:30:50	17.83	50.56	33.21	8.09	8.38	13.0	2.365
515	6/12/2013 21:45:50	17.77	50.66	33.29	8.08	8.39	13.0	2.384
516	6/12/2013 22:00:50	17.70	50.65	33.28	8.11	8.38	14.3	2.424
517	6/12/2013 22:15:50	17.63	50.66	33.29	8.08	8.37	15.2	2.456
518	6/12/2013 22:30:50	17.52	50.62	33.25	7.96	8.36	17.3	2.516
519	6/12/2013 22:45:50	17.31	50.63	33.26	7.82	8.33	19.2	2.575
520	6/12/2013 23:00:50	17.63	50.56	33.21	7.78	8.34	16.6	2.613
521	6/12/2013 23:15:50	17.44	50.62	33.26	7.72	8.33	16.8	2.677
522	6/12/2013 23:30:50	17.19	50.63	33.27	7.82	8.31	15.6	2.734
523	6/12/2013 23:45:50	16.68	50.60	33.23	7.88	8.28	16.1	2.793
524	6/13/2013 0:00:50	16.17	50.56	33.19	7.88	8.26	13.6	2.844
525	6/13/2013 0:15:50	15.72	50.49	33.14	7.89	8.23	13.6	2.904
526	6/13/2013 0:30:50	15.15	50.54	33.16	7.97	8.20	13.7	2.963

527	6/13/2013 0:45:50	14.74	50.56	33.17	7.94	8.18	10.2	3.010
528	6/13/2013 1:00:50	14.68	50.53	33.14	7.91	8.18	10.2	3.079
529	6/13/2013 1:15:50	14.44	50.51	33.12	7.96	8.17	9.5	3.123
530	6/13/2013 1:30:50	14.04	50.54	33.13	7.90	8.14	10.1	3.179
531	6/13/2013 1:45:50	13.78	50.49	33.09	7.83	8.13	9.3	3.236
532	6/13/2013 2:00:50	13.66	50.57	33.14	7.80	8.12	9.2	3.277
533	6/13/2013 2:15:50	13.65	50.42	33.03	7.75	8.12	8.0	3.319
534	6/13/2013 2:30:50	13.48	50.42	33.02	7.80	8.11	7.2	3.345
535	6/13/2013 2:45:50	13.33	50.49	33.07	7.71	8.10	5.4	3.370
536	6/13/2013 3:00:51	13.80	50.62	33.18	7.67	8.13	10.1	3.372
537	6/13/2013 3:15:50	13.38	50.57	33.13	7.60	8.10	7.8	3.358
538	6/13/2013 3:30:50	13.31	50.60	33.15	7.62	8.09	6.5	3.341
539	6/13/2013 3:45:51	13.50	50.62	33.17	7.58	8.10	9.7	3.294
540	6/13/2013 4:00:51	13.70	50.61	33.17	7.57	8.12	11.1	3.246
541	6/13/2013 4:15:50	14.07	50.56	33.14	7.67	8.14	12.5	3.168
542	6/13/2013 4:30:50	14.01	50.54	33.13	7.74	8.14	15.3	3.097
543	6/13/2013 4:45:50	14.17	50.54	33.13	7.71	8.16	14.2	3.013
544	6/13/2013 5:00:50	14.41	50.59	33.18	7.66	8.18	14.2	2.921
545	6/13/2013 5:15:51	14.51	50.66	33.23	7.58	8.18	16.7	2.834
546	6/13/2013 5:30:50	14.44	50.58	33.17	7.58	8.18	15.5	2.735
547	6/13/2013 5:45:50	14.71	50.57	33.17	7.39	8.19	18.4	2.646
548	6/13/2013 6:00:50	14.66	50.58	33.17	7.34	8.19	18.5	2.541
549	6/13/2013 6:15:50	14.58	50.61	33.20	7.39	8.18	18.0	2.427
550	6/13/2013 6:30:50	14.94	50.69	33.27	7.37	8.21	20.5	2.329
551	6/13/2013 6:45:50	15.63	50.62	33.23	7.31	8.24	20.8	2.220
552	6/13/2013 7:00:50	15.47	50.69	33.28	7.36	8.24	20.8	2.101
553	6/13/2013 7:15:50	15.48	50.64	33.24	7.38	8.25	21.9	1.984
554	6/13/2013 7:30:50	15.91	50.67	33.27	7.29	8.26	22.5	1.889
555	6/13/2013 7:45:50	16.15	50.59	33.22	7.26	8.28	21.3	1.794
556	6/13/2013 8:00:50	16.24	50.70	33.30	7.26	8.28	21.1	1.683
557	6/13/2013 8:15:50	16.44	50.71	33.31	7.20	8.29	21.4	1.612
558	6/13/2013 8:30:50	16.62	50.70	33.31	7.15	8.30	19.8	1.539
559	6/13/2013 8:45:50	16.72	50.70	33.30	7.04	8.30	19.3	1.478
560	6/13/2013 9:00:50	16.73	50.74	33.33	7.04	8.30	19.8	1.436
561	6/13/2013 9:15:50	16.75	50.72	33.32	7.06	8.30	17.8	1.412
562	6/13/2013 9:30:50	16.68	50.68	33.29	7.05	8.29	18.3	1.431
563	6/13/2013 9:45:50	16.76	50.71	33.31	7.02	8.29	16.4	1.425
564	6/13/2013 10:00:50	16.86	50.63	33.26	6.88	8.30	15.8	1.461
565	6/13/2013 10:15:50	16.88	50.69	33.30	6.84	8.30	19.6	1.510
566	6/13/2013 10:30:50	16.90	50.65	33.28	6.82	8.30	19.2	1.557
567	6/13/2013 10:45:50	16.87	50.67	33.29	6.83	8.30	20.8	1.610
568	6/13/2013 11:00:50	16.83	50.66	33.28	6.82	8.29	22.4	1.685
569	6/13/2013 11:15:50	16.78	50.74	33.34	6.76	8.29	24.7	1.754
570	6/13/2013 11:30:50	16.71	50.64	33.27	6.75	8.28	23.9	1.822
571	6/13/2013 11:45:50	16.65	50.67	33.28	6.63	8.28	22.5	1.887
572	6/13/2013 12:00:50	16.72	50.79	33.38	6.55	8.27	26.0	1.956
573	6/13/2013 12:15:50	16.78	50.80	33.38	6.56	8.28	26.1	2.057
574	6/13/2013 12:30:50	16.80	50.76	33.36	6.58	8.28	25.1	2.124
575	6/13/2013 12:45:50	16.82	50.77	33.36	6.57	8.28	25.2	2.209
576	6/13/2013 13:00:50	16.80	50.80	33.38	6.62	8.28	26.4	2.299
577	6/13/2013 13:15:50	16.64	50.64	33.26	6.83	8.27	25.5	2.382
578	6/13/2013 13:30:50	16.39	50.63	33.25	7.13	8.26	23.3	2.468
579	6/13/2013 13:45:50	16.16	50.64	33.26	7.27	8.24	21.5	2.544

580	6/13/2013 14:00:50	16.09	50.58	33.21	7.38	8.24	18.3	2.632
581	6/13/2013 14:15:50	16.08	50.52	33.17	7.44	8.24	19.3	2.710
582	6/13/2013 14:30:50	16.05	50.61	33.23	7.45	8.23	18.8	2.772
583	6/13/2013 14:45:50	15.91	50.56	33.19	7.58	8.22	18.5	2.845
584	6/13/2013 15:00:50	15.83	50.56	33.19	7.70	8.22	17.9	2.910
585	6/13/2013 15:15:50	15.51	50.51	33.15	7.79	8.21	17.5	2.972
586	6/13/2013 15:30:51	15.20	50.50	33.13	7.88	8.19	17.0	3.022
587	6/13/2013 15:45:50	14.98	50.37	33.03	7.92	8.18	15.1	3.075
588	6/13/2013 16:00:50	14.82	50.44	33.08	8.02	8.17	13.9	3.115
589	6/13/2013 16:15:51	14.71	50.53	33.14	8.00	8.16	11.8	3.154
590	6/13/2013 16:30:50	14.55	50.46	33.09	7.86	8.15	8.8	3.169
591	6/13/2013 16:45:50	14.89	50.55	33.16	7.86	8.16	8.1	3.191
592	6/13/2013 17:00:50	14.50	50.49	33.11	7.74	8.14	8.6	3.190
593	6/13/2013 17:15:50	14.36	50.52	33.13	7.69	8.13	11.6	3.161
594	6/13/2013 17:30:51	14.67	50.54	33.15	7.70	8.15	13.0	3.135
595	6/13/2013 17:45:50	15.08	50.49	33.12	7.79	8.17	16.2	3.090
596	6/13/2013 18:00:50	15.80	50.56	33.19	8.08	8.22	20.1	3.026
597	6/13/2013 18:15:50	16.07	50.54	33.18	8.17	8.23	22.1	2.959
598	6/13/2013 18:30:50	16.08	50.49	33.15	8.32	8.24	21.5	2.892
599	6/13/2013 18:45:50	16.01	50.56	33.19	8.45	8.24	22.8	2.824
600	6/13/2013 19:00:50	15.95	50.53	33.17	8.43	8.24	19.8	2.758
601	6/13/2013 19:15:50	15.77	50.49	33.14	8.55	8.24	18.0	2.687
602	6/13/2013 19:30:50	16.17	50.58	33.21	8.43	8.26	21.4	2.630
603	6/13/2013 19:45:50	16.44	50.52	33.17	8.27	8.26	24.2	2.567
604	6/13/2013 20:00:50	16.30	50.54	33.18	8.28	8.27	21.9	2.514
605	6/13/2013 20:15:50	16.85	50.63	33.26	8.17	8.30	23.1	2.450
606	6/13/2013 20:30:50	16.79	50.70	33.31	8.19	8.30	23.3	2.404
607	6/13/2013 20:45:50	16.92	50.67	33.28	8.16	8.31	23.0	2.382
608	6/13/2013 21:00:50	17.03	50.63	33.26	8.07	8.31	21.7	2.326
609	6/13/2013 21:15:50	16.94	50.53	33.19	8.06	8.31	19.9	2.299
610	6/13/2013 21:30:50	16.94	50.64	33.27	8.05	8.31	21.1	2.294
611	6/13/2013 21:45:50	17.07	50.73	33.33	7.97	8.31	19.5	2.281
612	6/13/2013 22:00:51	17.09	50.74	33.34	7.86	8.31	17.9	2.282
613	6/13/2013 22:15:50	17.09	50.65	33.28	7.58	8.29	16.0	2.298
614	6/13/2013 22:30:50	17.53	50.73	33.34	7.90	8.33	13.4	2.318
615	6/13/2013 22:45:50	17.36	50.73	33.33	8.02	8.33	14.6	2.344
616	6/13/2013 23:00:50	17.45	50.74	33.35	8.02	8.34	13.5	2.376
617	6/13/2013 23:15:50	17.37	50.71	33.32	7.82	8.32	15.9	2.420
618	6/13/2013 23:30:50	17.38	50.74	33.35	7.93	8.33	17.6	2.474
619	6/13/2013 23:45:50	17.20	50.62	33.25	7.74	8.30	16.9	2.512
620	6/14/2013 0:00:50	17.11	50.61	33.25	7.74	8.30	15.0	2.567
621	6/14/2013 0:15:50	17.20	50.65	33.28	7.74	8.29	15.3	2.626
622	6/14/2013 0:30:50	17.22	50.63	33.26	7.70	8.29	15.9	2.675
623	6/14/2013 0:45:50	17.08	50.67	33.29	7.73	8.28	13.2	2.722
624	6/14/2013 1:00:50	16.47	50.68	33.29	7.76	8.25	14.2	2.777
625	6/14/2013 1:15:50	15.86	50.62	33.23	7.78	8.21	12.4	2.829
626	6/14/2013 1:30:50	15.58	50.58	33.20	7.80	8.20	12.0	2.876
627	6/14/2013 1:45:50	15.21	50.62	33.22	7.80	8.18	11.7	2.923
628	6/14/2013 2:00:50	14.90	50.52	33.14	7.86	8.16	9.8	2.974
629	6/14/2013 2:15:50	14.81	50.56	33.17	7.84	8.16	9.5	3.018
630	6/14/2013 2:30:50	14.68	50.61	33.20	7.83	8.15	9.0	3.055
631	6/14/2013 2:45:50	14.59	50.44	33.07	7.79	8.15	8.1	3.101
632	6/14/2013 3:00:50	14.33	50.61	33.19	7.83	8.13	7.6	3.136

633	6/14/2013 3:15:51	14.25	50.58	33.17	7.74	8.13	9.3	3.152
634	6/14/2013 3:30:50	15.16	50.74	33.31	7.26	8.23	17.1	3.169
635	6/14/2013 3:45:50	15.17	50.75	33.31	7.28	8.23	13.4	3.183
636	6/14/2013 4:00:50	14.59	50.59	33.18	7.40	8.15	9.2	3.172
637	6/14/2013 4:15:50	14.79	50.69	33.26	7.33	8.18	13.7	3.144
638	6/14/2013 4:30:51	14.58	50.61	33.20	7.45	8.15	10.9	3.109
639	6/14/2013 4:45:50	14.87	50.64	33.23	7.38	8.17	13.7	3.064
640	6/14/2013 5:00:50	14.97	50.56	33.17	7.49	8.16	14.0	3.005
641	6/14/2013 5:15:50	14.77	50.54	33.15	7.56	8.15	14.1	2.933
642	6/14/2013 5:30:50	14.68	50.58	33.18	7.57	8.15	13.3	2.862
643	6/14/2013 5:45:50	14.62	50.55	33.16	7.57	8.14	12.8	2.774
644	6/14/2013 6:00:50	14.77	50.66	33.24	7.51	8.15	13.7	2.701
645	6/14/2013 6:15:50	15.12	50.61	33.21	7.43	8.18	14.7	2.599
646	6/14/2013 6:30:50	14.69	50.56	33.17	7.50	8.16	15.6	2.513
647	6/14/2013 6:45:50	15.40	50.64	33.24	7.31	8.20	16.0	2.439
648	6/14/2013 7:00:50	15.51	50.69	33.28	7.24	8.19	17.5	2.329
649	6/14/2013 7:15:50	15.78	50.67	33.27	7.19	8.22	16.8	2.240
650	6/14/2013 7:30:50	15.69	50.65	33.25	7.30	8.22	17.8	2.126
651	6/14/2013 7:45:50	16.05	50.74	33.32	7.27	8.24	18.0	2.035
652	6/14/2013 8:00:50	16.08	50.63	33.25	7.30	8.24	18.3	1.947
653	6/14/2013 8:15:50	16.09	50.75	33.34	7.32	8.24	18.1	1.837
654	6/14/2013 8:30:50	16.43	50.70	33.30	7.27	8.27	18.6	1.766
655	6/14/2013 8:45:50	16.41	50.74	33.33	7.29	8.27	17.5	1.690
656	6/14/2013 9:00:50	16.68	50.81	33.39	7.22	8.28	17.8	1.616
657	6/14/2013 9:15:50	16.72	50.76	33.35	7.22	8.28	18.1	1.559
658	6/14/2013 9:30:50	16.82	50.77	33.36	7.15	8.28	20.5	1.524
659	6/14/2013 9:45:50	16.88	50.81	33.39	7.08	8.29	20.3	1.501
660	6/14/2013 10:00:50	16.85	50.76	33.35	7.01	8.27	14.5	1.486
661	6/14/2013 10:15:50	16.97	50.73	33.33	6.86	8.27	14.0	1.491
662	6/14/2013 10:30:50	16.92	50.74	33.34	7.04	8.28	13.6	1.517
663	6/14/2013 10:45:50	16.86	50.70	33.31	7.05	8.28	17.1	1.534
664	6/14/2013 11:00:50	16.94	50.67	33.29	6.98	8.28	16.7	1.590
665	6/14/2013 11:15:50	16.99	50.76	33.36	6.91	8.29	17.6	1.630
666	6/14/2013 11:30:50	16.92	50.77	33.36	6.92	8.28	20.4	1.679
667	6/14/2013 11:45:50	16.89	50.73	33.33	6.88	8.27	20.1	1.754
668	6/14/2013 12:00:50	16.83	50.72	33.32	6.87	8.27	20.3	1.816
669	6/14/2013 12:15:50	16.84	50.70	33.31	6.85	8.26	18.1	1.886
670	6/14/2013 12:30:50	16.82	50.75	33.35	6.83	8.26	18.0	1.960
671	6/14/2013 12:45:50	16.78	50.71	33.31	6.83	8.26	17.5	2.038
672	6/14/2013 13:00:50	16.78	50.69	33.30	6.93	8.26	18.3	2.113
673	6/14/2013 13:15:50	16.78	50.71	33.32	7.04	8.26	17.3	2.195
674	6/14/2013 13:30:50	16.77	50.73	33.33	6.95	8.27	20.3	2.277
675	6/14/2013 13:45:50	16.54	50.74	33.33	7.01	8.25	19.2	2.359
676	6/14/2013 14:00:50	16.40	50.65	33.26	7.21	8.23	19.0	2.430
677	6/14/2013 14:15:50	16.17	50.66	33.27	7.31	8.22	16.9	2.512
678	6/14/2013 14:30:50	15.99	50.53	33.17	7.41	8.21	16.9	2.595
679	6/14/2013 14:45:50	15.93	50.60	33.22	7.50	8.21	17.7	2.661
680	6/14/2013 15:00:50	15.80	50.58	33.20	7.56	8.20	16.5	2.727
681	6/14/2013 15:15:50	15.77	50.57	33.19	7.64	8.20	17.5	2.805
682	6/14/2013 15:30:50	15.34	50.46	33.10	7.70	8.17	17.8	2.874
683	6/14/2013 15:45:50	15.04	50.49	33.12	7.85	8.16	20.5	2.934
684	6/14/2013 16:00:50	14.85	50.40	33.05	8.09	8.16	16.9	2.991
685	6/14/2013 16:15:50	14.77	50.45	33.09	8.22	8.15	15.9	3.058

686	6/14/2013 16:30:50	14.54	50.42	33.06	8.29	8.14	13.7	3.109
687	6/14/2013 16:45:50	14.33	50.50	33.11	8.17	8.13	10.4	3.146
688	6/14/2013 17:00:50	14.01	50.53	33.12	8.01	8.10	9.0	3.184
689	6/14/2013 17:15:50	13.76	50.46	33.06	8.04	8.09	6.6	3.206
690	6/14/2013 17:30:50	14.26	50.42	33.05	8.03	8.12	8.7	3.217
691	6/14/2013 17:45:50	13.75	50.59	33.16	7.81	8.08	9.9	3.204
692	6/14/2013 18:00:50	13.78	50.36	32.99	7.88	8.08	11.5	3.170
693	6/14/2013 18:15:50	14.06	50.44	33.05	7.83	8.09	11.0	3.142
694	6/14/2013 18:30:51	15.14	50.52	33.15	7.98	8.16	17.7	3.089
695	6/14/2013 18:45:50	15.61	50.48	33.13	8.42	8.20	18.7	3.022
696	6/14/2013 19:00:50	15.45	50.55	33.18	8.54	8.20	16.9	2.953
697	6/14/2013 19:15:51	15.69	50.54	33.18	8.65	8.22	17.7	2.887
698	6/14/2013 19:30:51	15.62	50.54	33.17	8.74	8.23	14.7	2.832
699	6/14/2013 19:45:50	15.77	50.54	33.18	8.80	8.24	13.3	2.766
700	6/14/2013 20:00:50	15.91	50.47	33.12	8.71	8.24	14.5	2.684
701	6/14/2013 20:15:50	15.86	50.50	33.15	8.69	8.24	15.1	2.636
702	6/14/2013 20:30:50	16.22	50.54	33.18	8.65	8.26	15.6	2.578
703	6/14/2013 20:45:50	16.37	50.49	33.15	8.70	8.27	14.6	2.501
704	6/14/2013 21:00:50	16.51	50.52	33.17	8.67	8.27	14.2	2.456
705	6/14/2013 21:15:50	16.70	50.67	33.28	8.71	8.29	14.0	2.407
706	6/14/2013 21:30:50	17.13	50.69	33.31	8.67	8.31	13.6	2.354
707	6/14/2013 21:45:50	17.23	50.60	33.24	8.78	8.32	12.2	2.313
708	6/14/2013 22:00:50	17.68	50.76	33.36	8.93	8.36	11.7	2.284
709	6/14/2013 22:15:50	17.90	50.67	33.30	8.91	8.37	12.4	2.264
710	6/14/2013 22:30:50	17.96	50.76	33.36	8.92	8.37	11.2	2.237
711	6/14/2013 22:45:50	17.96	50.77	33.37	8.85	8.37	11.6	2.231
712	6/14/2013 23:00:50	18.01	50.77	33.37	8.65	8.36	9.5	2.247
713	6/14/2013 23:15:50	17.97	50.76	33.37	8.71	8.36	13.8	2.243
714	6/14/2013 23:30:50	17.78	50.71	33.33	8.67	8.35	12.1	2.247
715	6/14/2013 23:45:50	17.71	50.69	33.31	8.60	8.34	12.8	2.286
716	6/15/2013 0:00:50	17.66	50.68	33.30	8.56	8.33	15.0	2.328
717	6/15/2013 0:15:50	17.54	50.72	33.33	8.47	8.32	14.8	2.357
718	6/15/2013 0:30:50	17.41	50.64	33.27	8.32	8.31	15.9	2.401
719	6/15/2013 0:45:50	17.59	50.66	33.29	8.27	8.30	13.3	2.455
720	6/15/2013 1:00:50	17.59	50.72	33.33	8.11	8.29	14.2	2.500
721	6/15/2013 1:15:50	17.36	50.67	33.29	8.08	8.28	13.9	2.547
722	6/15/2013 1:30:50	17.20	50.65	33.28	8.07	8.27	13.4	2.592
723	6/15/2013 1:45:50	16.84	50.65	33.27	8.09	8.25	11.7	2.645
724	6/15/2013 2:00:50	16.37	50.58	33.21	8.04	8.22	10.3	2.700
725	6/15/2013 2:15:50	16.06	50.58	33.21	7.95	8.20	9.4	2.740
726	6/15/2013 2:30:51	15.76	50.59	33.21	7.92	8.19	9.3	2.782
727	6/15/2013 2:45:51	15.44	50.56	33.18	7.89	8.17	8.9	2.841
728	6/15/2013 3:00:50	15.11	50.53	33.15	7.83	8.15	13.6	2.878
729	6/15/2013 3:15:50	14.99	50.51	33.14	7.89	8.15	8.3	2.922
730	6/15/2013 3:30:50	14.84	50.45	33.09	7.90	8.14	7.9	2.964
731	6/15/2013 3:45:50	14.74	50.51	33.13	7.81	8.13	8.1	3.003
732	6/15/2013 4:00:50	14.61	50.45	33.08	7.81	8.12	6.8	3.028
733	6/15/2013 4:15:50	14.33	50.53	33.13	7.64	8.10	5.7	3.042
734	6/15/2013 4:30:50	14.21	50.59	33.17	7.27	8.06	6.4	3.068
735	6/15/2013 4:45:50	14.37	50.40	33.03	7.22	8.09	7.6	3.070
736	6/15/2013 5:00:50	14.28	50.47	33.09	7.42	8.09	8.3	3.040
737	6/15/2013 5:15:50	15.42	50.68	33.27	6.97	8.20	15.3	3.022
738	6/15/2013 5:30:50	14.72	50.58	33.18	7.44	8.12	9.4	2.995

739	6/15/2013 5:45:50	15.02	50.51	33.13	7.35	8.13	13.4	2.941
740	6/15/2013 6:00:51	15.37	50.58	33.20	7.49	8.16	15.3	2.867
741	6/15/2013 6:15:50	15.41	50.54	33.16	7.48	8.16	14.4	2.819
742	6/15/2013 6:30:50	15.60	50.46	33.11	7.47	8.18	14.2	2.746
743	6/15/2013 6:45:50	15.66	50.59	33.21	7.43	8.17	15.8	2.654
744	6/15/2013 7:00:50	15.60	50.55	33.18	7.47	8.17	13.5	2.580
745	6/15/2013 7:15:50	15.87	50.64	33.25	7.36	8.19	14.7	2.497
746	6/15/2013 7:30:50	15.84	50.66	33.26	7.33	8.19	12.7	2.420
747	6/15/2013 7:45:50	16.37	50.68	33.29	7.25	8.21	15.0	2.333
748	6/15/2013 8:00:50	16.07	50.59	33.22	7.40	8.20	14.1	2.247
749	6/15/2013 8:15:50	16.25	50.59	33.22	7.48	8.22	13.9	2.159
750	6/15/2013 8:30:50	16.62	50.60	33.23	7.51	8.24	14.3	2.066
751	6/15/2013 8:45:50	16.57	50.64	33.26	7.58	8.24	14.3	1.988
752	6/15/2013 9:00:50	16.67	50.71	33.31	7.64	8.25	14.4	1.918
753	6/15/2013 9:15:50	16.85	50.68	33.29	7.70	8.26	13.3	1.844
754	6/15/2013 9:30:51	16.95	50.66	33.28	7.70	8.27	13.7	1.785
755	6/15/2013 9:45:50	17.19	50.71	33.32	7.72	8.29	13.6	1.733
756	6/15/2013 10:00:50	17.16	50.77	33.36	7.71	8.28	12.3	1.675
757	6/15/2013 10:15:50	17.31	50.77	33.37	7.74	8.29	13.5	1.655
758	6/15/2013 10:30:50	17.45	50.68	33.30	7.68	8.30	13.5	1.641
759	6/15/2013 10:45:50	17.47	50.74	33.34	7.63	8.30	11.9	1.610
760	6/15/2013 11:00:50	17.43	50.71	33.32	7.34	8.28	10.8	1.629
761	6/15/2013 11:15:50	17.53	50.76	33.36	7.49	8.29	11.2	1.651
762	6/15/2013 11:30:50	17.51	50.74	33.35	7.60	8.30	10.3	1.670
763	6/15/2013 11:45:50	17.48	50.72	33.33	7.56	8.29	11.8	1.705
764	6/15/2013 12:00:50	17.57	50.67	33.30	7.50	8.30	12.6	1.756
765	6/15/2013 12:15:50	17.55	50.78	33.37	7.50	8.29	13.3	1.814
766	6/15/2013 12:30:50	17.49	50.73	33.34	7.48	8.29	12.7	1.858
767	6/15/2013 12:45:50	17.39	50.69	33.31	7.42	8.28	14.4	1.937
768	6/15/2013 13:00:50	17.42	50.74	33.35	7.43	8.28	14.7	1.999
769	6/15/2013 13:15:50	17.36	50.73	33.34	7.32	8.27	15.3	2.066
770	6/15/2013 13:30:50	17.22	50.72	33.33	7.26	8.26	17.3	2.147
771	6/15/2013 13:45:50	17.15	50.63	33.26	7.21	8.25	16.8	2.215
772	6/15/2013 14:00:50	17.09	50.69	33.30	7.22	8.25	16.4	2.291
773	6/15/2013 14:15:50	16.93	50.54	33.19	7.24	8.23	16.9	2.370
774	6/15/2013 14:30:50	16.73	50.55	33.19	7.42	8.22	16.7	2.448
775	6/15/2013 14:45:50	16.44	50.55	33.19	7.54	8.21	15.1	2.518
776	6/15/2013 15:00:50	16.25	50.53	33.17	7.55	8.20	15.4	2.589
777	6/15/2013 15:15:50	16.10	50.51	33.16	7.63	8.19	14.5	2.675
778	6/15/2013 15:30:50	15.98	50.50	33.15	7.64	8.19	15.6	2.737
779	6/15/2013 15:45:50	15.89	50.49	33.14	7.64	8.18	15.4	2.801
780	6/15/2013 16:00:50	15.75	50.52	33.16	7.86	8.18	15.5	2.875
781	6/15/2013 16:15:50	15.56	50.46	33.11	8.00	8.17	14.4	2.945
782	6/15/2013 16:30:50	14.95	50.41	33.06	7.99	8.14	14.5	3.001
783	6/15/2013 16:45:50	14.76	50.45	33.09	8.03	8.13	12.6	3.056
784	6/15/2013 17:00:50	14.54	50.36	33.01	8.18	8.12	11.0	3.123
785	6/15/2013 17:15:50	14.29	50.40	33.03	8.16	8.11	10.9	3.171
786	6/15/2013 17:30:50	14.14	50.41	33.04	8.07	8.09	12.6	3.207
787	6/15/2013 17:45:50	13.86	50.36	32.99	7.94	8.07	9.7	3.242
788	6/15/2013 18:00:50	13.67	50.45	33.06	7.84	8.06	7.6	3.267
789	6/15/2013 18:15:50	14.11	50.35	32.99	7.64	8.08	7.9	3.276
790	6/15/2013 18:30:50	13.63	50.48	33.07	7.68	8.05	7.7	3.256
791	6/15/2013 18:45:50	13.77	50.42	33.04	7.78	8.06	8.1	3.232

792	6/15/2013 19:00:50	14.07	50.41	33.04	7.84	8.08	10.0	3.198
793	6/15/2013 19:15:50	15.02	50.47	33.11	8.10	8.15	15.6	3.142
794	6/15/2013 19:30:50	15.09	50.38	33.04	8.36	8.16	15.0	3.072
795	6/15/2013 19:45:50	14.92	50.42	33.07	8.37	8.16	15.5	3.009
796	6/15/2013 20:00:51	15.44	50.46	33.11	8.42	8.19	13.5	2.942
797	6/15/2013 20:15:51	15.69	50.62	33.23	8.44	8.21	15.0	2.860
798	6/15/2013 20:30:51	15.59	50.51	33.15	8.42	8.20	14.1	2.794
799	6/15/2013 20:45:51	15.60	50.57	33.19	8.36	8.20	13.1	2.725
800	6/15/2013 21:00:50	15.47	50.55	33.17	8.31	8.20	12.2	2.660
801	6/15/2013 21:15:50	15.89	50.59	33.21	8.42	8.23	13.4	2.599
802	6/15/2013 21:30:50	15.96	50.51	33.15	8.42	8.23	13.2	2.521
803	6/15/2013 21:45:50	16.08	50.62	33.24	8.44	8.24	12.9	2.465
804	6/15/2013 22:00:51	16.82	50.65	33.27	8.48	8.28	13.5	2.413
805	6/15/2013 22:15:50	16.85	50.62	33.25	8.51	8.28	13.6	2.346
806	6/15/2013 22:30:50	17.04	50.62	33.25	8.52	8.30	12.8	2.284
807	6/15/2013 22:45:51	17.19	50.77	33.36	8.45	8.31	12.6	2.253
808	6/15/2013 23:00:50	17.49	50.74	33.35	8.60	8.33	11.5	2.219
809	6/15/2013 23:15:50	17.57	50.76	33.36	8.59	8.33	11.9	2.164
810	6/15/2013 23:30:50	17.62	50.71	33.32	8.57	8.34	11.2	2.159
811	6/15/2013 23:45:50	17.83	50.73	33.34	8.64	8.35	12.7	2.143
812	6/16/2013 0:00:50	17.91	50.72	33.33	8.55	8.35	10.2	2.134
813	6/16/2013 0:15:50	17.96	50.76	33.37	8.38	8.35	11.1	2.150
814	6/16/2013 0:30:50	17.97	50.74	33.35	8.50	8.35	10.1	2.149
815	6/16/2013 0:45:50	17.96	50.80	33.39	8.54	8.35	11.0	2.190
816	6/16/2013 1:00:50	17.87	50.74	33.34	8.57	8.35	12.9	2.222
817	6/16/2013 1:15:50	17.84	50.73	33.34	8.55	8.34	12.0	2.261
818	6/16/2013 1:30:50	17.74	50.74	33.35	8.46	8.33	14.4	2.312
819	6/16/2013 1:45:50	17.55	50.68	33.30	8.31	8.31	14.5	2.361
820	6/16/2013 2:00:50	17.79	50.74	33.35	8.13	8.31	14.1	2.412
821	6/16/2013 2:15:50	17.67	50.75	33.35	8.04	8.30	15.3	2.461
822	6/16/2013 2:30:50	17.48	50.69	33.31	8.11	8.29	15.3	2.507
823	6/16/2013 2:45:50	17.32	50.65	33.27	8.05	8.28	13.3	2.547
824	6/16/2013 3:00:50	17.20	50.63	33.26	8.04	8.27	13.2	2.609
825	6/16/2013 3:15:50	16.71	50.66	33.28	7.95	8.24	11.4	2.644
826	6/16/2013 3:30:50	16.42	50.55	33.19	7.83	8.22	14.5	2.674
827	6/16/2013 3:45:50	16.23	50.53	33.18	7.80	8.20	9.1	2.733
828	6/16/2013 4:00:50	16.03	50.53	33.17	7.77	8.19	8.4	2.758
829	6/16/2013 4:15:50	15.75	50.54	33.17	7.76	8.18	8.1	2.797
830	6/16/2013 4:30:51	15.61	50.56	33.19	7.73	8.17	7.7	2.835
831	6/16/2013 4:45:51	15.48	50.55	33.17	7.66	8.16	7.6	2.858
832	6/16/2013 5:00:50	15.37	50.51	33.15	7.64	8.15	7.6	2.898
833	6/16/2013 5:15:50	15.25	50.50	33.13	7.62	8.14	7.8	2.914
834	6/16/2013 5:30:50	15.22	50.45	33.10	7.53	8.14	6.7	2.924
835	6/16/2013 5:45:50	15.42	50.56	33.18	7.42	8.15	6.8	2.941
836	6/16/2013 6:00:50	15.11	50.49	33.12	7.36	8.13	6.7	2.939
837	6/16/2013 6:15:50	15.08	50.44	33.09	7.30	8.12	7.7	2.916
838	6/16/2013 6:30:50	15.13	50.49	33.13	7.37	8.12	8.7	2.890
839	6/16/2013 6:45:50	15.37	50.50	33.14	7.37	8.15	10.3	2.848
840	6/16/2013 7:00:50	15.80	50.48	33.13	7.31	8.19	15.8	2.796
841	6/16/2013 7:15:50	15.99	50.70	33.30	7.08	8.20	15.3	2.738
842	6/16/2013 7:30:50	16.05	50.51	33.16	7.34	8.19	16.3	2.669
843	6/16/2013 7:45:51	16.12	50.65	33.26	7.49	8.20	12.9	2.596
844	6/16/2013 8:00:50	16.23	50.57	33.20	7.55	8.21	13.4	2.528

845	6/16/2013 8:15:50	16.48	50.60	33.23	7.59	8.23	15.8	2.438
846	6/16/2013 8:30:50	16.27	50.61	33.23	7.71	8.22	12.4	2.368
847	6/16/2013 8:45:51	16.48	50.65	33.27	7.68	8.23	13.0	2.307
848	6/16/2013 9:00:51	16.45	50.75	33.34	7.71	8.23	12.6	2.225
849	6/16/2013 9:15:50	16.55	50.63	33.26	7.85	8.24	12.1	2.153
850	6/16/2013 9:30:50	16.88	50.59	33.23	7.78	8.26	12.0	2.091
851	6/16/2013 9:45:50	17.13	50.69	33.31	7.88	8.27	12.8	2.028
852	6/16/2013 10:00:50	17.18	50.68	33.30	8.01	8.28	12.5	1.959
853	6/16/2013 10:15:50	17.31	50.70	33.32	8.08	8.29	12.4	1.907
854	6/16/2013 10:30:50	17.49	50.78	33.37	7.92	8.29	12.3	1.863
855	6/16/2013 10:45:50	17.54	50.74	33.34	7.96	8.29	12.8	1.824
856	6/16/2013 11:00:50	17.67	50.72	33.33	7.91	8.30	11.5	1.805
857	6/16/2013 11:15:50	17.68	50.72	33.33	7.82	8.30	11.0	1.773
858	6/16/2013 11:30:50	17.72	50.73	33.34	7.81	8.30	10.6	1.774
859	6/16/2013 11:45:50	17.63	50.74	33.35	8.05	8.29	12.2	1.788
860	6/16/2013 12:00:50	17.65	50.73	33.34	7.80	8.29	11.1	1.773
861	6/16/2013 12:15:50	17.62	50.76	33.36	7.77	8.29	12.0	1.812
862	6/16/2013 12:30:50	17.69	50.74	33.35	7.78	8.30	10.9	1.841
863	6/16/2013 12:45:50	17.77	50.80	33.39	7.79	8.31	12.1	1.880
864	6/16/2013 13:00:50	17.71	50.75	33.35	7.76	8.30	13.7	1.941
865	6/16/2013 13:15:50	17.80	50.82	33.40	7.89	8.30	13.9	1.995
866	6/16/2013 13:30:50	17.75	50.71	33.32	7.73	8.29	14.9	2.048
867	6/16/2013 13:45:50	17.84	50.72	33.33	7.77	8.29	15.3	2.124
868	6/16/2013 14:00:50	17.67	50.68	33.31	7.62	8.28	16.8	2.204
869	6/16/2013 14:15:50	17.44	50.69	33.31	7.48	8.26	14.9	2.266
870	6/16/2013 14:30:50	17.36	50.60	33.24	7.45	8.26	14.1	2.333
871	6/16/2013 14:45:50	17.19	50.68	33.29	7.40	8.25	13.6	2.410
872	6/16/2013 15:00:50	16.95	50.48	33.15	7.45	8.23	15.1	2.491
873	6/16/2013 15:15:50	16.76	50.65	33.27	7.52	8.22	15.1	2.559
874	6/16/2013 15:30:50	16.47	50.54	33.18	7.61	8.20	14.1	2.628
875	6/16/2013 15:45:51	16.39	50.58	33.21	7.64	8.20	14.2	2.696
876	6/16/2013 16:00:50	16.23	50.44	33.11	7.71	8.19	13.9	2.775
877	6/16/2013 16:15:51	16.07	50.57	33.20	7.71	8.18	12.5	2.837
878	6/16/2013 16:30:51	15.95	50.50	33.15	7.81	8.17	12.3	2.908
879	6/16/2013 16:45:50	15.84	50.49	33.14	7.99	8.17	13.3	2.979
880	6/16/2013 17:00:51	15.46	50.46	33.11	8.02	8.15	13.4	3.042
881	6/16/2013 17:15:50	15.06	50.37	33.04	8.06	8.13	14.1	3.106
882	6/16/2013 17:30:50	14.76	50.39	33.04	8.10	8.11	11.9	3.175
883	6/16/2013 17:45:50	14.62	50.33	33.00	8.11	8.10	10.8	3.227
884	6/16/2013 18:00:50	14.43	50.41	33.05	8.06	8.09	9.4	3.279
885	6/16/2013 18:15:51	14.25	50.43	33.06	7.98	8.08	9.0	3.327
886	6/16/2013 18:30:51	13.96	50.49	33.09	7.70	8.05	7.0	3.355
887	6/16/2013 18:45:50	13.78	50.40	33.02	7.50	8.02	5.0	3.377
888	6/16/2013 19:00:50	13.98	50.47	33.08	7.67	8.05	6.2	3.383
889	6/16/2013 19:15:51	13.65	50.43	33.03	7.44	8.02	6.9	3.362
890	6/16/2013 19:30:50	13.88	50.40	33.02	7.60	8.04	7.9	3.336
891	6/16/2013 19:45:50	14.49	50.29	32.96	7.73	8.08	12.2	3.278
892	6/16/2013 20:00:50	15.43	50.39	33.06	8.12	8.16	15.9	3.217
893	6/16/2013 20:15:50	14.96	50.42	33.07	8.21	8.14	14.1	3.154
894	6/16/2013 20:30:50	16.41	50.53	33.18	8.81	8.25	13.6	3.076
895	6/16/2013 20:45:50	16.30	50.45	33.12	8.65	8.23	15.9	2.990
896	6/16/2013 21:00:50	16.37	50.47	33.13	8.63	8.23	13.7	2.916
897	6/16/2013 21:15:50	16.70	50.55	33.19	8.68	8.25	15.1	2.845

898	6/16/2013 21:30:51	15.97	50.54	33.18	8.35	8.20	13.0	2.774
899	6/16/2013 21:45:51	15.87	50.54	33.18	8.37	8.19	13.0	2.697
900	6/16/2013 22:00:50	15.98	50.46	33.12	8.31	8.20	12.6	2.626
901	6/16/2013 22:15:50	16.37	50.56	33.20	8.36	8.22	13.1	2.545
902	6/16/2013 22:30:51	16.18	50.52	33.16	8.25	8.22	11.9	2.472
903	6/16/2013 22:45:51	16.98	50.64	33.26	8.55	8.28	12.5	2.388
904	6/16/2013 23:00:51	17.22	50.67	33.29	8.54	8.28	12.1	2.309
905	6/16/2013 23:15:50	17.50	50.68	33.30	8.62	8.30	12.2	2.243
906	6/16/2013 23:30:50	17.92	50.65	33.28	8.90	8.34	11.9	2.178
907	6/16/2013 23:45:50	18.14	50.62	33.27	8.96	8.35	11.3	2.109
908	6/17/2013 0:00:50	18.57	50.78	33.38	9.08	8.38	11.4	2.065
909	6/17/2013 0:15:50	18.65	50.75	33.36	9.01	8.38	10.6	2.024
910	6/17/2013 0:30:50	18.82	50.79	33.39	9.06	8.38	11.0	1.994
911	6/17/2013 0:45:50	18.89	50.82	33.41	9.06	8.38	11.9	1.973
912	6/17/2013 1:00:50	18.97	50.78	33.38	8.98	8.38	10.3	1.967
913	6/17/2013 1:15:50	18.91	50.82	33.41	8.97	8.38	10.4	1.990
914	6/17/2013 1:30:50	18.72	50.80	33.40	8.84	8.37	10.4	2.005
915	6/17/2013 1:45:50	18.74	50.80	33.40	8.83	8.37	10.3	2.032
916	6/17/2013 2:00:50	18.65	50.81	33.41	8.77	8.36	10.8	2.076
917	6/17/2013 2:15:50	18.64	50.77	33.38	8.83	8.36	10.7	2.123
918	6/17/2013 2:30:50	18.61	50.76	33.36	8.74	8.36	13.3	2.164
919	6/17/2013 2:45:50	18.45	50.75	33.36	8.61	8.34	13.4	2.213
920	6/17/2013 3:00:50	18.59	50.75	33.36	8.37	8.33	14.0	2.268
921	6/17/2013 3:15:50	18.50	50.73	33.34	8.28	8.32	14.9	2.318
922	6/17/2013 3:30:50	18.37	50.74	33.35	8.30	8.32	16.7	2.360
923	6/17/2013 3:45:50	18.21	50.68	33.31	8.34	8.31	12.3	2.408
924	6/17/2013 4:00:50	18.10	50.74	33.35	8.27	8.30	12.5	2.458
925	6/17/2013 4:15:51	17.79	50.77	33.37	8.21	8.28	13.1	2.505
926	6/17/2013 4:30:50	17.37	50.65	33.28	8.05	8.25	12.4	2.557
927	6/17/2013 4:45:50	17.17	50.51	33.17	7.93	8.24	10.3	2.589
928	6/17/2013 5:00:50	16.90	50.62	33.25	7.88	8.22	10.6	2.645
929	6/17/2013 5:15:50	16.71	50.54	33.19	7.84	8.21	9.7	2.689
930	6/17/2013 5:30:50	16.48	50.58	33.21	7.81	8.20	8.9	2.727
931	6/17/2013 5:45:50	16.19	50.50	33.15	7.78	8.18	8.7	2.768
932	6/17/2013 6:00:50	16.11	50.51	33.16	7.71	8.17	8.0	2.795
933	6/17/2013 6:15:50	16.03	50.51	33.16	7.66	8.16	7.6	2.830
934	6/17/2013 6:30:50	15.97	50.50	33.15	7.58	8.16	7.7	2.849
935	6/17/2013 6:45:50	15.93	50.51	33.15	7.45	8.15	7.2	2.868
936	6/17/2013 7:00:51	16.06	50.47	33.13	7.45	8.15	9.4	2.865
937	6/17/2013 7:15:50	15.84	50.56	33.19	7.33	8.14	8.9	2.867
938	6/17/2013 7:30:51	15.80	50.53	33.17	7.26	8.13	7.6	2.853
939	6/17/2013 7:45:51	15.84	50.50	33.15	7.33	8.14	9.2	2.821
940	6/17/2013 8:00:50	15.95	50.51	33.16	7.39	8.15	9.4	2.784
941	6/17/2013 8:15:50	16.29	50.48	33.14	7.37	8.18	10.1	2.737
942	6/17/2013 8:30:50	16.72	50.74	33.34	7.34	8.24	13.8	2.678
943	6/17/2013 8:45:50	16.67	50.68	33.29	7.55	8.23	14.5	2.619
944	6/17/2013 9:00:51	16.80	50.66	33.28	7.71	8.24	14.4	2.545
945	6/17/2013 9:15:51	17.09	50.64	33.27	7.89	8.26	13.1	2.483
946	6/17/2013 9:30:50	17.24	50.63	33.26	7.87	8.26	13.6	2.408
947	6/17/2013 9:45:50	17.30	50.72	33.33	7.93	8.26	12.5	2.343
948	6/17/2013 10:00:50	17.50	50.74	33.34	7.98	8.27	12.2	2.284
949	6/17/2013 10:15:50	17.65	50.73	33.34	8.11	8.28	11.4	2.212
950	6/17/2013 10:30:50	17.79	50.75	33.36	8.26	8.29	12.7	2.164

951	6/17/2013 10:45:50	18.01	50.74	33.35	8.24	8.30	11.3	2.109
952	6/17/2013 11:00:51	18.02	50.77	33.37	8.45	8.30	10.6	2.066
953	6/17/2013 11:15:50	18.13	50.67	33.30	8.34	8.30	10.8	2.004
954	6/17/2013 11:30:50	18.27	50.64	33.28	8.45	8.31	10.4	1.983
955	6/17/2013 11:45:50	18.34	50.65	33.29	8.55	8.31	11.7	1.976
956	6/17/2013 12:00:50	18.41	50.71	33.33	8.59	8.31	10.6	1.931
957	6/17/2013 12:15:50	18.41	50.76	33.36	8.20	8.29	9.4	1.930
958	6/17/2013 12:30:50	18.31	50.62	33.26	8.39	8.29	10.3	1.943
959	6/17/2013 12:45:50	18.31	50.73	33.34	8.18	8.30	10.5	1.953
960	6/17/2013 13:00:50	18.34	50.69	33.32	8.21	8.30	11.2	1.971
961	6/17/2013 13:15:50	18.41	50.71	33.33	8.24	8.30	12.3	1.985
962	6/17/2013 13:30:50	18.37	50.63	33.27	8.17	8.30	13.1	2.046
963	6/17/2013 13:45:50	18.79	50.60	33.25	8.51	8.33	11.7	2.087
964	6/17/2013 14:00:50	18.68	50.68	33.31	8.40	8.31	11.8	2.123
965	6/17/2013 14:15:50	18.72	50.56	33.22	8.39	8.31	10.8	2.187
966	6/17/2013 14:30:50	18.45	50.73	33.34	8.22	8.29	12.0	2.251
967	6/17/2013 14:45:50	18.28	50.61	33.26	8.01	8.28	13.5	2.317
968	6/17/2013 15:00:50	17.86	50.71	33.33	7.69	8.26	12.2	2.381
969	6/17/2013 15:15:50	17.65	50.70	33.32	7.66	8.25	13.6	2.454
970	6/17/2013 15:30:50	17.49	50.66	33.29	7.62	8.24	13.9	2.521
971	6/17/2013 15:45:50	17.05	50.60	33.24	7.63	8.21	14.2	2.596
972	6/17/2013 16:00:50	16.86	50.56	33.20	7.72	8.20	12.9	2.664
973	6/17/2013 16:15:51	16.65	50.57	33.21	7.78	8.19	12.7	2.731
974	6/17/2013 16:30:50	16.48	50.53	33.18	7.84	8.18	12.5	2.809
975	6/17/2013 16:45:51	16.45	50.55	33.19	7.97	8.18	11.5	2.874
976	6/17/2013 17:00:50	16.34	50.49	33.15	8.06	8.18	13.2	2.952
977	6/17/2013 17:15:50	15.86	50.47	33.12	7.99	8.14	13.9	3.021
978	6/17/2013 17:30:51	15.47	50.44	33.10	8.03	8.13	14.7	3.090
979	6/17/2013 17:45:50	15.17	50.37	33.04	8.03	8.11	12.8	3.157
980	6/17/2013 18:00:50	14.97	50.40	33.05	8.05	8.10	11.7	3.225
981	6/17/2013 18:15:50	14.76	50.35	33.01	8.03	8.09	12.0	3.291
982	6/17/2013 18:30:50	14.43	50.34	32.99	7.92	8.07	11.2	3.356
983	6/17/2013 18:45:50	14.03	50.41	33.04	7.73	8.05	9.4	3.404
984	6/17/2013 19:00:50	13.68	50.50	33.09	7.54	8.02	7.5	3.441
985	6/17/2013 19:15:51	13.57	50.48	33.07	7.34	8.01	7.2	3.478
986	6/17/2013 19:30:51	13.42	50.55	33.12	7.12	7.99	5.0	3.501
987	6/17/2013 19:45:50	13.79	50.40	33.02	7.43	8.03	8.2	3.501
988	6/17/2013 20:00:50	13.45	50.43	33.03	7.21	7.99	7.6	3.490
989	6/17/2013 20:15:50	13.41	50.49	33.07	7.29	8.00	7.8	3.456
990	6/17/2013 20:30:51	13.78	50.46	33.06	7.39	8.03	9.4	3.413
991	6/17/2013 20:45:50	14.77	50.45	33.08	7.63	8.09	11.7	3.347
992	6/17/2013 21:00:50	14.84	50.43	33.07	7.63	8.09	13.2	3.267
993	6/17/2013 21:15:50	15.24	50.38	33.04	7.71	8.13	12.9	3.195
994	6/17/2013 21:30:50	16.04	50.53	33.17	8.01	8.18	14.5	3.114
995	6/17/2013 21:45:50	16.18	50.51	33.16	8.16	8.19	13.5	3.036
996	6/17/2013 22:00:50	16.45	50.51	33.16	8.24	8.21	13.3	2.938
997	6/17/2013 22:15:51	16.70	50.56	33.20	8.18	8.22	12.5	2.864
998	6/17/2013 22:30:50	17.08	50.57	33.21	8.22	8.24	14.0	2.781
999	6/17/2013 22:45:50	17.23	50.47	33.15	8.19	8.25	14.2	2.681
1000	6/17/2013 23:00:50	16.91	50.60	33.23	8.04	8.22	14.5	2.606
1001	6/17/2013 23:15:50	16.76	50.61	33.24	8.09	8.21	13.6	2.514
1002	6/17/2013 23:30:50	16.77	50.43	33.11	7.82	8.22	13.2	2.426
1003	6/17/2013 23:45:50	17.21	50.60	33.24	8.21	8.26	13.3	2.311

1004	6/18/2013 0:00:50	16.90	50.68	33.30	8.05	8.24	13.0	2.240
1005	6/18/2013 0:15:50	17.67	50.56	33.22	8.21	8.29	12.4	2.155
1006	6/18/2013 0:30:50	17.95	50.63	33.27	8.31	8.32	12.6	2.044
1007	6/18/2013 0:45:50	17.93	50.66	33.29	8.26	8.30	13.3	1.983
1008	6/18/2013 1:00:50	18.63	50.71	33.33	8.59	8.36	11.4	1.922
1009	6/18/2013 1:15:50	18.63	50.75	33.36	8.47	8.35	11.7	1.872
1010	6/18/2013 1:30:50	18.94	50.80	33.40	8.65	8.38	11.2	1.823
1011	6/18/2013 1:45:50	19.00	50.89	33.46	8.57	8.37	11.7	1.803
1012	6/18/2013 2:00:50	19.10	50.87	33.45	8.36	8.37	10.0	1.817
1013	6/18/2013 2:15:50	19.01	50.82	33.41	8.22	8.36	9.7	1.794
1014	6/18/2013 2:30:50	19.05	50.88	33.46	8.40	8.37	11.0	1.824
1015	6/18/2013 2:45:50	18.88	50.83	33.42	8.38	8.36	9.6	1.857
1016	6/18/2013 3:00:50	18.76	50.82	33.41	8.31	8.35	11.2	1.900
1017	6/18/2013 3:15:50	18.68	50.76	33.37	8.38	8.34	9.9	1.955
1018	6/18/2013 3:30:50	18.65	50.81	33.40	8.27	8.34	11.1	1.998
1019	6/18/2013 3:45:50	18.60	50.81	33.40	8.22	8.33	12.9	2.071
1020	6/18/2013 4:00:50	18.74	50.78	33.38	7.89	8.32	13.7	2.128
1021	6/18/2013 4:15:50	18.70	50.73	33.34	7.85	8.31	14.7	2.187
1022	6/18/2013 4:30:50	18.42	50.71	33.33	7.98	8.31	13.3	2.234
1023	6/18/2013 4:45:50	18.35	50.67	33.30	7.95	8.30	12.6	2.292
1024	6/18/2013 5:00:50	18.19	50.72	33.34	7.99	8.30	11.7	2.356
1025	6/18/2013 5:15:50	17.99	50.73	33.34	7.90	8.28	13.6	2.401
1026	6/18/2013 5:30:50	17.66	50.72	33.33	7.83	8.26	11.9	2.470
1027	6/18/2013 5:45:50	17.41	50.60	33.24	7.75	8.24	11.7	2.520
1028	6/18/2013 6:00:50	17.11	50.63	33.26	7.64	8.22	11.2	2.569
1029	6/18/2013 6:15:50	16.91	50.54	33.19	7.61	8.20	11.4	2.620
1030	6/18/2013 6:30:50	16.61	50.56	33.20	7.58	8.18	9.7	2.675
1031	6/18/2013 6:45:51	16.51	50.57	33.21	7.52	8.18	9.8	2.716
1032	6/18/2013 7:00:50	16.41	50.49	33.15	7.49	8.17	9.0	2.751
1033	6/18/2013 7:15:50	16.37	50.53	33.18	7.47	8.18	9.5	2.801
1034	6/18/2013 7:30:50	16.25	50.53	33.17	7.44	8.16	8.3	2.829
1035	6/18/2013 7:45:50	16.17	50.50	33.15	7.38	8.15	9.0	2.855
1036	6/18/2013 8:00:50	16.04	50.55	33.18	7.17	8.14	7.3	2.875
1037	6/18/2013 8:15:50	16.04	50.48	33.14	7.06	8.13	7.6	2.889
1038	6/18/2013 8:30:50	16.29	50.51	33.16	7.19	8.15	8.7	2.897
1039	6/18/2013 8:45:50	15.99	50.52	33.16	6.95	8.12	10.3	2.875
1040	6/18/2013 9:00:50	15.95	50.51	33.15	7.08	8.12	8.6	2.852
1041	6/18/2013 9:15:50	16.04	50.46	33.12	7.03	8.12	9.7	2.821
1042	6/18/2013 9:30:50	16.48	50.48	33.14	7.30	8.17	11.4	2.770
1043	6/18/2013 9:45:50	16.82	50.45	33.13	7.52	8.19	13.0	2.724
1044	6/18/2013 10:00:50	16.64	50.55	33.20	7.59	8.19	13.4	2.648
1045	6/18/2013 10:15:51	16.89	50.60	33.24	7.62	8.20	12.0	2.588
1046	6/18/2013 10:30:51	17.14	50.61	33.25	7.70	8.21	13.0	2.536
1047	6/18/2013 10:45:50	17.42	50.58	33.23	7.70	8.22	11.9	2.463
1048	6/18/2013 11:00:50	17.67	50.61	33.25	7.87	8.24	10.9	2.398
1049	6/18/2013 11:15:50	17.84	50.61	33.25	7.86	8.24	11.5	2.341
1050	6/18/2013 11:30:50	17.94	50.64	33.27	7.74	8.24	10.9	2.290
1051	6/18/2013 11:45:50	18.03	50.67	33.30	7.83	8.25	10.3	2.227
1052	6/18/2013 12:00:51	18.22	50.67	33.30	8.17	8.26	10.3	2.180
1053	6/18/2013 12:15:51	18.41	50.74	33.35	8.03	8.28	10.0	2.152
1054	6/18/2013 12:30:51	18.39	50.71	33.33	8.16	8.27	9.6	2.121
1055	6/18/2013 12:45:50	18.45	50.67	33.30	8.25	8.28	9.8	2.077
1056	6/18/2013 13:00:50	18.52	50.54	33.20	8.35	8.28	9.4	2.069

1057	6/18/2013 13:15:50	18.54	50.63	33.27	8.20	8.26	15.2	2.065
1058	6/18/2013 13:30:50	18.55	50.62	33.27	8.53	8.28	8.3	2.067
1059	6/18/2013 13:45:50	18.52	50.67	33.30	8.51	8.28	9.0	2.056
1060	6/18/2013 14:00:50	18.54	50.69	33.32	8.27	8.29	9.4	2.087
1061	6/18/2013 14:15:50	18.47	50.58	33.23	8.12	8.29	9.5	2.134
1062	6/18/2013 14:30:50	18.54	50.64	33.28	8.19	8.30	10.8	2.154
1063	6/18/2013 14:45:50	18.55	50.67	33.30	8.17	8.30	10.3	2.201
1064	6/18/2013 15:00:50	18.43	50.71	33.33	8.06	8.29	12.1	2.269
1065	6/18/2013 15:15:50	18.46	50.63	33.27	8.25	8.29	12.2	2.334
1066	6/18/2013 15:30:50	18.20	50.63	33.27	8.22	8.28	11.5	2.388
1067	6/18/2013 15:45:50	17.90	50.65	33.28	7.96	8.25	11.9	2.452
1068	6/18/2013 16:00:50	17.71	50.58	33.23	7.84	8.24	13.0	2.521
1069	6/18/2013 16:15:50	17.41	50.56	33.21	7.79	8.22	12.8	2.594
1070	6/18/2013 16:30:50	17.14	50.54	33.19	7.78	8.20	13.1	2.662
1071	6/18/2013 16:45:50	16.85	50.47	33.14	7.80	8.18	13.0	2.721
1072	6/18/2013 17:00:50	16.58	50.49	33.15	7.76	8.17	12.9	2.802
1073	6/18/2013 17:15:50	16.27	50.46	33.12	7.82	8.15	13.7	2.875
1074	6/18/2013 17:30:51	16.17	50.46	33.12	7.81	8.15	12.9	2.945
1075	6/18/2013 17:45:50	16.03	50.44	33.11	7.93	8.14	13.6	3.025
1076	6/18/2013 18:00:51	15.66	50.44	33.10	7.89	8.12	15.8	3.103
1077	6/18/2013 18:15:51	15.15	50.42	33.08	7.75	8.09	17.2	3.182
1078	6/18/2013 18:30:50	14.79	50.33	33.00	7.87	8.07	14.4	3.256
1079	6/18/2013 18:45:50	14.68	50.36	33.02	7.98	8.07	14.2	3.344
1080	6/18/2013 19:00:50	14.25	50.39	33.03	8.03	8.05	14.5	3.412
1081	6/18/2013 19:15:50	13.81	50.33	32.97	7.99	8.03	12.8	3.478
1082	6/18/2013 19:30:50	13.58	50.38	33.00	8.00	8.02	9.9	3.538
1083	6/18/2013 19:45:51	13.43	50.43	33.03	8.05	8.02	8.3	3.588
1084	6/18/2013 20:00:51	13.31	50.41	33.01	8.06	8.01	6.4	3.619
1085	6/18/2013 20:15:51	13.97	50.46	33.07	8.02	8.04	8.4	3.638
1086	6/18/2013 20:30:50	13.66	50.32	32.96	7.88	8.02	7.7	3.653
1087	6/18/2013 20:45:50	13.41	50.39	33.00	7.99	8.01	7.2	3.625
1088	6/18/2013 21:00:51	13.55	50.40	33.01	8.00	8.02	8.6	3.586
1089	6/18/2013 21:15:51	14.06	50.42	33.04	7.94	8.06	10.3	3.540
1090	6/18/2013 21:30:51	14.22	50.39	33.03	7.95	8.07	10.8	3.478
1091	6/18/2013 21:45:51	14.72	50.41	33.05	8.02	8.10	11.1	3.390
1092	6/18/2013 22:00:51	15.29	50.52	33.15	8.12	8.13	11.5	3.301
1093	6/18/2013 22:15:50	15.92	50.48	33.13	8.27	8.17	16.0	3.218
1094	6/18/2013 22:30:50	15.97	50.48	33.13	8.36	8.18	14.3	3.121
1095	6/18/2013 22:45:50	16.12	50.41	33.08	8.37	8.19	14.8	3.021
1096	6/18/2013 23:00:50	16.28	50.41	33.09	8.35	8.19	14.9	2.929
1097	6/18/2013 23:15:50	16.82	50.52	33.17	8.45	8.23	15.8	2.814
1098	6/18/2013 23:30:50	17.04	50.53	33.19	8.39	8.23	17.4	2.720
1099	6/18/2013 23:45:50	16.67	50.56	33.20	8.13	8.20	16.1	2.611
1100	6/19/2013 0:00:50	16.33	50.60	33.23	8.13	8.19	16.3	2.508
1101	6/19/2013 0:15:50	17.11	50.52	33.18	8.03	8.23	15.1	2.399
1102	6/19/2013 0:30:50	16.64	50.56	33.20	8.44	8.23	16.8	2.258
1103	6/19/2013 0:45:50	17.36	50.74	33.34	8.43	8.28	16.7	2.180
1104	6/19/2013 1:00:50	17.43	50.72	33.33	8.33	8.28	15.3	2.048
1105	6/19/2013 1:15:50	17.70	50.74	33.35	8.29	8.29	16.0	1.933
1106	6/19/2013 1:30:51	18.00	50.79	33.38	8.39	8.31	15.4	1.849
1107	6/19/2013 1:45:50	18.22	50.73	33.34	8.38	8.32	14.8	1.765
1108	6/19/2013 2:00:50	18.45	50.75	33.36	8.47	8.33	13.9	1.680
1109	6/19/2013 2:15:51	18.74	50.87	33.45	8.60	8.35	13.1	1.614

1110	6/19/2013 2:30:50	18.93	50.82	33.41	8.63	8.37	13.3	1.588
1111	6/19/2013 2:45:50	18.98	50.83	33.42	8.59	8.37	12.6	1.564
1112	6/19/2013 3:00:50	18.96	50.83	33.42	8.52	8.37	12.2	1.537
1113	6/19/2013 3:15:50	18.86	50.80	33.40	8.40	8.35	11.1	1.584
1114	6/19/2013 3:30:50	19.04	50.75	33.36	8.57	8.37	10.0	1.595
1115	6/19/2013 3:45:50	18.99	50.74	33.35	8.59	8.37	9.8	1.639
1116	6/19/2013 4:00:50	19.02	50.87	33.45	8.67	8.38	10.6	1.688
1117	6/19/2013 4:15:50	19.00	50.81	33.40	8.69	8.38	10.8	1.747
1118	6/19/2013 4:30:50	18.96	50.81	33.40	8.61	8.37	12.1	1.825
1119	6/19/2013 4:45:50	19.18	50.84	33.43	8.23	8.36	15.6	1.874
1120	6/19/2013 5:00:50	19.21	50.81	33.40	8.04	8.35	14.8	1.944
1121	6/19/2013 5:15:50	19.02	50.82	33.41	8.04	8.34	15.8	2.008
1122	6/19/2013 5:30:50	18.83	50.81	33.40	8.17	8.34	15.8	2.083
1123	6/19/2013 5:45:50	18.71	50.73	33.35	8.15	8.33	14.9	2.155
1124	6/19/2013 6:00:50	18.62	50.76	33.36	8.14	8.32	13.5	2.217
1125	6/19/2013 6:15:50	18.50	50.71	33.33	8.09	8.32	14.9	2.283
1126	6/19/2013 6:30:51	18.14	50.70	33.32	8.02	8.29	15.4	2.359
1127	6/19/2013 6:45:51	17.71	50.66	33.29	7.90	8.26	13.5	2.424
1128	6/19/2013 7:00:50	17.41	50.56	33.21	7.80	8.23	11.5	2.487
1129	6/19/2013 7:15:51	17.23	50.62	33.26	7.71	8.22	12.0	2.543
1130	6/19/2013 7:30:50	17.12	50.59	33.23	7.69	8.21	11.5	2.613
1131	6/19/2013 7:45:51	17.01	50.60	33.24	7.67	8.20	11.9	2.678
1132	6/19/2013 8:00:51	16.97	50.56	33.20	7.64	8.20	12.0	2.717
1133	6/19/2013 8:15:50	16.63	50.50	33.16	7.62	8.18	10.9	2.774
1134	6/19/2013 8:30:51	16.40	50.54	33.18	7.57	8.16	9.2	2.811
1135	6/19/2013 8:45:50	16.31	50.47	33.13	7.52	8.15	10.0	2.849
1136	6/19/2013 9:00:50	16.19	50.48	33.14	7.49	8.14	9.4	2.895
1137	6/19/2013 9:15:50	16.14	50.44	33.10	7.28	8.12	8.3	2.898
1138	6/19/2013 9:30:50	16.27	50.48	33.14	7.23	8.13	8.0	2.928
1139	6/19/2013 9:45:50	16.23	50.38	33.07	7.15	8.13	10.2	2.937
1140	6/19/2013 10:00:50	15.98	50.45	33.11	7.25	8.12	10.4	2.921
1141	6/19/2013 10:15:50	15.98	50.42	33.09	7.23	8.12	10.4	2.896
1142	6/19/2013 10:30:50	16.19	50.42	33.10	7.30	8.13	11.7	2.858
1143	6/19/2013 10:45:50	16.54	50.43	33.11	7.45	8.16	10.2	2.832
1144	6/19/2013 11:00:50	16.78	50.52	33.17	7.70	8.19	11.9	2.763
1145	6/19/2013 11:15:50	16.92	50.52	33.18	7.88	8.21	12.9	2.690
1146	6/19/2013 11:30:51	17.14	50.60	33.24	8.09	8.22	13.4	2.633
1147	6/19/2013 11:45:50	17.32	50.51	33.18	8.07	8.24	13.4	2.570
1148	6/19/2013 12:00:51	17.47	50.59	33.24	8.08	8.24	11.4	2.509
1149	6/19/2013 12:15:51	17.63	50.63	33.27	8.23	8.25	11.8	2.423
1150	6/19/2013 12:30:50	17.83	50.53	33.19	8.34	8.26	10.1	2.372
1151	6/19/2013 12:45:50	18.07	50.65	33.28	8.38	8.28	10.0	2.327
1152	6/19/2013 13:00:50	18.17	50.62	33.26	8.61	8.29	11.3	2.262
1153	6/19/2013 13:15:50	18.41	50.62	33.26	8.81	8.30	10.6	2.214
1154	6/19/2013 13:30:50	18.52	50.58	33.23	8.84	8.31	10.7	2.177
1155	6/19/2013 13:45:50	18.71	50.64	33.28	8.90	8.32	10.7	2.156
1156	6/19/2013 14:00:50	18.79	50.66	33.29	8.80	8.33	10.3	2.130
1157	6/19/2013 14:15:50	18.84	50.61	33.26	8.65	8.31	8.6	2.122
1158	6/19/2013 14:30:50	18.59	50.67	33.30	9.09	8.31	10.5	2.126
1159	6/19/2013 14:45:50	18.66	50.69	33.31	8.86	8.32	9.3	2.140
1160	6/19/2013 15:00:50	18.66	50.66	33.30	8.85	8.31	11.4	2.175
1161	6/19/2013 15:15:50	18.66	50.68	33.31	8.71	8.32	10.3	2.202
1162	6/19/2013 15:30:50	18.69	50.72	33.34	8.77	8.33	10.0	2.244

1163	6/19/2013 15:45:50	18.56	50.69	33.32	8.70	8.32	11.4	2.311
1164	6/19/2013 16:00:50	18.34	50.63	33.27	8.48	8.29	13.6	2.356
1165	6/19/2013 16:15:50	18.44	50.61	33.26	8.89	8.30	11.5	2.430
1166	6/19/2013 16:30:50	18.15	50.58	33.24	8.60	8.28	11.7	2.496
1167	6/19/2013 16:45:51	17.93	50.63	33.27	8.49	8.27	13.1	2.559
1168	6/19/2013 17:00:50	17.74	50.44	33.13	8.27	8.25	11.9	2.638
1169	6/19/2013 17:15:50	17.40	50.48	33.15	8.19	8.23	12.6	2.706
1170	6/19/2013 17:30:50	17.02	50.46	33.13	8.09	8.20	12.8	2.777
1171	6/19/2013 17:45:50	16.74	50.39	33.08	8.02	8.18	13.5	2.853
1172	6/19/2013 18:00:50	16.47	50.40	33.08	8.22	8.17	12.3	2.927
1173	6/19/2013 18:15:51	16.23	50.40	33.08	8.07	8.16	12.3	3.006
1174	6/19/2013 18:30:51	15.94	50.41	33.09	8.11	8.15	12.0	3.084
1175	6/19/2013 18:45:51	15.77	50.39	33.07	8.46	8.15	13.8	3.168
1176	6/19/2013 19:00:51	15.36	50.32	33.01	8.59	8.14	15.7	3.249
1177	6/19/2013 19:15:50	15.08	50.29	32.97	9.20	8.15	15.7	3.334
1178	6/19/2013 19:30:51	14.85	50.33	33.00	9.50	8.16	14.2	3.417
1179	6/19/2013 19:45:51	14.45	50.30	32.97	9.71	8.15	14.3	3.494
1180	6/19/2013 20:00:51	14.07	50.27	32.93	9.85	8.15	13.1	3.569
1181	6/19/2013 20:15:50	13.79	50.20	32.87	10.04	8.15	10.4	3.629
1182	6/19/2013 20:30:51	13.63	50.28	32.93	10.23	8.15	7.6	3.687
1183	6/19/2013 20:45:51	13.52	50.13	32.82	10.56	8.17	6.2	3.734
1184	6/19/2013 21:00:51	13.47	50.26	32.91	10.37	8.17	5.5	3.758
1185	6/19/2013 21:15:51	13.99	50.27	32.93	10.14	8.17	8.9	3.760
1186	6/19/2013 21:30:50	13.62	50.22	32.88	10.51	8.17	7.8	3.761
1187	6/19/2013 21:45:50	13.86	50.14	32.83	10.13	8.16	8.4	3.726
1188	6/19/2013 22:00:50	13.97	50.17	32.86	9.72	8.15	11.2	3.669
1189	6/19/2013 22:15:50	14.00	50.17	32.86	9.72	8.15	12.7	3.590
1190	6/19/2013 22:30:50	13.63	50.22	32.88	10.18	8.17	12.8	3.513
1191	6/19/2013 22:45:50	15.59	50.40	33.07	9.29	8.22	14.2	3.416
1192	6/19/2013 23:00:51	15.83	50.40	33.07	9.25	8.22	15.4	3.309
1193	6/19/2013 23:15:50	15.70	50.38	33.05	9.24	8.20	15.1	3.197
1194	6/19/2013 23:30:51	15.79	50.38	33.06	9.19	8.21	15.5	3.090
1195	6/19/2013 23:45:50	16.28	50.31	33.02	9.01	8.22	18.8	2.972
1196	6/20/2013 0:00:50	16.84	50.45	33.13	8.78	8.24	19.8	2.861
1197	6/20/2013 0:15:50	17.20	50.46	33.14	8.70	8.25	19.4	2.739
1198	6/20/2013 0:30:50	17.03	50.46	33.14	8.44	8.24	19.4	2.620
1199	6/20/2013 0:45:51	16.21	50.55	33.19	8.72	8.22	20.9	2.488
1200	6/20/2013 1:00:50	16.29	50.54	33.18	8.91	8.25	16.1	2.366
1201	6/20/2013 1:15:50	17.45	50.63	33.26	8.84	8.30	17.1	2.225
1202	6/20/2013 1:30:50	17.34	50.66	33.29	8.77	8.29	16.5	2.091
1203	6/20/2013 1:45:50	17.45	50.64	33.27	8.65	8.29	17.3	1.967
1204	6/20/2013 2:00:50	17.47	50.60	33.24	8.57	8.29	22.4	1.829
1205	6/20/2013 2:15:50	18.04	50.68	33.30	8.61	8.32	20.1	1.704
1206	6/20/2013 2:30:51	18.35	50.78	33.38	8.59	8.33	17.9	1.596
1207	6/20/2013 2:45:50	18.87	50.80	33.40	8.71	8.37	17.0	1.471
1208	6/20/2013 3:00:50	18.72	50.67	33.30	8.58	8.35	22.6	1.394
1209	6/20/2013 3:15:50	18.99	50.75	33.36	8.66	8.37	18.4	1.348
1210	6/20/2013 3:30:50	19.10	50.85	33.43	8.65	8.38	15.5	1.303
1211	6/20/2013 3:45:50	19.09	50.87	33.45	8.59	8.38	14.4	1.281
1212	6/20/2013 4:00:50	18.84	50.83	33.42	8.15	8.35	13.7	1.301
1213	6/20/2013 4:15:50	19.14	50.88	33.45	8.58	8.38	11.7	1.357
1214	6/20/2013 4:30:50	19.02	50.86	33.44	8.54	8.37	10.6	1.383
1215	6/20/2013 4:45:50	19.16	50.88	33.46	8.65	8.39	12.1	1.441

1216	6/20/2013 5:00:50	19.15	50.86	33.44	8.71	8.39	11.6	1.524
1217	6/20/2013 5:15:50	19.10	50.86	33.44	8.71	8.39	11.0	1.591
1218	6/20/2013 5:30:50	19.54	50.77	33.37	8.12	8.37	18.4	1.661
1219	6/20/2013 5:45:50	19.51	50.65	33.29	8.01	8.36	18.2	1.722
1220	6/20/2013 6:00:50	19.35	50.74	33.35	8.07	8.36	17.1	1.798
1221	6/20/2013 6:15:50	19.17	50.72	33.34	8.22	8.36	16.6	1.880
1222	6/20/2013 6:30:50	18.93	50.67	33.30	8.23	8.34	16.4	1.943
1223	6/20/2013 6:45:50	18.79	50.72	33.34	8.24	8.34	15.0	2.029
1224	6/20/2013 7:00:50	18.69	50.67	33.30	8.25	8.34	15.3	2.106
1225	6/20/2013 7:15:50	18.37	50.68	33.31	8.22	8.31	16.5	2.204
1226	6/20/2013 7:30:50	18.03	50.66	33.29	8.13	8.29	16.3	2.281
1227	6/20/2013 7:45:51	17.76	50.63	33.27	8.12	8.27	14.4	2.362
1228	6/20/2013 8:00:50	17.60	50.56	33.22	8.05	8.25	16.1	2.446
1229	6/20/2013 8:15:50	17.41	50.48	33.16	8.06	8.24	13.8	2.524
1230	6/20/2013 8:30:50	17.36	50.50	33.17	8.04	8.24	14.1	2.597
1231	6/20/2013 8:45:51	17.14	50.56	33.21	8.05	8.22	15.0	2.661
1232	6/20/2013 9:00:51	16.86	50.45	33.13	8.13	8.22	15.0	2.736
1233	6/20/2013 9:15:50	16.75	50.49	33.15	8.12	8.21	13.6	2.795
1234	6/20/2013 9:30:50	16.58	50.40	33.09	8.12	8.20	12.5	2.842
1235	6/20/2013 9:45:51	16.35	50.42	33.10	8.25	8.19	12.4	2.905
1236	6/20/2013 10:00:51	16.20	50.41	33.08	8.30	8.19	11.5	2.951
1237	6/20/2013 10:15:51	16.11	50.39	33.07	8.33	8.18	9.8	2.973
1238	6/20/2013 10:30:51	15.88	50.34	33.03	8.40	8.17	9.7	3.010
1239	6/20/2013 10:45:51	15.66	50.36	33.04	8.42	8.16	6.9	3.036
1240	6/20/2013 11:00:50	16.11	50.42	33.09	8.24	8.18	9.5	3.027
1241	6/20/2013 11:15:51	15.69	50.33	33.02	8.39	8.16	8.0	3.012
1242	6/20/2013 11:30:51	15.80	50.33	33.02	8.31	8.16	11.0	2.980
1243	6/20/2013 11:45:50	15.96	50.36	33.05	8.31	8.17	10.9	2.937
1244	6/20/2013 12:00:51	16.26	50.36	33.05	8.30	8.19	11.3	2.869
1245	6/20/2013 12:15:50	16.70	50.37	33.06	8.49	8.21	12.9	2.802
1246	6/20/2013 12:30:50	17.03	50.41	33.10	8.58	8.24	12.6	2.734
1247	6/20/2013 12:45:51	17.37	50.48	33.15	8.67	8.26	14.0	2.645
1248	6/20/2013 13:00:50	17.59	50.44	33.12	8.75	8.27	13.7	2.567
1249	6/20/2013 13:15:50	17.87	50.55	33.21	8.92	8.29	13.1	2.509
1250	6/20/2013 13:30:50	18.00	50.50	33.17	8.89	8.29	14.3	2.440
1251	6/20/2013 13:45:50	18.29	50.55	33.21	9.02	8.32	17.7	2.354
1252	6/20/2013 14:00:50	18.50	50.55	33.21	9.06	8.33	12.5	2.306
1253	6/20/2013 14:15:50	18.65	50.61	33.26	9.12	8.34	12.3	2.262
1254	6/20/2013 14:30:50	18.76	50.60	33.25	9.08	8.34	12.5	2.205
1255	6/20/2013 14:45:50	18.88	50.60	33.25	9.26	8.35	13.7	2.181
1256	6/20/2013 15:00:50	18.98	50.63	33.27	9.27	8.36	13.3	2.170
1257	6/20/2013 15:15:50	19.15	50.64	33.28	9.27	8.36	10.4	2.159
1258	6/20/2013 15:30:50	18.97	50.62	33.26	9.34	8.33	11.2	2.154
1259	6/20/2013 15:45:50	18.99	50.51	33.18	9.29	8.34	11.7	2.178
1260	6/20/2013 16:00:50	19.14	50.58	33.23	9.47	8.36	10.6	2.210
1261	6/20/2013 16:15:50	19.09	50.65	33.29	9.56	8.37	12.3	2.250
1262	6/20/2013 16:30:51	19.14	50.65	33.29	9.64	8.37	10.9	2.310
1263	6/20/2013 16:45:50	19.01	50.51	33.19	9.56	8.36	12.3	2.365
1264	6/20/2013 17:00:50	18.81	50.57	33.22	9.45	8.34	11.9	2.428
1265	6/20/2013 17:15:50	19.00	50.58	33.23	9.79	8.36	12.3	2.506
1266	6/20/2013 17:30:50	18.59	50.50	33.17	9.49	8.32	11.6	2.578
1267	6/20/2013 17:45:50	18.31	50.39	33.10	9.55	8.31	12.8	2.646
1268	6/20/2013 18:00:50	18.14	50.41	33.11	9.42	8.30	12.2	2.724

1269	6/20/2013 18:15:50	17.58	50.35	33.06	9.19	8.27	13.9	2.804
1270	6/20/2013 18:30:51	17.03	50.39	33.08	9.26	8.24	13.4	2.874
1271	6/20/2013 18:45:51	16.66	50.36	33.06	9.39	8.25	14.4	2.962
1272	6/20/2013 19:00:51	16.30	50.32	33.02	9.50	8.23	14.1	3.049
1273	6/20/2013 19:15:51	16.00	50.34	33.03	9.51	8.23	14.6	3.131
1274	6/20/2013 19:30:51	15.45	50.31	33.00	9.73	8.21	16.0	3.229
1275	6/20/2013 19:45:51	15.26	50.25	32.95	9.94	8.22	18.0	3.315
1276	6/20/2013 20:00:50	14.91	50.22	32.92	10.80	8.25	18.1	3.409
1277	6/20/2013 20:15:51	14.57	50.29	32.96	11.14	8.26	16.1	3.507
1278	6/20/2013 20:30:51	14.03	50.21	32.89	11.36	8.25	17.3	3.591
1279	6/20/2013 20:45:50	13.74	50.11	32.81	11.48	8.24	17.2	3.677
1280	6/20/2013 21:00:50	13.46	50.17	32.84	11.87	8.26	13.2	3.743
1281	6/20/2013 21:15:50	13.34	50.13	32.81	12.15	8.27	10.3	3.812
1282	6/20/2013 21:30:50	13.29	50.15	32.82	12.20	8.28	8.6	3.857
1283	6/20/2013 21:45:50	13.23	50.22	32.87	12.14	8.27	5.4	3.898
1284	6/20/2013 22:00:50	13.73	50.03	32.75	11.68	8.27	9.8	3.912
1285	6/20/2013 22:15:51	13.42	50.25	32.90	11.83	8.27	8.8	3.903
1286	6/20/2013 22:30:51	13.50	50.27	32.92	11.58	8.26	10.2	3.877
1287	6/20/2013 22:45:51	13.24	50.21	32.86	11.48	8.25	15.6	3.813
1288	6/20/2013 23:00:51	13.24	50.22	32.87	11.44	8.25	13.0	3.742
1289	6/20/2013 23:15:51	13.08	50.21	32.86	11.49	8.26	13.7	3.647
1290	6/20/2013 23:30:51	13.74	50.36	32.99	11.12	8.27	15.7	3.537
1291	6/20/2013 23:45:50	15.42	50.27	32.97	10.06	8.28	21.6	3.431
1292	6/21/2013 0:00:50	15.51	50.34	33.02	10.31	8.29	24.1	3.302
1293	6/21/2013 0:15:51	15.79	50.35	33.03	10.14	8.30	24.4	3.175
1294	6/21/2013 0:30:50	16.31	50.32	33.02	9.67	8.30	24.5	3.054
1295	6/21/2013 0:45:50	16.71	50.43	33.11	9.27	8.30	27.2	2.924
1296	6/21/2013 1:00:50	16.72	50.44	33.11	9.07	8.30	29.7	2.796
1297	6/21/2013 1:15:51	16.25	50.40	33.08	9.54	8.30	23.1	2.651
1298	6/21/2013 1:30:51	16.18	50.39	33.07	9.45	8.33	23.4	2.517
1299	6/21/2013 1:45:50	16.12	50.41	33.08	9.43	8.31	21.6	2.377
1300	6/21/2013 2:00:51	16.65	50.57	33.21	9.16	8.32	21.1	2.222
1301	6/21/2013 2:15:50	17.15	50.49	33.16	8.92	8.33	24.6	2.074
1302	6/21/2013 2:30:50	17.04	50.63	33.26	8.80	8.32	24.9	1.918
1303	6/21/2013 2:45:50	17.63	50.64	33.28	8.57	8.33	24.9	1.779
1304	6/21/2013 3:00:50	18.00	50.56	33.21	8.46	8.35	23.3	1.617
1305	6/21/2013 3:15:50	18.43	50.66	33.29	8.39	8.37	22.0	1.480
1306	6/21/2013 3:30:50	18.62	50.80	33.39	8.31	8.38	21.2	1.361
1307	6/21/2013 3:45:50	18.63	50.59	33.24	8.21	8.38	21.2	1.219
1308	6/21/2013 4:00:50	18.84	50.77	33.37	8.15	8.39	27.8	1.148
1309	6/21/2013 4:15:50	18.84	50.86	33.44	8.09	8.39	24.4	1.085
1310	6/21/2013 4:30:50	18.72	50.77	33.37	7.87	8.38	23.5	1.039
1311	6/21/2013 4:45:50	18.80	50.69	33.32	7.86	8.37	17.2	1.078
1312	6/21/2013 5:00:50	18.82	50.81	33.40	7.95	8.38	15.6	1.116
1313	6/21/2013 5:15:50	18.91	50.84	33.42	7.94	8.40	15.3	1.184
1314	6/21/2013 5:30:50	18.93	50.86	33.44	7.92	8.40	14.9	1.247
1315	6/21/2013 5:45:50	19.02	50.80	33.40	7.97	8.41	16.1	1.324
1316	6/21/2013 6:00:50	18.90	50.83	33.42	7.97	8.40	14.9	1.401
1317	6/21/2013 6:15:51	19.06	50.86	33.44	7.63	8.38	18.9	1.468
1318	6/21/2013 6:30:50	19.35	50.82	33.41	7.14	8.36	24.7	1.532
1319	6/21/2013 6:45:50	19.24	50.81	33.40	7.21	8.36	22.2	1.619
1320	6/21/2013 7:00:50	19.14	50.84	33.42	7.33	8.36	22.5	1.709
1321	6/21/2013 7:15:50	18.96	50.77	33.37	7.46	8.37	23.4	1.787

1322	6/21/2013 7:30:51	18.80	50.80	33.40	7.52	8.36	21.4	1.878
1323	6/21/2013 7:45:50	18.66	50.65	33.29	7.62	8.35	20.9	1.983
1324	6/21/2013 8:00:50	18.43	50.67	33.30	7.81	8.35	20.8	2.089
1325	6/21/2013 8:15:50	18.03	50.62	33.26	7.96	8.32	19.2	2.188
1326	6/21/2013 8:30:51	17.85	50.61	33.26	8.06	8.31	18.7	2.287
1327	6/21/2013 8:45:50	17.71	50.51	33.18	8.08	8.29	18.3	2.382
1328	6/21/2013 9:00:50	17.56	50.50	33.17	8.12	8.28	18.4	2.485
1329	6/21/2013 9:15:50	17.39	50.44	33.12	8.18	8.27	17.8	2.566
1330	6/21/2013 9:30:50	17.16	50.47	33.14	8.31	8.27	18.5	2.647
1331	6/21/2013 9:45:50	17.00	50.43	33.11	8.38	8.27	17.8	2.729
1332	6/21/2013 10:00:51	16.79	50.43	33.11	8.43	8.26	18.4	2.809
1333	6/21/2013 10:15:51	16.46	50.32	33.03	8.67	8.25	20.2	2.869
1334	6/21/2013 10:30:51	16.24	50.40	33.08	8.75	8.25	17.3	2.939
1335	6/21/2013 10:45:50	15.74	50.28	32.98	8.93	8.23	16.0	2.994
1336	6/21/2013 11:00:50	15.19	50.27	32.96	9.20	8.23	13.9	3.047
1337	6/21/2013 11:15:50	14.86	50.23	32.93	9.33	8.22	13.7	3.091
	Mean	16.24	50.51	33.15	8.32	8.25	13.64	2.56
	Minimum	12.00	50.00	32.75	6.55	7.99	3.60	1.04
	Maximum	19.54	50.89	33.46	12.20	8.46	29.70	3.91

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

DO%
101.1
100.7
95.2
96.6
96.4
104.7
108.8
112.6
114.1
114.6
117.8
118.6
119.3
120.2
118.4
118.0
117.7
115.6
116.0
120.4
120.8
125.4
128.2
131.0
129.2
125.3
125.0
129.4
124.5
122.4
115.1
110.9
107.0
106.4
104.6
102.0
100.3
99.1
98.1
97.3
96.3
95.7
95.1
94.0
94.0
92.8
92.9
96.4
96.0
95.8

98.3
99.4
100.4
101.2
100.6
100.2
99.9
107.1
106.8
106.8
107.2
106.5
107.3
107.7
107.6
109.9
111.6
111.9
113.2
112.3
107.6
107.5
111.5
113.7
112.3
114.3
115.0
110.4
109.8
107.8
106.2
107.8
107.2
106.8
105.6
105.0
104.2
103.9
104.8
105.8
104.9
102.5
103.6
102.7
101.2
100.8
100.7
100.8
100.5
99.4
97.8
98.2
98.4

106.0
107.1
108.4
107.4
110.2
110.5
112.6
112.3
112.2
112.5
112.8
112.6
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sonde #3 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	6/21/2013 11:45:40	14.58	51.39	33.77	9.65	8.04	10.4	3.063	116.7
1	6/21/2013 12:00:40	14.83	51.55	33.90	9.46	8.05	13.1	3.117	115.1
2	6/21/2013 12:15:40	14.71	51.53	33.88	9.44	8.05	14.8	3.104	114.6
3	6/21/2013 12:30:40	14.69	51.48	33.84	9.48	8.06	11.0	3.069	115.0
4	6/21/2013 12:45:40	14.90	51.52	33.87	9.46	8.07	13.7	3.005	115.2
5	6/21/2013 13:00:40	15.73	51.59	33.95	9.44	8.10	16.8	2.945	117.0
6	6/21/2013 13:15:40	16.35	51.62	33.98	9.66	8.14	17.3	2.870	121.2
7	6/21/2013 13:30:40	16.68	51.59	33.96	9.66	8.15	16.8	2.789	121.9
8	6/21/2013 13:45:40	17.01	51.58	33.96	9.76	8.17	17.4	2.700	124.0
9	6/21/2013 14:00:40	17.17	51.57	33.96	9.78	8.18	19.1	2.628	124.6
10	6/21/2013 14:15:40	17.39	51.61	33.98	9.72	8.19	15.6	2.557	124.4
11	6/21/2013 14:30:40	17.62	51.65	34.02	9.67	8.20	15.8	2.475	124.3
12	6/21/2013 14:45:40	17.98	51.70	34.05	9.71	8.21	16.9	2.405	125.7
13	6/21/2013 15:00:40	18.28	51.73	34.08	9.52	8.22	16.6	2.342	124.0
14	6/21/2013 15:15:40	18.38	51.77	34.11	9.46	8.23	17.3	2.282	123.4
15	6/21/2013 15:30:40	18.53	51.79	34.12	9.34	8.23	15.8	2.225	122.3
16	6/21/2013 15:45:40	18.59	51.81	34.14	9.37	8.24	17.1	2.175	122.7
17	6/21/2013 16:00:40	18.71	51.82	34.15	9.38	8.24	13.4	2.170	123.3
18	6/21/2013 16:15:40	18.78	51.81	34.14	9.42	8.25	13.6	2.141	123.9
19	6/21/2013 16:30:40	18.83	51.81	34.14	9.23	8.23	13.4	2.133	121.4
20	6/21/2013 16:45:40	18.66	51.76	34.10	9.65	8.24	11.7	2.166	126.5
21	6/21/2013 17:00:40	18.86	51.80	34.13	9.46	8.25	11.5	2.188	124.6
22	6/21/2013 17:15:40	18.81	51.79	34.13	9.71	8.26	12.8	2.232	127.8
23	6/21/2013 17:30:40	19.09	51.84	34.16	10.04	8.29	13.7	2.289	132.9
24	6/21/2013 17:45:40	18.92	51.83	34.16	9.89	8.28	25.6	2.363	130.4
25	6/21/2013 18:00:40	18.93	51.81	34.14	10.09	8.28	17.6	2.433	133.1
26	6/21/2013 18:15:40	18.94	51.77	34.11	10.10	8.27	21.9	2.514	133.2
27	6/21/2013 18:30:40	18.43	51.74	34.09	10.05	8.25	20.8	2.590	131.2
28	6/21/2013 18:45:40	18.27	51.72	34.07	9.98	8.23	21.3	2.667	130.0
29	6/21/2013 19:00:40	17.71	51.67	34.03	9.74	8.20	27.1	2.752	125.4
30	6/21/2013 19:15:40	17.23	51.62	33.99	9.90	8.19	19.4	2.832	126.4
31	6/21/2013 19:30:40	16.54	51.59	33.96	9.95	8.16	21.3	2.912	125.2
32	6/21/2013 19:45:40	16.25	51.58	33.95	9.96	8.16	15.7	3.005	124.6
33	6/21/2013 20:00:40	15.92	51.55	33.92	10.07	8.15	18.3	3.099	125.2
34	6/21/2013 20:15:40	15.44	51.53	33.90	10.20	8.14	24.1	3.189	125.7
35	6/21/2013 20:30:40	14.93	51.49	33.86	10.37	8.13	23.8	3.287	126.4
36	6/21/2013 20:45:40	14.36	51.51	33.85	10.38	8.11	26.9	3.392	125.1
37	6/21/2013 21:00:40	13.68	51.52	33.84	10.27	8.09	22.2	3.487	122.1
38	6/21/2013 21:15:40	13.20	51.52	33.82	10.01	8.06	24.9	3.584	117.7
39	6/21/2013 21:30:40	12.62	51.53	33.80	9.80	8.03	21.1	3.677	114.0
40	6/21/2013 21:45:40	12.47	51.55	33.81	9.84	8.03	13.3	3.758	114.1
41	6/21/2013 22:00:40	12.31	51.55	33.80	9.77	8.03	11.7	3.834	112.8
42	6/21/2013 22:15:40	12.14	51.57	33.80	9.76	8.02	6.7	3.895	112.4
43	6/21/2013 22:30:40	12.11	51.56	33.80	9.69	8.02	7.0	3.936	111.4
44	6/21/2013 22:45:40	12.09	51.56	33.79	8.83	7.99	5.5	3.963	101.6
45	6/21/2013 23:00:40	12.52	51.70	33.92	9.65	8.03	8.9	3.962	112.0
46	6/21/2013 23:15:40	12.71	51.57	33.83	9.46	8.03	11.8	3.942	110.3
47	6/21/2013 23:30:40	13.00	51.56	33.84	9.54	8.05	12.1	3.890	111.8
48	6/21/2013 23:45:40	12.41	51.55	33.80	9.39	8.02	13.3	3.813	108.7
49	6/22/2013 0:00:40	12.29	51.44	33.72	9.43	8.01	12.7	3.724	108.8
50	6/22/2013 0:15:40	13.39	51.68	33.94	9.35	8.08	12.8	3.613	110.5
51	6/22/2013 0:30:40	14.66	51.56	33.90	9.51	8.13	16.8	3.485	115.3
52	6/22/2013 0:45:40	14.69	51.56	33.89	9.76	8.14	20.2	3.366	118.4

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
53	6/22/2013 1:00:40	14.79	51.58	33.91	9.72	8.14	21.4	3.234	118.1
54	6/22/2013 1:15:40	15.32	51.62	33.96	9.61	8.15	22.7	3.106	118.1
55	6/22/2013 1:30:40	15.84	51.62	33.97	9.47	8.17	26.0	2.957	117.7
56	6/22/2013 1:45:40	16.36	51.64	33.99	9.35	8.18	22.4	2.826	117.3
57	6/22/2013 2:00:40	16.42	51.64	33.99	9.10	8.18	37.9	2.675	114.3
58	6/22/2013 2:15:40	16.19	51.81	34.11	9.09	8.17	24.2	2.517	113.8
59	6/22/2013 2:30:40	16.00	51.68	34.02	9.21	8.17	22.4	2.379	114.8
60	6/22/2013 2:45:40	15.78	51.78	34.09	9.17	8.16	21.0	2.205	113.9
61	6/22/2013 3:00:40	16.59	51.67	34.02	9.11	8.20	26.7	2.036	114.9
62	6/22/2013 3:15:40	16.81	51.60	33.97	9.06	8.20	30.3	1.889	114.7
63	6/22/2013 3:30:40	17.34	51.75	34.08	8.94	8.22	26.5	1.712	114.3
64	6/22/2013 3:45:40	17.86	51.90	34.21	8.83	8.23	26.0	1.532	114.2
65	6/22/2013 4:00:40	18.14	51.91	34.21	8.76	8.24	22.5	1.371	113.9
66	6/22/2013 4:15:40	18.53	51.92	34.22	8.67	8.26	21.9	1.222	113.5
67	6/22/2013 4:30:40	18.70	51.97	34.26	8.61	8.27	23.9	1.085	113.1
68	6/22/2013 4:45:40	18.90	52.02	34.30	8.56	8.28	24.2	0.959	113.0
69	6/22/2013 5:00:40	19.06	52.04	34.31	8.54	8.29	20.9	0.863	113.0
70	6/22/2013 5:15:40	18.69	52.04	34.31	8.07	8.25	21.2	0.827	106.0
71	6/22/2013 5:30:40	18.96	52.00	34.28	8.27	8.28	16.9	0.843	109.2
72	6/22/2013 5:45:40	19.12	52.03	34.30	8.39	8.29	15.3	0.881	111.2
73	6/22/2013 6:00:40	19.15	52.05	34.32	8.38	8.29	15.3	0.951	111.0
74	6/22/2013 6:15:40	19.03	52.04	34.31	8.31	8.28	15.3	1.041	109.9
75	6/22/2013 6:30:40	19.10	52.05	34.32	8.33	8.29	14.6	1.115	110.3
76	6/22/2013 6:45:40	19.09	52.03	34.31	8.38	8.29	14.4	1.184	110.9
77	6/22/2013 7:00:40	19.05	52.03	34.30	8.42	8.29	14.5	1.257	111.4
78	6/22/2013 7:15:40	19.29	51.99	34.27	7.82	8.25	17.7	1.317	103.8
79	6/22/2013 7:30:40	19.38	51.99	34.27	7.45	8.23	21.5	1.408	99.2
80	6/22/2013 7:45:40	19.23	51.99	34.27	7.65	8.24	23.0	1.496	101.5
81	6/22/2013 8:00:40	19.11	51.95	34.24	7.62	8.23	22.8	1.583	100.9
82	6/22/2013 8:15:40	18.87	51.95	34.24	7.87	8.24	22.2	1.705	103.7
83	6/22/2013 8:30:40	18.61	51.93	34.23	8.01	8.23	21.9	1.818	105.1
84	6/22/2013 8:45:40	18.46	51.88	34.19	8.07	8.23	21.6	1.926	105.5
85	6/22/2013 9:00:40	18.15	51.84	34.16	8.25	8.22	22.0	2.043	107.2
86	6/22/2013 9:15:40	17.94	51.79	34.12	8.36	8.21	22.0	2.155	108.2
87	6/22/2013 9:30:40	17.80	51.83	34.15	8.38	8.20	21.3	2.276	108.2
88	6/22/2013 9:45:40	17.68	51.80	34.13	8.47	8.19	21.1	2.386	109.0
89	6/22/2013 10:00:40	17.58	51.79	34.12	8.50	8.19	21.4	2.475	109.3
90	6/22/2013 10:15:40	17.31	51.71	34.06	8.72	8.18	20.8	2.574	111.5
91	6/22/2013 10:30:40	17.04	51.72	34.06	8.71	8.17	23.0	2.664	110.8
92	6/22/2013 10:45:40	16.58	51.64	34.00	8.91	8.16	25.2	2.750	112.3
93	6/22/2013 11:00:40	16.24	51.63	33.98	9.06	8.15	27.1	2.831	113.4
94	6/22/2013 11:15:40	15.44	51.57	33.93	9.08	8.12	26.8	2.906	111.8
95	6/22/2013 11:30:40	14.93	51.54	33.89	9.21	8.11	24.4	2.977	112.2
96	6/22/2013 11:45:40	14.55	51.54	33.88	9.37	8.10	21.6	3.044	113.3
97	6/22/2013 12:00:40	14.35	51.51	33.85	9.47	8.10	17.0	3.105	114.0
98	6/22/2013 12:15:40	14.28	51.53	33.86	9.50	8.10	12.6	3.140	114.3
99	6/22/2013 12:30:40	14.16	51.52	33.85	9.47	8.09	11.4	3.184	113.7
100	6/22/2013 12:45:40	14.10	51.51	33.85	9.31	8.08	10.3	3.210	111.6
101	6/22/2013 13:00:40	14.43	51.54	33.87	9.38	8.09	18.3	3.189	113.2
102	6/22/2013 13:15:40	14.23	51.56	33.88	9.35	8.08	12.4	3.173	112.4
103	6/22/2013 13:30:40	14.27	51.53	33.86	9.32	8.08	14.2	3.121	112.1
104	6/22/2013 13:45:40	14.59	51.56	33.89	9.37	8.10	18.4	3.051	113.5
105	6/22/2013 14:00:40	15.61	51.61	33.95	10.01	8.16	21.4	2.981	123.7

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
106	6/22/2013 14:15:40	15.87	51.56	33.92	10.33	8.18	20.9	2.877	128.4
107	6/22/2013 14:30:40	16.51	51.59	33.96	10.52	8.21	19.1	2.793	132.4
108	6/22/2013 14:45:40	16.87	51.50	33.90	10.65	8.23	16.7	2.707	134.8
109	6/22/2013 15:00:40	17.09	51.59	33.96	10.69	8.23	17.1	2.618	136.1
110	6/22/2013 15:15:40	17.45	51.70	34.05	10.71	8.24	17.5	2.528	137.3
111	6/22/2013 15:30:40	17.80	51.75	34.09	10.76	8.25	17.3	2.455	138.9
112	6/22/2013 15:45:40	18.06	51.64	34.01	10.87	8.26	16.6	2.380	140.9
113	6/22/2013 16:00:40	18.37	51.67	34.04	11.04	8.27	16.9	2.311	143.9
114	6/22/2013 16:15:40	18.85	51.80	34.13	10.80	8.28	15.1	2.238	142.2
115	6/22/2013 16:30:40	19.16	51.85	34.17	10.73	8.30	14.2	2.186	142.1
116	6/22/2013 16:45:40	19.21	51.82	34.15	10.51	8.29	13.0	2.144	139.3
117	6/22/2013 17:00:40	19.40	51.78	34.12	10.81	8.31	13.8	2.109	143.8
118	6/22/2013 17:15:40	19.48	51.82	34.15	10.66	8.31	11.9	2.097	142.1
119	6/22/2013 17:30:40	19.13	51.72	34.07	11.12	8.30	12.0	2.114	147.1
120	6/22/2013 17:45:40	19.22	51.76	34.10	10.83	8.30	11.4	2.121	143.6
121	6/22/2013 18:00:40	19.20	51.80	34.13	10.41	8.29	12.1	2.151	137.9
122	6/22/2013 18:15:40	19.37	51.85	34.17	10.49	8.31	15.0	2.220	139.5
123	6/22/2013 18:30:40	19.13	51.81	34.14	10.44	8.29	15.6	2.289	138.2
124	6/22/2013 18:45:40	19.53	51.80	34.13	10.61	8.30	18.0	2.356	141.5
125	6/22/2013 19:00:40	19.59	51.77	34.11	10.60	8.30	17.5	2.443	141.5
126	6/22/2013 19:15:40	18.96	51.73	34.08	10.40	8.28	17.8	2.532	137.1
127	6/22/2013 19:30:40	18.39	51.73	34.08	10.19	8.25	18.0	2.613	132.9
128	6/22/2013 19:45:40	17.80	51.62	33.99	10.15	8.23	17.0	2.689	130.9
129	6/22/2013 20:00:40	17.22	51.64	34.00	10.19	8.21	16.7	2.781	130.0
130	6/22/2013 20:15:40	16.54	51.60	33.96	9.91	8.18	16.6	2.882	124.7
131	6/22/2013 20:30:40	16.35	51.61	33.97	9.89	8.17	16.6	2.966	124.1
132	6/22/2013 20:45:40	15.54	51.56	33.92	9.89	8.14	19.9	3.050	122.1
133	6/22/2013 21:00:40	14.89	51.52	33.88	9.81	8.12	19.1	3.158	119.4
134	6/22/2013 21:15:40	14.21	51.48	33.82	9.88	8.10	23.4	3.266	118.7
135	6/22/2013 21:30:40	13.58	51.52	33.83	9.87	8.08	22.8	3.367	117.1
136	6/22/2013 21:45:40	13.10	51.49	33.79	10.02	8.07	19.4	3.473	117.6
137	6/22/2013 22:00:40	12.72	51.46	33.75	10.01	8.05	20.6	3.572	116.5
138	6/22/2013 22:15:40	12.30	51.51	33.77	10.15	8.05	17.4	3.677	117.2
139	6/22/2013 22:30:40	12.10	51.54	33.78	10.26	8.04	17.1	3.762	117.9
140	6/22/2013 22:45:40	12.00	51.53	33.77	10.26	8.05	10.6	3.841	117.7
141	6/22/2013 23:00:40	11.96	51.53	33.77	10.23	8.04	8.7	3.915	117.3
142	6/22/2013 23:15:40	11.89	51.52	33.76	10.16	8.03	6.0	3.970	116.3
143	6/22/2013 23:30:40	11.89	51.52	33.76	9.98	8.02	6.4	3.992	114.2
144	6/22/2013 23:45:40	12.54	51.54	33.81	10.03	8.05	9.0	4.022	116.3
145	6/23/2013 0:00:40	12.29	51.55	33.80	9.83	8.03	8.4	4.014	113.5
146	6/23/2013 0:15:40	12.41	51.54	33.80	9.85	8.04	13.3	3.970	114.0
147	6/23/2013 0:30:40	12.29	51.54	33.79	9.91	8.04	10.3	3.906	114.4
148	6/23/2013 0:45:40	12.20	51.50	33.76	9.90	8.03	11.6	3.826	114.1
149	6/23/2013 1:00:40	12.70	51.51	33.79	9.81	8.05	12.3	3.719	114.3
150	6/23/2013 1:15:40	13.33	51.50	33.81	9.84	8.08	13.6	3.599	116.0
151	6/23/2013 1:30:40	14.01	51.52	33.85	9.89	8.11	18.6	3.463	118.4
152	6/23/2013 1:45:40	14.34	51.64	33.94	9.80	8.11	22.3	3.330	118.1
153	6/23/2013 2:00:40	14.83	51.55	33.89	9.67	8.13	18.7	3.194	117.7
154	6/23/2013 2:15:40	15.04	51.61	33.94	9.62	8.13	23.7	3.042	117.6
155	6/23/2013 2:30:40	15.82	51.61	33.96	9.53	8.15	20.9	2.890	118.3
156	6/23/2013 2:45:40	16.03	51.77	34.08	9.31	8.14	27.8	2.748	116.1
157	6/23/2013 3:00:40	16.10	51.60	33.96	9.33	8.15	33.2	2.588	116.4
158	6/23/2013 3:15:40	14.46	52.19	34.35	9.39	8.09	35.1	2.418	113.7

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
159	6/23/2013 3:30:40	15.77	51.64	33.98	9.48	8.15	28.2	2.263	117.5
160	6/23/2013 3:45:40	16.09	51.72	34.05	9.48	8.17	23.4	2.077	118.4
161	6/23/2013 4:00:40	16.84	51.66	34.01	9.39	8.19	24.1	1.912	118.9
162	6/23/2013 4:15:40	17.08	51.77	34.10	9.27	8.19	28.5	1.749	118.0
163	6/23/2013 4:30:40	17.54	51.89	34.19	9.16	8.20	28.7	1.572	117.7
164	6/23/2013 4:45:40	18.26	51.82	34.15	9.14	8.23	24.5	1.384	119.0
165	6/23/2013 5:00:40	18.57	51.85	34.17	9.05	8.24	24.5	1.223	118.5
166	6/23/2013 5:15:40	18.83	51.86	34.18	8.94	8.24	23.1	1.057	117.7
167	6/23/2013 5:30:40	19.14	51.88	34.20	8.92	8.25	27.4	0.910	118.2
168	6/23/2013 5:45:40	19.12	51.92	34.22	8.77	8.24	27.5	0.808	116.2
169	6/23/2013 6:00:40	19.46	51.93	34.23	8.82	8.26	23.0	0.715	117.5
170	6/23/2013 6:15:40	19.50	51.90	34.21	8.62	8.25	17.2	0.681	115.0
171	6/23/2013 6:30:40	19.59	51.92	34.22	8.75	8.27	19.7	0.715	116.9
172	6/23/2013 6:45:40	19.77	51.92	34.22	8.74	8.28	16.8	0.775	117.1
173	6/23/2013 7:00:40	19.57	51.95	34.24	8.70	8.27	16.3	0.873	116.1
174	6/23/2013 7:15:40	19.61	51.95	34.24	8.77	8.27	16.7	0.991	117.2
175	6/23/2013 7:30:40	19.66	51.94	34.24	8.86	8.28	16.6	1.077	118.5
176	6/23/2013 7:45:40	19.60	51.92	34.22	8.80	8.27	15.7	1.150	117.6
177	6/23/2013 8:00:40	19.99	51.86	34.18	8.17	8.23	20.7	1.236	109.8
178	6/23/2013 8:15:40	19.63	51.88	34.19	8.35	8.24	15.7	1.316	111.6
179	6/23/2013 8:30:40	19.57	51.87	34.19	8.28	8.23	18.6	1.409	110.5
180	6/23/2013 8:45:40	19.59	51.85	34.17	8.17	8.22	22.5	1.505	109.0
181	6/23/2013 9:00:40	19.28	51.83	34.15	8.28	8.22	23.0	1.622	110.0
182	6/23/2013 9:15:40	19.02	51.83	34.16	8.44	8.21	23.1	1.741	111.5
183	6/23/2013 9:30:40	18.81	51.82	34.15	8.47	8.21	23.0	1.856	111.5
184	6/23/2013 9:45:40	18.53	51.80	34.13	8.57	8.20	21.9	1.971	112.1
185	6/23/2013 10:00:40	18.34	51.78	34.12	8.70	8.19	22.4	2.123	113.4
186	6/23/2013 10:15:40	18.19	51.77	34.11	8.78	8.19	23.4	2.232	114.1
187	6/23/2013 10:30:40	18.01	51.75	34.09	8.82	8.19	21.3	2.331	114.3
188	6/23/2013 10:45:40	17.72	51.68	34.04	8.89	8.18	22.3	2.455	114.6
189	6/23/2013 11:00:40	17.45	51.69	34.04	8.92	8.17	26.1	2.551	114.3
190	6/23/2013 11:15:40	16.93	51.62	33.98	9.11	8.16	24.7	2.651	115.6
191	6/23/2013 11:30:40	16.50	51.60	33.97	9.17	8.14	28.0	2.739	115.3
192	6/23/2013 11:45:40	15.59	51.54	33.91	9.19	8.11	23.2	2.833	113.5
193	6/23/2013 12:00:40	14.63	51.51	33.86	9.23	8.08	22.7	2.929	111.9
194	6/23/2013 12:15:40	14.22	51.52	33.85	9.17	8.07	25.6	3.001	110.3
195	6/23/2013 12:30:40	14.11	51.53	33.86	9.20	8.07	24.4	3.083	110.3
196	6/23/2013 12:45:40	13.84	51.51	33.83	9.13	8.05	27.8	3.153	108.8
197	6/23/2013 13:00:40	13.50	51.51	33.82	9.16	8.05	18.6	3.217	108.5
198	6/23/2013 13:15:40	13.16	51.53	33.82	9.12	8.03	13.9	3.270	107.2
199	6/23/2013 13:30:40	13.12	51.52	33.82	9.03	8.02	9.2	3.301	106.0
200	6/23/2013 13:45:40	13.59	51.54	33.84	9.03	8.05	11.4	3.321	107.2
201	6/23/2013 14:00:40	13.36	51.52	33.82	8.99	8.03	14.7	3.306	106.1
202	6/23/2013 14:15:40	13.19	51.50	33.80	9.00	8.03	23.8	3.294	105.9
203	6/23/2013 14:30:40	13.53	51.54	33.84	9.08	8.04	19.1	3.239	107.6
204	6/23/2013 14:45:40	14.12	51.63	33.93	9.33	8.08	19.5	3.161	111.9
205	6/23/2013 15:00:40	14.70	51.56	33.90	9.62	8.10	24.5	3.063	116.8
206	6/23/2013 15:15:40	14.66	51.47	33.83	9.73	8.10	23.0	2.959	117.9
207	6/23/2013 15:30:40	15.47	51.62	33.96	9.62	8.13	26.0	2.866	118.6
208	6/23/2013 15:45:40	16.36	51.70	34.04	9.57	8.16	33.2	2.757	120.2
209	6/23/2013 16:00:40	15.76	51.38	33.79	9.74	8.15	39.0	2.671	120.6
210	6/23/2013 16:15:40	15.24	51.41	33.80	9.81	8.13	34.4	2.586	120.2
211	6/23/2013 16:30:40	16.44	51.82	34.13	9.53	8.16	29.9	2.486	119.8

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
212	6/23/2013 16:45:40	16.33	51.51	33.89	9.60	8.16	30.0	2.415	120.3
213	6/23/2013 17:00:40	16.55	51.66	34.01	9.69	8.18	26.1	2.304	122.1
214	6/23/2013 17:15:40	17.36	51.61	33.98	9.62	8.21	23.5	2.252	123.0
215	6/23/2013 17:30:40	17.81	51.69	34.05	9.54	8.22	22.5	2.196	123.1
216	6/23/2013 17:45:40	18.20	51.74	34.09	9.53	8.23	22.0	2.119	124.0
217	6/23/2013 18:00:40	18.12	51.66	34.03	9.59	8.24	20.4	2.087	124.5
218	6/23/2013 18:15:40	18.89	51.76	34.10	9.34	8.25	19.9	2.086	123.1
219	6/23/2013 18:30:40	19.00	51.75	34.10	9.06	8.25	19.5	2.082	119.6
220	6/23/2013 18:45:40	18.78	51.73	34.08	9.21	8.25	17.1	2.094	121.1
221	6/23/2013 19:00:40	18.64	51.72	34.07	9.30	8.24	17.5	2.143	122.0
222	6/23/2013 19:15:40	18.50	51.71	34.07	9.34	8.23	18.5	2.207	122.1
223	6/23/2013 19:30:40	18.32	51.70	34.06	9.32	8.22	19.7	2.268	121.5
224	6/23/2013 19:45:40	17.99	51.65	34.02	9.42	8.22	20.6	2.349	122.0
225	6/23/2013 20:00:40	17.91	51.65	34.02	9.42	8.21	21.1	2.444	121.8
226	6/23/2013 20:15:40	17.46	51.61	33.99	9.39	8.19	21.6	2.538	120.4
227	6/23/2013 20:30:40	17.15	51.61	33.98	9.35	8.18	24.6	2.617	119.2
228	6/23/2013 20:45:40	16.78	51.58	33.96	9.31	8.16	29.6	2.706	117.8
229	6/23/2013 21:00:40	16.39	51.58	33.95	9.31	8.15	24.7	2.800	116.8
230	6/23/2013 21:15:40	16.13	51.47	33.86	9.26	8.14	25.0	2.900	115.5
231	6/23/2013 21:30:40	15.82	51.56	33.92	9.25	8.13	23.1	2.996	114.8
232	6/23/2013 21:45:40	15.08	51.49	33.86	9.30	8.10	24.0	3.095	113.7
233	6/23/2013 22:00:40	14.33	51.51	33.85	9.24	8.07	25.4	3.203	111.3
234	6/23/2013 22:15:40	13.64	51.47	33.80	9.29	8.05	31.9	3.311	110.2
235	6/23/2013 22:30:40	12.90	51.50	33.79	9.23	8.02	26.1	3.419	107.9
236	6/23/2013 22:45:40	12.53	51.48	33.76	9.27	8.01	27.3	3.525	107.6
237	6/23/2013 23:00:40	12.19	51.49	33.75	9.28	8.00	18.4	3.630	106.9
238	6/23/2013 23:15:40	12.01	51.50	33.75	9.31	8.00	17.0	3.725	106.9
239	6/23/2013 23:30:40	11.88	51.53	33.77	9.28	8.00	13.8	3.811	106.2
240	6/23/2013 23:45:40	11.87	51.54	33.77	9.26	8.00	9.5	3.885	105.9
241	6/24/2013 0:00:40	11.81	51.52	33.76	9.22	7.99	7.7	3.956	105.4
242	6/24/2013 0:15:40	11.83	51.53	33.76	9.17	7.99	8.3	3.999	104.8
243	6/24/2013 0:30:40	12.10	51.56	33.80	8.94	7.97	5.6	4.020	102.8
244	6/24/2013 0:45:40	12.44	51.55	33.81	8.96	8.00	7.9	4.036	103.8
245	6/24/2013 1:00:40	12.33	51.55	33.80	8.87	7.99	10.9	4.018	102.5
246	6/24/2013 1:15:40	12.17	51.51	33.77	8.98	7.99	12.6	3.965	103.4
247	6/24/2013 1:30:40	12.09	51.54	33.78	9.00	7.99	13.1	3.899	103.5
248	6/24/2013 1:45:40	12.36	51.41	33.70	9.03	8.00	12.4	3.808	104.4
249	6/24/2013 2:00:40	12.69	51.41	33.72	9.00	8.02	13.5	3.693	104.7
250	6/24/2013 2:15:40	13.23	51.65	33.91	8.93	8.03	15.6	3.565	105.2
251	6/24/2013 2:30:40	13.49	51.50	33.82	9.03	8.05	21.7	3.430	106.9
252	6/24/2013 2:45:40	14.00	51.56	33.88	8.97	8.06	25.4	3.285	107.3
253	6/24/2013 3:00:40	14.53	51.54	33.87	8.86	8.08	25.1	3.147	107.2
254	6/24/2013 3:15:40	14.72	51.54	33.89	8.76	8.08	25.8	2.989	106.4
255	6/24/2013 3:30:40	15.17	51.47	33.85	8.64	8.09	28.1	2.839	105.8
256	6/24/2013 3:45:40	15.62	51.55	33.91	8.53	8.10	34.4	2.671	105.5
257	6/24/2013 4:00:40	15.45	51.54	33.90	8.40	8.09	38.5	2.512	103.5
258	6/24/2013 4:15:40	15.14	51.64	33.97	8.43	8.08	32.4	2.363	103.3
259	6/24/2013 4:30:40	15.76	51.51	33.89	8.32	8.10	29.1	2.176	103.1
260	6/24/2013 4:45:40	15.96	51.59	33.95	8.25	8.11	26.6	2.002	102.7
261	6/24/2013 5:00:40	16.41	51.64	33.99	8.13	8.12	31.1	1.849	102.1
262	6/24/2013 5:15:40	16.91	51.64	34.00	7.99	8.13	35.5	1.661	101.3
263	6/24/2013 5:30:40	17.29	51.64	34.00	7.89	8.14	36.0	1.477	100.8
264	6/24/2013 5:45:40	17.66	51.65	34.02	7.79	8.15	31.6	1.302	100.2

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	6/24/2013 6:00:40	17.88	51.63	34.01	7.65	8.15	32.7	1.135	98.8
266	6/24/2013 6:15:40	18.11	51.63	34.00	7.48	8.15	30.3	0.968	97.1
267	6/24/2013 6:30:40	18.27	51.58	33.97	7.36	8.15	38.5	0.838	95.7
268	6/24/2013 6:45:40	18.52	51.70	34.06	7.12	8.15	27.2	0.728	93.1
269	6/24/2013 7:00:40	18.18	51.60	33.98	6.88	8.12	23.4	0.661	89.4
270	6/24/2013 7:15:40	18.26	51.66	34.03	7.05	8.14	21.9	0.670	91.7
271	6/24/2013 7:30:40	18.54	51.74	34.09	7.07	8.15	19.4	0.723	92.5
272	6/24/2013 7:45:40	18.45	51.71	34.07	7.14	8.15	19.2	0.831	93.3
273	6/24/2013 8:00:40	18.62	51.75	34.10	7.02	8.16	19.4	0.952	92.0
274	6/24/2013 8:15:40	18.68	51.75	34.10	7.10	8.17	17.7	1.056	93.2
275	6/24/2013 8:30:40	18.64	51.75	34.09	7.19	8.16	18.4	1.153	94.2
276	6/24/2013 8:45:40	18.64	51.47	33.89	6.94	8.13	23.4	1.232	90.9
277	6/24/2013 9:00:40	18.66	51.41	33.85	6.80	8.12	26.0	1.316	89.0
278	6/24/2013 9:15:40	18.58	51.50	33.91	6.86	8.13	24.4	1.420	89.7
279	6/24/2013 9:30:40	18.38	51.52	33.92	6.97	8.13	26.3	1.519	90.8
280	6/24/2013 9:45:40	18.20	51.57	33.96	7.12	8.13	24.6	1.619	92.5
281	6/24/2013 10:00:40	18.06	51.51	33.92	7.15	8.13	25.2	1.750	92.7
282	6/24/2013 10:15:40	17.85	51.60	33.98	7.24	8.12	23.9	1.868	93.4
283	6/24/2013 10:30:40	17.67	51.58	33.97	7.43	8.12	21.7	1.981	95.6
284	6/24/2013 10:45:40	17.57	51.62	33.99	7.56	8.12	23.0	2.131	97.1
285	6/24/2013 11:00:40	17.56	51.62	33.99	7.64	8.12	25.0	2.254	98.0
286	6/24/2013 11:15:40	17.30	51.61	33.99	7.75	8.12	25.6	2.369	99.0
287	6/24/2013 11:30:40	17.04	51.59	33.97	7.82	8.11	27.1	2.482	99.4
288	6/24/2013 11:45:40	16.78	51.51	33.91	7.86	8.10	28.5	2.591	99.4
289	6/24/2013 12:00:40	16.32	51.53	33.91	8.10	8.09	31.3	2.689	101.5
290	6/24/2013 12:15:40	15.80	51.49	33.87	8.33	8.09	29.6	2.792	103.3
291	6/24/2013 12:30:40	14.78	51.44	33.81	8.61	8.06	32.9	2.891	104.6
292	6/24/2013 12:45:40	14.38	51.42	33.79	8.81	8.06	30.7	2.983	106.2
293	6/24/2013 13:00:40	14.07	51.40	33.76	8.98	8.06	28.7	3.073	107.6
294	6/24/2013 13:15:40	13.86	51.42	33.77	9.13	8.06	28.7	3.156	108.8
295	6/24/2013 13:30:40	13.53	51.41	33.75	9.47	8.06	24.8	3.235	112.2
296	6/24/2013 13:45:40	13.19	51.39	33.72	9.72	8.07	19.5	3.299	114.2
297	6/24/2013 14:00:40	13.35	51.42	33.75	9.88	8.09	15.8	3.354	116.5
298	6/24/2013 14:15:40	12.95	51.33	33.67	10.11	8.08	11.4	3.401	118.2
299	6/24/2013 14:30:40	13.70	51.47	33.80	9.64	8.08	11.4	3.402	114.6
300	6/24/2013 14:45:40	13.10	51.39	33.72	9.88	8.07	12.8	3.397	115.9
301	6/24/2013 15:00:40	14.10	51.32	33.71	9.80	8.10	17.2	3.361	117.4
302	6/24/2013 15:15:40	13.68	51.52	33.83	9.70	8.08	15.4	3.300	115.3
303	6/24/2013 15:30:40	14.77	51.44	33.81	9.96	8.14	21.6	3.209	121.0
304	6/24/2013 15:45:40	13.86	51.27	33.66	10.36	8.13	21.4	3.115	123.4
305	6/24/2013 16:00:40	15.12	51.48	33.85	9.75	8.14	21.8	3.023	119.2
306	6/24/2013 16:15:40	15.48	51.42	33.82	9.38	8.13	24.0	2.907	115.5
307	6/24/2013 16:30:40	15.49	51.45	33.83	9.28	8.13	25.8	2.807	114.4
308	6/24/2013 16:45:40	15.98	51.57	33.93	9.15	8.14	24.7	2.724	113.9
309	6/24/2013 17:00:40	16.36	51.54	33.92	9.06	8.15	25.2	2.618	113.7
310	6/24/2013 17:15:40	17.03	51.59	33.97	8.83	8.16	28.1	2.545	112.2
311	6/24/2013 17:30:40	17.25	51.59	33.97	8.65	8.16	26.0	2.459	110.5
312	6/24/2013 17:45:40	17.63	51.64	34.01	8.56	8.17	27.7	2.376	110.1
313	6/24/2013 18:00:40	17.45	51.58	33.97	8.57	8.17	23.8	2.312	109.8
314	6/24/2013 18:15:40	17.49	51.62	33.99	8.79	8.17	27.3	2.249	112.8
315	6/24/2013 18:30:40	17.62	51.59	33.97	8.75	8.18	22.4	2.184	112.5
316	6/24/2013 18:45:40	17.82	51.60	33.98	8.76	8.19	20.9	2.133	113.0
317	6/24/2013 19:00:40	17.99	51.58	33.97	8.67	8.19	18.6	2.119	112.2

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
318	6/24/2013 19:15:40	18.12	51.57	33.96	8.53	8.19	18.4	2.098	110.7
319	6/24/2013 19:30:40	18.07	51.58	33.97	8.33	8.18	15.6	2.109	108.0
320	6/24/2013 19:45:40	17.91	51.51	33.92	8.45	8.18	18.8	2.127	109.2
321	6/24/2013 20:00:40	17.80	51.55	33.94	8.44	8.17	20.5	2.174	108.8
322	6/24/2013 20:15:40	17.66	51.57	33.96	8.54	8.17	20.7	2.230	109.9
323	6/24/2013 20:30:40	17.53	51.56	33.95	8.49	8.17	20.4	2.303	108.9
324	6/24/2013 20:45:40	17.48	51.56	33.95	8.73	8.17	24.4	2.396	111.8
325	6/24/2013 21:00:40	17.26	51.57	33.95	8.67	8.16	18.6	2.470	110.7
326	6/24/2013 21:15:40	16.96	51.53	33.92	8.75	8.15	20.8	2.565	110.9
327	6/24/2013 21:30:40	16.49	51.49	33.88	8.87	8.14	21.7	2.656	111.5
328	6/24/2013 21:45:40	15.95	51.48	33.87	8.98	8.13	20.9	2.754	111.6
329	6/24/2013 22:00:40	15.60	51.50	33.87	8.97	8.11	19.2	2.843	110.8
330	6/24/2013 22:15:40	15.47	51.50	33.87	8.99	8.11	18.8	2.948	110.8
331	6/24/2013 22:30:40	14.94	51.44	33.82	9.19	8.10	21.3	3.051	112.0
332	6/24/2013 22:45:40	14.36	51.43	33.79	9.51	8.10	19.7	3.147	114.6
333	6/24/2013 23:00:40	14.05	51.39	33.75	9.72	8.10	23.2	3.255	116.3
334	6/24/2013 23:15:40	13.50	51.39	33.73	10.15	8.10	22.5	3.361	120.1
335	6/24/2013 23:30:40	12.83	51.34	33.67	10.64	8.11	18.9	3.472	124.2
336	6/24/2013 23:45:40	12.65	51.34	33.66	10.81	8.11	17.5	3.567	125.6
337	6/25/2013 0:00:40	12.47	51.34	33.66	10.96	8.12	14.9	3.662	126.8
338	6/25/2013 0:15:40	12.31	51.36	33.66	11.21	8.13	12.8	3.750	129.3
339	6/25/2013 0:30:40	12.29	51.35	33.65	11.20	8.13	10.7	3.831	129.2
340	6/25/2013 0:45:40	12.23	51.36	33.66	11.25	8.13	9.8	3.900	129.6
341	6/25/2013 1:00:40	12.42	51.29	33.62	11.03	8.12	6.5	3.945	127.6
342	6/25/2013 1:15:40	12.45	51.36	33.67	10.55	8.11	8.4	3.996	122.1
343	6/25/2013 1:30:40	13.03	51.33	33.67	10.07	8.09	10.0	4.020	118.0
344	6/25/2013 1:45:40	12.80	51.42	33.73	10.46	8.11	9.1	4.010	122.0
345	6/25/2013 2:00:40	13.03	51.35	33.68	10.05	8.09	10.3	3.987	117.8
346	6/25/2013 2:15:40	12.46	51.31	33.63	10.81	8.11	10.6	3.941	125.1
347	6/25/2013 2:30:40	12.37	51.38	33.68	10.81	8.11	11.3	3.860	125.0
348	6/25/2013 2:45:40	12.32	51.31	33.63	10.85	8.11	16.6	3.757	125.2
349	6/25/2013 3:00:40	13.22	51.37	33.71	10.38	8.10	14.1	3.641	122.1
350	6/25/2013 3:15:40	13.32	51.39	33.72	10.14	8.11	17.7	3.514	119.5
351	6/25/2013 3:30:40	13.39	51.40	33.74	10.16	8.11	24.8	3.366	120.0
352	6/25/2013 3:45:40	13.60	51.38	33.73	10.00	8.11	21.7	3.234	118.6
353	6/25/2013 4:00:40	14.07	51.52	33.85	9.62	8.11	22.7	3.067	115.3
354	6/25/2013 4:15:40	14.70	51.32	33.72	9.04	8.10	22.6	2.933	109.6
355	6/25/2013 4:30:40	15.17	51.49	33.86	8.64	8.09	29.2	2.775	105.8
356	6/25/2013 4:45:40	15.53	51.48	33.86	8.45	8.10	33.6	2.611	104.2
357	6/25/2013 5:00:40	15.55	51.51	33.88	8.61	8.10	30.5	2.457	106.2
358	6/25/2013 5:15:40	15.40	51.57	33.93	8.96	8.10	26.4	2.285	110.2
359	6/25/2013 5:30:40	14.64	51.28	33.69	8.91	8.09	31.5	2.116	107.8
360	6/25/2013 5:45:40	15.42	51.63	33.97	8.51	8.10	27.9	1.973	104.9
361	6/25/2013 6:00:40	15.84	51.53	33.91	8.26	8.10	29.7	1.794	102.5
362	6/25/2013 6:15:40	16.27	51.54	33.92	7.97	8.10	32.6	1.624	99.7
363	6/25/2013 6:30:40	16.58	51.61	33.97	7.76	8.10	31.6	1.464	97.8
364	6/25/2013 6:45:40	16.96	51.62	33.98	7.55	8.10	31.1	1.293	95.8
365	6/25/2013 7:00:40	17.27	51.62	33.99	7.35	8.10	32.3	1.133	93.9
366	6/25/2013 7:15:40	17.35	51.62	33.99	7.27	8.10	38.5	0.996	92.9
367	6/25/2013 7:30:40	17.49	51.66	34.02	7.17	8.10	38.4	0.901	92.0
368	6/25/2013 7:45:40	17.58	51.64	34.01	7.09	8.10	30.0	0.797	91.0
369	6/25/2013 8:00:40	17.41	51.65	34.02	6.97	8.08	27.7	0.785	89.3
370	6/25/2013 8:15:40	17.44	51.63	34.00	7.06	8.09	22.7	0.820	90.5

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	6/25/2013 8:30:40	17.63	51.64	34.01	7.09	8.10	18.3	0.886	91.2
372	6/25/2013 8:45:40	17.78	51.67	34.03	7.07	8.11	17.4	1.004	91.1
373	6/25/2013 9:00:40	17.82	51.62	34.00	7.10	8.11	18.8	1.114	91.6
374	6/25/2013 9:15:40	17.79	51.63	34.00	7.19	8.11	19.2	1.221	92.7
375	6/25/2013 9:30:40	17.91	51.39	33.83	6.89	8.08	26.0	1.316	89.0
376	6/25/2013 9:45:40	17.90	51.34	33.79	6.72	8.07	25.2	1.408	86.7
377	6/25/2013 10:00:40	17.75	51.41	33.84	6.81	8.08	24.8	1.511	87.6
378	6/25/2013 10:15:40	17.51	51.52	33.92	7.02	8.09	24.5	1.614	90.0
379	6/25/2013 10:30:40	17.38	51.50	33.90	7.05	8.08	21.9	1.719	90.2
380	6/25/2013 10:45:40	17.28	51.52	33.92	7.05	8.08	24.2	1.844	90.1
381	6/25/2013 11:00:40	16.91	51.46	33.87	7.30	8.08	25.0	1.967	92.5
382	6/25/2013 11:15:40	16.84	51.54	33.92	7.48	8.08	22.7	2.083	94.7
383	6/25/2013 11:30:40	16.80	51.56	33.94	7.61	8.09	21.6	2.217	96.2
384	6/25/2013 11:45:40	16.83	51.53	33.92	7.65	8.09	23.6	2.338	96.9
385	6/25/2013 12:00:40	16.69	51.53	33.92	7.83	8.09	24.1	2.448	98.8
386	6/25/2013 12:15:40	16.37	51.48	33.87	8.03	8.09	26.3	2.562	100.7
387	6/25/2013 12:30:40	16.11	51.48	33.87	8.16	8.09	28.9	2.667	101.8
388	6/25/2013 12:45:40	15.77	51.45	33.84	8.53	8.09	28.0	2.773	105.8
389	6/25/2013 13:00:40	15.21	51.30	33.72	8.98	8.10	29.7	2.882	110.0
390	6/25/2013 13:15:40	14.48	51.32	33.72	9.54	8.11	26.6	2.976	115.1
391	6/25/2013 13:30:40	14.16	51.36	33.73	9.86	8.11	28.3	3.076	118.3
392	6/25/2013 13:45:40	13.99	51.33	33.71	10.03	8.12	25.8	3.179	119.9
393	6/25/2013 14:00:40	13.82	51.35	33.71	10.20	8.13	24.0	3.263	121.5
394	6/25/2013 14:15:40	13.62	51.31	33.68	10.38	8.13	20.6	3.350	123.1
395	6/25/2013 14:30:40	13.22	51.30	33.66	10.72	8.14	17.0	3.427	126.0
396	6/25/2013 14:45:40	13.06	51.28	33.64	10.89	8.15	14.8	3.484	127.6
397	6/25/2013 15:00:40	13.02	51.28	33.64	10.86	8.15	10.9	3.522	127.2
398	6/25/2013 15:15:40	13.84	51.33	33.70	10.55	8.14	11.7	3.539	125.6
399	6/25/2013 15:30:40	13.50	51.29	33.66	10.42	8.13	13.6	3.528	123.2
400	6/25/2013 15:45:40	13.28	51.29	33.66	10.70	8.14	11.5	3.502	125.9
401	6/25/2013 16:00:40	13.65	51.40	33.75	10.65	8.15	18.5	3.428	126.4
402	6/25/2013 16:15:40	13.89	51.37	33.73	10.62	8.15	24.2	3.331	126.7
403	6/25/2013 16:30:40	13.75	51.27	33.65	10.85	8.16	18.8	3.256	129.0
404	6/25/2013 16:45:40	14.31	51.32	33.71	10.54	8.16	22.0	3.164	126.8
405	6/25/2013 17:00:40	15.14	51.41	33.80	10.04	8.16	23.0	3.045	122.9
406	6/25/2013 17:15:40	15.14	51.40	33.79	9.87	8.15	24.6	2.919	120.7
407	6/25/2013 17:30:40	15.59	51.47	33.86	9.60	8.15	21.3	2.828	118.6
408	6/25/2013 17:45:40	16.01	51.47	33.86	9.27	8.14	23.6	2.742	115.4
409	6/25/2013 18:00:40	16.32	51.46	33.86	9.00	8.14	21.6	2.648	112.8
410	6/25/2013 18:15:40	16.52	51.52	33.90	8.96	8.14	23.9	2.540	112.7
411	6/25/2013 18:30:40	16.57	51.51	33.90	9.04	8.15	21.7	2.468	113.9
412	6/25/2013 18:45:40	16.38	51.52	33.91	9.33	8.15	23.1	2.399	117.1
413	6/25/2013 19:00:40	16.63	51.54	33.92	9.18	8.15	18.7	2.313	115.7
414	6/25/2013 19:15:40	16.53	51.42	33.83	9.42	8.16	18.1	2.226	118.4
415	6/25/2013 19:30:40	16.64	51.49	33.88	9.33	8.17	16.8	2.173	117.6
416	6/25/2013 19:45:40	16.86	51.52	33.91	9.31	8.17	16.2	2.137	117.9
417	6/25/2013 20:00:40	17.39	51.54	33.93	8.92	8.17	16.4	2.096	114.1
418	6/25/2013 20:15:40	17.51	51.54	33.93	8.81	8.17	16.1	2.069	113.0
419	6/25/2013 20:30:40	17.61	51.51	33.91	8.35	8.15	14.7	2.101	107.3
420	6/25/2013 20:45:40	17.39	51.51	33.91	8.66	8.16	15.9	2.130	110.7
421	6/25/2013 21:00:40	17.27	51.47	33.88	8.68	8.15	16.2	2.160	110.7
422	6/25/2013 21:15:40	17.31	51.52	33.92	8.61	8.15	17.2	2.229	109.9
423	6/25/2013 21:30:40	17.18	51.50	33.90	8.56	8.14	16.2	2.320	109.0

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	6/25/2013 21:45:40	17.33	51.48	33.89	8.58	8.14	20.8	2.406	109.6
425	6/25/2013 22:00:40	17.06	51.47	33.88	8.64	8.14	18.9	2.489	109.8
426	6/25/2013 22:15:40	16.73	51.44	33.85	8.74	8.13	18.1	2.583	110.3
427	6/25/2013 22:30:40	16.27	51.44	33.84	8.91	8.13	20.9	2.670	111.5
428	6/25/2013 22:45:40	15.72	51.38	33.79	9.08	8.12	19.2	2.767	112.3
429	6/25/2013 23:00:40	15.46	51.40	33.80	9.12	8.12	19.1	2.856	112.3
430	6/25/2013 23:15:40	15.19	51.36	33.76	9.29	8.12	20.7	2.939	113.7
431	6/25/2013 23:30:40	14.87	51.39	33.78	9.52	8.12	20.9	3.049	115.8
432	6/25/2013 23:45:40	14.60	51.36	33.75	9.73	8.12	21.9	3.133	117.7
433	6/26/2013 0:00:40	14.31	51.32	33.71	9.98	8.13	22.4	3.236	120.1
434	6/26/2013 0:15:40	13.98	51.34	33.71	10.31	8.14	23.6	3.343	123.2
435	6/26/2013 0:30:40	13.51	51.28	33.66	10.69	8.14	21.6	3.442	126.5
436	6/26/2013 0:45:40	13.19	51.27	33.63	10.92	8.14	17.9	3.545	128.3
437	6/26/2013 1:00:40	13.01	51.26	33.62	11.10	8.15	16.8	3.628	130.0
438	6/26/2013 1:15:40	12.91	51.23	33.59	11.19	8.15	16.8	3.715	130.6
439	6/26/2013 1:30:40	12.83	51.24	33.60	11.29	8.16	13.6	3.786	131.6
440	6/26/2013 1:45:40	12.86	51.24	33.60	11.21	8.15	9.5	3.856	130.8
441	6/26/2013 2:00:40	12.92	51.25	33.61	11.00	8.14	7.2	3.894	128.6
442	6/26/2013 2:15:40	12.95	51.24	33.60	10.85	8.13	7.8	3.924	126.8
443	6/26/2013 2:30:40	13.50	51.31	33.67	10.50	8.13	10.6	3.935	124.2
444	6/26/2013 2:45:40	13.17	51.25	33.62	10.53	8.12	10.3	3.914	123.7
445	6/26/2013 3:00:40	13.37	51.31	33.67	10.58	8.13	13.9	3.877	124.8
446	6/26/2013 3:15:40	13.33	51.26	33.63	10.61	8.13	12.3	3.799	125.0
447	6/26/2013 3:30:40	13.22	51.24	33.62	10.72	8.13	16.0	3.714	126.0
448	6/26/2013 3:45:40	13.41	51.53	33.84	10.55	8.13	16.7	3.600	124.7
449	6/26/2013 4:00:40	13.99	51.26	33.66	10.08	8.13	15.9	3.476	120.4
450	6/26/2013 4:15:40	13.90	51.31	33.69	10.25	8.13	23.3	3.350	122.2
451	6/26/2013 4:30:40	14.02	51.31	33.70	10.13	8.13	22.3	3.227	121.1
452	6/26/2013 4:45:40	14.27	51.28	33.68	9.82	8.12	20.2	3.089	118.0
453	6/26/2013 5:00:40	14.81	51.33	33.73	9.33	8.11	21.9	2.943	113.3
454	6/26/2013 5:15:40	15.29	51.31	33.73	8.81	8.10	24.8	2.811	108.1
455	6/26/2013 5:30:40	15.71	51.42	33.82	8.42	8.09	25.5	2.667	104.2
456	6/26/2013 5:45:40	15.70	51.37	33.78	8.41	8.09	24.4	2.520	104.0
457	6/26/2013 6:00:40	14.56	51.24	33.66	9.07	8.10	33.6	2.361	109.6
458	6/26/2013 6:15:40	15.33	51.31	33.73	8.77	8.10	23.1	2.206	107.7
459	6/26/2013 6:30:40	15.46	51.40	33.80	8.74	8.10	24.9	2.044	107.7
460	6/26/2013 6:45:40	15.66	51.32	33.75	8.50	8.09	25.2	1.884	105.0
461	6/26/2013 7:00:40	16.04	51.40	33.81	8.23	8.09	27.8	1.707	102.5
462	6/26/2013 7:15:40	16.11	51.43	33.83	8.12	8.08	28.6	1.569	101.3
463	6/26/2013 7:30:40	16.48	51.37	33.79	7.87	8.08	26.0	1.407	98.9
464	6/26/2013 7:45:40	16.57	51.42	33.84	7.79	8.08	26.6	1.252	98.1
465	6/26/2013 8:00:40	16.77	51.40	33.82	7.62	8.07	26.9	1.132	96.2
466	6/26/2013 8:15:40	16.97	51.41	33.84	7.47	8.07	27.2	1.041	94.7
467	6/26/2013 8:30:40	17.29	51.45	33.87	7.26	8.07	24.1	0.976	92.7
468	6/26/2013 8:45:40	17.20	51.43	33.85	7.25	8.06	23.8	0.936	92.3
469	6/26/2013 9:00:40	17.12	51.37	33.81	7.09	8.06	20.5	0.958	90.2
470	6/26/2013 9:15:40	17.39	51.45	33.87	7.19	8.07	15.2	1.034	92.0
471	6/26/2013 9:30:40	17.39	51.48	33.89	7.26	8.07	16.4	1.121	92.9
472	6/26/2013 9:45:40	17.59	51.48	33.89	7.34	8.08	16.9	1.225	94.3
473	6/26/2013 10:00:40	17.69	51.41	33.84	7.46	8.09	19.7	1.343	95.9
474	6/26/2013 10:15:40	18.01	51.27	33.74	6.91	8.05	24.4	1.435	89.3
475	6/26/2013 10:30:40	17.89	51.23	33.71	6.82	8.04	22.0	1.514	88.0
476	6/26/2013 10:45:40	17.67	51.23	33.71	6.93	8.05	21.6	1.624	89.1

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	6/26/2013 11:00:40	17.42	51.33	33.78	7.01	8.05	20.3	1.727	89.7
478	6/26/2013 11:15:40	17.21	51.37	33.81	7.12	8.05	21.3	1.836	90.8
479	6/26/2013 11:30:40	17.13	51.37	33.81	7.20	8.06	20.1	1.938	91.6
480	6/26/2013 11:45:40	16.85	51.36	33.80	7.41	8.06	22.5	2.060	93.8
481	6/26/2013 12:00:40	16.64	51.37	33.80	7.66	8.06	20.5	2.193	96.4
482	6/26/2013 12:15:40	16.65	51.40	33.82	7.83	8.07	21.2	2.313	98.6
483	6/26/2013 12:30:40	16.58	51.42	33.83	7.89	8.07	22.8	2.424	99.3
484	6/26/2013 12:45:40	16.35	51.41	33.82	8.06	8.08	22.5	2.521	101.0
485	6/26/2013 13:00:40	16.14	51.33	33.76	8.19	8.08	24.1	2.646	102.2
486	6/26/2013 13:15:40	16.02	51.37	33.79	8.30	8.08	25.3	2.741	103.3
487	6/26/2013 13:30:40	15.71	51.31	33.74	8.72	8.09	28.9	2.838	107.8
488	6/26/2013 13:45:40	15.21	51.27	33.70	9.24	8.10	27.0	2.949	113.1
489	6/26/2013 14:00:40	14.85	51.26	33.68	9.59	8.11	30.5	3.039	116.6
490	6/26/2013 14:15:40	14.58	51.19	33.62	9.88	8.12	30.5	3.143	119.4
491	6/26/2013 14:30:40	14.43	51.17	33.61	10.00	8.12	31.1	3.236	120.5
492	6/26/2013 14:45:40	14.35	51.17	33.60	10.06	8.12	25.7	3.325	121.0
493	6/26/2013 15:00:40	14.26	51.11	33.55	10.09	8.12	24.7	3.414	121.1
494	6/26/2013 15:15:40	14.16	51.06	33.51	10.13	8.12	17.1	3.490	121.3
495	6/26/2013 15:30:40	14.13	51.02	33.48	10.18	8.12	11.7	3.555	121.8
496	6/26/2013 15:45:40	14.08	50.99	33.46	10.04	8.11	7.9	3.587	120.0
497	6/26/2013 16:00:40	15.22	51.25	33.68	9.91	8.13	10.9	3.613	121.4
498	6/26/2013 16:15:40	14.77	51.18	33.62	9.68	8.11	13.3	3.609	117.4
499	6/26/2013 16:30:40	14.57	51.10	33.56	10.05	8.12	13.9	3.571	121.4
500	6/26/2013 16:45:40	14.86	51.20	33.64	10.20	8.13	19.4	3.507	124.0
501	6/26/2013 17:00:40	14.84	51.11	33.57	10.49	8.15	22.6	3.422	127.4
502	6/26/2013 17:15:40	14.76	51.09	33.55	10.44	8.14	23.2	3.335	126.6
503	6/26/2013 17:30:40	15.50	51.24	33.68	10.37	8.16	22.6	3.229	127.6
504	6/26/2013 17:45:40	15.50	51.19	33.64	10.49	8.17	23.7	3.110	129.2
505	6/26/2013 18:00:40	15.60	51.23	33.68	10.35	8.17	21.9	3.010	127.6
506	6/26/2013 18:15:40	15.76	51.18	33.65	10.19	8.16	21.7	2.920	126.1
507	6/26/2013 18:30:40	16.34	51.28	33.73	10.02	8.17	23.4	2.819	125.4
508	6/26/2013 18:45:40	16.47	51.30	33.74	9.82	8.17	22.3	2.727	123.3
509	6/26/2013 19:00:40	16.84	51.28	33.73	9.67	8.16	22.1	2.627	122.2
510	6/26/2013 19:15:40	17.15	51.37	33.81	9.55	8.16	21.4	2.554	121.5
511	6/26/2013 19:30:40	17.31	51.36	33.80	9.52	8.17	22.3	2.471	121.5
512	6/26/2013 19:45:40	17.39	51.32	33.77	9.46	8.17	22.3	2.379	121.0
513	6/26/2013 20:00:40	17.17	51.26	33.72	9.69	8.17	22.0	2.307	123.3
514	6/26/2013 20:15:40	17.62	51.33	33.78	9.62	8.18	19.8	2.234	123.5
515	6/26/2013 20:30:40	17.38	51.28	33.74	9.71	8.18	18.6	2.185	124.1
516	6/26/2013 20:45:40	17.72	51.42	33.85	9.52	8.18	18.5	2.127	122.5
517	6/26/2013 21:00:40	17.82	51.34	33.79	9.46	8.18	16.6	2.103	121.9
518	6/26/2013 21:15:40	17.83	51.34	33.79	9.34	8.17	16.1	2.077	120.3
519	6/26/2013 21:30:40	17.82	51.29	33.75	9.03	8.16	15.0	2.108	116.4
520	6/26/2013 21:45:40	17.83	51.30	33.76	9.31	8.17	14.2	2.136	120.0
521	6/26/2013 22:00:40	17.78	51.33	33.78	9.17	8.16	14.7	2.157	118.0
522	6/26/2013 22:15:40	17.80	51.33	33.78	9.23	8.16	17.8	2.231	118.9
523	6/26/2013 22:30:40	17.75	51.34	33.79	9.20	8.16	18.4	2.319	118.4
524	6/26/2013 22:45:40	18.12	51.28	33.75	9.10	8.15	19.7	2.393	117.9
525	6/26/2013 23:00:40	17.86	51.27	33.74	9.09	8.15	18.8	2.481	117.2
526	6/26/2013 23:15:40	17.50	51.29	33.75	9.16	8.15	19.1	2.563	117.3
527	6/26/2013 23:30:40	17.19	51.28	33.74	9.24	8.14	18.7	2.651	117.7
528	6/26/2013 23:45:40	16.52	51.25	33.71	9.36	8.13	17.7	2.734	117.6
529	6/27/2013 0:00:40	16.29	51.22	33.69	9.34	8.13	17.3	2.808	116.8

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
530	6/27/2013 0:15:40	16.14	51.25	33.70	9.41	8.13	18.1	2.895	117.3
531	6/27/2013 0:30:40	15.99	51.22	33.68	9.45	8.13	17.0	2.988	117.5
532	6/27/2013 0:45:40	15.75	51.18	33.64	9.54	8.12	19.4	3.064	118.1
533	6/27/2013 1:00:40	15.59	51.18	33.64	9.58	8.12	18.4	3.150	118.1
534	6/27/2013 1:15:40	15.40	51.14	33.61	9.63	8.12	20.2	3.238	118.3
535	6/27/2013 1:30:40	15.22	51.10	33.57	9.75	8.12	17.5	3.331	119.3
536	6/27/2013 1:45:40	14.83	51.04	33.52	9.83	8.11	18.5	3.413	119.3
537	6/27/2013 2:00:40	14.58	50.98	33.47	9.81	8.10	13.5	3.489	118.5
538	6/27/2013 2:15:40	14.43	50.90	33.40	9.78	8.10	14.3	3.559	117.6
539	6/27/2013 2:30:40	14.33	50.91	33.41	9.75	8.09	13.3	3.633	117.1
540	6/27/2013 2:45:40	14.29	50.91	33.41	9.68	8.09	10.2	3.676	116.1
541	6/27/2013 3:00:40	14.22	50.93	33.42	9.46	8.07	9.2	3.708	113.3
542	6/27/2013 3:15:40	14.80	50.94	33.44	9.00	8.08	6.7	3.745	109.2
543	6/27/2013 3:30:40	14.69	51.00	33.49	9.13	8.07	8.3	3.735	110.5
544	6/27/2013 3:45:40	15.38	51.12	33.59	8.97	8.09	12.6	3.709	110.2
545	6/27/2013 4:00:40	15.07	51.10	33.57	9.43	8.10	17.8	3.658	115.1
546	6/27/2013 4:15:40	15.33	51.13	33.59	9.17	8.10	17.5	3.599	112.5
547	6/27/2013 4:30:40	14.61	50.97	33.46	9.54	8.09	17.8	3.505	115.2
548	6/27/2013 4:45:40	14.93	51.03	33.52	9.47	8.09	20.6	3.402	115.2
549	6/27/2013 5:00:40	15.35	51.11	33.58	9.18	8.10	18.6	3.289	112.6
550	6/27/2013 5:15:40	14.96	51.04	33.53	9.49	8.10	16.8	3.167	115.5
551	6/27/2013 5:30:40	14.96	51.01	33.50	9.45	8.10	21.3	3.050	115.0
552	6/27/2013 5:45:40	15.38	51.08	33.56	9.22	8.10	23.9	2.937	113.2
553	6/27/2013 6:00:40	16.12	51.23	33.69	8.79	8.10	25.3	2.809	109.5
554	6/27/2013 6:15:40	16.52	51.29	33.73	8.42	8.09	26.0	2.677	105.8
555	6/27/2013 6:30:40	16.63	51.25	33.71	8.25	8.09	25.5	2.553	103.9
556	6/27/2013 6:45:40	16.37	51.34	33.77	8.17	8.07	31.5	2.410	102.3
557	6/27/2013 7:00:40	16.49	51.28	33.73	8.40	8.09	23.3	2.271	105.4
558	6/27/2013 7:15:40	15.92	51.19	33.65	8.54	8.08	25.8	2.112	106.1
559	6/27/2013 7:30:40	16.39	51.33	33.76	8.54	8.09	25.7	1.973	107.1
560	6/27/2013 7:45:40	16.57	51.29	33.74	8.48	8.09	27.5	1.827	106.6
561	6/27/2013 8:00:40	16.78	51.31	33.75	8.40	8.09	26.9	1.676	106.0
562	6/27/2013 8:15:40	17.08	51.31	33.76	8.28	8.09	26.3	1.540	105.2
563	6/27/2013 8:30:40	17.22	51.33	33.77	8.19	8.09	25.4	1.421	104.3
564	6/27/2013 8:45:40	17.39	51.35	33.79	8.08	8.09	25.2	1.318	103.3
565	6/27/2013 9:00:40	17.46	51.35	33.80	8.03	8.09	21.7	1.235	102.8
566	6/27/2013 9:15:40	17.53	51.35	33.79	8.01	8.09	20.6	1.172	102.7
567	6/27/2013 9:30:40	17.80	51.38	33.82	7.93	8.09	21.7	1.144	102.2
568	6/27/2013 9:45:40	17.54	51.38	33.81	7.83	8.09	18.4	1.179	100.4
569	6/27/2013 10:00:40	17.84	51.33	33.78	7.90	8.09	15.1	1.218	101.9
570	6/27/2013 10:15:40	17.89	51.43	33.86	7.97	8.10	15.5	1.298	102.9
571	6/27/2013 10:30:40	18.06	51.38	33.82	7.93	8.10	15.6	1.384	102.7
572	6/27/2013 10:45:40	18.01	51.36	33.80	7.87	8.09	15.8	1.488	101.9
573	6/27/2013 11:00:40	18.61	51.21	33.70	7.57	8.08	18.2	1.569	99.0
574	6/27/2013 11:15:40	18.17	51.24	33.72	7.39	8.06	18.2	1.655	95.8
575	6/27/2013 11:30:40	18.06	51.24	33.71	7.37	8.06	18.6	1.757	95.4
576	6/27/2013 11:45:40	17.92	51.23	33.71	7.51	8.06	19.8	1.853	96.9
577	6/27/2013 12:00:40	17.68	51.25	33.72	7.70	8.07	17.8	1.950	99.0
578	6/27/2013 12:15:40	17.57	51.19	33.68	7.69	8.07	18.7	2.059	98.6
579	6/27/2013 12:30:40	17.37	51.26	33.73	7.79	8.07	19.5	2.169	99.5
580	6/27/2013 12:45:40	17.15	51.27	33.73	8.05	8.08	19.1	2.281	102.4
581	6/27/2013 13:00:40	17.11	51.29	33.74	8.14	8.08	20.5	2.386	103.4
582	6/27/2013 13:15:40	17.15	51.26	33.72	8.29	8.09	20.6	2.492	105.4

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
583	6/27/2013 13:30:40	17.14	51.30	33.75	8.43	8.09	21.6	2.602	107.3
584	6/27/2013 13:45:40	17.10	51.25	33.72	8.69	8.10	23.1	2.700	110.4
585	6/27/2013 14:00:40	16.97	51.20	33.68	8.83	8.10	24.6	2.805	111.9
586	6/27/2013 14:15:40	16.67	51.09	33.59	9.17	8.11	26.1	2.905	115.5
587	6/27/2013 14:30:40	16.31	51.02	33.54	9.40	8.11	30.3	3.001	117.4
588	6/27/2013 14:45:40	15.76	50.90	33.43	9.67	8.10	27.8	3.098	119.5
589	6/27/2013 15:00:40	15.55	50.83	33.39	9.84	8.11	24.1	3.192	121.0
590	6/27/2013 15:15:40	15.43	50.80	33.36	9.89	8.11	24.7	3.284	121.3
591	6/27/2013 15:30:40	15.38	50.79	33.35	9.88	8.11	24.2	3.369	121.1
592	6/27/2013 15:45:40	15.33	50.67	33.26	9.83	8.10	20.9	3.455	120.3
593	6/27/2013 16:00:40	15.34	50.78	33.34	9.84	8.11	15.1	3.527	120.5
594	6/27/2013 16:15:40	15.31	50.72	33.29	9.81	8.10	10.7	3.583	120.0
595	6/27/2013 16:30:40	15.35	50.71	33.29	9.71	8.10	9.8	3.632	118.9
596	6/27/2013 16:45:40	16.19	50.89	33.44	9.69	8.11	11.2	3.643	120.8
597	6/27/2013 17:00:40	15.70	50.80	33.37	9.54	8.09	9.7	3.644	117.7
598	6/27/2013 17:15:40	15.92	50.80	33.36	9.65	8.11	11.8	3.618	119.5
599	6/27/2013 17:30:40	15.90	50.83	33.39	9.87	8.11	14.9	3.547	122.3
600	6/27/2013 17:45:40	15.77	50.81	33.37	10.08	8.12	19.2	3.464	124.6
601	6/27/2013 18:00:40	15.59	50.70	33.29	10.18	8.12	19.2	3.379	125.2
602	6/27/2013 18:15:40	17.10	50.94	33.49	10.12	8.15	18.8	3.272	128.5
603	6/27/2013 18:30:40	17.10	51.00	33.53	10.28	8.16	21.2	3.163	130.4
604	6/27/2013 18:45:40	16.79	51.02	33.54	10.22	8.16	20.6	3.065	129.0
605	6/27/2013 19:00:40	16.93	51.04	33.56	10.17	8.16	21.9	2.961	128.7
606	6/27/2013 19:15:40	17.37	51.03	33.56	10.07	8.16	23.1	2.862	128.5
607	6/27/2013 19:30:40	17.75	51.14	33.64	9.87	8.16	21.1	2.781	126.9
608	6/27/2013 19:45:40	17.97	51.19	33.68	9.78	8.16	21.7	2.670	126.3
609	6/27/2013 20:00:40	17.97	51.07	33.59	9.77	8.16	23.6	2.579	126.1
610	6/27/2013 20:15:40	17.67	51.04	33.57	9.86	8.16	21.0	2.506	126.6
611	6/27/2013 20:30:40	17.91	51.19	33.68	9.86	8.16	18.4	2.408	127.2
612	6/27/2013 20:45:40	17.44	51.23	33.70	9.90	8.16	18.8	2.336	126.6
613	6/27/2013 21:00:40	17.61	50.95	33.50	9.92	8.17	17.3	2.252	127.2
614	6/27/2013 21:15:40	18.24	51.08	33.60	9.92	8.18	16.2	2.187	128.7
615	6/27/2013 21:30:40	18.46	51.19	33.68	9.80	8.18	15.5	2.141	127.7
616	6/27/2013 21:45:40	18.81	51.14	33.65	9.74	8.18	15.4	2.073	127.7
617	6/27/2013 22:00:40	19.02	51.18	33.67	9.66	8.19	15.5	2.060	127.2
618	6/27/2013 22:15:40	19.16	51.16	33.66	9.51	8.18	15.3	2.061	125.6
619	6/27/2013 22:30:40	19.17	51.18	33.67	8.75	8.18	12.3	2.065	115.6
620	6/27/2013 22:45:40	18.97	51.17	33.67	9.30	8.16	12.6	2.085	122.4
621	6/27/2013 23:00:40	18.92	51.18	33.68	9.31	8.17	14.2	2.127	122.5
622	6/27/2013 23:15:40	19.09	51.22	33.70	9.52	8.18	14.5	2.190	125.6
623	6/27/2013 23:30:40	18.98	51.21	33.70	9.43	8.17	15.9	2.268	124.1
624	6/27/2013 23:45:40	19.63	51.17	33.67	9.19	8.16	17.5	2.343	122.4
625	6/28/2013 0:00:40	19.58	51.17	33.67	9.09	8.15	14.7	2.410	121.0
626	6/28/2013 0:15:40	18.98	51.16	33.66	9.26	8.15	14.2	2.494	121.9
627	6/28/2013 0:30:40	18.69	51.15	33.66	9.32	8.15	15.9	2.574	122.0
628	6/28/2013 0:45:40	18.36	51.09	33.61	9.34	8.14	15.4	2.633	121.5
629	6/28/2013 1:00:40	17.69	51.07	33.59	9.32	8.13	13.7	2.707	119.7
630	6/28/2013 1:15:40	17.44	51.06	33.58	9.27	8.12	13.1	2.793	118.5
631	6/28/2013 1:30:40	17.37	51.07	33.59	9.25	8.12	14.0	2.851	118.0
632	6/28/2013 1:45:40	17.19	51.05	33.57	9.28	8.12	15.5	2.923	118.0
633	6/28/2013 2:00:40	16.96	50.98	33.51	9.28	8.11	14.4	2.995	117.5
634	6/28/2013 2:15:40	16.72	50.93	33.48	9.37	8.11	14.9	3.074	118.0
635	6/28/2013 2:30:40	16.58	50.89	33.44	9.38	8.11	15.9	3.146	117.8

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	6/28/2013 2:45:40	16.43	50.88	33.43	9.37	8.10	13.7	3.211	117.4
637	6/28/2013 3:00:40	16.17	50.78	33.36	9.42	8.10	13.3	3.286	117.3
638	6/28/2013 3:15:40	15.84	50.67	33.27	9.40	8.08	12.6	3.351	116.2
639	6/28/2013 3:30:40	15.50	50.61	33.22	9.35	8.07	11.9	3.408	114.8
640	6/28/2013 3:45:40	15.21	50.59	33.20	9.31	8.06	10.9	3.448	113.7
641	6/28/2013 4:00:40	15.09	50.56	33.18	9.11	8.05	10.4	3.486	110.9
642	6/28/2013 4:15:40	16.55	51.12	33.61	8.60	8.08	11.1	3.505	108.1
643	6/28/2013 4:30:40	15.62	50.81	33.37	8.75	8.04	10.9	3.499	107.8
644	6/28/2013 4:45:40	16.25	50.76	33.35	8.66	8.06	12.7	3.468	107.9
645	6/28/2013 5:00:40	16.02	50.75	33.33	8.93	8.07	13.2	3.420	110.9
646	6/28/2013 5:15:40	15.93	50.79	33.36	8.92	8.06	14.3	3.356	110.5
647	6/28/2013 5:30:40	16.19	50.83	33.39	9.10	8.08	19.9	3.270	113.3
648	6/28/2013 5:45:40	16.54	50.91	33.46	8.99	8.09	22.2	3.165	112.8
649	6/28/2013 6:00:40	16.57	50.79	33.37	8.96	8.08	18.3	3.065	112.4
650	6/28/2013 6:15:40	16.60	50.94	33.48	8.95	8.08	18.8	2.961	112.5
651	6/28/2013 6:30:40	17.01	51.01	33.54	8.81	8.08	21.6	2.850	111.7
652	6/28/2013 6:45:40	17.24	51.00	33.53	8.68	8.09	20.2	2.744	110.5
653	6/28/2013 7:00:40	17.80	51.14	33.64	8.29	8.09	18.4	2.637	106.8
654	6/28/2013 7:15:40	17.95	51.17	33.66	8.12	8.08	20.9	2.534	104.9
655	6/28/2013 7:30:40	18.00	51.16	33.66	8.11	8.08	21.1	2.412	104.8
656	6/28/2013 7:45:40	17.76	51.26	33.73	8.22	8.08	22.8	2.290	105.8
657	6/28/2013 8:00:40	17.69	51.11	33.62	8.26	8.08	19.8	2.187	106.1
658	6/28/2013 8:15:40	17.93	51.16	33.66	8.35	8.09	19.7	2.046	107.8
659	6/28/2013 8:30:40	18.13	51.15	33.65	8.39	8.09	19.8	1.920	108.7
660	6/28/2013 8:45:40	18.28	51.18	33.67	8.44	8.10	19.8	1.816	109.6
661	6/28/2013 9:00:40	18.37	51.17	33.67	8.47	8.10	18.4	1.699	110.2
662	6/28/2013 9:15:40	18.49	51.20	33.69	8.46	8.11	18.4	1.602	110.4
663	6/28/2013 9:30:40	18.69	51.21	33.70	8.39	8.11	15.8	1.534	109.8
664	6/28/2013 9:45:40	18.75	51.17	33.67	8.28	8.11	16.1	1.465	108.5
665	6/28/2013 10:00:40	18.97	51.24	33.72	8.36	8.11	16.1	1.426	110.0
666	6/28/2013 10:15:40	19.12	51.25	33.73	8.26	8.11	24.5	1.403	109.1
667	6/28/2013 10:30:40	19.15	51.26	33.73	7.98	8.09	12.9	1.409	105.4
668	6/28/2013 10:45:40	19.20	51.24	33.72	8.27	8.11	13.6	1.460	109.4
669	6/28/2013 11:00:40	19.26	51.19	33.68	8.21	8.11	12.9	1.494	108.7
670	6/28/2013 11:15:40	19.37	51.22	33.71	8.16	8.11	14.2	1.545	108.2
671	6/28/2013 11:30:40	19.40	51.26	33.74	8.05	8.11	14.5	1.642	106.9
672	6/28/2013 11:45:40	19.49	51.22	33.70	8.16	8.11	14.6	1.719	108.5
673	6/28/2013 12:00:40	19.59	51.21	33.70	7.78	8.09	14.2	1.802	103.6
674	6/28/2013 12:15:40	19.35	51.15	33.66	7.75	8.08	16.4	1.890	102.7
675	6/28/2013 12:30:40	19.18	51.15	33.65	7.81	8.08	16.7	1.975	103.2
676	6/28/2013 12:45:40	18.98	51.18	33.67	7.85	8.08	15.3	2.077	103.4
677	6/28/2013 13:00:40	18.86	51.18	33.67	7.89	8.08	17.2	2.180	103.6
678	6/28/2013 13:15:40	18.54	51.14	33.65	7.95	8.08	17.7	2.265	103.8
679	6/28/2013 13:30:40	18.40	51.14	33.64	8.09	8.08	17.0	2.364	105.3
680	6/28/2013 13:45:40	18.18	51.13	33.64	8.39	8.09	16.2	2.473	108.8
681	6/28/2013 14:00:40	18.13	51.12	33.63	8.45	8.09	16.2	2.561	109.4
682	6/28/2013 14:15:40	18.15	51.11	33.62	8.55	8.09	18.6	2.662	110.8
683	6/28/2013 14:30:40	18.08	51.09	33.61	8.79	8.10	18.8	2.759	113.7
684	6/28/2013 14:45:40	17.91	50.94	33.49	8.99	8.11	20.9	2.846	115.8
685	6/28/2013 15:00:40	17.61	50.88	33.45	9.16	8.11	22.6	2.942	117.3
686	6/28/2013 15:15:40	17.26	50.80	33.38	9.40	8.10	25.3	3.035	119.6
687	6/28/2013 15:30:40	16.83	50.72	33.32	9.47	8.10	25.2	3.122	119.4
688	6/28/2013 15:45:40	16.49	50.67	33.28	9.56	8.09	23.1	3.209	119.8

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
689	6/28/2013 16:00:40	16.28	50.60	33.22	9.70	8.09	20.9	3.300	121.0
690	6/28/2013 16:15:40	16.04	50.53	33.17	9.89	8.10	19.5	3.386	122.7
691	6/28/2013 16:30:40	15.97	50.55	33.18	9.89	8.10	16.8	3.455	122.6
692	6/28/2013 16:45:40	15.91	50.55	33.18	9.74	8.09	13.0	3.525	120.5
693	6/28/2013 17:00:40	15.74	50.47	33.12	9.68	8.08	11.7	3.576	119.3
694	6/28/2013 17:15:40	15.60	50.45	33.11	9.64	8.08	9.3	3.612	118.5
695	6/28/2013 17:30:40	16.59	50.67	33.28	9.69	8.10	10.1	3.614	121.6
696	6/28/2013 17:45:40	16.14	50.58	33.21	9.42	8.08	11.4	3.609	117.1
697	6/28/2013 18:00:40	16.21	50.77	33.35	9.61	8.08	11.4	3.582	119.7
698	6/28/2013 18:15:40	15.86	50.53	33.17	9.64	8.08	11.4	3.522	119.2
699	6/28/2013 18:30:40	16.40	50.62	33.25	9.97	8.11	19.9	3.446	124.7
700	6/28/2013 18:45:40	16.98	50.70	33.31	9.96	8.12	14.6	3.359	126.0
701	6/28/2013 19:00:40	17.82	50.78	33.37	10.15	8.15	15.9	3.268	130.5
702	6/28/2013 19:15:40	17.74	50.85	33.43	10.28	8.15	15.0	3.181	132.0
703	6/28/2013 19:30:40	17.55	50.75	33.36	10.22	8.15	14.9	3.081	130.8
704	6/28/2013 19:45:40	17.61	50.76	33.36	10.12	8.15	18.4	2.977	129.5
705	6/28/2013 20:00:40	18.03	50.80	33.39	9.98	8.15	18.3	2.900	128.8
706	6/28/2013 20:15:40	18.67	50.99	33.54	9.75	8.16	19.6	2.799	127.5
707	6/28/2013 20:30:40	18.94	51.02	33.56	9.57	8.15	19.4	2.708	125.8
708	6/28/2013 20:45:40	18.34	50.96	33.52	9.56	8.14	23.6	2.610	124.2
709	6/28/2013 21:00:40	18.12	50.83	33.42	9.65	8.14	21.6	2.524	124.8
710	6/28/2013 21:15:40	18.72	51.15	33.65	9.54	8.15	18.0	2.442	125.0
711	6/28/2013 21:30:40	18.13	51.02	33.56	9.54	8.14	20.2	2.345	123.5
712	6/28/2013 21:45:40	18.93	51.18	33.68	9.43	8.15	19.8	2.270	124.0
713	6/28/2013 22:00:40	19.03	51.03	33.57	9.45	8.16	19.0	2.191	124.4
714	6/28/2013 22:15:40	18.89	51.10	33.62	9.31	8.15	17.2	2.131	122.3
715	6/28/2013 22:30:40	19.63	51.06	33.59	9.36	8.17	14.9	2.064	124.6
716	6/28/2013 22:45:40	19.49	51.12	33.63	9.28	8.17	14.1	2.013	123.3
717	6/28/2013 23:00:40	20.09	51.17	33.67	9.34	8.18	12.7	1.997	125.5
718	6/28/2013 23:15:40	20.21	51.16	33.66	9.25	8.18	14.2	1.983	124.5
719	6/28/2013 23:30:40	20.26	51.18	33.67	8.60	8.15	10.3	1.977	116.0
720	6/28/2013 23:45:40	20.18	51.18	33.68	9.07	8.17	11.4	2.001	122.1
721	6/29/2013 0:00:40	20.16	51.15	33.66	9.13	8.17	12.2	2.032	122.8
722	6/29/2013 0:15:40	20.21	51.18	33.67	9.22	8.17	12.2	2.083	124.2
723	6/29/2013 0:30:40	20.12	51.17	33.66	9.20	8.17	14.1	2.148	123.7
724	6/29/2013 0:45:40	20.27	51.15	33.65	9.08	8.16	14.4	2.215	122.3
725	6/29/2013 1:00:40	20.56	51.13	33.63	8.79	8.15	15.0	2.287	119.1
726	6/29/2013 1:15:40	20.46	51.10	33.61	8.81	8.14	12.6	2.357	119.2
727	6/29/2013 1:30:40	20.06	51.12	33.63	8.95	8.14	13.0	2.427	120.2
728	6/29/2013 1:45:40	19.82	51.09	33.61	8.94	8.14	13.7	2.498	119.4
729	6/29/2013 2:00:40	19.37	51.03	33.57	9.04	8.13	13.9	2.562	119.8
730	6/29/2013 2:15:40	19.08	51.01	33.55	8.99	8.12	13.0	2.622	118.5
731	6/29/2013 2:30:40	18.51	50.95	33.51	8.98	8.11	12.8	2.682	117.1
732	6/29/2013 2:45:40	18.36	50.93	33.49	9.00	8.11	11.5	2.742	116.9
733	6/29/2013 3:00:40	18.16	50.87	33.45	9.04	8.11	12.4	2.807	117.0
734	6/29/2013 3:15:40	17.94	50.88	33.45	9.05	8.10	12.3	2.871	116.6
735	6/29/2013 3:30:40	17.85	50.86	33.43	9.01	8.10	12.6	2.931	116.0
736	6/29/2013 3:45:40	17.57	50.76	33.36	9.11	8.10	11.2	2.994	116.5
737	6/29/2013 4:00:40	17.40	50.76	33.36	9.10	8.09	10.3	3.048	116.0
738	6/29/2013 4:15:40	17.31	50.77	33.37	9.09	8.09	9.8	3.103	115.7
739	6/29/2013 4:30:40	17.24	50.74	33.34	9.06	8.09	10.1	3.155	115.2
740	6/29/2013 4:45:40	17.07	50.62	33.25	8.95	8.08	8.6	3.190	113.4
741	6/29/2013 5:00:40	16.98	50.67	33.29	8.90	8.08	7.8	3.215	112.5

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
742	6/29/2013 5:15:40	17.87	50.82	33.41	8.57	8.09	11.7	3.228	110.3
743	6/29/2013 5:30:40	17.32	50.77	33.37	8.53	8.06	9.3	3.227	108.6
744	6/29/2013 5:45:40	17.92	50.97	33.52	7.97	8.07		3.200	102.7
745	6/29/2013 6:00:40	17.54	50.84	33.42	8.42	8.07	12.2	3.160	107.6
746	6/29/2013 6:15:40	17.49	50.86	33.44	8.51	8.07	14.8	3.109	108.8
747	6/29/2013 6:30:40	17.63	50.89	33.46	8.59	8.08	18.9	3.031	110.1
748	6/29/2013 6:45:40	17.42	50.83	33.41	8.80	8.08	17.4	2.957	112.3
749	6/29/2013 7:00:40	17.94	50.94	33.49	8.58	8.08	18.6	2.862	110.7
750	6/29/2013 7:15:40	18.24	50.98	33.52	8.36	8.08	18.7	2.773	108.4
751	6/29/2013 7:30:40	18.38	51.04	33.57	8.23	8.08	17.7	2.687	107.1
752	6/29/2013 7:45:40	18.41	51.07	33.59	8.25	8.08	18.2	2.596	107.4
753	6/29/2013 8:00:40	18.44	51.02	33.56	8.22	8.08	17.7	2.507	107.1
754	6/29/2013 8:15:40	18.51	50.96	33.51	8.33	8.09	16.7	2.413	108.6
755	6/29/2013 8:30:40	18.61	51.03	33.57	8.58	8.10	16.0	2.309	112.1
756	6/29/2013 8:45:40	18.87	51.13	33.64	8.31	8.09	15.5	2.224	109.1
757	6/29/2013 9:00:40	18.98	51.08	33.60	8.46	8.10	15.4	2.120	111.3
758	6/29/2013 9:15:40	19.30	51.13	33.64	8.27	8.10	16.7	2.029	109.4
759	6/29/2013 9:30:40	19.42	51.08	33.60	8.31	8.10	15.0	1.947	110.2
760	6/29/2013 9:45:40	19.50	51.15	33.65	8.26	8.10	14.5	1.854	109.8
761	6/29/2013 10:00:40	19.58	51.13	33.64	8.17	8.10	13.0	1.794	108.7
762	6/29/2013 10:15:40	19.70	51.15	33.65	8.10	8.10	13.6	1.717	108.0
763	6/29/2013 10:30:40	19.78	51.16	33.66	7.98	8.10	13.7	1.680	106.6
764	6/29/2013 10:45:40	19.82	51.17	33.67	8.11	8.11	14.8	1.637	108.4
765	6/29/2013 11:00:40	19.85	51.14	33.65	8.17	8.11	11.2	1.620	109.3
766	6/29/2013 11:15:40	19.70	51.08	33.60	8.18	8.09	10.2	1.625	109.0
767	6/29/2013 11:30:40	19.87	51.13	33.64	8.25	8.11	13.0	1.646	110.4
768	6/29/2013 11:45:40	19.91	51.13	33.64	8.36	8.11	12.3	1.684	111.9
769	6/29/2013 12:00:40	20.02	51.18	33.67	8.28	8.12	11.4	1.731	111.1
770	6/29/2013 12:15:40	20.07	51.19	33.68	8.23	8.12	11.7	1.794	110.6
771	6/29/2013 12:30:40	19.97	51.17	33.66	8.23	8.12	15.2	1.871	110.4
772	6/29/2013 12:45:40	20.43	51.09	33.61	8.07	8.11	15.9	1.949	109.0
773	6/29/2013 13:00:40	20.15	51.10	33.61	7.98	8.10	14.7	2.025	107.3
774	6/29/2013 13:15:40	19.91	51.12	33.63	7.98	8.10	15.5	2.109	106.9
775	6/29/2013 13:30:40	19.74	51.11	33.63	7.96	8.09	16.5	2.193	106.3
776	6/29/2013 13:45:40	19.65	51.11	33.62	7.91	8.09	15.9	2.277	105.4
777	6/29/2013 14:00:40	19.47	51.10	33.62	7.95	8.09	15.3	2.356	105.6
778	6/29/2013 14:15:40	19.12	50.98	33.53	8.16	8.09	15.9	2.445	107.6
779	6/29/2013 14:30:40	19.01	50.96	33.51	8.44	8.09	15.5	2.530	111.1
780	6/29/2013 14:45:40	18.83	50.99	33.54	8.58	8.10	15.5	2.619	112.5
781	6/29/2013 15:00:40	18.81	50.99	33.54	8.58	8.10	15.6	2.697	112.5
782	6/29/2013 15:15:40	18.77	50.96	33.52	8.69	8.10	18.2	2.791	113.8
783	6/29/2013 15:30:40	18.65	50.89	33.46	8.94	8.11	17.1	2.872	116.8
784	6/29/2013 15:45:40	18.35	50.80	33.39	9.05	8.10	19.6	2.956	117.5
785	6/29/2013 16:00:40	18.05	50.71	33.33	9.35	8.11	18.3	3.044	120.6
786	6/29/2013 16:15:40	17.72	50.59	33.23	9.60	8.11	18.8	3.126	123.0
787	6/29/2013 16:30:40	17.33	50.59	33.23	9.69	8.10	19.8	3.216	123.3
788	6/29/2013 16:45:40	16.84	50.53	33.19	9.90	8.10	16.7	3.293	124.7
789	6/29/2013 17:00:40	16.58	50.46	33.13	10.12	8.11	13.9	3.368	126.8
790	6/29/2013 17:15:40	16.38	50.43	33.10	10.32	8.12	15.1	3.443	128.8
791	6/29/2013 17:30:40	16.27	50.45	33.12	10.38	8.12	12.0	3.502	129.3
792	6/29/2013 17:45:40	16.23	50.44	33.11	10.29	8.12	13.1	3.538	128.1
793	6/29/2013 18:00:40	16.22	50.43	33.10	10.28	8.12	7.6	3.570	128.0
794	6/29/2013 18:15:40	16.37	50.49	33.15	9.83	8.09	7.9	3.600	122.7

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	6/29/2013 18:30:40	16.64	50.46	33.13	9.80	8.09	6.2	3.581	123.0
796	6/29/2013 18:45:40	16.36	50.46	33.13	9.98	8.10	7.5	3.548	124.5
797	6/29/2013 19:00:40	16.48	50.48	33.14	10.08	8.11	10.5	3.504	126.1
798	6/29/2013 19:15:40	16.57	50.51	33.17	10.09	8.11	12.2	3.444	126.5
799	6/29/2013 19:30:40	16.98	50.52	33.17	10.46	8.14	14.8	3.358	132.2
800	6/29/2013 19:45:40	18.07	50.71	33.33	10.07	8.15	15.2	3.270	130.0
801	6/29/2013 20:00:40	18.30	50.76	33.37	10.06	8.15	15.0	3.178	130.5
802	6/29/2013 20:15:40	18.28	50.72	33.34	10.02	8.15	14.9	3.093	129.9
803	6/29/2013 20:30:40	18.35	50.75	33.36	9.93	8.15	13.3	3.003	128.9
804	6/29/2013 20:45:40	18.56	50.77	33.37	9.81	8.15	15.2	2.906	127.9
805	6/29/2013 21:00:40	18.95	50.85	33.43	9.62	8.15	15.9	2.816	126.4
806	6/29/2013 21:15:40	19.35	50.90	33.47	9.38	8.15	16.4	2.733	124.2
807	6/29/2013 21:30:40	19.75	51.00	33.54	9.23	8.15	19.4	2.635	123.2
808	6/29/2013 21:45:40	19.48	50.96	33.52	9.26	8.14	18.9	2.555	122.9
809	6/29/2013 22:00:40	19.03	50.91	33.48	9.36	8.14	18.3	2.464	123.2
810	6/29/2013 22:15:40	19.30	50.79	33.39	9.34	8.15	15.3	2.371	123.5
811	6/29/2013 22:30:40	19.69	50.99	33.53	9.21	8.15	15.0	2.295	122.8
812	6/29/2013 22:45:40	19.40	51.06	33.58	9.27	8.15	15.3	2.203	122.9
813	6/29/2013 23:00:40	19.84	51.06	33.59	9.21	8.16	13.9	2.119	123.1
814	6/29/2013 23:15:40	20.05	51.07	33.59	9.06	8.16	13.4	2.050	121.6
815	6/29/2013 23:30:40	20.62	51.11	33.62	9.12	8.18	12.2	1.987	123.7
816	6/29/2013 23:45:40	20.65	51.11	33.62	9.08	8.18	10.9	1.927	123.2
817	6/30/2013 0:00:40	20.77	51.10	33.61	8.99	8.18	11.8	1.893	122.3
818	6/30/2013 0:15:40	21.00	51.16	33.65	8.97	8.18	10.8	1.873	122.5
819	6/30/2013 0:30:40	21.08	51.16	33.65	8.76	8.18	10.3	1.871	119.9
820	6/30/2013 0:45:40	20.95	51.17	33.66	8.61	8.17	10.5	1.884	117.5
821	6/30/2013 1:00:40	20.94	51.10	33.61	8.68	8.17	11.8	1.898	118.3
822	6/30/2013 1:15:40	20.86	51.14	33.64	8.62	8.16	11.2	1.946	117.4
823	6/30/2013 1:30:40	20.79	51.10	33.61	8.78	8.17	11.2	2.002	119.4
824	6/30/2013 1:45:40	20.76	51.14	33.64	8.73	8.16	11.7	2.056	118.7
825	6/30/2013 2:00:40	21.02	51.16	33.65	8.45	8.14	12.7	2.118	115.5
826	6/30/2013 2:15:40	21.20	51.11	33.62	8.08	8.13	14.4	2.199	110.8
827	6/30/2013 2:30:40	20.91	51.05	33.58	8.30	8.13	13.3	2.252	113.1
828	6/30/2013 2:45:40	20.72	51.10	33.61	8.41	8.14	11.9	2.306	114.3
829	6/30/2013 3:00:40	20.62	51.08	33.60	8.43	8.14	13.1	2.369	114.3
830	6/30/2013 3:15:40	20.43	51.02	33.55	8.49	8.13	13.6	2.433	114.6
831	6/30/2013 3:30:40	20.06	51.02	33.56	8.52	8.12	14.0	2.489	114.3
832	6/30/2013 3:45:40	19.66	50.97	33.52	8.55	8.11	11.5	2.545	113.8
833	6/30/2013 4:00:40	19.33	50.93	33.49	8.55	8.10	12.8	2.601	113.2
834	6/30/2013 4:15:40	19.17	50.90	33.47	8.54	8.10	11.2	2.659	112.7
835	6/30/2013 4:30:40	19.05	50.90	33.47	8.58	8.10	10.8	2.713	113.0
836	6/30/2013 4:45:40	18.90	50.89	33.46	8.62	8.10	10.4	2.758	113.1
837	6/30/2013 5:00:40	18.78	50.87	33.45	8.66	8.10	10.9	2.819	113.4
838	6/30/2013 5:15:40	18.67	50.84	33.42	8.67	8.09	11.0	2.859	113.3
839	6/30/2013 5:30:40	18.39	50.75	33.36	8.74	8.09	10.0	2.900	113.6
840	6/30/2013 5:45:40	18.30	50.76	33.37	8.73	8.09	9.7	2.946	113.3
841	6/30/2013 6:00:40	18.22	50.73	33.34	8.63	8.09	10.2	2.977	111.8
842	6/30/2013 6:15:40	18.14	50.72	33.33	8.35	8.07	7.6	2.997	108.0
843	6/30/2013 6:30:40	18.66	50.87	33.45	8.42	8.08	10.2	3.006	110.0
844	6/30/2013 6:45:40	18.21	50.75	33.36	8.34	8.06	8.1	3.015	108.0
845	6/30/2013 7:00:40	18.19	50.70	33.32	8.36	8.06	8.8	2.988	108.1
846	6/30/2013 7:15:40	18.32	50.75	33.36	8.28	8.06	9.8	2.947	107.4
847	6/30/2013 7:30:40	18.65	50.94	33.50	8.02	8.07	10.9	2.912	104.9

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
848	6/30/2013 7:45:40	19.06	51.07	33.59	7.84	8.07	13.9	2.852	103.3
849	6/30/2013 8:00:40	18.82	50.92	33.49	8.06	8.07	16.7	2.784	105.6
850	6/30/2013 8:15:40	18.83	50.87	33.45	8.21	8.08	15.0	2.713	107.7
851	6/30/2013 8:30:40	18.98	50.92	33.48	8.14	8.08	15.3	2.634	107.0
852	6/30/2013 8:45:40	18.87	50.90	33.47	8.27	8.08	13.8	2.564	108.4
853	6/30/2013 9:00:40	19.02	51.02	33.56	8.30	8.08	14.9	2.472	109.2
854	6/30/2013 9:15:40	18.92	50.85	33.43	8.34	8.09	13.9	2.401	109.5
855	6/30/2013 9:30:40	19.56	50.96	33.52	7.63	8.07	14.4	2.335	101.4
856	6/30/2013 9:45:40	19.57	51.01	33.55	7.91	8.09	13.1	2.251	105.2
857	6/30/2013 10:00:40	19.77	51.10	33.61	7.84	8.09	13.8	2.173	104.7
858	6/30/2013 10:15:40	19.83	50.98	33.53	8.03	8.10	12.8	2.107	107.2
859	6/30/2013 10:30:40	19.95	51.04	33.57	8.13	8.10	12.6	2.035	108.9
860	6/30/2013 10:45:40	20.18	51.07	33.59	8.00	8.10	12.2	1.984	107.6
861	6/30/2013 11:00:40	20.25	51.08	33.60	8.08	8.11	11.9	1.928	108.8
862	6/30/2013 11:15:40	20.43	51.09	33.61	8.00	8.11	11.3	1.889	108.1
863	6/30/2013 11:30:40	20.61	51.07	33.59	7.78	8.10	10.9	1.863	105.5
864	6/30/2013 11:45:40	20.59	51.15	33.65	7.31	8.07	8.9	1.850	99.0
865	6/30/2013 12:00:40	20.52	51.16	33.66	7.10	8.08	9.3	1.833	96.2
866	6/30/2013 12:15:40	20.46	51.05	33.58	7.99	8.11	11.6	1.850	108.0
867	6/30/2013 12:30:40	20.51	51.11	33.62	7.86	8.10	10.2	1.880	106.4
868	6/30/2013 12:45:40	20.52	51.13	33.63	7.84	8.10	11.5	1.911	106.1
869	6/30/2013 13:00:40	20.54	51.09	33.60	7.85	8.10	11.4	1.956	106.3
870	6/30/2013 13:15:40	20.52	51.14	33.64	7.87	8.10	13.4	2.023	106.5
871	6/30/2013 13:30:40	20.55	51.12	33.63	7.77	8.10	14.2	2.085	105.2
872	6/30/2013 13:45:40	20.73	51.13	33.63	7.84	8.10	13.7	2.147	106.6
873	6/30/2013 14:00:40	20.42	51.11	33.62	7.69	8.09	13.3	2.220	104.0
874	6/30/2013 14:15:40	20.25	51.08	33.60	7.66	8.08	13.8	2.288	103.2
875	6/30/2013 14:30:40	20.08	51.06	33.58	7.64	8.08	15.3	2.372	102.5
876	6/30/2013 14:45:40	19.93	51.03	33.57	7.68	8.08	15.1	2.437	102.9
877	6/30/2013 15:00:40	19.76	51.00	33.54	7.89	8.08	15.1	2.510	105.3
878	6/30/2013 15:15:40	19.57	50.96	33.51	8.21	8.09	15.2	2.589	109.2
879	6/30/2013 15:30:40	19.43	50.91	33.48	8.49	8.10	13.0	2.654	112.6
880	6/30/2013 15:45:40	19.26	50.88	33.46	8.51	8.09	14.5	2.740	112.4
881	6/30/2013 16:00:40	19.12	50.86	33.44	8.60	8.09	13.6	2.813	113.3
882	6/30/2013 16:15:40	18.97	50.84	33.42	8.65	8.09	12.8	2.886	113.7
883	6/30/2013 16:30:40	18.95	50.79	33.39	8.85	8.10	13.3	2.972	116.2
884	6/30/2013 16:45:40	18.48	50.72	33.33	8.98	8.09	14.8	3.048	116.9
885	6/30/2013 17:00:40	18.07	50.61	33.26	9.40	8.10	16.1	3.122	121.4
886	6/30/2013 17:15:40	17.86	50.58	33.23	9.64	8.11	16.6	3.199	123.9
887	6/30/2013 17:30:40	17.45	50.60	33.24	9.75	8.10	14.0	3.287	124.3
888	6/30/2013 17:45:40	16.92	50.57	33.22	9.76	8.09	16.0	3.359	123.2
889	6/30/2013 18:00:40	16.57	50.60	33.23	9.73	8.08	11.1	3.414	122.0
890	6/30/2013 18:15:40	16.11	50.54	33.18	9.91	8.08	10.1	3.473	123.1
891	6/30/2013 18:30:40	15.97	50.59	33.22	9.95	8.08	9.5	3.525	123.3
892	6/30/2013 18:45:40	15.86	50.57	33.20	10.01	8.09	7.5	3.556	123.8
893	6/30/2013 19:00:40	16.69	50.72	33.32	9.66	8.09	9.3	3.555	121.5
894	6/30/2013 19:15:40	15.99	50.60	33.22	9.65	8.07	8.9	3.567	119.6
895	6/30/2013 19:30:40	15.91	50.53	33.17	9.78	8.07	8.2	3.545	121.0
896	6/30/2013 19:45:40	16.07	50.55	33.19	9.74	8.08	9.7	3.488	120.9
897	6/30/2013 20:00:40	17.18	50.62	33.25	9.57	8.11	12.2	3.446	121.5
898	6/30/2013 20:15:40	17.08	50.59	33.23	9.60	8.10	17.1	3.379	121.6
899	6/30/2013 20:30:40	17.85	50.76	33.36	9.29	8.11	15.1	3.293	119.4
900	6/30/2013 20:45:40	18.59	50.80	33.39	9.20	8.12	20.9	3.204	120.1

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
901	6/30/2013 21:00:40	18.60	50.81	33.40	9.28	8.12	14.1	3.126	121.1
902	6/30/2013 21:15:40	18.57	50.72	33.34	9.26	8.12	13.3	3.040	120.8
903	6/30/2013 21:30:40	18.84	50.82	33.41	9.12	8.12	13.6	2.938	119.6
904	6/30/2013 21:45:40	19.04	50.85	33.43	9.01	8.12	14.8	2.858	118.5
905	6/30/2013 22:00:40	19.35	50.86	33.44	8.80	8.12	15.7	2.775	116.4
906	6/30/2013 22:15:40	19.84	50.96	33.51	8.58	8.12	15.2	2.685	114.6
907	6/30/2013 22:30:40	19.97	50.98	33.53	8.46	8.11	16.9	2.597	113.3
908	6/30/2013 22:45:40	19.91	50.98	33.53	8.39	8.10	18.5	2.497	112.3
909	6/30/2013 23:00:40	19.66	50.95	33.51	8.40	8.10	17.4	2.418	111.9
910	6/30/2013 23:15:40	19.72	51.10	33.61	8.35	8.10	19.4	2.330	111.4
911	6/30/2013 23:30:40	19.89	50.98	33.53	8.42	8.11	15.6	2.228	112.6
912	6/30/2013 23:45:40	19.86	51.01	33.55	8.40	8.11	14.0	2.137	112.3
913	7/1/2013 0:00:40	19.95	50.98	33.52	8.30	8.11	15.3	2.049	111.1
914	7/1/2013 0:15:40	19.93	50.99	33.54	8.23	8.11	13.7	1.983	110.2
915	7/1/2013 0:30:40	20.03	51.09	33.61	8.19	8.11	13.5	1.907	109.8
916	7/1/2013 0:45:40	20.70	51.07	33.59	8.20	8.14	11.8	1.837	111.3
917	7/1/2013 1:00:40	20.87	51.08	33.60	8.10	8.14	11.4	1.804	110.4
918	7/1/2013 1:15:40	20.97	51.16	33.65	8.10	8.13	10.4	1.792	110.6
919	7/1/2013 1:30:40	21.17	51.18	33.67	8.07	8.14	10.9	1.759	110.6
920	7/1/2013 1:45:40	21.18	51.16	33.65	7.76	8.14	11.5	1.764	106.3
921	7/1/2013 2:00:40	21.13	51.19	33.67	8.15	8.14	10.3	1.802	111.6
922	7/1/2013 2:15:40	21.06	51.16	33.65	8.07	8.14	11.1	1.810	110.4
923	7/1/2013 2:30:40	20.95	51.14	33.64	8.03	8.13	11.2	1.871	109.5
924	7/1/2013 2:45:40	21.02	51.15	33.65	8.11	8.14	10.6	1.924	110.8
925	7/1/2013 3:00:40	20.96	51.12	33.63	8.03	8.13	11.6	1.969	109.5
926	7/1/2013 3:15:40	20.94	51.12	33.62	7.91	8.12	13.0	2.037	107.9
927	7/1/2013 3:30:40	21.11	51.11	33.62	7.66	8.11	14.7	2.106	104.8
928	7/1/2013 3:45:40	21.04	51.11	33.62	7.64	8.10	14.2	2.158	104.5
929	7/1/2013 4:00:40	20.88	51.07	33.59	7.71	8.11	14.1	2.200	105.0
930	7/1/2013 4:15:40	20.77	51.08	33.59	7.76	8.10	13.6	2.279	105.5
931	7/1/2013 4:30:40	20.67	51.06	33.58	7.79	8.10	12.8	2.341	105.7
932	7/1/2013 4:45:40	20.47	51.03	33.56	7.80	8.09	14.3	2.385	105.5
933	7/1/2013 5:00:40	20.31	51.02	33.56	7.81	8.09	13.1	2.437	105.3
934	7/1/2013 5:15:40	19.78	50.94	33.50	7.94	8.08	12.7	2.504	106.0
935	7/1/2013 5:30:40	19.44	50.91	33.47	8.04	8.08	10.2	2.564	106.6
936	7/1/2013 5:45:40	19.38	50.91	33.47	8.03	8.08	9.9	2.598	106.4
937	7/1/2013 6:00:40	19.29	50.87	33.45	8.02	8.07	10.9	2.645	106.0
938	7/1/2013 6:15:40	19.19	50.87	33.45	8.04	8.07	10.4	2.700	106.0
939	7/1/2013 6:30:40	19.11	50.86	33.44	8.04	8.07	10.5	2.739	105.9
940	7/1/2013 6:45:40	19.05	50.87	33.45	8.01	8.07	9.3	2.761	105.4
941	7/1/2013 7:00:40	18.94	50.84	33.43	8.07	8.07	9.1	2.814	106.0
942	7/1/2013 7:15:40	18.73	50.81	33.41	8.13	8.07	11.5	2.841	106.3
943	7/1/2013 7:30:40	18.66	50.81	33.40	8.03	8.06	8.1	2.854	104.9
944	7/1/2013 7:45:40	19.22	50.53	33.20	7.64	8.05	8.0	2.873	100.7
945	7/1/2013 8:00:40	18.88	50.86	33.44	7.54	8.03	9.5	2.867	98.9
946	7/1/2013 8:15:40	18.66	50.78	33.38	7.44	8.03	7.0	2.870	97.2
947	7/1/2013 8:30:40	18.73	50.81	33.40	7.51	8.03	10.4	2.843	98.3
948	7/1/2013 8:45:40	18.92	50.86	33.44	7.44	8.05	11.1	2.811	97.7
949	7/1/2013 9:00:40	19.17	51.05	33.58	7.08	8.04	16.4	2.769	93.5
950	7/1/2013 9:15:40	19.14	51.01	33.55	7.22	8.05	16.9	2.712	95.2
951	7/1/2013 9:30:40	19.10	50.97	33.52	7.58	8.06	14.2	2.662	100.0
952	7/1/2013 9:45:40	19.18	50.95	33.51	7.76	8.07	13.9	2.588	102.4
953	7/1/2013 10:00:40	19.20	50.92	33.49	7.79	8.07	14.0	2.536	102.8

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
954	7/1/2013 10:15:40	19.21	50.85	33.43	7.85	8.07	13.1	2.479	103.6
955	7/1/2013 10:30:40	19.28	50.98	33.53	8.00	8.08	14.3	2.401	105.8
956	7/1/2013 10:45:40	19.32	50.91	33.48	8.11	8.09	12.6	2.347	107.3
957	7/1/2013 11:00:40	19.83	51.02	33.56	7.85	8.09	12.6	2.281	104.8
958	7/1/2013 11:15:40	19.99	51.09	33.61	7.83	8.09	12.5	2.235	105.0
959	7/1/2013 11:30:40	20.10	51.05	33.58	7.80	8.09	12.2	2.175	104.8
960	7/1/2013 11:45:40	20.21	51.08	33.60	8.06	8.10	11.9	2.123	108.5
961	7/1/2013 12:00:40	20.35	51.09	33.61	7.81	8.09	11.4	2.101	105.4
962	7/1/2013 12:15:40	20.44	51.10	33.61	7.60	8.08	11.1	2.062	102.7
963	7/1/2013 12:30:40	20.48	51.06	33.59	7.40	8.08	9.4	2.032	100.1
964	7/1/2013 12:45:40	20.50	50.99	33.53	7.62	8.08	10.5	2.032	103.0
965	7/1/2013 13:00:40	20.47	50.98	33.52	8.06	8.10	11.3	2.037	109.0
966	7/1/2013 13:15:40	20.50	51.07	33.59	7.61	8.08	12.0	2.034	102.9
967	7/1/2013 13:30:40	20.50	51.10	33.62	7.58	8.08	11.1	2.058	102.5
968	7/1/2013 13:45:40	20.55	51.09	33.60	7.63	8.09	12.3	2.092	103.4
969	7/1/2013 14:00:40	20.55	51.10	33.61	7.48	8.08	11.4	2.151	101.3
970	7/1/2013 14:15:40	20.53	51.09	33.61	7.54	8.08	11.9	2.198	102.1
971	7/1/2013 14:30:40	20.38	51.06	33.58	7.40	8.07	13.1	2.250	100.0
972	7/1/2013 14:45:40	20.37	51.06	33.58	7.47	8.07	12.5	2.312	100.8
973	7/1/2013 15:00:40	20.20	51.01	33.55	7.48	8.07	12.0	2.362	100.6
974	7/1/2013 15:15:40	20.05	51.02	33.56	7.46	8.07	12.2	2.431	100.1
975	7/1/2013 15:30:40	19.97	51.01	33.55	7.50	8.07	12.2	2.492	100.5
976	7/1/2013 15:45:40	19.80	50.95	33.50	7.57	8.06	12.9	2.551	101.0
977	7/1/2013 16:00:40	19.60	50.94	33.50	7.68	8.06	13.9	2.626	102.2
978	7/1/2013 16:15:40	19.44	50.90	33.47	7.82	8.06	13.4	2.687	103.7
979	7/1/2013 16:30:40	19.13	50.83	33.42	8.16	8.07	12.0	2.760	107.5
980	7/1/2013 16:45:40	18.89	50.81	33.40	8.21	8.07	11.8	2.831	107.7
981	7/1/2013 17:00:40	18.69	50.81	33.40	8.28	8.07	11.1	2.899	108.2
982	7/1/2013 17:15:40	18.48	50.75	33.36	8.37	8.07	11.5	2.980	109.0
983	7/1/2013 17:30:40	18.42	50.75	33.36	8.61	8.08	11.4	3.051	111.9
984	7/1/2013 17:45:40	18.14	50.71	33.33	8.79	8.08	12.8	3.124	113.6
985	7/1/2013 18:00:40	17.66	50.64	33.27	9.02	8.08	14.1	3.195	115.6
986	7/1/2013 18:15:40	17.36	50.68	33.30	9.22	8.08	13.5	3.272	117.4
987	7/1/2013 18:30:40	17.16	50.65	33.28	9.34	8.08	12.5	3.337	118.5
988	7/1/2013 18:45:40	16.81	50.63	33.26	9.48	8.09	10.0	3.395	119.4
989	7/1/2013 19:00:40	16.54	50.66	33.28	9.48	8.08	8.9	3.452	118.9
990	7/1/2013 19:15:40	16.31	50.70	33.30	9.51	8.08	8.3	3.502	118.7
991	7/1/2013 19:30:40	15.91	50.62	33.23	9.57	8.07	7.8	3.535	118.5
992	7/1/2013 19:45:40	15.79	50.66	33.27	9.42	8.06	4.9	3.550	116.4
993	7/1/2013 20:00:40	16.36	50.63	33.25	9.19	8.06	8.1	3.564	114.8
994	7/1/2013 20:15:40	15.90	50.65	33.26	9.13	8.05	7.9	3.558	113.0
995	7/1/2013 20:30:40	15.94	50.68	33.28	9.14	8.06	8.0	3.519	113.2
996	7/1/2013 20:45:40	16.59	50.67	33.28	9.14	8.08	12.5	3.468	114.7
997	7/1/2013 21:00:40	16.90	50.70	33.31	9.06	8.08	13.9	3.416	114.4
998	7/1/2013 21:15:40	16.85	50.66	33.28	9.04	8.08	13.9	3.342	114.0
999	7/1/2013 21:30:40	17.45	50.74	33.35	8.85	8.08	18.2	3.252	113.0
1000	7/1/2013 21:45:40	18.64	50.84	33.43	8.59	8.10	18.6	3.170	112.2
1001	7/1/2013 22:00:40	18.54	50.85	33.43	8.71	8.10	15.0	3.086	113.5
1002	7/1/2013 22:15:40	18.89	50.83	33.42	8.57	8.10	15.4	3.006	112.4
1003	7/1/2013 22:30:40	19.10	50.91	33.48	8.47	8.10	13.5	2.912	111.6
1004	7/1/2013 22:45:40	19.36	50.91	33.48	8.29	8.10	15.5	2.820	109.8
1005	7/1/2013 23:00:40	19.56	50.92	33.49	8.24	8.10	16.6	2.723	109.5
1006	7/1/2013 23:15:40	18.84	50.78	33.38	8.23	8.08	20.5	2.644	107.8

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

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1007	7/1/2013 23:30:40	18.39	50.83	33.42	8.31	8.08	18.2	2.536	108.1
1008	7/1/2013 23:45:40	18.16	50.84	33.42	8.31	8.08	19.2	2.426	107.5
1009	7/2/2013 0:00:40	19.08	51.00	33.54	8.14	8.09	19.6	2.341	107.2
1010	7/2/2013 0:15:40	19.61	50.99	33.54	8.01	8.10	16.4	2.238	106.5
1011	7/2/2013 0:30:40	19.23	50.89	33.46	7.96	8.09	17.6	2.128	105.2
1012	7/2/2013 0:45:40	19.42	50.99	33.53	7.87	8.09	16.7	2.023	104.3
1013	7/2/2013 1:00:40	19.71	50.98	33.53	7.79	8.09	17.7	1.949	103.8
1014	7/2/2013 1:15:40	19.94	51.04	33.57	7.71	8.09	14.4	1.869	103.2
1015	7/2/2013 1:30:40	19.93	51.05	33.58	7.62	8.09	15.0	1.780	102.0
1016	7/2/2013 1:45:40	20.15	51.06	33.59	7.63	8.10	13.8	1.724	102.6
1017	7/2/2013 2:00:40	20.39	51.05	33.58	7.56	8.10	12.5	1.691	102.0
1018	7/2/2013 2:15:40	20.56	51.09	33.60	7.55	8.10	12.5	1.653	102.3
1019	7/2/2013 2:30:40	20.70	51.14	33.64	7.54	8.10	10.9	1.627	102.5
1020	7/2/2013 2:45:40	20.74	51.05	33.57	7.43	8.10	10.5	1.637	101.0
1021	7/2/2013 3:00:40	20.58	51.11	33.62	7.60	8.10	11.5	1.673	103.0
1022	7/2/2013 3:15:40	20.63	51.10	33.61	7.55	8.10	11.8	1.677	102.4
1023	7/2/2013 3:30:40	20.60	51.12	33.62	7.57	8.10	11.1	1.721	102.7
1024	7/2/2013 3:45:40	20.80	51.13	33.63	7.69	8.12	11.5	1.779	104.6
1025	7/2/2013 4:00:40	20.75	51.10	33.61	7.68	8.12	11.2	1.842	104.4
1026	7/2/2013 4:15:40	20.68	51.09	33.60	7.60	8.11	11.8	1.896	103.2
1027	7/2/2013 4:30:40	20.82	51.11	33.62	7.41	8.10	12.6	1.948	100.8
1028	7/2/2013 4:45:40	20.89	51.12	33.63	7.24	8.09	15.2	2.029	98.7
1029	7/2/2013 5:00:40	20.73	51.08	33.59	7.36	8.09	14.8	2.072	100.0
1030	7/2/2013 5:15:40	20.58	51.09	33.60	7.40	8.09	14.6	2.138	100.3
1031	7/2/2013 5:30:40	20.46	51.02	33.55	7.42	8.09	14.1	2.203	100.3
1032	7/2/2013 5:45:40	20.37	51.02	33.56	7.41	8.08	13.7	2.258	99.9
1033	7/2/2013 6:00:40	20.30	51.00	33.54	7.41	8.08	13.3	2.314	99.8
1034	7/2/2013 6:15:40	20.03	51.00	33.54	7.48	8.08	12.9	2.381	100.4
1035	7/2/2013 6:30:40	19.68	50.94	33.50	7.52	8.06	12.3	2.440	100.2
1036	7/2/2013 6:45:40	19.47	50.88	33.45	7.57	8.06	11.9	2.490	100.4
1037	7/2/2013 7:00:40	19.32	50.87	33.45	7.60	8.06	10.4	2.547	100.5
1038	7/2/2013 7:15:40	19.26	50.85	33.43	7.58	8.06	9.8	2.599	100.1
1039	7/2/2013 7:30:40	19.15	50.85	33.44	7.59	8.06	8.9	2.651	100.1
1040	7/2/2013 7:45:40	19.11	50.91	33.48	7.61	8.06	9.0	2.689	100.4
1041	7/2/2013 8:00:40	18.99	50.88	33.45	7.67	8.06	9.5	2.738	100.8
1042	7/2/2013 8:15:40	18.82	50.84	33.42	7.74	8.06	8.4	2.778	101.5
1043	7/2/2013 8:30:40	18.73	50.84	33.43	7.78	8.06	7.6	2.817	101.7
1044	7/2/2013 8:45:40	18.64	50.84	33.43	7.78	8.05	11.5	2.836	101.6
	Mean	17.21	51.26	33.71	8.91	8.12	17.69	2.58	113.22
	Minimum	11.81	50.43	33.10	6.72	7.97	4.90	0.66	86.70
	Maximum	21.20	52.19	34.35	11.29	8.31	39.00	4.04	147.10

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

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
0	7/2/2013 9:15:50	18.66	49.31	32.30	7.46	8.08	7.3	2.920	96.8
1	7/2/2013 9:30:50	18.78	49.32	32.31	7.14	8.06	7.2	2.909	92.9
2	7/2/2013 9:45:50	18.56	49.17	32.20	7.29	8.05	8.6	2.894	94.3
3	7/2/2013 10:00:50	18.59	49.33	32.32	7.25	8.05	10.5	2.871	94.0
4	7/2/2013 10:15:50	18.75	49.09	32.15	7.31	8.05	7.7	2.826	94.9
5	7/2/2013 10:30:50	19.22	49.30	32.29	7.22	8.06	9.7	2.790	94.7
6	7/2/2013 10:45:50	19.33	49.48	32.43	7.41	8.07	9.5	2.736	97.4
7	7/2/2013 11:00:50	19.38	49.54	32.47	7.44	8.07	9.4	2.670	98.0
8	7/2/2013 11:15:50	19.38	49.27	32.27	7.37	8.07	8.9	2.625	96.9
9	7/2/2013 11:30:50	19.58	49.43	32.39	7.35	8.06	9.0	2.564	97.1
10	7/2/2013 11:45:50	19.76	49.54	32.47	7.37	8.07	9.7	2.498	97.7
11	7/2/2013 12:00:50	19.89	49.72	32.60	7.29	8.07	8.5	2.462	97.0
12	7/2/2013 12:15:50	19.97	49.38	32.35	7.22	8.07	9.8	2.415	96.1
13	7/2/2013 12:30:50	20.06	49.43	32.39	7.27	8.07	9.8	2.347	96.9
14	7/2/2013 12:45:50	20.19	49.65	32.55	7.33	8.07	9.5	2.324	98.0
15	7/2/2013 13:00:50	20.43	49.45	32.40	7.39	8.08	9.0	2.300	99.2
16	7/2/2013 13:15:50	20.48	49.59	32.51	7.35	8.08	9.2	2.249	98.8
17	7/2/2013 13:30:50	20.60	49.53	32.46	7.25	8.08	9.2	2.239	97.7
18	7/2/2013 13:45:50	20.68	49.83	32.68	7.29	8.09	9.2	2.244	98.4
19	7/2/2013 14:00:50	20.54	49.52	32.45	7.63	8.09	8.9	2.228	102.6
20	7/2/2013 14:15:50	20.48	49.45	32.40	7.43	8.08	9.6	2.245	99.8
21	7/2/2013 14:30:50	20.52	49.82	32.67	7.38	8.09	9.8	2.257	99.4
22	7/2/2013 14:45:50	20.67	49.83	32.68	7.55	8.10	8.9	2.296	102.0
23	7/2/2013 15:00:50	20.56	49.78	32.64	7.49	8.10	10.0	2.339	101.0
24	7/2/2013 15:15:50	20.45	49.83	32.68	7.43	8.10	11.7	2.364	99.9
25	7/2/2013 15:30:50	20.30	49.82	32.67	7.59	8.09	9.7	2.420	101.7
26	7/2/2013 15:45:50	20.49	49.64	32.54	7.93	8.11	9.3	2.477	106.6
27	7/2/2013 16:00:49	20.23	49.81	32.67	7.75	8.09	9.5	2.531	103.8
28	7/2/2013 16:15:50	20.10	50.04	32.84	7.61	8.09	10.0	2.597	101.8
29	7/2/2013 16:30:50	19.88	49.67	32.57	7.64	8.09	9.0	2.650	101.5
30	7/2/2013 16:45:50	19.69	49.91	32.74	7.55	8.08	8.6	2.711	100.2
31	7/2/2013 17:00:50	19.42	49.82	32.68	7.59	8.07	9.5	2.784	100.1
32	7/2/2013 17:15:50	18.97	50.02	32.82	7.70	8.07	10.3	2.849	100.8
33	7/2/2013 17:30:50	18.53	49.92	32.75	7.82	8.06	9.7	2.904	101.5
34	7/2/2013 17:45:50	18.18	49.90	32.73	7.93	8.06	8.9	2.978	102.2
35	7/2/2013 18:00:50	17.91	50.05	32.84	8.06	8.07	9.6	3.045	103.5
36	7/2/2013 18:15:50	17.82	49.84	32.69	8.05	8.06	9.7	3.105	103.1
37	7/2/2013 18:30:50	17.62	49.94	32.76	8.18	8.07	9.9	3.180	104.4
38	7/2/2013 18:45:50	17.41	49.94	32.75	8.24	8.07	10.6	3.251	104.7
39	7/2/2013 19:00:50	17.36	49.79	32.65	8.42	8.08	12.9	3.311	106.9
40	7/2/2013 19:15:50	16.90	49.82	32.66	8.84	8.09	9.5	3.379	111.2
41	7/2/2013 19:30:50	16.53	49.91	32.73	8.91	8.09	8.2	3.436	111.2
42	7/2/2013 19:45:50	16.46	49.95	32.75	8.90	8.08	8.1	3.490	111.0
43	7/2/2013 20:00:50	16.30	49.85	32.68	8.97	8.08	6.2	3.531	111.5
44	7/2/2013 20:15:50	16.21	49.83	32.66	8.93	8.09	4.8	3.557	110.8
45	7/2/2013 20:30:50	16.07	49.98	32.77	8.79	8.07	4.0	3.592	108.8
46	7/2/2013 20:45:50	16.49	49.82	32.66	8.63	8.07	7.3	3.591	107.6
47	7/2/2013 21:00:50	16.21	49.93	32.74	8.55	8.06	5.6	3.579	106.2
48	7/2/2013 21:15:50	16.10	49.83	32.66	8.70	8.07	4.6	3.562	107.7
49	7/2/2013 21:30:50	16.82	49.80	32.65	8.44	8.07	7.9	3.525	105.9
50	7/2/2013 21:45:50	16.58	50.00	32.79	8.60	8.08	9.4	3.472	107.6
51	7/2/2013 22:00:50	16.49	50.00	32.79	8.63	8.08	9.4	3.411	107.7
52	7/2/2013 22:15:50	17.42	50.14	32.90	8.50	8.10	11.2	3.317	108.2

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
53	7/2/2013 22:30:50	18.05	50.17	32.93	8.41	8.11	12.5	3.226	108.2
54	7/2/2013 22:45:50	18.65	50.06	32.85	8.21	8.11	13.2	3.153	106.9
55	7/2/2013 23:00:50	18.75	50.02	32.82	8.18	8.11	11.9	3.060	106.7
56	7/2/2013 23:15:50	18.87	50.19	32.95	8.14	8.11	12.3	2.953	106.4
57	7/2/2013 23:30:50	19.09	50.13	32.91	8.10	8.11	15.0	2.862	106.4
58	7/2/2013 23:45:50	19.33	50.04	32.83	8.00	8.11	13.1	2.784	105.5
59	7/3/2013 0:00:50	19.45	50.26	33.00	7.96	8.11	15.3	2.662	105.3
60	7/3/2013 0:15:50	19.18	50.15	32.92	7.88	8.10	18.6	2.561	103.7
61	7/3/2013 0:30:50	19.20	50.31	33.04	7.85	8.10	18.1	2.459	103.3
62	7/3/2013 0:45:50	19.39	50.21	32.96	7.89	8.11	15.0	2.359	104.2
63	7/3/2013 1:00:50	19.54	50.16	32.93	7.80	8.11	14.8	2.243	103.3
64	7/3/2013 1:15:50	19.46	50.38	33.09	7.72	8.10	14.3	2.135	102.2
65	7/3/2013 1:30:50	19.72	50.02	32.83	7.73	8.11	16.2	2.032	102.7
66	7/3/2013 1:45:50	19.89	50.29	33.02	7.60	8.11	14.3	1.925	101.4
67	7/3/2013 2:00:50	20.18	50.29	33.02	7.56	8.11	13.7	1.831	101.4
68	7/3/2013 2:15:50	20.48	50.45	33.14	7.51	8.12	13.4	1.732	101.3
69	7/3/2013 2:30:50	20.67	50.20	32.95	7.49	8.12	15.3	1.669	101.3
70	7/3/2013 2:45:49	20.78	50.20	32.95	7.47	8.12	12.2	1.615	101.2
71	7/3/2013 3:00:50	21.05	50.44	33.12	7.48	8.13	12.2	1.561	102.0
72	7/3/2013 3:15:50	21.18	50.52	33.18	7.57	8.14	11.1	1.551	103.5
73	7/3/2013 3:30:50	21.29	50.44	33.12	7.58	8.14	10.5	1.537	103.8
74	7/3/2013 3:45:50	21.01	50.42	33.11	7.37	8.13	9.8	1.563	100.4
75	7/3/2013 4:00:50	21.11	50.44	33.12	7.51	8.13	9.2	1.589	102.4
76	7/3/2013 4:15:50	21.03	50.44	33.12	7.51	8.13	8.9	1.611	102.3
77	7/3/2013 4:30:50	21.05	50.50	33.17	7.53	8.13	9.4	1.671	102.7
78	7/3/2013 4:45:50	21.02	50.55	33.20	7.56	8.13	9.8	1.736	103.0
79	7/3/2013 5:00:50	20.97	50.47	33.15	7.50	8.13	10.8	1.779	102.0
80	7/3/2013 5:15:50	21.13	50.38	33.08	7.17	8.10	13.6	1.845	97.9
81	7/3/2013 5:30:50	21.21	50.42	33.11	6.94	8.09	15.9	1.924	94.8
82	7/3/2013 5:45:50	21.13	50.29	33.01	6.93	8.09	16.2	1.978	94.5
83	7/3/2013 6:00:50	20.95	50.37	33.08	7.09	8.09	14.4	2.041	96.4
84	7/3/2013 6:15:50	20.75	50.17	32.93	7.17	8.09	13.7	2.124	97.0
85	7/3/2013 6:30:49	20.71	50.33	33.04	7.13	8.09	13.3	2.179	96.6
86	7/3/2013 6:45:50	20.60	50.33	33.05	7.17	8.09	13.5	2.245	96.8
87	7/3/2013 7:00:50	20.39	50.35	33.06	7.16	8.09	13.4	2.309	96.4
88	7/3/2013 7:15:50	20.13	50.44	33.13	7.20	8.08	12.3	2.387	96.5
89	7/3/2013 7:30:50	19.88	50.37	33.08	7.23	8.07	11.2	2.455	96.4
90	7/3/2013 7:45:50	19.70	50.38	33.08	7.24	8.06	10.1	2.516	96.3
91	7/3/2013 8:00:50	19.60	50.09	32.88	7.26	8.06	10.2	2.580	96.2
92	7/3/2013 8:15:50	19.49	50.17	32.93	7.26	8.06	10.0	2.639	96.0
93	7/3/2013 8:30:50	19.36	50.42	33.12	7.29	8.06	9.2	2.696	96.3
94	7/3/2013 8:45:50	19.16	50.25	32.99	7.34	8.06	9.0	2.743	96.5
95	7/3/2013 9:00:50	18.91	50.25	32.99	7.43	8.06	9.2	2.795	97.3
96	7/3/2013 9:15:50	18.77	50.22	32.97	7.45	8.06	8.8	2.839	97.3
97	7/3/2013 9:30:50	18.61	50.24	32.98	7.45	8.05	7.4	2.871	96.9
98	7/3/2013 9:45:50	18.52	50.23	32.98	7.43	8.05	7.4	2.909	96.5
99	7/3/2013 10:00:50	18.34	50.12	32.90	7.51	8.05	6.5	2.933	97.2
100	7/3/2013 10:15:50	18.30	50.12	32.89	7.46	8.05	5.4	2.949	96.5
101	7/3/2013 10:30:50	18.58	50.08	32.87	7.33	8.04	8.8	2.963	95.3
102	7/3/2013 10:45:50	18.36	50.21	32.96	7.19	8.03	7.6	2.954	93.2
103	7/3/2013 11:00:50	18.27	50.04	32.83	7.23	8.03	7.8	2.938	93.4
104	7/3/2013 11:15:50	18.38	50.26	33.00	7.17	8.03	7.4	2.917	93.0
105	7/3/2013 11:30:50	18.46	50.18	32.94	7.21	8.04	7.3	2.870	93.6

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
106	7/3/2013 11:45:50	18.86	50.22	32.97	7.36	8.06	9.2	2.827	96.2
107	7/3/2013 12:00:50	19.04	50.20	32.96	7.46	8.06	9.5	2.764	97.9
108	7/3/2013 12:15:50	19.21	50.35	33.07	7.47	8.06	11.1	2.708	98.4
109	7/3/2013 12:30:50	19.55	50.22	32.97	7.45	8.07	9.6	2.661	98.7
110	7/3/2013 12:45:50	19.77	50.31	33.04	7.43	8.07	9.7	2.603	98.8
111	7/3/2013 13:00:50	19.88	50.26	33.00	7.42	8.07	9.5	2.543	98.9
112	7/3/2013 13:15:50	20.21	50.40	33.10	7.55	8.08	9.0	2.500	101.3
113	7/3/2013 13:30:50	20.11	50.27	33.00	7.45	8.08	8.8	2.457	99.7
114	7/3/2013 13:45:50	20.15	50.52	33.19	7.35	8.07	8.9	2.406	98.6
115	7/3/2013 14:00:50	20.20	50.36	33.07	7.38	8.07	9.8	2.389	99.0
116	7/3/2013 14:15:50	20.33	50.29	33.02	7.63	8.09	10.1	2.356	102.5
117	7/3/2013 14:30:50	20.38	50.40	33.10	7.57	8.08	10.0	2.314	102.0
118	7/3/2013 14:45:50	20.48	50.22	32.97	7.35	8.08	9.6	2.318	99.0
119	7/3/2013 15:00:50	20.39	50.34	33.06	8.03	8.10	9.4	2.310	108.1
120	7/3/2013 15:15:50	20.31	50.32	33.04	7.84	8.09	9.0	2.295	105.3
121	7/3/2013 15:30:50	20.60	50.52	33.18	7.80	8.10	7.9	2.324	105.5
122	7/3/2013 15:45:50	20.38	50.47	33.15	7.90	8.10	9.7	2.344	106.4
123	7/3/2013 16:00:50	20.49	50.41	33.10	7.78	8.10	8.8	2.361	104.9
124	7/3/2013 16:15:50	20.52	50.42	33.11	7.83	8.10	8.7	2.420	105.7
125	7/3/2013 16:30:50	20.36	50.24	32.98	7.76	8.09	10.3	2.459	104.3
126	7/3/2013 16:45:50	20.13	50.49	33.17	7.56	8.08	9.7	2.510	101.4
127	7/3/2013 17:00:50	20.16	50.38	33.08	7.81	8.09	10.1	2.581	104.7
128	7/3/2013 17:15:50	20.10	50.22	32.97	7.89	8.09	9.4	2.635	105.5
129	7/3/2013 17:30:50	19.80	50.40	33.10	7.77	8.08	9.4	2.703	103.5
130	7/3/2013 17:45:50	19.36	50.22	32.97	7.64	8.06	9.5	2.758	100.8
131	7/3/2013 18:00:50	18.95	50.19	32.95	7.69	8.06	10.6	2.827	100.7
132	7/3/2013 18:15:50	18.48	50.22	32.97	7.81	8.05	10.4	2.903	101.4
133	7/3/2013 18:30:50	18.00	50.14	32.91	7.85	8.04	11.1	2.953	101.0
134	7/3/2013 18:45:50	17.92	50.12	32.89	8.00	8.05	9.9	3.027	102.8
135	7/3/2013 19:00:50	17.70	50.27	33.00	8.10	8.05	9.5	3.086	103.7
136	7/3/2013 19:15:50	17.46	50.19	32.94	8.19	8.05	8.7	3.175	104.3
137	7/3/2013 19:30:50	17.32	50.27	33.00	8.29	8.06	10.2	3.233	105.4
138	7/3/2013 19:45:50	17.22	50.08	32.86	8.45	8.06	11.2	3.315	107.1
139	7/3/2013 20:00:50	16.55	50.01	32.80	8.75	8.06	10.2	3.371	109.3
140	7/3/2013 20:15:50	16.23	50.23	32.96	8.82	8.06	8.4	3.426	109.7
141	7/3/2013 20:30:50	15.89	50.16	32.90	8.96	8.06	8.0	3.485	110.6
142	7/3/2013 20:45:50	15.72	50.09	32.84	8.98	8.06	5.7	3.514	110.5
143	7/3/2013 21:00:50	15.67	50.26	32.96	8.95	8.06	6.7	3.554	110.0
144	7/3/2013 21:15:50	15.56	50.23	32.94	8.99	8.06	5.9	3.584	110.4
145	7/3/2013 21:30:50	16.06	50.16	32.90	8.80	8.06	7.3	3.587	109.0
146	7/3/2013 21:45:50	15.65	50.17	32.90	8.70	8.05	6.2	3.581	106.9
147	7/3/2013 22:00:50	15.60	50.14	32.88	8.76	8.05	5.7	3.570	107.5
148	7/3/2013 22:15:50	15.95	50.05	32.82	8.59	8.05	8.5	3.535	106.2
149	7/3/2013 22:30:50	16.50	50.19	32.93	8.32	8.06	10.3	3.480	103.9
150	7/3/2013 22:45:50	16.66	50.25	32.98	8.38	8.06	11.0	3.408	105.1
151	7/3/2013 23:00:50	16.67	50.28	33.00	8.29	8.06	11.3	3.349	104.0
152	7/3/2013 23:15:50	17.47	50.35	33.06	8.11	8.07	11.6	3.248	103.4
153	7/3/2013 23:30:50	18.08	50.29	33.02	7.96	8.07	13.7	3.162	102.6
154	7/3/2013 23:45:50	18.45	50.26	33.00	7.88	8.08	15.3	3.065	102.3
155	7/4/2013 0:00:50	18.47	50.19	32.94	8.07	8.08	13.0	2.970	104.8
156	7/4/2013 0:15:50	18.63	50.38	33.09	7.93	8.08	14.6	2.874	103.3
157	7/4/2013 0:30:50	18.92	50.44	33.13	7.83	8.08	13.7	2.764	102.6
158	7/4/2013 0:45:50	19.07	50.44	33.14	7.72	8.08	15.0	2.664	101.5

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
159	7/4/2013 1:00:50	18.92	50.44	33.13	7.80	8.08	16.6	2.566	102.2
160	7/4/2013 1:15:50	19.03	50.47	33.16	7.80	8.09	15.8	2.468	102.4
161	7/4/2013 1:30:50	19.22	50.61	33.25	7.66	8.09	15.1	2.354	101.1
162	7/4/2013 1:45:50	19.18	50.47	33.15	7.58	8.08	15.8	2.242	99.8
163	7/4/2013 2:00:50	18.85	50.48	33.16	7.49	8.07	15.8	2.120	98.1
164	7/4/2013 2:15:50	19.00	50.30	33.03	7.42	8.07	15.3	2.007	97.3
165	7/4/2013 2:30:50	19.30	50.32	33.04	7.35	8.07	15.7	1.891	97.0
166	7/4/2013 2:45:50	19.45	50.36	33.07	7.29	8.07	14.4	1.790	96.5
167	7/4/2013 3:00:50	19.67	50.43	33.13	7.24	8.08	14.2	1.684	96.3
168	7/4/2013 3:15:49	19.89	50.31	33.04	7.22	8.08	13.6	1.615	96.3
169	7/4/2013 3:30:49	20.08	50.26	33.00	7.21	8.08	11.8	1.537	96.4
170	7/4/2013 3:45:50	20.18	50.47	33.15	7.16	8.09	11.0	1.469	96.1
171	7/4/2013 4:00:50	20.34	50.67	33.30	7.20	8.09	10.5	1.460	96.9
172	7/4/2013 4:15:50	20.36	50.62	33.26	7.15	8.10	10.2	1.439	96.3
173	7/4/2013 4:30:50	20.16	50.66	33.29	7.02	8.08	9.6	1.438	94.2
174	7/4/2013 4:45:50	20.35	50.52	33.19	7.18	8.09	8.9	1.467	96.6
175	7/4/2013 5:00:50	20.33	50.64	33.27	7.20	8.09	9.4	1.513	96.9
176	7/4/2013 5:15:50	20.25	50.68	33.31	7.16	8.09	9.2	1.564	96.2
177	7/4/2013 5:30:50	20.32	50.53	33.19	7.20	8.09	9.0	1.613	96.9
178	7/4/2013 5:45:50	20.23	50.68	33.30	7.19	8.09	9.4	1.681	96.6
179	7/4/2013 6:00:50	20.23	50.52	33.19	7.06	8.08	10.9	1.750	94.9
180	7/4/2013 6:15:50	20.40	50.56	33.22	6.80	8.06	15.9	1.817	91.7
181	7/4/2013 6:30:50	20.37	50.55	33.21	6.78	8.06	15.9	1.889	91.4
182	7/4/2013 6:45:50	20.22	50.45	33.14	6.91	8.06	15.0	1.959	92.8
183	7/4/2013 7:00:50	20.14	50.42	33.12	6.89	8.06	13.9	2.033	92.4
184	7/4/2013 7:15:50	20.05	50.45	33.14	6.92	8.07	14.0	2.105	92.6
185	7/4/2013 7:30:50	20.00	50.60	33.25	6.93	8.06	14.6	2.176	92.7
186	7/4/2013 7:45:50	19.87	50.34	33.05	6.95	8.06	14.8	2.245	92.7
187	7/4/2013 8:00:50	19.65	50.46	33.14	7.01	8.05	13.1	2.323	93.1
188	7/4/2013 8:15:50	19.46	50.59	33.24	7.05	8.05	12.5	2.392	93.5
189	7/4/2013 8:30:50	19.36	50.54	33.21	7.09	8.05	11.5	2.460	93.7
190	7/4/2013 8:45:50	19.25	50.30	33.03	7.14	8.05	11.2	2.531	94.1
191	7/4/2013 9:00:50	19.12	50.33	33.05	7.19	8.05	11.7	2.601	94.5
192	7/4/2013 9:15:50	19.05	50.34	33.06	7.22	8.05	11.1	2.658	94.7
193	7/4/2013 9:30:50	18.81	50.43	33.12	7.28	8.05	10.9	2.723	95.2
194	7/4/2013 9:45:50	18.61	50.22	32.97	7.39	8.04	10.4	2.786	96.2
195	7/4/2013 10:00:50	18.42	50.27	33.01	7.41	8.04	10.0	2.837	96.1
196	7/4/2013 10:15:50	18.14	50.36	33.07	7.46	8.04	10.4	2.882	96.3
197	7/4/2013 10:30:50	17.96	50.31	33.03	7.56	8.04	10.6	2.922	97.2
198	7/4/2013 10:45:50	17.84	50.12	32.89	7.64	8.04	8.6	2.960	98.0
199	7/4/2013 11:00:50	17.68	50.33	33.04	7.66	8.04	6.8	2.986	98.0
200	7/4/2013 11:15:50	17.67	50.08	32.86	7.48	8.03	8.4	2.991	95.6
201	7/4/2013 11:30:50	18.11	50.34	33.06	7.49	8.04	7.9	3.012	96.7
202	7/4/2013 11:45:50	17.64	50.32	33.04	7.43	8.02	9.9	3.002	95.0
203	7/4/2013 12:00:50	17.67	50.29	33.01	7.46	8.02	7.5	2.984	95.4
204	7/4/2013 12:15:50	17.77	50.20	32.95	7.36	8.02	8.8	2.949	94.3
205	7/4/2013 12:30:50	17.91	50.38	33.09	7.39	8.03	9.6	2.889	95.0
206	7/4/2013 12:45:50	18.21	50.31	33.03	7.53	8.05	10.9	2.852	97.4
207	7/4/2013 13:00:50	18.44	50.28	33.02	7.55	8.05	10.0	2.792	98.1
208	7/4/2013 13:15:50	18.75	50.35	33.07	7.55	8.06	9.7	2.732	98.5
209	7/4/2013 13:30:50	19.07	50.24	32.99	7.61	8.07	10.8	2.664	99.9
210	7/4/2013 13:45:50	19.22	50.31	33.04	7.65	8.07	10.4	2.608	100.8
211	7/4/2013 14:00:50	19.56	50.30	33.03	7.78	8.08	10.9	2.566	103.1

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
212	7/4/2013 14:15:50	19.62	50.41	33.11	7.71	8.08	10.8	2.512	102.4
213	7/4/2013 14:30:50	19.67	50.30	33.03	7.68	8.07	10.1	2.462	102.1
214	7/4/2013 14:45:50	19.79	50.36	33.07	7.69	8.08	10.2	2.428	102.4
215	7/4/2013 15:00:50	19.92	50.51	33.18	7.69	8.08	12.7	2.384	102.7
216	7/4/2013 15:15:50	20.16	50.45	33.14	7.93	8.10	11.4	2.373	106.3
217	7/4/2013 15:30:50	20.34	50.27	33.01	7.96	8.10	9.8	2.342	107.1
218	7/4/2013 15:45:50	20.44	50.35	33.06	7.94	8.10	9.8	2.339	106.9
219	7/4/2013 16:00:50	20.38	50.50	33.18	8.17	8.11	11.3	2.357	110.0
220	7/4/2013 16:15:50	20.19	50.34	33.05	8.19	8.10	11.5	2.351	109.8
221	7/4/2013 16:30:50	20.30	50.52	33.19	8.03	8.10	9.3	2.375	108.0
222	7/4/2013 16:45:50	20.40	50.43	33.12	8.12	8.10	9.5	2.407	109.3
223	7/4/2013 17:00:50	20.30	50.52	33.19	8.08	8.10	9.4	2.450	108.6
224	7/4/2013 17:15:50	20.21	50.52	33.19	8.04	8.10	10.0	2.502	107.9
225	7/4/2013 17:30:50	19.94	50.43	33.12	7.98	8.08	10.5	2.537	106.5
226	7/4/2013 17:45:50	19.93	50.17	32.93	8.11	8.09	10.0	2.598	108.2
227	7/4/2013 18:00:50	19.91	50.33	33.05	8.10	8.09	9.5	2.658	108.1
228	7/4/2013 18:15:50	19.58	50.41	33.11	7.92	8.08	10.0	2.732	105.1
229	7/4/2013 18:30:50	19.14	50.28	33.01	7.81	8.06	10.4	2.788	102.8
230	7/4/2013 18:45:50	18.68	50.16	32.92	7.86	8.05	10.5	2.844	102.4
231	7/4/2013 19:00:50	18.30	50.15	32.92	8.04	8.05	10.4	2.910	104.0
232	7/4/2013 19:15:50	17.83	50.28	33.01	8.21	8.05	10.9	2.986	105.3
233	7/4/2013 19:30:50	17.34	50.24	32.98	8.21	8.05	10.9	3.050	104.4
234	7/4/2013 19:45:50	17.05	50.23	32.96	8.27	8.05	10.8	3.121	104.5
235	7/4/2013 20:00:50	16.69	50.34	33.04	8.28	8.03	11.1	3.196	103.9
236	7/4/2013 20:15:50	16.28	50.26	32.98	8.36	8.03	10.9	3.274	104.1
237	7/4/2013 20:30:50	15.96	50.05	32.82	8.60	8.04	13.4	3.344	106.3
238	7/4/2013 20:45:50	15.74	50.23	32.95	8.83	8.05	12.8	3.400	108.8
239	7/4/2013 21:00:50	15.46	50.29	32.98	9.12	8.05	11.9	3.477	111.7
240	7/4/2013 21:15:50	15.35	50.15	32.88	9.28	8.06	9.4	3.529	113.4
241	7/4/2013 21:30:50	15.25	50.30	32.99	9.27	8.06	7.3	3.575	113.2
242	7/4/2013 21:45:50	15.16	50.08	32.83	9.26	8.06	6.5	3.611	112.7
243	7/4/2013 22:00:50	14.96	50.19	32.90	9.22	8.05	5.4	3.638	111.8
244	7/4/2013 22:15:50	15.43	50.30	32.99	8.93	8.05	7.0	3.657	109.4
245	7/4/2013 22:30:50	15.19	50.26	32.96	8.93	8.04	6.8	3.636	108.8
246	7/4/2013 22:45:50	15.06	50.29	32.98	9.01	8.04	7.0	3.611	109.5
247	7/4/2013 23:00:50	15.19	50.23	32.94	9.01	8.05	6.5	3.566	109.8
248	7/4/2013 23:15:50	15.36	50.16	32.89	8.97	8.05	9.7	3.506	109.6
249	7/4/2013 23:30:50	15.46	50.27	32.97	8.94	8.05	10.2	3.434	109.5
250	7/4/2013 23:45:50	15.56	50.19	32.91	8.86	8.05	14.7	3.346	108.7
251	7/5/2013 0:00:50	17.13	50.45	33.13	8.19	8.07	15.7	3.246	103.7
252	7/5/2013 0:15:50	17.69	50.17	32.93	8.12	8.08	13.1	3.159	103.9
253	7/5/2013 0:30:50	17.94	50.37	33.08	8.15	8.09	14.3	3.059	104.8
254	7/5/2013 0:45:50	18.14	50.37	33.07	8.13	8.09	13.6	2.955	105.0
255	7/5/2013 1:00:50	18.53	50.20	32.96	7.95	8.09	14.5	2.846	103.4
256	7/5/2013 1:15:50	18.80	50.51	33.18	7.90	8.10	16.2	2.750	103.3
257	7/5/2013 1:30:50	19.03	50.55	33.21	7.74	8.10	17.8	2.649	101.7
258	7/5/2013 1:45:50	18.75	50.46	33.14	7.91	8.10	16.5	2.532	103.4
259	7/5/2013 2:00:50	18.25	50.45	33.14	8.03	8.09	16.5	2.424	104.0
260	7/5/2013 2:15:50	18.55	50.53	33.20	7.91	8.10	16.6	2.298	102.9
261	7/5/2013 2:30:50	18.87	50.30	33.03	7.79	8.10	16.1	2.183	101.9
262	7/5/2013 2:45:50	18.85	50.42	33.11	7.74	8.09	16.4	2.064	101.3
263	7/5/2013 3:00:50	19.02	50.57	33.23	7.68	8.09	15.9	1.934	100.9
264	7/5/2013 3:15:50	19.15	50.36	33.08	7.64	8.09	15.9	1.827	100.5

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
265	7/5/2013 3:30:50	19.36	50.19	32.95	7.56	8.10	15.0	1.723	99.8
266	7/5/2013 3:45:50	19.76	50.64	33.28	7.53	8.11	13.3	1.628	100.3
267	7/5/2013 4:00:50	19.94	50.54	33.21	7.55	8.12	14.0	1.529	100.8
268	7/5/2013 4:15:50	20.06	50.55	33.21	7.46	8.11	12.6	1.440	100.0
269	7/5/2013 4:30:50	20.18	50.61	33.25	7.45	8.12	11.5	1.384	100.0
270	7/5/2013 4:45:50	20.30	50.73	33.34	7.48	8.13	11.7	1.364	100.7
271	7/5/2013 5:00:50	20.34	50.72	33.33	7.39	8.12	10.2	1.338	99.6
272	7/5/2013 5:15:50	20.21	50.61	33.25	7.16	8.11	8.9	1.349	96.2
273	7/5/2013 5:30:50	20.28	50.74	33.35	7.46	8.12	9.8	1.402	100.4
274	7/5/2013 5:45:50	20.12	50.56	33.22	7.36	8.11	11.2	1.427	98.7
275	7/5/2013 6:00:50	20.27	50.54	33.21	7.43	8.12	9.9	1.461	99.8
276	7/5/2013 6:15:50	20.39	50.76	33.37	7.54	8.14	9.7	1.542	101.7
277	7/5/2013 6:30:50	20.35	50.72	33.33	7.53	8.13	9.5	1.612	101.5
278	7/5/2013 6:45:50	20.42	50.64	33.28	7.22	8.10	12.6	1.659	97.3
279	7/5/2013 7:00:50	20.60	50.43	33.12	6.89	8.08	16.6	1.743	93.1
280	7/5/2013 7:15:50	20.43	50.46	33.14	7.04	8.09	15.4	1.809	94.9
281	7/5/2013 7:30:50	20.35	50.67	33.29	7.09	8.09	14.9	1.896	95.5
282	7/5/2013 7:45:50	20.14	50.53	33.20	7.14	8.09	13.7	1.978	95.7
283	7/5/2013 8:00:50	20.03	50.62	33.26	7.15	8.09	12.2	2.047	95.7
284	7/5/2013 8:15:50	19.98	50.60	33.24	7.15	8.09	12.8	2.135	95.7
285	7/5/2013 8:30:50	19.76	50.65	33.28	7.23	8.08	13.9	2.223	96.4
286	7/5/2013 8:45:50	19.39	50.53	33.20	7.31	8.07	14.1	2.305	96.7
287	7/5/2013 9:00:50	19.24	50.31	33.04	7.38	8.07	12.0	2.375	97.3
288	7/5/2013 9:15:50	19.13	50.37	33.08	7.42	8.07	12.3	2.459	97.6
289	7/5/2013 9:30:50	19.02	50.41	33.11	7.46	8.06	12.0	2.543	98.0
290	7/5/2013 9:45:50	18.96	50.49	33.17	7.51	8.07	12.6	2.607	98.6
291	7/5/2013 10:00:50	18.75	50.50	33.18	7.59	8.06	12.7	2.673	99.2
292	7/5/2013 10:15:50	18.54	50.35	33.07	7.70	8.06	12.9	2.742	100.2
293	7/5/2013 10:30:50	18.33	50.42	33.12	7.69	8.06	13.6	2.814	99.6
294	7/5/2013 10:45:50	17.84	50.37	33.08	7.88	8.05	13.7	2.867	101.2
295	7/5/2013 11:00:50	17.64	50.31	33.03	7.98	8.05	12.3	2.913	102.0
296	7/5/2013 11:15:50	17.41	50.19	32.94	8.03	8.05	10.9	2.972	102.2
297	7/5/2013 11:30:50	17.16	50.16	32.92	8.10	8.04	9.7	3.003	102.5
298	7/5/2013 11:45:50	16.99	50.33	33.04	8.05	8.04	7.3	3.029	101.6
299	7/5/2013 12:00:50	16.82	50.15	32.91	7.90	8.02	6.4	3.050	99.3
300	7/5/2013 12:15:50	17.13	50.28	33.00	7.85	8.04	9.1	3.055	99.4
301	7/5/2013 12:30:50	16.64	50.32	33.03	7.84	8.01	7.3	3.050	98.3
302	7/5/2013 12:45:50	16.79	50.29	33.01	7.92	8.02	9.1	3.005	99.7
303	7/5/2013 13:00:50	17.34	50.30	33.02	7.87	8.04	11.0	2.976	100.0
304	7/5/2013 13:15:50	18.05	50.27	33.00	8.05	8.07	15.9	2.920	103.7
305	7/5/2013 13:30:50	18.23	50.33	33.05	8.22	8.08	17.8	2.882	106.3
306	7/5/2013 13:45:50	18.42	50.41	33.11	8.29	8.08	19.5	2.807	107.6
307	7/5/2013 14:00:50	18.50	50.40	33.10	8.20	8.08	19.5	2.751	106.6
308	7/5/2013 14:15:50	18.63	50.32	33.04	8.23	8.09	21.3	2.693	107.2
309	7/5/2013 14:30:50	18.82	50.36	33.07	8.15	8.09	22.3	2.634	106.6
310	7/5/2013 14:45:50	19.03	50.46	33.15	8.09	8.09	21.3	2.587	106.3
311	7/5/2013 15:00:50	19.27	50.36	33.08	8.08	8.10	23.6	2.535	106.6
312	7/5/2013 15:15:50	19.56	50.57	33.23	7.95	8.10	24.5	2.484	105.5
313	7/5/2013 15:30:50	19.76	50.54	33.21	7.88	8.10	20.3	2.449	104.9
314	7/5/2013 15:45:50	19.88	50.43	33.13	7.89	8.11	23.8	2.415	105.2
315	7/5/2013 16:00:50	19.95	50.61	33.25	7.63	8.10	18.4	2.400	102.1
316	7/5/2013 16:15:50	20.00	50.46	33.14	7.55	8.09	20.8	2.370	101.0
317	7/5/2013 16:30:50	20.03	50.59	33.24	7.48	8.08	15.9	2.357	100.2

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
318	7/5/2013 16:45:50	20.14	50.60	33.25	7.58	8.10	15.3	2.371	101.7
319	7/5/2013 17:00:50	19.99	50.58	33.24	8.02	8.12	15.8	2.351	107.3
320	7/5/2013 17:15:50	20.03	50.38	33.08	8.02	8.11	15.4	2.382	107.2
321	7/5/2013 17:30:50	20.18	50.53	33.20	7.96	8.12	14.8	2.400	106.8
322	7/5/2013 17:45:50	20.07	50.54	33.21	8.16	8.12	14.6	2.452	109.4
323	7/5/2013 18:00:50	20.24	50.61	33.26	8.27	8.14	16.3	2.494	111.1
324	7/5/2013 18:15:50	20.22	50.49	33.16	8.26	8.14	14.9	2.529	110.9
325	7/5/2013 18:30:50	19.80	50.43	33.12	8.14	8.11	14.8	2.597	108.5
326	7/5/2013 18:45:50	20.07	50.62	33.26	8.44	8.13	16.1	2.657	113.1
327	7/5/2013 19:00:50	19.86	50.46	33.15	8.38	8.12	16.1	2.723	111.7
328	7/5/2013 19:15:50	19.51	50.54	33.21	8.44	8.11	17.0	2.780	111.9
329	7/5/2013 19:30:50	18.92	50.21	32.97	8.29	8.09	19.2	2.855	108.5
330	7/5/2013 19:45:50	18.31	50.44	33.13	8.34	8.08	15.0	2.928	108.1
331	7/5/2013 20:00:50	17.04	50.31	33.02	8.37	8.05	17.6	3.000	105.7
332	7/5/2013 20:15:50	16.65	50.38	33.07	8.43	8.04	16.3	3.078	105.8
333	7/5/2013 20:30:50	16.21	50.31	33.02	8.52	8.04	14.1	3.151	105.9
334	7/5/2013 20:45:50	15.55	50.24	32.95	8.56	8.02	16.2	3.244	105.1
335	7/5/2013 21:00:50	15.60	50.37	33.05	8.76	8.03	15.7	3.310	107.7
336	7/5/2013 21:15:50	15.35	50.33	33.01	8.96	8.04	17.1	3.384	109.6
337	7/5/2013 21:30:50	14.87	50.39	33.04	9.32	8.04	15.5	3.455	112.9
338	7/5/2013 21:45:50	14.73	50.38	33.04	9.43	8.04	13.0	3.519	113.9
339	7/5/2013 22:00:50	14.62	50.30	32.97	9.48	8.05	10.9	3.583	114.2
340	7/5/2013 22:15:50	14.45	50.25	32.93	9.51	8.04	10.0	3.624	114.2
341	7/5/2013 22:30:50	14.15	50.35	32.99	9.45	8.03	6.0	3.659	112.8
342	7/5/2013 22:45:50	14.07	50.14	32.84	9.31	8.02	5.0	3.681	110.8
343	7/5/2013 23:00:50	14.42	50.34	32.99	9.15	8.03	7.5	3.688	109.8
344	7/5/2013 23:15:50	14.11	50.31	32.96	9.13	8.01	7.3	3.673	108.9
345	7/5/2013 23:30:50	14.14	50.37	33.01	9.18	8.02	8.1	3.633	109.5
346	7/5/2013 23:45:50	14.91	50.41	33.06	8.87	8.03	13.5	3.580	107.6
347	7/6/2013 0:00:50	14.80	50.58	33.18	8.99	8.04	12.3	3.514	108.9
348	7/6/2013 0:15:50	15.01	50.37	33.03	8.97	8.05	11.1	3.427	108.9
349	7/6/2013 0:30:50	16.13	50.53	33.17	8.57	8.06	12.1	3.341	106.5
350	7/6/2013 0:45:50	16.51	50.45	33.12	8.37	8.06	15.1	3.242	104.7
351	7/6/2013 1:00:50	16.86	50.44	33.12	8.16	8.06	14.5	3.150	102.8
352	7/6/2013 1:15:50	17.06	50.34	33.05	8.19	8.06	16.2	3.052	103.6
353	7/6/2013 1:30:50	17.53	50.39	33.08	8.10	8.07	15.5	2.944	103.4
354	7/6/2013 1:45:50	17.82	50.56	33.21	7.86	8.07	16.8	2.833	101.0
355	7/6/2013 2:00:50	18.13	50.58	33.23	7.54	8.06	19.0	2.736	97.5
356	7/6/2013 2:15:50	18.55	50.60	33.25	7.76	8.08	19.0	2.626	101.1
357	7/6/2013 2:30:50	17.98	50.58	33.23	7.61	8.06	21.4	2.501	98.1
358	7/6/2013 2:45:50	17.54	50.53	33.19	7.75	8.06	20.5	2.383	99.0
359	7/6/2013 3:00:50	17.92	50.51	33.18	7.78	8.08	20.2	2.264	100.1
360	7/6/2013 3:15:50	18.76	50.55	33.21	7.62	8.09	20.8	2.143	99.6
361	7/6/2013 3:30:50	18.30	50.43	33.12	7.62	8.08	18.4	1.993	98.7
362	7/6/2013 3:45:50	18.73	50.49	33.16	7.46	8.08	22.7	1.884	97.4
363	7/6/2013 4:00:50	18.84	50.61	33.26	7.38	8.08	19.0	1.762	96.6
364	7/6/2013 4:15:50	19.11	50.65	33.28	7.24	8.08	18.6	1.655	95.3
365	7/6/2013 4:30:50	19.43	50.68	33.31	7.13	8.09	19.4	1.549	94.4
366	7/6/2013 4:45:50	19.62	50.70	33.32	7.00	8.09	17.7	1.465	93.0
367	7/6/2013 5:00:50	19.77	50.83	33.42	6.95	8.09	16.9	1.399	92.7
368	7/6/2013 5:15:50	19.90	50.75	33.36	6.89	8.09	16.2	1.316	92.1
369	7/6/2013 5:30:50	19.86	50.71	33.33	6.85	8.09	15.3	1.313	91.5
370	7/6/2013 5:45:50	19.99	50.72	33.34	6.85	8.09	15.6	1.283	91.6

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
371	7/6/2013 6:00:50	19.73	50.68	33.31	6.78	8.08	12.9	1.299	90.3
372	7/6/2013 6:15:50	19.85	50.86	33.44	6.84	8.09	12.3	1.334	91.4
373	7/6/2013 6:30:50	19.97	50.64	33.28	6.88	8.10	10.6	1.365	92.1
374	7/6/2013 6:45:50	19.97	50.79	33.39	6.89	8.10	11.3	1.431	92.3
375	7/6/2013 7:00:50	19.98	50.80	33.40	6.92	8.10	12.0	1.490	92.7
376	7/6/2013 7:15:50	19.92	50.58	33.24	6.91	8.10	12.9	1.572	92.3
377	7/6/2013 7:30:50	19.92	50.78	33.38	6.84	8.09	13.1	1.646	91.4
378	7/6/2013 7:45:50	20.06	50.78	33.38	6.54	8.05	17.7	1.732	87.7
379	7/6/2013 8:00:50	20.10	50.75	33.35	6.42	8.05	18.0	1.816	86.1
380	7/6/2013 8:15:50	19.92	50.78	33.38	6.66	8.07	17.3	1.894	89.1
381	7/6/2013 8:30:50	19.81	50.80	33.40	6.71	8.07	16.7	1.985	89.5
382	7/6/2013 8:45:50	19.77	50.74	33.35	6.72	8.07	15.5	2.078	89.6
383	7/6/2013 9:00:50	19.52	50.52	33.19	6.83	8.07	17.7	2.170	90.6
384	7/6/2013 9:15:50	19.32	50.57	33.23	6.94	8.07	16.6	2.244	91.7
385	7/6/2013 9:30:50	19.10	50.55	33.22	7.12	8.06	15.2	2.326	93.7
386	7/6/2013 9:45:50	18.95	50.57	33.23	7.23	8.07	15.3	2.415	94.9
387	7/6/2013 10:00:50	18.72	50.61	33.25	7.40	8.07	15.2	2.486	96.7
388	7/6/2013 10:15:50	18.63	50.47	33.16	7.46	8.07	14.0	2.575	97.3
389	7/6/2013 10:30:50	18.37	50.44	33.13	7.57	8.07	15.3	2.641	98.2
390	7/6/2013 10:45:50	18.15	50.51	33.18	7.63	8.06	14.4	2.707	98.6
391	7/6/2013 11:00:50	17.86	50.49	33.17	7.67	8.05	16.7	2.786	98.6
392	7/6/2013 11:15:50	17.44	50.29	33.01	7.98	8.05	17.5	2.843	101.6
393	7/6/2013 11:30:50	17.17	50.25	32.98	8.12	8.05	15.1	2.909	102.8
394	7/6/2013 11:45:50	16.99	50.43	33.11	8.12	8.05	13.8	2.956	102.6
395	7/6/2013 12:00:50	16.74	50.39	33.08	8.26	8.05	13.4	3.023	103.8
396	7/6/2013 12:15:50	16.24	50.32	33.02	8.35	8.04	12.2	3.048	104.0
397	7/6/2013 12:30:50	16.05	50.35	33.04	8.38	8.03	8.4	3.066	103.9
398	7/6/2013 12:45:50	15.92	50.32	33.02	8.33	8.03	7.5	3.096	103.1
399	7/6/2013 13:00:50	16.21	50.23	32.96	8.19	8.03	9.1	3.101	101.8
400	7/6/2013 13:15:50	15.88	50.25	32.96	8.35	8.02	9.5	3.079	103.1
401	7/6/2013 13:30:50	16.06	50.35	33.04	8.31	8.03	10.9	3.046	103.1
402	7/6/2013 13:45:50	16.37	50.22	32.95	8.21	8.03	12.3	3.000	102.3
403	7/6/2013 14:00:50	17.28	50.18	32.93	8.29	8.07	11.9	2.954	105.2
404	7/6/2013 14:15:50	17.50	50.27	33.00	8.50	8.08	13.1	2.885	108.4
405	7/6/2013 14:30:50	17.81	50.40	33.10	8.56	8.09	14.5	2.819	109.8
406	7/6/2013 14:45:50	18.11	50.47	33.15	8.90	8.11	15.4	2.758	114.8
407	7/6/2013 15:00:50	18.28	50.42	33.12	8.90	8.11	15.8	2.689	115.3
408	7/6/2013 15:15:50	18.52	50.30	33.03	9.06	8.12	13.1	2.628	117.8
409	7/6/2013 15:30:50	18.81	50.45	33.14	8.99	8.13	13.6	2.572	117.6
410	7/6/2013 15:45:50	19.06	50.63	33.27	8.82	8.13	13.6	2.519	116.0
411	7/6/2013 16:00:50	19.23	50.52	33.19	8.95	8.14	13.3	2.475	118.1
412	7/6/2013 16:15:50	19.36	50.50	33.18	9.05	8.15	13.4	2.430	119.7
413	7/6/2013 16:30:50	19.59	50.48	33.16	8.97	8.15	11.8	2.384	119.0
414	7/6/2013 16:45:50	19.77	50.43	33.12	8.88	8.15	12.2	2.361	118.2
415	7/6/2013 17:00:50	19.88	50.58	33.23	8.96	8.16	11.0	2.347	119.6
416	7/6/2013 17:15:50	20.05	50.67	33.30	8.98	8.16	10.2	2.325	120.2
417	7/6/2013 17:30:50	20.12	50.61	33.26	8.76	8.15	12.2	2.314	117.5
418	7/6/2013 17:45:50	19.90	50.57	33.23	9.60	8.18	12.8	2.352	128.1
419	7/6/2013 18:00:50	20.08	50.61	33.26	9.18	8.17	11.5	2.366	123.0
420	7/6/2013 18:15:50	20.05	50.70	33.32	9.14	8.17	10.3	2.388	122.5
421	7/6/2013 18:30:50	20.14	50.53	33.20	9.04	8.18	10.8	2.434	121.2
422	7/6/2013 18:45:50	19.97	50.63	33.27	8.98	8.16	12.1	2.494	120.2
423	7/6/2013 19:00:50	19.68	50.26	33.00	8.96	8.15	12.5	2.549	118.9

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
424	7/6/2013 19:15:50	19.86	50.55	33.21	9.18	8.16	12.5	2.604	122.5
425	7/6/2013 19:30:50	19.37	50.48	33.16	9.01	8.14	11.2	2.668	119.1
426	7/6/2013 19:45:50	19.06	50.55	33.21	8.84	8.13	12.2	2.753	116.2
427	7/6/2013 20:00:50	18.32	50.45	33.14	8.75	8.10	13.3	2.820	113.3
428	7/6/2013 20:15:50	17.57	50.48	33.15	8.80	8.09	13.9	2.886	112.4
429	7/6/2013 20:30:50	17.01	50.38	33.08	8.85	8.07	13.6	2.956	111.8
430	7/6/2013 20:45:50	16.78	50.40	33.09	8.88	8.07	13.1	3.047	111.7
431	7/6/2013 21:00:50	16.47	50.42	33.10	8.96	8.07	13.0	3.116	112.1
432	7/6/2013 21:15:50	16.12	50.45	33.12	8.99	8.06	11.8	3.188	111.7
433	7/6/2013 21:30:51	15.93	50.48	33.13	9.16	8.06	12.1	3.273	113.3
434	7/6/2013 21:45:51	15.55	50.52	33.16	9.53	8.07	12.8	3.353	117.1
435	7/6/2013 22:00:50	15.01	50.33	33.00	9.71	8.06	12.7	3.430	118.0
436	7/6/2013 22:15:51	14.72	50.56	33.17	9.76	8.06	11.1	3.485	117.9
437	7/6/2013 22:30:50	14.49	50.37	33.02	9.75	8.05	8.8	3.558	117.2
438	7/6/2013 22:45:50	14.16	50.47	33.09	9.79	8.05	8.6	3.611	116.9
439	7/6/2013 23:00:50	13.87	50.34	32.98	9.71	8.03	7.3	3.640	115.3
440	7/6/2013 23:15:50	13.66	50.43	33.04	9.67	8.03	6.8	3.664	114.3
441	7/6/2013 23:30:50	14.48	50.41	33.05	9.54	8.05	9.5	3.682	114.6
442	7/6/2013 23:45:50	13.74	50.45	33.06	9.51	8.02	5.6	3.686	112.6
443	7/7/2013 0:00:50	13.76	50.46	33.06	9.48	8.01	8.0	3.641	112.3
444	7/7/2013 0:15:50	13.90	50.47	33.08	9.41	8.02	8.1	3.605	111.8
445	7/7/2013 0:30:50	14.77	50.56	33.17	9.13	8.05	9.9	3.551	110.4
446	7/7/2013 0:45:50	15.33	50.47	33.12	9.04	8.05	10.2	3.472	110.6
447	7/7/2013 1:00:50	15.25	50.37	33.04	9.02	8.05	10.3	3.382	110.1
448	7/7/2013 1:15:50	15.37	50.44	33.09	9.03	8.07	11.3	3.285	110.5
449	7/7/2013 1:30:50	16.43	50.32	33.03	9.06	8.10	12.8	3.178	113.2
450	7/7/2013 1:45:50	16.68	50.50	33.16	9.15	8.11	11.9	3.091	114.9
451	7/7/2013 2:00:50	16.93	50.50	33.16	9.05	8.12	11.7	2.993	114.3
452	7/7/2013 2:15:50	17.22	50.51	33.17	8.92	8.11	13.6	2.876	113.2
453	7/7/2013 2:30:50	17.48	50.47	33.15	8.77	8.12	15.1	2.774	111.9
454	7/7/2013 2:45:50	17.97	50.46	33.14	8.62	8.11	13.7	2.670	111.0
455	7/7/2013 3:00:50	18.30	50.54	33.20	8.47	8.12	17.8	2.563	109.8
456	7/7/2013 3:15:50	18.20	50.54	33.20	8.50	8.12	19.6	2.432	109.9
457	7/7/2013 3:30:50	18.01	50.59	33.24	8.39	8.10	19.5	2.298	108.2
458	7/7/2013 3:45:50	18.44	50.46	33.14	8.27	8.11	18.1	2.187	107.5
459	7/7/2013 4:00:50	18.14	50.58	33.23	8.19	8.10	15.6	2.065	105.8
460	7/7/2013 4:15:50	18.47	50.66	33.29	8.11	8.10	18.3	1.918	105.5
461	7/7/2013 4:30:50	18.34	50.64	33.28	8.06	8.10	17.1	1.803	104.6
462	7/7/2013 4:45:50	18.80	50.62	33.26	7.94	8.11	16.9	1.689	103.9
463	7/7/2013 5:00:50	19.04	50.61	33.26	7.84	8.11	16.2	1.567	103.0
464	7/7/2013 5:15:50	19.34	50.78	33.38	7.80	8.12	16.5	1.456	103.2
465	7/7/2013 5:30:50	19.61	50.75	33.36	7.75	8.13	14.2	1.398	103.0
466	7/7/2013 5:45:50	19.63	50.59	33.24	7.69	8.12	13.3	1.321	102.3
467	7/7/2013 6:00:50	19.74	50.68	33.31	7.61	8.12	16.3	1.258	101.3
468	7/7/2013 6:15:50	19.88	50.86	33.44	7.69	8.14	13.7	1.281	102.7
469	7/7/2013 6:30:50	19.55	50.84	33.43	7.55	8.12	12.9	1.270	100.3
470	7/7/2013 6:45:50	19.80	50.72	33.33	7.65	8.13	10.7	1.299	102.1
471	7/7/2013 7:00:50	19.79	50.80	33.40	7.62	8.13	10.6	1.339	101.6
472	7/7/2013 7:15:50	19.86	50.74	33.35	7.66	8.14	10.8	1.432	102.3
473	7/7/2013 7:30:50	19.94	50.76	33.37	7.71	8.14	9.7	1.490	103.1
474	7/7/2013 7:45:50	19.88	50.76	33.37	7.66	8.14	10.1	1.557	102.3
475	7/7/2013 8:00:50	20.13	50.74	33.35	7.07	8.10	14.7	1.649	94.8
476	7/7/2013 8:15:50	20.15	50.62	33.26	6.94	8.16	16.2	1.723	93.1

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
477	7/7/2013 8:30:50	20.03	50.72	33.34	7.03	8.15	16.7	1.805	94.2
478	7/7/2013 8:45:50	19.70	50.67	33.30	7.30	8.13	14.7	1.886	97.2
479	7/7/2013 9:00:50	19.57	50.61	33.26	7.34	8.16	14.7	1.973	97.5
480	7/7/2013 9:15:50	19.48	50.85	33.43	7.35	8.14	14.5	2.061	97.5
481	7/7/2013 9:30:50	19.34	50.66	33.29	7.43	8.18	14.6	2.148	98.2
482	7/7/2013 9:45:50	19.11	50.58	33.24	7.51	8.15	15.3	2.239	98.9
483	7/7/2013 10:00:50	18.94	50.72	33.34	7.62	8.18	13.9	2.331	100.0
484	7/7/2013 10:15:50	18.81	50.64	33.28	7.72	8.19	13.6	2.419	101.1
485	7/7/2013 10:30:50	18.66	50.57	33.23	7.82	8.16	14.4	2.507	102.0
486	7/7/2013 10:45:50	18.49	50.52	33.19	7.90	8.13	14.7	2.583	102.7
487	7/7/2013 11:00:50	18.22	50.29	33.02	8.03	8.12	14.8	2.669	103.8
488	7/7/2013 11:15:50	18.02	50.56	33.21	8.07	8.13	14.2	2.741	104.0
489	7/7/2013 11:30:50	17.78	50.50	33.17	8.06	8.12	14.6	2.809	103.4
490	7/7/2013 11:45:50	17.33	50.42	33.11	8.29	8.14	15.6	2.868	105.5
491	7/7/2013 12:00:50	17.04	50.50	33.16	8.41	8.11	15.3	2.942	106.4
492	7/7/2013 12:15:50	16.76	50.34	33.05	8.51	8.12	15.3	2.998	107.0
493	7/7/2013 12:30:50	16.31	50.47	33.13	8.63	8.09	13.1	3.043	107.6
494	7/7/2013 12:45:50	15.82	50.42	33.09	8.73	8.08	12.7	3.097	107.8
495	7/7/2013 13:00:50	15.52	50.24	32.95	8.85	8.09	11.7	3.140	108.6
496	7/7/2013 13:15:50	15.32	50.44	33.09	8.87	8.13	10.0	3.160	108.4
497	7/7/2013 13:30:50	15.89	50.38	33.06	8.79	8.12	10.8	3.162	108.7
498	7/7/2013 13:45:50	15.45	50.38	33.05	8.67	8.10	11.3	3.152	106.2
499	7/7/2013 14:00:50	15.40	50.40	33.06	8.86	8.10	11.7	3.143	108.5
500	7/7/2013 14:15:50	15.62	50.40	33.07	8.59	8.08	11.8	3.088	105.7
501	7/7/2013 14:30:50	16.86	50.26	32.99	8.80	8.13	11.8	3.032	110.8
502	7/7/2013 14:45:50	17.10	50.42	33.10	8.98	8.19	12.5	2.975	113.6
503	7/7/2013 15:00:51	17.35	50.54	33.20	9.04	8.16	12.7	2.908	115.0
504	7/7/2013 15:15:50	17.64	50.49	33.16	9.39	8.17	13.3	2.836	120.1
505	7/7/2013 15:30:50	17.83	50.53	33.19	9.54	8.18	12.7	2.759	122.6
506	7/7/2013 15:45:50	18.24	50.47	33.15	9.51	8.18	12.5	2.696	123.1
507	7/7/2013 16:00:50	18.00	50.44	33.13	9.68	8.18	12.7	2.630	124.7
508	7/7/2013 16:15:50	18.33	50.53	33.19	9.60	8.22	11.5	2.563	124.5
509	7/7/2013 16:30:50	18.43	50.40	33.10	9.77	8.19	11.5	2.513	126.9
510	7/7/2013 16:45:50	18.77	50.56	33.22	9.77	8.21	12.3	2.463	127.8
511	7/7/2013 17:00:50	18.91	50.53	33.20	9.93	8.22	12.0	2.420	130.2
512	7/7/2013 17:15:50	19.19	50.40	33.10	9.77	8.23	12.2	2.379	128.7
513	7/7/2013 17:30:50	19.52	50.57	33.23	9.64	8.22	10.8	2.350	127.8
514	7/7/2013 17:45:50	19.60	50.58	33.23	9.61	8.22	10.5	2.347	127.6
515	7/7/2013 18:00:50	19.69	50.53	33.20	9.56	8.23	10.1	2.326	127.2
516	7/7/2013 18:15:50	19.39	50.60	33.25	10.01	8.22	10.3	2.329	132.4
517	7/7/2013 18:30:50	19.69	50.70	33.32	9.69	8.23	10.0	2.348	129.0
518	7/7/2013 18:45:50	19.75	50.56	33.22	9.50	8.23	9.5	2.390	126.5
519	7/7/2013 19:00:50	19.73	50.70	33.32	9.38	8.21	10.0	2.422	124.9
520	7/7/2013 19:15:50	19.75	50.68	33.31	9.33	8.21	10.6	2.472	124.3
521	7/7/2013 19:30:50	19.46	50.51	33.18	9.21	8.22	11.7	2.532	121.9
522	7/7/2013 19:45:50	19.63	50.45	33.14	9.45	8.21	12.3	2.599	125.5
523	7/7/2013 20:00:50	19.29	50.57	33.22	9.41	8.22	11.6	2.659	124.2
524	7/7/2013 20:15:50	18.99	50.65	33.28	9.41	8.23	11.3	2.725	123.6
525	7/7/2013 20:30:50	18.37	50.48	33.16	9.22	8.20	12.1	2.803	119.6
526	7/7/2013 20:45:50	17.65	50.58	33.23	9.17	8.20	12.9	2.869	117.4
527	7/7/2013 21:00:50	17.31	50.47	33.14	9.23	8.17	13.5	2.941	117.3
528	7/7/2013 21:15:50	16.75	50.46	33.13	9.18	8.17	11.7	3.019	115.4
529	7/7/2013 21:30:50	16.34	50.42	33.10	9.17	8.16	10.8	3.091	114.4

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
530	7/7/2013 21:45:50	16.02	50.50	33.15	9.17	8.15	11.3	3.178	113.7
531	7/7/2013 22:00:51	15.68	50.44	33.10	9.34	8.16	11.9	3.261	115.0
532	7/7/2013 22:15:50	15.03	50.39	33.05	9.64	8.15	13.3	3.341	117.1
533	7/7/2013 22:30:51	14.49	50.53	33.14	9.72	8.15	13.0	3.418	116.9
534	7/7/2013 22:45:51	14.23	50.47	33.08	9.64	8.14	10.8	3.487	115.3
535	7/7/2013 23:00:50	13.89	50.38	33.01	9.59	8.12	9.6	3.552	113.8
536	7/7/2013 23:15:50	13.52	50.42	33.02	9.52	8.11	8.2	3.606	112.2
537	7/7/2013 23:30:50	13.35	50.43	33.03	9.46	8.11	7.2	3.659	111.1
538	7/7/2013 23:45:51	13.12	50.55	33.10	9.41	8.10	7.1	3.694	110.0
539	7/8/2013 0:00:51	13.15	50.51	33.07	9.36	8.08	6.0	3.711	109.5
540	7/8/2013 0:15:51	13.41	50.57	33.13	9.15	8.07	6.4	3.715	107.7
541	7/8/2013 0:30:50	13.20	50.41	33.01	9.18	8.08	6.4	3.705	107.5
542	7/8/2013 0:45:50	13.12	50.52	33.08	9.22	8.08	6.2	3.672	107.8
543	7/8/2013 1:00:50	14.79	50.45	33.08	9.15	8.13	11.3	3.608	110.7
544	7/8/2013 1:15:50	14.48	50.54	33.14	9.11	8.11	10.0	3.542	109.5
545	7/8/2013 1:30:50	14.05	50.55	33.14	9.16	8.10	10.2	3.475	109.2
546	7/8/2013 1:45:50	15.02	50.46	33.10	8.99	8.12	10.3	3.383	109.3
547	7/8/2013 2:00:50	15.64	50.49	33.13	9.00	8.13	13.6	3.276	110.8
548	7/8/2013 2:15:50	15.90	50.44	33.11	9.24	8.16	15.5	3.165	114.3
549	7/8/2013 2:30:50	16.25	50.49	33.14	9.13	8.16	14.3	3.074	113.8
550	7/8/2013 2:45:50	16.63	50.47	33.14	9.05	8.16	13.6	2.956	113.6
551	7/8/2013 3:00:50	17.07	50.50	33.17	8.88	8.17	14.7	2.841	112.4
552	7/8/2013 3:15:50	17.32	50.63	33.26	8.72	8.16	17.3	2.729	110.9
553	7/8/2013 3:30:50	17.79	50.60	33.25	8.48	8.16	19.2	2.605	108.9
554	7/8/2013 3:45:50	17.96	50.65	33.28	8.44	8.15	17.8	2.497	108.7
555	7/8/2013 4:00:50	18.09	50.62	33.26	8.35	8.15	19.2	2.360	107.9
556	7/8/2013 4:15:50	17.89	50.54	33.20	8.29	8.15	17.5	2.222	106.7
557	7/8/2013 4:30:50	17.13	50.58	33.22	8.37	8.14	17.3	2.099	106.1
558	7/8/2013 4:45:50	17.68	50.64	33.28	8.29	8.14	17.5	1.973	106.2
559	7/8/2013 5:00:50	17.80	50.69	33.31	8.19	8.14	18.8	1.841	105.1
560	7/8/2013 5:15:50	18.25	50.74	33.35	8.05	8.15	19.2	1.701	104.3
561	7/8/2013 5:30:50	18.69	50.68	33.30	7.99	8.16	16.9	1.605	104.4
562	7/8/2013 5:45:50	18.78	50.66	33.29	7.89	8.16	17.8	1.506	103.3
563	7/8/2013 6:00:50	19.10	50.79	33.39	7.77	8.14	15.9	1.402	102.4
564	7/8/2013 6:15:50	19.28	50.76	33.37	7.72	8.17	15.3	1.341	102.0
565	7/8/2013 6:30:50	19.35	50.58	33.24	7.69	8.16	14.1	1.290	101.7
566	7/8/2013 6:45:50	19.32	50.55	33.21	7.69	8.16	16.7	1.267	101.6
567	7/8/2013 7:00:50	19.38	50.88	33.45	7.30	8.14	11.6	1.268	96.7
568	7/8/2013 7:15:50	19.31	50.78	33.38	7.58	8.15	12.6	1.297	100.3
569	7/8/2013 7:30:50	19.40	50.63	33.27	7.57	8.14	11.3	1.348	100.2
570	7/8/2013 7:45:50	19.42	50.79	33.39	7.59	8.15	11.2	1.397	100.5
571	7/8/2013 8:00:50	19.44	50.52	33.19	7.66	8.15	10.3	1.477	101.4
572	7/8/2013 8:15:50	19.43	50.66	33.29	7.67	8.15	10.3	1.551	101.6
573	7/8/2013 8:30:50	19.58	50.76	33.37	7.27	8.10	13.1	1.625	96.6
574	7/8/2013 8:45:50	19.68	50.77	33.37	6.92	8.10	16.6	1.709	92.1
575	7/8/2013 9:00:50	19.54	50.74	33.35	7.05	8.12	15.5	1.803	93.6
576	7/8/2013 9:15:50	19.31	50.49	33.17	7.30	8.13	14.5	1.882	96.4
577	7/8/2013 9:30:50	19.15	50.77	33.38	7.37	8.12	13.1	1.971	97.1
578	7/8/2013 9:45:50	19.05	50.72	33.34	7.40	8.12	13.8	2.075	97.3
579	7/8/2013 10:00:50	18.98	50.65	33.29	7.40	8.13	15.1	2.160	97.2
580	7/8/2013 10:15:50	18.85	50.69	33.32	7.52	8.10	14.8	2.254	98.5
581	7/8/2013 10:30:50	18.69	50.80	33.39	7.70	8.13	15.2	2.346	100.6
582	7/8/2013 10:45:50	18.56	50.70	33.32	7.84	8.13	15.3	2.440	102.2

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
583	7/8/2013 11:00:50	18.34	50.57	33.23	8.05	8.13	15.6	2.532	104.4
584	7/8/2013 11:15:50	18.22	50.42	33.12	8.15	8.14	14.2	2.609	105.4
585	7/8/2013 11:30:50	17.98	50.60	33.25	8.30	8.14	15.6	2.689	106.9
586	7/8/2013 11:45:50	17.70	50.58	33.23	8.39	8.14	14.9	2.769	107.5
587	7/8/2013 12:00:50	17.40	50.46	33.14	8.39	8.13	16.6	2.844	106.9
588	7/8/2013 12:15:50	17.01	50.50	33.16	8.64	8.13	16.0	2.913	109.3
589	7/8/2013 12:30:50	16.75	50.37	33.06	8.78	8.14	14.5	2.984	110.4
590	7/8/2013 12:45:50	16.21	50.38	33.06	8.89	8.12	14.8	3.051	110.6
591	7/8/2013 13:00:50	15.69	50.48	33.13	8.89	8.10	14.8	3.099	109.5
592	7/8/2013 13:15:50	15.31	50.40	33.06	8.99	8.09	12.5	3.156	109.9
593	7/8/2013 13:30:50	15.03	50.43	33.08	9.12	8.10	10.6	3.192	110.9
594	7/8/2013 13:45:50	14.88	50.38	33.04	9.20	8.11	10.1	3.228	111.5
595	7/8/2013 14:00:50	14.94	50.43	33.08	9.09	8.10	8.6	3.244	110.3
596	7/8/2013 14:15:50	14.89	50.30	32.98	8.98	8.09	9.5	3.234	108.8
597	7/8/2013 14:30:50	14.86	50.52	33.14	8.99	8.09	9.7	3.212	108.9
598	7/8/2013 14:45:50	14.92	50.35	33.01	8.93	8.08	10.7	3.182	108.3
599	7/8/2013 15:00:50	15.33	50.35	33.02	8.98	8.10	13.5	3.123	109.7
600	7/8/2013 15:15:50	16.51	50.58	33.21	9.05	8.14	14.1	3.053	113.4
601	7/8/2013 15:30:50	17.22	50.52	33.18	9.24	8.15	15.6	2.991	117.3
602	7/8/2013 15:45:50	17.84	50.46	33.14	9.45	8.18	15.1	2.912	121.3
603	7/8/2013 16:00:50	17.92	50.53	33.20	9.72	8.19	15.6	2.818	125.0
604	7/8/2013 16:15:50	18.23	50.65	33.28	9.51	8.19	15.0	2.761	123.2
605	7/8/2013 16:30:50	18.10	50.46	33.15	9.75	8.19	15.8	2.697	125.8
606	7/8/2013 16:45:50	18.35	50.62	33.26	9.60	8.21	15.9	2.624	124.6
607	7/8/2013 17:00:50	18.46	50.33	33.05	9.76	8.21	15.9	2.559	126.7
608	7/8/2013 17:15:50	18.94	50.59	33.24	9.70	8.22	15.3	2.510	127.2
609	7/8/2013 17:30:50	19.06	50.67	33.30	9.83	8.22	14.7	2.464	129.3
610	7/8/2013 17:45:50	19.45	50.50	33.17	9.64	8.23	13.5	2.401	127.6
611	7/8/2013 18:00:50	19.36	50.49	33.17	9.71	8.24	13.3	2.374	128.3
612	7/8/2013 18:15:50	19.59	50.60	33.25	9.61	8.25	11.7	2.356	127.6
613	7/8/2013 18:30:50	19.77	50.62	33.26	9.66	8.25	11.2	2.339	128.7
614	7/8/2013 18:45:50	19.58	50.63	33.27	9.87	8.24	12.3	2.336	131.1
615	7/8/2013 19:00:50	19.78	50.72	33.34	9.75	8.25	9.8	2.344	130.0
616	7/8/2013 19:15:50	19.60	50.76	33.37	9.70	8.24	11.5	2.380	128.9
617	7/8/2013 19:30:50	19.54	50.48	33.16	9.73	8.23	12.0	2.409	129.1
618	7/8/2013 19:45:50	19.54	50.74	33.35	9.67	8.24	12.0	2.459	128.4
619	7/8/2013 20:00:50	19.42	50.59	33.24	9.53	8.23	12.1	2.515	126.2
620	7/8/2013 20:15:50	19.42	50.69	33.31	9.72	8.23	12.7	2.571	128.7
621	7/8/2013 20:30:50	19.15	50.55	33.21	9.64	8.23	11.9	2.648	126.9
622	7/8/2013 20:45:50	18.91	50.72	33.33	9.42	8.22	11.4	2.705	123.7
623	7/8/2013 21:00:50	18.55	50.56	33.22	9.36	8.21	12.2	2.772	121.9
624	7/8/2013 21:15:50	18.14	50.47	33.15	9.36	8.19	11.9	2.848	120.9
625	7/8/2013 21:30:50	17.72	50.55	33.21	9.47	8.19	12.3	2.927	121.4
626	7/8/2013 21:45:50	16.97	50.55	33.20	9.27	8.17	11.7	2.998	117.1
627	7/8/2013 22:00:50	16.41	50.48	33.14	9.22	8.15	10.9	3.073	115.2
628	7/8/2013 22:15:50	16.10	50.29	33.00	9.27	8.15	11.1	3.152	115.0
629	7/8/2013 22:30:50	15.41	50.56	33.18	9.37	8.12	11.6	3.230	114.8
630	7/8/2013 22:45:50	14.74	50.48	33.11	9.43	8.12	11.9	3.315	114.0
631	7/8/2013 23:00:51	14.25	50.59	33.17	9.40	8.07	11.8	3.384	112.5
632	7/8/2013 23:15:50	13.92	50.34	32.98	9.42	8.07	10.4	3.460	111.9
633	7/8/2013 23:30:50	13.52	50.42	33.02	9.37	8.06	9.7	3.529	110.4
634	7/8/2013 23:45:51	13.36	50.59	33.14	9.31	8.05	7.6	3.582	109.4
635	7/9/2013 0:00:50	13.14	50.45	33.03	9.29	8.05	7.8	3.635	108.6

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
636	7/9/2013 0:15:50	13.02	50.38	32.98	9.24	8.05	6.2	3.669	107.8
637	7/9/2013 0:30:50	12.98	50.45	33.03	9.12	8.04	5.0	3.687	106.3
638	7/9/2013 0:45:51	13.26	50.62	33.16	9.02	8.05	7.0	3.708	105.8
639	7/9/2013 1:00:50	13.07	50.50	33.07	8.92	8.03	6.2	3.697	104.2
640	7/9/2013 1:15:51	12.97	50.45	33.03	8.98	8.03	6.3	3.666	104.7
641	7/9/2013 1:30:51	13.47	50.63	33.18	8.89	8.05	7.8	3.628	104.7
642	7/9/2013 1:45:51	14.36	50.59	33.18	8.98	8.09	9.7	3.570	107.8
643	7/9/2013 2:00:51	14.49	50.54	33.14	8.95	8.10	10.9	3.486	107.7
644	7/9/2013 2:15:50	14.60	50.55	33.16	8.93	8.10	10.7	3.407	107.6
645	7/9/2013 2:30:50	15.15	50.31	32.99	8.93	8.12	12.0	3.306	108.8
646	7/9/2013 2:45:50	15.67	50.55	33.18	9.00	8.13	13.2	3.204	110.8
647	7/9/2013 3:00:50	15.99	50.52	33.17	9.02	8.15	13.7	3.098	111.7
648	7/9/2013 3:15:50	16.67	50.54	33.19	8.93	8.16	11.7	2.981	112.2
649	7/9/2013 3:30:51	16.69	50.62	33.25	8.84	8.17	14.5	2.876	111.1
650	7/9/2013 3:45:50	17.32	50.46	33.14	8.60	8.17	14.3	2.758	109.4
651	7/9/2013 4:00:50	17.72	50.65	33.28	8.38	8.17	16.9	2.640	107.4
652	7/9/2013 4:15:50	17.40	50.69	33.31	8.44	8.16	18.6	2.526	107.6
653	7/9/2013 4:30:50	17.50	50.65	33.28	8.44	8.14	17.8	2.407	107.8
654	7/9/2013 4:45:50	17.89	50.72	33.34	8.35	8.15	17.5	2.265	107.4
655	7/9/2013 5:00:50	17.84	50.67	33.30	8.29	8.16	19.4	2.150	106.5
656	7/9/2013 5:15:50	17.75	50.66	33.29	8.23	8.14	18.9	2.021	105.6
657	7/9/2013 5:30:50	17.95	50.74	33.35	8.13	8.15	18.8	1.881	104.8
658	7/9/2013 5:45:50	18.01	50.68	33.30	8.07	8.15	19.4	1.769	104.0
659	7/9/2013 6:00:50	18.66	50.84	33.43	7.94	8.16	18.4	1.658	103.7
660	7/9/2013 6:15:50	18.83	50.78	33.38	7.89	8.14	19.2	1.535	103.4
661	7/9/2013 6:30:50	18.99	50.68	33.31	7.83	8.16	16.9	1.462	102.9
662	7/9/2013 6:45:50	19.05	50.85	33.44	7.76	8.16	16.3	1.378	102.2
663	7/9/2013 7:00:50	19.23	50.87	33.45	7.67	8.16	16.4	1.323	101.3
664	7/9/2013 7:15:50	19.27	50.84	33.43	7.65	8.15	14.3	1.302	101.1
665	7/9/2013 7:30:50	19.18	50.60	33.25	7.38	8.15	12.6	1.307	97.2
666	7/9/2013 7:45:50	19.24	50.76	33.37	7.62	8.15	11.7	1.334	100.6
667	7/9/2013 8:00:50	19.26	50.81	33.41	7.62	8.16	10.9	1.377	100.7
668	7/9/2013 8:15:50	19.18	50.84	33.43	7.66	8.15	11.1	1.440	101.0
669	7/9/2013 8:30:50	19.32	50.89	33.46	7.69	8.18	10.4	1.521	101.7
670	7/9/2013 8:45:50	19.29	50.93	33.49	7.72	8.16	10.8	1.612	102.0
671	7/9/2013 9:00:50	19.41	50.70	33.32	7.24	8.11	15.1	1.668	95.9
672	7/9/2013 9:15:50	19.50	50.57	33.23	6.89	8.10	16.9	1.766	91.3
673	7/9/2013 9:30:50	19.40	50.72	33.34	7.00	8.10	16.1	1.857	92.7
674	7/9/2013 9:45:50	19.20	50.77	33.37	7.25	8.11	15.1	1.921	95.7
675	7/9/2013 10:00:50	19.06	50.73	33.34	7.43	8.13	14.1	2.021	97.7
676	7/9/2013 10:15:50	18.98	50.52	33.19	7.50	8.14	13.6	2.119	98.5
677	7/9/2013 10:30:50	18.86	50.62	33.26	7.52	8.13	14.8	2.203	98.5
678	7/9/2013 10:45:50	18.79	50.75	33.36	7.59	8.14	14.1	2.292	99.3
679	7/9/2013 11:00:50	18.61	50.64	33.28	7.94	8.15	14.8	2.397	103.6
680	7/9/2013 11:15:50	18.53	50.62	33.26	8.07	8.16	13.3	2.476	105.0
681	7/9/2013 11:30:50	18.35	50.66	33.29	8.26	8.18	14.3	2.563	107.1
682	7/9/2013 11:45:51	18.16	50.70	33.32	8.41	8.17	15.3	2.653	108.8
683	7/9/2013 12:00:51	17.94	50.76	33.37	8.49	8.18	14.4	2.730	109.4
684	7/9/2013 12:15:50	17.60	50.58	33.23	8.46	8.16	14.1	2.813	108.2
685	7/9/2013 12:30:50	17.21	50.38	33.08	8.55	8.16	17.1	2.887	108.4
686	7/9/2013 12:45:50	16.67	50.49	33.15	8.89	8.16	15.7	2.961	111.7
687	7/9/2013 13:00:50	16.47	50.45	33.12	8.99	8.14	15.1	3.039	112.5
688	7/9/2013 13:15:50	16.05	50.47	33.13	9.00	8.15	15.2	3.102	111.7

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
689	7/9/2013 13:30:50	15.44	50.20	32.92	8.98	8.12	14.4	3.162	110.0
690	7/9/2013 13:45:50	14.99	50.42	33.07	9.10	8.13	12.3	3.222	110.5
691	7/9/2013 14:00:51	14.75	50.56	33.17	9.19	8.13	10.3	3.266	111.2
692	7/9/2013 14:15:51	14.59	50.54	33.14	9.26	8.13	7.9	3.304	111.6
693	7/9/2013 14:30:51	15.24	50.42	33.08	9.23	8.13	9.8	3.313	112.7
694	7/9/2013 14:45:50	14.78	50.37	33.03	8.96	8.11	7.8	3.310	108.4
695	7/9/2013 15:00:50	14.69	50.51	33.13	9.20	8.12	9.5	3.297	111.1
696	7/9/2013 15:15:51	14.80	50.40	33.05	9.14	8.12	9.2	3.256	110.5
697	7/9/2013 15:30:50	15.66	50.47	33.12	9.19	8.14	11.4	3.187	113.2
698	7/9/2013 15:45:50	16.32	50.31	33.02	9.48	8.17	14.4	3.109	118.1
699	7/9/2013 16:00:50	16.55	50.48	33.14	9.75	8.19	14.9	3.054	122.2
700	7/9/2013 16:15:51	17.01	50.57	33.22	9.98	8.21	14.1	2.962	126.2
701	7/9/2013 16:30:50	17.30	50.58	33.22	10.14	8.22	14.2	2.880	129.0
702	7/9/2013 16:45:50	17.30	50.51	33.18	10.11	8.22	13.2	2.805	128.5
703	7/9/2013 17:00:50	17.68	50.44	33.13	10.05	8.22	12.5	2.733	128.7
704	7/9/2013 17:15:50	17.95	50.62	33.26	10.05	8.22	12.1	2.667	129.5
705	7/9/2013 17:30:51	18.14	50.67	33.30	10.13	8.25	12.3	2.601	130.9
706	7/9/2013 17:45:50	18.41	50.39	33.09	10.15	8.25	12.5	2.525	131.8
707	7/9/2013 18:00:50	18.88	50.71	33.33	10.11	8.26	11.8	2.490	132.5
708	7/9/2013 18:15:50	19.15	50.38	33.09	10.15	8.26	12.4	2.431	133.5
709	7/9/2013 18:30:50	19.43	50.75	33.36	10.01	8.27	11.2	2.387	132.6
710	7/9/2013 18:45:50	19.58	50.48	33.16	10.02	8.27	11.2	2.362	132.9
711	7/9/2013 19:00:50	19.82	50.53	33.20	10.05	8.27	10.4	2.324	134.0
712	7/9/2013 19:15:50	20.00	50.86	33.44	9.99	8.27	9.7	2.329	133.8
713	7/9/2013 19:30:50	19.96	50.61	33.25	9.74	8.26	9.0	2.330	130.3
714	7/9/2013 19:45:50	19.89	50.75	33.36	9.97	8.28	9.5	2.345	133.3
715	7/9/2013 20:00:50	19.84	50.76	33.37	9.90	8.27	9.5	2.366	132.2
716	7/9/2013 20:15:50	19.76	50.59	33.24	9.77	8.26	11.4	2.416	130.1
717	7/9/2013 20:30:50	19.76	50.65	33.29	9.65	8.26	11.0	2.465	128.6
718	7/9/2013 20:45:50	19.51	50.76	33.37	9.49	8.24	11.2	2.530	125.9
719	7/9/2013 21:00:50	19.72	50.59	33.24	9.49	8.23	12.8	2.594	126.4
720	7/9/2013 21:15:50	19.34	50.61	33.26	9.46	8.22	11.6	2.670	125.0
721	7/9/2013 21:30:50	19.00	50.57	33.23	9.52	8.21	11.3	2.740	125.1
722	7/9/2013 21:45:50	18.35	50.54	33.20	9.57	8.21	12.6	2.811	124.2
723	7/9/2013 22:00:50	17.97	50.61	33.26	9.55	8.21	12.3	2.883	123.1
724	7/9/2013 22:15:50	17.07	50.37	33.07	9.49	8.20	11.7	2.956	120.1
725	7/9/2013 22:30:50	16.60	50.33	33.04	9.45	8.18	11.7	3.031	118.4
726	7/9/2013 22:45:50	16.39	50.50	33.15	9.41	8.17	10.9	3.103	117.5
727	7/9/2013 23:00:50	15.92	50.38	33.06	9.50	8.16	10.9	3.174	117.5
728	7/9/2013 23:15:50	15.35	50.44	33.10	9.67	8.16	11.7	3.252	118.3
729	7/9/2013 23:30:50	14.89	50.32	33.00	9.83	8.15	12.6	3.325	119.0
730	7/9/2013 23:45:50	14.43	50.44	33.07	10.01	8.15	11.3	3.396	120.2
731	7/10/2013 0:00:50	14.11	50.44	33.06	10.16	8.15	10.6	3.458	121.2
732	7/10/2013 0:15:50	13.95	50.34	32.98	10.13	8.10	8.4	3.518	120.4
733	7/10/2013 0:30:51	13.70	50.58	33.14	10.19	8.15	7.6	3.573	120.6
734	7/10/2013 0:45:51	13.58	50.44	33.04	10.19	8.14	7.3	3.606	120.3
735	7/10/2013 1:00:50	13.44	50.33	32.96	10.23	8.14	6.3	3.637	120.3
736	7/10/2013 1:15:51	13.37	50.51	33.08	10.09	8.13	3.7	3.657	118.6
737	7/10/2013 1:30:50	13.70	50.42	33.03	9.93	8.13	5.9	3.666	117.5
738	7/10/2013 1:45:50	13.41	50.19	32.86	10.05	8.13	5.4	3.645	118.0
739	7/10/2013 2:00:50	13.33	50.45	33.04	10.23	8.13	6.2	3.604	120.2
740	7/10/2013 2:15:50	14.85	50.35	33.01	9.54	8.14	12.3	3.562	115.4
741	7/10/2013 2:30:50	14.50	50.46	33.09	9.70	8.15	10.0	3.496	116.7

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
742	7/10/2013 2:45:50	15.04	50.44	33.09	9.54	8.15	10.0	3.403	116.0
743	7/10/2013 3:00:50	15.46	50.47	33.12	9.44	8.15	11.1	3.313	115.7
744	7/10/2013 3:15:50	15.95	50.52	33.16	9.29	8.16	13.5	3.210	115.0
745	7/10/2013 3:30:50	16.16	50.36	33.05	9.28	8.16	12.6	3.119	115.3
746	7/10/2013 3:45:50	16.57	50.52	33.18	9.18	8.17	11.7	3.004	115.0
747	7/10/2013 4:00:51	16.76	50.65	33.27	9.07	8.17	13.6	2.886	114.2
748	7/10/2013 4:15:51	17.34	50.70	33.31	8.85	8.15	12.6	2.787	112.7
749	7/10/2013 4:30:50	17.73	50.66	33.29	8.65	8.17	15.1	2.673	111.0
750	7/10/2013 4:45:50	17.46	50.64	33.27	8.70	8.17	16.2	2.556	111.0
751	7/10/2013 5:00:50	17.93	50.64	33.28	8.60	8.17	16.9	2.422	110.8
752	7/10/2013 5:15:50	17.72	50.69	33.31	8.56	8.17	18.3	2.302	109.8
753	7/10/2013 5:30:50	17.63	50.61	33.25	8.57	8.17	16.2	2.178	109.7
754	7/10/2013 5:45:50	17.67	50.72	33.33	8.48	8.16	17.8	2.057	108.7
755	7/10/2013 6:00:51	17.97	50.71	33.32	8.35	8.16	17.7	1.923	107.6
756	7/10/2013 6:15:51	18.20	50.77	33.37	8.28	8.16	17.8	1.799	107.2
757	7/10/2013 6:30:50	18.51	50.51	33.19	8.14	8.17	17.3	1.695	105.9
758	7/10/2013 6:45:50	18.94	50.67	33.30	7.98	8.17	16.6	1.590	104.8
759	7/10/2013 7:00:50	19.19	50.83	33.42	7.90	8.17	16.2	1.492	104.3
760	7/10/2013 7:15:50	19.29	50.80	33.39	7.81	8.17	15.0	1.432	103.3
761	7/10/2013 7:30:50	19.43	50.87	33.45	7.73	8.17	14.1	1.368	102.5
762	7/10/2013 7:45:50	19.60	50.67	33.30	7.67	8.16	13.6	1.346	102.0
763	7/10/2013 8:00:50	19.24	50.86	33.44	7.60	8.16	12.7	1.353	100.3
764	7/10/2013 8:15:50	19.62	50.61	33.26	7.67	8.16	11.8	1.354	101.9
765	7/10/2013 8:30:50	19.64	50.75	33.36	7.68	8.17	10.9	1.403	102.2
766	7/10/2013 8:45:50	19.50	50.84	33.43	7.73	8.16	11.4	1.470	102.5
767	7/10/2013 9:00:50	19.56	50.64	33.28	7.77	8.17	10.7	1.535	103.1
768	7/10/2013 9:15:50	19.55	50.85	33.43	7.81	8.17	10.9	1.613	103.7
769	7/10/2013 9:30:50	19.78	50.83	33.42	7.26	8.12	15.4	1.688	96.8
770	7/10/2013 9:45:50	19.90	50.76	33.36	6.94	8.09	19.5	1.779	92.7
771	7/10/2013 10:00:50	19.71	50.69	33.31	7.06	8.10	16.7	1.857	93.9
772	7/10/2013 10:15:50	19.46	50.89	33.46	7.37	8.13	15.1	1.945	97.8
773	7/10/2013 10:30:50	19.34	50.68	33.31	7.49	8.13	14.1	2.029	99.1
774	7/10/2013 10:45:50	19.25	50.53	33.20	7.54	8.13	13.7	2.127	99.5
775	7/10/2013 11:00:50	19.15	50.65	33.29	7.58	8.13	15.5	2.224	99.9
776	7/10/2013 11:15:50	18.85	50.60	33.25	7.85	8.15	14.9	2.305	102.9
777	7/10/2013 11:30:50	18.69	50.51	33.18	8.03	8.15	14.0	2.404	104.8
778	7/10/2013 11:45:50	18.58	50.55	33.21	8.19	8.14	14.5	2.494	106.7
779	7/10/2013 12:00:50	18.42	50.70	33.32	8.42	8.17	14.5	2.586	109.5
780	7/10/2013 12:15:50	18.16	50.57	33.23	8.65	8.17	14.6	2.669	111.8
781	7/10/2013 12:30:50	17.78	50.46	33.14	8.88	8.17	15.8	2.751	114.0
782	7/10/2013 12:45:50	17.44	50.47	33.15	8.78	8.16	17.2	2.832	111.9
783	7/10/2013 13:00:50	17.15	50.63	33.26	9.03	8.16	19.8	2.913	114.5
784	7/10/2013 13:15:51	16.66	50.58	33.22	9.37	8.17	17.8	2.986	117.7
785	7/10/2013 13:30:50	16.36	50.49	33.15	9.59	8.17	16.1	3.061	119.8
786	7/10/2013 13:45:50	15.66	50.53	33.17	9.86	8.16	16.2	3.131	121.4
787	7/10/2013 14:00:51	15.04	50.46	33.10	10.19	8.16	15.6	3.193	123.9
788	7/10/2013 14:15:51	14.75	50.52	33.14	10.39	8.17	12.1	3.249	125.7
789	7/10/2013 14:30:51	14.60	50.38	33.03	10.58	8.17	10.4	3.294	127.5
790	7/10/2013 14:45:50	14.57	50.41	33.05	10.57	8.17	8.2	3.333	127.3
791	7/10/2013 15:00:50	15.23	50.29	32.98	10.42	8.17	8.4	3.350	127.1
792	7/10/2013 15:15:50	14.86	50.42	33.06	10.23	8.16	8.1	3.341	123.9
793	7/10/2013 15:30:50	14.67	50.41	33.05	10.51	8.17	8.1	3.319	126.8
794	7/10/2013 15:45:50	14.72	50.33	33.00	10.41	8.16	9.6	3.281	125.8

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
795	7/10/2013 16:00:50	15.87	50.48	33.13	10.38	8.19	13.8	3.213	128.3
796	7/10/2013 16:15:50	16.13	50.51	33.16	10.70	8.21	17.1	3.130	132.9
797	7/10/2013 16:30:50	16.69	50.52	33.18	10.61	8.22	13.2	3.063	133.3
798	7/10/2013 16:45:50	17.65	50.44	33.13	10.42	8.22	13.7	2.978	133.3
799	7/10/2013 17:00:50	18.23	50.70	33.32	10.42	8.25	13.8	2.888	134.9
800	7/10/2013 17:15:51	17.87	50.71	33.33	10.77	8.25	12.8	2.815	138.5
801	7/10/2013 17:30:50	17.87	50.64	33.27	10.97	8.26	11.6	2.747	141.1
802	7/10/2013 17:45:50	17.94	50.76	33.37	10.91	8.26	11.7	2.675	140.5
803	7/10/2013 18:00:50	18.15	50.60	33.25	10.85	8.27	12.5	2.606	140.2
804	7/10/2013 18:15:51	18.31	50.77	33.37	10.83	8.27	12.9	2.536	140.6
805	7/10/2013 18:30:50	18.45	50.82	33.41	10.72	8.28	12.9	2.486	139.5
806	7/10/2013 18:45:50	18.82	50.70	33.32	10.38	8.26	12.1	2.429	136.0
807	7/10/2013 19:00:50	19.08	50.79	33.39	10.13	8.26	12.2	2.369	133.4
808	7/10/2013 19:15:50	19.30	50.65	33.29	9.99	8.25	11.2	2.337	132.0
809	7/10/2013 19:30:50	19.42	50.68	33.31	9.82	8.25	10.3	2.302	130.0
810	7/10/2013 19:45:50	19.68	50.79	33.39	9.68	8.25	10.0	2.299	128.9
811	7/10/2013 20:00:50	19.95	50.80	33.40	9.31	8.23	8.7	2.286	124.6
812	7/10/2013 20:15:50	19.97	50.84	33.42	9.29	8.23	9.0	2.296	124.3
813	7/10/2013 20:30:50	19.82	50.82	33.41	9.59	8.24	10.0	2.318	128.0
814	7/10/2013 20:45:50	19.69	50.68	33.31	9.51	8.24	9.9	2.343	126.5
815	7/10/2013 21:00:50	19.65	50.82	33.41	9.42	8.23	10.4	2.394	125.4
816	7/10/2013 21:15:50	19.56	50.70	33.32	9.37	8.23	10.8	2.456	124.4
817	7/10/2013 21:30:50	19.49	50.70	33.32	9.34	8.22	12.0	2.519	123.8
818	7/10/2013 21:45:50	19.58	50.66	33.29	9.35	8.22	11.9	2.580	124.1
819	7/10/2013 22:00:50	19.17	50.73	33.35	9.37	8.21	10.6	2.645	123.5
820	7/10/2013 22:15:50	18.93	50.68	33.31	9.45	8.22	11.5	2.728	124.0
821	7/10/2013 22:30:50	18.34	50.65	33.29	9.71	8.22	11.0	2.787	125.9
822	7/10/2013 22:45:51	17.91	50.54	33.20	9.74	8.21	11.8	2.857	125.3
823	7/10/2013 23:00:50	17.20	50.54	33.19	9.79	8.20	11.6	2.932	124.3
824	7/10/2013 23:15:50	16.72	50.57	33.22	9.91	8.19	11.2	3.001	124.6
825	7/10/2013 23:30:50	16.45	50.54	33.19	9.92	8.18	9.7	3.069	124.1
826	7/10/2013 23:45:50	16.06	50.41	33.08	10.01	8.18	10.0	3.142	124.2
827	7/11/2013 0:00:50	15.49	50.32	33.01	10.14	8.17	10.4	3.218	124.3
828	7/11/2013 0:15:50	14.92	50.52	33.14	10.22	8.17	11.1	3.284	124.0
829	7/11/2013 0:30:50	14.56	50.33	32.99	10.25	8.16	10.3	3.353	123.4
830	7/11/2013 0:45:50	14.41	50.44	33.07	10.22	8.16	8.4	3.408	122.7
831	7/11/2013 1:00:50	14.20	50.41	33.04	10.19	8.15	8.0	3.470	121.8
832	7/11/2013 1:15:50	13.81	50.33	32.97	10.18	8.15	7.4	3.518	120.6
833	7/11/2013 1:30:50	13.60	50.43	33.04	10.09	8.14	6.9	3.546	119.1
834	7/11/2013 1:45:50	13.52	50.21	32.87	9.93	8.13	5.7	3.575	116.9
835	7/11/2013 2:00:50	13.94	50.07	32.78	9.94	8.13	5.9	3.589	118.0
836	7/11/2013 2:15:50	13.64	50.43	33.03	9.66	8.11	5.6	3.574	114.1
837	7/11/2013 2:30:50	13.47	50.30	32.94	9.82	8.12	6.5	3.541	115.5
838	7/11/2013 2:45:50	14.01	50.36	33.00	9.65	8.12	7.5	3.499	114.8
839	7/11/2013 3:00:51	14.89	50.45	33.09	9.75	8.16	9.1	3.443	118.2
840	7/11/2013 3:15:51	14.47	50.35	33.01	9.84	8.15	9.5	3.362	118.2
841	7/11/2013 3:30:50	15.01	50.62	33.22	9.67	8.15	10.0	3.275	117.6
842	7/11/2013 3:45:51	15.82	50.65	33.26	9.41	8.16	10.4	3.180	116.3
843	7/11/2013 4:00:50	16.21	50.35	33.04	9.40	8.17	11.9	3.083	116.9
844	7/11/2013 4:15:51	16.39	50.71	33.31	9.27	8.17	10.9	2.974	115.9
845	7/11/2013 4:30:51	16.80	50.72	33.32	9.06	8.17	11.1	2.872	114.2
846	7/11/2013 4:45:50	17.36	50.65	33.28	8.68	8.16	13.2	2.788	110.5
847	7/11/2013 5:00:50	17.66	50.63	33.27	8.42	8.16	13.9	2.675	107.8

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
848	7/11/2013 5:15:50	17.46	50.64	33.27	8.41	8.16	15.7	2.571	107.3
849	7/11/2013 5:30:50	17.59	50.51	33.18	8.42	8.16	16.0	2.463	107.7
850	7/11/2013 5:45:50	17.73	50.78	33.37	8.41	8.16	16.4	2.344	107.9
851	7/11/2013 6:00:50	17.90	50.75	33.35	8.31	8.16	17.9	2.221	107.0
852	7/11/2013 6:15:50	17.46	50.72	33.33	8.32	8.15	17.7	2.090	106.2
853	7/11/2013 6:30:50	17.79	50.75	33.36	8.23	8.15	17.6	1.990	105.7
854	7/11/2013 6:45:50	17.73	50.85	33.43	8.12	8.15	17.4	1.870	104.3
855	7/11/2013 7:00:50	18.14	50.69	33.31	7.96	8.15	17.2	1.743	103.0
856	7/11/2013 7:15:50	18.52	50.69	33.31	7.77	8.15	17.4	1.659	101.1
857	7/11/2013 7:30:50	18.69	50.77	33.37	7.68	8.15	16.6	1.565	100.4
858	7/11/2013 7:45:50	18.81	50.94	33.50	7.56	8.14	14.9	1.511	99.1
859	7/11/2013 8:00:50	18.94	50.91	33.48	7.46	8.14	14.9	1.422	98.0
860	7/11/2013 8:15:50	19.09	50.85	33.43	7.34	8.14	16.5	1.398	96.6
861	7/11/2013 8:30:50	19.14	50.85	33.43	7.38	8.14	13.9	1.404	97.2
862	7/11/2013 8:45:50	19.09	50.79	33.39	7.32	8.14	14.1	1.404	96.3
863	7/11/2013 9:00:50	19.14	50.97	33.52	7.37	8.14	11.4	1.449	97.2
864	7/11/2013 9:15:50	19.07	50.98	33.53	7.39	8.14	10.8	1.486	97.3
865	7/11/2013 9:30:50	19.11	50.83	33.42	7.40	8.14	11.8	1.577	97.5
866	7/11/2013 9:45:50	19.14	50.91	33.48	7.42	8.14	11.5	1.646	97.8
867	7/11/2013 10:00:50	19.11	50.89	33.46	7.39	8.14	12.2	1.708	97.4
868	7/11/2013 10:15:50	19.19	50.84	33.43	7.17	8.11	14.5	1.805	94.6
869	7/11/2013 10:30:50	19.19	50.85	33.43	6.96	8.09	16.5	1.882	91.9
870	7/11/2013 10:45:50	18.95	50.72	33.34	7.23	8.11	14.5	1.960	95.0
871	7/11/2013 11:00:50	18.85	50.84	33.42	7.35	8.12	13.9	2.048	96.4
872	7/11/2013 11:15:50	18.77	50.64	33.28	7.45	8.12	13.4	2.135	97.4
873	7/11/2013 11:30:51	18.63	50.87	33.45	7.50	8.13	14.9	2.229	98.0
874	7/11/2013 11:45:50	18.42	50.82	33.41	7.70	8.14	15.3	2.314	100.1
875	7/11/2013 12:00:50	18.29	50.66	33.29	7.95	8.15	13.6	2.409	103.1
876	7/11/2013 12:15:50	18.18	50.68	33.31	8.11	8.15	13.4	2.498	105.0
877	7/11/2013 12:30:50	18.18	50.73	33.34	8.28	8.16	13.9	2.581	107.1
878	7/11/2013 12:45:51	18.00	50.85	33.43	8.49	8.17	14.3	2.676	109.5
879	7/11/2013 13:00:50	17.71	50.73	33.34	8.74	8.17	14.7	2.753	112.0
880	7/11/2013 13:15:50	17.45	50.66	33.29	8.85	8.17	15.1	2.838	112.9
881	7/11/2013 13:30:50	17.03	50.40	33.09	9.04	8.17	17.5	2.916	114.3
882	7/11/2013 13:45:50	16.59	50.54	33.19	9.45	8.18	16.9	2.995	118.6
883	7/11/2013 14:00:50	16.22	50.52	33.17	9.73	8.18	16.5	3.068	121.1
884	7/11/2013 14:15:51	15.73	50.63	33.24	9.85	8.18	14.2	3.140	121.6
885	7/11/2013 14:30:50	14.92	50.45	33.09	9.88	8.16	15.0	3.204	119.9
886	7/11/2013 14:45:50	14.48	50.42	33.06	9.99	8.15	13.5	3.262	120.0
887	7/11/2013 15:00:50	14.28	50.46	33.08	10.01	8.15	10.6	3.313	119.9
888	7/11/2013 15:15:50	14.04	50.32	32.97	10.07	8.15	9.0	3.342	119.9
889	7/11/2013 15:30:50	14.39	50.14	32.85	9.98	8.15	8.0	3.366	119.6
890	7/11/2013 15:45:51	14.24	50.51	33.12	9.80	8.14	8.3	3.363	117.3
891	7/11/2013 16:00:50	14.11	50.36	33.00	9.98	8.14	8.4	3.333	119.1
892	7/11/2013 16:15:50	14.23	50.55	33.14	9.91	8.14	9.2	3.296	118.6
893	7/11/2013 16:30:51	16.27	50.63	33.25	10.54	8.20	12.4	3.242	131.4
894	7/11/2013 16:45:51	15.99	50.61	33.23	10.61	8.21	17.9	3.153	131.5
895	7/11/2013 17:00:51	15.79	50.59	33.21	10.64	8.22	13.5	3.082	131.3
896	7/11/2013 17:15:50	16.38	50.62	33.25	10.69	8.23	14.2	2.991	133.5
897	7/11/2013 17:30:51	16.70	50.67	33.29	10.70	8.24	13.3	2.920	134.5
898	7/11/2013 17:45:50	17.21	50.67	33.29	10.58	8.24	14.1	2.831	134.4
899	7/11/2013 18:00:50	17.06	50.54	33.19	10.64	8.25	12.7	2.750	134.6
900	7/11/2013 18:15:50	17.61	50.76	33.36	10.52	8.25	13.4	2.676	134.7

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
901	7/11/2013 18:30:50	17.61	50.63	33.26	10.65	8.26	13.4	2.606	136.2
902	7/11/2013 18:45:50	18.13	50.79	33.39	10.45	8.27	13.6	2.531	135.1
903	7/11/2013 19:00:50	18.36	50.75	33.36	10.50	8.27	12.9	2.466	136.4
904	7/11/2013 19:15:50	18.47	50.67	33.30	10.37	8.27	13.4	2.417	134.9
905	7/11/2013 19:30:50	18.68	50.60	33.25	10.41	8.27	13.0	2.354	135.9
906	7/11/2013 19:45:50	18.92	50.88	33.46	10.14	8.27	12.5	2.299	133.1
907	7/11/2013 20:00:50	19.02	50.71	33.33	9.99	8.26	12.3	2.265	131.3
908	7/11/2013 20:15:50	19.27	50.89	33.46	9.76	8.26	11.4	2.236	129.0
909	7/11/2013 20:30:50	19.37	50.83	33.42	9.63	8.25	11.0	2.220	127.5
910	7/11/2013 20:45:50	19.59	50.75	33.36	9.33	8.24	9.0	2.203	124.0
911	7/11/2013 21:00:50	19.65	50.81	33.40	9.13	8.24	8.6	2.226	121.5
912	7/11/2013 21:15:50	19.69	50.69	33.32	9.40	8.24	9.6	2.247	125.1
913	7/11/2013 21:30:50	19.55	50.70	33.32	9.33	8.23	10.2	2.275	123.8
914	7/11/2013 21:45:50	19.54	50.76	33.37	9.33	8.23	10.0	2.324	123.9
915	7/11/2013 22:00:50	19.48	50.82	33.41	9.31	8.23	10.3	2.390	123.5
916	7/11/2013 22:15:50	19.55	50.62	33.26	9.24	8.22	12.0	2.457	122.7
917	7/11/2013 22:30:50	19.60	50.80	33.39	9.06	8.21	12.2	2.516	120.5
918	7/11/2013 22:45:50	19.25	50.64	33.28	9.18	8.22	11.7	2.584	121.2
919	7/11/2013 23:00:50	19.04	50.83	33.42	9.21	8.21	10.3	2.649	121.1
920	7/11/2013 23:15:50	18.54	50.62	33.27	9.40	8.21	11.2	2.710	122.4
921	7/11/2013 23:30:51	18.02	50.81	33.40	9.52	8.21	11.1	2.783	122.8
922	7/11/2013 23:45:50	17.52	50.66	33.29	9.60	8.20	10.8	2.840	122.6
923	7/12/2013 0:00:50	17.11	50.58	33.22	9.58	8.20	9.3	2.911	121.4
924	7/12/2013 0:15:51	16.69	50.68	33.29	9.63	8.19	9.2	2.981	121.1
925	7/12/2013 0:30:50	16.44	50.48	33.14	9.67	8.18	8.9	3.043	120.9
926	7/12/2013 0:45:50	16.07	50.54	33.18	9.75	8.18	9.1	3.108	121.0
927	7/12/2013 1:00:51	15.48	50.64	33.24	9.82	8.18	9.3	3.173	120.6
928	7/12/2013 1:15:51	15.14	50.54	33.16	9.94	8.17	9.0	3.239	121.1
929	7/12/2013 1:30:50	14.79	50.46	33.09	9.98	8.17	8.8	3.298	120.7
930	7/12/2013 1:45:51	14.54	50.56	33.16	9.99	8.16	7.2	3.345	120.3
931	7/12/2013 2:00:51	14.30	50.54	33.14	9.97	8.16	6.7	3.390	119.4
932	7/12/2013 2:15:51	14.10	50.56	33.15	9.95	8.15	7.2	3.429	118.7
933	7/12/2013 2:30:51	14.03	50.60	33.17	9.80	8.14	5.8	3.441	116.8
934	7/12/2013 2:45:51	14.31	50.64	33.21	9.60	8.14	6.2	3.443	115.1
935	7/12/2013 3:00:51	14.06	50.62	33.19	9.61	8.13	5.4	3.440	114.6
936	7/12/2013 3:15:51	14.07	50.60	33.18	9.64	8.13	6.1	3.411	115.0
937	7/12/2013 3:30:50	14.52	50.59	33.18	9.50	8.14	7.3	3.362	114.4
938	7/12/2013 3:45:51	15.38	50.68	33.27	9.48	8.13	10.1	3.293	116.2
939	7/12/2013 4:00:51	15.23	50.49	33.13	9.56	8.13	11.4	3.218	116.7
940	7/12/2013 4:15:50	15.64	50.52	33.16	9.37	8.15	11.1	3.144	115.3
941	7/12/2013 4:30:50	16.46	50.67	33.28	9.00	8.16	13.3	3.049	112.7
942	7/12/2013 4:45:51	16.74	50.71	33.31	9.10	8.17	11.2	2.944	114.5
943	7/12/2013 5:00:50	16.94	50.54	33.19	8.94	8.17	12.0	2.852	112.9
944	7/12/2013 5:15:50	17.38	50.79	33.38	8.62	8.18	11.9	2.758	109.9
945	7/12/2013 5:30:50	17.54	50.64	33.27	8.34	8.17	13.1	2.665	106.5
946	7/12/2013 5:45:50	17.51	50.85	33.43	8.27	8.17	16.5	2.552	105.7
947	7/12/2013 6:00:50	17.62	50.60	33.24	8.39	8.18	15.7	2.459	107.3
948	7/12/2013 6:15:50	17.54	50.72	33.33	8.37	8.18	15.9	2.341	107.0
949	7/12/2013 6:30:50	17.45	50.68	33.30	8.35	8.17	14.4	2.238	106.6
950	7/12/2013 6:45:50	17.45	50.69	33.31	8.31	8.16	14.2	2.110	106.0
951	7/12/2013 7:00:50	17.67	50.84	33.42	8.20	8.16	15.3	2.007	105.2
952	7/12/2013 7:15:50	17.68	50.72	33.33	8.17	8.16	15.4	1.906	104.7
953	7/12/2013 7:30:50	17.80	50.85	33.43	8.03	8.15	14.5	1.792	103.2

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
954	7/12/2013 7:45:51	18.17	50.86	33.44	7.93	8.16	14.8	1.702	102.7
955	7/12/2013 8:00:50	18.32	50.90	33.47	7.80	8.16	15.1	1.619	101.2
956	7/12/2013 8:15:50	18.56	50.84	33.43	7.63	8.16	14.6	1.539	99.5
957	7/12/2013 8:30:50	18.63	50.88	33.45	7.55	8.14	13.4	1.490	98.6
958	7/12/2013 8:45:50	18.71	50.91	33.48	7.51	8.15	13.5	1.468	98.2
959	7/12/2013 9:00:50	18.69	50.84	33.42	7.37	8.14	10.0	1.454	96.3
960	7/12/2013 9:15:50	18.57	50.85	33.43	7.47	8.14	11.4	1.459	97.5
961	7/12/2013 9:30:50	18.66	50.93	33.49	7.51	8.15	10.7	1.500	98.1
962	7/12/2013 9:45:50	18.64	50.87	33.44	7.54	8.14	11.1	1.558	98.5
963	7/12/2013 10:00:50	18.72	50.88	33.45	7.56	8.15	11.2	1.606	98.9
964	7/12/2013 10:15:50	18.79	50.78	33.38	7.57	8.16	10.6	1.677	99.1
965	7/12/2013 10:30:50	18.74	50.68	33.31	7.61	8.15	10.6	1.760	99.5
966	7/12/2013 10:45:50	18.80	50.93	33.49	7.42	8.13	12.6	1.837	97.3
967	7/12/2013 11:00:50	18.79	50.80	33.40	7.33	8.12	13.3	1.904	96.0
968	7/12/2013 11:15:50	18.72	50.68	33.31	7.33	8.13	13.9	1.987	95.8
969	7/12/2013 11:30:50	18.59	50.65	33.28	7.59	8.14	13.7	2.086	98.9
970	7/12/2013 11:45:50	18.55	50.73	33.35	7.63	8.13	13.1	2.155	99.5
971	7/12/2013 12:00:50	18.53	50.80	33.39	7.60	8.14	13.1	2.241	99.1
972	7/12/2013 12:15:50	18.33	50.72	33.33	7.64	8.14	14.5	2.339	99.1
973	7/12/2013 12:30:50	18.16	50.67	33.30	7.95	8.14	13.9	2.419	102.8
974	7/12/2013 12:45:50	18.03	50.71	33.33	8.15	8.16	14.2	2.506	105.2
975	7/12/2013 13:00:51	17.95	50.72	33.34	8.33	8.17	13.6	2.596	107.3
976	7/12/2013 13:15:51	17.87	50.71	33.33	8.48	8.18	13.4	2.678	109.0
977	7/12/2013 13:30:50	17.64	50.65	33.28	8.78	8.18	13.7	2.757	112.4
978	7/12/2013 13:45:50	17.40	50.63	33.27	8.97	8.18	13.5	2.834	114.3
979	7/12/2013 14:00:50	17.16	50.66	33.28	9.02	8.19	15.0	2.915	114.4
980	7/12/2013 14:15:50	16.60	50.33	33.04	9.46	8.19	16.5	2.994	118.5
981	7/12/2013 14:30:50	16.25	50.46	33.12	9.73	8.19	16.2	3.060	121.1
982	7/12/2013 14:45:50	15.82	50.57	33.20	9.99	8.20	13.6	3.127	123.4
983	7/12/2013 15:00:50	15.21	50.51	33.14	10.10	8.19	14.4	3.194	123.3
984	7/12/2013 15:15:50	14.79	50.55	33.16	9.99	8.17	11.8	3.254	120.9
985	7/12/2013 15:30:50	14.53	50.45	33.08	10.09	8.17	13.0	3.293	121.4
986	7/12/2013 15:45:50	14.23	50.51	33.12	10.10	8.16	10.7	3.321	120.8
987	7/12/2013 16:00:50	14.15	50.49	33.09	10.04	8.15	6.0	3.357	119.9
988	7/12/2013 16:15:50	14.68	50.47	33.10	9.80	8.14	7.6	3.353	118.3
989	7/12/2013 16:30:50	14.27	50.54	33.14	9.91	8.14	6.3	3.330	118.7
990	7/12/2013 16:45:51	14.39	50.54	33.14	10.03	8.15	9.3	3.282	120.4
991	7/12/2013 17:00:51	16.41	50.56	33.20	10.48	8.22	13.7	3.239	130.9
992	7/12/2013 17:15:50	16.16	50.50	33.15	10.74	8.22	14.6	3.172	133.6
993	7/12/2013 17:30:51	15.96	50.65	33.26	10.72	8.22	13.5	3.081	132.9
994	7/12/2013 17:45:50	16.70	50.48	33.14	10.73	8.25	13.3	2.995	134.8
995	7/12/2013 18:00:50	17.03	50.59	33.23	10.72	8.25	14.2	2.928	135.6
996	7/12/2013 18:15:51	16.47	50.78	33.36	10.91	8.25	12.4	2.841	136.7
997	7/12/2013 18:30:51	17.02	50.69	33.30	10.70	8.26	12.3	2.763	135.4
998	7/12/2013 18:45:50	17.40	50.52	33.19	10.73	8.26	11.7	2.691	136.7
999	7/12/2013 19:00:50	17.83	50.72	33.34	10.57	8.26	13.7	2.613	135.9
1000	7/12/2013 19:15:50	17.97	50.78	33.38	10.48	8.27	13.9	2.541	135.1
1001	7/12/2013 19:30:51	18.05	50.82	33.41	10.51	8.26	13.4	2.471	135.7
1002	7/12/2013 19:45:51	18.29	50.70	33.32	10.25	8.26	13.5	2.404	133.0
1003	7/12/2013 20:00:50	18.10	50.72	33.34	10.33	8.27	13.9	2.331	133.5
1004	7/12/2013 20:15:51	18.38	50.78	33.38	10.11	8.27	13.4	2.283	131.4
1005	7/12/2013 20:30:50	18.80	50.86	33.44	9.77	8.26	13.1	2.251	128.0
1006	7/12/2013 20:45:50	18.86	50.73	33.35	9.67	8.25	12.1	2.178	126.8

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1007	7/12/2013 21:00:50	18.69	50.86	33.44	9.54	8.25	11.1	2.153	124.7
1008	7/12/2013 21:15:50	19.32	50.92	33.48	9.21	8.24	10.1	2.163	121.8
1009	7/12/2013 21:30:50	19.38	50.97	33.52	9.03	8.23	9.0	2.143	119.6
1010	7/12/2013 21:45:50	19.41	50.90	33.47	8.71	8.21	9.4	2.147	115.4
1011	7/12/2013 22:00:50	19.48	50.81	33.41	9.09	8.23	8.9	2.170	120.5
1012	7/12/2013 22:15:50	19.26	50.92	33.48	9.10	8.23	9.5	2.220	120.3
1013	7/12/2013 22:30:50	19.29	50.83	33.42	9.12	8.23	9.3	2.261	120.6
1014	7/12/2013 22:45:50	19.24	50.91	33.47	9.10	8.23	9.5	2.310	120.2
1015	7/12/2013 23:00:50	19.18	50.85	33.44	9.03	8.22	10.1	2.374	119.1
1016	7/12/2013 23:15:50	19.47	50.70	33.32	8.79	8.19	12.7	2.439	116.5
1017	7/12/2013 23:30:50	19.32	50.84	33.42	8.81	8.20	11.9	2.510	116.5
1018	7/12/2013 23:45:50	19.08	50.73	33.34	8.92	8.21	10.3	2.559	117.4
1019	7/13/2013 0:00:50	18.91	50.68	33.31	9.01	8.21	9.5	2.618	118.2
1020	7/13/2013 0:15:50	18.44	50.69	33.31	9.21	8.21	10.1	2.683	119.7
1021	7/13/2013 0:30:50	17.95	50.69	33.31	9.28	8.20	10.0	2.746	119.6
1022	7/13/2013 0:45:50	17.66	50.59	33.24	9.34	8.21	9.7	2.797	119.6
1023	7/13/2013 1:00:50	17.12	50.46	33.13	9.42	8.20	8.9	2.853	119.3
1024	7/13/2013 1:15:50	16.71	50.53	33.19	9.51	8.19	8.6	2.922	119.6
1025	7/13/2013 1:30:51	16.57	50.69	33.30	9.49	8.19	8.6	2.971	119.1
1026	7/13/2013 1:45:50	16.24	50.48	33.14	9.58	8.18	8.4	3.026	119.3
1027	7/13/2013 2:00:50	15.80	50.51	33.15	9.61	8.17	8.0	3.083	118.6
1028	7/13/2013 2:15:50	15.50	50.35	33.03	9.63	8.17	7.6	3.143	118.1
1029	7/13/2013 2:30:50	15.20	50.32	33.00	9.63	8.17	7.3	3.183	117.4
1030	7/13/2013 2:45:50	15.05	50.49	33.12	9.56	8.16	6.8	3.222	116.3
1031	7/13/2013 3:00:50	14.72	50.52	33.14	9.51	8.15	5.8	3.256	115.0
1032	7/13/2013 3:15:50	14.70	50.54	33.15	9.41	8.14	5.3	3.283	113.7
1033	7/13/2013 3:30:50	16.05	50.72	33.31	8.50	8.17	11.3	3.283	105.5
1034	7/13/2013 3:45:50	14.94	50.59	33.19	8.98	8.13	4.9	3.274	109.0
1035	7/13/2013 4:00:51	14.69	50.52	33.14	9.12	8.13	6.2	3.257	110.2
1036	7/13/2013 4:15:51	15.15	50.68	33.27	8.96	8.14	6.2	3.215	109.3
1037	7/13/2013 4:30:51	15.69	50.56	33.19	8.94	8.16	8.9	3.154	110.2
1038	7/13/2013 4:45:50	16.17	50.44	33.11	8.89	8.17	14.2	3.083	110.6
1039	7/13/2013 5:00:50	15.69	50.58	33.20	9.19	8.17	12.7	3.015	113.2
1040	7/13/2013 5:15:50	16.59	50.72	33.32	8.84	8.18	12.5	2.930	110.9
1041	7/13/2013 5:30:50	16.94	50.70	33.31	8.52	8.18	13.1	2.833	107.7
1042	7/13/2013 5:45:50	17.06	50.86	33.43	8.51	8.18	12.8	2.744	107.9
1043	7/13/2013 6:00:50	17.21	50.80	33.38	8.18	8.18	16.5	2.666	103.9
1044	7/13/2013 6:15:50	17.09	50.91	33.46	8.23	8.18	14.4	2.568	104.4
1045	7/13/2013 6:30:51	16.85	50.80	33.39	8.35	8.17	14.0	2.474	105.3
1046	7/13/2013 6:45:50	17.40	50.80	33.39	8.26	8.18	13.9	2.366	105.4
1047	7/13/2013 7:00:50	17.15	50.74	33.34	8.29	8.18	13.9	2.280	105.2
1048	7/13/2013 7:15:50	17.15	50.65	33.27	8.36	8.18	13.2	2.181	106.1
1049	7/13/2013 7:30:50	17.31	50.87	33.44	8.25	8.18	13.7	2.070	105.1
1050	7/13/2013 7:45:50	17.53	50.74	33.34	8.15	8.19	14.3	1.981	104.1
1051	7/13/2013 8:00:51	17.58	50.88	33.45	8.09	8.19	13.2	1.903	103.6
1052	7/13/2013 8:15:50	17.77	50.90	33.46	7.97	8.18	12.8	1.824	102.5
1053	7/13/2013 8:30:51	17.89	50.99	33.53	8.01	8.18	12.6	1.734	103.2
1054	7/13/2013 8:45:50	18.03	50.69	33.32	7.87	8.18	12.9	1.681	101.6
1055	7/13/2013 9:00:50	18.15	50.87	33.45	7.82	8.18	11.9	1.640	101.3
1056	7/13/2013 9:15:50	18.28	50.88	33.46	7.72	8.17	11.4	1.600	100.1
1057	7/13/2013 9:30:50	18.33	50.90	33.46	7.57	8.17	10.6	1.583	98.3
1058	7/13/2013 9:45:50	18.14	50.91	33.48	7.87	8.18	10.1	1.600	101.8
1059	7/13/2013 10:00:50	18.28	50.59	33.24	7.72	8.17	10.9	1.621	100.1

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1060	7/13/2013 10:15:50	18.32	50.97	33.52	7.72	8.17	11.7	1.658	100.3
1061	7/13/2013 10:30:50	18.38	50.76	33.36	7.68	8.17	11.4	1.702	99.8
1062	7/13/2013 10:45:50	18.36	50.96	33.51	7.74	8.18	12.0	1.776	100.6
1063	7/13/2013 11:00:50	18.38	50.75	33.36	7.57	8.16	12.2	1.840	98.3
1064	7/13/2013 11:15:51	18.30	50.97	33.52	7.55	8.17	12.8	1.914	98.1
1065	7/13/2013 11:30:51	18.27	50.79	33.39	7.57	8.17	12.2	1.997	98.1
1066	7/13/2013 11:45:50	18.24	50.84	33.43	7.57	8.16	11.7	2.071	98.2
1067	7/13/2013 12:00:50	18.22	50.89	33.46	7.58	8.17	11.6	2.155	98.3
1068	7/13/2013 12:15:50	18.23	50.57	33.22	7.67	8.17	11.7	2.232	99.2
1069	7/13/2013 12:30:50	18.18	50.73	33.35	7.71	8.17	12.6	2.318	99.7
1070	7/13/2013 12:45:51	18.07	50.83	33.42	7.75	8.17	13.7	2.398	100.1
1071	7/13/2013 13:00:51	17.89	50.84	33.42	8.12	8.17	14.4	2.482	104.5
1072	7/13/2013 13:15:50	17.70	50.60	33.24	8.42	8.18	12.5	2.565	107.9
1073	7/13/2013 13:30:50	17.59	50.71	33.32	8.56	8.19	12.9	2.639	109.6
1074	7/13/2013 13:45:50	17.53	50.64	33.27	8.76	8.19	12.2	2.722	111.9
1075	7/13/2013 14:00:50	17.45	50.61	33.25	8.92	8.20	13.3	2.809	113.8
1076	7/13/2013 14:15:50	17.00	50.65	33.27	9.17	8.19	14.3	2.877	116.0
1077	7/13/2013 14:30:50	16.63	50.41	33.09	9.16	8.18	14.6	2.966	114.9
1078	7/13/2013 14:45:50	16.32	50.52	33.17	9.74	8.21	17.2	3.043	121.5
1079	7/13/2013 15:00:50	16.03	50.43	33.10	10.01	8.21	15.5	3.111	124.1
1080	7/13/2013 15:15:51	15.57	50.55	33.17	10.18	8.21	14.3	3.188	125.1
1081	7/13/2013 15:30:50	15.04	50.37	33.03	10.06	8.19	12.7	3.253	122.3
1082	7/13/2013 15:45:51	14.38	50.61	33.19	9.90	8.16	13.4	3.317	118.8
1083	7/13/2013 16:00:51	14.03	50.47	33.08	9.86	8.14	14.0	3.360	117.4
1084	7/13/2013 16:15:50	13.70	50.51	33.10	9.91	8.16	7.2	3.398	117.3
1085	7/13/2013 16:30:51	13.67	50.46	33.06	9.80	8.15	6.2	3.426	115.9
1086	7/13/2013 16:45:51	14.14	50.56	33.15	9.75	8.16	8.9	3.432	116.4
1087	7/13/2013 17:00:50	13.78	50.35	32.98	9.62	8.14	7.2	3.418	114.0
1088	7/13/2013 17:15:51	13.83	50.65	33.20	9.77	8.14	7.9	3.378	116.0
1089	7/13/2013 17:30:51	15.53	50.44	33.09	10.24	8.18	12.3	3.330	125.7
1090	7/13/2013 17:45:50	15.29	50.53	33.16	10.49	8.22	12.2	3.263	128.2
1091	7/13/2013 18:00:50	15.28	50.49	33.12	10.50	8.21	15.6	3.188	128.3
1092	7/13/2013 18:15:50	15.38	50.56	33.18	10.63	8.22	11.5	3.104	130.2
1093	7/13/2013 18:30:50	16.24	50.43	33.10	10.66	8.25	11.2	3.023	132.7
1094	7/13/2013 18:45:50	16.76	50.73	33.33	10.64	8.26	12.4	2.944	134.0
1095	7/13/2013 19:00:51	17.51	50.73	33.34	10.51	8.26	12.8	2.860	134.3
1096	7/13/2013 19:15:50	17.47	50.71	33.32	10.64	8.27	11.8	2.774	135.8
1097	7/13/2013 19:30:50	17.02	50.77	33.36	10.75	8.28	10.9	2.703	136.2
1098	7/13/2013 19:45:50	17.38	50.68	33.30	10.65	8.28	11.8	2.627	135.7
1099	7/13/2013 20:00:51	17.39	50.81	33.39	10.67	8.28	11.9	2.538	136.0
1100	7/13/2013 20:15:50	17.67	50.73	33.34	10.43	8.27	12.3	2.481	133.7
1101	7/13/2013 20:30:51	18.14	50.66	33.29	10.28	8.28	12.1	2.414	132.8
1102	7/13/2013 20:45:51	18.45	50.86	33.44	10.03	8.27	12.0	2.333	130.6
1103	7/13/2013 21:00:50	18.53	50.79	33.39	10.00	8.27	11.1	2.270	130.3
1104	7/13/2013 21:15:50	18.66	50.66	33.29	9.85	8.27	11.5	2.221	128.5
1105	7/13/2013 21:30:50	19.13	50.82	33.41	9.50	8.25	10.1	2.175	125.2
1106	7/13/2013 21:45:50	19.44	50.97	33.52	9.28	8.24	9.8	2.141	123.1
1107	7/13/2013 22:00:50	19.53	50.76	33.37	9.17	8.23	9.5	2.107	121.7
1108	7/13/2013 22:15:50	19.67	51.04	33.57	9.04	8.23	8.9	2.121	120.5
1109	7/13/2013 22:30:50	19.56	50.78	33.38	8.93	8.23	8.9	2.106	118.6
1110	7/13/2013 22:45:50	19.56	51.10	33.61	9.02	8.23	8.9	2.108	120.0
1111	7/13/2013 23:00:50	19.47	50.83	33.42	9.06	8.23	10.2	2.157	120.1
1112	7/13/2013 23:15:50	19.33	51.02	33.56	9.10	8.22	9.9	2.194	120.5

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1113	7/13/2013 23:30:50	19.28	50.78	33.38	9.11	8.23	9.8	2.247	120.4
1114	7/13/2013 23:45:50	19.24	50.95	33.50	9.04	8.23	9.2	2.294	119.5
1115	7/14/2013 0:00:50	19.29	50.89	33.47	8.86	8.21	11.1	2.361	117.2
1116	7/14/2013 0:15:50	19.42	50.68	33.31	8.63	8.19	12.6	2.421	114.2
1117	7/14/2013 0:30:50	19.20	50.93	33.49	8.79	8.20	12.1	2.471	116.1
1118	7/14/2013 0:45:50	19.01	50.84	33.42	8.86	8.21	10.3	2.537	116.5
1119	7/14/2013 1:00:50	18.86	50.79	33.39	8.91	8.21	10.8	2.586	116.8
1120	7/14/2013 1:15:50	18.47	50.78	33.38	9.06	8.21	10.2	2.650	117.9
1121	7/14/2013 1:30:51	18.04	50.82	33.41	9.13	8.21	9.8	2.701	117.9
1122	7/14/2013 1:45:50	17.69	50.62	33.26	9.23	8.21	9.2	2.751	118.3
1123	7/14/2013 2:00:50	17.40	50.71	33.33	9.26	8.21	8.3	2.813	118.1
1124	7/14/2013 2:15:50	17.00	50.63	33.26	9.35	8.21	8.1	2.867	118.2
1125	7/14/2013 2:30:50	16.82	50.64	33.27	9.36	8.21	8.2	2.918	118.0
1126	7/14/2013 2:45:50	16.67	50.43	33.11	9.38	8.20	7.5	2.971	117.8
1127	7/14/2013 3:00:50	16.32	50.57	33.21	9.36	8.19	7.3	3.020	116.8
1128	7/14/2013 3:15:50	15.87	50.61	33.23	9.36	8.18	7.2	3.065	115.8
1129	7/14/2013 3:30:51	15.69	50.60	33.21	9.34	8.17	7.2	3.111	115.1
1130	7/14/2013 3:45:50	15.48	50.57	33.19	9.31	8.17	5.7	3.134	114.2
1131	7/14/2013 4:00:50	15.28	50.54	33.17	9.17	8.16	6.4	3.161	112.1
1132	7/14/2013 4:15:51	16.95	50.61	33.24	8.24	8.19	12.5	3.185	104.1
1133	7/14/2013 4:30:50	15.72	50.63	33.24	8.84	8.15	6.4	3.181	109.1
1134	7/14/2013 4:45:50	15.21	50.52	33.15	8.89	8.12	5.3	3.161	108.4
1135	7/14/2013 5:00:50	15.25	50.38	33.04	8.95	8.13	6.4	3.134	109.2
1136	7/14/2013 5:15:50	15.60	50.64	33.24	8.80	8.15	7.2	3.084	108.3
1137	7/14/2013 5:30:50	16.09	50.61	33.23	8.68	8.16	11.5	3.038	107.9
1138	7/14/2013 5:45:50	16.21	50.52	33.17	8.85	8.17	13.1	2.959	110.2
1139	7/14/2013 6:00:50	16.23	50.64	33.25	8.96	8.18	13.0	2.886	111.6
1140	7/14/2013 6:15:51	16.62	50.81	33.39	8.80	8.18	12.9	2.812	110.6
1141	7/14/2013 6:30:51	16.62	50.80	33.38	8.71	8.17	13.2	2.719	109.4
1142	7/14/2013 6:45:51	16.78	50.74	33.33	8.62	8.18	12.8	2.636	108.6
1143	7/14/2013 7:00:51	16.67	50.79	33.37	8.57	8.18	12.5	2.562	107.7
1144	7/14/2013 7:15:51	16.94	50.75	33.35	8.53	8.18	11.4	2.478	107.8
1145	7/14/2013 7:30:51	17.60	50.90	33.46	8.32	8.18	12.8	2.387	106.6
1146	7/14/2013 7:45:50	17.21	50.69	33.31	8.43	8.18	11.2	2.295	107.1
1147	7/14/2013 8:00:50	17.81	50.81	33.40	8.16	8.18	12.1	2.218	104.9
1148	7/14/2013 8:15:50	17.66	50.78	33.37	8.22	8.18	12.2	2.136	105.3
1149	7/14/2013 8:30:50	17.71	50.74	33.35	8.26	8.18	11.2	2.040	106.0
1150	7/14/2013 8:45:50	18.11	50.91	33.47	8.15	8.18	11.5	1.982	105.4
1151	7/14/2013 9:00:51	18.03	50.94	33.49	8.11	8.18	10.9	1.923	104.7
1152	7/14/2013 9:15:50	18.28	50.84	33.42	8.02	8.17	11.2	1.853	104.1
1153	7/14/2013 9:30:50	18.26	50.84	33.43	8.06	8.18	10.3	1.804	104.5
1154	7/14/2013 9:45:50	18.50	50.93	33.49	7.86	8.17	10.0	1.775	102.5
1155	7/14/2013 10:00:50	18.60	50.98	33.53	7.76	8.17	10.2	1.755	101.4
1156	7/14/2013 10:15:50	18.71	50.98	33.53	7.69	8.17	8.7	1.755	100.6
1157	7/14/2013 10:30:50	18.59	50.85	33.43	7.90	8.17	9.8	1.764	103.1
1158	7/14/2013 10:45:50	18.73	50.99	33.54	7.96	8.18	9.3	1.791	104.2
1159	7/14/2013 11:00:50	18.69	50.87	33.45	7.90	8.17	10.1	1.840	103.3
1160	7/14/2013 11:15:50	18.70	50.83	33.42	7.81	8.17	10.7	1.894	102.1
1161	7/14/2013 11:30:50	18.69	50.98	33.53	7.81	8.16	10.9	1.942	102.2
1162	7/14/2013 11:45:50	18.63	50.97	33.52	7.84	8.16	11.2	2.012	102.4
1163	7/14/2013 12:00:50	18.57	50.95	33.51	7.72	8.16	10.9	2.096	100.7
1164	7/14/2013 12:15:50	18.52	50.97	33.52	7.65	8.16	10.9	2.159	99.7
1165	7/14/2013 12:30:50	18.47	50.78	33.38	7.69	8.16	11.3	2.234	100.0

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1166	7/14/2013 12:45:50	18.43	50.79	33.38	7.72	8.16	11.2	2.306	100.4
1167	7/14/2013 13:00:50	18.30	50.81	33.40	7.80	8.16	12.3	2.391	101.2
1168	7/14/2013 13:15:50	18.17	50.84	33.42	7.97	8.17	12.6	2.467	103.2
1169	7/14/2013 13:30:50	18.01	50.85	33.43	8.30	8.18	11.9	2.535	107.1
1170	7/14/2013 13:45:50	17.73	50.78	33.37	8.64	8.19	12.2	2.616	110.8
1171	7/14/2013 14:00:50	17.51	50.64	33.27	8.77	8.19	12.0	2.700	112.0
1172	7/14/2013 14:15:50	17.41	50.57	33.22	8.91	8.20	12.2	2.777	113.5
1173	7/14/2013 14:30:50	17.27	50.61	33.25	9.06	8.20	12.5	2.847	115.2
1174	7/14/2013 14:45:50	17.16	50.58	33.23	9.31	8.21	12.0	2.930	118.1
1175	7/14/2013 15:00:50	16.64	50.44	33.12	9.41	8.20	15.1	3.008	118.1
1176	7/14/2013 15:15:50	16.17	50.44	33.11	9.80	8.20	14.7	3.081	121.9
1177	7/14/2013 15:30:50	15.85	50.52	33.16	10.19	8.21	13.9	3.157	126.0
1178	7/14/2013 15:45:51	15.52	50.56	33.18	10.20	8.20	12.3	3.230	125.3
1179	7/14/2013 16:00:51	15.11	50.48	33.12	10.23	8.18	12.5	3.305	124.6
1180	7/14/2013 16:15:51	14.55	50.45	33.08	10.10	8.17	11.3	3.361	121.6
1181	7/14/2013 16:30:51	14.09	50.53	33.13	9.96	8.16	12.0	3.413	118.9
1182	7/14/2013 16:45:51	13.82	50.49	33.09	9.97	8.16	9.2	3.458	118.3
1183	7/14/2013 17:00:50	13.68	50.39	33.01	9.99	8.16	6.8	3.487	118.1
1184	7/14/2013 17:15:51	13.69	50.60	33.16	9.72	8.15	4.5	3.504	115.0
1185	7/14/2013 17:30:50	13.81	50.28	32.93	9.68	8.14	7.2	3.500	114.7
1186	7/14/2013 17:45:50	13.78	50.39	33.01	9.82	8.14	6.9	3.468	116.4
1187	7/14/2013 18:00:51	14.06	50.45	33.06	9.81	8.16	7.4	3.431	116.9
1188	7/14/2013 18:15:50	15.82	50.32	33.01	10.68	8.23	10.1	3.382	131.8
1189	7/14/2013 18:30:50	15.56	50.57	33.19	10.76	8.23	11.1	3.300	132.2
1190	7/14/2013 18:45:51	16.58	50.61	33.24	10.54	8.24	8.8	3.226	132.3
1191	7/14/2013 19:00:50	17.03	50.57	33.22	10.51	8.24	11.1	3.142	133.0
1192	7/14/2013 19:15:50	17.56	50.68	33.30	10.50	8.25	13.3	3.056	134.2
1193	7/14/2013 19:30:50	17.72	50.66	33.29	10.44	8.26	13.0	2.984	133.9
1194	7/14/2013 19:45:50	17.80	50.63	33.26	10.34	8.26	11.5	2.892	132.8
1195	7/14/2013 20:00:50	17.87	50.63	33.27	10.27	8.25	12.0	2.818	132.1
1196	7/14/2013 20:15:50	18.01	50.70	33.32	10.26	8.25	11.7	2.744	132.4
1197	7/14/2013 20:30:51	18.18	50.85	33.43	10.04	8.25	11.7	2.665	130.0
1198	7/14/2013 20:45:50	18.20	50.64	33.27	10.19	8.26	12.1	2.580	131.8
1199	7/14/2013 21:00:51	18.16	50.77	33.38	10.22	8.27	13.7	2.503	132.2
1200	7/14/2013 21:15:50	18.18	50.40	33.10	10.21	8.27	13.0	2.440	131.9
1201	7/14/2013 21:30:50	18.60	50.76	33.36	9.82	8.25	12.8	2.356	128.1
1202	7/14/2013 21:45:50	18.62	50.85	33.43	9.73	8.26	11.9	2.286	127.0
1203	7/14/2013 22:00:50	18.36	50.86	33.44	9.69	8.25	11.3	2.219	125.9
1204	7/14/2013 22:15:50	18.80	50.56	33.22	9.38	8.24	10.6	2.169	122.7
1205	7/14/2013 22:30:50	19.10	50.93	33.49	9.19	8.24	9.8	2.117	121.1
1206	7/14/2013 22:45:50	19.49	50.93	33.49	8.92	8.22	9.4	2.069	118.4
1207	7/14/2013 23:00:50	19.50	50.76	33.37	8.91	8.22	9.0	2.049	118.2
1208	7/14/2013 23:15:50	19.67	51.06	33.58	8.78	8.22	8.5	2.047	117.1
1209	7/14/2013 23:30:50	19.67	50.89	33.46	8.14	8.19	8.0	2.030	108.4
1210	7/14/2013 23:45:50	19.56	50.90	33.47	8.80	8.22	8.6	2.050	117.0
1211	7/15/2013 0:00:50	19.50	50.81	33.40	8.84	8.22	9.4	2.073	117.3
1212	7/15/2013 0:15:50	19.38	50.93	33.49	8.83	8.22	9.1	2.110	117.0
1213	7/15/2013 0:30:50	19.33	50.86	33.44	8.91	8.21	9.2	2.160	117.9
1214	7/15/2013 0:45:50	19.29	50.80	33.39	8.88	8.22	9.8	2.214	117.3
1215	7/15/2013 1:00:50	19.27	50.96	33.52	8.81	8.21	10.5	2.278	116.5
1216	7/15/2013 1:15:51	19.49	51.03	33.56	8.48	8.18	12.6	2.335	112.6
1217	7/15/2013 1:30:50	19.40	51.00	33.54	8.49	8.18	11.5	2.396	112.5
1218	7/15/2013 1:45:50	19.24	50.90	33.47	8.59	8.19	10.6	2.454	113.4

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1219	7/15/2013 2:00:50	19.05	50.86	33.44	8.75	8.20	9.8	2.508	115.1
1220	7/15/2013 2:15:50	18.80	50.81	33.41	8.85	8.20	9.7	2.563	115.9
1221	7/15/2013 2:30:50	18.34	50.61	33.25	9.01	8.20	9.5	2.617	116.8
1222	7/15/2013 2:45:50	17.96	50.74	33.35	9.14	8.21	8.6	2.672	117.8
1223	7/15/2013 3:00:51	17.73	50.77	33.37	9.19	8.21	8.1	2.721	117.9
1224	7/15/2013 3:15:51	17.49	50.80	33.39	9.21	8.20	7.5	2.772	117.6
1225	7/15/2013 3:30:51	17.26	50.71	33.32	9.32	8.20	7.5	2.821	118.4
1226	7/15/2013 3:45:50	17.13	50.60	33.24	9.31	8.20	7.5	2.861	118.1
1227	7/15/2013 4:00:50	16.93	50.60	33.23	9.31	8.20	7.2	2.907	117.6
1228	7/15/2013 4:15:50	16.63	50.64	33.27	9.32	8.19	7.0	2.950	117.1
1229	7/15/2013 4:30:50	16.38	50.55	33.19	9.27	8.19	6.6	2.990	115.8
1230	7/15/2013 4:45:51	16.22	50.63	33.25	9.25	8.18	6.9	3.020	115.2
1231	7/15/2013 5:00:51	16.16	50.59	33.21	9.13	8.18	5.6	3.029	113.6
1232	7/15/2013 5:15:50	15.89	50.56	33.19	9.11	8.17	5.4	3.060	112.7
1233	7/15/2013 5:30:50	16.22	50.62	33.24	8.93	8.17	6.7	3.056	111.2
1234	7/15/2013 5:45:51	16.04	50.60	33.22	8.69	8.15	6.9	3.042	107.8
1235	7/15/2013 6:00:51	15.96	50.59	33.22	8.89	8.15	6.4	3.012	110.1
1236	7/15/2013 6:15:51	16.29	50.67	33.28	8.69	8.16	7.2	2.971	108.4
1237	7/15/2013 6:30:51	17.10	50.67	33.29	8.33	8.17	11.1	2.933	105.6
1238	7/15/2013 6:45:51	17.11	50.85	33.42	8.43	8.18	14.9	2.859	106.9
1239	7/15/2013 7:00:51	16.94	50.72	33.32	8.67	8.18	13.7	2.790	109.5
1240	7/15/2013 7:15:51	17.07	50.71	33.32	8.66	8.18	13.3	2.731	109.7
1241	7/15/2013 7:30:51	16.98	50.81	33.39	8.71	8.18	10.5	2.667	110.1
1242	7/15/2013 7:45:50	17.00	50.66	33.28	8.82	8.18	10.6	2.576	111.5
1243	7/15/2013 8:00:50	17.37	50.75	33.35	8.59	8.19	10.7	2.505	109.5
1244	7/15/2013 8:15:50	17.73	50.79	33.38	8.32	8.18	11.2	2.441	106.8
1245	7/15/2013 8:30:50	17.62	50.87	33.44	8.35	8.18	11.1	2.378	107.0
1246	7/15/2013 8:45:50	18.05	50.86	33.44	8.25	8.19	11.5	2.309	106.6
1247	7/15/2013 9:00:51	18.05	50.88	33.45	8.23	8.18	11.5	2.238	106.4
1248	7/15/2013 9:15:51	18.11	50.98	33.52	8.23	8.18	10.4	2.176	106.5
1249	7/15/2013 9:30:51	18.47	50.88	33.46	8.00	8.18	10.5	2.123	104.1
1250	7/15/2013 9:45:50	18.48	50.76	33.36	8.02	8.18	10.1	2.076	104.4
1251	7/15/2013 10:00:50	18.52	50.82	33.41	7.97	8.17	9.4	2.017	103.8
1252	7/15/2013 10:15:50	18.62	50.92	33.48	7.91	8.17	9.2	1.983	103.3
1253	7/15/2013 10:30:50	18.78	50.69	33.32	7.93	8.18	9.4	1.970	103.8
1254	7/15/2013 10:45:50	18.92	50.90	33.47	7.74	8.17	9.0	1.956	101.7
1255	7/15/2013 11:00:50	18.94	50.91	33.48	7.60	8.16	7.8	1.935	99.9
1256	7/15/2013 11:15:50	18.97	50.89	33.46	7.88	8.17	10.5	1.947	103.6
1257	7/15/2013 11:30:50	18.96	50.85	33.43	7.89	8.17	10.2	1.977	103.7
1258	7/15/2013 11:45:50	18.88	50.99	33.54	7.94	8.17	10.9	2.012	104.3
1259	7/15/2013 12:00:50	18.91	50.78	33.38	7.96	8.17	10.9	2.044	104.4
1260	7/15/2013 12:15:50	18.90	50.99	33.54	7.96	8.17	10.7	2.095	104.5
1261	7/15/2013 12:30:50	18.84	50.84	33.42	7.95	8.17	11.8	2.173	104.3
1262	7/15/2013 12:45:50	18.70	50.80	33.39	8.06	8.17	12.3	2.238	105.4
1263	7/15/2013 13:00:50	18.64	50.86	33.44	7.96	8.17	11.4	2.290	104.0
1264	7/15/2013 13:15:50	18.53	50.47	33.15	7.87	8.16	10.4	2.362	102.4
1265	7/15/2013 13:30:50	18.43	50.77	33.38	8.16	8.18	11.5	2.440	106.1
1266	7/15/2013 13:45:50	18.29	50.78	33.38	8.36	8.18	11.4	2.509	108.4
1267	7/15/2013 14:00:51	18.11	50.78	33.38	8.41	8.18	12.6	2.578	108.8
1268	7/15/2013 14:15:51	17.83	50.77	33.37	8.92	8.19	11.3	2.648	114.7
1269	7/15/2013 14:30:50	17.57	50.69	33.31	9.05	8.20	10.8	2.731	115.7
1270	7/15/2013 14:45:50	17.37	50.52	33.18	9.17	8.20	11.9	2.799	116.7
1271	7/15/2013 15:00:51	17.03	50.70	33.31	9.32	8.20	12.3	2.866	117.9

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1272	7/15/2013 15:15:51	16.68	50.63	33.25	9.39	8.20	12.5	2.952	118.0
1273	7/15/2013 15:30:50	16.43	50.53	33.18	9.37	8.19	14.1	3.032	117.1
1274	7/15/2013 15:45:50	15.96	50.51	33.16	9.55	8.19	17.0	3.112	118.3
1275	7/15/2013 16:00:51	15.36	50.53	33.16	9.87	8.19	15.3	3.193	120.9
1276	7/15/2013 16:15:50	15.00	50.36	33.02	10.03	8.19	13.7	3.273	121.8
1277	7/15/2013 16:30:50	14.62	50.49	33.11	10.08	8.19	13.6	3.351	121.5
1278	7/15/2013 16:45:51	14.35	50.49	33.11	10.13	8.19	11.4	3.412	121.4
1279	7/15/2013 17:00:51	14.09	50.58	33.16	10.10	8.18	10.0	3.479	120.6
1280	7/15/2013 17:15:50	13.85	50.39	33.01	10.13	8.18	7.6	3.527	120.1
1281	7/15/2013 17:30:50	13.79	50.36	32.99	10.06	8.18	6.7	3.560	119.2
1282	7/15/2013 17:45:51	13.55	50.46	33.06	10.11	8.17	7.2	3.585	119.3
1283	7/15/2013 18:00:50	14.21	50.35	33.00	10.02	8.18	7.3	3.596	119.8
1284	7/15/2013 18:15:50	13.88	50.27	32.93	9.78	8.16	7.5	3.592	116.0
1285	7/15/2013 18:30:50	13.63	50.38	33.00	9.96	8.17	7.9	3.565	117.6
1286	7/15/2013 18:45:50	13.82	50.40	33.02	9.82	8.17	7.3	3.527	116.4
1287	7/15/2013 19:00:51	14.43	50.55	33.15	10.06	8.19	8.9	3.480	120.8
1288	7/15/2013 19:15:51	14.53	50.57	33.16	10.43	8.22	8.8	3.409	125.5
1289	7/15/2013 19:30:51	14.26	50.48	33.09	10.36	8.21	8.9	3.329	124.0
1290	7/15/2013 19:45:50	14.73	50.46	33.09	10.22	8.22	9.1	3.255	123.5
1291	7/15/2013 20:00:50	15.73	50.61	33.22	10.02	8.24	10.6	3.168	123.6
1292	7/15/2013 20:15:50	16.30	50.64	33.25	9.85	8.24	13.0	3.076	122.8
1293	7/15/2013 20:30:50	16.79	50.64	33.27	9.66	8.24	12.4	2.990	121.7
1294	7/15/2013 20:45:50	17.08	50.71	33.32	9.46	8.23	12.2	2.914	119.8
1295	7/15/2013 21:00:51	17.20	50.78	33.37	9.36	8.23	12.0	2.831	118.8
1296	7/15/2013 21:15:50	17.20	50.83	33.41	9.22	8.22	12.9	2.746	117.2
1297	7/15/2013 21:30:50	17.54	50.86	33.44	9.08	8.21	12.6	2.658	116.2
1298	7/15/2013 21:45:51	17.58	50.80	33.39	8.93	8.22	14.3	2.597	114.3
1299	7/15/2013 22:00:50	17.54	50.79	33.38	8.89	8.22	14.2	2.509	113.6
1300	7/15/2013 22:15:50	17.63	50.79	33.38	8.78	8.22	14.7	2.426	112.5
1301	7/15/2013 22:30:51	17.82	50.79	33.38	8.65	8.21	14.1	2.348	111.3
1302	7/15/2013 22:45:51	18.02	50.85	33.43	8.53	8.21	13.3	2.262	110.2
1303	7/15/2013 23:00:51	18.06	50.87	33.44	8.36	8.20	14.0	2.195	108.0
1304	7/15/2013 23:15:50	18.15	50.79	33.38	8.28	8.20	13.4	2.121	107.2
1305	7/15/2013 23:30:51	18.18	50.92	33.48	8.19	8.20	12.9	2.046	106.1
1306	7/15/2013 23:45:50	18.64	50.73	33.35	8.08	8.20	11.5	2.019	105.5
1307	7/16/2013 0:00:50	18.73	50.87	33.45	8.03	8.19	11.3	1.972	105.1
1308	7/16/2013 0:15:50	18.93	50.91	33.48	7.94	8.19	10.3	1.928	104.3
1309	7/16/2013 0:30:50	19.01	50.90	33.47	7.87	8.19	10.1	1.936	103.5
1310	7/16/2013 0:45:50	18.94	50.94	33.50	7.88	8.19	11.1	1.951	103.5
1311	7/16/2013 1:00:50	18.92	50.92	33.48	7.91	8.19	9.7	1.946	103.9
1312	7/16/2013 1:15:50	18.82	51.01	33.55	7.91	8.19	10.4	1.991	103.8
1313	7/16/2013 1:30:50	18.74	50.90	33.47	7.99	8.19	10.4	2.031	104.6
1314	7/16/2013 1:45:50	18.66	50.80	33.40	8.03	8.19	9.9	2.096	104.9
1315	7/16/2013 2:00:50	18.58	50.95	33.50	8.01	8.19	10.6	2.154	104.5
1316	7/16/2013 2:15:50	18.46	50.96	33.52	8.02	8.19	10.3	2.203	104.4
1317	7/16/2013 2:30:51	18.39	50.96	33.51	8.04	8.18	10.1	2.276	104.6
1318	7/16/2013 2:45:51	18.19	50.78	33.38	8.17	8.19	8.8	2.328	105.7
1319	7/16/2013 3:00:51	18.10	50.90	33.47	8.19	8.19	8.8	2.391	106.0
1320	7/16/2013 3:15:50	17.96	50.82	33.41	8.21	8.19	8.4	2.440	105.9
1321	7/16/2013 3:30:51	17.94	50.87	33.44	8.19	8.19	8.4	2.479	105.6
1322	7/16/2013 3:45:50	17.90	50.85	33.43	8.19	8.19	8.8	2.555	105.5
1323	7/16/2013 4:00:50	17.64	50.73	33.34	8.36	8.19	8.9	2.600	107.1
1324	7/16/2013 4:15:50	17.54	50.70	33.32	8.40	8.19	8.1	2.643	107.3

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1325	7/16/2013 4:30:50	17.40	50.57	33.22	8.42	8.19	8.2	2.690	107.3
1326	7/16/2013 4:45:50	17.21	50.66	33.29	8.50	8.19	7.8	2.747	107.9
1327	7/16/2013 5:00:51	17.07	50.71	33.32	8.59	8.19	7.6	2.792	108.8
1328	7/16/2013 5:15:51	16.91	50.66	33.28	8.62	8.19	7.5	2.818	108.8
1329	7/16/2013 5:30:51	16.72	50.68	33.29	8.63	8.19	8.0	2.869	108.6
1330	7/16/2013 5:45:50	16.48	50.63	33.25	8.65	8.19	7.5	2.912	108.3
1331	7/16/2013 6:00:51	16.29	50.62	33.24	8.72	8.18	7.3	2.938	108.7
1332	7/16/2013 6:15:51	16.26	50.65	33.26	8.61	8.18	6.7	2.959	107.4
1333	7/16/2013 6:30:50	16.39	50.70	33.30	8.04	8.15	7.3	2.974	100.5
1334	7/16/2013 6:45:51	16.37	50.69	33.29	8.04	8.15	7.1	2.980	100.4
1335	7/16/2013 7:00:50	16.19	50.65	33.26	8.13	8.14	7.7	2.971	101.2
1336	7/16/2013 7:15:51	16.18	50.59	33.22	8.27	8.15	7.3	2.942	102.9
1337	7/16/2013 7:30:50	16.40	50.61	33.24	8.17	8.16	8.5	2.908	102.1
1338	7/16/2013 7:45:51	16.81	50.67	33.28	8.07	8.16	10.3	2.862	101.6
1339	7/16/2013 8:00:51	17.17	50.77	33.37	7.78	8.17	13.7	2.812	98.8
1340	7/16/2013 8:15:51	17.09	50.88	33.45	7.73	8.17	15.2	2.737	98.1
1341	7/16/2013 8:30:51	16.99	50.77	33.36	8.06	8.18	12.9	2.681	101.9
1342	7/16/2013 8:45:51	16.92	50.80	33.39	8.13	8.18	12.0	2.628	102.8
1343	7/16/2013 9:00:51	17.21	50.74	33.34	7.90	8.16	13.9	2.562	100.4
1344	7/16/2013 9:15:51	16.83	50.62	33.25	8.26	8.18	12.0	2.503	104.2
1345	7/16/2013 9:30:50	17.15	50.66	33.29	8.08	8.17	11.5	2.446	102.5
1346	7/16/2013 9:45:50	17.31	50.81	33.40	7.94	8.17	11.8	2.391	101.1
1347	7/16/2013 10:00:51	17.33	50.86	33.43	7.89	8.17	11.4	2.346	100.5
1348	7/16/2013 10:15:51	17.47	50.88	33.45	7.83	8.17	10.9	2.293	100.0
1349	7/16/2013 10:30:50	17.59	50.77	33.37	7.86	8.18	10.7	2.239	100.6
1350	7/16/2013 10:45:50	17.74	50.67	33.29	7.81	8.18	10.5	2.216	100.3
1351	7/16/2013 11:00:50	17.86	50.84	33.42	7.69	8.17	10.7	2.175	99.0
1352	7/16/2013 11:15:51	17.94	50.90	33.47	7.68	8.17	10.2	2.150	99.0
1353	7/16/2013 11:30:50	18.03	50.83	33.41	7.65	8.17	9.9	2.139	98.8
1354	7/16/2013 11:45:51	18.16	50.97	33.52	7.47	8.16	8.6	2.137	96.7
1355	7/16/2013 12:00:51	18.21	50.94	33.49	7.31	8.15	9.5	2.134	94.8
1356	7/16/2013 12:15:50	18.12	50.79	33.39	7.63	8.16	9.5	2.165	98.7
1357	7/16/2013 12:30:51	18.08	50.88	33.45	7.52	8.16	10.6	2.188	97.2
1358	7/16/2013 12:45:51	18.01	50.87	33.44	7.53	8.16	10.9	2.219	97.2
1359	7/16/2013 13:00:51	18.01	50.86	33.44	7.52	8.16	10.8	2.276	97.1
1360	7/16/2013 13:15:51	17.93	50.88	33.45	7.50	8.16	12.3	2.325	96.7
1361	7/16/2013 13:30:50	17.82	50.85	33.43	7.55	8.15	11.2	2.387	97.1
1362	7/16/2013 13:45:50	17.70	50.76	33.36	7.52	8.15	11.7	2.440	96.4
1363	7/16/2013 14:00:50	17.57	50.79	33.38	7.57	8.15	11.7	2.509	96.8
1364	7/16/2013 14:15:51	17.53	50.77	33.37	7.81	8.16	11.7	2.581	99.9
1365	7/16/2013 14:30:51	17.40	50.83	33.41	8.03	8.17	11.7	2.650	102.4
1366	7/16/2013 14:45:50	17.25	50.59	33.24	8.05	8.16	12.8	2.709	102.3
1367	7/16/2013 15:00:50	16.99	50.54	33.19	8.27	8.17	11.9	2.783	104.6
1368	7/16/2013 15:15:50	16.80	50.46	33.13	8.48	8.18	11.9	2.865	106.7
1369	7/16/2013 15:30:51	16.50	50.58	33.22	8.64	8.18	12.8	2.918	108.2
1370	7/16/2013 15:45:50	16.32	50.42	33.10	8.84	8.18	11.4	3.013	110.2
1371	7/16/2013 16:00:50	16.11	50.45	33.11	8.98	8.18	11.3	3.075	111.6
1372	7/16/2013 16:15:51	15.70	50.44	33.10	9.07	8.18	12.4	3.156	111.7
1373	7/16/2013 16:30:50	15.54	50.40	33.07	9.31	8.18	12.8	3.233	114.2
1374	7/16/2013 16:45:50	15.15	50.35	33.02	9.65	8.19	13.4	3.301	117.6
1375	7/16/2013 17:00:51	14.85	50.50	33.13	9.99	8.20	12.5	3.386	121.0
1376	7/16/2013 17:15:51	14.60	50.44	33.07	10.26	8.21	11.0	3.455	123.6
1377	7/16/2013 17:30:50	14.30	50.14	32.85	10.36	8.20	9.2	3.518	123.8

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1378	7/16/2013 17:45:51	14.14	50.40	33.03	10.42	8.20	8.7	3.571	124.4
1379	7/16/2013 18:00:51	13.95	50.37	33.00	10.47	8.20	7.4	3.630	124.5
1380	7/16/2013 18:15:50	13.77	50.21	32.88	10.71	8.20	6.3	3.662	126.8
1381	7/16/2013 18:30:51	13.70	50.43	33.04	10.72	8.20	5.4	3.689	126.8
1382	7/16/2013 18:45:51	14.12	50.27	32.94	10.38	8.18	7.1	3.706	123.8
1383	7/16/2013 19:00:51	13.82	50.38	33.00	10.52	8.18	5.5	3.696	124.8
1384	7/16/2013 19:15:51	13.74	50.43	33.04	10.69	8.20	6.4	3.674	126.6
1385	7/16/2013 19:30:51	14.64	50.43	33.07	10.30	8.20	12.6	3.639	124.2
1386	7/16/2013 19:45:50	15.34	50.35	33.03	10.14	8.20	17.8	3.585	124.0
1387	7/16/2013 20:00:50	14.98	50.42	33.07	10.32	8.21	18.6	3.524	125.3
1388	7/16/2013 20:15:50	15.94	50.43	33.10	9.87	8.20	17.0	3.453	122.2
1389	7/16/2013 20:30:50	16.22	50.52	33.17	9.83	8.21	13.5	3.364	122.4
1390	7/16/2013 20:45:50	16.11	50.57	33.20	9.76	8.20	15.1	3.277	121.3
1391	7/16/2013 21:00:51	16.17	50.70	33.30	9.63	8.20	14.5	3.192	119.9
1392	7/16/2013 21:15:51	16.17	50.55	33.19	9.52	8.19	14.4	3.103	118.4
1393	7/16/2013 21:30:51	16.28	50.62	33.24	9.42	8.18	14.6	3.002	117.5
1394	7/16/2013 21:45:50	16.73	50.60	33.23	9.21	8.18	15.4	2.917	115.9
1395	7/16/2013 22:00:51	17.26	50.76	33.36	8.88	8.18	17.9	2.827	112.9
1396	7/16/2013 22:15:51	17.53	50.84	33.42	8.73	8.18	16.9	2.734	111.6
1397	7/16/2013 22:30:50	17.70	50.65	33.28	8.65	8.18	17.8	2.643	110.9
1398	7/16/2013 22:45:50	17.68	50.76	33.36	8.78	8.18	18.9	2.551	112.5
1399	7/16/2013 23:00:50	17.16	50.50	33.17	8.83	8.18	17.9	2.453	111.9
1400	7/16/2013 23:15:50	17.15	50.77	33.37	8.71	8.17	18.3	2.362	110.5
1401	7/16/2013 23:30:51	17.35	50.77	33.37	8.58	8.16	18.1	2.267	109.2
1402	7/16/2013 23:45:51	17.17	50.72	33.32	8.49	8.16	18.1	2.167	107.8
1403	7/17/2013 0:00:51	16.99	50.70	33.31	8.43	8.15	17.8	2.083	106.6
1404	7/17/2013 0:15:51	17.07	50.87	33.44	8.26	8.15	16.8	1.988	104.7
1405	7/17/2013 0:30:51	17.25	50.69	33.31	8.06	8.13	16.1	1.933	102.5
1406	7/17/2013 0:45:50	17.54	50.85	33.43	7.86	8.13	15.2	1.863	100.6
1407	7/17/2013 1:00:51	17.64	50.88	33.45	7.72	8.12	14.2	1.811	99.0
1408	7/17/2013 1:15:51	17.94	50.94	33.50	7.60	8.12	13.2	1.802	97.9
1409	7/17/2013 1:30:50	18.06	50.83	33.41	7.61	8.12	13.0	1.788	98.3
1410	7/17/2013 1:45:51	17.92	50.95	33.50	7.47	8.11	12.5	1.787	96.3
1411	7/17/2013 2:00:51	18.18	50.86	33.44	7.56	8.12	12.2	1.816	97.9
1412	7/17/2013 2:15:50	18.40	50.75	33.36	7.57	8.13	10.8	1.845	98.4
1413	7/17/2013 2:30:51	18.35	51.00	33.55	7.54	8.12	12.3	1.910	98.0
1414	7/17/2013 2:45:51	18.42	50.93	33.49	7.51	8.12	11.7	1.949	97.7
1415	7/17/2013 3:00:50	18.36	50.82	33.41	7.50	8.12	11.9	2.018	97.4
1416	7/17/2013 3:15:50	18.26	50.89	33.46	7.50	8.12	11.4	2.082	97.3
1417	7/17/2013 3:30:50	18.24	50.62	33.26	7.47	8.11	11.5	2.146	96.8
1418	7/17/2013 3:45:50	18.34	50.91	33.48	7.23	8.08	14.1	2.203	94.0
1419	7/17/2013 4:00:50	18.26	50.95	33.51	7.32	8.09	12.7	2.248	94.9
1420	7/17/2013 4:15:51	18.03	50.99	33.54	7.51	8.09	11.6	2.325	97.0
1421	7/17/2013 4:30:51	17.91	50.85	33.43	7.61	8.11	10.7	2.378	98.0
1422	7/17/2013 4:45:50	17.98	50.75	33.36	7.59	8.11	11.9	2.431	97.8
1423	7/17/2013 5:00:51	18.04	50.71	33.33	7.52	8.11	12.1	2.488	97.0
1424	7/17/2013 5:15:51	17.98	50.73	33.34	7.54	8.10	12.1	2.551	97.2
1425	7/17/2013 5:30:50	17.46	50.71	33.32	8.01	8.12	11.7	2.606	102.3
1426	7/17/2013 5:45:50	17.29	50.60	33.24	8.08	8.13	11.2	2.659	102.7
1427	7/17/2013 6:00:50	17.12	50.45	33.13	8.17	8.13	10.3	2.706	103.5
1428	7/17/2013 6:15:50	17.00	50.62	33.25	8.22	8.13	9.5	2.757	103.9
1429	7/17/2013 6:30:51	16.92	50.64	33.26	8.23	8.13	9.6	2.807	103.9
1430	7/17/2013 6:45:51	16.88	50.60	33.24	8.23	8.13	8.7	2.838	103.9

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1431	7/17/2013 7:00:51	16.76	50.59	33.23	8.28	8.12	8.6	2.876	104.2
1432	7/17/2013 7:15:51	16.60	50.60	33.23	8.32	8.12	8.6	2.917	104.4
1433	7/17/2013 7:30:51	16.58	50.54	33.19	8.30	8.12	7.6	2.936	104.1
1434	7/17/2013 7:45:51	17.43	50.33	33.04	7.11	8.06	14.7	2.957	90.5
1435	7/17/2013 8:00:50	17.19	50.65	33.28	6.97	8.03	12.1	2.958	88.4
1436	7/17/2013 8:15:50	16.70	50.65	33.27	7.66	8.06	10.0	2.960	96.4
1437	7/17/2013 8:30:51	16.80	50.63	33.25	7.61	8.09	10.4	2.943	95.9
1438	7/17/2013 8:45:51	16.78	50.77	33.36	6.67	8.05	16.2	2.908	84.1
1439	7/17/2013 9:00:51	16.60	50.72	33.32	7.16	8.08	17.5	2.866	89.8
1440	7/17/2013 9:15:50	16.55	50.74	33.33	7.42	8.08	17.0	2.833	93.0
1441	7/17/2013 9:30:50	16.79	50.47	33.14	7.69	8.10	14.5	2.771	96.8
1442	7/17/2013 9:45:51	16.84	50.71	33.32	8.04	8.13	14.1	2.706	101.4
1443	7/17/2013 10:00:51	16.92	50.76	33.35	8.01	8.13	13.1	2.662	101.2
1444	7/17/2013 10:15:51	16.95	50.71	33.32	8.00	8.12	13.0	2.597	101.1
1445	7/17/2013 10:30:51	16.98	50.66	33.28	8.08	8.13	13.3	2.538	102.2
1446	7/17/2013 10:45:51	17.02	50.60	33.24	8.15	8.14	13.1	2.493	103.1
1447	7/17/2013 11:00:51	16.95	50.71	33.32	8.34	8.15	13.1	2.427	105.4
1448	7/17/2013 11:15:50	17.10	50.67	33.29	8.08	8.14	12.6	2.399	102.4
1449	7/17/2013 11:30:50	17.26	50.58	33.23	8.06	8.13	12.6	2.350	102.4
1450	7/17/2013 11:45:51	17.38	50.81	33.39	7.91	8.13	13.1	2.311	100.8
1451	7/17/2013 12:00:51	17.34	50.74	33.35	7.94	8.14	12.0	2.290	101.1
1452	7/17/2013 12:15:50	17.40	50.66	33.29	7.72	8.12	10.9	2.273	98.4
1453	7/17/2013 12:30:50	17.43	50.55	33.20	7.18	8.07	11.0	2.265	91.6
1454	7/17/2013 12:45:51	17.47	50.83	33.41	7.79	8.12	10.2	2.248	99.5
1455	7/17/2013 13:00:50	17.69	50.57	33.22	7.78	8.13	10.9	2.260	99.7
1456	7/17/2013 13:15:50	17.63	50.73	33.34	7.69	8.12	12.3	2.295	98.5
1457	7/17/2013 13:30:51	17.67	50.82	33.41	7.63	8.11	11.6	2.309	97.9
1458	7/17/2013 13:45:50	17.80	50.79	33.38	7.30	8.10	11.9	2.337	93.8
1459	7/17/2013 14:00:51	17.70	50.79	33.38	7.48	8.12	11.9	2.390	95.9
1460	7/17/2013 14:15:51	17.65	50.81	33.40	7.43	8.11	12.8	2.444	95.3
1461	7/17/2013 14:30:50	17.58	50.56	33.22	7.49	8.11	12.6	2.509	95.8
1462	7/17/2013 14:45:50	17.45	50.60	33.24	7.41	8.11	12.8	2.549	94.5
1463	7/17/2013 15:00:50	17.55	50.62	33.26	7.42	8.09	14.9	2.616	94.9
1464	7/17/2013 15:15:50	17.42	50.50	33.17	7.61	8.11	14.5	2.697	97.0
1465	7/17/2013 15:30:51	17.21	50.69	33.30	8.07	8.13	14.0	2.746	102.5
1466	7/17/2013 15:45:50	17.12	50.37	33.07	8.22	8.14	12.4	2.810	104.0
1467	7/17/2013 16:00:50	16.86	50.58	33.22	8.30	8.14	12.8	2.879	104.7
1468	7/17/2013 16:15:51	16.60	50.50	33.16	8.52	8.15	12.9	2.959	106.9
1469	7/17/2013 16:30:50	16.31	50.28	33.00	8.79	8.15	13.3	3.029	109.6
1470	7/17/2013 16:45:50	16.13	50.33	33.03	8.94	8.16	12.7	3.096	111.1
1471	7/17/2013 17:00:50	15.95	50.31	33.01	9.14	8.16	12.5	3.175	113.1
1472	7/17/2013 17:15:50	15.68	50.28	32.98	9.54	8.18	11.9	3.258	117.4
1473	7/17/2013 17:30:50	15.49	50.27	32.97	9.68	8.17	12.5	3.338	118.6
1474	7/17/2013 17:45:50	15.14	50.22	32.93	10.22	8.20	14.0	3.404	124.4
1475	7/17/2013 18:00:51	14.91	50.36	33.03	10.54	8.22	12.6	3.482	127.7
1476	7/17/2013 18:15:51	14.63	50.27	32.95	10.82	8.22	11.6	3.560	130.4
1477	7/17/2013 18:30:51	14.27	50.24	32.92	10.97	8.23	11.5	3.624	131.2
1478	7/17/2013 18:45:51	13.89	50.14	32.84	11.07	8.22	10.9	3.671	131.2
1479	7/17/2013 19:00:50	13.70	50.11	32.81	11.04	8.20	10.2	3.718	130.4
1480	7/17/2013 19:15:51	13.60	50.18	32.85	11.07	8.22	8.7	3.766	130.6
1481	7/17/2013 19:30:51	13.50	50.20	32.87	10.89	8.17	6.1	3.781	128.1
1482	7/17/2013 19:45:50	13.90	50.06	32.77	10.76	8.21	8.6	3.779	127.6
1483	7/17/2013 20:00:51	13.62	50.35	32.98	10.79	8.19	7.8	3.770	127.4

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1484	7/17/2013 20:15:50	13.74	50.06	32.77	10.78	8.20	7.8	3.743	127.4
1485	7/17/2013 20:30:50	14.41	50.12	32.84	10.73	8.22	14.1	3.692	128.7
1486	7/17/2013 20:45:51	14.38	50.27	32.95	10.66	8.22	12.9	3.627	127.8
1487	7/17/2013 21:00:51	14.22	50.37	33.02	10.65	8.22	14.6	3.546	127.3
1488	7/17/2013 21:15:51	14.66	50.33	33.00	10.43	8.21	14.3	3.462	125.7
1489	7/17/2013 21:30:50	15.69	50.44	33.10	9.90	8.21	17.4	3.374	122.0
1490	7/17/2013 21:45:51	15.93	50.54	33.18	9.75	8.19	14.1	3.278	120.7
1491	7/17/2013 22:00:51	15.99	50.41	33.09	9.65	8.19	13.6	3.177	119.6
1492	7/17/2013 22:15:50	16.03	50.56	33.19	9.50	8.20	15.1	3.083	117.9
1493	7/17/2013 22:30:51	16.45	50.67	33.28	9.20	8.18	14.8	2.985	115.1
1494	7/17/2013 22:45:51	16.75	50.71	33.31	8.94	8.18	15.5	2.880	112.6
1495	7/17/2013 23:00:51	17.05	50.78	33.37	8.72	8.18	16.1	2.770	110.5
1496	7/17/2013 23:15:50	17.19	50.77	33.37	8.85	8.19	17.9	2.667	112.4
1497	7/17/2013 23:30:51	16.86	50.77	33.36	8.85	8.19	16.4	2.562	111.6
1498	7/17/2013 23:45:50	15.77	50.51	33.15	9.23	8.20	17.0	2.442	113.8
1499	7/18/2013 0:00:51	16.45	50.66	33.27	8.89	8.18	17.2	2.326	111.2
1500	7/18/2013 0:15:51	16.53	50.79	33.37	8.74	8.19	16.8	2.216	109.5
1501	7/18/2013 0:30:50	16.46	50.60	33.23	8.61	8.17	17.2	2.092	107.8
1502	7/18/2013 0:45:51	16.30	50.81	33.38	8.44	8.16	16.9	1.976	105.4
1503	7/18/2013 1:00:50	16.46	50.71	33.31	8.22	8.15	15.7	1.877	103.0
1504	7/18/2013 1:15:50	16.85	50.62	33.25	7.98	8.13	15.1	1.788	100.6
1505	7/18/2013 1:30:50	16.86	50.87	33.44	7.85	8.14	15.0	1.687	99.1
1506	7/18/2013 1:45:51	17.14	50.99	33.53	7.65	8.13	13.7	1.633	97.2
1507	7/18/2013 2:00:51	17.42	50.87	33.44	7.50	8.11	13.6	1.579	95.7
1508	7/18/2013 2:15:50	17.48	50.76	33.36	7.42	8.12	11.8	1.550	94.7
1509	7/18/2013 2:30:50	17.52	50.91	33.47	7.44	8.12	11.7	1.533	95.2
1510	7/18/2013 2:45:50	17.44	50.96	33.51	7.37	8.12	11.7	1.541	94.2
1511	7/18/2013 3:00:50	17.55	50.76	33.36	7.45	8.13	11.2	1.587	95.3
1512	7/18/2013 3:15:51	17.60	51.04	33.56	7.44	8.12	10.7	1.622	95.3
1513	7/18/2013 3:30:50	17.74	50.79	33.39	7.37	8.13	11.0	1.658	94.6
1514	7/18/2013 3:45:50	17.75	50.66	33.29	7.40	8.13	11.1	1.733	94.9
1515	7/18/2013 4:00:50	17.65	50.86	33.44	7.41	8.12	11.2	1.806	95.1
1516	7/18/2013 4:15:50	17.64	50.96	33.51	7.37	8.12	11.5	1.863	94.5
1517	7/18/2013 4:30:51	17.59	50.92	33.48	7.36	8.12	11.2	1.921	94.3
1518	7/18/2013 4:45:50	17.44	50.79	33.38	7.41	8.13	10.0	1.990	94.6
1519	7/18/2013 5:00:50	17.38	50.74	33.34	7.40	8.12	10.0	2.068	94.3
1520	7/18/2013 5:15:50	17.26	50.88	33.45	7.53	8.13	10.8	2.131	95.8
1521	7/18/2013 5:30:51	17.20	50.95	33.49	7.57	8.13	11.5	2.204	96.2
1522	7/18/2013 5:45:51	17.22	50.93	33.49	7.58	8.13	10.9	2.275	96.4
1523	7/18/2013 6:00:51	17.25	50.84	33.41	7.59	8.13	11.1	2.346	96.5
1524	7/18/2013 6:15:50	17.28	50.68	33.30	7.57	8.13	11.8	2.419	96.3
1525	7/18/2013 6:30:51	17.27	50.93	33.48	7.56	8.13	11.7	2.478	96.3
1526	7/18/2013 6:45:51	17.21	50.97	33.51	7.61	8.13	12.1	2.549	96.8
1527	7/18/2013 7:00:51	17.07	50.71	33.32	7.75	8.14	12.6	2.612	98.2
1528	7/18/2013 7:15:51	16.89	50.60	33.24	7.83	8.15	10.9	2.672	98.8
1529	7/18/2013 7:30:50	16.72	50.70	33.31	7.93	8.14	10.8	2.723	99.7
1530	7/18/2013 7:45:51	16.61	50.66	33.28	7.99	8.15	11.5	2.774	100.3
1531	7/18/2013 8:00:50	16.50	50.55	33.19	8.08	8.15	11.3	2.827	101.1
1532	7/18/2013 8:15:51	16.36	50.73	33.32	8.21	8.14	10.3	2.871	102.6
1533	7/18/2013 8:30:51	16.30	50.62	33.25	8.24	8.14	9.4	2.906	102.8
1534	7/18/2013 8:45:50	16.27	50.49	33.15	8.20	8.14	9.4	2.941	102.2
1535	7/18/2013 9:00:51	16.12	50.61	33.23	8.31	8.15	8.7	2.969	103.3
1536	7/18/2013 9:15:51	16.46	50.35	33.05	8.01	8.12	10.5	2.984	100.1

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1537	7/18/2013 9:30:51	16.68	50.78	33.37	7.30	8.09	9.8	2.984	91.8
1538	7/18/2013 9:45:50	16.21	50.37	33.06	7.83	8.11	8.6	2.974	97.4
1539	7/18/2013 10:00:50	16.13	50.44	33.11	8.09	8.13	7.9	2.953	100.5
1540	7/18/2013 10:15:51	16.14	50.67	33.28	8.10	8.14	8.7	2.927	100.7
1541	7/18/2013 10:30:51	16.39	50.66	33.28	8.06	8.14	10.4	2.867	100.7
1542	7/18/2013 10:45:51	16.73	50.81	33.39	7.95	8.13	13.1	2.808	100.1
1543	7/18/2013 11:00:51	16.82	50.72	33.32	8.05	8.13	12.3	2.761	101.6
1544	7/18/2013 11:15:51	16.90	50.80	33.38	8.15	8.14	11.8	2.709	103.0
1545	7/18/2013 11:30:50	16.84	50.58	33.22	7.98	8.14	11.1	2.633	100.6
1546	7/18/2013 11:45:50	16.94	50.56	33.21	7.88	8.13	10.7	2.583	99.6
1547	7/18/2013 12:00:51	17.00	50.77	33.37	7.80	8.11	9.8	2.540	98.7
1548	7/18/2013 12:15:51	17.09	50.77	33.36	7.57	8.10	10.0	2.487	96.0
1549	7/18/2013 12:30:51	17.18	50.79	33.38	7.60	8.09	10.1	2.430	96.5
1550	7/18/2013 12:45:51	17.24	50.87	33.44	7.60	8.10	10.2	2.384	96.7
1551	7/18/2013 13:00:50	17.30	50.71	33.32	7.53	8.10	10.5	2.372	95.9
1552	7/18/2013 13:15:50	17.40	50.64	33.27	7.68	8.11	10.0	2.344	97.9
1553	7/18/2013 13:30:50	17.48	50.59	33.24	7.71	8.09	9.8	2.305	98.4
1554	7/18/2013 13:45:50	17.61	50.56	33.21	7.80	8.10	9.4	2.310	99.7
1555	7/18/2013 14:00:50	17.63	50.85	33.42	8.29	8.13	10.9	2.325	106.2
1556	7/18/2013 14:15:51	17.57	50.76	33.36	7.91	8.12	9.8	2.327	101.3
1557	7/18/2013 14:30:50	17.47	50.77	33.37	8.21	8.13	10.4	2.343	104.8
1558	7/18/2013 14:45:51	17.58	50.86	33.44	8.18	8.13	9.8	2.373	104.7
1559	7/18/2013 15:00:50	17.66	50.57	33.22	8.23	8.13	11.1	2.427	105.4
1560	7/18/2013 15:15:50	17.55	50.79	33.38	8.24	8.13	10.6	2.472	105.3
1561	7/18/2013 15:30:51	17.43	50.87	33.44	8.19	8.13	11.3	2.515	104.6
1562	7/18/2013 15:45:50	17.37	50.59	33.24	8.43	8.14	10.1	2.577	107.4
1563	7/18/2013 16:00:50	17.20	50.52	33.18	8.50	8.15	11.3	2.651	107.8
1564	7/18/2013 16:15:51	17.05	50.72	33.33	8.65	8.15	11.4	2.709	109.5
1565	7/18/2013 16:30:51	16.96	50.66	33.28	8.66	8.15	10.7	2.766	109.5
1566	7/18/2013 16:45:51	16.88	50.58	33.22	8.56	8.15	10.9	2.847	107.9
1567	7/18/2013 17:00:51	16.58	50.57	33.21	8.75	8.15	11.7	2.922	109.7
1568	7/18/2013 17:15:51	15.99	50.57	33.20	9.02	8.15	11.0	2.992	111.8
1569	7/18/2013 17:30:51	15.74	50.22	32.94	9.20	8.16	10.8	3.067	113.3
1570	7/18/2013 17:45:51	15.69	50.48	33.13	9.23	8.16	11.3	3.150	113.7
1571	7/18/2013 18:00:51	15.39	50.40	33.06	9.47	8.17	11.1	3.232	115.9
1572	7/18/2013 18:15:51	15.08	50.36	33.03	9.74	8.17	12.2	3.309	118.5
1573	7/18/2013 18:30:51	14.69	50.28	32.96	10.06	8.18	12.5	3.389	121.3
1574	7/18/2013 18:45:51	14.41	50.32	32.98	10.40	8.19	12.6	3.477	124.8
1575	7/18/2013 19:00:51	14.13	50.17	32.86	10.52	8.19	14.0	3.559	125.3
1576	7/18/2013 19:15:51	13.83	50.25	32.91	10.49	8.18	12.7	3.621	124.4
1577	7/18/2013 19:30:50	13.47	50.09	32.78	10.48	8.17	11.2	3.692	123.2
1578	7/18/2013 19:45:51	13.12	50.17	32.83	10.56	8.16	11.1	3.752	123.3
1579	7/18/2013 20:00:51	12.95	50.08	32.75	10.65	8.16	8.5	3.796	123.8
1580	7/18/2013 20:15:51	12.83	50.26	32.88	10.68	8.16	6.4	3.829	124.0
1581	7/18/2013 20:30:50	12.89	50.13	32.79	10.47	8.13	4.7	3.847	121.6
1582	7/18/2013 20:45:51	13.34	50.11	32.79	10.19	8.14	6.5	3.856	119.4
1583	7/18/2013 21:00:50	12.92	50.19	32.83	10.36	8.14	6.0	3.838	120.4
1584	7/18/2013 21:15:51	13.05	50.21	32.85	10.40	8.15	7.0	3.792	121.3
1585	7/18/2013 21:30:50	13.68	50.10	32.80	10.13	8.17	9.3	3.743	119.6
1586	7/18/2013 21:45:50	13.85	50.26	32.92	10.13	8.17	10.0	3.672	120.1
1587	7/18/2013 22:00:51	14.15	50.48	33.09	9.99	8.17	9.0	3.592	119.2
1588	7/18/2013 22:15:51	14.65	50.45	33.08	9.85	8.16	9.4	3.488	118.9
1589	7/18/2013 22:30:50	15.00	50.44	33.08	10.00	8.18	12.5	3.380	121.4

sonde #2 Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%
1590	7/18/2013 22:45:50	15.19	50.38	33.05	9.97	8.19	11.1	3.291	121.5
1591	7/18/2013 23:00:51	15.32	50.42	33.08	9.90	8.19	11.4	3.177	121.0
1592	7/18/2013 23:15:51	15.59	50.58	33.20	9.62	8.18	13.0	3.061	118.3
1593	7/18/2013 23:30:51	15.98	50.62	33.23	9.35	8.18	14.1	2.949	115.9
1594	7/18/2013 23:45:50	16.41	50.44	33.12	9.17	8.18	13.6	2.841	114.5
1595	7/19/2013 0:00:50	16.76	50.60	33.23	9.01	8.17	15.0	2.721	113.4
1596	7/19/2013 0:15:51	16.94	50.69	33.31	8.92	8.17	16.0	2.586	112.7
1597	7/19/2013 0:30:51	16.60	50.71	33.32	9.02	8.16	17.8	2.468	113.2
1598	7/19/2013 0:45:51	16.80	50.62	33.25	8.89	8.16	15.7	2.347	112.0
1599	7/19/2013 1:00:50	16.59	50.73	33.33	8.86	8.16	15.8	2.209	111.2
1600	7/19/2013 1:15:51	16.71	50.78	33.36	8.70	8.15	17.7	2.069	109.5
1601	7/19/2013 1:30:51	16.50	50.77	33.36	8.64	8.14	17.2	1.945	108.2
1602	7/19/2013 1:45:51	16.86	50.74	33.33	8.43	8.14	17.0	1.816	106.4
1603	7/19/2013 2:00:51	17.02	50.88	33.44	8.30	8.14	17.7	1.682	105.2
1604	7/19/2013 2:15:51	17.48	50.90	33.47	8.16	8.13	16.2	1.577	104.3
1605	7/19/2013 2:30:51	17.59	50.87	33.44	8.03	8.13	14.0	1.480	102.9
1606	7/19/2013 2:45:51	17.70	50.99	33.53	7.95	8.13	13.6	1.404	102.0
1607	7/19/2013 3:00:50	17.89	50.87	33.44	7.93	8.12	14.6	1.332	102.1
1608	7/19/2013 3:15:51	18.08	50.99	33.53	7.83	8.12	14.3	1.290	101.3
1609	7/19/2013 3:30:50	17.89	50.89	33.46	7.83	8.12	14.3	1.313	100.8
1610	7/19/2013 3:45:50	18.16	50.77	33.37	7.87	8.13	10.9	1.302	101.8
1611	7/19/2013 4:00:50	18.16	50.84	33.42	7.93	8.13	10.6	1.353	102.7
1612	7/19/2013 4:15:51	18.11	51.01	33.55	7.89	8.13	9.8	1.393	102.1
1613	7/19/2013 4:30:51	18.17	51.03	33.56	7.90	8.13	10.8	1.469	102.3
1614	7/19/2013 4:45:50	18.11	50.66	33.29	7.92	8.13	10.8	1.550	102.4
1615	7/19/2013 5:00:50	18.10	51.04	33.57	7.82	8.12	11.8	1.594	101.2
1616	7/19/2013 5:15:51	18.56	50.88	33.45	7.58	8.08	15.5	1.671	98.9
1617	7/19/2013 5:30:50	18.62	50.81	33.41	7.46	8.06	16.8	1.764	97.4
1618	7/19/2013 5:45:50	18.43	50.80	33.39	7.65	8.08	15.6	1.828	99.5
1619	7/19/2013 6:00:50	18.22	50.90	33.47	7.72	8.09	13.1	1.892	100.0
1620	7/19/2013 6:15:50	18.14	50.80	33.39	7.70	8.10	13.3	1.988	99.6
1621	7/19/2013 6:30:51	18.06	50.78	33.38	7.73	8.10	13.3	2.072	99.8
1622	7/19/2013 6:45:51	17.96	50.88	33.45	7.74	8.10	13.3	2.148	99.8
1623	7/19/2013 7:00:50	17.70	50.70	33.32	7.84	8.11	13.1	2.237	100.5
1624	7/19/2013 7:15:50	17.53	50.73	33.34	7.89	8.11	12.6	2.320	100.8
1625	7/19/2013 7:30:50	17.36	50.69	33.31	8.00	8.13	11.6	2.403	101.9
1626	7/19/2013 7:45:50	17.29	50.56	33.21	8.03	8.13	12.7	2.482	102.0
1627	7/19/2013 8:00:51	17.14	50.84	33.41	8.07	8.14	12.2	2.552	102.5
1628	7/19/2013 8:15:51	16.97	50.73	33.33	8.16	8.14	12.5	2.627	103.2
1629	7/19/2013 8:30:51	16.80	50.60	33.23	8.23	8.14	12.0	2.697	103.6
1630	7/19/2013 8:45:50	16.69	50.64	33.26	8.23	8.14	13.0	2.759	103.4
1631	7/19/2013 9:00:50	16.52	50.43	33.11	8.36	8.14	10.4	2.822	104.6
1632	7/19/2013 9:15:51	16.33	50.62	33.24	8.41	8.14	12.5	2.872	104.9
1633	7/19/2013 9:30:50	16.08	50.43	33.10	8.53	8.14	11.2	2.922	105.8
1634	7/19/2013 9:45:50	15.85	50.39	33.07	8.68	8.14	9.8	2.973	107.2
	Mean	17.56	50.55	33.20	8.59	8.14	12.0	2.615	109.5
	Minimum	12.83	49.09	32.15	6.42	8.01	3.7	1.258	84.1
	Maximum	21.29	51.10	33.61	11.07	8.28	24.5	3.856	141.1

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

sonde #2 Indian Island Long-Term Deployment Water Quality Data

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