

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
0	12/20/2013 13:31:04	7.99	50.95	33.06	10.12	7.87	11.0	3.476	105.9	2.4	1.4	0.6
1	12/20/2013 13:46:04	8.07	51.03	33.13	9.92	7.88	9.7	3.418	104.0	1.7	1.0	0.4
2	12/20/2013 14:01:03	8.11	51.05	33.15	9.91	7.89	18.1	3.339	104.1	2.8	1.6	0.7
3	12/20/2013 14:16:04	8.12	51.03	33.13	9.97	7.91	12.5	3.291	104.7	2.3	1.3	0.5
4	12/20/2013 14:31:04	8.06	50.95	33.08	9.94	7.92	15.1	3.196	104.2	2.2	1.3	0.5
5	12/20/2013 14:46:04	8.05	50.96	33.08	9.95	7.93	17.4	3.105	104.3	2.6	1.5	0.6
6	12/20/2013 15:01:03	8.03	50.95	33.07	9.96	7.94	14.3	3.018	104.3	2.8	1.6	0.7
7	12/20/2013 15:16:03	7.94	50.91	33.03	9.97	7.94	14.2	2.921	104.2	2.1	1.2	0.5
8	12/20/2013 15:31:04	7.92	50.90	33.02	9.99	7.95	26.0	2.825	104.4	2.8	1.6	0.7
9	12/20/2013 15:46:04	7.90	50.88	33.00	9.96	7.95	25.3	2.716	104.0	2.6	1.5	0.6
10	12/20/2013 16:01:04	7.81	50.85	32.98	9.99	7.96	28.0	2.614	104.0	2.7	1.5	0.6
11	12/20/2013 16:16:04	7.75	50.82	32.95	9.99	7.97	19.8	2.531	103.9	2.2	1.3	0.5
12	12/20/2013 16:31:04	7.84	50.85	32.98	10.00	7.97	19.2	2.371	104.3	2.8	1.6	0.7
13	12/20/2013 16:46:04	7.88	50.85	32.98	9.94	7.97	24.4	2.259	103.8	2.7	1.5	0.6
14	12/20/2013 17:01:04	7.79	50.83	32.96	10.01	7.98	21.9	2.181	104.2	2.7	1.5	0.6
15	12/20/2013 17:16:03	7.72	50.81	32.94	9.94	7.97	15.4	2.013	103.3	2.1	1.2	0.5
16	12/20/2013 17:31:04	7.62	50.79	32.91	9.84	7.96	20.8	1.901	102.0	2.7	1.5	0.6
17	12/20/2013 17:46:04	7.61	50.83	32.94	9.73	7.96	14.7	1.776	100.9	1.9	1.1	0.4
18	12/20/2013 18:01:04	7.66	50.81	32.93	9.76	7.97	13.0	1.679	101.3	1.9	1.1	0.5
19	12/20/2013 18:16:04	7.60	50.80	32.92	9.66	7.96	11.5	1.548	100.1	2.1	1.2	0.5
20	12/20/2013 18:31:04	7.57	50.79	32.91	9.62	7.96	12.5	1.445	99.6	2.2	1.3	0.5
21	12/20/2013 18:46:04	7.54	50.76	32.89	9.59	7.96	10.6	1.374	99.2	2.5	1.4	0.6
22	12/20/2013 19:01:04	7.51	50.76	32.89	9.59	7.96	7.9	1.309	99.2	2.5	1.4	0.6
23	12/20/2013 19:16:04	7.51	50.76	32.89	9.59	7.96	7.8	1.258	99.2	2.1	1.2	0.5
24	12/20/2013 19:31:04	7.52	50.76	32.89	9.68	7.97	10.9	1.268	100.1	2.0	1.1	0.5
25	12/20/2013 19:46:04	7.54	50.77	32.89	9.74	7.97	10.0	1.281	100.8	2.5	1.4	0.6
26	12/20/2013 20:01:04	7.55	50.77	32.89	9.75	7.97	9.2	1.305	101.0	2.3	1.3	0.5
27	12/20/2013 20:16:04	7.51	50.75	32.88	9.76	7.97	10.4	1.372	100.9	2.2	1.3	0.5
28	12/20/2013 20:31:05	7.51	50.76	32.88	9.77	7.97	10.3	1.431	101.0	2.4	1.4	0.6
29	12/20/2013 20:46:05	7.41	50.74	32.86	9.81	7.98	9.5	1.484	101.2	1.5	0.9	0.3
30	12/20/2013 21:01:04	7.43	50.74	32.86	9.77	7.97	9.8	1.556	100.8	2.1	1.2	0.5
31	12/20/2013 21:16:04	6.84	50.46	32.60	10.12	7.96	11.4	1.640	102.8	1.8	1.0	0.4
32	12/20/2013 21:31:04	6.86	50.44	32.58	10.07	7.96	10.8	1.673	102.4	2.1	1.2	0.5
33	12/20/2013 21:46:04	6.98	50.52	32.66	10.04	7.97	10.9	1.770	102.4	2.2	1.3	0.5
34	12/20/2013 22:01:04	7.24	50.62	32.76	9.93	7.97	10.9	1.837	102.0	2.1	1.2	0.5
35	12/20/2013 22:16:05	7.27	50.64	32.77	9.88	7.97	10.6	1.916	101.5	2.2	1.3	0.5
36	12/20/2013 22:31:04	7.25	50.64	32.77	9.90	7.97	11.7	2.003	101.7	2.0	1.1	0.5
37	12/20/2013 22:46:04	7.22	50.62	32.76	9.92	7.97	13.2	2.101	101.8	2.1	1.2	0.5
38	12/20/2013 23:01:04	7.31	50.65	32.78	9.86	7.97	13.1	2.216	101.4	2.5	1.4	0.6
39	12/20/2013 23:16:04	7.49	50.71	32.84	9.79	7.98	15.5	2.281	101.2	2.7	1.5	0.6
40	12/20/2013 23:31:04	7.61	50.73	32.88	9.78	7.98	14.2	2.390	101.4	2.5	1.4	0.6

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Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
41	12/20/2013 23:46:04	7.67	50.75	32.89	9.76	7.98	14.3	2.481	101.3	2.7	1.5	0.6
42	12/21/2013 0:01:04	7.69	50.76	32.90	9.76	7.98	16.1	2.565	101.3	2.8	1.6	0.7
43	12/21/2013 0:16:05	7.71	50.75	32.90	9.76	7.98	15.9	2.645	101.5	2.0	1.1	0.5
44	12/21/2013 0:31:04	7.75	50.76	32.90	9.77	7.97	18.7	2.732	101.6	2.6	1.5	0.6
45	12/21/2013 0:46:04	7.83	50.77	32.92	9.79	7.97	23.3	2.806	102.0	3.3	1.9	0.8
46	12/21/2013 1:01:04	7.89	50.78	32.93	9.82	7.97	19.9	2.877	102.5	2.7	1.5	0.6
47	12/21/2013 1:16:04	7.95	50.80	32.96	9.82	7.97	21.1	2.952	102.6	2.9	1.7	0.7
48	12/21/2013 1:31:04	8.07	50.86	33.01	9.78	7.97	22.5	3.016	102.5	3.2	1.8	0.7
49	12/21/2013 1:46:04	8.10	50.88	33.03	9.75	7.97	16.2	3.076	102.3	2.7	1.5	0.6
50	12/21/2013 2:01:04	8.13	50.90	33.04	9.75	7.96	12.3	3.140	102.3	2.7	1.5	0.6
51	12/21/2013 2:16:04	8.15	50.92	33.06	9.72	7.96	10.3	3.187	102.1	2.1	1.2	0.5
52	12/21/2013 2:31:05	8.15	50.92	33.06	9.64	7.96	6.5	3.210	101.3	2.5	1.4	0.6
53	12/21/2013 2:46:04	8.07	50.94	33.06	9.38	7.95	5.0	3.238	98.3	2.8	1.6	0.7
54	12/21/2013 3:01:04	8.02	50.89	33.03	9.21	7.94	5.0	3.251	96.4	1.8	1.0	0.4
55	12/21/2013 3:16:04	7.87	50.85	32.98	9.46	7.95	6.9	3.229	98.7	1.9	1.1	0.5
56	12/21/2013 3:31:04	8.02	50.88	33.02	9.65	7.96	9.8	3.184	101.0	2.0	1.1	0.5
57	12/21/2013 3:46:04	8.06	50.90	33.03	9.66	7.96	8.6	3.158	101.3	1.6	0.9	0.4
58	12/21/2013 4:01:04	7.93	50.83	32.97	9.66	7.96	12.4	3.097	101.0	2.0	1.1	0.5
59	12/21/2013 4:16:04	7.80	50.79	32.94	9.64	7.96	10.8	3.028	100.4	1.8	1.0	0.4
60	12/21/2013 4:31:04	7.77	50.77	32.92	9.63	7.96	11.1	2.949	100.2	1.6	0.9	0.4
61	12/21/2013 4:46:04	7.75	50.77	32.91	9.65	7.96	9.7	2.892	100.3	1.6	0.9	0.4
62	12/21/2013 5:01:04	7.68	50.75	32.89	9.54	7.95	9.6	2.825	99.1	1.7	1.0	0.4
63	12/21/2013 5:16:04	7.63	50.73	32.87	9.50	7.95	9.5	2.736	98.5	2.1	1.2	0.5
64	12/21/2013 5:31:04	7.62	50.74	32.88	9.51	7.95	7.2	2.698	98.6	1.8	1.0	0.4
65	12/21/2013 5:46:05	7.62	50.75	32.89	9.48	7.95	8.2	2.627	98.3	1.4	0.8	0.3
66	12/21/2013 6:01:04	7.66	50.75	32.89	9.51	7.95	6.5	2.574	98.7	1.4	0.8	0.3
67	12/21/2013 6:16:05	7.59	50.73	32.87	9.42	7.95	6.2	2.511	97.6	1.7	1.0	0.4
68	12/21/2013 6:31:05	7.59	50.76	32.89	9.43	7.95	6.2	2.466	97.7	2.4	1.4	0.6
69	12/21/2013 6:46:05	7.62	50.74	32.88	9.43	7.95	5.8	2.427	97.8	1.9	1.1	0.4
70	12/21/2013 7:01:04	7.61	50.71	32.86	9.23	7.94	5.1	2.375	95.6	1.2	0.7	0.3
71	12/21/2013 7:16:05	7.60	50.72	32.86	9.33	7.95	5.1	2.349	96.7	1.4	0.8	0.3
72	12/21/2013 7:31:05	7.59	50.73	32.87	9.11	7.94	4.6	2.330	94.3	1.8	1.0	0.4
73	12/21/2013 7:46:05	7.60	50.72	32.86	9.17	7.94	4.8	2.327	95.0	1.4	0.8	0.3
74	12/21/2013 8:01:04	7.62	50.74	32.88	9.30	7.94	5.2	2.310	96.5	1.6	0.9	0.4
75	12/21/2013 8:16:04	7.63	50.74	32.88	9.37	7.95	6.7	2.329	97.2	1.9	1.1	0.5
76	12/21/2013 8:31:05	7.65	50.74	32.88	9.43	7.95	7.5	2.367	97.8	1.6	0.9	0.4
77	12/21/2013 8:46:04	7.68	50.74	32.89	9.45	7.95	8.3	2.407	98.1	2.6	1.5	0.6
78	12/21/2013 9:01:05	7.69	50.74	32.88	9.51	7.96	8.0	2.446	98.8	1.5	0.9	0.4
79	12/21/2013 9:16:05	7.71	50.75	32.89	9.55	7.96	9.0	2.509	99.2	1.9	1.1	0.4
80	12/21/2013 9:31:05	7.44	50.61	32.77	9.57	7.95	9.7	2.564	98.7	2.0	1.1	0.5
81	12/21/2013 9:46:04	7.61	50.68	32.84	9.54	7.95	11.7	2.627	98.9	2.3	1.3	0.5

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82	12/21/2013 10:01:05	7.70	50.72	32.88	9.56	7.95	10.3	2.694	99.3	2.0	1.1	0.5
83	12/21/2013 10:16:05	7.74	50.74	32.89	9.54	7.95	10.3	2.744	99.2	1.7	1.0	0.4
84	12/21/2013 10:31:05	7.79	50.75	32.91	9.57	7.95	9.6	2.821	99.6	1.5	0.9	0.4
85	12/21/2013 10:46:05	7.87	50.78	32.93	9.58	7.96	9.2	2.868	99.9	2.0	1.1	0.5
86	12/21/2013 11:01:05	7.93	50.80	32.95	9.58	7.96	9.3	2.926	100.1	1.5	0.9	0.4
87	12/21/2013 11:16:05	7.96	50.81	32.96	9.59	7.96	8.9	2.990	100.3	1.3	0.7	0.3
88	12/21/2013 11:31:05	8.03	50.84	32.99	9.58	7.96	9.2	3.047	100.4	1.8	1.0	0.4
89	12/21/2013 11:46:04	8.07	50.87	33.02	9.51	7.95	9.7	3.101	99.7	1.5	0.9	0.3
90	12/21/2013 12:01:05	8.13	50.90	33.04	9.46	7.95	9.7	3.163	99.4	1.5	0.9	0.4
91	12/21/2013 12:16:05	8.20	50.94	33.08	9.36	7.94	9.0	3.219	98.4	1.1	0.6	0.3
92	12/21/2013 12:31:04	8.24	50.96	33.09	9.27	7.94	8.3	3.265	97.6	1.1	0.6	0.3
93	12/21/2013 12:46:05	8.26	50.98	33.11	9.20	7.94	6.1	3.313	96.9	1.0	0.6	0.2
94	12/21/2013 13:01:04	8.28	50.99	33.12	9.15	7.93	5.4	3.349	96.5	1.3	0.7	0.3
95	12/21/2013 13:16:04	8.31	51.00	33.13	9.04	7.93	4.3	3.373	95.3	1.3	0.7	0.3
96	12/21/2013 13:31:04	8.33	50.99	33.13	8.80	7.92	2.9	3.391	92.9	1.3	0.7	0.3
97	12/21/2013 13:46:04	8.32	50.98	33.12	8.70	7.91	3.1	3.396	91.8	1.2	0.7	0.3
98	12/21/2013 14:01:04	8.28	50.98	33.11	8.98	7.92	5.4	3.380	94.7	1.3	0.7	0.3
99	12/21/2013 14:16:04	8.29	51.01	33.14	9.10	7.93	5.6	3.350	96.0	1.8	1.0	0.4
100	12/21/2013 14:31:04	8.26	50.94	33.09	9.27	7.94	7.9	3.299	97.7	1.8	1.0	0.4
101	12/21/2013 14:46:04	8.26	50.94	33.09	9.28	7.94	11.5	3.253	97.7	1.3	0.7	0.3
102	12/21/2013 15:01:04	8.27	50.93	33.08	9.38	7.94	8.7	3.177	98.8	1.0	0.6	0.2
103	12/21/2013 15:16:04	8.28	50.91	33.07	9.49	7.95	11.2	3.097	100.0	1.4	0.8	0.3
104	12/21/2013 15:31:04	8.27	50.90	33.06	9.57	7.95	9.8	3.023	100.8	1.8	1.0	0.4
105	12/21/2013 15:46:04	8.24	50.87	33.03	9.63	7.96	10.1	2.938	101.3	1.9	1.1	0.5
106	12/21/2013 16:01:05	8.20	50.83	33.00	9.73	7.97	13.9	2.839	102.3	1.7	1.0	0.4
107	12/21/2013 16:16:05	8.17	50.79	32.97	9.86	7.98	14.1	2.744	103.6	2.1	1.2	0.5
108	12/21/2013 16:31:05	8.13	50.76	32.94	9.85	7.98	17.3	2.678	103.3	2.4	1.4	0.6
109	12/21/2013 16:46:05	8.10	50.73	32.92	9.86	7.98	19.7	2.550	103.4	2.5	1.4	0.6
110	12/21/2013 17:01:05	8.07	50.73	32.91	9.73	7.97	18.3	2.451	102.0	2.0	1.1	0.5
111	12/21/2013 17:16:05	8.04	50.73	32.91	9.71	7.96	17.2	2.362	101.6	2.1	1.2	0.5
112	12/21/2013 17:31:05	8.05	50.73	32.91	9.71	7.97	17.0	2.226	101.7	2.3	1.3	0.5
113	12/21/2013 17:46:05	7.97	50.70	32.89	9.64	7.95	17.8	2.125	100.7	2.5	1.4	0.6
114	12/21/2013 18:01:05	8.00	50.73	32.91	9.64	7.96	14.8	2.011	100.8	1.9	1.1	0.4
115	12/21/2013 18:16:05	7.94	50.69	32.87	9.65	7.96	14.7	1.895	100.8	2.7	1.5	0.6
116	12/21/2013 18:31:05	7.95	50.70	32.88	9.60	7.96	12.2	1.800	100.2	2.5	1.4	0.6
117	12/21/2013 18:46:05	7.90	50.68	32.86	9.55	7.96	10.4	1.690	99.6	2.0	1.1	0.5
118	12/21/2013 19:01:05	7.87	50.66	32.85	9.53	7.96	7.9	1.608	99.3	2.3	1.3	0.5
119	12/21/2013 19:16:04	7.87	50.67	32.85	9.52	7.95	7.0	1.534	99.3	1.9	1.1	0.4
120	12/21/2013 19:31:05	7.88	50.65	32.84	9.48	7.96	7.6	1.461	98.8	2.3	1.3	0.5
121	12/21/2013 19:46:05	7.89	50.63	32.83	9.44	7.96	7.3	1.425	98.5	1.7	1.0	0.4
122	12/21/2013 20:01:05	7.89	50.65	32.84	9.41	7.95	5.5	1.392	98.1	2.5	1.4	0.6

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123	12/21/2013 20:16:05	7.93	50.69	32.88	9.34	7.96	6.4	1.405	97.5	2.7	1.5	0.6
124	12/21/2013 20:31:04	7.91	50.67	32.86	9.45	7.95	5.6	1.401	98.6	1.7	1.0	0.4
125	12/21/2013 20:46:05	7.88	50.65	32.84	9.51	7.96	6.1	1.457	99.1	1.9	1.1	0.4
126	12/21/2013 21:01:05	7.81	50.62	32.81	9.65	7.97	6.8	1.503	100.5	2.2	1.3	0.5
127	12/21/2013 21:16:05	7.76	50.59	32.79	9.69	7.97	6.4	1.545	100.7	1.9	1.1	0.5
128	12/21/2013 21:31:05	7.70	50.57	32.77	9.84	7.98	31.6	1.640	102.1	1.7	1.0	0.4
129	12/21/2013 21:46:05	7.53	50.28	32.54	9.92	7.97	16.9	1.696	102.4	2.4	1.4	0.6
130	12/21/2013 22:01:04	7.53	50.25	32.52	9.90	7.96	18.6	1.748	102.2	1.9	1.1	0.4
131	12/21/2013 22:16:04	7.55	50.25	32.52	9.92	7.96	9.5	1.846	102.4	1.9	1.1	0.5
132	12/21/2013 22:31:05	7.65	50.40	32.64	9.83	7.96	11.4	1.911	101.8	2.2	1.3	0.5
133	12/21/2013 22:46:05	7.71	50.46	32.69	9.78	7.96	10.9	1.993	101.4	2.1	1.2	0.5
134	12/21/2013 23:01:05	7.73	50.49	32.71	9.79	7.96	10.1	2.075	101.6	2.1	1.2	0.5
135	12/21/2013 23:16:04	7.73	50.50	32.72	9.79	7.96	9.2	2.155	101.6	1.7	1.0	0.4
136	12/21/2013 23:31:05	7.76	50.54	32.75	9.80	7.97	10.9	2.256	101.8	2.4	1.4	0.6
137	12/21/2013 23:46:04	7.80	50.58	32.78	9.78	7.97	11.2	2.338	101.8	2.2	1.3	0.5
138	12/22/2013 0:01:04	7.86	50.62	32.81	9.79	7.97	11.0	2.426	102.0	2.1	1.2	0.5
139	12/22/2013 0:16:04	7.90	50.64	32.84	9.78	7.97	12.4	2.505	102.0	1.8	1.0	0.4
140	12/22/2013 0:31:05	7.90	50.65	32.84	9.79	7.97	11.3	2.605	102.1	2.5	1.4	0.6
141	12/22/2013 0:46:05	7.93	50.66	32.85	9.77	7.97	12.0	2.684	102.0	2.0	1.1	0.5
142	12/22/2013 1:01:04	7.97	50.67	32.86	9.73	7.96	11.1	2.751	101.6	2.1	1.2	0.5
143	12/22/2013 1:16:05	8.01	50.68	32.87	9.70	7.96	12.7	2.844	101.5	6.5	3.7	1.5
144	12/22/2013 1:31:04	8.08	50.70	32.89	9.67	7.96	13.9	2.907	101.3	2.1	1.2	0.5
145	12/22/2013 1:46:05	8.15	50.74	32.93	9.57	7.95	13.7	2.977	100.4	1.8	1.0	0.4
146	12/22/2013 2:01:04	8.22	50.79	32.97	9.46	7.94	13.0	3.030	99.4	2.5	1.4	0.6
147	12/22/2013 2:16:05	8.27	50.83	33.00	9.37	7.94	11.4	3.101	98.7	2.0	1.1	0.5
148	12/22/2013 2:31:05	8.32	50.87	33.04	9.27	7.93	12.2	3.159	97.7	1.9	1.1	0.5
149	12/22/2013 2:46:05	8.35	50.90	33.06	9.17	7.92	7.5	3.195	96.7	1.6	0.9	0.4
150	12/22/2013 3:01:05	8.36	50.92	33.08	9.02	7.92	5.3	3.235	95.2	1.6	0.9	0.4
151	12/22/2013 3:16:05	8.37	50.93	33.09	8.93	7.91	4.2	3.270	94.3	1.4	0.8	0.3
152	12/22/2013 3:31:04	8.28	50.87	33.04	9.06	7.91	4.8	3.268	95.5	1.9	1.1	0.4
153	12/22/2013 3:46:05	8.31	50.84	33.02	9.06	7.91	5.9	3.260	95.4	1.0	0.6	0.2
154	12/22/2013 4:01:05	8.29	50.84	33.01	9.22	7.92	13.0	3.244	97.1	2.1	1.2	0.5
155	12/22/2013 4:16:04	8.32	50.89	33.05	9.19	7.92	7.8	3.209	96.9	1.7	1.0	0.4
156	12/22/2013 4:31:04	8.26	50.85	33.02	9.23	7.92	9.6	3.146	97.2	2.0	1.1	0.5
157	12/22/2013 4:46:04	8.16	50.80	32.98	9.28	7.93	12.3	3.090	97.4	1.9	1.1	0.4
158	12/22/2013 5:01:05	8.07	50.73	32.91	9.43	7.94	10.4	3.033	98.8	1.8	1.0	0.4
159	12/22/2013 5:16:05	8.08	50.73	32.92	9.39	7.94	7.4	2.961	98.4	2.0	1.1	0.5
160	12/22/2013 5:31:05	8.04	50.71	32.90	9.42	7.94	7.3	2.880	98.6	1.7	1.0	0.4
161	12/22/2013 5:46:05	7.99	50.68	32.87	9.43	7.94	7.5	2.815	98.6	1.9	1.1	0.4
162	12/22/2013 6:01:05	7.97	50.66	32.86	9.40	7.94	7.7	2.767	98.2	1.8	1.0	0.4
163	12/22/2013 6:16:05	7.95	50.65	32.85	9.41	7.94	7.6	2.699	98.3	1.2	0.7	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
164	12/22/2013 6:31:05	7.90	50.63	32.83	9.36	7.94	6.1	2.629	97.7	1.5	0.9	0.3
165	12/22/2013 6:46:05	7.87	50.61	32.81	9.38	7.94	5.8	2.589	97.7	1.5	0.9	0.4
166	12/22/2013 7:01:05	7.90	50.61	32.82	9.37	7.94	6.0	2.518	97.7	1.7	1.0	0.4
167	12/22/2013 7:16:05	7.84	50.61	32.81	9.38	7.94	5.3	2.460	97.7	1.5	0.9	0.4
168	12/22/2013 7:31:05	7.88	50.62	32.82	9.34	7.94	4.9	2.424	97.3	1.3	0.7	0.3
169	12/22/2013 7:46:05	7.86	50.61	32.81	9.29	7.93	4.3	2.371	96.8	1.3	0.7	0.3
170	12/22/2013 8:01:05	7.85	50.62	32.81	9.34	7.93	4.4	2.344	97.3	1.8	1.0	0.4
171	12/22/2013 8:16:05	7.85	50.63	32.82	9.18	7.93	3.2	2.322	95.6	1.2	0.7	0.3
172	12/22/2013 8:31:05	7.84	50.62	32.82	9.15	7.93	4.0	2.305	95.3	1.3	0.7	0.3
173	12/22/2013 8:46:05	7.86	50.62	32.82	9.00	7.93	4.5	2.307	93.8	1.8	1.0	0.4
174	12/22/2013 9:01:05	7.87	50.61	32.81	9.31	7.94	4.6	2.309	97.1	1.3	0.7	0.3
175	12/22/2013 9:16:05	7.88	50.62	32.82	9.32	7.93	4.4	2.336	97.2	1.4	0.8	0.3
176	12/22/2013 9:31:05	7.90	50.62	32.82	9.43	7.94	5.2	2.379	98.3	1.8	1.0	0.4
177	12/22/2013 9:46:05	7.90	50.62	32.82	9.44	7.94	6.1	2.421	98.4	1.8	1.0	0.4
178	12/22/2013 10:01:04	7.94	50.63	32.83	9.46	7.94	5.6	2.460	98.8	1.9	1.1	0.4
179	12/22/2013 10:16:05	7.82	50.45	32.69	9.42	7.93	7.6	2.524	98.0	1.8	1.0	0.4
180	12/22/2013 10:31:05	7.92	50.57	32.78	9.43	7.93	6.6	2.576	98.4	1.4	0.8	0.3
181	12/22/2013 10:46:04	7.96	50.59	32.80	9.40	7.93	6.1	2.633	98.2	1.8	1.0	0.4
182	12/22/2013 11:01:05	8.00	50.61	32.82	9.38	7.93	5.9	2.692	98.1	1.2	0.7	0.3
183	12/22/2013 11:16:05	8.02	50.62	32.83	9.37	7.93	5.4	2.739	98.0	1.4	0.8	0.3
184	12/22/2013 11:31:05	8.04	50.65	32.86	9.37	7.93	5.3	2.795	98.0	1.6	0.9	0.4
185	12/22/2013 11:46:05	8.13	50.71	32.91	9.35	7.93	5.2	2.848	98.0	1.2	0.7	0.3
186	12/22/2013 12:01:05	8.19	50.75	32.94	9.33	7.93	5.2	2.896	98.0	1.8	1.0	0.4
187	12/22/2013 12:16:05	8.22	50.76	32.95	9.31	7.93	4.5	2.943	97.9	1.2	0.7	0.3
188	12/22/2013 12:31:05	8.24	50.77	32.96	9.32	7.93	5.0	2.993	98.1	1.4	0.8	0.3
189	12/22/2013 12:46:05	8.27	50.78	32.97	9.29	7.93	5.2	3.033	97.8	1.8	1.0	0.4
190	12/22/2013 13:01:04	8.31	50.80	32.99	9.19	7.92	4.1	3.076	96.9	1.3	0.7	0.3
191	12/22/2013 13:16:05	8.38	50.84	33.02	9.18	7.92	4.8	3.128	96.8	1.3	0.7	0.3
192	12/22/2013 13:31:04	8.42	50.87	33.05	9.08	7.91	3.5	3.147	95.9	2.0	1.1	0.5
193	12/22/2013 13:46:04	8.44	50.88	33.06	9.01	7.91	3.1	3.179	95.3	1.1	0.6	0.3
194	12/22/2013 14:01:04	8.45	50.89	33.07	8.85	7.90	3.3	3.209	93.6	0.8	0.5	0.2
195	12/22/2013 14:16:04	8.46	50.89	33.07	8.73	7.89	2.3	3.220	92.4	0.6	0.3	0.1
196	12/22/2013 14:31:04	8.49	50.79	33.00	9.03	7.91	2.9	3.217	95.5	0.2	0.1	0.0
197	12/22/2013 14:46:04	8.45	50.85	33.04	8.94	7.91	4.3	3.214	94.5	0.8	0.5	0.2
198	12/22/2013 15:01:04	8.46	50.88	33.06	9.01	7.90	5.0	3.197	95.3	1.1	0.6	0.3
199	12/22/2013 15:16:05	8.45	50.88	33.06	9.01	7.90	5.0	3.156	95.3	1.0	0.6	0.2
200	12/22/2013 15:31:04	8.45	50.87	33.05	9.04	7.90	5.8	3.094	95.6	1.8	1.0	0.4
201	12/22/2013 15:46:04	8.46	50.76	32.97	9.36	7.93	6.2	3.037	98.9	1.4	0.8	0.3
202	12/22/2013 16:01:05	8.51	50.73	32.95	9.48	7.94	5.1	2.980	100.4	1.3	0.7	0.3
203	12/22/2013 16:16:05	8.47	50.71	32.94	9.54	7.95	5.4	2.897	100.9	1.1	0.6	0.3
204	12/22/2013 16:31:04	8.45	50.70	32.93	9.63	7.95	5.7	2.816	101.7	1.6	0.9	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
205	12/22/2013 16:46:04	8.42	50.68	32.91	9.65	7.95	6.7	2.735	101.9	1.9	1.1	0.4
206	12/22/2013 17:01:04	8.40	50.64	32.88	9.79	7.96	6.5	2.658	103.3	1.5	0.9	0.3
207	12/22/2013 17:16:05	8.38	50.60	32.85	10.02	7.98	7.5	2.572	105.6	1.6	0.9	0.4
208	12/22/2013 17:31:05	8.35	50.59	32.84	9.97	7.98	8.0	2.475	105.0	1.6	0.9	0.4
209	12/22/2013 17:46:05	8.31	50.59	32.84	9.93	7.97	6.8	2.398	104.5	1.4	0.8	0.3
210	12/22/2013 18:01:04	8.30	50.56	32.81	9.95	7.97	6.8	2.285	104.7	1.3	0.7	0.3
211	12/22/2013 18:16:05	8.25	50.59	32.83	9.84	7.97	6.6	2.187	103.4	1.6	0.9	0.4
212	12/22/2013 18:31:05	8.21	50.59	32.83	9.79	7.97	5.1	2.095	102.8	1.5	0.9	0.4
213	12/22/2013 18:46:05	8.17	50.58	32.82	9.79	7.97	6.9	2.002	102.7	1.7	1.0	0.4
214	12/22/2013 19:01:05	8.14	50.57	32.81	9.78	7.97	6.2	1.904	102.5	1.7	1.0	0.4
215	12/22/2013 19:16:05	8.11	50.59	32.81	9.74	7.97	5.2	1.807	102.1	1.1	0.6	0.3
216	12/22/2013 19:31:05	8.10	50.57	32.80	9.69	7.97	3.7	1.748	101.5	1.4	0.8	0.3
217	12/22/2013 19:46:05	8.09	50.57	32.80	9.74	7.97	5.0	1.671	102.0	1.5	0.9	0.3
218	12/22/2013 20:01:05	8.08	50.56	32.79	9.75	7.97	4.7	1.612	102.1	1.4	0.8	0.3
219	12/22/2013 20:16:05	8.09	50.54	32.78	9.73	7.97	3.2	1.579	101.8	1.8	1.0	0.4
220	12/22/2013 20:31:05	8.08	50.54	32.78	9.84	7.97	3.1	1.553	103.0	1.7	1.0	0.4
221	12/22/2013 20:46:05	8.07	50.54	32.78	9.57	7.97	4.3	1.550	100.2	1.6	0.9	0.4
222	12/22/2013 21:01:05	8.07	50.55	32.79	9.77	7.97	5.0	1.553	102.3	1.6	0.9	0.4
223	12/22/2013 21:16:05	8.08	50.54	32.78	9.84	7.97	4.5	1.569	103.0	1.5	0.9	0.4
224	12/22/2013 21:31:05	8.08	50.54	32.78	9.88	7.97	4.5	1.613	103.4	1.1	0.6	0.3
225	12/22/2013 21:46:05	8.08	50.46	32.72	10.16	7.99	4.8	1.662	106.3	1.0	0.6	0.2
226	12/22/2013 22:01:04	8.07	50.45	32.72	10.23	7.99	4.7	1.728	107.0	1.5	0.9	0.4
227	12/22/2013 22:16:05	8.09	50.30	32.61	10.14	7.98	5.6	1.785	106.0	1.4	0.8	0.3
228	12/22/2013 22:31:05	8.12	50.20	32.54	10.10	7.97	5.0	1.853	105.7	1.6	0.9	0.4
229	12/22/2013 22:46:05	8.12	50.14	32.49	10.07	7.97	5.4	1.928	105.4	1.6	0.9	0.4
230	12/22/2013 23:01:05	8.17	50.28	32.60	10.01	7.97	6.1	2.000	104.9	1.5	0.9	0.4
231	12/22/2013 23:16:05	8.17	50.37	32.67	9.94	7.97	5.3	2.066	104.2	0.8	0.5	0.2
232	12/22/2013 23:31:05	8.18	50.39	32.68	9.91	7.96	5.2	2.141	103.9	1.6	0.9	0.4
233	12/22/2013 23:46:05	8.20	50.41	32.70	9.90	7.96	6.1	2.229	103.9	1.9	1.1	0.4
234	12/23/2013 0:01:05	8.22	50.49	32.76	9.84	7.96	6.4	2.302	103.3	1.5	0.9	0.4
235	12/23/2013 0:16:05	8.21	50.53	32.79	9.79	7.96	7.0	2.377	102.8	1.3	0.7	0.3
236	12/23/2013 0:31:05	8.19	50.56	32.80	9.78	7.96	5.7	2.458	102.6	1.7	1.0	0.4
237	12/23/2013 0:46:05	8.19	50.57	32.81	9.75	7.95	6.7	2.543	102.3	1.2	0.7	0.3
238	12/23/2013 1:01:05	8.21	50.60	32.84	9.72	7.95	7.6	2.635	102.1	1.7	1.0	0.4
239	12/23/2013 1:16:05	8.25	50.63	32.86	9.66	7.95	7.6	2.696	101.5	1.7	1.0	0.4
240	12/23/2013 1:31:05	8.27	50.66	32.89	9.60	7.94	7.6	2.768	101.1	1.9	1.1	0.4
241	12/23/2013 1:46:05	8.28	50.67	32.89	9.57	7.93	8.5	2.848	100.8	1.2	0.7	0.3
242	12/23/2013 2:01:05	8.31	50.69	32.91	9.55	7.93	9.2	2.932	100.6	1.4	0.8	0.3
243	12/23/2013 2:16:05	8.35	50.73	32.94	9.41	7.92	11.5	2.986	99.2	2.0	1.1	0.5
244	12/23/2013 2:31:05	8.38	50.78	32.98	9.30	7.91	10.4	3.066	98.1	1.8	1.0	0.4
245	12/23/2013 2:46:04	8.41	50.85	33.03	9.22	7.90	10.1	3.120	97.4	1.7	1.0	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
246	12/23/2013 3:01:05	8.45	50.92	33.09	9.10	7.89	9.4	3.181	96.2	1.8	1.0	0.4
247	12/23/2013 3:16:05	8.48	50.94	33.11	9.01	7.89	5.9	3.225	95.4	1.6	0.9	0.4
248	12/23/2013 3:31:05	8.48	50.96	33.12	8.95	7.89	4.3	3.279	94.8	1.6	0.9	0.4
249	12/23/2013 3:46:05	8.50	50.99	33.14	8.90	7.88	3.9	3.318	94.3	1.5	0.9	0.3
250	12/23/2013 4:01:05	8.49	50.99	33.14	8.78	7.87	3.1	3.325	93.0	1.6	0.9	0.4
251	12/23/2013 4:16:05	8.30	50.84	33.02	9.00	7.89	4.5	3.323	94.9	1.2	0.7	0.3
252	12/23/2013 4:31:05	8.41	50.95	33.10	8.97	7.88	5.7	3.315	94.8	0.8	0.5	0.2
253	12/23/2013 4:46:05	8.43	50.94	33.10	9.02	7.88	5.4	3.296	95.4	1.7	1.0	0.4
254	12/23/2013 5:01:05	8.45	50.97	33.12	8.99	7.88	8.6	3.233	95.1	1.8	1.0	0.4
255	12/23/2013 5:16:05	8.35	50.88	33.05	9.10	7.89	10.5	3.196	96.0	1.9	1.1	0.4
256	12/23/2013 5:31:05	8.18	50.75	32.94	9.32	7.91	9.4	3.129	97.9	1.5	0.9	0.4
257	12/23/2013 5:46:05	8.17	50.74	32.93	9.28	7.91	6.8	3.064	97.4	1.1	0.6	0.2
258	12/23/2013 6:01:05	8.17	50.75	32.94	9.23	7.91	4.5	3.002	96.9	1.7	1.0	0.4
259	12/23/2013 6:16:04	8.13	50.74	32.93	9.17	7.91	4.5	2.927	96.2	1.5	0.9	0.4
260	12/23/2013 6:31:05	8.05	50.70	32.89	9.27	7.92	4.7	2.856	97.1	1.7	1.0	0.4
261	12/23/2013 6:46:05	7.99	50.64	32.84	9.36	7.92	5.2	2.808	97.8	1.1	0.6	0.3
262	12/23/2013 7:01:05	7.94	50.63	32.83	9.37	7.92	4.5	2.748	97.8	1.9	1.1	0.4
263	12/23/2013 7:16:05	7.92	50.60	32.81	9.35	7.92	5.0	2.674	97.5	1.0	0.6	0.2
264	12/23/2013 7:31:05	7.87	50.64	32.83	9.39	7.92	4.0	2.625	97.9	1.6	0.9	0.4
265	12/23/2013 7:46:05	7.83	50.63	32.82	9.39	7.92	3.7	2.578	97.8	1.1	0.6	0.2
266	12/23/2013 8:01:05	7.72	50.61	32.80	9.37	7.92	3.2	2.511	97.3	1.1	0.6	0.3
267	12/23/2013 8:16:05	7.88	50.57	32.78	9.30	7.92	3.2	2.461	96.9	1.2	0.7	0.3
268	12/23/2013 8:31:05	7.83	50.62	32.82	9.43	7.92	3.4	2.428	98.2	1.1	0.6	0.3
269	12/23/2013 8:46:05	7.94	50.58	32.79	9.47	7.93	3.6	2.388	98.8	0.9	0.5	0.2
270	12/23/2013 9:01:04	7.91	50.61	32.81	9.38	7.92	3.5	2.364	97.8	1.6	0.9	0.4
271	12/23/2013 9:16:05	7.88	50.58	32.79	9.43	7.93	3.7	2.345	98.3	1.4	0.8	0.3
272	12/23/2013 9:31:05	7.91	50.55	32.77	9.12	7.91	3.1	2.343	95.1	1.1	0.6	0.3
273	12/23/2013 9:46:05	7.92	50.57	32.78	9.28	7.92	2.6	2.335	96.8	1.3	0.7	0.3
274	12/23/2013 10:01:05	7.95	50.57	32.79	9.44	7.92	3.0	2.359	98.6	1.6	0.9	0.4
275	12/23/2013 10:16:05	7.99	50.58	32.80	9.44	7.92	3.4	2.390	98.7	1.5	0.9	0.4
276	12/23/2013 10:31:05	8.04	50.56	32.79	9.54	7.93	3.5	2.423	99.8	1.5	0.9	0.3
277	12/23/2013 10:46:05	8.06	50.56	32.79	9.57	7.93	3.6	2.467	100.2	1.6	0.9	0.4
278	12/23/2013 11:01:05	8.08	50.59	32.81	9.53	7.93	3.6	2.503	99.8	1.9	1.1	0.4
279	12/23/2013 11:16:05	7.96	50.47	32.72	9.51	7.92	4.2	2.554	99.2	1.5	0.9	0.4
280	12/23/2013 11:31:05	8.00	50.55	32.78	9.47	7.92	3.8	2.601	99.0	1.0	0.6	0.2
281	12/23/2013 11:46:05	8.06	50.60	32.82	9.41	7.92	4.5	2.659	98.5	1.7	1.0	0.4
282	12/23/2013 12:01:05	8.08	50.62	32.83	9.39	7.91	3.7	2.693	98.3	1.7	1.0	0.4
283	12/23/2013 12:16:05	8.09	50.63	32.84	9.37	7.91	3.7	2.740	98.2	1.5	0.9	0.4
284	12/23/2013 12:31:05	8.12	50.64	32.86	9.37	7.91	4.0	2.795	98.2	1.7	1.0	0.4
285	12/23/2013 12:46:05	8.17	50.70	32.90	9.29	7.91	3.5	2.833	97.5	0.7	0.4	0.2
286	12/23/2013 13:01:05	8.26	50.76	32.95	9.23	7.90	3.8	2.884	97.2	1.2	0.7	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
287	12/23/2013 13:16:05	8.30	50.77	32.97	9.21	7.90	3.4	2.922	97.1	1.4	0.8	0.3
288	12/23/2013 13:31:05	8.33	50.78	32.98	9.20	7.90	3.2	2.972	96.9	1.3	0.7	0.3
289	12/23/2013 13:46:05	8.36	50.79	32.98	9.20	7.90	3.7	3.009	97.1	1.4	0.8	0.3
290	12/23/2013 14:01:05	8.38	50.79	32.98	9.19	7.90	3.2	3.040	97.0	1.1	0.6	0.3
291	12/23/2013 14:16:05	8.39	50.79	32.99	9.16	7.90	3.2	3.082	96.7	1.0	0.6	0.2
292	12/23/2013 14:31:05	8.42	50.80	33.00	9.14	7.89	2.7	3.118	96.6	0.9	0.5	0.2
293	12/23/2013 14:46:05	8.44	50.80	33.00	9.07	7.89	2.3	3.129	95.9	1.3	0.7	0.3
294	12/23/2013 15:01:05	8.45	50.81	33.01	8.74	7.87	1.7	3.142	92.3	0.5	0.3	0.1
295	12/23/2013 15:16:05	8.47	50.79	32.99	9.10	7.89	2.5	3.147	96.2	0.9	0.5	0.2
296	12/23/2013 15:31:04	8.44	50.82	33.01	8.93	7.88	3.1	3.138	94.4	1.2	0.7	0.3
297	12/23/2013 15:46:05	8.46	50.82	33.02	9.12	7.88	3.6	3.124	96.4	1.2	0.7	0.3
298	12/23/2013 16:01:04	8.44	50.81	33.01	9.11	7.89	4.0	3.089	96.3	1.5	0.9	0.4
299	12/23/2013 16:16:05	8.41	50.79	32.99	9.15	7.89	4.6	3.034	96.6	1.1	0.6	0.3
300	12/23/2013 16:31:04	8.45	50.74	32.96	9.26	7.90	5.2	2.988	97.8	0.7	0.4	0.2
301	12/23/2013 16:46:04	8.49	50.71	32.94	9.41	7.91	4.3	2.934	99.5	1.2	0.7	0.3
302	12/23/2013 17:01:04	8.49	50.70	32.93	9.38	7.92	4.8	2.855	99.2	1.5	0.9	0.4
303	12/23/2013 17:16:05	8.51	50.67	32.91	9.59	7.93	4.7	2.786	101.5	1.2	0.7	0.3
304	12/23/2013 17:31:05	8.52	50.64	32.89	9.76	7.94	5.1	2.707	103.3	1.2	0.7	0.3
305	12/23/2013 17:46:05	8.50	50.63	32.88	9.82	7.95	4.8	2.625	103.8	1.7	1.0	0.4
306	12/23/2013 18:01:05	8.51	50.58	32.85	9.93	7.96	6.1	2.553	105.0	1.4	0.8	0.3
307	12/23/2013 18:16:05	8.52	50.57	32.84	10.04	7.97	5.1	2.475	106.2	1.2	0.7	0.3
308	12/23/2013 18:31:05	8.49	50.57	32.84	10.01	7.96	5.4	2.394	105.8	1.3	0.7	0.3
309	12/23/2013 18:46:05	8.46	50.59	32.85	9.94	7.96	5.1	2.308	105.0	1.4	0.8	0.3
310	12/23/2013 19:01:05	8.45	50.59	32.84	10.06	7.97	4.2	2.233	106.3	1.2	0.7	0.3
311	12/23/2013 19:16:05	8.39	50.57	32.83	9.95	7.96	4.2	2.141	104.9	1.3	0.7	0.3
312	12/23/2013 19:31:05	8.33	50.57	32.82	9.86	7.96	4.3	2.059	103.8	1.2	0.7	0.3
313	12/23/2013 19:46:05	8.30	50.57	32.82	9.84	7.96	3.9	1.987	103.6	1.8	1.0	0.4
314	12/23/2013 20:01:05	8.29	50.55	32.81	9.85	7.95	3.7	1.925	103.6	1.6	0.9	0.4
315	12/23/2013 20:16:05	8.27	50.56	32.81	9.85	7.96	3.2	1.872	103.5	1.9	1.1	0.4
316	12/23/2013 20:31:05	8.28	50.53	32.79	9.90	7.96	3.3	1.805	104.1	1.7	1.0	0.4
317	12/23/2013 20:46:05	8.27	50.53	32.79	9.99	7.97	3.1	1.777	105.0	1.5	0.9	0.3
318	12/23/2013 21:01:05	8.29	50.51	32.78	10.12	7.97	3.0	1.754	106.4	1.5	0.9	0.4
319	12/23/2013 21:16:05	8.28	50.51	32.78	9.74	7.96	2.0	1.738	102.5	1.0	0.6	0.2
320	12/23/2013 21:31:05	8.27	50.52	32.78	9.88	7.97	2.5	1.759	103.9	1.5	0.9	0.4
321	12/23/2013 21:46:05	8.28	50.50	32.77	10.01	7.97	2.5	1.766	105.2	1.4	0.8	0.3
322	12/23/2013 22:01:05	8.29	50.49	32.76	10.13	7.97	2.3	1.776	106.5	0.9	0.5	0.2
323	12/23/2013 22:16:05	8.29	50.49	32.76	10.12	7.97	2.6	1.844	106.4	1.1	0.6	0.3
324	12/23/2013 22:31:05	8.29	50.42	32.71	10.43	7.99	3.5	1.878	109.6	1.2	0.7	0.3
325	12/23/2013 22:46:05	8.28	50.43	32.72	10.38	7.99	3.1	1.921	109.1	1.1	0.6	0.3
326	12/23/2013 23:01:05	8.29	50.27	32.60	10.29	7.97	3.9	1.985	108.1	1.1	0.6	0.3
327	12/23/2013 23:16:05	8.29	50.22	32.56	10.25	7.96	4.2	2.047	107.7	1.0	0.6	0.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
328	12/23/2013 23:31:05	8.30	50.20	32.55	10.22	7.96	3.9	2.112	107.3	1.3	0.7	0.3
329	12/23/2013 23:46:05	8.32	50.30	32.63	10.12	7.96	4.1	2.180	106.4	1.3	0.7	0.3
330	12/24/2013 0:01:05	8.34	50.39	32.70	9.99	7.95	3.5	2.245	105.1	1.3	0.7	0.3
331	12/24/2013 0:16:05	8.36	50.43	32.73	9.94	7.95	4.0	2.320	104.7	1.1	0.6	0.3
332	12/24/2013 0:31:05	8.38	50.46	32.75	9.93	7.94	4.8	2.392	104.6	1.6	0.9	0.4
333	12/24/2013 0:46:05	8.38	50.55	32.81	9.75	7.93	5.1	2.478	102.8	1.7	1.0	0.4
334	12/24/2013 1:01:05	8.38	50.57	32.83	9.69	7.93	4.8	2.543	102.1	1.3	0.7	0.3
335	12/24/2013 1:16:05	8.38	50.59	32.85	9.64	7.92	5.0	2.621	101.6	1.6	0.9	0.4
336	12/24/2013 1:31:05	8.38	50.61	32.86	9.61	7.92	5.5	2.701	101.4	1.2	0.7	0.3
337	12/24/2013 1:46:05	8.39	50.64	32.88	9.57	7.92	5.4	2.769	100.9	1.1	0.6	0.3
338	12/24/2013 2:01:05	8.41	50.66	32.90	9.51	7.91	6.3	2.845	100.4	1.1	0.6	0.3
339	12/24/2013 2:16:05	8.43	50.69	32.92	9.44	7.91	6.8	2.914	99.7	2.0	1.1	0.5
340	12/24/2013 2:31:05	8.45	50.73	32.95	9.39	7.90	7.6	2.993	99.2	1.7	1.0	0.4
341	12/24/2013 2:46:05	8.47	50.76	32.97	9.34	7.90	7.0	3.061	98.8	1.3	0.7	0.3
342	12/24/2013 3:01:05	8.49	50.79	33.00	9.25	7.89	7.4	3.118	97.9	1.7	1.0	0.4
343	12/24/2013 3:16:05	8.52	50.88	33.06	9.12	7.87	8.3	3.195	96.6	1.5	0.9	0.4
344	12/24/2013 3:31:05	8.54	50.94	33.11	9.08	7.86	7.3	3.254	96.2	1.3	0.7	0.3
345	12/24/2013 3:46:05	8.57	50.99	33.14	9.00	7.86	5.7	3.306	95.5	1.3	0.7	0.3
346	12/24/2013 4:01:05	8.59	51.03	33.17	8.91	7.85	4.3	3.351	94.6	1.3	0.7	0.3
347	12/24/2013 4:16:05	8.60	51.05	33.20	8.88	7.85	3.4	3.394	94.3	1.3	0.7	0.3
348	12/24/2013 4:31:05	8.61	51.07	33.21	8.79	7.84	3.0	3.421	93.4	1.1	0.6	0.3
349	12/24/2013 4:46:04	8.42	51.01	33.15	8.55	7.83	2.3	3.425	90.4	0.8	0.5	0.2
350	12/24/2013 5:01:05	8.59	51.02	33.17	8.73	7.84	3.9	3.419	92.6	1.2	0.7	0.3
351	12/24/2013 5:16:04	8.52	50.96	33.12	8.99	7.86	5.4	3.394	95.3	1.5	0.9	0.4
352	12/24/2013 5:31:05	8.57	51.01	33.16	8.94	7.85	4.9	3.357	94.8	1.2	0.7	0.3
353	12/24/2013 5:46:05	8.53	50.96	33.12	9.00	7.85	6.4	3.309	95.4	1.8	1.0	0.4
354	12/24/2013 6:01:05	8.48	50.88	33.06	9.09	7.86	8.4	3.248	96.2	1.6	0.9	0.4
355	12/24/2013 6:16:05	8.43	50.79	32.99	9.20	7.88	5.9	3.180	97.2	1.5	0.9	0.4
356	12/24/2013 6:31:05	8.42	50.79	32.99	9.18	7.87	5.4	3.121	97.0	1.1	0.6	0.3
357	12/24/2013 6:46:05	8.37	50.73	32.94	9.24	7.88	5.4	3.057	97.5	1.5	0.9	0.4
358	12/24/2013 7:01:05	8.33	50.68	32.90	9.27	7.88	4.2	2.969	97.6	1.1	0.6	0.3
359	12/24/2013 7:16:05	8.29	50.65	32.88	9.28	7.88	3.3	2.904	97.7	1.2	0.7	0.3
360	12/24/2013 7:31:05	8.26	50.63	32.86	9.23	7.89	3.4	2.843	97.1	0.6	0.3	0.1
361	12/24/2013 7:46:05	8.23	50.61	32.84	9.29	7.89	3.4	2.777	97.6	1.2	0.7	0.3
362	12/24/2013 8:01:05	8.27	50.63	32.86	9.29	7.89	3.6	2.705	97.7	1.0	0.6	0.2
363	12/24/2013 8:16:05	8.21	50.60	32.84	9.32	7.89	3.1	2.646	97.9	1.2	0.7	0.3
364	12/24/2013 8:31:05	8.21	50.61	32.84	9.35	7.89	3.2	2.595	98.2	1.1	0.6	0.3
365	12/24/2013 8:46:05	8.17	50.61	32.84	9.34	7.90	2.8	2.528	98.0	0.9	0.5	0.2
366	12/24/2013 9:01:05	8.17	50.59	32.83	9.34	7.90	2.7	2.481	98.0	1.0	0.6	0.2
367	12/24/2013 9:16:05	8.19	50.59	32.83	9.44	7.90	2.8	2.424	99.1	1.2	0.7	0.3
368	12/24/2013 9:31:05	8.22	50.54	32.79	9.50	7.91	2.7	2.376	99.8	1.0	0.6	0.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
369	12/24/2013 9:46:05	8.22	50.54	32.79	9.50	7.91	2.6	2.349	99.8	1.7	1.0	0.4
370	12/24/2013 10:01:05	8.26	50.51	32.77	9.56	7.91	2.9	2.327	100.5	1.5	0.9	0.4
371	12/24/2013 10:16:05	8.27	50.50	32.77	9.55	7.92	2.9	2.310	100.4	1.1	0.6	0.3
372	12/24/2013 10:31:05	8.26	50.51	32.78	9.26	7.90	2.5	2.282	97.4	1.1	0.6	0.3
373	12/24/2013 10:46:05	8.26	50.52	32.78	9.45	7.91	2.4	2.311	99.3	1.3	0.7	0.3
374	12/24/2013 11:01:05	8.27	50.53	32.79	9.45	7.91	2.4	2.317	99.3	1.0	0.6	0.2
375	12/24/2013 11:16:05	8.29	50.52	32.78	9.49	7.91	2.4	2.327	99.8	1.5	0.9	0.3
376	12/24/2013 11:31:05	8.29	50.50	32.77	9.55	7.91	2.6	2.377	100.4	1.2	0.7	0.3
377	12/24/2013 11:46:05	8.32	50.50	32.77	9.55	7.91	2.6	2.404	100.5	1.4	0.8	0.3
378	12/24/2013 12:01:05	8.32	50.48	32.75	9.51	7.90	3.3	2.450	100.1	1.1	0.6	0.3
379	12/24/2013 12:16:05	8.28	50.37	32.68	9.48	7.90	3.4	2.487	99.6	1.6	0.9	0.4
380	12/24/2013 12:31:05	8.29	50.48	32.75	9.43	7.90	3.6	2.535	99.2	1.8	1.0	0.4
381	12/24/2013 12:46:05	8.31	50.56	32.81	9.37	7.89	2.8	2.577	98.7	1.4	0.8	0.3
382	12/24/2013 13:01:05	8.33	50.58	32.83	9.31	7.89	2.8	2.618	98.0	1.0	0.6	0.2
383	12/24/2013 13:16:05	8.33	50.59	32.84	9.28	7.89	2.8	2.664	97.8	0.8	0.5	0.2
384	12/24/2013 13:31:05	8.34	50.60	32.85	9.26	7.88	2.8	2.696	97.5	0.8	0.5	0.2
385	12/24/2013 13:46:05	8.36	50.63	32.87	9.22	7.88	2.8	2.735	97.2	0.8	0.5	0.2
386	12/24/2013 14:01:05	8.40	50.68	32.91	9.20	7.88	2.8	2.773	97.0	1.1	0.6	0.3
387	12/24/2013 14:16:04	8.45	50.74	32.95	9.16	7.87	2.8	2.810	96.8	1.1	0.6	0.3
388	12/24/2013 14:31:05	8.47	50.76	32.97	9.13	7.87	2.8	2.835	96.5	1.3	0.7	0.3
389	12/24/2013 14:46:04	8.48	50.76	32.98	9.07	7.87	2.6	2.868	95.9	1.3	0.7	0.3
390	12/24/2013 15:01:05	8.48	50.76	32.98	9.08	7.87	2.7	2.906	96.0	1.1	0.6	0.3
391	12/24/2013 15:16:05	8.49	50.77	32.98	9.09	7.87	2.3	2.930	96.1	1.0	0.6	0.2
392	12/24/2013 15:31:05	8.49	50.77	32.98	9.00	7.86	2.1	2.944	95.2	1.0	0.6	0.2
393	12/24/2013 15:46:05	8.50	50.77	32.98	8.98	7.86	2.2	2.977	95.0	0.8	0.5	0.2
394	12/24/2013 16:01:05	8.50	50.76	32.98	8.88	7.85	2.0	2.985	94.0	0.8	0.5	0.2
395	12/24/2013 16:16:05	8.55	50.71	32.95	9.19	7.88	2.7	2.995	97.3	1.1	0.6	0.3
396	12/24/2013 16:31:05	8.52	50.75	32.97	8.85	7.86	2.9	2.991	93.7	0.9	0.5	0.2
397	12/24/2013 16:46:05	8.49	50.74	32.96	9.15	7.87	2.8	2.971	96.8	0.8	0.5	0.2
398	12/24/2013 17:01:05	8.49	50.76	32.98	9.15	7.87	3.1	2.945	96.8	1.4	0.8	0.3
399	12/24/2013 17:16:05	8.50	50.77	32.98	9.14	7.87	3.1	2.918	96.7	1.2	0.7	0.3
400	12/24/2013 17:31:04	8.51	50.67	32.91	9.47	7.90	3.5	2.865	100.2	1.8	1.0	0.4
401	12/24/2013 17:46:05	8.50	50.65	32.89	9.42	7.89	4.4	2.798	99.6	1.4	0.8	0.3
402	12/24/2013 18:01:05	8.56	50.65	32.90	9.60	7.91	4.5	2.747	101.6	1.4	0.8	0.3
403	12/24/2013 18:16:05	8.56	50.64	32.89	9.76	7.92	3.7	2.685	103.3	1.9	1.1	0.4
404	12/24/2013 18:31:05	8.52	50.63	32.88	9.84	7.93	3.4	2.617	104.1	1.4	0.8	0.3
405	12/24/2013 18:46:05	8.52	50.61	32.87	9.88	7.93	3.5	2.529	104.5	1.0	0.6	0.2
406	12/24/2013 19:01:05	8.49	50.59	32.85	9.94	7.94	3.8	2.461	105.0	1.7	1.0	0.4
407	12/24/2013 19:16:05	8.52	50.58	32.85	10.08	7.95	3.2	2.396	106.6	1.3	0.7	0.3
408	12/24/2013 19:31:05	8.54	50.58	32.85	10.18	7.96	2.8	2.316	107.7	1.3	0.7	0.3
409	12/24/2013 19:46:05	8.49	50.58	32.85	9.99	7.95	3.1	2.249	105.6	1.6	0.9	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
410	12/24/2013 20:01:05	8.48	50.57	32.84	9.99	7.95	3.5	2.191	105.5	1.5	0.9	0.3
411	12/24/2013 20:16:05	8.45	50.57	32.83	9.91	7.94	3.1	2.115	104.6	1.4	0.8	0.3
412	12/24/2013 20:31:05	8.41	50.57	32.83	9.76	7.93	2.8	2.063	103.0	1.3	0.7	0.3
413	12/24/2013 20:46:05	8.40	50.54	32.81	9.79	7.94	2.7	2.003	103.2	1.4	0.8	0.3
414	12/24/2013 21:01:05	8.38	50.54	32.81	9.65	7.93	2.8	1.955	101.8	0.9	0.5	0.2
415	12/24/2013 21:16:05	8.38	50.55	32.81	9.66	7.93	2.5	1.924	101.9	1.5	0.9	0.4
416	12/24/2013 21:31:05	8.38	50.55	32.81	9.74	7.94	2.4	1.900	102.7	1.6	0.9	0.4
417	12/24/2013 21:46:05	8.38	50.54	32.81	9.39	7.93	1.8	1.870	98.9	1.1	0.6	0.3
418	12/24/2013 22:01:05	8.43	50.53	32.80	9.13	7.92	2.0	1.867	96.4	2.0	1.1	0.5
419	12/24/2013 22:16:05	8.38	50.51	32.79	9.94	7.95	2.0	1.893	104.8	0.9	0.5	0.2
420	12/24/2013 22:31:05	8.36	50.51	32.78	9.95	7.94	2.1	1.898	104.9	1.5	0.9	0.3
421	12/24/2013 22:46:05	8.37	50.52	32.79	9.87	7.93	2.1	1.928	104.0	1.0	0.6	0.2
422	12/24/2013 23:01:05	8.35	50.48	32.76	10.06	7.95	2.2	1.966	106.0	1.6	0.9	0.4
423	12/24/2013 23:16:05	8.35	50.47	32.76	10.10	7.95	2.4	2.008	106.4	1.0	0.6	0.2
424	12/24/2013 23:31:05	8.33	50.45	32.74	9.97	7.93	2.7	2.055	104.9	1.4	0.8	0.3
425	12/24/2013 23:46:05	8.31	50.33	32.65	10.03	7.93	3.2	2.104	105.5	1.3	0.7	0.3
426	12/25/2013 0:01:05	8.31	50.28	32.61	10.06	7.94	3.3	2.163	105.8	1.0	0.6	0.2
427	12/25/2013 0:16:05	8.36	50.38	32.69	9.95	7.93	3.5	2.216	104.8	0.8	0.5	0.2
428	12/25/2013 0:31:05	8.39	50.46	32.75	9.83	7.92	3.2	2.277	103.6	1.2	0.7	0.3
429	12/25/2013 0:46:05	8.41	50.47	32.76	9.82	7.92	3.5	2.344	103.5	1.6	0.9	0.4
430	12/25/2013 1:01:05	8.41	50.50	32.78	9.74	7.91	3.6	2.409	102.7	1.1	0.6	0.3
431	12/25/2013 1:16:05	8.42	50.53	32.80	9.63	7.90	3.6	2.475	101.6	1.4	0.8	0.3
432	12/25/2013 1:31:05	8.44	50.61	32.86	9.49	7.89	4.2	2.552	100.2	1.3	0.7	0.3
433	12/25/2013 1:46:05	8.44	50.63	32.87	9.47	7.89	4.5	2.626	100.0	1.3	0.7	0.3
434	12/25/2013 2:01:04	8.43	50.65	32.89	9.42	7.88	4.7	2.691	99.5	1.7	1.0	0.4
435	12/25/2013 2:16:05	8.44	50.67	32.90	9.43	7.88	5.3	2.769	99.6	1.4	0.8	0.3
436	12/25/2013 2:31:04	8.45	50.70	32.93	9.37	7.88	5.9	2.842	99.0	1.5	0.9	0.4
437	12/25/2013 2:46:05	8.46	50.74	32.96	9.29	7.87	5.8	2.904	98.2	1.7	1.0	0.4
438	12/25/2013 3:01:05	8.48	50.78	32.99	9.21	7.86	5.7	2.990	97.4	1.6	0.9	0.4
439	12/25/2013 3:16:05	8.49	50.81	33.01	9.16	7.85	6.4	3.056	96.9	1.6	0.9	0.4
440	12/25/2013 3:31:05	8.51	50.85	33.04	9.10	7.85	6.3	3.124	96.4	2.1	1.2	0.5
441	12/25/2013 3:46:05	8.52	50.89	33.07	9.02	7.84	6.8	3.194	95.6	2.0	1.1	0.5
442	12/25/2013 4:01:05	8.54	50.97	33.13	8.96	7.83	6.8	3.262	95.0	1.3	0.7	0.3
443	12/25/2013 4:16:05	8.56	51.02	33.17	8.92	7.82	6.3	3.318	94.6	1.5	0.9	0.4
444	12/25/2013 4:31:05	8.57	51.05	33.19	8.85	7.82	4.8	3.363	93.9	1.4	0.8	0.3
445	12/25/2013 4:46:05	8.58	51.08	33.21	8.79	7.82	3.8	3.418	93.3	1.2	0.7	0.3
446	12/25/2013 5:01:05	8.59	51.11	33.24	8.71	7.81	2.6	3.450	92.5	1.5	0.9	0.4
447	12/25/2013 5:16:05	8.59	51.13	33.25	8.47	7.80	1.9	3.462	89.9	1.4	0.8	0.3
448	12/25/2013 5:31:05	8.39	50.84	33.02	8.68	7.82	2.5	3.474	91.7	1.5	0.9	0.3
449	12/25/2013 5:46:05	8.54	51.03	33.17	8.72	7.80	3.9	3.473	92.4	1.5	0.9	0.4
450	12/25/2013 6:01:05	8.54	51.08	33.21	8.78	7.81	4.6	3.446	93.1	0.9	0.5	0.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
451	12/25/2013 6:16:05	8.56	51.07	33.20	8.82	7.81	4.6	3.406	93.6	1.0	0.6	0.2
452	12/25/2013 6:31:05	8.54	51.08	33.21	8.82	7.81	6.4	3.350	93.6	0.9	0.5	0.2
453	12/25/2013 6:46:05	8.48	50.94	33.10	8.96	7.83	7.8	3.299	94.9	1.3	0.7	0.3
454	12/25/2013 7:01:05	8.38	50.87	33.05	9.00	7.83	5.8	3.232	95.1	1.5	0.9	0.4
455	12/25/2013 7:16:05	8.40	50.87	33.05	8.99	7.83	6.0	3.154	94.9	1.8	1.0	0.4
456	12/25/2013 7:31:05	8.36	50.85	33.03	8.96	7.83	7.0	3.086	94.6	1.6	0.9	0.4
457	12/25/2013 7:46:05	8.28	50.73	32.94	9.14	7.84	3.7	3.019	96.2	1.3	0.7	0.3
458	12/25/2013 8:01:05	8.23	50.70	32.90	9.15	7.85	3.1	2.948	96.2	0.8	0.5	0.2
459	12/25/2013 8:16:05	8.22	50.71	32.91	9.15	7.86	3.6	2.865	96.1	0.7	0.4	0.2
460	12/25/2013 8:31:05	8.19	50.67	32.88	9.25	7.86	3.6	2.800	97.1	0.8	0.5	0.2
461	12/25/2013 8:46:05	8.11	50.63	32.85	9.30	7.87	2.7	2.734	97.4	0.5	0.3	0.1
462	12/25/2013 9:01:05	8.11	50.65	32.86	9.28	7.87	2.8	2.662	97.3	0.9	0.5	0.2
463	12/25/2013 9:16:05	8.14	50.63	32.85	9.29	7.87	3.1	2.601	97.4	1.2	0.7	0.3
464	12/25/2013 9:31:05	8.17	50.67	32.88	9.29	7.87	2.9	2.527	97.5	1.2	0.7	0.3
465	12/25/2013 9:46:05	8.14	50.61	32.83	9.46	7.88	3.9	2.467	99.2	1.5	0.9	0.4
466	12/25/2013 10:01:05	8.19	50.63	32.85	9.57	7.89	3.4	2.392	100.5	0.9	0.5	0.2
467	12/25/2013 10:16:05	8.20	50.61	32.84	9.67	7.89	2.6	2.342	101.6	1.3	0.7	0.3
468	12/25/2013 10:31:05	8.18	50.65	32.87	9.78	7.90	2.6	2.298	102.7	1.4	0.8	0.3
469	12/25/2013 10:46:05	8.25	50.60	32.84	9.73	7.90	2.5	2.254	102.3	0.8	0.5	0.2
470	12/25/2013 11:01:05	8.28	50.59	32.83	9.86	7.91	2.3	2.213	103.8	1.3	0.7	0.3
471	12/25/2013 11:16:05	8.32	50.57	32.83	9.93	7.91	2.3	2.184	104.5	0.7	0.4	0.2
472	12/25/2013 11:31:05	8.33	50.57	32.82	9.89	7.91	1.8	2.170	104.1	0.8	0.5	0.2
473	12/25/2013 11:46:05	8.34	50.59	32.84	9.76	7.90	2.5	2.174	102.8	1.5	0.9	0.4
474	12/25/2013 12:01:05	8.33	50.57	32.83	9.76	7.90	1.9	2.180	102.8	1.3	0.7	0.3
475	12/25/2013 12:16:05	8.33	50.55	32.81	9.71	7.90	1.8	2.191	102.3	1.3	0.7	0.3
476	12/25/2013 12:31:05	8.34	50.53	32.80	9.64	7.90	2.3	2.236	101.5	1.6	0.9	0.4
477	12/25/2013 12:46:05	8.32	50.50	32.77	9.62	7.90	2.2	2.276	101.3	1.4	0.8	0.3
478	12/25/2013 13:01:05	8.32	50.51	32.78	9.58	7.89	2.8	2.289	100.8	1.4	0.8	0.3
479	12/25/2013 13:16:05	8.34	50.52	32.78	9.53	7.89	2.3	2.354	100.4	1.1	0.6	0.3
480	12/25/2013 13:31:05	8.25	50.45	32.73	9.56	7.89	2.9	2.402	100.4	1.8	1.0	0.4
481	12/25/2013 13:46:05	8.27	50.49	32.76	9.48	7.88	2.9	2.421	99.7	1.2	0.7	0.3
482	12/25/2013 14:01:05	8.33	50.54	32.80	9.42	7.88	2.3	2.472	99.2	0.8	0.5	0.2
483	12/25/2013 14:16:05	8.34	50.56	32.82	9.39	7.88	2.2	2.520	99.0	1.4	0.8	0.3
484	12/25/2013 14:31:05	8.36	50.59	32.84	9.36	7.87	2.3	2.547	98.6	1.0	0.6	0.2
485	12/25/2013 14:46:05	8.36	50.60	32.85	9.30	7.87	2.5	2.577	98.0	1.5	0.9	0.4
486	12/25/2013 15:01:05	8.34	50.62	32.86	9.27	7.86	2.3	2.640	97.7	1.6	0.9	0.4
487	12/25/2013 15:16:05	8.35	50.66	32.89	9.20	7.86	2.9	2.667	97.0	1.7	1.0	0.4
488	12/25/2013 15:31:05	8.41	50.72	32.94	9.15	7.85	2.6	2.704	96.6	0.9	0.5	0.2
489	12/25/2013 15:46:05	8.44	50.76	32.97	9.07	7.84	2.5	2.744	95.8	1.5	0.9	0.4
490	12/25/2013 16:01:04	8.45	50.76	32.97	9.04	7.84	2.3	2.783	95.6	1.1	0.6	0.3
491	12/25/2013 16:16:04	8.46	50.77	32.98	9.06	7.84	2.5	2.823	95.7	1.3	0.7	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
492	12/25/2013 16:31:05	8.47	50.78	32.99	9.04	7.84	2.3	2.838	95.6	1.1	0.6	0.3
493	12/25/2013 16:46:05	8.47	50.78	32.99	8.92	7.84	1.8	2.863	94.3	1.3	0.7	0.3
494	12/25/2013 17:01:05	8.46	50.78	32.98	8.90	7.84	2.2	2.891	94.1	1.7	1.0	0.4
495	12/25/2013 17:16:05	8.46	50.78	32.99	8.85	7.84	2.1	2.895	93.6	1.6	0.9	0.4
496	12/25/2013 17:31:05	8.47	50.76	32.97	9.00	7.84	2.6	2.900	95.2	1.6	0.9	0.4
497	12/25/2013 17:46:05	8.45	50.77	32.98	9.02	7.84	2.7	2.901	95.3	0.7	0.4	0.2
498	12/25/2013 18:01:05	8.40	50.75	32.96	8.99	7.84	2.8	2.894	94.9	1.0	0.6	0.2
499	12/25/2013 18:16:04	8.44	50.75	32.96	9.05	7.84	4.0	2.843	95.6	1.4	0.8	0.3
500	12/25/2013 18:31:05	8.43	50.76	32.97	9.09	7.85	3.5	2.822	96.0	1.3	0.7	0.3
501	12/25/2013 18:46:05	8.41	50.69	32.92	9.19	7.85	3.2	2.772	97.1	1.3	0.7	0.3
502	12/25/2013 19:01:05	8.49	50.66	32.90	9.35	7.87	3.6	2.714	98.8	1.5	0.9	0.4
503	12/25/2013 19:16:05	8.52	50.63	32.89	9.55	7.89	3.6	2.664	101.1	1.4	0.8	0.3
504	12/25/2013 19:31:05	8.43	50.64	32.88	9.58	7.90	3.1	2.583	101.1	1.3	0.7	0.3
505	12/25/2013 19:46:05	8.34	50.62	32.86	9.54	7.90	2.9	2.548	100.5	1.8	1.0	0.4
506	12/25/2013 20:01:05	8.41	50.62	32.86	9.70	7.91	2.9	2.482	102.3	1.6	0.9	0.4
507	12/25/2013 20:16:05	8.38	50.63	32.87	9.72	7.91	2.8	2.401	102.5	1.1	0.6	0.3
508	12/25/2013 20:31:05	8.40	50.58	32.83	9.70	7.92	2.8	2.368	102.3	1.4	0.8	0.3
509	12/25/2013 20:46:05	8.40	50.58	32.83	9.77	7.92	2.8	2.324	103.1	1.0	0.6	0.2
510	12/25/2013 21:01:05	8.39	50.60	32.85	9.86	7.93	2.6	2.258	104.0	1.3	0.7	0.3
511	12/25/2013 21:16:05	8.42	50.58	32.84	9.92	7.93	2.5	2.202	104.7	1.3	0.7	0.3
512	12/25/2013 21:31:05	8.65	50.35	32.69	9.94	7.95	2.7	2.178	105.3	1.2	0.7	0.3
513	12/25/2013 21:46:05	8.31	50.64	32.87	9.85	7.93	2.4	2.133	103.8	1.4	0.8	0.3
514	12/25/2013 22:01:05	8.34	50.57	32.82	9.82	7.93	2.1	2.091	103.4	1.5	0.9	0.4
515	12/25/2013 22:16:05	8.26	50.63	32.86	9.80	7.93	2.1	2.062	103.1	1.3	0.7	0.3
516	12/25/2013 22:31:05	8.24	50.55	32.80	9.81	7.93	2.0	2.041	103.1	1.7	1.0	0.4
517	12/25/2013 22:46:05	8.24	50.54	32.79	9.51	7.93	1.5	2.055	99.9	1.2	0.7	0.3
518	12/25/2013 23:01:05	8.36	50.60	32.85	9.75	7.94	1.8	2.033	102.8	1.6	0.9	0.4
519	12/25/2013 23:16:05	8.22	50.55	32.80	9.98	7.95	1.9	2.037	104.8	1.4	0.8	0.3
520	12/25/2013 23:31:05	8.19	50.53	32.78	10.00	7.94	2.5	2.083	105.0	1.2	0.7	0.3
521	12/25/2013 23:46:05	8.25	50.55	32.80	9.83	7.93	2.3	2.097	103.3	1.4	0.8	0.3
522	12/26/2013 0:01:05	8.20	50.53	32.78	9.79	7.92	2.0	2.133	102.8	0.9	0.5	0.2
523	12/26/2013 0:16:05	8.20	50.53	32.78	9.76	7.92	2.4	2.165	102.5	1.3	0.7	0.3
524	12/26/2013 0:31:05	8.22	50.53	32.79	9.71	7.91	2.5	2.214	102.0	1.3	0.7	0.3
525	12/26/2013 0:46:05	8.07	50.40	32.68	9.84	7.92	3.5	2.272	103.0	1.4	0.8	0.3
526	12/26/2013 1:01:05	8.04	50.37	32.65	9.90	7.92	3.5	2.342	103.4	1.3	0.7	0.3
527	12/26/2013 1:16:05	8.18	50.47	32.74	9.67	7.90	3.2	2.400	101.5	1.3	0.7	0.3
528	12/26/2013 1:31:05	8.22	50.51	32.77	9.60	7.90	3.1	2.462	100.8	1.3	0.7	0.3
529	12/26/2013 1:46:05	8.30	50.56	32.81	9.53	7.89	3.9	2.533	100.3	1.2	0.7	0.3
530	12/26/2013 2:01:05	8.32	50.60	32.84	9.43	7.88	3.5	2.596	99.3	1.3	0.7	0.3
531	12/26/2013 2:16:05	8.32	50.65	32.88	9.31	7.87	3.8	2.658	98.0	1.6	0.9	0.4
532	12/26/2013 2:31:05	8.35	50.69	32.91	9.23	7.86	3.9	2.740	97.3	1.9	1.1	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
533	12/26/2013 2:46:05	8.35	50.71	32.93	9.17	7.85	4.1	2.823	96.7	1.5	0.9	0.3
534	12/26/2013 3:01:05	8.36	50.74	32.95	9.13	7.85	4.5	2.876	96.3	2.1	1.2	0.5
535	12/26/2013 3:16:05	8.38	50.79	32.99	9.04	7.84	4.9	2.950	95.4	1.0	0.6	0.2
536	12/26/2013 3:31:05	8.41	50.83	33.02	8.99	7.84	5.6	3.022	95.0	1.6	0.9	0.4
537	12/26/2013 3:46:05	8.43	50.87	33.05	8.96	7.83	7.5	3.091	94.8	1.7	1.0	0.4
538	12/26/2013 4:01:05	8.45	50.90	33.07	8.93	7.82	6.1	3.169	94.5	1.3	0.7	0.3
539	12/26/2013 4:16:05	8.46	50.94	33.11	8.89	7.82	5.7	3.239	94.1	1.5	0.9	0.4
540	12/26/2013 4:31:05	8.46	50.99	33.14	8.85	7.82	7.0	3.330	93.6	1.3	0.7	0.3
541	12/26/2013 4:46:05	8.46	51.06	33.19	8.81	7.81	7.3	3.383	93.3	1.3	0.7	0.3
542	12/26/2013 5:01:05	8.47	51.11	33.23	8.75	7.81	5.0	3.450	92.7	1.2	0.7	0.3
543	12/26/2013 5:16:05	8.47	51.15	33.25	8.73	7.81	5.2	3.506	92.4	1.7	1.0	0.4
544	12/26/2013 5:31:05	8.47	51.21	33.30	8.63	7.80	2.9	3.544	91.5	1.3	0.7	0.3
545	12/26/2013 5:46:05	8.44	51.19	33.28	8.57	7.80	2.7	3.559	90.8	1.5	0.9	0.3
546	12/26/2013 6:01:05	8.45	51.22	33.30	8.41	7.79	2.3	3.616	89.1	1.4	0.8	0.3
547	12/26/2013 6:16:05	7.80	51.13	33.18	8.81	7.84	3.1	3.596	91.9	2.0	1.1	0.5
548	12/26/2013 6:31:05	8.09	50.94	33.07	8.82	7.82	4.1	3.593	92.6	1.4	0.8	0.3
549	12/26/2013 6:46:05	8.39	51.15	33.25	8.66	7.80	4.8	3.574	91.6	1.6	0.9	0.4
550	12/26/2013 7:01:05	8.39	51.14	33.24	8.70	7.80	7.3	3.508	92.0	1.2	0.7	0.3
551	12/26/2013 7:16:05	8.29	51.03	33.15	8.82	7.81	6.5	3.463	93.0	1.4	0.8	0.3
552	12/26/2013 7:31:05	8.13	50.90	33.04	8.93	7.83	5.1	3.415	93.7	1.3	0.7	0.3
553	12/26/2013 7:46:05	8.24	50.96	33.10	8.85	7.81	4.0	3.328	93.2	1.1	0.6	0.3
554	12/26/2013 8:01:05	8.20	50.90	33.05	8.91	7.82	4.5	3.263	93.7	0.9	0.5	0.2
555	12/26/2013 8:16:05	8.13	50.87	33.02	8.99	7.83	4.5	3.172	94.3	1.2	0.7	0.3
556	12/26/2013 8:31:05	8.00	50.79	32.95	9.05	7.83	3.4	3.092	94.6	1.0	0.6	0.2
557	12/26/2013 8:46:05	7.96	50.77	32.94	9.09	7.84	3.6	3.017	95.0	1.2	0.7	0.3
558	12/26/2013 9:01:05	8.00	50.76	32.93	9.12	7.84	4.0	2.943	95.4	1.0	0.6	0.2
559	12/26/2013 9:16:05	7.93	50.78	32.94	9.17	7.85	3.1	2.864	95.8	1.0	0.6	0.2
560	12/26/2013 9:31:05	7.89	50.74	32.91	9.24	7.86	3.1	2.772	96.5	0.5	0.3	0.1
561	12/26/2013 9:46:05	7.91	50.72	32.89	9.30	7.86	3.1	2.711	97.1	1.0	0.6	0.2
562	12/26/2013 10:01:04	8.06	50.71	32.90	9.27	7.85	3.0	2.635	97.1	1.2	0.7	0.3
563	12/26/2013 10:16:05	8.10	50.72	32.91	9.41	7.87	2.8	2.539	98.6	0.9	0.5	0.2
564	12/26/2013 10:31:05	8.18	50.72	32.92	9.48	7.87	4.2	2.478	99.6	1.2	0.7	0.3
565	12/26/2013 10:46:05	8.22	50.74	32.93	9.80	7.90	3.1	2.378	103.0	0.9	0.5	0.2
566	12/26/2013 11:01:05	8.25	50.69	32.90	9.64	7.88	2.8	2.319	101.4	1.1	0.6	0.3
567	12/26/2013 11:16:05	8.30	50.67	32.89	10.17	7.92	3.6	2.233	107.1	0.9	0.5	0.2
568	12/26/2013 11:31:05	8.31	50.69	32.91	10.05	7.92	2.6	2.169	105.9	1.5	0.9	0.4
569	12/26/2013 11:46:05	8.37	50.64	32.88	9.93	7.92	2.3	2.123	104.7	0.9	0.5	0.2
570	12/26/2013 12:01:04	8.40	50.56	32.82	9.96	7.92	2.3	2.050	105.1	1.0	0.6	0.2
571	12/26/2013 12:16:05	8.30	50.58	32.83	10.08	7.94	2.1	2.015	106.1	0.4	0.2	0.1
572	12/26/2013 12:31:05	8.27	50.57	32.82	9.79	7.92	2.0	1.975	102.9	0.6	0.3	0.1
573	12/26/2013 12:46:05	8.57	50.50	32.79	9.96	7.93	1.9	1.969	105.4	0.5	0.3	0.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
574	12/26/2013 13:01:05	8.47	50.61	32.86	10.05	7.93	1.8	1.977	106.2	1.5	0.9	0.3
575	12/26/2013 13:16:05	8.30	50.56	32.82	10.07	7.94	1.7	1.985	106.0	1.1	0.6	0.3
576	12/26/2013 13:31:05	8.33	50.57	32.83	9.94	7.92	2.2	2.033	104.7	0.8	0.5	0.2
577	12/26/2013 13:46:05	8.23	50.55	32.80	9.94	7.93	2.1	2.056	104.4	0.9	0.5	0.2
578	12/26/2013 14:01:05	8.22	50.54	32.79	9.89	7.93	2.3	2.116	103.9	1.0	0.6	0.2
579	12/26/2013 14:16:05	8.18	50.54	32.79	9.84	7.92	2.0	2.138	103.3	1.3	0.7	0.3
580	12/26/2013 14:31:05	7.95	50.32	32.61	10.02	7.93	3.1	2.209	104.5	1.3	0.7	0.3
581	12/26/2013 14:46:05	7.98	50.42	32.68	9.86	7.92	2.7	2.263	102.9	0.8	0.5	0.2
582	12/26/2013 15:01:05	8.13	50.51	32.76	9.68	7.90	2.3	2.308	101.4	1.1	0.6	0.3
583	12/26/2013 15:16:05	8.17	50.54	32.79	9.60	7.89	2.4	2.360	100.7	1.3	0.7	0.3
584	12/26/2013 15:31:05	8.18	50.55	32.80	9.55	7.89	2.2	2.403	100.2	0.7	0.4	0.2
585	12/26/2013 15:46:05	8.14	50.57	32.81	9.48	7.88	2.3	2.461	99.4	1.7	1.0	0.4
586	12/26/2013 16:01:05	8.13	50.60	32.83	9.38	7.88	2.3	2.522	98.3	0.9	0.5	0.2
587	12/26/2013 16:16:05	8.18	50.65	32.87	9.27	7.87	2.0	2.551	97.3	1.0	0.6	0.2
588	12/26/2013 16:31:05	8.24	50.73	32.93	9.11	7.85	2.5	2.603	95.8	0.9	0.5	0.2
589	12/26/2013 16:46:05	8.25	50.76	32.95	9.07	7.85	2.1	2.642	95.4	1.0	0.6	0.2
590	12/26/2013 17:01:05	8.25	50.76	32.96	9.04	7.84	2.2	2.695	95.1	1.1	0.6	0.3
591	12/26/2013 17:16:05	8.25	50.77	32.96	9.05	7.84	2.3	2.734	95.2	1.5	0.9	0.4
592	12/26/2013 17:31:05	8.25	50.77	32.96	9.01	7.84	2.3	2.760	94.8	1.0	0.6	0.2
593	12/26/2013 17:46:05	8.26	50.77	32.96	9.01	7.84	2.2	2.804	94.8	1.4	0.8	0.3
594	12/26/2013 18:01:05	8.27	50.77	32.96	9.02	7.84	2.1	2.832	94.9	1.6	0.9	0.4
595	12/26/2013 18:16:05	8.27	50.77	32.96	8.99	7.84	1.9	2.850	94.6	1.2	0.7	0.3
596	12/26/2013 18:31:05	8.26	50.78	32.97	8.85	7.83	2.0	2.877	93.2	0.9	0.5	0.2
597	12/26/2013 18:46:05	8.21	50.66	32.88	9.20	7.87	2.0	2.884	96.7	1.3	0.7	0.3
598	12/26/2013 19:01:05	8.23	50.74	32.94	8.92	7.83	2.7	2.876	93.8	1.5	0.9	0.4
599	12/26/2013 19:16:05	8.19	50.76	32.95	8.97	7.84	2.7	2.847	94.2	1.1	0.6	0.3
600	12/26/2013 19:31:05	8.15	50.77	32.96	8.98	7.84	2.6	2.842	94.2	1.5	0.9	0.4
601	12/26/2013 19:46:05	8.13	50.77	32.95	8.97	7.84	2.8	2.829	94.1	0.9	0.5	0.2
602	12/26/2013 20:01:05	8.12	50.74	32.92	9.07	7.85	2.7	2.777	95.1	1.3	0.7	0.3
603	12/26/2013 20:16:05	8.07	50.71	32.90	9.14	7.85	2.6	2.736	95.8	1.4	0.8	0.3
604	12/26/2013 20:31:05	8.12	50.67	32.88	9.18	7.85	2.9	2.686	96.2	1.2	0.7	0.3
605	12/26/2013 20:46:05	8.27	50.67	32.89	9.37	7.88	3.3	2.646	98.5	1.8	1.0	0.4
606	12/26/2013 21:01:05	8.31	50.68	32.90	9.48	7.89	2.9	2.563	99.8	1.1	0.6	0.3
607	12/26/2013 21:16:05	8.26	50.67	32.89	9.45	7.89	2.7	2.533	99.4	2.2	1.3	0.5
608	12/26/2013 21:31:05	8.26	50.67	32.89	9.43	7.89	2.8	2.485	99.1	1.5	0.9	0.4
609	12/26/2013 21:46:05	8.28	50.66	32.88	9.48	7.89	2.6	2.412	99.8	1.7	1.0	0.4
610	12/26/2013 22:01:05	8.28	50.65	32.88	9.48	7.90	2.8	2.379	99.8	1.0	0.6	0.2
611	12/26/2013 22:16:05	8.28	50.64	32.87	9.54	7.91	3.0	2.315	100.3	1.5	0.9	0.4
612	12/26/2013 22:31:05	8.28	50.62	32.85	9.58	7.91	2.3	2.307	100.8	1.2	0.7	0.3
613	12/26/2013 22:46:05	8.19	50.66	32.88	9.60	7.91	2.4	2.270	100.8	0.8	0.5	0.2
614	12/26/2013 23:01:05	8.20	50.60	32.83	9.58	7.91	2.6	2.211	100.6	1.4	0.8	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
615	12/26/2013 23:16:05	8.16	50.61	32.84	9.50	7.91	2.0	2.214	99.7	1.4	0.8	0.3
616	12/26/2013 23:31:05	8.17	50.59	32.82	9.09	7.90	1.6	2.207	95.4	1.3	0.7	0.3
617	12/26/2013 23:46:05	8.20	50.60	32.83	9.23	7.88	1.7	2.171	96.9	1.1	0.6	0.3
618	12/27/2013 0:01:05	8.18	50.62	32.84	9.34	7.90	2.0	2.185	98.0	1.5	0.9	0.4
619	12/27/2013 0:16:05	8.12	50.60	32.83	9.51	7.90	2.1	2.202	99.7	1.4	0.8	0.3
620	12/27/2013 0:31:05	8.16	50.59	32.82	9.59	7.90	2.0	2.207	100.6	1.2	0.7	0.3
621	12/27/2013 0:46:05	8.10	50.59	32.82	9.59	7.90	2.1	2.232	100.4	1.2	0.7	0.3
622	12/27/2013 1:01:05	8.00	50.57	32.79	9.57	7.90	2.3	2.257	100.0	0.9	0.5	0.2
623	12/27/2013 1:16:05	8.03	50.59	32.81	9.56	7.89	2.8	2.319	99.9	1.0	0.6	0.2
624	12/27/2013 1:31:05	8.03	50.60	32.82	9.50	7.89	3.5	2.361	99.4	1.2	0.7	0.3
625	12/27/2013 1:46:05	7.80	50.53	32.74	9.63	7.90	3.3	2.398	100.2	0.8	0.5	0.2
626	12/27/2013 2:01:05	7.97	50.61	32.82	9.51	7.88	3.1	2.475	99.3	1.1	0.6	0.3
627	12/27/2013 2:16:05	7.95	50.63	32.83	9.44	7.88	3.3	2.535	98.5	0.6	0.3	0.2
628	12/27/2013 2:31:05	8.00	50.69	32.88	9.30	7.87	4.1	2.590	97.2	1.2	0.7	0.3
629	12/27/2013 2:46:05	8.02	50.71	32.90	9.23	7.86	4.9	2.659	96.6	0.8	0.5	0.2
630	12/27/2013 3:01:05	8.05	50.74	32.92	9.23	7.85	11.1	2.715	96.6	1.7	1.0	0.4
631	12/27/2013 3:16:05	8.11	50.80	32.97	9.13	7.85	9.5	2.797	95.8	1.9	1.1	0.5
632	12/27/2013 3:31:05	8.13	50.82	32.99	9.08	7.84	5.6	2.853	95.3	1.2	0.7	0.3
633	12/27/2013 3:46:05	8.17	50.84	33.00	9.06	7.84	7.3	2.915	95.2	1.9	1.1	0.5
634	12/27/2013 4:01:05	8.22	50.89	33.04	8.99	7.83	5.3	2.990	94.6	1.6	0.9	0.4
635	12/27/2013 4:16:05	8.25	50.93	33.07	8.94	7.83	5.3	3.079	94.2		0.0	
636	12/27/2013 4:31:05	8.27	50.96	33.10	8.92	7.82	5.9	3.147	93.9		0.0	
637	12/27/2013 4:46:05	8.30	50.98	33.12	8.89	7.82	6.0	3.234	93.7		0.0	
638	12/27/2013 5:01:05	8.34	51.05	33.17	8.87	7.81	8.1	3.315	93.6		0.0	
639	12/27/2013 5:16:05	8.37	51.11	33.21	8.83	7.81	8.3	3.389	93.3	2.2	1.3	0.5
640	12/27/2013 5:31:05	8.39	51.17	33.26	8.81	7.80	8.0	3.461	93.1	2.5	1.4	0.6
641	12/27/2013 5:46:05	8.40	51.20	33.29	8.81	7.80	6.7	3.529	93.2	2.5	1.4	0.6
642	12/27/2013 6:01:05	8.41	51.22	33.30	8.78	7.80	5.6	3.588	92.9	1.8	1.0	0.4
643	12/27/2013 6:16:05	8.41	51.23	33.30	8.76	7.79	4.8	3.637	92.7	1.9	1.1	0.4
644	12/27/2013 6:31:05	8.35	51.26	33.32	8.69	7.80	18.1	3.668	91.8	2.3	1.3	0.6
645	12/27/2013 6:46:05	7.78	51.38	33.36	8.63	7.82	2.7	3.700	90.1	1.4	0.8	0.3
646	12/27/2013 7:01:05	8.24	51.12	33.21	8.50	7.79	3.5	3.700	89.6	1.6	0.9	0.4
647	12/27/2013 7:16:05	8.18	51.08	33.18	8.62	7.80	3.9	3.686	90.7	1.7	1.0	0.4
648	12/27/2013 7:31:05	8.29	51.17	33.25	8.71	7.80	5.3	3.646	91.8	2.1	1.2	0.5
649	12/27/2013 7:46:05	8.32	51.18	33.26	8.76	7.80	4.2	3.635	92.5	1.7	1.0	0.4
650	12/27/2013 8:01:05	8.21	51.12	33.21	8.80	7.81	4.3	3.569	92.6	1.5	0.9	0.4
651	12/27/2013 8:16:05	8.11	51.02	33.12	8.85	7.81	4.9	3.499	92.9	1.9	1.1	0.4
652	12/27/2013 8:31:05	8.18	51.02	33.14	8.81	7.80	3.6	3.435	92.7	1.6	0.9	0.4
653	12/27/2013 8:46:05	8.11	50.98	33.10	8.85	7.81	4.8	3.356	93.0	1.5	0.9	0.4
654	12/27/2013 9:01:05	8.10	50.97	33.09	8.92	7.81	4.2	3.272	93.6	1.0	0.6	0.2
655	12/27/2013 9:16:05	7.94	50.90	33.02	9.00	7.82	4.7	3.182	94.1	1.3	0.7	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
656	12/27/2013 9:31:05	8.02	50.91	33.04	8.96	7.82	4.6	3.097	93.8	1.8	1.0	0.4
657	12/27/2013 9:46:05	8.06	50.93	33.06	8.98	7.82	3.4	3.021	94.1	1.7	1.0	0.4
658	12/27/2013 10:01:05	8.03	50.91	33.04	8.99	7.82	3.4	2.914	94.2	1.5	0.9	0.4
659	12/27/2013 10:16:05	8.03	50.88	33.02	9.05	7.83	4.5	2.827	94.8	0.9	0.5	0.2
660	12/27/2013 10:31:05	8.12	50.88	33.03	9.02	7.82	4.5	2.728	94.7	1.5	0.9	0.4
661	12/27/2013 10:46:05	8.02	50.85	33.00	9.14	7.84	3.1	2.643	95.7	2.1	1.2	0.5
662	12/27/2013 11:01:05	8.09	50.87	33.02	9.18	7.84	3.7	2.543	96.2	1.0	0.6	0.2
663	12/27/2013 11:16:05	8.11	50.89	33.03	9.45	7.85	4.3	2.428	99.2	1.6	0.9	0.4
664	12/27/2013 11:31:05	8.11	50.89	33.03	9.51	7.86	3.4	2.342	99.7	1.5	0.9	0.3
665	12/27/2013 11:46:05	8.13	50.85	33.00	9.67	7.88	3.7	2.232	101.5	1.7	1.0	0.4
666	12/27/2013 12:01:05	8.11	50.77	32.95	9.75	7.89	4.1	2.144	102.3	3.3	1.9	0.8
667	12/27/2013 12:16:05	8.12	50.75	32.94	9.82	7.90	3.1	2.053	103.0	1.1	0.6	0.3
668	12/27/2013 12:31:05	8.15	50.71	32.91	9.94	7.91	2.8	1.966	104.3	1.1	0.6	0.3
669	12/27/2013 12:46:04	8.09	50.69	32.89	9.82	7.91	2.7	1.920	102.9	1.5	0.9	0.4
670	12/27/2013 13:01:05	8.09	50.68	32.88	9.80	7.91	2.6	1.842	102.7	1.3	0.7	0.3
671	12/27/2013 13:16:05	8.15	50.67	32.88	9.79	7.91	2.2	1.813	102.7	2.0	1.1	0.5
672	12/27/2013 13:31:05	8.26	50.66	32.88	9.78	7.92	2.1	1.764	102.9	1.3	0.7	0.3
673	12/27/2013 13:46:05	8.34	50.73	32.94	10.18	7.92	2.5	1.781	107.3	1.4	0.8	0.3
674	12/27/2013 14:01:05	8.19	50.67	32.88	10.05	7.92	2.5	1.775	105.5	0.6	0.3	0.2
675	12/27/2013 14:16:05	8.17	50.64	32.86	10.08	7.93	2.1	1.750	105.8	1.5	0.9	0.4
676	12/27/2013 14:31:05	8.19	50.65	32.87	10.09	7.93	2.3	1.807	106.0	1.2	0.7	0.3
677	12/27/2013 14:46:05	8.10	50.60	32.82	10.21	7.95	2.4	1.875	106.9	0.9	0.5	0.2
678	12/27/2013 15:01:05	8.02	50.57	32.79	10.29	7.96	2.3	1.931	107.6	1.0	0.6	0.2
679	12/27/2013 15:16:05	7.91	50.46	32.70	10.36	7.96	3.2	1.963	108.0	0.9	0.5	0.2
680	12/27/2013 15:31:05	7.79	50.29	32.58	10.39	7.96	4.1	2.031	107.9	0.6	0.3	0.1
681	12/27/2013 15:46:05	7.74	50.41	32.65	10.26	7.95	4.0	2.111	106.5	1.1	0.6	0.3
682	12/27/2013 16:01:05	7.91	50.53	32.76	9.95	7.92	3.2	2.175	103.8	1.2	0.7	0.3
683	12/27/2013 16:16:05	7.96	50.57	32.79	9.85	7.91	3.8	2.231	102.9	0.9	0.5	0.2
684	12/27/2013 16:31:05	7.96	50.58	32.80	9.83	7.91	3.4	2.296	102.6	1.4	0.8	0.3
685	12/27/2013 16:46:05	7.94	50.59	32.80	9.79	7.90	3.2	2.350	102.2	1.1	0.6	0.3
686	12/27/2013 17:01:05	7.97	50.63	32.84	9.62	7.89	3.2	2.412	100.5	1.2	0.7	0.3
687	12/27/2013 17:16:05	8.04	50.69	32.89	9.44	7.87	3.1	2.469	98.8	1.6	0.9	0.4
688	12/27/2013 17:31:05	8.07	50.73	32.92	9.33	7.86	2.9	2.526	97.8	1.4	0.8	0.3
689	12/27/2013 17:46:05	8.09	50.75	32.93	9.29	7.85	2.9	2.577	97.4	1.4	0.8	0.3
690	12/27/2013 18:01:05	8.10	50.76	32.94	9.27	7.85	3.3	2.644	97.1	1.4	0.8	0.3
691	12/27/2013 18:16:05	8.11	50.77	32.95	9.23	7.85	3.0	2.685	96.8	1.1	0.6	0.3
692	12/27/2013 18:31:05	8.11	50.78	32.96	9.21	7.85	3.1	2.724	96.6	1.4	0.8	0.3
693	12/27/2013 18:46:05	8.12	50.79	32.97	9.18	7.84	2.7	2.783	96.3	1.9	1.1	0.5
694	12/27/2013 19:01:05	8.14	50.81	32.98	9.15	7.84	2.7	2.822	96.0	1.3	0.7	0.3
695	12/27/2013 19:16:05	8.15	50.80	32.97	9.13	7.84	2.9	2.857	95.9	1.3	0.7	0.3
696	12/27/2013 19:31:05	8.16	50.79	32.97	9.10	7.83	3.1	2.881	95.5	1.8	1.0	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
697	12/27/2013 19:46:05	8.17	50.80	32.98	9.06	7.83	3.1	2.922	95.1	3.0	1.7	0.7
698	12/27/2013 20:01:05	8.18	50.80	32.98	8.90	7.83	2.4	2.933	93.5	1.4	0.8	0.3
699	12/27/2013 20:16:05	8.11	50.81	32.98	9.04	7.85	2.5	2.951	94.8	2.0	1.1	0.5
700	12/27/2013 20:31:05	8.14	50.77	32.95	8.91	7.84	2.9	2.952	93.5	1.5	0.9	0.4
701	12/27/2013 20:46:05	8.17	50.80	32.97	8.95	7.83	2.9	2.926	94.0	1.5	0.9	0.4
702	12/27/2013 21:01:05	8.17	50.79	32.97	8.92	7.83	2.7	2.920	93.6	1.6	0.9	0.4
703	12/27/2013 21:16:05	8.15	50.77	32.95	8.95	7.84	3.2	2.864	94.0	1.3	0.7	0.3
704	12/27/2013 21:31:05	8.14	50.76	32.94	9.04	7.84	3.9	2.826	94.8	1.8	1.0	0.4
705	12/27/2013 21:46:05	8.12	50.72	32.91	9.13	7.85	3.4	2.778	95.7	1.2	0.7	0.3
706	12/27/2013 22:01:05	8.15	50.74	32.93	9.14	7.85	3.9	2.719	95.9	2.2	1.3	0.5
707	12/27/2013 22:16:05	8.19	50.75	32.94	9.15	7.86	3.6	2.663	96.2	1.2	0.7	0.3
708	12/27/2013 22:31:05	8.19	50.74	32.93	9.17	7.86	3.4	2.606	96.3	1.1	0.6	0.3
709	12/27/2013 22:46:05	8.19	50.73	32.93	9.20	7.86	3.0	2.563	96.6	1.6	0.9	0.4
710	12/27/2013 23:01:05	8.19	50.73	32.92	9.20	7.86	3.1	2.510	96.6	1.4	0.8	0.3
711	12/27/2013 23:16:05	8.19	50.72	32.92	9.20	7.86	3.1	2.472	96.6	1.2	0.7	0.3
712	12/27/2013 23:31:05	8.20	50.72	32.92	8.95	7.84	2.7	2.427	94.0	1.2	0.7	0.3
713	12/27/2013 23:46:05	8.23	50.70	32.91	9.12	7.86	2.6	2.377	95.9	1.7	1.0	0.4
714	12/28/2013 0:01:05	8.21	50.71	32.91	9.25	7.87	2.6	2.343	97.2	1.2	0.7	0.3
715	12/28/2013 0:16:05	8.20	50.68	32.89	9.33	7.88	2.5	2.290	98.0	1.1	0.6	0.3
716	12/28/2013 0:31:05	8.19	50.66	32.88	9.33	7.88	2.3	2.281	98.0	1.5	0.9	0.4
717	12/28/2013 0:46:05	8.18	50.65	32.87	9.27	7.88	1.8	2.248	97.3	1.2	0.7	0.3
718	12/28/2013 1:01:05	8.31	50.62	32.86	9.18	7.87	3.1	2.252	96.6	1.2	0.7	0.3
719	12/28/2013 1:16:05	8.19	50.65	32.87	9.40	7.88	2.4	2.260	98.7	1.1	0.6	0.3
720	12/28/2013 1:31:05	8.11	50.60	32.83	9.57	7.90	2.6	2.284	100.3	1.1	0.6	0.3
721	12/28/2013 1:46:05	8.09	50.62	32.84	9.52	7.89	2.6	2.295	99.7	1.4	0.8	0.3
722	12/28/2013 2:01:05	8.02	50.60	32.82	9.58	7.90	2.5	2.361	100.1	2.0	1.1	0.5
723	12/28/2013 2:16:05	8.05	50.63	32.84	9.51	7.88	3.6	2.424	99.5	1.3	0.7	0.3
724	12/28/2013 2:31:05	8.01	50.58	32.80	9.50	7.89	4.4	2.458	99.3	1.3	0.7	0.3
725	12/28/2013 2:46:05	8.05	50.60	32.82	9.47	7.88	4.0	2.527	99.1	1.9	1.1	0.4
726	12/28/2013 3:01:05	8.09	50.68	32.88	9.29	7.86	4.1	2.589	97.4	1.1	0.6	0.3
727	12/28/2013 3:16:05	8.11	50.71	32.91	9.19	7.85	4.0	2.645	96.4	1.4	0.8	0.3
728	12/28/2013 3:31:05	8.11	50.72	32.92	9.14	7.85	4.0	2.699	95.8	1.3	0.7	0.3
729	12/28/2013 3:46:05	8.12	50.75	32.93	9.12	7.84	4.0	2.781	95.6	1.7	1.0	0.4
730	12/28/2013 4:01:05	8.15	50.80	32.97	9.07	7.84	5.0	2.850	95.2	1.2	0.7	0.3
731	12/28/2013 4:16:05	8.15	50.83	33.00	9.04	7.83	4.8	2.927	95.0	1.6	0.9	0.4
732	12/28/2013 4:31:05	8.17	50.87	33.02	9.01	7.83	4.7	3.002	94.7	2.0	1.1	0.5
733	12/28/2013 4:46:05	8.22	50.93	33.07	8.95	7.82	5.7	3.081	94.1	2.0	1.1	0.5
734	12/28/2013 5:01:05	8.27	50.98	33.11	8.91	7.81	6.1	3.159	93.8	1.7	1.0	0.4
735	12/28/2013 5:16:05	8.30	51.02	33.14	8.91	7.81	7.5	3.245	94.0	1.5	0.9	0.4
736	12/28/2013 5:31:05	8.34	51.07	33.18	8.91	7.80	6.7	3.341	94.0	1.8	1.0	0.4
737	12/28/2013 5:46:05	8.37	51.12	33.22	8.93	7.80	8.6	3.411	94.4	2.4	1.4	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
738	12/28/2013 6:01:05	8.41	51.17	33.27	8.96	7.80	9.7	3.493	94.8	2.1	1.2	0.5
739	12/28/2013 6:16:05	8.45	51.21	33.30	9.00	7.80	8.1	3.584	95.3	2.6	1.5	0.6
740	12/28/2013 6:31:05	8.47	51.24	33.32	9.02	7.81	7.8	3.656	95.6	2.5	1.4	0.6
741	12/28/2013 6:46:05	8.49	51.26	33.34	9.02	7.81	6.5	3.695	95.6	3.1	1.8	0.7
742	12/28/2013 7:01:05	8.49	51.25	33.33	9.03	7.81	4.9	3.759	95.8	3.2	1.8	0.8
743	12/28/2013 7:16:05	8.50	51.29	33.36	9.09	7.81	4.0	3.814	96.5	2.1	1.2	0.5
744	12/28/2013 7:31:05	8.51	51.31	33.37	9.08	7.81	3.6	3.830	96.3	2.6	1.5	0.6
745	12/28/2013 7:46:05	8.20	51.17	33.24	8.76	7.81	2.8	3.848	92.2	2.0	1.1	0.5
746	12/28/2013 8:01:05	8.42	51.19	33.28	8.84	7.80	4.2	3.834	93.5	3.1	1.8	0.7
747	12/28/2013 8:16:05	8.35	51.14	33.24	8.80	7.80	4.2	3.805	93.0	1.9	1.1	0.4
748	12/28/2013 8:31:05	8.48	51.29	33.35	9.05	7.80	5.3	3.753	95.9	2.6	1.5	0.6
749	12/28/2013 8:46:05	8.42	51.21	33.29	8.95	7.80	5.8	3.705	94.7	2.2	1.3	0.5
750	12/28/2013 9:01:05	8.35	51.11	33.21	8.88	7.80	4.6	3.632	93.8	1.7	1.0	0.4
751	12/28/2013 9:16:05	8.36	51.18	33.27	8.97	7.80	4.5	3.535	94.8	1.9	1.1	0.4
752	12/28/2013 9:31:05	8.33	51.06	33.18	8.91	7.80	4.0	3.483	94.0	1.6	0.9	0.4
753	12/28/2013 9:46:05	8.29	51.01	33.14	8.96	7.81	3.9	3.382	94.4	1.5	0.9	0.4
754	12/28/2013 10:01:05	8.34	51.05	33.17	9.05	7.82	5.0	3.266	95.5	2.6	1.5	0.6
755	12/28/2013 10:16:05	8.34	51.05	33.17	9.05	7.82	5.4	3.161	95.5	1.6	0.9	0.4
756	12/28/2013 10:31:05	8.33	50.99	33.13	9.11	7.82	4.1	3.072	96.1	1.6	0.9	0.4
757	12/28/2013 10:46:05	8.33	50.97	33.11	9.09	7.82	6.5	2.966	96.0	2.1	1.2	0.5
758	12/28/2013 11:01:05	8.35	50.98	33.12	9.13	7.83	5.1	2.863	96.3	2.3	1.3	0.6
759	12/28/2013 11:16:05	8.38	50.89	33.06	9.25	7.84	4.2	2.746	97.7	1.6	0.9	0.4
760	12/28/2013 11:31:05	8.44	50.92	33.09	9.33	7.84	6.2	2.636	98.7	1.5	0.9	0.4
761	12/28/2013 11:46:05	8.44	50.88	33.05	9.37	7.85	5.7	2.520	99.0	1.8	1.0	0.4
762	12/28/2013 12:01:05	8.52	50.85	33.04	9.51	7.87	6.2	2.380	100.8	2.0	1.1	0.5
763	12/28/2013 12:16:05	8.74	50.90	33.10	9.68	7.88	4.1	2.270	103.1	1.5	0.9	0.4
764	12/28/2013 12:31:05	8.60	50.80	33.01	9.65	7.88	3.9	2.160	102.4	1.5	0.9	0.4
765	12/28/2013 12:46:05	8.64	50.75	32.98	9.79	7.89	4.0	2.036	103.9	1.0	0.6	0.2
766	12/28/2013 13:01:05	8.56	50.71	32.94	9.82	7.90	4.5	1.927	104.1	1.3	0.7	0.3
767	12/28/2013 13:16:05	8.53	50.65	32.90	9.87	7.91	5.0	1.815	104.4	1.5	0.9	0.4
768	12/28/2013 13:31:05	8.57	50.68	32.92	9.90	7.91	4.0	1.716	104.8	1.5	0.9	0.4
769	12/28/2013 13:46:05	8.52	50.66	32.91	9.84	7.91	3.4	1.643	104.1	1.0	0.6	0.2
770	12/28/2013 14:01:05	8.54	50.66	32.91	9.79	7.91	2.9	1.569	103.7	1.2	0.7	0.3
771	12/28/2013 14:16:05	8.57	50.66	32.91	9.67	7.90	2.5	1.499	102.4	1.1	0.6	0.3
772	12/28/2013 14:31:05	8.78	50.49	32.81	10.09	7.92	3.1	1.492	107.3	1.0	0.6	0.2
773	12/28/2013 14:46:05	8.91	50.69	32.96	10.13	7.92	3.9	1.502	108.2	0.7	0.4	0.2
774	12/28/2013 15:01:05	8.78	50.63	32.90	10.08	7.92	3.4	1.500	107.3	0.8	0.5	0.2
775	12/28/2013 15:16:05	8.66	50.61	32.88	10.26	7.94	2.8	1.527	108.8	1.2	0.7	0.3
776	12/28/2013 15:31:05	8.59	50.54	32.82	10.50	7.98	2.6	1.604	111.3	1.1	0.6	0.3
777	12/28/2013 15:46:05	8.57	50.47	32.77	10.84	8.01	2.7	1.667	114.7	1.2	0.7	0.3
778	12/28/2013 16:01:05	8.53	50.36	32.69	10.73	8.00	3.5	1.730	113.4	1.0	0.6	0.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
779	12/28/2013 16:16:05	8.49	50.14	32.53	10.72	8.01	4.8	1.804	113.1	1.5	0.9	0.4
780	12/28/2013 16:31:05	8.48	50.12	32.51	10.63	7.99	4.7	1.873	112.1	1.2	0.7	0.3
781	12/28/2013 16:46:05	8.47	50.34	32.67	10.36	7.97	4.3	1.948	109.3	1.3	0.7	0.3
782	12/28/2013 17:01:05	8.48	50.45	32.75	10.19	7.95	4.1	2.019	107.6	1.2	0.7	0.3
783	12/28/2013 17:16:05	8.47	50.48	32.77	10.12	7.94	3.5	2.091	106.9	1.2	0.7	0.3
784	12/28/2013 17:31:05	8.43	50.51	32.79	10.07	7.93	3.6	2.159	106.2	0.4	0.2	0.1
785	12/28/2013 17:46:05	8.39	50.59	32.84	9.81	7.91	3.7	2.250	103.4	1.4	0.8	0.3
786	12/28/2013 18:01:05	8.36	50.66	32.89	9.58	7.88	4.1	2.326	101.0	1.4	0.8	0.3
787	12/28/2013 18:16:05	8.33	50.68	32.90	9.51	7.88	4.0	2.397	100.2	1.6	0.9	0.4
788	12/28/2013 18:31:05	8.30	50.70	32.91	9.46	7.87	3.6	2.461	99.6	1.7	1.0	0.4
789	12/28/2013 18:46:05	8.29	50.71	32.92	9.43	7.87	3.8	2.552	99.3	1.6	0.9	0.4
790	12/28/2013 19:01:05	8.29	50.73	32.94	9.39	7.86	3.9	2.611	98.8	1.8	1.0	0.4
791	12/28/2013 19:16:05	8.30	50.76	32.96	9.34	7.86	3.9	2.672	98.4	1.3	0.7	0.3
792	12/28/2013 19:31:05	8.31	50.77	32.97	9.29	7.85	3.6	2.737	97.9	1.4	0.8	0.3
793	12/28/2013 19:46:05	8.32	50.78	32.97	9.26	7.85	4.2	2.797	97.6	1.5	0.9	0.4
794	12/28/2013 20:01:05	8.33	50.79	32.99	9.22	7.85	4.7	2.843	97.2	1.8	1.0	0.4
795	12/28/2013 20:16:05	8.35	50.80	32.99	9.19	7.84	4.0	2.883	96.9	1.8	1.0	0.4
796	12/28/2013 20:31:05	8.36	50.83	33.01	9.15	7.83	4.2	2.935	96.5	1.7	1.0	0.4
797	12/28/2013 20:46:05	8.38	50.85	33.03	9.13	7.83	3.9	2.992	96.3	2.5	1.4	0.6
798	12/28/2013 21:01:05	8.41	50.87	33.05	9.09	7.82	4.3	3.022	96.0	1.3	0.7	0.3
799	12/28/2013 21:16:05	8.42	50.90	33.07	9.06	7.82	3.3	3.054	95.8	2.2	1.3	0.5
800	12/28/2013 21:31:05	8.21	50.79	32.97	9.07	7.85	3.0	3.060	95.4	1.7	1.0	0.4
801	12/28/2013 21:46:05	8.20	50.78	32.96	9.10	7.84	3.2	3.062	95.6	1.5	0.9	0.4
802	12/28/2013 22:01:05	8.30	50.85	33.02	9.07	7.83	3.6	3.028	95.6	1.0	0.6	0.2
803	12/28/2013 22:16:05	8.28	50.84	33.01	9.07	7.83	4.0	2.976	95.5	1.1	0.6	0.3
804	12/28/2013 22:31:05	8.09	50.77	32.94	9.14	7.84	4.0	2.932	95.8	1.3	0.7	0.3
805	12/28/2013 22:46:05	8.07	50.76	32.94	9.20	7.85	3.4	2.890	96.4	1.3	0.7	0.3
806	12/28/2013 23:01:05	8.06	50.72	32.91	9.25	7.86	3.2	2.823	96.9	1.3	0.7	0.3
807	12/28/2013 23:16:05	8.07	50.76	32.94	9.18	7.85	3.4	2.766	96.2	1.1	0.6	0.3
808	12/28/2013 23:31:05	8.06	50.75	32.93	9.17	7.85	3.1	2.715	96.0	1.3	0.7	0.3
809	12/28/2013 23:46:05	8.08	50.74	32.92	9.18	7.86	3.8	2.634	96.2	1.4	0.8	0.3
810	12/29/2013 0:01:05	8.06	50.77	32.94	9.16	7.85	2.9	2.596	95.9	1.8	1.0	0.4
811	12/29/2013 0:16:05	8.03	50.76	32.93	9.14	7.85	3.1	2.538	95.7	2.6	1.5	0.6
812	12/29/2013 0:31:05	8.03	50.75	32.93	9.14	7.85	3.0	2.494	95.7	1.5	0.9	0.3
813	12/29/2013 0:46:05	8.00	50.77	32.94	9.06	7.84	2.9	2.440	94.8	1.7	1.0	0.4
814	12/29/2013 1:01:05	7.98	50.78	32.94	9.12	7.85	2.8	2.395	95.4	1.5	0.9	0.4
815	12/29/2013 1:16:05	8.00	50.73	32.91	9.18	7.87	2.8	2.362	96.0	1.5	0.9	0.3
816	12/29/2013 1:31:05	8.03	50.75	32.92	9.32	7.88	2.4	2.327	97.5	1.1	0.6	0.3
817	12/29/2013 1:46:05	8.01	50.73	32.91	9.37	7.88	2.1	2.312	98.1	1.7	1.0	0.4
818	12/29/2013 2:01:05	8.00	50.73	32.91	9.21	7.87	2.6	2.316	96.3	1.2	0.7	0.3
819	12/29/2013 2:16:05	7.99	50.72	32.90	9.39	7.88	2.4	2.327	98.2	1.1	0.6	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
820	12/29/2013 2:31:05	8.03	50.70	32.89	9.44	7.88	2.3	2.346	98.8	1.3	0.7	0.3
821	12/29/2013 2:46:05	8.07	50.71	32.90	9.43	7.87	2.7	2.360	98.8	1.3	0.7	0.3
822	12/29/2013 3:01:05	8.06	50.74	32.92	9.35	7.86	3.2	2.402	97.9	1.0	0.6	0.2
823	12/29/2013 3:16:05	8.08	50.73	32.92	9.34	7.86	4.5	2.467	97.8	1.1	0.6	0.3
824	12/29/2013 3:31:05	8.02	50.66	32.86	9.38	7.88	5.6	2.525	98.1	1.5	0.9	0.4
825	12/29/2013 3:46:05	8.08	50.74	32.93	9.28	7.86	5.0	2.583	97.3	1.1	0.6	0.3
826	12/29/2013 4:01:05	8.09	50.78	32.95	9.23	7.85	4.6	2.661	96.7	1.6	0.9	0.4
827	12/29/2013 4:16:05	8.12	50.79	32.96	9.21	7.85	4.5	2.738	96.6	1.5	0.9	0.3
828	12/29/2013 4:31:05	8.14	50.80	32.97	9.20	7.84	4.9	2.805	96.5	2.0	1.1	0.5
829	12/29/2013 4:46:05	8.19	50.84	33.01	9.15	7.83	4.7	2.875	96.2	1.9	1.1	0.4
830	12/29/2013 5:01:05	8.22	50.88	33.04	9.13	7.83	5.7	2.962	96.1	1.3	0.7	0.3
831	12/29/2013 5:16:05	8.28	50.93	33.08	9.13	7.82	5.7	3.038	96.2	2.2	1.3	0.5
832	12/29/2013 5:31:05	8.34	51.00	33.13	9.17	7.82	6.7	3.114	96.7	2.3	1.3	0.6
833	12/29/2013 5:46:05	8.39	51.05	33.17	9.20	7.82	7.1	3.196	97.3	2.0	1.1	0.5
834	12/29/2013 6:01:05	8.41	51.08	33.20	9.24	7.81	8.1	3.294	97.7	1.9	1.1	0.5
835	12/29/2013 6:16:05	8.45	51.14	33.25	9.30	7.81	9.5	3.381	98.5	2.4	1.4	0.6
836	12/29/2013 6:31:05	8.45	51.16	33.26	9.30	7.81	10.0	3.470	98.5	2.4	1.4	0.6
837	12/29/2013 6:46:05	8.46	51.19	33.28	9.30	7.82	9.4	3.546	98.5	2.8	1.6	0.7
838	12/29/2013 7:01:05	8.46	51.20	33.29	9.30	7.82	7.9	3.643	98.5	2.9	1.7	0.7
839	12/29/2013 7:16:05	8.47	51.20	33.29	9.33	7.82	6.4	3.726	98.8	1.9	1.1	0.5
840	12/29/2013 7:31:05	8.54	51.23	33.32	9.41	7.83	6.2	3.789	99.8	2.8	1.6	0.7
841	12/29/2013 7:46:05	8.54	51.22	33.31	9.40	7.83	5.0	3.846	99.8	2.4	1.4	0.6
842	12/29/2013 8:01:05	8.32	51.22	33.29	9.32	7.83	3.7	3.899	98.4	2.0	1.1	0.5
843	12/29/2013 8:16:05	8.46	50.98	33.13	9.31	7.83	3.4	3.941	98.6	2.1	1.2	0.5
844	12/29/2013 8:31:05	8.12	51.52	33.49	9.18	7.82	3.1	3.949	96.6	2.5	1.4	0.6
845	12/29/2013 8:46:05	8.13	51.05	33.15	8.93	7.80	6.5	3.962	93.8	1.7	1.0	0.4
846	12/29/2013 9:01:05	8.30	51.11	33.21	9.16	7.81	3.4	3.958	96.6	2.3	1.3	0.5
847	12/29/2013 9:16:05	8.36	51.17	33.26	9.28	7.81	4.0	3.894	98.1	2.0	1.1	0.5
848	12/29/2013 9:31:05	8.35	51.15	33.24	9.33	7.82	10.4	3.835	98.5	2.7	1.5	0.6
849	12/29/2013 9:46:05	8.45	51.20	33.29	9.45	7.83	3.6	3.788	100.1	2.5	1.4	0.6
850	12/29/2013 10:01:05	8.28	51.06	33.17	9.27	7.82	3.9	3.691	97.7	2.2	1.3	0.5
851	12/29/2013 10:16:05	8.47	51.16	33.26	9.44	7.83	4.5	3.586	100.1	1.7	1.0	0.4
852	12/29/2013 10:31:05	8.40	51.08	33.20	9.39	7.83	4.5	3.484	99.3	1.7	1.0	0.4
853	12/29/2013 10:46:05	8.38	51.09	33.20	9.38	7.84	5.3	3.381	99.1	1.8	1.0	0.4
854	12/29/2013 11:01:05	8.39	51.08	33.20	9.40	7.84	4.8	3.257	99.3	1.8	1.0	0.4
855	12/29/2013 11:16:05	8.40	51.06	33.18	9.40	7.84	5.7	3.137	99.4	1.4	0.8	0.3
856	12/29/2013 11:31:05	8.46	51.05	33.18	9.44	7.84	6.1	3.023	99.9	1.8	1.0	0.4
857	12/29/2013 11:46:05	8.50	51.02	33.16	9.55	7.85	5.9	2.904	101.1	2.2	1.3	0.5
858	12/29/2013 12:01:05	8.57	51.01	33.16	9.62	7.85	4.4	2.781	102.1	1.1	0.6	0.3
859	12/29/2013 12:16:05	8.56	50.97	33.13	9.61	7.86	5.5	2.628	101.9	1.7	1.0	0.4
860	12/29/2013 12:31:05	8.58	50.93	33.11	9.70	7.87	5.1	2.497	102.9	1.3	0.7	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
861	12/29/2013 12:46:05	8.61	50.91	33.09	9.80	7.87	6.3	2.371	104.1	1.4	0.8	0.3
862	12/29/2013 13:01:05	8.62	50.87	33.06	9.93	7.89	7.0	2.235	105.4	2.3	1.3	0.5
863	12/29/2013 13:16:05	8.48	50.75	32.97	9.85	7.90	7.0	2.097	104.2	1.4	0.8	0.3
864	12/29/2013 13:31:05	8.61	50.77	32.99	10.00	7.91	6.7	1.950	106.1	1.2	0.7	0.3
865	12/29/2013 13:46:05	8.56	50.72	32.95	10.03	7.91	6.5	1.821	106.2	1.5	0.9	0.4
866	12/29/2013 14:01:05	8.57	50.71	32.95	10.02	7.91	4.9	1.686	106.2	1.5	0.9	0.3
867	12/29/2013 14:16:05	8.60	50.70	32.94	10.10	7.92	4.5	1.544	107.1	1.6	0.9	0.4
868	12/29/2013 14:31:05	8.59	50.68	32.93	10.13	7.93	4.3	1.441	107.4	1.5	0.9	0.4
869	12/29/2013 14:46:05	8.62	50.69	32.94	10.18	7.93	3.4	1.355	108.0	1.0	0.6	0.2
870	12/29/2013 15:01:05	8.58	50.65	32.90	10.22	7.94	3.0	1.282	108.3	0.7	0.4	0.2
871	12/29/2013 15:16:05	8.80	50.52	32.83	10.16	7.94	6.4	1.237	108.2	1.0	0.6	0.2
872	12/29/2013 15:31:05	8.74	50.73	32.97	10.36	7.95	3.7	1.232	110.2	2.8	1.6	0.7
873	12/29/2013 15:46:05	8.69	50.61	32.88	10.34	7.94	3.4	1.268	109.8	1.2	0.7	0.3
874	12/29/2013 16:01:05	8.63	50.65	32.90	10.30	7.94	3.7	1.323	109.3	1.0	0.6	0.2
875	12/29/2013 16:16:05	8.51	50.49	32.78	10.83	8.01	3.4	1.396	114.5	1.5	0.9	0.3
876	12/29/2013 16:31:05	8.46	50.46	32.76	10.94	8.03	3.0	1.468	115.5	0.9	0.5	0.2
877	12/29/2013 16:46:05	8.37	50.26	32.60	10.74	8.02	4.8	1.554	113.1	1.9	1.1	0.4
878	12/29/2013 17:01:05	8.33	50.11	32.49	10.64	8.02	5.3	1.638	111.7	1.4	0.8	0.3
879	12/29/2013 17:16:05	8.35	50.25	32.59	10.50	7.99	5.1	1.715	110.4	1.1	0.6	0.3
880	12/29/2013 17:31:05	8.39	50.38	32.70	10.34	7.97	5.4	1.804	108.9	1.2	0.7	0.3
881	12/29/2013 17:46:05	8.41	50.45	32.74	10.24	7.96	4.7	1.889	107.9	1.5	0.9	0.3
882	12/29/2013 18:01:05	8.39	50.46	32.75	10.23	7.95	4.4	1.962	107.8	1.0	0.6	0.2
883	12/29/2013 18:16:05	8.37	50.49	32.77	10.19	7.95	5.0	2.052	107.3	1.1	0.6	0.3
884	12/29/2013 18:31:05	8.37	50.59	32.84	9.97	7.92	4.7	2.149	105.1	1.3	0.7	0.3
885	12/29/2013 18:46:05	8.35	50.63	32.87	9.86	7.91	4.8	2.241	103.9	1.5	0.9	0.4
886	12/29/2013 19:01:05	8.32	50.59	32.84	9.80	7.90	4.5	2.331	103.1	1.6	0.9	0.4
887	12/29/2013 19:16:05	8.31	50.66	32.89	9.74	7.89	4.7	2.414	102.6	1.7	1.0	0.4
888	12/29/2013 19:31:05	8.31	50.71	32.92	9.67	7.88	6.1	2.514	101.8	1.9	1.1	0.5
889	12/29/2013 19:46:05	8.32	50.74	32.94	9.62	7.88	5.9	2.598	101.3	2.0	1.1	0.5
890	12/29/2013 20:01:05	8.32	50.74	32.95	9.58	7.87	5.2	2.667	100.9	1.8	1.0	0.4
891	12/29/2013 20:16:05	8.33	50.77	32.96	9.55	7.87	5.7	2.751	100.6	1.7	1.0	0.4
892	12/29/2013 20:31:05	8.35	50.79	32.98	9.49	7.86	6.7	2.818	100.1	1.8	1.0	0.4
893	12/29/2013 20:46:05	8.38	50.84	33.02	9.46	7.85	7.3	2.868	99.9	2.1	1.2	0.5
894	12/29/2013 21:01:05	8.39	50.87	33.04	9.43	7.85	6.5	2.959	99.6	2.2	1.3	0.5
895	12/29/2013 21:16:06	8.42	50.92	33.09	9.44	7.84	6.4	3.019	99.8	1.7	1.0	0.4
896	12/29/2013 21:31:05	8.45	50.95	33.11	9.43	7.84	6.2	3.091	99.8	1.8	1.0	0.4
897	12/29/2013 21:46:05	8.47	50.97	33.12	9.42	7.84	5.6	3.153	99.7	1.6	0.9	0.4
898	12/29/2013 22:01:05	8.47	50.98	33.13	9.42	7.84	5.2	3.190	99.7	2.3	1.3	0.5
899	12/29/2013 22:16:05	8.47	50.98	33.13	9.21	7.83	2.9	3.197	97.5	1.9	1.1	0.5
900	12/29/2013 22:31:05	8.30	50.92	33.07	9.28	7.84	3.0	3.224	97.8	1.3	0.7	0.3
901	12/29/2013 22:46:05	8.36	50.86	33.04	9.25	7.84	3.7	3.226	97.6	5.0	2.9	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
902	12/29/2013 23:01:06	8.34	50.92	33.07	9.35	7.84	3.9	3.174	98.7	2.6	1.5	0.6
903	12/29/2013 23:16:06	8.34	50.92	33.08	9.35	7.83	4.6	3.150	98.6	2.1	1.2	0.5
904	12/29/2013 23:31:05	8.27	50.89	33.05	9.35	7.84	4.8	3.087	98.4	2.0	1.1	0.5
905	12/29/2013 23:46:05	8.23	50.84	33.01	9.33	7.84	4.9	3.010	98.1	2.0	1.1	0.5
906	12/30/2013 0:01:05	8.19	50.81	32.98	9.37	7.86	5.0	2.937	98.5	1.5	0.9	0.4
907	12/30/2013 0:16:05	8.13	50.76	32.94	9.43	7.86	4.2	2.876	98.9	1.7	1.0	0.4
908	12/30/2013 0:31:05	8.14	50.74	32.93	9.44	7.88	4.5	2.814	99.0	1.7	1.0	0.4
909	12/30/2013 0:46:05	8.11	50.74	32.92	9.46	7.87	3.8	2.744	99.2	0.9	0.5	0.2
910	12/30/2013 1:01:05	8.06	50.72	32.90	9.44	7.88	3.6	2.666	98.8	1.1	0.6	0.2
911	12/30/2013 1:16:05	8.14	50.73	32.92	9.48	7.87	3.7	2.615	99.5	1.4	0.8	0.3
912	12/30/2013 1:31:05	8.12	50.72	32.91	9.50	7.88	3.7	2.560	99.6	1.6	0.9	0.4
913	12/30/2013 1:46:05	8.11	50.72	32.91	9.48	7.88	3.1	2.496	99.4	1.7	1.0	0.4
914	12/30/2013 2:01:05	8.06	50.70	32.90	9.50	7.89	3.2	2.451	99.5	0.9	0.5	0.2
915	12/30/2013 2:16:05	8.05	50.71	32.90	9.47	7.88	2.9	2.440	99.2	1.1	0.6	0.3
916	12/30/2013 2:31:05	8.01	50.74	32.92	9.47	7.88	3.0	2.397	99.1	1.3	0.7	0.3
917	12/30/2013 2:46:05	7.95	50.67	32.86	9.32	7.87	3.3	2.360	97.3	1.1	0.6	0.3
918	12/30/2013 3:01:05	7.94	50.75	32.91	9.27	7.87	2.3	2.336	96.8	1.4	0.8	0.3
919	12/30/2013 3:16:05	7.90	50.72	32.89	9.29	7.87	2.8	2.359	96.9	1.7	1.0	0.4
920	12/30/2013 3:31:05	7.94	50.68	32.87	9.52	7.89	2.8	2.370	99.4	1.7	1.0	0.4
921	12/30/2013 3:46:05	8.02	50.71	32.90	9.48	7.88	3.4	2.396	99.2	1.3	0.7	0.3
922	12/30/2013 4:01:05	8.04	50.73	32.92	9.47	7.87	4.0	2.440	99.1	1.3	0.7	0.3
923	12/30/2013 4:16:05	8.08	50.77	32.94	9.45	7.86	5.2	2.520	99.0	2.0	1.1	0.5
924	12/30/2013 4:31:05	7.98	50.67	32.86	9.51	7.88	6.4	2.583	99.4	1.7	1.0	0.4
925	12/30/2013 4:46:05	8.06	50.77	32.95	9.42	7.86	5.7	2.652	98.7	1.8	1.0	0.4
926	12/30/2013 5:01:05	8.08	50.79	32.96	9.39	7.86	5.6	2.721	98.4	3.3	1.9	0.8
927	12/30/2013 5:16:05	8.10	50.81	32.98	9.39	7.86	5.0	2.788	98.5	1.4	0.8	0.3
928	12/30/2013 5:31:05	8.19	50.86	33.02	9.39	7.85	5.3	2.897	98.7	3.7	2.1	0.9
929	12/30/2013 5:46:05	8.23	50.88	33.04	9.37	7.85	5.4	2.966	98.6	2.5	1.4	0.6
930	12/30/2013 6:01:05	8.28	50.91	33.07	9.39	7.84	6.0	3.072	98.9	1.6	0.9	0.4
931	12/30/2013 6:16:05	8.33	50.96	33.10	9.39	7.84	8.0	3.151	99.1	3.6	2.1	0.8
932	12/30/2013 6:31:05	8.37	51.00	33.14	9.37	7.84	9.0	3.249	99.0	2.1	1.2	0.5
933	12/30/2013 6:46:05	8.45	51.04	33.17	9.35	7.84	8.7	3.359	99.0	2.2	1.3	0.5
934	12/30/2013 7:01:05	8.47	51.06	33.19	9.30	7.83	10.8	3.461	98.5	2.8	1.6	0.7
935	12/30/2013 7:16:05	8.49	51.09	33.21	9.27	7.83	12.5	3.552	98.2	2.9	1.7	0.7
936	12/30/2013 7:31:05	8.50	51.10	33.22	9.22	7.83	12.0	3.642	97.7	2.8	1.6	0.7
937	12/30/2013 7:46:05	8.55	51.12	33.24	9.15	7.83	11.7	3.742	97.1	3.3	1.9	0.8
938	12/30/2013 8:01:05	8.58	51.13	33.25	9.11	7.84	10.1	3.839	96.7	2.5	1.4	0.6
939	12/30/2013 8:16:05	8.60	51.15	33.26	9.06	7.84	8.5	3.912	96.2	2.7	1.5	0.6
940	12/30/2013 8:31:05	8.62	51.17	33.28	9.07	7.84	6.2	3.972	96.4	2.4	1.4	0.6
941	12/30/2013 8:46:05	8.63	51.18	33.29	9.05	7.84	3.9	4.041	96.2	2.5	1.4	0.6
942	12/30/2013 9:01:05	8.45	51.16	33.26	9.00	7.84	3.0	4.079	95.3	2.1	1.2	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
943	12/30/2013 9:16:05	7.96	51.04	33.13	8.90	7.82	2.5	4.110	93.2	1.8	1.0	0.4
944	12/30/2013 9:31:05	8.27	50.90	33.05	9.01	7.83	2.9	4.122	94.9	2.6	1.5	0.6
945	12/30/2013 9:46:05	8.51	51.09	33.22	9.07	7.83	3.7	4.121	96.2	2.5	1.4	0.6
946	12/30/2013 10:01:05	8.48	51.08	33.21	9.24	7.83	3.6	4.071	97.8	2.0	1.1	0.5
947	12/30/2013 10:16:05	8.50	51.12	33.23	9.15	7.84	7.6	4.018	97.0	2.6	1.5	0.6
948	12/30/2013 10:31:05	8.55	51.12	33.24	9.16	7.84	4.3	3.954	97.2	2.2	1.3	0.5
949	12/30/2013 10:46:05	8.62	51.09	33.22	9.29	7.85	4.8	3.844	98.7	2.2	1.3	0.5
950	12/30/2013 11:01:05	8.65	51.09	33.23	9.33	7.85	7.8	3.728	99.2	2.5	1.4	0.6
951	12/30/2013 11:16:05	8.54	51.07	33.20	9.29	7.85	7.5	3.605	98.5	2.7	1.5	0.6
952	12/30/2013 11:31:05	8.40	51.02	33.16	9.28	7.84	6.1	3.493	98.1	2.6	1.5	0.6
953	12/30/2013 11:46:05	8.47	51.03	33.17	9.30	7.84	8.3	3.348	98.5	2.7	1.5	0.6
954	12/30/2013 12:01:05	8.49	51.04	33.17	9.34	7.84	8.0	3.211	98.9	2.0	1.1	0.5
955	12/30/2013 12:16:05	8.54	51.02	33.17	9.39	7.85	7.2	3.091	99.6	2.6	1.5	0.6
956	12/30/2013 12:31:05	8.56	51.01	33.16	9.48	7.86	6.6	2.951	100.6	2.1	1.2	0.5
957	12/30/2013 12:46:05	8.63	51.00	33.16	9.55	7.86	4.6	2.810	101.5	2.0	1.1	0.5
958	12/30/2013 13:01:05	8.62	50.96	33.13	9.65	7.87	8.1	2.674	102.5	1.6	0.9	0.4
959	12/30/2013 13:16:05	8.61	50.94	33.11	9.74	7.87	4.9	2.525	103.4	1.7	1.0	0.4
960	12/30/2013 13:31:05	8.60	50.89	33.07	9.83	7.89	5.2	2.366	104.3	2.5	1.4	0.6
961	12/30/2013 13:46:05	8.55	50.82	33.02	9.95	7.90	6.7	2.209	105.4	2.0	1.1	0.5
962	12/30/2013 14:01:05	8.53	50.81	33.02	10.02	7.90	6.6	2.069	106.1	1.7	1.0	0.4
963	12/30/2013 14:16:05	8.53	50.74	32.97	10.16	7.92	8.7	1.925	107.6	1.3	0.7	0.3
964	12/30/2013 14:31:05	8.51	50.74	32.96	10.11	7.91	7.5	1.752	107.0	1.9	1.1	0.4
965	12/30/2013 14:46:05	8.48	50.73	32.95	10.10	7.91	6.1	1.593	106.8	1.5	0.9	0.4
966	12/30/2013 15:01:05	8.48	50.71	32.94	10.15	7.92	5.3	1.440	107.3	1.7	1.0	0.4
967	12/30/2013 15:16:05	8.47	50.69	32.92	10.19	7.92	4.5	1.322	107.6	1.8	1.0	0.4
968	12/30/2013 15:31:05	8.49	50.70	32.93	10.21	7.92	4.0	1.220	108.0	1.4	0.8	0.3
969	12/30/2013 15:46:05	8.46	50.68	32.92	10.23	7.94	4.0	1.110	108.1	1.2	0.7	0.3
970	12/30/2013 16:01:05	8.52	50.65	32.90	10.19	7.94	4.2	1.054	107.8	1.6	0.9	0.4
971	12/30/2013 16:16:05	8.56	50.67	32.92	10.37	7.94	3.9	1.079	109.8	1.1	0.6	0.3
972	12/30/2013 16:31:05	8.50	50.65	32.90	10.35	7.94	3.8	1.060	109.5	1.5	0.9	0.4
973	12/30/2013 16:46:05	8.44	50.61	32.86	10.48	7.95	3.9	1.151	110.6	1.0	0.6	0.2
974	12/30/2013 17:01:05	8.40	50.57	32.83	10.54	7.96	4.2	1.264	111.2	1.4	0.8	0.3
975	12/30/2013 17:16:05	8.35	50.51	32.78	10.68	7.99	4.1	1.311	112.5	1.3	0.7	0.3
976	12/30/2013 17:31:05	8.34	50.52	32.79	10.62	7.97	5.0	1.404	111.9	0.8	0.5	0.2
977	12/30/2013 17:46:05	8.11	50.24	32.56	10.48	7.99	7.2	1.466	109.6	1.3	0.7	0.3
978	12/30/2013 18:01:05	8.09	50.20	32.54	10.43	7.98	6.4	1.570	109.1	1.4	0.8	0.3
979	12/30/2013 18:16:05	8.10	50.22	32.55	10.38	7.98	6.7	1.652	108.5	1.7	1.0	0.4
980	12/30/2013 18:31:05	8.22	50.40	32.69	10.29	7.96	6.2	1.733	108.0	2.0	1.1	0.5
981	12/30/2013 18:46:05	8.26	50.46	32.74	10.25	7.95	6.1	1.848	107.7	1.4	0.8	0.3
982	12/30/2013 19:01:05	8.26	50.48	32.75	10.24	7.95	5.7	1.922	107.6	1.4	0.8	0.3
983	12/30/2013 19:16:05	8.27	50.52	32.78	10.20	7.95	5.9	2.012	107.2	2.0	1.1	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
984	12/30/2013 19:31:05	8.27	50.58	32.83	10.10	7.93	6.4	2.147	106.2	1.7	1.0	0.4
985	12/30/2013 19:46:05	8.27	50.62	32.85	9.99	7.92	6.5	2.230	105.1	1.7	1.0	0.4
986	12/30/2013 20:01:05	8.28	50.64	32.87	9.96	7.91	6.5	2.349	104.8	1.8	1.0	0.4
987	12/30/2013 20:16:05	8.28	50.66	32.89	9.95	7.91	7.7	2.449	104.8	2.0	1.1	0.5
988	12/30/2013 20:31:05	8.30	50.70	32.92	9.86	7.90	7.9	2.550	103.8	2.0	1.1	0.5
989	12/30/2013 20:46:05	8.31	50.73	32.93	9.80	7.89	8.6	2.648	103.2	2.3	1.3	0.5
990	12/30/2013 21:01:05	8.33	50.75	32.95	9.73	7.88	9.9	2.742	102.5	2.1	1.2	0.5
991	12/30/2013 21:16:05	8.35	50.79	32.98	9.64	7.87	9.5	2.846	101.7	2.4	1.4	0.6
992	12/30/2013 21:31:05	8.38	50.84	33.02	9.58	7.86	11.5	2.905	101.1	1.9	1.1	0.5
993	12/30/2013 21:46:05	8.42	50.88	33.05	9.52	7.86	11.7	3.001	100.6	1.6	0.9	0.4
994	12/30/2013 22:01:05	8.49	50.96	33.12	9.43	7.85	12.3	3.080	99.9	2.4	1.4	0.6
995	12/30/2013 22:16:05	8.53	50.98	33.14	9.43	7.84	11.4	3.134	99.9	2.5	1.4	0.6
996	12/30/2013 22:31:05	8.58	51.01	33.16	9.45	7.85	9.5	3.215	100.3	2.9	1.7	0.7
997	12/30/2013 22:46:05	8.61	51.01	33.17	9.40	7.85	7.6	3.268	99.9	2.0	1.1	0.5
998	12/30/2013 23:01:05	8.59	51.02	33.17	9.33	7.85	4.2	3.314	99.1	2.4	1.4	0.6
999	12/30/2013 23:16:05	8.57	51.02	33.17	9.29	7.84	5.7	3.340	98.5	2.5	1.4	0.6
1000	12/30/2013 23:31:05	8.24	50.82	33.00	9.32	7.86	4.1	3.333	98.0	1.7	1.0	0.4
1001	12/30/2013 23:46:05	8.12	50.81	32.98	9.42	7.87	4.8	3.326	98.8	1.9	1.1	0.4
1002	12/31/2013 0:01:05	8.48	50.96	33.12	9.39	7.85	5.1	3.289	99.4	2.1	1.2	0.5
1003	12/31/2013 0:16:05	8.39	50.95	33.10	9.41	7.85	5.7	3.213	99.4	2.5	1.4	0.6
1004	12/31/2013 0:31:05	8.27	50.87	33.03	9.45	7.86	6.8	3.154	99.5	2.2	1.3	0.5
1005	12/31/2013 0:46:05	8.28	50.88	33.04	9.44	7.85	5.7	3.086	99.5	1.7	1.0	0.4
1006	12/31/2013 1:01:05	8.24	50.83	33.00	9.51	7.87	6.6	2.988	100.0	2.3	1.3	0.5
1007	12/31/2013 1:16:05	8.16	50.81	32.98	9.50	7.87	4.9	2.914	99.7	1.6	0.9	0.4
1008	12/31/2013 1:31:05	8.08	50.75	32.93	9.56	7.88	4.8	2.847	100.2	1.6	0.9	0.4
1009	12/31/2013 1:46:05	8.05	50.78	32.95	9.55	7.88	4.3	2.760	100.0	1.6	0.9	0.4
1010	12/31/2013 2:01:05	8.07	50.75	32.93	9.55	7.88	5.0	2.695	100.0	1.8	1.0	0.4
1011	12/31/2013 2:16:05	8.13	50.77	32.95	9.53	7.87	4.3	2.644	100.0	1.8	1.0	0.4
1012	12/31/2013 2:31:05	8.12	50.79	32.97	9.53	7.87	4.3	2.556	100.0	1.7	1.0	0.4
1013	12/31/2013 2:46:05	8.05	50.74	32.92	9.58	7.88	3.9	2.503	100.3	1.2	0.7	0.3
1014	12/31/2013 3:01:05	8.03	50.73	32.91	9.58	7.88	3.6	2.435	100.3	1.6	0.9	0.4
1015	12/31/2013 3:16:05	7.98	50.73	32.91	9.57	7.88	3.6	2.384	100.1	1.1	0.6	0.3
1016	12/31/2013 3:31:05	7.99	50.75	32.92	9.49	7.87	3.2	2.354	99.3	1.5	0.9	0.4
1017	12/31/2013 3:46:05	8.00	50.76	32.93	9.46	7.87	3.5	2.330	99.0	1.2	0.7	0.3
1018	12/31/2013 4:01:05	7.97	50.75	32.92	9.43	7.87	2.6	2.321	98.6	1.8	1.0	0.4
1019	12/31/2013 4:16:05	7.95	50.73	32.90	9.54	7.88	3.4	2.344	99.7	1.1	0.6	0.3
1020	12/31/2013 4:31:05	7.96	50.70	32.88	9.60	7.89	3.1	2.344	100.2	0.6	0.3	0.1
1021	12/31/2013 4:46:05	8.02	50.72	32.90	9.61	7.88	3.8	2.393	100.5	1.0	0.6	0.2
1022	12/31/2013 5:01:05	8.03	50.73	32.91	9.61	7.88	4.8	2.457	100.5	1.7	1.0	0.4
1023	12/31/2013 5:16:05	8.00	50.72	32.91	9.58	7.88	5.7	2.514	100.1	1.9	1.1	0.5
1024	12/31/2013 5:31:05	7.98	50.71	32.89	9.57	7.88	7.3	2.595	100.0	1.9	1.1	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
1025	12/31/2013 5:46:05	8.01	50.79	32.95	9.48	7.87	6.2	2.672	99.2	1.8	1.0	0.4
1026	12/31/2013 6:01:05	8.06	50.83	32.98	9.45	7.86	6.2	2.749	99.0	1.8	1.0	0.4
1027	12/31/2013 6:16:05	8.15	50.87	33.02	9.43	7.86	6.2	2.834	99.1	1.7	1.0	0.4
1028	12/31/2013 6:31:05	8.23	50.90	33.06	9.42	7.85	7.2	2.932	99.1	1.7	1.0	0.4
1029	12/31/2013 6:46:05	8.31	50.94	33.09	9.42	7.85	7.4	3.021	99.3	2.6	1.5	0.6
1030	12/31/2013 7:01:05	8.36	50.99	33.13	9.41	7.85	8.7	3.128	99.3	1.8	1.0	0.4
1031	12/31/2013 7:16:06	8.47	51.04	33.17	9.34	7.85	9.7	3.230	98.8	1.8	1.0	0.4
1032	12/31/2013 7:31:05	8.51	51.06	33.19	9.27	7.84	11.4	3.315	98.2	2.5	1.4	0.6
1033	12/31/2013 7:46:05	8.54	51.09	33.22	9.17	7.84	13.7	3.423	97.3	2.1	1.2	0.5
1034	12/31/2013 8:01:05	8.55	51.13	33.24	9.14	7.84	13.4	3.528	97.0	2.7	1.5	0.6
1035	12/31/2013 8:16:05	8.59	51.16	33.27	9.08	7.83	12.4	3.642	96.4	2.6	1.5	0.6
1036	12/31/2013 8:31:05	8.63	51.17	33.28	8.97	7.83	12.8	3.756	95.3	2.8	1.6	0.7
1037	12/31/2013 8:46:05	8.64	51.17	33.28	8.88	7.83	12.9	3.852	94.5	2.3	1.3	0.5
1038	12/31/2013 9:01:05	8.66	51.19	33.30	8.82	7.83	10.6	3.940	93.8	2.5	1.4	0.6
1039	12/31/2013 9:16:05	8.68	51.19	33.30	8.77	7.83	8.4	4.023	93.3	2.2	1.3	0.5
1040	12/31/2013 9:31:05	8.71	51.19	33.31	8.72	7.83	6.1	4.108	92.9	1.9	1.1	0.4
1041	12/31/2013 9:46:05	8.74	51.20	33.31	8.70	7.83	4.6	4.154	92.8	2.1	1.2	0.5
1042	12/31/2013 10:01:05	8.55	51.39	33.44	8.64	7.82	2.9	4.193	91.8	1.2	0.7	0.3
1043	12/31/2013 10:16:05	8.64	51.14	33.26	8.73	7.82	3.2	4.230	92.8	1.6	0.9	0.4
1044	12/31/2013 10:31:05	8.60	51.10	33.23	9.06	7.84	3.6	4.225	96.3	1.7	1.0	0.4
1045	12/31/2013 10:46:05	8.67	51.11	33.24	9.05	7.84	6.4	4.184	96.3	2.3	1.3	0.5
1046	12/31/2013 11:01:05	8.72	51.14	33.27	8.92	7.84	4.8	4.132	95.0	2.2	1.3	0.5
1047	12/31/2013 11:16:05	8.70	51.17	33.29	8.81	7.83	4.8	4.061	93.8	2.0	1.1	0.5
1048	12/31/2013 11:31:05	8.73	51.18	33.30	8.79	7.83	3.6	3.953	93.7	2.3	1.3	0.6
1049	12/31/2013 11:46:05	8.76	51.13	33.27	9.09	7.85	4.9	3.826	96.9	1.9	1.1	0.5
1050	12/31/2013 12:01:05	8.74	51.14	33.27	9.08	7.84	5.7	3.717	96.8	1.6	0.9	0.4
1051	12/31/2013 12:16:05	8.65	51.12	33.25	9.06	7.84	8.7	3.584	96.4	2.1	1.2	0.5
1052	12/31/2013 12:31:05	8.56	51.10	33.23	9.08	7.84	9.8	3.434	96.4	1.9	1.1	0.5
1053	12/31/2013 12:46:06	8.62	51.10	33.23	9.15	7.84	9.7	3.301	97.2	2.2	1.3	0.5
1054	12/31/2013 13:01:05	8.70	51.10	33.24	9.22	7.85	12.8	3.154	98.1	3.0	1.7	0.7
1055	12/31/2013 13:16:05	8.71	51.08	33.22	9.31	7.85	6.7	3.014	99.1	1.5	0.9	0.4
1056	12/31/2013 13:31:05	8.75	51.07	33.22	9.39	7.86	9.5	2.850	100.0	2.3	1.3	0.5
1057	12/31/2013 13:46:05	8.77	51.06	33.22	9.46	7.86	8.2	2.708	100.9	1.4	0.8	0.3
1058	12/31/2013 14:01:05	8.83	51.04	33.21	9.58	7.88	5.9	2.553	102.3	2.0	1.1	0.5
1059	12/31/2013 14:16:05	8.81	51.01	33.18	9.70	7.89	6.4	2.381	103.5	1.9	1.1	0.4
1060	12/31/2013 14:31:05	8.67	50.92	33.10	9.82	7.89	12.6	2.236	104.4	2.1	1.2	0.5
1061	12/31/2013 14:46:05	8.65	50.88	33.07	9.90	7.90	11.5	2.059	105.2	2.0	1.1	0.5
1062	12/31/2013 15:01:05	8.64	50.86	33.06	10.03	7.91	12.7	1.873	106.5	2.0	1.1	0.5
1063	12/31/2013 15:16:05	8.62	50.85	33.05	10.05	7.91	11.5	1.708	106.7	2.1	1.2	0.5
1064	12/31/2013 15:31:05	8.61	50.84	33.04	10.09	7.91	11.7	1.529	107.0	1.6	0.9	0.4
1065	12/31/2013 15:46:05	8.60	50.82	33.03	10.12	7.92	8.6	1.358	107.4	1.9	1.1	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
1066	12/31/2013 16:01:05	8.60	50.82	33.02	10.14	7.93	7.6	1.198	107.6	2.0	1.1	0.5
1067	12/31/2013 16:16:05	8.60	50.80	33.01	10.21	7.93	6.4	1.040	108.3	1.5	0.9	0.4
1068	12/31/2013 16:31:06	8.59	50.79	33.00	10.23	7.93	4.7	0.931	108.5	2.3	1.3	0.6
1069	12/31/2013 16:46:05	8.70	50.83	33.04	10.19	7.93	7.6	0.855	108.4	2.1	1.2	0.5
1070	12/31/2013 17:01:05	8.64	50.80	33.02	10.24	7.93	6.0	0.883	108.7	1.7	1.0	0.4
1071	12/31/2013 17:16:05	8.58	50.76	32.98	10.36	7.94	5.3	0.923	109.8	1.3	0.7	0.3
1072	12/31/2013 17:31:05	8.53	50.70	32.94	10.49	7.95	5.4	1.024	111.1	1.3	0.7	0.3
1073	12/31/2013 17:46:05	8.50	50.64	32.89	10.57	7.97	7.2	1.141	111.8	1.6	0.9	0.4
1074	12/31/2013 18:01:05	8.47	50.61	32.87	10.61	7.97	5.9	1.219	112.1	1.3	0.7	0.3
1075	12/31/2013 18:16:06	8.47	50.62	32.87	10.55	7.96	6.1	1.283	111.5	1.9	1.1	0.5
1076	12/31/2013 18:31:05	8.29	50.36	32.67	10.34	7.96	7.5	1.364	108.7	1.8	1.0	0.4
1077	12/31/2013 18:46:05	8.24	50.30	32.62	10.29	7.96	7.8	1.448	108.0	1.5	0.9	0.4
1078	12/31/2013 19:01:05	8.32	50.42	32.71	10.30	7.95	7.5	1.520	108.3	1.7	1.0	0.4
1079	12/31/2013 19:16:05	8.35	50.49	32.77	10.22	7.95	7.4	1.627	107.7	1.7	1.0	0.4
1080	12/31/2013 19:31:05	8.44	50.60	32.85	10.13	7.93	7.8	1.723	107.0	1.6	0.9	0.4
1081	12/31/2013 19:46:05	8.45	50.63	32.88	10.12	7.93	7.1	1.826	106.9	1.5	0.9	0.3
1082	12/31/2013 20:01:05	8.43	50.63	32.87	10.17	7.94	7.1	1.944	107.4	1.9	1.1	0.5
1083	12/31/2013 20:16:06	8.42	50.65	32.89	10.15	7.93	7.7	2.066	107.1	1.9	1.1	0.5
1084	12/31/2013 20:31:05	8.46	50.72	32.94	10.04	7.92	8.6	2.181	106.1	1.9	1.1	0.4
1085	12/31/2013 20:46:05	8.47	50.73	32.95	9.97	7.91	9.2	2.300	105.4	1.9	1.1	0.5
1086	12/31/2013 21:01:05	8.48	50.75	32.97	9.99	7.91	9.8	2.425	105.6	1.9	1.1	0.4
1087	12/31/2013 21:16:05	8.49	50.78	32.99	9.91	7.90	11.5	2.532	104.8	2.2	1.3	0.5
1088	12/31/2013 21:31:05	8.51	50.80	33.01	9.80	7.89	11.9	2.637	103.8	2.1	1.2	0.5
1089	12/31/2013 21:46:05	8.52	50.82	33.02	9.71	7.89	12.6	2.745	102.8	2.3	1.3	0.5
1090	12/31/2013 22:01:05	8.55	50.87	33.06	9.61	7.88	14.7	2.848	101.8	1.8	1.0	0.4
1091	12/31/2013 22:16:05	8.61	50.95	33.12	9.49	7.87	14.6	2.945	100.7	2.7	1.5	0.7
1092	12/31/2013 22:31:05	8.67	51.01	33.17	9.33	7.85	14.0	3.024	99.2	2.8	1.6	0.7
1093	12/31/2013 22:46:05	8.69	51.03	33.19	9.30	7.85	14.3	3.130	98.9	2.7	1.5	0.6
1094	12/31/2013 23:01:05	8.72	51.06	33.21	9.27	7.84	15.2	3.196	98.8	3.2	1.8	0.8
1095	12/31/2013 23:16:05	8.72	51.05	33.21	9.26	7.85	11.7	3.266	98.6	6.8	3.9	1.6
1096	12/31/2013 23:31:05	8.73	51.07	33.22	9.26	7.85	10.2	3.344	98.7	2.6	1.5	0.6
1097	12/31/2013 23:46:05	8.74	51.07	33.22	9.28	7.85	6.8	3.394	98.9	2.7	1.5	0.6
1098	1/1/2014 0:01:05	8.75	51.08	33.22	9.27	7.85	5.1	3.436	98.7	1.9	1.1	0.5
1099	1/1/2014 0:16:05	8.63	50.98	33.15	9.24	7.85	4.2	3.441	98.2	1.7	1.0	0.4
1100	1/1/2014 0:31:05	8.61	50.94	33.11	9.25	7.86	5.8	3.433	98.2	1.8	1.0	0.4
1101	1/1/2014 0:46:05	8.57	50.92	33.09	9.27	7.86	6.0	3.393	98.4	1.8	1.0	0.4
1102	1/1/2014 1:01:05	8.64	50.98	33.14	9.29	7.85	5.8	3.331	98.7	2.3	1.3	0.5
1103	1/1/2014 1:16:05	8.63	50.96	33.13	9.30	7.85	6.8	3.249	98.8	1.9	1.1	0.4
1104	1/1/2014 1:31:05	8.66	51.02	33.18	9.21	7.84	6.9	3.156	97.9	2.0	1.1	0.5
1105	1/1/2014 1:46:05	8.62	50.98	33.14	9.24	7.85	6.6	3.071	98.2	2.1	1.2	0.5
1106	1/1/2014 2:01:05	8.60	50.94	33.11	9.35	7.86	6.5	2.984	99.2	2.1	1.2	0.5

sonde #2			Indian Island Long-Term Deployment							Water Quality Data		
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	Chlorophyll	Corrected Chlorophyll	Fluorescence	
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters				DO%
1107	1/1/2014 2:16:05	8.58	50.90	33.08	9.38	7.87	7.4	2.896	99.5	2.0	1.1	0.5
1108	1/1/2014 2:31:05	8.55	50.87	33.06	9.42	7.87	7.1	2.815	99.9	1.5	0.9	0.4
1109	1/1/2014 2:46:05	8.53	50.82	33.02	9.47	7.88	5.1	2.728	100.3	1.9	1.1	0.5
1110	1/1/2014 3:01:05	8.52	50.83	33.02	9.46	7.88	5.2	2.670	100.2	1.8	1.0	0.4
1111	1/1/2014 3:16:05	8.53	50.85	33.04	9.43	7.87	5.8	2.591	99.9	2.0	1.1	0.5
1112	1/1/2014 3:31:05	8.50	50.80	33.01	9.48	7.88	4.7	2.508	100.3	1.4	0.8	0.3
1113	1/1/2014 3:46:05	8.49	50.81	33.01	9.45	7.87	4.5	2.445	100.0	1.6	0.9	0.4
1114	1/1/2014 4:01:05	8.46	50.81	33.01	9.45	7.88	4.2	2.386	99.9	1.7	1.0	0.4
1115	1/1/2014 4:16:05	8.48	50.82	33.02	9.39	7.87	3.7	2.333	99.3	2.0	1.1	0.5
1116	1/1/2014 4:31:05	8.45	50.82	33.02	9.40	7.87	3.6	2.288	99.4	1.4	0.8	0.3
1117	1/1/2014 4:46:05	8.43	50.79	32.99	9.41	7.87	3.6	2.270	99.5	1.5	0.9	0.3
1118	1/1/2014 5:01:05	8.44	50.80	33.00	9.37	7.87	3.8	2.280	99.0	1.5	0.9	0.4
1119	1/1/2014 5:16:05	8.45	50.80	33.00	9.45	7.87	3.9	2.284	99.9	1.8	1.0	0.4
1120	1/1/2014 5:31:05	8.44	50.78	32.98	9.55	7.88	4.3	2.318	100.9	1.7	1.0	0.4
1121	1/1/2014 5:46:05	8.42	50.76	32.97	9.60	7.88	4.8	2.370	101.4	1.2	0.7	0.3
1122	1/1/2014 6:01:06	8.44	50.79	32.99	9.58	7.87	5.9	2.445	101.2	1.9	1.1	0.4
1123	1/1/2014 6:16:05	8.36	50.65	32.89	9.53	7.88	9.8	2.519	100.5	1.9	1.1	0.5
1124	1/1/2014 6:31:05	8.44	50.75	32.97	9.42	7.87	7.4	2.595	99.6	2.1	1.2	0.5
1125	1/1/2014 6:46:05	8.47	50.82	33.01	9.37	7.86	6.7	2.690	99.1	1.3	0.7	0.3
1126	1/1/2014 7:01:05	8.49	50.87	33.05	9.37	7.86	6.8	2.778	99.2	2.3	1.3	0.5
1127	1/1/2014 7:16:05	8.57	50.95	33.12	9.36	7.85	8.4	2.865	99.3	1.7	1.0	0.4
1128	1/1/2014 7:31:06	8.60	50.97	33.14	9.36	7.85	8.7	2.957	99.4	1.8	1.0	0.4
1129	1/1/2014 7:46:05	8.63	51.00	33.16	9.38	7.85	9.4	3.054	99.7	2.2	1.3	0.5
1130	1/1/2014 8:01:05	8.66	51.02	33.17	9.40	7.86	10.6	3.147	99.9	1.9	1.1	0.4
1131	1/1/2014 8:16:05	8.69	51.04	33.19	9.40	7.85	13.6	3.257	100.0	2.6	1.5	0.6
1132	1/1/2014 8:31:05	8.72	51.06	33.21	9.39	7.85	11.9	3.368	100.0	2.6	1.5	0.6
1133	1/1/2014 8:46:05	8.74	51.08	33.23	9.36	7.84	13.4	3.482	99.8	2.3	1.3	0.6
1134	1/1/2014 9:01:05	8.76	51.11	33.25	9.36	7.84	14.7	3.596	99.8	2.7	1.5	0.6
1135	1/1/2014 9:16:05	8.81	51.13	33.27	9.36	7.84	12.6	3.703	99.9	2.3	1.3	0.5
1136	1/1/2014 9:31:05	8.83	51.14	33.28	9.35	7.84	12.2	3.805	99.8	3.3	1.9	0.8
1137	1/1/2014 9:46:05	8.84	51.16	33.29	9.34	7.84	13.7	3.912	99.8	2.7	1.5	0.6
1138	1/1/2014 10:01:05	8.85	51.16	33.30	9.35	7.84	8.5	4.005	99.9	2.7	1.5	0.6
1139	1/1/2014 10:16:05	8.87	51.17	33.30	9.33	7.84	7.1	4.093	99.7	2.2	1.3	0.5
1140	1/1/2014 10:31:05	8.88	51.17	33.30	9.31	7.84	5.1	4.154	99.6	2.6	1.5	0.6
1141	1/1/2014 10:46:05	8.85	51.14	33.28	9.31	7.85	4.0	4.197	99.5	2.2	1.3	0.5
1142	1/1/2014 11:01:05	8.67	51.02	33.18	9.23	7.84	3.7	4.247	98.1	1.6	0.9	0.4
1143	1/1/2014 11:16:05	8.75	51.05	33.21	9.29	7.85	3.2	4.247	99.0	1.5	0.9	0.4
1144	1/1/2014 11:31:05	8.82	51.07	33.23	9.46	7.85	4.5	4.216	101.0	2.5	1.4	0.6
1145	1/1/2014 11:46:05	8.89	51.12	33.27	9.47	7.85	4.4	4.182	101.2	2.0	1.1	0.5
1146	1/1/2014 12:01:05	8.94	51.13	33.28	9.47	7.85	9.2	4.105	101.4	2.3	1.3	0.5
1147	1/1/2014 12:16:05	8.90	51.13	33.28	9.41	7.85	5.4	4.005	100.7	2.3	1.3	0.5

sonde #2		Indian Island Long-Term Deployment Water Quality Data										
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
			mS/cm	Salinity ppt	mg/L	pH						
1148	1/1/2014 12:31:05	9.00	51.15	33.30	9.48	7.86	4.8	3.895	101.6	2.9	1.7	0.7
1149	1/1/2014 12:46:05	9.00	51.14	33.29	9.53	7.86	6.5	3.767	102.2	2.5	1.4	0.6
1150	1/1/2014 13:01:05	8.87	51.08	33.24	9.45	7.85	7.9	3.633	100.9	2.4	1.4	0.6
1151	1/1/2014 13:16:05	8.80	51.05	33.21	9.39	7.85	11.4	3.491	100.1	2.5	1.4	0.6
1152	1/1/2014 13:31:05	8.88	51.09	33.25	9.43	7.85	12.0	3.353	100.8	2.6	1.5	0.6
1153	1/1/2014 13:46:05	8.89	51.08	33.24	9.47	7.85	10.0	3.208	101.3	2.5	1.4	0.6
1154	1/1/2014 14:01:05	8.90	51.06	33.22	9.51	7.86	9.6	3.048	101.7	1.9	1.1	0.4
1155	1/1/2014 14:16:05	8.93	51.05	33.22	9.57	7.86	12.3	2.891	102.4	2.2	1.3	0.5
1156	1/1/2014 14:31:05	8.96	51.03	33.21	9.65	7.87	6.5	2.747	103.3	1.9	1.1	0.4
1157	1/1/2014 14:46:05	8.98	51.01	33.19	9.72	7.87	7.3	2.574	104.1	2.1	1.2	0.5
1158	1/1/2014 15:01:05	8.94	50.96	33.16	9.81	7.88	6.5	2.407	105.0	2.3	1.3	0.5
1159	1/1/2014 15:16:05	8.90	50.92	33.12	9.84	7.89	10.5	2.228	105.2	1.9	1.1	0.4
1160	1/1/2014 15:31:05	8.90	50.91	33.12	9.92	7.91	11.7	2.053	106.0	2.7	1.5	0.6
1161	1/1/2014 15:46:05	8.86	50.88	33.09	9.95	7.90	11.5	1.873	106.2	1.8	1.0	0.4
1162	1/1/2014 16:01:05	8.86	50.89	33.10	9.97	7.91	12.1	1.685	106.4	1.6	0.9	0.4
1163	1/1/2014 16:16:05	8.84	50.86	33.08	9.93	7.90	10.9	1.497	106.0	2.2	1.3	0.5
1164	1/1/2014 16:31:05	8.84	50.85	33.07	9.94	7.91	8.1	1.329	106.1	2.1	1.2	0.5
1165	1/1/2014 16:46:05	8.83	50.84	33.06	10.01	7.91	6.5	1.149	106.8	1.6	0.9	0.4
1166	1/1/2014 17:01:05	8.82	50.82	33.05	10.08	7.92	6.3	0.984	107.5	1.8	1.0	0.4
1167	1/1/2014 17:16:05	8.80	50.82	33.05	10.08	7.92	5.9	0.843	107.5	1.4	0.8	0.3
1168	1/1/2014 17:31:05	8.87	50.84	33.07	10.01	7.91	5.9	0.746	106.9	1.8	1.0	0.4
1169	1/1/2014 17:46:05	8.80	50.81	33.03	10.16	7.93	5.8	0.758	108.3	1.7	1.0	0.4
1170	1/1/2014 18:01:05	8.80	50.81	33.03	10.12	7.92	6.0	0.821	107.9	2.5	1.4	0.6
1171	1/1/2014 18:16:05	8.75	50.76	33.00	10.24	7.94	6.2	0.924	108.9	2.0	1.1	0.5
1172	1/1/2014 18:31:05	8.71	50.63	32.90	10.36	7.95	6.6	1.056	110.1	1.4	0.8	0.3
1173	1/1/2014 18:46:05	8.68	50.63	32.90	10.33	7.95	5.9	1.160	109.7	1.2	0.7	0.3
1174	1/1/2014 19:01:05	8.69	50.66	32.92	10.31	7.95	6.4	1.236	109.5	1.5	0.9	0.4
1175	1/1/2014 19:16:05	8.58	50.30	32.65	10.05	7.93	7.8	1.307	106.3	1.3	0.7	0.3
1176	1/1/2014 19:31:06	8.59	50.27	32.63	10.00	7.92	8.2	1.389	105.8	1.7	1.0	0.4
1177	1/1/2014 19:46:05	8.65	50.41	32.73	10.05	7.93	7.5	1.467	106.5	1.2	0.7	0.3
1178	1/1/2014 20:01:05	8.67	50.49	32.79	10.05	7.93	7.3	1.555	106.6	2.0	1.1	0.5
1179	1/1/2014 20:16:05	8.70	50.58	32.86	10.05	7.92	7.3	1.678	106.7	1.9	1.1	0.5
1180	1/1/2014 20:31:05	8.69	50.62	32.89	10.03	7.92	7.2	1.772	106.5	4.8	2.7	1.1
1181	1/1/2014 20:46:05	8.69	50.62	32.89	10.05	7.93	6.8	1.898	106.7		0.0	
1182	1/1/2014 21:01:05	8.70	50.67	32.93	10.06	7.93	7.9	2.028	106.9		0.0	
1183	1/1/2014 21:16:05	8.74	50.75	32.99	10.02	7.91	8.6	2.158	106.6		0.0	
1184	1/1/2014 21:31:05	8.74	50.77	33.00	9.99	7.91	9.4	2.294	106.2		0.0	
1185	1/1/2014 21:46:05	8.73	50.80	33.03	9.93	7.90	10.6	2.418	105.7	2.3	1.3	0.5
1186	1/1/2014 22:01:05	8.74	50.81	33.03	9.90	7.90	12.5	2.537	105.3	2.1	1.2	0.5
1187	1/1/2014 22:16:05	8.75	50.85	33.06	9.81	7.89	12.8	2.660	104.4	2.2	1.3	0.5
1188	1/1/2014 22:31:05	8.77	50.89	33.09	9.75	7.88	13.8	2.764	103.9	2.5	1.4	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
1189	1/1/2014 22:46:05	8.80	50.97	33.16	9.63	7.87	15.6	2.868	102.7	2.9	1.7	0.7
1190	1/1/2014 23:01:05	8.83	51.02	33.19	9.60	7.86	17.2	2.975	102.5	2.6	1.5	0.6
1191	1/1/2014 23:16:05	8.82	51.03	33.20	9.57	7.86	15.7	3.065	102.2	2.8	1.6	0.7
1192	1/1/2014 23:31:05	8.84	51.06	33.22	9.55	7.86	17.1	3.158	101.9	3.2	1.8	0.8
1193	1/1/2014 23:46:05	8.83	51.07	33.23	9.53	7.85	15.6	3.259	101.7	2.8	1.6	0.7
1194	1/2/2014 0:01:05	8.84	51.08	33.24	9.50	7.86	14.6	3.341	101.5	2.8	1.6	0.7
1195	1/2/2014 0:16:05	8.86	51.10	33.25	9.50	7.86	10.3	3.419	101.5	2.5	1.4	0.6
1196	1/2/2014 0:31:05	8.88	51.11	33.26	9.51	7.86	12.0	3.479	101.7	2.9	1.7	0.7
1197	1/2/2014 0:46:05	8.75	51.11	33.25	9.50	7.86	6.2	3.524	101.2	3.0	1.7	0.7
1198	1/2/2014 1:01:05	8.54	50.93	33.10	9.38	7.87	4.4	3.542	99.5	2.3	1.3	0.5
1199	1/2/2014 1:16:05	8.41	50.94	33.10	9.40	7.87	6.5	3.536	99.3	2.1	1.2	0.5
1200	1/2/2014 1:31:05	8.67	51.01	33.17	9.37	7.85	5.4	3.496	99.7	2.1	1.2	0.5
1201	1/2/2014 1:46:05	8.64	50.99	33.16	9.46	7.86	12.2	3.435	100.6	2.2	1.3	0.5
1202	1/2/2014 2:01:05	8.67	51.03	33.18	9.46	7.85	7.3	3.367	100.6	1.7	1.0	0.4
1203	1/2/2014 2:16:05	8.72	51.07	33.22	9.44	7.85	5.9	3.265	100.5	2.3	1.3	0.5
1204	1/2/2014 2:31:05	8.69	51.04	33.19	9.42	7.85	6.3	3.160	100.2	2.0	1.1	0.5
1205	1/2/2014 2:46:05	8.65	50.98	33.15	9.46	7.86	8.4	3.071	100.6	2.3	1.3	0.5
1206	1/2/2014 3:01:05	8.57	50.93	33.11	9.50	7.86	8.3	2.961	100.7	2.2	1.3	0.5
1207	1/2/2014 3:16:05	8.49	50.89	33.07	9.54	7.87	6.1	2.868	101.0	1.1	0.6	0.3
1208	1/2/2014 3:31:06	8.51	50.89	33.07	9.52	7.87	7.2	2.783	100.8	1.9	1.1	0.5
1209	1/2/2014 3:46:05	8.48	50.92	33.09	9.55	7.87	6.9	2.687	101.1	2.0	1.1	0.5
1210	1/2/2014 4:01:05	8.51	50.89	33.07	9.54	7.87	5.7	2.612	101.1	2.2	1.3	0.5
1211	1/2/2014 4:16:05	8.54	50.90	33.08	9.51	7.87	5.4	2.523	100.8	1.8	1.0	0.4
1212	1/2/2014 4:31:06	8.50	50.91	33.08	9.49	7.86	5.3	2.449	100.5	1.8	1.0	0.4
1213	1/2/2014 4:46:05	8.51	50.88	33.07	9.52	7.87	5.1	2.384	100.8	1.9	1.1	0.4
1214	1/2/2014 5:01:06	8.38	50.93	33.09	9.45	7.86	4.5	2.310	99.8	2.0	1.1	0.5
1215	1/2/2014 5:16:05	8.41	50.88	33.06	9.42	7.87	4.5	2.257	99.5	1.7	1.0	0.4
1216	1/2/2014 5:31:05	8.42	50.88	33.05	9.45	7.87	4.0	2.233	99.9	2.1	1.2	0.5
1217	1/2/2014 5:46:05	8.39	50.85	33.03	9.47	7.87	4.0	2.196	100.0	2.0	1.1	0.5
1218	1/2/2014 6:01:05	8.38	50.84	33.03	9.33	7.87	3.2	2.195	98.5	1.8	1.0	0.4
1219	1/2/2014 6:16:05	8.38	50.86	33.04	9.50	7.87	7.8	2.226	100.3	1.5	0.9	0.4
1220	1/2/2014 6:31:06	8.41	50.86	33.04	9.51	7.87	4.4	2.250	100.5	1.2	0.7	0.3
1221	1/2/2014 6:46:05	8.44	50.82	33.01	9.62	7.88	5.2	2.307	101.6	1.7	1.0	0.4
1222	1/2/2014 7:01:05	8.45	50.90	33.07	9.58	7.88	6.5	2.384	101.3	1.9	1.1	0.4
1223	1/2/2014 7:16:06	8.41	50.90	33.07	9.52	7.87	9.8	2.470	100.6	16.7	9.5	4.0
1224	1/2/2014 7:31:05	8.38	50.91	33.08	9.46	7.86	9.0	2.553	99.9	5.4	3.1	1.3
1225	1/2/2014 7:46:05	8.40	50.94	33.10	9.45	7.86	9.0	2.654	99.9	10.6	6.0	2.5
1226	1/2/2014 8:01:05	8.41	50.94	33.10	9.44	7.86	8.0	2.745	99.8	12.0	6.8	2.8
1227	1/2/2014 8:16:05	8.54	51.01	33.16	9.46	7.86	8.1	2.834	100.3	6.0	3.4	1.4
1228	1/2/2014 8:31:05	8.59	51.04	33.19	9.48	7.86	9.0	2.939	100.6	11.7	6.7	2.8
1229	1/2/2014 8:46:05	8.65	51.08	33.22	9.49	7.86	10.0	3.026	100.9	15.4	8.8	3.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
1230	1/2/2014 9:01:05	8.68	51.10	33.24	9.49	7.86	10.1	3.138	101.0	9.0	5.1	2.1
1231	1/2/2014 9:16:05	8.71	51.12	33.26	9.47	7.86	12.8	3.241	100.9	8.8	5.0	2.1
1232	1/2/2014 9:31:05	8.74	51.16	33.28	9.45	7.85	13.7	3.351	100.7	5.5	3.1	1.3
1233	1/2/2014 9:46:05	8.76	51.18	33.30	9.43	7.85	12.8	3.469	100.5	10.6	6.0	2.5
1234	1/2/2014 10:01:05	8.80	51.21	33.33	9.42	7.85	13.1	3.574	100.6	11.9	6.8	2.8
1235	1/2/2014 10:16:05	8.84	51.24	33.35	9.39	7.85	12.2	3.689	100.3	9.3	5.3	2.2
1236	1/2/2014 10:31:05	8.84	51.23	33.35	9.40	7.85	11.6	3.792	100.5	5.4	3.1	1.3
1237	1/2/2014 10:46:05	8.86	51.25	33.36	9.39	7.85	9.1	3.888	100.4	3.8	2.2	0.9
1238	1/2/2014 11:01:05	8.88	51.28	33.38	9.38	7.85	8.3	3.982	100.3	5.9	3.4	1.4
1239	1/2/2014 11:16:05	8.92	51.28	33.39	9.34	7.85	7.0	4.057	100.0	2.2	1.3	0.5
1240	1/2/2014 11:31:05	8.95	51.28	33.39	9.35	7.85	4.8	4.114	100.2	2.7	1.5	0.6
1241	1/2/2014 11:46:05	8.93	51.20	33.33	9.47	7.86	4.0	4.169	101.4	1.9	1.1	0.5
1242	1/2/2014 12:01:05	8.93	51.25	33.36	9.36	7.86	3.4	4.191	100.3	2.0	1.1	0.5
1243	1/2/2014 12:16:05	8.95	51.23	33.35	9.41	7.86	3.9	4.186	100.8	2.6	1.5	0.6
1244	1/2/2014 12:31:05	9.04	51.21	33.35	9.68	7.87	5.3	4.161	103.9	1.5	0.9	0.4
1245	1/2/2014 12:46:05	8.94	51.24	33.36	9.51	7.86	5.9	4.110	101.8	2.5	1.4	0.6
1246	1/2/2014 13:01:05	9.12	51.23	33.37	9.60	7.87	4.7	4.021	103.2	2.5	1.4	0.6
1247	1/2/2014 13:16:05	9.14	51.24	33.37	9.59	7.87	4.8	3.910	103.2	2.2	1.3	0.5
1248	1/2/2014 13:31:05	9.08	51.22	33.36	9.60	7.87	7.0	3.787	103.2	1.8	1.0	0.4
1249	1/2/2014 13:46:05	9.04	51.20	33.34	9.61	7.87	8.7	3.654	103.1	2.1	1.2	0.5
1250	1/2/2014 14:01:05	8.96	51.19	33.33	9.54	7.87	12.5	3.514	102.3	2.3	1.3	0.6
1251	1/2/2014 14:16:05	8.91	51.18	33.31	9.54	7.86	9.6	3.368	102.1	2.6	1.5	0.6
1252	1/2/2014 14:31:05	9.00	51.18	33.32	9.57	7.86	10.9	3.218	102.6	2.7	1.5	0.6
1253	1/2/2014 14:46:05	9.01	51.16	33.31	9.60	7.87	7.6	3.071	102.9	2.1	1.2	0.5
1254	1/2/2014 15:01:05	9.02	51.15	33.30	9.68	7.87	7.9	2.919	103.8	2.2	1.3	0.5
1255	1/2/2014 15:16:05	9.02	51.14	33.29	9.70	7.87	6.8	2.754	104.1	1.9	1.1	0.5
1256	1/2/2014 15:31:05	9.02	51.12	33.28	9.73	7.88	7.2	2.607	104.4	2.4	1.4	0.6
1257	1/2/2014 15:46:05	9.04	51.09	33.26	9.76	7.88	7.2	2.438	104.8	1.8	1.0	0.4
1258	1/2/2014 16:01:05	9.05	51.08	33.25	9.79	7.88	7.7	2.271	105.1	2.0	1.1	0.5
1259	1/2/2014 16:16:05	9.00	51.01	33.20	9.87	7.89	9.0	2.101	105.7	2.4	1.4	0.6
1260	1/2/2014 16:31:05	8.95	50.99	33.18	10.00	7.90	10.8	1.902	107.0	2.0	1.1	0.5
1261	1/2/2014 16:46:05	8.91	50.97	33.16	9.96	7.91	12.5	1.728	106.5	2.8	1.6	0.7
1262	1/2/2014 17:01:05	8.90	50.95	33.15	9.94	7.91	10.6	1.553	106.2	3.5	2.0	0.8
1263	1/2/2014 17:16:05	8.89	50.92	33.12	10.01	7.91	10.3	1.352	106.9	2.3	1.3	0.5
1264	1/2/2014 17:31:05	8.88	50.91	33.11	9.99	7.91	10.0	1.180	106.7	1.9	1.1	0.4
1265	1/2/2014 17:46:05	8.86	50.90	33.11	10.04	7.92	9.3	1.016	107.2	2.2	1.3	0.5
1266	1/2/2014 18:01:05	8.86	50.89	33.10	10.02	7.92	10.9	0.864	107.0	2.0	1.1	0.5
1267	1/2/2014 18:16:05	8.85	50.91	33.11	9.86	7.90	12.2	0.765	105.3	2.4	1.4	0.6
1268	1/2/2014 18:31:05	8.84	50.90	33.10	10.01	7.91	8.3	0.747	106.8	1.6	0.9	0.4
1269	1/2/2014 18:46:05	8.84	50.88	33.09	10.02	7.92	8.7	0.810	106.9	1.7	1.0	0.4
1270	1/2/2014 19:01:05	8.82	50.86	33.07	10.12	7.92	7.9	0.907	107.9	1.7	1.0	0.4

sonde #2			Indian Island Long-Term Deployment							Water Quality Data		
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	ChlorophyllI	Corrected ChlorophyllI (Corrected ratio = 0.57)	Fluorescence	
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters				DO%
1271	1/2/2014 19:16:05	8.77	50.83	33.05	10.26	7.93	6.5	1.058	109.3	2.1	1.2	0.5
1272	1/2/2014 19:31:05	8.71	50.78	33.01	10.25	7.93	5.9	1.165	109.0	1.6	0.9	0.4
1273	1/2/2014 19:46:05	8.74	50.79	33.02	10.16	7.93	6.2	1.245	108.1	1.6	0.9	0.4
1274	1/2/2014 20:01:05	8.43	50.47	32.76	9.99	7.91	9.3	1.318	105.4	1.8	1.0	0.4
1275	1/2/2014 20:16:05	8.46	50.46	32.76	9.94	7.91	9.4	1.404	104.9	1.4	0.8	0.3
1276	1/2/2014 20:31:05	8.53	50.53	32.81	9.92	7.90	9.1	1.510	104.9	2.1	1.2	0.5
1277	1/2/2014 20:46:05	8.62	50.67	32.92	9.92	7.90	8.4	1.586	105.2	1.9	1.1	0.5
1278	1/2/2014 21:01:05	8.63	50.72	32.95	9.93	7.90	8.3	1.699	105.3	1.9	1.1	0.4
1279	1/2/2014 21:16:05	8.64	50.73	32.97	9.94	7.91	8.8	1.811	105.5	1.8	1.0	0.4
1280	1/2/2014 21:31:05	8.65	50.74	32.98	9.99	7.91	9.4	1.929	106.0	1.9	1.1	0.5
1281	1/2/2014 21:46:05	8.70	50.76	32.99	10.00	7.92	9.2	2.059	106.2	2.0	1.1	0.5
1282	1/2/2014 22:01:05	8.80	50.84	33.06	10.02	7.91	10.3	2.191	106.8	2.5	1.4	0.6
1283	1/2/2014 22:16:05	8.83	50.88	33.09	10.01	7.91	12.0	2.327	106.8	2.4	1.4	0.6
1284	1/2/2014 22:31:05	8.84	50.87	33.09	9.96	7.90	12.1	2.457	106.3	2.3	1.3	0.5
1285	1/2/2014 22:46:05	8.86	50.90	33.11	9.92	7.90	14.1	2.578	105.8	2.1	1.2	0.5
1286	1/2/2014 23:01:05	8.88	50.94	33.14	9.85	7.89	15.7	2.701	105.2	2.4	1.4	0.6
1287	1/2/2014 23:16:05	8.90	50.98	33.17	9.79	7.88	16.3	2.806	104.6	2.0	1.1	0.5
1288	1/2/2014 23:31:05	8.96	51.06	33.23	9.66	7.88	17.0	2.922	103.5	2.6	1.5	0.6
1289	1/2/2014 23:46:05	8.98	51.11	33.27	9.59	7.87	15.1	3.032	102.8	2.9	1.7	0.7
1290	1/3/2014 0:01:05	8.98	51.13	33.28	9.57	7.86	16.0	3.128	102.6	3.3	1.9	0.8
1291	1/3/2014 0:16:05	8.98	51.14	33.29	9.56	7.86	17.6	3.227	102.4	2.8	1.6	0.7
1292	1/3/2014 0:31:05	8.99	51.15	33.30	9.54	7.86	14.8	3.325	102.3	2.3	1.3	0.5
1293	1/3/2014 0:46:05	9.01	51.14	33.29	9.48	7.86	13.1	3.418	101.6	1.9	1.1	0.5
1294	1/3/2014 1:01:05	9.03	51.16	33.31	9.37	7.86	10.1	3.488	100.5	2.9	1.7	0.7
1295	1/3/2014 1:16:05	9.02	51.14	33.29	9.31	7.86	6.8	3.560	99.8	2.3	1.3	0.6
1296	1/3/2014 1:31:05	9.03	51.17	33.32	9.22	7.85	5.9	3.608	98.9	2.1	1.2	0.5
1297	1/3/2014 1:46:05	8.86	51.15	33.29	9.14	7.86	4.2	3.618	97.7	2.3	1.3	0.5
1298	1/3/2014 2:01:05	8.81	51.04	33.20	9.37	7.86	5.3	3.624	100.0	2.1	1.2	0.5
1299	1/3/2014 2:16:05	8.87	51.12	33.27	9.43	7.85	5.7	3.578	100.8	2.0	1.1	0.5
1300	1/3/2014 2:31:05	8.76	51.08	33.23	9.48	7.86	10.4	3.509	101.0	2.5	1.4	0.6
1301	1/3/2014 2:46:05	8.83	51.10	33.25	9.49	7.86	6.1	3.438	101.3	1.7	1.0	0.4
1302	1/3/2014 3:01:05	8.95	51.15	33.30	9.37	7.86	6.9	3.336	100.3	2.1	1.2	0.5
1303	1/3/2014 3:16:05	8.85	51.10	33.25	9.45	7.86	6.8	3.238	101.0	2.1	1.2	0.5
1304	1/3/2014 3:31:05	8.74	51.04	33.20	9.47	7.86	6.7	3.133	100.9	1.8	1.0	0.4
1305	1/3/2014 3:46:05	8.70	51.01	33.18	9.53	7.86	9.8	3.030	101.4	1.8	1.0	0.4
1306	1/3/2014 4:01:05	8.64	51.03	33.18	9.54	7.87	7.6	2.932	101.4	1.8	1.0	0.4
1307	1/3/2014 4:16:05	8.71	51.00	33.17	9.52	7.86	6.7	2.834	101.3	1.9	1.1	0.5
1308	1/3/2014 4:31:05	8.76	51.02	33.19	9.51	7.86	6.9	2.745	101.4	1.7	1.0	0.4
1309	1/3/2014 4:46:05	8.72	51.02	33.18	9.51	7.86	6.4	2.640	101.3	1.6	0.9	0.4
1310	1/3/2014 5:01:05	8.64	50.99	33.16	9.54	7.86	4.8	2.545	101.3	2.0	1.1	0.5
1311	1/3/2014 5:16:05	8.68	51.03	33.18	9.52	7.86	5.3	2.471	101.2	1.3	0.7	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
1312	1/3/2014 5:31:05	8.68	51.02	33.18	9.50	7.86	5.3	2.385	101.1	2.1	1.2	0.5
1313	1/3/2014 5:46:05	8.65	51.00	33.16	9.49	7.86	4.9	2.299	100.8	1.7	1.0	0.4
1314	1/3/2014 6:01:05	8.59	50.98	33.15	9.46	7.86	4.3	2.228	100.4	1.9	1.1	0.4
1315	1/3/2014 6:16:05	8.56	51.00	33.16	9.46	7.86	4.0	2.201	100.3	1.4	0.8	0.3
1316	1/3/2014 6:31:05	8.55	50.94	33.11	9.50	7.87	4.0	2.144	100.7	1.6	0.9	0.4
1317	1/3/2014 6:46:05	8.53	50.94	33.11	9.44	7.87	4.2	2.102	100.1	1.3	0.7	0.3
1318	1/3/2014 7:01:05	8.47	50.93	33.10	9.36	7.87	3.7	2.117	99.0	1.4	0.8	0.3
1319	1/3/2014 7:16:05	8.51	50.95	33.11	9.46	7.87	4.2	2.142	100.2	2.2	1.3	0.5
1320	1/3/2014 7:31:05	8.54	50.91	33.09	9.57	7.87	4.7	2.175	101.4	1.8	1.0	0.4
1321	1/3/2014 7:46:05	8.54	50.87	33.06	9.66	7.88	5.0	2.238	102.4	1.8	1.0	0.4
1322	1/3/2014 8:01:05	8.57	50.90	33.08	9.65	7.88	6.5	2.316	102.4	1.5	0.9	0.3
1323	1/3/2014 8:16:05	8.52	50.89	33.07	9.60	7.87	9.0	2.402	101.6	1.9	1.1	0.5
1324	1/3/2014 8:31:05	8.60	50.97	33.13	9.52	7.86	8.0	2.494	101.1	2.2	1.3	0.5
1325	1/3/2014 8:46:05	8.58	50.96	33.13	9.49	7.86	6.5	2.599	100.7	1.6	0.9	0.4
1326	1/3/2014 9:01:05	8.60	50.95	33.12	9.48	7.86	6.5	2.692	100.6	1.9	1.1	0.4
1327	1/3/2014 9:16:05	8.69	50.99	33.16	9.47	7.86	6.8	2.791	100.7	1.9	1.1	0.5
1328	1/3/2014 9:31:05	8.79	51.03	33.20	9.46	7.86	7.2	2.885	100.9	1.6	0.9	0.4
1329	1/3/2014 9:46:05	8.82	51.05	33.21	9.44	7.86	6.8	2.981	100.7	1.7	1.0	0.4
1330	1/3/2014 10:01:05	8.85	51.06	33.22	9.39	7.86	8.5	3.091	100.3	1.2	0.7	0.3
1331	1/3/2014 10:16:05	8.87	51.09	33.24	9.36	7.86	9.0	3.177	100.0	2.1	1.2	0.5
1332	1/3/2014 10:31:05	8.88	51.11	33.26	9.30	7.85	11.1	3.278	99.4	2.0	1.1	0.5
1333	1/3/2014 10:46:05	8.89	51.12	33.27	9.26	7.86	10.4	3.392	99.0	2.8	1.6	0.7
1334	1/3/2014 11:01:05	8.92	51.16	33.30	9.19	7.86	11.4	3.500	98.4	2.7	1.5	0.6
1335	1/3/2014 11:16:05	8.98	51.18	33.32	9.10	7.85	9.9	3.604	97.6	2.7	1.5	0.6
1336	1/3/2014 11:31:05	8.98	51.19	33.33	9.10	7.85	9.6	3.708	97.5	3.0	1.7	0.7
1337	1/3/2014 11:46:05	9.00	51.19	33.33	9.07	7.85	8.8	3.789	97.3	2.5	1.4	0.6
1338	1/3/2014 12:01:05	9.03	51.20	33.34	9.03	7.85	7.0	3.880	96.9	2.0	1.1	0.5
1339	1/3/2014 12:16:05	9.04	51.20	33.34	8.98	7.85	5.4	3.948	96.4	2.1	1.2	0.5
1340	1/3/2014 12:31:05	9.03	51.20	33.34	8.99	7.85	4.1	4.000	96.4	2.5	1.4	0.6
1341	1/3/2014 12:46:05	8.95	51.17	33.31	9.36	7.89	3.6	4.040	100.2	2.0	1.1	0.5
1342	1/3/2014 13:01:05	9.01	51.08	33.25	9.55	7.88	3.9	4.050	102.4	2.6	1.5	0.6
1343	1/3/2014 13:16:05	9.03	51.10	33.27	9.52	7.88	4.8	4.035	102.2	2.1	1.2	0.5
1344	1/3/2014 13:31:05	9.05	51.18	33.32	9.14	7.86	4.1	3.991	98.1	1.4	0.8	0.3
1345	1/3/2014 13:46:05	9.12	51.16	33.32	9.33	7.87	4.4	3.916	100.3	2.3	1.3	0.5
1346	1/3/2014 14:01:05	9.13	51.17	33.33	9.26	7.87	6.7	3.824	99.6	1.6	0.9	0.4
1347	1/3/2014 14:16:05	9.07	51.13	33.29	9.36	7.87	4.9	3.718	100.5	2.0	1.1	0.5
1348	1/3/2014 14:31:05	9.06	51.13	33.29	9.40	7.87	5.6	3.584	100.9	2.2	1.3	0.5
1349	1/3/2014 14:46:05	9.01	51.12	33.28	9.36	7.86	6.0	3.460	100.3	1.4	0.8	0.3
1350	1/3/2014 15:01:05	9.00	51.12	33.28	9.30	7.86	8.9	3.326	99.7	2.0	1.1	0.5
1351	1/3/2014 15:16:05	9.01	51.11	33.27	9.32	7.86	7.9	3.203	99.9	2.6	1.5	0.6
1352	1/3/2014 15:31:05	9.01	51.11	33.27	9.33	7.86	7.9	3.063	100.1	1.9	1.1	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
1353	1/3/2014 15:46:05	9.01	51.11	33.27	9.37	7.86	6.4	2.901	100.5	1.7	1.0	0.4
1354	1/3/2014 16:01:05	9.01	51.11	33.27	9.40	7.87	6.2	2.753	100.8	3.0	1.7	0.7
1355	1/3/2014 16:16:05	9.01	51.09	33.26	9.44	7.87	4.8	2.607	101.2	2.6	1.5	0.6
1356	1/3/2014 16:31:05	8.96	51.05	33.23	9.51	7.87	6.4	2.460	101.8	2.0	1.1	0.5
1357	1/3/2014 16:46:05	8.90	51.01	33.19	9.58	7.88	9.5	2.291	102.4	2.4	1.4	0.6
1358	1/3/2014 17:01:05	8.91	51.01	33.19	9.60	7.88	7.6	2.120	102.7	2.0	1.1	0.5
1359	1/3/2014 17:16:05	8.90	51.00	33.18	9.52	7.87	9.4	1.955	101.8	1.7	1.0	0.4
1360	1/3/2014 17:31:05	8.87	50.97	33.16	9.60	7.88	11.2	1.797	102.5	2.7	1.5	0.6
1361	1/3/2014 17:46:05	8.86	50.96	33.15	9.58	7.87	10.3	1.603	102.4	3.1	1.8	0.7
1362	1/3/2014 18:01:05	8.87	50.97	33.16	9.55	7.87	9.1	1.439	102.0	1.9	1.1	0.4
1363	1/3/2014 18:16:05	8.85	50.95	33.14	9.59	7.87	9.1	1.284	102.4	1.9	1.1	0.5
1364	1/3/2014 18:31:05	8.85	50.95	33.15	9.58	7.88	7.0	1.134	102.3	1.7	1.0	0.4
1365	1/3/2014 18:46:05	8.83	50.93	33.12	9.66	7.88	6.2	0.993	103.0	2.6	1.5	0.6
1366	1/3/2014 19:01:05	8.81	50.92	33.12	9.64	7.88	6.4	0.892	102.7	2.6	1.5	0.6
1367	1/3/2014 19:16:05	8.82	50.93	33.12	9.67	7.88	6.2	0.869	103.1	2.1	1.2	0.5
1368	1/3/2014 19:31:05	8.83	50.93	33.13	9.56	7.87	6.0	0.869	102.0	1.8	1.0	0.4
1369	1/3/2014 19:46:05	8.82	50.91	33.11	9.69	7.88	5.7	0.968	103.3	2.3	1.3	0.5
1370	1/3/2014 20:01:05	8.78	50.88	33.09	9.81	7.89	5.8	1.100	104.5	1.9	1.1	0.5
1371	1/3/2014 20:16:05	8.70	50.84	33.05	9.96	7.90	5.7	1.195	105.9	1.5	0.9	0.4
1372	1/3/2014 20:31:05	8.71	50.85	33.06	9.91	7.90	5.6	1.278	105.5	2.2	1.3	0.5
1373	1/3/2014 20:46:05	8.40	50.56	32.82	9.78	7.87	7.1	1.378	103.1	2.1	1.2	0.5
1374	1/3/2014 21:01:05	8.34	50.50	32.78	9.71	7.86	7.1	1.463	102.3	1.7	1.0	0.4
1375	1/3/2014 21:16:05	8.43	50.58	32.84	9.71	7.87	7.3	1.566	102.5	2.2	1.3	0.5
1376	1/3/2014 21:31:05	8.58	50.71	32.95	9.66	7.87	6.7	1.648	102.3	1.9	1.1	0.5
1377	1/3/2014 21:46:05	8.60	50.75	32.98	9.69	7.88	6.5	1.747	102.7	1.9	1.1	0.4
1378	1/3/2014 22:01:05	8.60	50.75	32.98	9.73	7.87	7.0	1.881	103.2	1.6	0.9	0.4
1379	1/3/2014 22:16:05	8.62	50.77	32.99	9.77	7.88	7.6	1.998	103.6	2.3	1.3	0.5
1380	1/3/2014 22:31:05	8.74	50.86	33.07	9.82	7.88	7.5	2.129	104.5	2.0	1.1	0.5
1381	1/3/2014 22:46:05	8.79	50.89	33.09	9.81	7.88	9.0	2.265	104.6	2.2	1.3	0.5
1382	1/3/2014 23:01:05	8.82	50.91	33.11	9.79	7.88	9.3	2.395	104.4	2.5	1.4	0.6
1383	1/3/2014 23:16:05	8.84	50.92	33.12	9.74	7.88	14.2	2.519	103.9	2.6	1.5	0.6
1384	1/3/2014 23:31:05	8.86	50.94	33.14	9.70	7.87	11.5	2.644	103.6	2.2	1.3	0.5
1385	1/3/2014 23:46:05	8.88	50.97	33.16	9.63	7.87	12.5	2.753	102.9	2.5	1.4	0.6
1386	1/4/2014 0:01:05	8.94	51.02	33.20	9.56	7.86	15.0	2.860	102.3	2.7	1.5	0.6
1387	1/4/2014 0:16:05	8.99	51.08	33.25	9.53	7.85	15.2	2.975	102.1	3.0	1.7	0.7
1388	1/4/2014 0:31:05	9.02	51.12	33.28	9.53	7.85	16.1	3.084	102.3	2.6	1.5	0.6
1389	1/4/2014 0:46:05	9.04	51.15	33.30	9.54	7.85	12.9	3.195	102.4	2.7	1.5	0.6
1390	1/4/2014 1:01:05	9.04	51.16	33.31	9.51	7.84	12.8	3.291	102.1	2.3	1.3	0.5
1391	1/4/2014 1:16:05	9.04	51.16	33.31	9.45	7.84	11.2	3.387	101.4	2.4	1.4	0.6
1392	1/4/2014 1:31:05	9.04	51.16	33.31	9.43	7.84	10.6	3.486	101.2	2.1	1.2	0.5
1393	1/4/2014 1:46:05	9.05	51.16	33.31	9.43	7.84	8.0	3.548	101.2	2.5	1.4	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
1394	1/4/2014 2:01:05	9.06	51.15	33.31	9.41	7.84	6.5	3.613	101.0	1.9	1.1	0.4
1395	1/4/2014 2:16:05	9.06	51.17	33.32	9.38	7.84	5.0	3.661	100.8	1.8	1.0	0.4
1396	1/4/2014 2:31:05	8.89	51.08	33.24	9.29	7.84	4.9	3.690	99.3	1.9	1.1	0.4
1397	1/4/2014 2:46:05	8.93	51.06	33.23	9.33	7.84	4.9	3.677	99.8	2.4	1.4	0.6
1398	1/4/2014 3:01:05	9.01	51.16	33.30	9.43	7.84	5.9	3.628	101.1	2.1	1.2	0.5
1399	1/4/2014 3:16:05	8.92	51.08	33.24	9.40	7.85	7.1	3.571	100.6	2.4	1.4	0.6
1400	1/4/2014 3:31:05	8.98	51.13	33.29	9.45	7.84	5.6	3.484	101.3	1.8	1.0	0.4
1401	1/4/2014 3:46:05	9.03	51.17	33.32	9.44	7.83	6.2	3.376	101.3	2.0	1.1	0.5
1402	1/4/2014 4:01:05	8.99	51.14	33.29	9.42	7.84	6.1	3.289	100.9	2.1	1.2	0.5
1403	1/4/2014 4:16:05	8.89	51.06	33.22	9.36	7.84	5.6	3.179	100.0	1.8	1.0	0.4
1404	1/4/2014 4:31:05	8.88	51.02	33.20	9.39	7.84	9.5	3.075	100.3	1.8	1.0	0.4
1405	1/4/2014 4:46:05	8.88	51.03	33.21	9.39	7.84	7.9	2.971	100.4	1.7	1.0	0.4
1406	1/4/2014 5:01:05	8.92	51.08	33.24	9.38	7.84	8.3	2.860	100.3	2.0	1.1	0.5
1407	1/4/2014 5:16:05	8.88	51.06	33.22	9.37	7.84	5.4	2.762	100.2	1.6	0.9	0.4
1408	1/4/2014 5:31:05	8.83	51.03	33.20	9.39	7.84	5.6	2.672	100.2	2.1	1.2	0.5
1409	1/4/2014 5:46:05	8.83	51.05	33.21	9.35	7.84	4.9	2.579	99.8	1.7	1.0	0.4
1410	1/4/2014 6:01:05	8.83	51.08	33.23	9.30	7.83	4.0	2.482	99.3	1.5	0.9	0.3
1411	1/4/2014 6:16:05	8.82	51.00	33.18	9.34	7.84	5.6	2.402	99.7	2.0	1.1	0.5
1412	1/4/2014 6:31:05	8.78	51.04	33.20	9.29	7.83	4.6	2.318	99.1	1.4	0.8	0.3
1413	1/4/2014 6:46:05	8.73	51.00	33.17	9.32	7.84	4.8	2.223	99.3	1.7	1.0	0.4
1414	1/4/2014 7:01:05	8.70	51.02	33.18	9.32	7.84	7.2	2.160	99.2	1.7	1.0	0.4
1415	1/4/2014 7:16:05	8.65	50.96	33.13	9.33	7.84	5.1	2.110	99.1	1.8	1.0	0.4
1416	1/4/2014 7:31:05	8.63	50.95	33.12	9.29	7.84	4.6	2.071	98.6	2.0	1.1	0.5
1417	1/4/2014 7:46:05	8.60	50.97	33.13	9.23	7.84	4.6	2.043	98.0	1.2	0.7	0.3
1418	1/4/2014 8:01:05	8.60	50.94	33.11	9.31	7.84	4.2	2.052	98.9	1.7	1.0	0.4
1419	1/4/2014 8:16:05	8.61	50.94	33.11	9.35	7.84	4.2	2.081	99.3	1.6	0.9	0.4
1420	1/4/2014 8:31:05	8.61	50.90	33.09	9.40	7.85	4.0	2.118	99.7	1.5	0.9	0.4
1421	1/4/2014 8:46:05	8.61	50.89	33.08	9.44	7.85	4.3	2.189	100.2	1.7	1.0	0.4
1422	1/4/2014 9:01:05	8.63	50.89	33.08	9.46	7.85	5.9	2.271	100.5	1.7	1.0	0.4
1423	1/4/2014 9:16:05	8.57	50.86	33.05	9.38	7.84	7.8	2.363	99.5	1.8	1.0	0.4
1424	1/4/2014 9:31:05	8.62	50.89	33.08	9.34	7.83	6.9	2.451	99.2	1.7	1.0	0.4
1425	1/4/2014 9:46:05	8.64	50.91	33.09	9.34	7.83	5.7	2.540	99.2	1.9	1.1	0.4
1426	1/4/2014 10:01:05	8.69	50.93	33.11	9.36	7.84	5.6	2.637	99.5	1.7	1.0	0.4
1427	1/4/2014 10:16:05	8.79	50.99	33.17	9.40	7.84	5.4	2.731	100.2	1.4	0.8	0.3
1428	1/4/2014 10:31:05	8.87	51.05	33.22	9.46	7.84	5.7	2.818	101.1	1.9	1.1	0.5
1429	1/4/2014 10:46:05	8.91	51.07	33.23	9.47	7.85	6.3	2.913	101.3	1.6	0.9	0.4
1430	1/4/2014 11:01:05	8.93	51.07	33.24	9.47	7.85	6.7	3.005	101.3	1.7	1.0	0.4
1431	1/4/2014 11:16:05	8.95	51.09	33.25	9.47	7.85	7.0	3.103	101.4	2.2	1.3	0.5
1432	1/4/2014 11:31:05	8.97	51.10	33.26	9.45	7.84	7.6	3.201	101.2	3.5	2.0	0.8
1433	1/4/2014 11:46:05	8.99	51.12	33.27	9.41	7.84	8.2	3.298	100.9	1.8	1.0	0.4
1434	1/4/2014 12:01:05	9.02	51.14	33.29	9.41	7.84	8.9	3.398	100.9	1.7	1.0	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
1435	1/4/2014 12:16:05	9.06	51.16	33.31	9.41	7.84	8.7	3.492	101.0	2.1	1.2	0.5
1436	1/4/2014 12:31:05	9.08	51.17	33.32	9.40	7.84		3.583	101.0	2.0	1.1	0.5
1437	1/4/2014 12:46:05	9.10	51.17	33.32	9.34	7.84	7.4	3.661	100.4	2.5	1.4	0.6
1438	1/4/2014 13:01:05	9.12	51.17	33.32	9.33	7.84	5.9	3.734	100.3	1.9	1.1	0.5
1439	1/4/2014 13:16:05	9.13	51.17	33.32	9.32	7.84	5.6	3.788	100.2	2.0	1.1	0.5
1440	1/4/2014 13:31:05	9.24	51.11	33.29	9.70	7.87	3.9	3.830	104.5	1.3	0.7	0.3
1441	1/4/2014 13:46:05	9.21	51.13	33.30	9.53	7.86	3.2	3.862	102.6	1.9	1.1	0.4
1442	1/4/2014 14:01:05	9.21	51.13	33.30	9.48	7.85	4.0	3.863	102.1	1.6	0.9	0.4
1443	1/4/2014 14:16:05	9.25	51.09	33.28	9.75	7.87	4.3	3.842	105.1	2.0	1.1	0.5
1444	1/4/2014 14:31:05	9.27	51.12	33.30	9.69	7.86	4.8	3.789	104.5	1.4	0.8	0.3
1445	1/4/2014 14:46:05	9.21	51.11	33.29	9.56	7.85	5.8	3.721	103.0	2.2	1.3	0.5
1446	1/4/2014 15:01:05	9.24	51.08	33.27	9.69	7.86	4.3	3.627	104.4	1.7	1.0	0.4
1447	1/4/2014 15:16:05	9.30	51.15	33.32	9.70	7.86	4.6	3.512	104.7	1.6	0.9	0.4
1448	1/4/2014 15:31:05	9.25	51.09	33.28	9.71	7.87	5.1	3.388	104.7	1.2	0.7	0.3
1449	1/4/2014 15:46:05	9.19	51.07	33.26	9.69	7.87	7.2	3.264	104.3	2.2	1.3	0.5
1450	1/4/2014 16:01:05	9.14	51.07	33.25	9.66	7.86	6.7	3.151	103.8	2.3	1.3	0.5
1451	1/4/2014 16:16:05	9.16	51.05	33.24	9.76	7.87	4.4	3.017	105.0	1.1	0.6	0.3
1452	1/4/2014 16:31:05	9.15	51.03	33.22	9.97	7.89	5.3	2.879	107.1	1.6	0.9	0.4
1453	1/4/2014 16:46:05	9.14	51.04	33.23	9.73	7.88	5.1	2.756	104.6	1.5	0.9	0.4
1454	1/4/2014 17:01:05	9.10	51.06	33.24	9.68	7.87	4.3	2.620	103.9	1.5	0.9	0.4
1455	1/4/2014 17:16:05	9.09	51.04	33.23	9.64	7.86	6.1	2.466	103.5	1.5	0.9	0.4
1456	1/4/2014 17:31:05	9.07	51.04	33.23	9.63	7.87	6.4	2.316	103.3	2.1	1.2	0.5
1457	1/4/2014 17:46:05	9.04	51.04	33.23	9.64	7.87	7.5	2.166	103.4	1.6	0.9	0.4
1458	1/4/2014 18:01:05	8.99	51.01	33.20	9.75	7.88	10.7	2.020	104.5	1.9	1.1	0.5
1459	1/4/2014 18:16:05	8.96	51.00	33.19	9.71	7.87	8.4	1.862	103.9	1.9	1.1	0.4
1460	1/4/2014 18:31:05	8.97	50.98	33.17	9.74	7.88	8.1	1.706	104.3	1.6	0.9	0.4
1461	1/4/2014 18:46:05	8.95	50.98	33.17	9.71	7.87	8.1	1.547	103.9	1.8	1.0	0.4
1462	1/4/2014 19:01:05	8.95	50.96	33.16	9.78	7.88	7.3	1.413	104.7	1.9	1.1	0.5
1463	1/4/2014 19:16:05	8.93	50.96	33.16	9.80	7.88	6.8	1.277	104.8	1.7	1.0	0.4
1464	1/4/2014 19:31:05	8.92	50.96	33.16	9.77	7.88	5.0	1.166	104.4	2.0	1.1	0.5
1465	1/4/2014 19:46:05	8.92	50.94	33.14	9.87	7.89	5.0	1.103	105.6	1.8	1.0	0.4
1466	1/4/2014 20:01:05	8.88	50.95	33.14	9.85	7.89	5.5	1.058	105.2	1.4	0.8	0.3
1467	1/4/2014 20:16:05	8.89	50.95	33.14	9.75	7.88	5.1	1.078	104.2	1.9	1.1	0.5
1468	1/4/2014 20:31:05	8.88	50.95	33.14	9.79	7.89	4.8	1.146	104.6	1.2	0.7	0.3
1469	1/4/2014 20:46:05	8.88	50.93	33.13	9.93	7.89	4.7	1.231	106.1	1.8	1.0	0.4
1470	1/4/2014 21:01:05	8.86	50.88	33.09	10.20	7.91	4.9	1.337	108.9	1.5	0.9	0.3
1471	1/4/2014 21:16:05	8.86	50.90	33.11	10.09	7.90	5.4	1.424	107.7	1.8	1.0	0.4
1472	1/4/2014 21:31:05	8.62	50.51	32.80	9.90	7.86	7.0	1.516	104.9	1.5	0.9	0.4
1473	1/4/2014 21:46:05	8.70	50.58	32.86	9.91	7.87	6.2	1.621	105.2	1.1	0.6	0.3
1474	1/4/2014 22:01:05	8.78	50.74	32.98	9.89	7.88	5.3	1.709	105.4	1.0	0.6	0.2
1475	1/4/2014 22:16:05	8.80	50.78	33.02	9.88	7.88	5.0	1.816	105.3	1.7	1.0	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
1476	1/4/2014 22:31:05	8.79	50.78	33.02	9.92	7.88	5.3	1.923	105.7	1.5	0.9	0.4
1477	1/4/2014 22:46:05	8.80	50.79	33.02	9.97	7.89	5.5	2.035	106.2	2.2	1.3	0.5
1478	1/4/2014 23:01:05	8.86	50.84	33.06	10.00	7.89	6.3	2.152	106.7	1.6	0.9	0.4
1479	1/4/2014 23:16:05	8.94	50.90	33.11	9.98	7.90	6.2	2.272	106.7	1.8	1.0	0.4
1480	1/4/2014 23:31:05	8.97	50.94	33.14	9.94	7.89	7.3	2.395	106.4	2.3	1.3	0.5
1481	1/4/2014 23:46:05	8.98	50.96	33.16	9.87	7.88	8.1	2.508	105.6	1.9	1.1	0.5
1482	1/5/2014 0:01:05	8.98	50.97	33.16	9.84	7.88	9.0	2.628	105.4	2.1	1.2	0.5
1483	1/5/2014 0:16:05	9.01	50.98	33.18	9.79	7.87	10.3	2.735	105.0	2.2	1.3	0.5
1484	1/5/2014 0:31:05	9.03	51.00	33.19	9.77	7.87	10.1	2.848	104.7	1.8	1.0	0.4
1485	1/5/2014 0:46:05	9.05	51.04	33.23	9.74	7.87	11.8	2.956	104.5	2.2	1.3	0.5
1486	1/5/2014 1:01:05	9.05	51.09	33.26	9.64	7.86	13.4	3.056	103.5	2.6	1.5	0.6
1487	1/5/2014 1:16:05	9.03	51.11	33.27	9.58	7.86	13.6	3.172	102.8	2.4	1.4	0.6
1488	1/5/2014 1:31:05	9.01	51.14	33.29	9.52	7.85	13.3	3.276	102.0	2.5	1.4	0.6
1489	1/5/2014 1:46:05	9.02	51.15	33.30	9.47	7.85	12.8	3.379	101.6	2.7	1.5	0.6
1490	1/5/2014 2:01:05	9.02	51.16	33.31	9.41	7.85	10.3	3.483	100.9	2.6	1.5	0.6
1491	1/5/2014 2:16:05	9.02	51.18	33.32	9.33	7.85	9.4	3.573	100.1	2.2	1.3	0.5
1492	1/5/2014 2:31:05	9.00	51.19	33.33	9.26	7.84	6.9	3.649	99.3	2.2	1.3	0.5
1493	1/5/2014 2:46:05	8.88	51.17	33.31	9.30	7.85	4.6	3.707	99.5	2.0	1.1	0.5
1494	1/5/2014 3:01:05	8.84	51.12	33.26	9.17	7.85	3.7	3.748	98.0	1.8	1.0	0.4
1495	1/5/2014 3:16:05	8.55	51.16	33.27	9.18	7.84	3.8	3.771	97.5	1.5	0.9	0.4
1496	1/5/2014 3:31:05	8.73	51.09	33.24	9.38	7.84	4.8	3.763	99.9	1.8	1.0	0.4
1497	1/5/2014 3:46:05	8.86	51.15	33.28	9.38	7.85	4.7	3.718	100.2	2.3	1.3	0.5
1498	1/5/2014 4:01:05	8.84	51.16	33.29	9.39	7.85	6.4	3.658	100.3	2.0	1.1	0.5
1499	1/5/2014 4:16:05	8.84	51.15	33.29	9.29	7.84	4.8	3.591	99.3	1.4	0.8	0.3
1500	1/5/2014 4:31:05	8.76	51.13	33.26	9.40	7.85	5.5	3.485	100.3	2.2	1.3	0.5
1501	1/5/2014 4:46:05	8.88	51.17	33.31	9.32	7.85	5.4	3.375	99.7	1.6	0.9	0.4
1502	1/5/2014 5:01:05	8.85	51.15	33.29	9.37	7.85	6.8	3.280	100.1	1.7	1.0	0.4
1503	1/5/2014 5:16:05	8.69	51.09	33.23	9.46	7.85	6.8	3.179	100.7	1.7	1.0	0.4
1504	1/5/2014 5:31:05	8.64	51.08	33.22	9.46	7.85	6.7	3.069	100.5	1.6	0.9	0.4
1505	1/5/2014 5:46:05	8.72	51.09	33.24	9.44	7.85	5.9	2.961	100.6	1.6	0.9	0.4
1506	1/5/2014 6:01:05	8.72	51.09	33.23	9.42	7.85	5.1	2.861	100.3	3.1	1.8	0.7
1507	1/5/2014 6:16:05	8.63	51.07	33.21	9.47	7.85	6.8	2.772	100.6	1.7	1.0	0.4
1508	1/5/2014 6:31:05	8.58	51.08	33.22	9.42	7.85	5.1	2.672	100.0	1.5	0.9	0.3
1509	1/5/2014 6:46:05	8.55	51.12	33.24	9.44	7.85	5.7	2.578	100.2	1.8	1.0	0.4
1510	1/5/2014 7:01:05	8.62	51.08	33.22	9.36	7.84	4.2	2.478	99.4	0.9	0.5	0.2
1511	1/5/2014 7:16:05	8.55	51.09	33.22	9.34	7.84	4.3	2.393	99.1	1.7	1.0	0.4
1512	1/5/2014 7:31:05	8.53	51.06	33.19	9.40	7.85	3.9	2.314	99.7	1.6	0.9	0.4
1513	1/5/2014 7:46:05	8.47	51.07	33.19	9.40	7.85	3.8	2.232	99.6	1.7	1.0	0.4
1514	1/5/2014 8:01:05	8.37	51.08	33.19	9.43	7.84	3.6	2.162	99.7	1.0	0.6	0.2
1515	1/5/2014 8:16:05	8.33	51.04	33.16	9.38	7.84	3.6	2.106	99.0	1.3	0.7	0.3
1516	1/5/2014 8:31:05	8.36	51.03	33.16	9.40	7.85	5.6	2.087	99.2	1.3	0.7	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
1517	1/5/2014 8:46:05	8.32	51.02	33.15	9.38	7.85	5.0	2.059	99.0	1.8	1.0	0.4
1518	1/5/2014 9:01:05	8.34	51.03	33.16	9.43	7.85	3.4	2.057	99.5	1.5	0.9	0.4
1519	1/5/2014 9:16:05	8.41	50.98	33.12	9.52	7.86	3.2	2.108	100.6	1.5	0.9	0.4
1520	1/5/2014 9:31:05	8.43	50.95	33.10	9.59	7.86	3.7	2.153	101.4	1.6	0.9	0.4
1521	1/5/2014 9:46:05	8.42	50.92	33.09	9.63	7.87	3.6	2.213	101.8	1.5	0.9	0.4
1522	1/5/2014 10:01:05	8.46	50.94	33.10	9.63	7.86	3.9	2.290	101.9	1.0	0.6	0.2
1523	1/5/2014 10:16:05	8.45	50.97	33.12	9.56	7.86	5.0	2.386	101.2	1.2	0.7	0.3
1524	1/5/2014 10:31:05	8.57	51.02	33.17	9.53	7.86	4.8	2.478	101.1	1.4	0.8	0.3
1525	1/5/2014 10:46:05	8.61	51.04	33.18	9.52	7.86	4.3	2.554	101.1	1.3	0.7	0.3
1526	1/5/2014 11:01:05	8.61	51.02	33.17	9.53	7.86	4.1	2.642	101.2	1.7	1.0	0.4
1527	1/5/2014 11:16:05	8.62	51.01	33.17	9.52	7.86	4.1	2.729	101.2	1.3	0.7	0.3
1528	1/5/2014 11:31:05	8.72	51.05	33.20	9.50	7.86	4.1	2.798	101.2	1.4	0.8	0.3
1529	1/5/2014 11:46:05	8.80	51.06	33.22	9.49	7.86	4.0	2.883	101.3	1.6	0.9	0.4
1530	1/5/2014 12:01:05	8.82	51.08	33.23	9.46	7.86	4.2	2.961	101.0	1.2	0.7	0.3
1531	1/5/2014 12:16:05	8.84	51.08	33.24	9.44	7.86	4.8	3.050	100.9	2.0	1.1	0.5
1532	1/5/2014 12:31:05	8.86	51.09	33.24	9.43	7.86	4.7	3.129	100.8	1.2	0.7	0.3
1533	1/5/2014 12:46:05	8.88	51.09	33.25	9.41	7.86	5.6	3.213	100.6	1.8	1.0	0.4
1534	1/5/2014 13:01:05	8.88	51.13	33.27	9.37	7.85	5.4	3.303	100.1	2.2	1.3	0.5
1535	1/5/2014 13:16:05	8.90	51.14	33.28	9.34	7.86	5.8	3.382	99.9	1.9	1.1	0.4
1536	1/5/2014 13:31:05	8.93	51.16	33.30	9.30	7.85	4.9	3.462	99.6	2.0	1.1	0.5
1537	1/5/2014 13:46:05	8.97	51.17	33.31	9.26	7.86	4.5	3.526	99.2	1.8	1.0	0.4
1538	1/5/2014 14:01:05	8.99	51.17	33.31	9.24	7.85	3.9	3.587	99.1	2.1	1.2	0.5
1539	1/5/2014 14:16:05	9.02	51.17	33.32	9.27	7.85	6.5	3.636	99.5	1.7	1.0	0.4
1540	1/5/2014 14:31:05	9.07	51.15	33.30	9.35	7.86	12.7	3.661	100.4	1.7	1.0	0.4
1541	1/5/2014 14:46:05	9.10	51.11	33.28	9.08	7.85	2.9	3.681	97.6	1.7	1.0	0.4
1542	1/5/2014 15:01:05	9.09	51.12	33.29	9.36	7.86	2.6	3.669	100.6	1.9	1.1	0.4
1543	1/5/2014 15:16:05	9.05	51.14	33.29	9.32	7.86	3.6	3.638	100.1	1.4	0.8	0.3
1544	1/5/2014 15:31:05	9.07	51.13	33.29	9.44	7.86	3.3	3.591	101.4	1.9	1.1	0.5
1545	1/5/2014 15:46:05	9.12	51.09	33.26	9.66	7.88	3.8	3.509	103.8	1.8	1.0	0.4
1546	1/5/2014 16:01:05	9.04	51.11	33.27	9.56	7.87	3.9	3.417	102.5	1.3	0.7	0.3
1547	1/5/2014 16:16:05	9.07	51.10	33.27	9.61	7.87	4.0	3.320	103.1	1.5	0.9	0.4
1548	1/5/2014 16:31:05	9.14	51.05	33.24	9.81	7.89	3.6	3.216	105.5	1.4	0.8	0.3
1549	1/5/2014 16:46:05	9.04	51.08	33.25	9.65	7.88	6.5	3.109	103.6	1.6	0.9	0.4
1550	1/5/2014 17:01:05	9.02	51.06	33.24	9.67	7.88	4.9	2.987	103.7	2.0	1.1	0.5
1551	1/5/2014 17:16:05	9.00	51.07	33.24	9.75	7.88	5.1	2.870	104.5	1.6	0.9	0.4
1552	1/5/2014 17:31:05	9.10	51.00	33.20	9.97	7.91	3.7	2.769	107.1	1.4	0.8	0.3
1553	1/5/2014 17:46:05	9.04	51.00	33.19	10.17	7.92	5.4	2.647	109.1	1.5	0.9	0.4
1554	1/5/2014 18:01:05	8.92	51.04	33.21	9.66	7.88	3.9	2.518	103.4	1.2	0.7	0.3
1555	1/5/2014 18:16:05	8.86	51.06	33.22	9.55	7.87	4.8	2.387	102.0	1.9	1.1	0.4
1556	1/5/2014 18:31:05	8.82	51.07	33.23	9.56	7.88	4.8	2.267	102.0	1.9	1.1	0.5
1557	1/5/2014 18:46:05	8.82	51.03	33.20	9.62	7.88	5.1	2.127	102.6	1.8	1.0	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
1558	1/5/2014 19:01:05	8.80	51.01	33.18	9.70	7.88	6.8	1.990	103.5	1.7	1.0	0.4
1559	1/5/2014 19:16:05	8.77	50.99	33.16	9.78	7.89	6.1	1.860	104.2	1.4	0.8	0.3
1560	1/5/2014 19:31:05	8.79	50.98	33.16	9.81	7.89	5.3	1.741	104.6	1.5	0.9	0.4
1561	1/5/2014 19:46:05	8.80	50.96	33.15	9.83	7.89	5.6	1.624	104.8	1.3	0.7	0.3
1562	1/5/2014 20:01:05	8.79	50.97	33.15	9.82	7.89	4.9	1.513	104.7	1.8	1.0	0.4
1563	1/5/2014 20:16:05	8.79	50.97	33.15	9.79	7.89	4.8	1.439	104.4	1.7	1.0	0.4
1564	1/5/2014 20:31:05	8.77	50.98	33.16	9.73	7.89	9.2	1.376	103.7	1.5	0.9	0.4
1565	1/5/2014 20:46:05	8.68	50.99	33.16	9.69	7.88	4.0	1.355	103.1	1.6	0.9	0.4
1566	1/5/2014 21:01:05	8.75	50.97	33.15	9.78	7.89	3.9	1.357	104.2	1.7	1.0	0.4
1567	1/5/2014 21:16:05	8.75	50.97	33.15	9.80	7.89	3.9	1.392	104.4	1.2	0.7	0.3
1568	1/5/2014 21:31:05	8.76	50.95	33.14	9.93	7.90	4.0	1.458	105.8	2.0	1.1	0.5
1569	1/5/2014 21:46:05	8.75	50.92	33.11	10.13	7.91	3.9	1.532	107.9	1.3	0.7	0.3
1570	1/5/2014 22:01:05	8.76	50.93	33.12	10.14	7.91	4.0	1.637	108.0	1.4	0.8	0.3
1571	1/5/2014 22:16:05	8.47	50.74	32.96	10.17	7.90	5.6	1.720	107.6	1.6	0.9	0.4
1572	1/5/2014 22:31:05	8.49	50.75	32.96	10.18	7.90	5.2	1.810	107.7	1.3	0.7	0.3
1573	1/5/2014 22:46:05	8.57	50.84	33.04	10.04	7.90	4.7	1.905	106.4	1.2	0.7	0.3
1574	1/5/2014 23:01:06	8.59	50.85	33.05	10.00	7.89	4.5	1.999	106.0	1.6	0.9	0.4
1575	1/5/2014 23:16:05	8.60	50.85	33.05	10.03	7.90	4.2	2.111	106.4	1.2	0.7	0.3
1576	1/5/2014 23:31:05	8.60	50.84	33.04	10.09	7.90	4.5	2.205	107.0	0.9	0.5	0.2
1577	1/5/2014 23:46:05	8.66	50.87	33.07	10.05	7.90	4.5	2.309	106.8	1.6	0.9	0.4
1578	1/6/2014 0:01:05	8.78	50.92	33.12	9.93	7.89	4.8	2.421	105.8	1.9	1.1	0.5
1579	1/6/2014 0:16:05	8.82	50.95	33.14	9.84	7.89	6.1	2.531	105.0	1.8	1.0	0.4
1580	1/6/2014 0:31:05	8.83	50.98	33.16	9.79	7.88	6.6	2.637	104.5	1.8	1.0	0.4
1581	1/6/2014 0:46:05	8.83	50.97	33.16	9.74	7.88	6.7	2.731	103.9	1.7	1.0	0.4
1582	1/6/2014 1:01:05	8.85	51.00	33.18	9.69	7.88	7.8	2.843	103.5	1.8	1.0	0.4
1583	1/6/2014 1:16:05	8.86	51.01	33.18	9.64	7.87	8.2	2.934	103.0	2.1	1.2	0.5
1584	1/6/2014 1:31:05	8.87	51.01	33.19	9.61	7.87	8.0	3.034	102.7	2.0	1.1	0.5
1585	1/6/2014 1:46:05	8.90	51.06	33.22	9.55	7.87	8.9	3.140	102.1	2.0	1.1	0.5
1586	1/6/2014 2:01:05	8.90	51.08	33.24	9.47	7.86	9.1	3.246	101.2	1.4	0.8	0.3
1587	1/6/2014 2:16:05	8.89	51.13	33.27	9.35	7.85	9.7	3.352	100.0	2.2	1.3	0.5
1588	1/6/2014 2:31:05	8.89	51.16	33.29	9.28	7.85	8.6	3.448	99.3	1.9	1.1	0.4
1589	1/6/2014 2:46:05	8.90	51.17	33.30	9.24	7.85	8.4	3.545	98.9	2.0	1.1	0.5
1590	1/6/2014 3:01:05	8.92	51.16	33.30	9.21	7.85	6.9	3.631	98.6	1.9	1.1	0.5
1591	1/6/2014 3:16:05	8.93	51.17	33.31	9.16	7.86	4.2	3.688	98.1	2.1	1.2	0.5
1592	1/6/2014 3:31:05	8.78	51.15	33.28	9.18	7.85	3.6	3.753	97.9	1.7	1.0	0.4
1593	1/6/2014 3:46:05	8.72	51.23	33.33	9.10	7.85	2.8	3.795	96.9	1.7	1.0	0.4
1594	1/6/2014 4:01:06	8.49	51.01	33.15	9.31	7.85	3.3	3.804	98.6	1.6	0.9	0.4
1595	1/6/2014 4:16:05	8.70	51.06	33.21	9.34	7.85	3.9	3.803	99.4	1.7	1.0	0.4
1596	1/6/2014 4:31:05	8.86	51.16	33.30	9.18	7.85	3.9	3.771	98.1	1.8	1.0	0.4
1597	1/6/2014 4:46:05	8.76	51.13	33.26	9.25	7.85	3.6	3.711	98.6	1.9	1.1	0.4
1598	1/6/2014 5:01:05	8.73	51.13	33.26	9.26	7.85	3.7	3.634	98.7	1.5	0.9	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
1599	1/6/2014 5:16:05	8.86	51.16	33.30	9.17	7.85	4.5	3.557	98.0	1.6	0.9	0.4
1600	1/6/2014 5:31:05	8.80	51.14	33.28	9.21	7.85	4.6	3.447	98.3	1.9	1.1	0.5
1601	1/6/2014 5:46:05	8.73	51.11	33.25	9.24	7.85	5.0	3.351	98.5	1.8	1.0	0.4
1602	1/6/2014 6:01:05	8.57	51.03	33.18	9.34	7.85	4.1	3.245	99.1	1.0	0.6	0.2
1603	1/6/2014 6:16:05	8.62	51.06	33.20	9.33	7.85	5.7	3.147	99.1	2.0	1.1	0.5
1604	1/6/2014 6:31:05	8.64	51.11	33.24	9.31	7.85	5.3	3.031	98.9	1.6	0.9	0.4
1605	1/6/2014 6:46:05	8.64	51.09	33.22	9.33	7.85	4.4	2.941	99.2	1.3	0.7	0.3
1606	1/6/2014 7:01:05	8.65	51.10	33.23	9.26	7.84	3.6	2.831	98.4	1.7	1.0	0.4
1607	1/6/2014 7:16:05	8.64	51.10	33.23	9.28	7.85	4.0	2.744	98.7	1.6	0.9	0.4
1608	1/6/2014 7:31:05	8.61	51.11	33.24	9.24	7.84	3.7	2.648	98.2	1.7	1.0	0.4
1609	1/6/2014 7:46:05	8.62	51.10	33.23	9.29	7.85	3.2	2.554	98.8	1.0	0.6	0.2
1610	1/6/2014 8:01:05	8.57	51.10	33.22	9.24	7.84	3.1	2.465	98.0	0.9	0.5	0.2
1611	1/6/2014 8:16:05	8.53	51.07	33.20	9.28	7.85	3.3	2.369	98.4	1.3	0.7	0.3
1612	1/6/2014 8:31:05	8.48	51.08	33.20	9.31	7.85	3.1	2.286	98.6	1.3	0.7	0.3
1613	1/6/2014 8:46:05	8.44	51.06	33.19	9.36	7.85	5.1	2.215	99.0	1.6	0.9	0.4
1614	1/6/2014 9:01:05	8.41	51.05	33.18	9.39	7.85	3.1	2.137	99.3	1.3	0.7	0.3
1615	1/6/2014 9:16:05	8.44	50.99	33.14	9.49	7.86	3.2	2.095	100.4	1.6	0.9	0.4
1616	1/6/2014 9:31:05	8.43	51.00	33.14	9.44	7.86	3.2	2.066	99.9	2.3	1.3	0.5
1617	1/6/2014 9:46:06	8.44	51.01	33.15	9.38	7.85	3.1	2.033	99.3	1.4	0.8	0.3
1618	1/6/2014 10:01:05	8.43	50.98	33.13	9.50	7.86	3.0	2.041	100.5	1.9	1.1	0.4
1619	1/6/2014 10:16:05	8.44	50.98	33.13	9.52	7.86	2.8	2.071	100.7	2.0	1.1	0.5
1620	1/6/2014 10:31:05	8.46	50.95	33.11	9.58	7.87	2.8	2.114	101.3	1.5	0.9	0.3
1621	1/6/2014 10:46:05	8.44	50.94	33.10	9.61	7.87	2.7	2.152	101.6	0.9	0.5	0.2
1622	1/6/2014 11:01:06	8.44	50.92	33.09	9.65	7.87	2.9	2.233	102.0	1.9	1.1	0.5
1623	1/6/2014 11:16:06	8.46	50.93	33.09	9.64	7.87	3.2	2.316	102.0	1.5	0.9	0.4
1624	1/6/2014 11:31:06	8.50	50.96	33.12	9.55	7.86	3.6	2.382	101.1	1.4	0.8	0.3
1625	1/6/2014 11:46:06	8.53	51.00	33.15	9.44	7.85	3.2	2.464	100.1	1.6	0.9	0.4
1626	1/6/2014 12:01:05	8.55	51.00	33.15	9.45	7.86	3.3	2.536	100.2	1.3	0.7	0.3
1627	1/6/2014 12:16:06	8.54	50.99	33.14	9.45	7.85	3.2	2.609	100.2	2.1	1.2	0.5
1628	1/6/2014 12:31:05	8.55	50.98	33.14	9.47	7.86	3.2	2.685	100.4	2.0	1.1	0.5
1629	1/6/2014 12:46:05	8.63	51.00	33.16	9.43	7.86	3.1	2.737	100.2	1.6	0.9	0.4
1630	1/6/2014 13:01:05	8.67	51.01	33.17	9.42	7.86	2.8	2.815	100.2	1.7	1.0	0.4
1631	1/6/2014 13:16:05	8.70	51.03	33.18	9.40	7.86	3.0	2.884	100.1	1.4	0.8	0.3
1632	1/6/2014 13:31:05	8.72	51.03	33.19	9.41	7.86	2.9	2.942	100.2	1.5	0.9	0.4
1633	1/6/2014 13:46:05	8.75	51.03	33.19	9.39	7.86	3.2	3.014	100.0	1.8	1.0	0.4
1634	1/6/2014 14:01:05	8.75	51.03	33.19	9.36	7.86	3.1	3.081	99.7	1.8	1.0	0.4
1635	1/6/2014 14:16:05	8.77	51.04	33.20	9.33	7.86	3.2	3.148	99.5	1.6	0.9	0.4
1636	1/6/2014 14:31:05	8.77	51.06	33.21	9.28	7.85	3.2	3.226	98.9	2.1	1.2	0.5
1637	1/6/2014 14:46:05	8.77	51.06	33.21	9.25	7.85	3.1	3.279	98.6	1.4	0.8	0.3
1638	1/6/2014 15:01:05	8.78	51.07	33.22	9.21	7.85	2.7	3.339	98.3	1.6	0.9	0.4
1639	1/6/2014 15:16:05	8.80	51.08	33.23	9.19	7.85	3.2	3.386	98.0	1.8	1.0	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
1640	1/6/2014 15:31:05	8.80	51.08	33.23	9.08	7.85	2.5	3.404	96.9	1.5	0.9	0.3
1641	1/6/2014 15:46:05	8.79	51.08	33.23	9.15	7.85	4.4	3.417	97.6	1.6	0.9	0.4
1642	1/6/2014 16:01:05	8.81	51.06	33.22	9.30	7.86	2.3	3.410	99.2	1.3	0.7	0.3
1643	1/6/2014 16:16:05	8.77	51.02	33.18	9.79	7.90	3.6	3.367	104.3	1.7	1.0	0.4
1644	1/6/2014 16:31:06	8.77	51.05	33.21	9.37	7.86	2.7	3.327	99.8	2.0	1.1	0.5
1645	1/6/2014 16:46:05	8.77	51.03	33.19	9.45	7.87	2.7	3.262	100.7	2.1	1.2	0.5
1646	1/6/2014 17:01:05	8.79	51.01	33.18	9.74	7.89	3.3	3.172	103.9	1.7	1.0	0.4
1647	1/6/2014 17:16:05	8.75	51.02	33.18	9.47	7.87	2.9	3.101	100.9	1.4	0.8	0.3
1648	1/6/2014 17:31:05	8.75	50.99	33.16	9.57	7.87	3.4	3.010	102.0	1.6	0.9	0.4
1649	1/6/2014 17:46:05	8.74	51.00	33.17	9.64	7.88	3.1	2.912	102.7	1.5	0.9	0.3
1650	1/6/2014 18:01:06	8.76	50.97	33.15	9.86	7.89	6.0	2.820	105.1	2.1	1.2	0.5
1651	1/6/2014 18:16:05	8.76	50.98	33.16	9.88	7.90	3.7	2.733	105.3	1.9	1.1	0.5
1652	1/6/2014 18:31:05	8.78	50.97	33.15	9.99	7.91	3.4	2.634	106.5	1.4	0.8	0.3
1653	1/6/2014 18:46:05	8.74	50.98	33.15	9.88	7.89	3.8	2.531	105.2	1.9	1.1	0.4
1654	1/6/2014 19:01:05	8.71	50.97	33.14	9.71	7.88	3.4	2.430	103.3	1.4	0.8	0.3
1655	1/6/2014 19:16:05	8.66	50.98	33.15	9.53	7.88	3.8	2.326	101.4	1.9	1.1	0.5
1656	1/6/2014 19:31:05	8.62	50.98	33.15	9.39	7.86	3.8	2.212	99.8	1.5	0.9	0.4
1657	1/6/2014 19:46:05	8.59	50.99	33.15	9.35	7.86	4.0	2.106	99.3	1.8	1.0	0.4
1658	1/6/2014 20:01:05	8.55	50.99	33.14	9.35	7.86	4.2	1.994	99.1	1.7	1.0	0.4
1659	1/6/2014 20:16:06	8.53	50.97	33.13	9.37	7.86	4.3	1.906	99.3	1.3	0.7	0.3
1660	1/6/2014 20:31:06	8.50	50.97	33.13	9.36	7.86	4.3	1.811	99.1	2.1	1.2	0.5
1661	1/6/2014 20:46:06	8.47	50.98	33.13	9.35	7.86	4.0	1.732	99.0	2.0	1.1	0.5
1662	1/6/2014 21:01:05	8.47	50.95	33.11	9.38	7.86	3.4	1.679	99.2	2.2	1.3	0.5
1663	1/6/2014 21:16:05	8.44	50.96	33.12	9.29	7.86	3.8	1.636	98.3	1.7	1.0	0.4
1664	1/6/2014 21:31:05	8.42	50.99	33.13	9.24	7.85	3.2	1.623	97.7	1.7	1.0	0.4
1665	1/6/2014 21:46:06	8.45	50.97	33.12	9.36	7.86	3.6	1.629	99.0	1.5	0.9	0.4
1666	1/6/2014 22:01:06	8.47	50.96	33.12	9.45	7.86	3.3	1.650	100.1	1.0	0.6	0.2
1667	1/6/2014 22:16:05	8.49	50.95	33.11	9.50	7.87	3.2	1.695	100.6	1.1	0.6	0.3
1668	1/6/2014 22:31:05	8.47	50.95	33.11	9.54	7.87	3.4	1.757	100.9	1.3	0.7	0.3
1669	1/6/2014 22:46:05	8.47	50.94	33.10	9.62	7.88	3.3	1.827	101.8	1.5	0.9	0.3
1670	1/6/2014 23:01:05	8.24	50.83	33.00	9.81	7.88	4.2	1.906	103.2	1.4	0.8	0.3
1671	1/6/2014 23:16:05	8.07	50.74	32.92	9.95	7.88	4.5	1.989	104.3	1.7	1.0	0.4
1672	1/6/2014 23:31:05	8.29	50.85	33.02	9.75	7.88	3.7	2.075	102.7	1.5	0.9	0.3
1673	1/6/2014 23:46:05	8.31	50.87	33.03	9.71	7.87	3.5	2.156	102.4	2.1	1.2	0.5
1674	1/7/2014 0:01:05	8.33	50.88	33.05	9.70	7.87	3.4	2.246	102.3	1.4	0.8	0.3
1675	1/7/2014 0:16:05	8.36	50.88	33.05	9.70	7.88	3.4	2.337	102.4	1.8	1.0	0.4
1676	1/7/2014 0:31:05	8.38	50.89	33.06	9.67	7.87	3.4	2.423	102.1	1.5	0.9	0.4
1677	1/7/2014 0:46:05	8.50	50.93	33.10	9.56	7.87	4.4	2.516	101.3	2.3	1.3	0.5
1678	1/7/2014 1:01:05	8.55	50.95	33.12	9.50	7.87	4.0	2.613	100.8	1.9	1.1	0.5
1679	1/7/2014 1:16:05	8.58	50.97	33.13	9.48	7.87	4.7	2.703	100.6	1.9	1.1	0.5
1680	1/7/2014 1:31:05	8.58	50.98	33.14	9.45	7.87	6.9	2.797	100.2	1.7	1.0	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
1681	1/7/2014 1:46:05	8.60	50.98	33.14	9.43	7.86	5.9	2.895	100.1	1.6	0.9	0.4
1682	1/7/2014 2:01:05	8.62	51.00	33.16	9.35	7.86	7.6	3.000	99.3	1.9	1.1	0.4
1683	1/7/2014 2:16:05	8.63	50.99	33.15	9.31	7.86	7.0	3.086	98.9	2.3	1.3	0.5
1684	1/7/2014 2:31:05	8.68	51.04	33.19	9.27	7.85	6.8	3.197	98.7	1.4	0.8	0.3
1685	1/7/2014 2:46:05	8.73	51.07	33.22	9.22	7.85	7.1	3.297	98.2	1.9	1.1	0.4
1686	1/7/2014 3:01:05	8.73	51.09	33.24	9.17	7.85	7.9	3.386	97.7	2.3	1.3	0.6
1687	1/7/2014 3:16:05	8.75	51.11	33.25	9.15	7.85	6.2	3.485	97.5	2.0	1.1	0.5
1688	1/7/2014 3:31:05	8.78	51.10	33.25	9.14	7.85	5.4	3.572	97.5	2.2	1.3	0.5
1689	1/7/2014 3:46:05	8.79	51.11	33.25	9.13	7.85	5.1	3.640	97.4	2.7	1.5	0.6
1690	1/7/2014 4:01:05	8.63	51.08	33.22	9.13	7.85	3.7	3.701	97.1	1.9	1.1	0.5
1691	1/7/2014 4:16:05	8.61	51.08	33.22	9.07	7.85	3.3	3.767	96.4	1.9	1.1	0.4
1692	1/7/2014 4:31:05	8.85	51.10	33.25	9.09	7.85	3.1	3.801	97.1	1.9	1.1	0.4
1693	1/7/2014 4:46:05	8.27	51.41	33.43	9.12	7.84	2.8	3.808	96.3	2.6	1.5	0.6
1694	1/7/2014 5:01:05	8.43	51.00	33.14	9.10	7.84	2.9	3.817	96.2	2.1	1.2	0.5
1695	1/7/2014 5:16:05	8.55	51.07	33.20	9.12	7.84	4.0	3.782	96.8	1.8	1.0	0.4
1696	1/7/2014 5:31:05	8.54	51.06	33.19	9.11	7.84	2.8	3.734	96.6	2.0	1.1	0.5
1697	1/7/2014 5:46:05	8.65	51.11	33.24	9.05	7.84	3.2	3.659	96.3	2.1	1.2	0.5
1698	1/7/2014 6:01:05	8.59	51.11	33.24	9.09	7.84	4.5	3.574	96.6	1.9	1.1	0.4
1699	1/7/2014 6:16:05	8.73	51.14	33.27	9.09	7.84	4.2	3.482	96.8	1.9	1.1	0.4
1700	1/7/2014 6:31:05	8.59	51.10	33.23	9.12	7.84	3.5	3.381	96.8	1.7	1.0	0.4
1701	1/7/2014 6:46:06	8.52	51.10	33.22	9.14	7.84	3.4	3.286	96.9	1.3	0.7	0.3
1702	1/7/2014 7:01:06	8.28	51.05	33.17	9.16	7.84	3.7	3.189	96.6	1.7	1.0	0.4
1703	1/7/2014 7:16:05	8.53	51.09	33.21	9.13	7.84	5.5	3.086	96.8	2.1	1.2	0.5
1704	1/7/2014 7:31:05	8.45	51.10	33.21	9.10	7.84	3.7	2.996	96.3	2.2	1.3	0.5
1705	1/7/2014 7:46:06	8.51	51.09	33.21	9.12	7.84	4.0	2.916	96.7	1.5	0.9	0.4
1706	1/7/2014 8:01:05	8.48	51.05	33.18	9.10	7.84	3.1	2.795	96.4	1.9	1.1	0.5
1707	1/7/2014 8:16:05	8.35	51.07	33.19	9.10	7.83	2.9	2.702	96.1	2.0	1.1	0.5
1708	1/7/2014 8:31:05	8.42	51.09	33.21	9.11	7.84	2.6	2.638	96.4	1.6	0.9	0.4
1709	1/7/2014 8:46:05	8.39	51.03	33.16	9.21	7.84	3.2	2.532	97.4	1.7	1.0	0.4
1710	1/7/2014 9:01:05	8.38	51.05	33.18	9.24	7.84	2.8	2.432	97.7	1.4	0.8	0.3
1711	1/7/2014 9:16:05	8.37	51.07	33.18	9.34	7.85	2.6	2.361	98.7	1.6	0.9	0.4
1712	1/7/2014 9:31:05	8.36	51.04	33.17	9.38	7.85	2.5	2.276	99.1	2.1	1.2	0.5
1713	1/7/2014 9:46:05	8.37	51.05	33.17	9.43	7.86	2.4	2.191	99.7	1.8	1.0	0.4
1714	1/7/2014 10:01:05	8.39	51.04	33.17	9.49	7.86	2.3	2.126	100.3	1.7	1.0	0.4
1715	1/7/2014 10:16:06	8.31	51.02	33.15	9.47	7.86	2.2	2.070	99.9	1.6	0.9	0.4
1716	1/7/2014 10:31:05	8.35	51.01	33.14	9.59	7.87	2.4	2.030	101.2	1.9	1.1	0.5
1717	1/7/2014 10:46:05	8.35	51.00	33.14	9.48	7.86	2.2	2.010	100.1	1.5	0.9	0.4
1718	1/7/2014 11:01:05	8.36	51.02	33.15	9.54	7.86	2.3	1.988	100.8	1.4	0.8	0.3
1719	1/7/2014 11:16:05	8.32	50.99	33.12	9.44	7.85	2.3	2.014	99.6	1.4	0.8	0.3
1720	1/7/2014 11:31:05	8.33	50.99	33.12	9.43	7.86	2.5	2.039	99.5	1.5	0.9	0.4
1721	1/7/2014 11:46:05	8.31	50.98	33.12	9.39	7.85	2.3	2.067	99.0	1.7	1.0	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
1722	1/7/2014 12:01:06	8.26	50.97	33.11	9.38	7.85	2.6	2.139	98.8	1.2	0.7	0.3
1723	1/7/2014 12:16:06	8.27	50.96	33.10	9.38	7.85	2.3	2.192	98.9	1.2	0.7	0.3
1724	1/7/2014 12:31:05	8.13	50.90	33.04	9.41	7.85	2.8	2.268	98.8	1.1	0.6	0.2
1725	1/7/2014 12:46:05	8.25	50.94	33.08	9.36	7.85	2.8	2.332	98.5	1.9	1.1	0.4
1726	1/7/2014 13:01:05	8.36	50.97	33.12	9.32	7.85	2.8	2.397	98.4	1.4	0.8	0.3
1727	1/7/2014 13:16:05	8.40	50.98	33.13	9.28	7.84	2.6	2.459	98.1	1.7	1.0	0.4
1728	1/7/2014 13:31:05	8.39	50.98	33.12	9.29	7.85	2.4	2.525	98.1	1.4	0.8	0.3
1729	1/7/2014 13:46:05	8.35	50.97	33.11	9.29	7.85	2.6	2.590	98.1	2.0	1.1	0.5
1730	1/7/2014 14:01:05	8.30	50.95	33.10	9.31	7.85	2.4	2.639	98.1	1.3	0.7	0.3
1731	1/7/2014 14:16:05	8.31	50.95	33.10	9.31	7.85	2.6	2.720	98.1	1.7	1.0	0.4
1732	1/7/2014 14:31:05	8.37	50.97	33.12	9.27	7.85	2.8	2.773	97.9	1.5	0.9	0.4
1733	1/7/2014 14:46:05	8.44	50.98	33.13	9.26	7.85	2.5	2.828	97.9	1.8	1.0	0.4
1734	1/7/2014 15:01:05	8.45	50.99	33.14	9.22	7.85	2.4	2.891	97.6	1.8	1.0	0.4
1735	1/7/2014 15:16:05	8.50	51.00	33.15	9.23	7.85	2.5	2.948	97.7	1.8	1.0	0.4
1736	1/7/2014 15:31:05	8.50	51.00	33.15	9.20	7.85	2.4	3.005	97.5	1.4	0.8	0.3
1737	1/7/2014 15:46:05	8.51	50.99	33.15	9.19	7.85	2.3	3.039	97.3	1.6	0.9	0.4
1738	1/7/2014 16:01:05	8.53	51.00	33.15	9.16	7.85	2.5	3.098	97.1	1.3	0.7	0.3
1739	1/7/2014 16:16:05	8.56	51.01	33.16	9.13	7.85	2.3	3.134	96.9	1.7	1.0	0.4
1740	1/7/2014 16:31:05	8.57	51.01	33.16	9.09	7.84	2.3	3.159	96.4	1.5	0.9	0.4
1741	1/7/2014 16:46:05	8.61	50.93	33.11	9.03	7.84	3.1	3.183	95.9	1.5	0.9	0.4
1742	1/7/2014 17:01:05	8.56	50.98	33.14	9.32	7.86	2.1	3.203	98.9	1.8	1.0	0.4
1743	1/7/2014 17:16:05	8.50	50.97	33.12	9.23	7.86	2.2	3.179	97.8	1.0	0.6	0.2
1744	1/7/2014 17:31:05	8.56	51.00	33.15	9.11	7.84	4.2	3.151	96.7	1.8	1.0	0.4
1745	1/7/2014 17:46:05	8.53	50.98	33.13	9.14	7.85	2.3	3.122	96.9	1.7	1.0	0.4
1746	1/7/2014 18:01:05	8.55	50.97	33.13	9.23	7.86	2.5	3.055	97.9	2.0	1.1	0.5
1747	1/7/2014 18:16:05	8.56	50.93	33.10	9.41	7.86	3.1	2.982	99.8	1.5	0.9	0.4
1748	1/7/2014 18:31:05	8.63	50.95	33.12	9.61	7.88	3.1	2.909	102.1	1.8	1.0	0.4
1749	1/7/2014 18:46:05	8.60	50.95	33.12	9.50	7.87	2.9	2.837	100.8	1.8	1.0	0.4
1750	1/7/2014 19:01:05	8.60	50.94	33.11	9.54	7.87	3.2	2.738	101.3	1.6	0.9	0.4
1751	1/7/2014 19:16:05	8.61	50.95	33.12	9.56	7.88	3.0	2.674	101.5	1.9	1.1	0.4
1752	1/7/2014 19:31:05	8.62	50.94	33.11	9.60	7.88	2.8	2.599	102.0	2.0	1.1	0.5
1753	1/7/2014 19:46:05	8.64	50.91	33.10	9.79	7.89	2.7	2.505	104.0	1.1	0.6	0.3
1754	1/7/2014 20:01:05	8.67	50.91	33.10	9.86	7.90	2.6	2.430	104.8	1.7	1.0	0.4
1755	1/7/2014 20:16:05	8.51	50.91	33.09	9.63	7.88	3.4	2.347	102.0	1.0	0.6	0.2
1756	1/7/2014 20:31:05	8.45	50.95	33.11	9.48	7.86	3.1	2.263	100.3	1.2	0.7	0.3
1757	1/7/2014 20:46:05	8.45	50.93	33.09	9.30	7.85	3.1	2.192	98.3	1.6	0.9	0.4
1758	1/7/2014 21:01:05	8.42	50.92	33.08	9.27	7.85	3.1	2.113	98.0	1.7	1.0	0.4
1759	1/7/2014 21:16:05	8.39	50.95	33.10	9.28	7.85	2.9	2.042	98.0	1.6	0.9	0.4
1760	1/7/2014 21:31:05	8.40	50.93	33.09	9.19	7.84	2.8	1.993	97.1	1.7	1.0	0.4
1761	1/7/2014 21:46:05	8.39	50.93	33.09	9.20	7.85	2.9	1.937	97.2	2.0	1.1	0.5
1762	1/7/2014 22:01:06	8.42	50.90	33.07	9.16	7.84	2.6	1.908	96.8	1.8	1.0	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
1763	1/7/2014 22:16:06	8.40	50.93	33.09	9.00	7.84	3.1	1.881	95.1	2.1	1.2	0.5
1764	1/7/2014 22:31:05	8.45	50.92	33.09	9.21	7.85	2.8	1.899	97.4	1.4	0.8	0.3
1765	1/7/2014 22:46:05	8.41	50.92	33.08	9.27	7.85	2.8	1.905	97.9	1.6	0.9	0.4
1766	1/7/2014 23:01:05	8.42	50.91	33.08	9.28	7.85	3.0	1.927	98.1	1.1	0.6	0.3
1767	1/7/2014 23:16:05	8.43	50.91	33.08	9.28	7.85	3.4	1.983	98.1	1.3	0.7	0.3
1768	1/7/2014 23:31:05	8.39	50.90	33.07	9.29	7.85	3.1	2.043	98.1	2.0	1.1	0.5
1769	1/7/2014 23:46:05	8.39	50.90	33.06	9.31	7.85	3.4	2.108	98.3	1.8	1.0	0.4
1770	1/8/2014 0:01:05	8.16	50.76	32.94	9.66	7.87	3.9	2.175	101.4	1.7	1.0	0.4
1771	1/8/2014 0:16:05	8.29	50.81	32.99	9.55	7.86	3.6	2.256	100.6	1.7	1.0	0.4
1772	1/8/2014 0:31:05	8.39	50.85	33.03	9.48	7.86	3.6	2.323	100.1	1.8	1.0	0.4
1773	1/8/2014 0:46:05	8.38	50.85	33.03	9.47	7.86	3.6	2.394	100.0	1.4	0.8	0.3
1774	1/8/2014 1:01:05	8.34	50.84	33.02	9.52	7.87	3.4	2.478	100.4	1.6	0.9	0.4
1775	1/8/2014 1:16:05	8.32	50.85	33.02	9.47	7.86	3.2	2.555	99.8	1.4	0.8	0.3
1776	1/8/2014 1:31:05	8.36	50.87	33.05	9.34	7.85	3.0	2.626	98.6	1.7	1.0	0.4
1777	1/8/2014 1:46:05	8.43	50.91	33.08	9.26	7.85	3.2	2.707	97.9	2.0	1.1	0.5
1778	1/8/2014 2:01:05	8.46	50.93	33.09	9.21	7.85	3.5	2.782	97.5	2.0	1.1	0.5
1779	1/8/2014 2:16:05	8.48	50.94	33.10	9.21	7.84	4.5	2.876	97.5	1.7	1.0	0.4
1780	1/8/2014 2:31:05	8.49	50.95	33.11	9.19	7.84	4.6	2.956	97.3	2.3	1.3	0.5
1781	1/8/2014 2:46:05	8.52	50.96	33.12	9.18	7.84	4.8	3.049	97.3	1.3	0.7	0.3
1782	1/8/2014 3:01:05	8.57	50.98	33.14	9.14	7.84	5.1	3.139	96.9	1.8	1.0	0.4
1783	1/8/2014 3:16:05	8.59	50.99	33.15	9.10	7.84	5.4	3.228	96.6	2.3	1.3	0.5
1784	1/8/2014 3:31:05	8.68	51.00	33.17	9.08	7.84	5.9	3.324	96.6	1.5	0.9	0.4
1785	1/8/2014 3:46:05	8.75	51.01	33.18	9.04	7.84	5.6	3.401	96.3	2.2	1.3	0.5
1786	1/8/2014 4:01:05	8.80	51.02	33.19	9.04	7.84	5.5	3.487	96.4	2.1	1.2	0.5
1787	1/8/2014 4:16:05	8.86	51.02	33.20	9.05	7.84	4.5	3.572	96.7	1.7	1.0	0.4
1788	1/8/2014 4:31:05	8.89	51.02	33.20	9.05	7.84	4.3	3.627	96.8	1.6	0.9	0.4
1789	1/8/2014 4:46:05	8.91	51.03	33.20	9.03	7.84	3.6	3.691	96.6	1.9	1.1	0.4
1790	1/8/2014 5:01:05	8.87	51.03	33.20	9.00	7.84	3.1	3.738	96.2	2.1	1.2	0.5
1791	1/8/2014 5:16:05	8.83	50.98	33.16	8.96	7.83	2.9	3.773	95.6	2.1	1.2	0.5
1792	1/8/2014 5:31:05	8.56	50.99	33.14	8.88	7.83	2.7	3.790	94.1	1.9	1.1	0.4
1793	1/8/2014 5:46:05	8.56	50.95	33.12	8.97	7.83	2.5	3.786	95.1	2.0	1.1	0.5
1794	1/8/2014 6:01:06	8.90	51.01	33.19	9.00	7.84	3.2	3.750	96.2	1.9	1.1	0.5
1795	1/8/2014 6:16:05	8.64	50.97	33.14	8.98	7.83	2.9	3.725	95.4	1.7	1.0	0.4
1796	1/8/2014 6:31:05	8.67	50.99	33.16	8.96	7.83	2.6	3.657	95.3	1.7	1.0	0.4
1797	1/8/2014 6:46:05	8.67	50.98	33.15	8.97	7.83	3.3	3.584	95.4	1.7	1.0	0.4
1798	1/8/2014 7:01:05	8.82	51.01	33.18	8.97	7.83	3.0	3.506	95.7	2.1	1.2	0.5
1799	1/8/2014 7:16:05	8.65	50.96	33.13	8.96	7.83	2.4	3.409	95.2	2.1	1.2	0.5
1800	1/8/2014 7:31:05	8.61	50.97	33.14	8.96	7.83	2.4	3.319	95.1	1.6	0.9	0.4
1801	1/8/2014 7:46:05	8.57	50.94	33.11	8.95	7.83	2.7	3.224	94.9	1.2	0.7	0.3
1802	1/8/2014 8:01:05	8.63	50.95	33.13	8.96	7.83	3.1	3.139	95.1	1.8	1.0	0.4
1803	1/8/2014 8:16:05	8.70	50.98	33.15	8.95	7.83	2.9	3.048	95.2	1.4	0.8	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
1804	1/8/2014 8:31:05	8.67	50.95	33.13	8.92	7.83	2.8	2.958	94.9	1.4	0.8	0.3
1805	1/8/2014 8:46:05	8.62	50.92	33.10	8.89	7.82	2.5	2.873	94.4	1.2	0.7	0.3
1806	1/8/2014 9:01:05	8.65	50.93	33.11	8.94	7.83	2.2	2.788	95.0	0.8	0.5	0.2
1807	1/8/2014 9:16:05	8.67	50.94	33.12	9.00	7.83	2.1	2.688	95.7	1.0	0.6	0.2
1808	1/8/2014 9:31:05	8.62	50.94	33.12	9.07	7.83	2.3	2.618	96.3	1.3	0.7	0.3
1809	1/8/2014 9:46:05	8.63	50.94	33.12	9.20	7.84	2.2	2.513	97.7	1.5	0.9	0.4
1810	1/8/2014 10:01:05	8.70	50.94	33.12	9.31	7.85	2.1	2.420	99.1	1.5	0.9	0.3
1811	1/8/2014 10:16:05	8.70	50.97	33.14	9.54	7.86	2.2	2.334	101.5	0.9	0.5	0.2
1812	1/8/2014 10:31:05	8.67	50.91	33.10	9.36	7.86	2.5	2.245	99.5	0.9	0.5	0.2
1813	1/8/2014 10:46:05	8.63	50.90	33.09	9.39	7.85	2.0	2.163	99.7	1.1	0.6	0.3
1814	1/8/2014 11:01:05	8.61	50.90	33.08	9.36	7.85	2.3	2.071	99.4	1.5	0.9	0.3
1815	1/8/2014 11:16:05	8.66	50.86	33.06	9.47	7.86	2.5	2.021	100.7	1.4	0.8	0.3
1816	1/8/2014 11:31:05	8.59	50.89	33.08	9.33	7.85	2.1	1.980	99.0	1.2	0.7	0.3
1817	1/8/2014 11:46:05	8.61	50.87	33.07	9.15	7.84	1.9	1.928	97.1	1.7	1.0	0.4
1818	1/8/2014 12:01:05	8.67	50.83	33.04	9.38	7.85	2.3	1.910	99.7	1.2	0.7	0.3
1819	1/8/2014 12:16:05	8.68	50.88	33.08	9.52	7.86	2.3	1.916	101.2	1.3	0.7	0.3
1820	1/8/2014 12:31:05	8.70	50.77	33.00	9.45	7.85	2.4	1.919	100.5	1.2	0.7	0.3
1821	1/8/2014 12:46:05	8.66	50.75	32.98	9.37	7.85	2.5	1.950	99.5	0.9	0.5	0.2
1822	1/8/2014 13:01:05	8.70	50.87	33.07	9.34	7.84	2.4	2.004	99.3	1.0	0.6	0.2
1823	1/8/2014 13:16:05	8.65	50.87	33.07	9.28	7.84	2.5	2.059	98.6	1.1	0.6	0.3
1824	1/8/2014 13:31:05	8.53	50.68	32.92	9.46	7.85	3.8	2.107	100.1	1.8	1.0	0.4
1825	1/8/2014 13:46:05	8.51	50.70	32.93	9.37	7.84	3.4	2.176	99.2	1.3	0.7	0.3
1826	1/8/2014 14:01:05	8.61	50.80	33.01	9.27	7.84	2.8	2.230	98.3	1.6	0.9	0.4
1827	1/8/2014 14:16:05	8.64	50.81	33.02	9.26	7.84	2.6	2.293	98.3	1.2	0.7	0.3
1828	1/8/2014 14:31:05	8.63	50.81	33.02	9.26	7.84	2.6	2.353	98.3	1.0	0.6	0.2
1829	1/8/2014 14:46:05	8.60	50.79	33.01	9.25	7.84	2.5	2.407	98.1	1.6	0.9	0.4
1830	1/8/2014 15:01:05	8.57	50.79	33.00	9.26	7.84	2.3	2.455	98.1	1.9	1.1	0.5
1831	1/8/2014 15:16:05	8.56	50.80	33.01	9.23	7.84	2.4	2.526	97.8	1.4	0.8	0.3
1832	1/8/2014 15:31:05	8.57	50.82	33.02	9.20	7.84	2.3	2.586	97.6	1.1	0.6	0.3
1833	1/8/2014 15:46:05	8.60	50.84	33.04	9.16	7.84	2.3	2.625	97.1	1.4	0.8	0.3
1834	1/8/2014 16:01:05	8.62	50.86	33.06	9.13	7.84	2.1	2.682	96.9	1.5	0.9	0.4
1835	1/8/2014 16:16:05	8.66	50.88	33.08	9.11	7.84	2.2	2.749	96.8	1.9	1.1	0.5
1836	1/8/2014 16:31:05	8.69	50.88	33.07	9.08	7.84	2.3	2.800	96.5	1.2	0.7	0.3
1837	1/8/2014 16:46:05	8.69	50.89	33.09	9.07	7.84	2.3	2.842	96.5	1.4	0.8	0.3
1838	1/8/2014 17:01:05	8.70	50.90	33.09	9.06	7.83	2.1	2.883	96.4	1.8	1.0	0.4
1839	1/8/2014 17:16:05	8.72	50.89	33.09	9.05	7.83	2.6	2.935	96.3	1.8	1.0	0.4
1840	1/8/2014 17:31:06	8.73	50.88	33.08	9.04	7.83	2.6	2.963	96.2	1.4	0.8	0.3
1841	1/8/2014 17:46:05	8.73	50.88	33.08	8.99	7.83	2.5	2.995	95.7	1.6	0.9	0.4
1842	1/8/2014 18:01:05	8.74	50.86	33.07	8.88	7.83	2.0	3.014	94.5	1.6	0.9	0.4
1843	1/8/2014 18:16:05	8.75	50.87	33.08	8.91	7.83	2.0	3.030	94.9	1.8	1.0	0.4
1844	1/8/2014 18:31:06	8.70	50.86	33.07	8.95	7.83	2.0	3.030	95.2	1.3	0.7	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
1845	1/8/2014 18:46:05	8.71	50.88	33.08	8.96	7.83	2.4	3.002	95.3	1.5	0.9	0.4
1846	1/8/2014 19:01:05	8.71	50.87	33.07	8.94	7.83	2.5	2.962	95.1	1.8	1.0	0.4
1847	1/8/2014 19:16:06	8.70	50.85	33.06	8.95	7.83	2.4	2.912	95.2	1.9	1.1	0.4
1848	1/8/2014 19:31:05	8.73	50.80	33.02	9.06	7.84	2.5	2.883	96.4	1.6	0.9	0.4
1849	1/8/2014 19:46:05	8.72	50.80	33.03	9.00	7.83	2.6	2.808	95.7	1.1	0.6	0.3
1850	1/8/2014 20:01:05	8.74	50.79	33.02	9.05	7.84	2.9	2.744	96.3	1.8	1.0	0.4
1851	1/8/2014 20:16:05	8.82	50.81	33.04	9.14	7.85	3.1	2.693	97.4	1.5	0.9	0.4
1852	1/8/2014 20:31:05	8.82	50.81	33.04	9.18	7.85	3.0	2.644	97.9	1.6	0.9	0.4
1853	1/8/2014 20:46:06	8.81	50.81	33.04	9.19	7.85	3.4	2.560	98.0	1.8	1.0	0.4
1854	1/8/2014 21:01:05	8.85	50.78	33.02	9.24	7.86	3.0	2.498	98.6	2.1	1.2	0.5
1855	1/8/2014 21:16:05	8.83	50.77	33.01	9.27	7.86	3.3	2.458	98.8	1.2	0.7	0.3
1856	1/8/2014 21:31:05	8.79	50.76	33.00	9.29	7.86	2.9	2.393	99.0	1.6	0.9	0.4
1857	1/8/2014 21:46:05	8.79	50.74	32.99	9.28	7.86	2.6	2.330	98.9	1.3	0.7	0.3
1858	1/8/2014 22:01:05	8.77	50.74	32.98	9.25	7.85	2.6	2.288	98.5	1.6	0.9	0.4
1859	1/8/2014 22:16:05	8.73	50.71	32.96	9.21	7.85	2.5	2.237	98.0	1.6	0.9	0.4
1860	1/8/2014 22:31:05	8.74	50.71	32.96	9.12	7.84	2.6	2.193	97.1	1.4	0.8	0.3
1861	1/8/2014 22:46:05	8.78	50.67	32.93	9.10	7.84	2.6	2.173	96.9	1.6	0.9	0.4
1862	1/8/2014 23:01:05	8.84	50.58	32.87	8.90	7.84	2.0	2.147	94.8	1.1	0.6	0.3
1863	1/8/2014 23:16:05	8.87	50.63	32.91	9.10	7.85	2.7	2.131	97.0	1.6	0.9	0.4
1864	1/8/2014 23:31:05	8.82	50.65	32.93	9.22	7.85	2.5	2.146	98.2	1.1	0.6	0.3
1865	1/8/2014 23:46:05	8.81	50.66	32.93	9.23	7.85	2.6	2.152	98.4	1.1	0.6	0.3
1866	1/9/2014 0:01:05	8.78	50.66	32.93	9.26	7.85	2.6	2.179	98.6	1.0	0.6	0.2
1867	1/9/2014 0:16:05	8.80	50.66	32.93	9.18	7.85	3.1	2.218	97.8	1.1	0.6	0.3
1868	1/9/2014 0:31:05	8.74	50.67	32.93	9.18	7.85	2.6	2.262	97.7	1.4	0.8	0.3
1869	1/9/2014 0:46:05	8.74	50.59	32.87	9.22	7.85	3.4	2.329	98.0	1.3	0.7	0.3
1870	1/9/2014 1:01:05	8.74	50.54	32.84	9.25	7.85	3.4	2.374	98.3	1.4	0.8	0.3
1871	1/9/2014 1:16:05	8.75	50.64	32.91	9.14	7.84	2.9	2.447	97.2	1.0	0.6	0.2
1872	1/9/2014 1:31:05	8.76	50.67	32.93	9.09	7.84	3.0	2.511	96.7	1.1	0.6	0.3
1873	1/9/2014 1:46:06	8.74	50.68	32.94	9.10	7.84	8.7	2.567	96.8	1.3	0.7	0.3
1874	1/9/2014 2:01:06	8.73	50.69	32.94	9.08	7.83	2.8	2.634	96.5	1.2	0.7	0.3
1875	1/9/2014 2:16:06	8.72	50.73	32.97	9.04	7.83	2.8	2.707	96.1	1.3	0.7	0.3
1876	1/9/2014 2:31:05	8.72	50.75	32.98	8.98	7.83	2.9	2.769	95.5	1.0	0.6	0.2
1877	1/9/2014 2:46:05	8.73	50.77	33.00	8.95	7.83	3.1	2.844	95.2	1.5	0.9	0.4
1878	1/9/2014 3:01:05	8.75	50.80	33.03	8.97	7.83	3.7	2.925	95.4	1.6	0.9	0.4
1879	1/9/2014 3:16:05	8.76	50.83	33.05	8.95	7.83	3.7	2.997	95.3	2.0	1.1	0.5
1880	1/9/2014 3:31:05	8.78	50.85	33.06	8.92	7.83	3.7	3.074	95.0	1.4	0.8	0.3
1881	1/9/2014 3:46:05	8.80	50.85	33.07	8.92	7.83	4.0	3.153	95.1	2.2	1.3	0.5
1882	1/9/2014 4:01:05	8.82	50.86	33.07	8.92	7.83	4.1	3.239	95.1	1.3	0.7	0.3
1883	1/9/2014 4:16:05	8.87	50.87	33.09	8.92	7.83	4.8	3.326	95.3	2.2	1.3	0.5
1884	1/9/2014 4:31:05	8.94	50.89	33.11	8.93	7.83	4.9	3.411	95.5	1.6	0.9	0.4
1885	1/9/2014 4:46:05	9.02	50.90	33.12	8.94	7.83	5.4	3.497	95.8	1.7	1.0	0.4

sonde #2			Indian Island Long-Term Deployment Water Quality Data									
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	Chlorophyll	Corrected Chlorophyll	Fluorescence	
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters				DO%
1886	1/9/2014 5:01:05	9.08	50.90	33.12	8.96	7.83	5.7	3.575	96.2	1.9	1.1	0.4
1887	1/9/2014 5:16:05	9.15	50.90	33.13	8.97	7.84	4.2	3.628	96.3	1.6	0.9	0.4
1888	1/9/2014 5:31:05	9.17	50.90	33.13	8.93	7.84	3.7	3.702	96.1	1.8	1.0	0.4
1889	1/9/2014 5:46:05	9.28	50.89	33.13	9.00	7.84	3.7	3.750	97.0	1.7	1.0	0.4
1890	1/9/2014 6:01:05	9.25	50.90	33.14	8.93	7.84	2.3	3.766	96.2	1.9	1.1	0.4
1891	1/9/2014 6:16:05	9.06	50.80	33.05	8.76	7.82	2.5	3.801	93.9	1.8	1.0	0.4
1892	1/9/2014 6:31:05	8.77	50.83	33.05	8.71	7.81	2.3	3.806	92.8	1.5	0.9	0.4
1893	1/9/2014 6:46:05	8.79	50.84	33.06	8.76	7.81	2.5	3.774	93.4	1.4	0.8	0.3
1894	1/9/2014 7:01:05	8.88	50.90	33.11	8.85	7.82	2.8	3.733	94.5	1.6	0.9	0.4
1895	1/9/2014 7:16:05	8.80	50.86	33.08	8.81	7.82	2.6	3.686	93.9	1.2	0.7	0.3
1896	1/9/2014 7:31:05	8.80	50.86	33.07	8.81	7.82	2.9	3.613	93.9	1.3	0.7	0.3
1897	1/9/2014 7:46:05	9.01	50.92	33.13	8.86	7.82	3.2	3.532	94.9	1.7	1.0	0.4
1898	1/9/2014 8:01:05	8.85	50.86	33.08	8.79	7.82	2.4	3.471	93.8	1.6	0.9	0.4
1899	1/9/2014 8:16:05	8.89	50.80	33.04	8.76	7.81	2.4	3.368	93.5	1.5	0.9	0.4
1900	1/9/2014 8:31:05	8.89	50.80	33.04	8.77	7.81	3.6	3.288	93.7	1.5	0.9	0.4
1901	1/9/2014 8:46:05	8.95	50.83	33.07	8.83	7.82	3.0	3.229	94.4	1.0	0.6	0.2
1902	1/9/2014 9:01:05	8.99	50.86	33.09	8.89	7.82	2.8	3.109	95.1	1.3	0.7	0.3
1903	1/9/2014 9:16:05	8.95	50.82	33.06	8.89	7.82	2.5	3.029	95.0	0.7	0.4	0.2
1904	1/9/2014 9:31:05	8.93	50.81	33.05	8.89	7.83	2.4	2.938	95.0	1.4	0.8	0.3
1905	1/9/2014 9:46:05	8.96	50.82	33.06	8.96	7.83	2.6	2.856	95.8	1.2	0.7	0.3
1906	1/9/2014 10:01:05	8.94	50.84	33.07	8.98	7.83	2.3	2.756	96.0	1.2	0.7	0.3
1907	1/9/2014 10:16:05	8.98	50.83	33.07	9.13	7.84	2.3	2.651	97.7	1.2	0.7	0.3
1908	1/9/2014 10:31:05	8.90	50.79	33.03	9.04	7.83	3.4	2.568	96.5	0.9	0.5	0.2
1909	1/9/2014 10:46:05	9.05	50.76	33.02	9.35	7.86	2.3	2.477	100.2	1.1	0.6	0.3
1910	1/9/2014 11:01:05	8.96	50.76	33.02	9.26	7.85	2.8	2.342	99.0	0.9	0.5	0.2
1911	1/9/2014 11:16:05	9.06	50.77	33.03	9.51	7.86	2.2	2.278	101.9	1.1	0.6	0.3
1912	1/9/2014 11:31:05	9.02	50.74	33.01	9.55	7.86	2.5	2.166	102.3	1.2	0.7	0.3
1913	1/9/2014 11:46:05	8.97	50.71	32.98	9.29	7.85	2.5	2.076	99.4	1.0	0.6	0.2
1914	1/9/2014 12:01:05	9.03	50.72	32.99	9.45	7.86	2.1	2.016	101.2	1.4	0.8	0.3
1915	1/9/2014 12:16:05	9.07	50.72	33.00	9.55	7.87	2.2	1.928	102.4	0.9	0.5	0.2
1916	1/9/2014 12:31:05	9.17	50.69	32.98	9.79	7.89	2.4	1.856	105.1	1.3	0.7	0.3
1917	1/9/2014 12:46:05	9.14	50.68	32.97	9.63	7.88	2.3	1.836	103.4	0.6	0.3	0.1
1918	1/9/2014 13:01:05	9.31	50.70	33.00	9.85	7.90	2.9	1.806	106.2	1.3	0.7	0.3
1919	1/9/2014 13:16:05	9.22	50.70	32.99	9.69	7.88	2.1	1.760	104.2	1.6	0.9	0.4
1920	1/9/2014 13:31:05	9.21	50.67	32.97	9.73	7.89	2.1	1.795	104.6	1.4	0.8	0.3
1921	1/9/2014 13:46:05	9.19	50.67	32.96	9.65	7.89	2.1	1.804	103.7	1.0	0.6	0.2
1922	1/9/2014 14:01:05	9.16	50.64	32.95	9.61	7.89	2.0	1.838	103.2	1.4	0.8	0.3
1923	1/9/2014 14:16:05	9.17	50.60	32.92	9.64	7.89	2.1	1.876	103.5	1.3	0.7	0.3
1924	1/9/2014 14:31:05	9.14	50.58	32.90	9.63	7.89	1.8	1.922	103.3	0.9	0.5	0.2
1925	1/9/2014 14:46:05	9.19	50.42	32.78	9.68	7.89	2.6	2.001	103.8	1.1	0.6	0.3
1926	1/9/2014 15:01:05	9.19	50.30	32.70	9.63	7.89	3.2	2.062	103.3	1.1	0.6	0.3

sonde #2		Indian Island Long-Term Deployment Water Quality Data										
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	ChlorophyllI	Corrected ChlorophyllI (Corrected ratio = 0.57)	Fluorescence	
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters				DO%
1927	1/9/2014 15:16:05	9.13	50.41	32.77	9.48	7.87	2.9	2.103	101.5	1.0	0.6	0.2
1928	1/9/2014 15:31:05	9.09	50.46	32.81	9.43	7.87	2.6	2.184	101.0	0.7	0.4	0.2
1929	1/9/2014 15:46:05	9.06	50.54	32.86	9.33	7.86	2.3	2.245	99.9	1.6	0.9	0.4
1930	1/9/2014 16:01:05	9.04	50.55	32.87	9.28	7.86	2.3	2.289	99.3	1.2	0.7	0.3
1931	1/9/2014 16:16:05	9.03	50.54	32.86	9.28	7.85	2.3	2.379	99.3	1.6	0.9	0.4
1932	1/9/2014 16:31:05	8.99	50.55	32.87	9.20	7.85	2.3	2.428	98.3	1.0	0.6	0.2
1933	1/9/2014 16:46:05	8.95	50.61	32.91	9.08	7.84	2.3	2.467	97.0	1.1	0.6	0.3
1934	1/9/2014 17:01:05	8.95	50.64	32.93	9.06	7.84	2.4	2.544	96.8	1.0	0.6	0.2
1935	1/9/2014 17:16:05	8.94	50.68	32.95	9.01	7.83	2.1	2.602	96.3	1.7	1.0	0.4
1936	1/9/2014 17:31:05	8.93	50.70	32.97	8.99	7.83	2.5	2.639	96.0	1.1	0.6	0.3
1937	1/9/2014 17:46:05	8.93	50.71	32.98	8.97	7.83	2.2	2.704	95.8	1.4	0.8	0.3
1938	1/9/2014 18:01:05	8.92	50.73	32.99	8.96	7.83	2.3	2.753	95.7	1.4	0.8	0.3
1939	1/9/2014 18:16:05	8.93	50.73	32.99	8.93	7.82	3.1	2.804	95.4	1.7	1.0	0.4
1940	1/9/2014 18:31:05	8.93	50.72	32.98	8.90	7.82	2.9	2.844	95.1	1.4	0.8	0.3
1941	1/9/2014 18:46:05	8.94	50.71	32.97	8.86	7.82	2.8	2.873	94.7	1.9	1.1	0.4
1942	1/9/2014 19:01:05	8.94	50.71	32.98	8.87	7.82	2.5	2.914	94.8	1.4	0.8	0.3
1943	1/9/2014 19:16:05	8.95	50.72	32.98	8.77	7.81	2.2	2.936	93.8	1.2	0.7	0.3
1944	1/9/2014 19:31:05	8.97	50.68	32.96	8.79	7.82	2.3	2.940	94.0	1.8	1.0	0.4
1945	1/9/2014 19:46:05	8.95	50.69	32.96	8.78	7.82	2.5	2.946	93.8	1.7	1.0	0.4
1946	1/9/2014 20:01:05	8.94	50.70	32.97	8.78	7.82	2.1	2.936	93.8	1.4	0.8	0.3
1947	1/9/2014 20:16:05	8.95	50.71	32.98	8.76	7.81	2.0	2.929	93.6	1.5	0.9	0.4
1948	1/9/2014 20:31:05	8.95	50.71	32.98	8.76	7.81	2.5	2.899	93.6	1.5	0.9	0.4
1949	1/9/2014 20:46:05	8.95	50.70	32.97	8.74	7.81	2.7	2.864	93.4	1.5	0.9	0.3
1950	1/9/2014 21:01:05	8.96	50.70	32.97	8.74	7.81	2.9	2.810	93.5	1.6	0.9	0.4
1951	1/9/2014 21:16:05	8.98	50.65	32.93	8.75	7.82	2.8	2.789	93.6	1.2	0.7	0.3
1952	1/9/2014 21:31:05	8.97	50.66	32.94	8.80	7.82	2.9	2.722	94.1	0.5	0.3	0.1
1953	1/9/2014 21:46:05	9.00	50.67	32.95	8.85	7.82	3.2	2.642	94.7	1.7	1.0	0.4
1954	1/9/2014 22:01:05	9.04	50.66	32.95	8.94	7.83	3.3	2.637	95.7	1.6	0.9	0.4
1955	1/9/2014 22:16:06	9.04	50.68	32.96	8.97	7.83	2.9	2.571	96.1	1.6	0.9	0.4
1956	1/9/2014 22:31:05	9.05	50.66	32.95	9.01	7.84	2.8	2.511	96.5	1.2	0.7	0.3
1957	1/9/2014 22:46:05	9.08	50.65	32.94	9.03	7.84	2.6	2.483	96.7	1.6	0.9	0.4
1958	1/9/2014 23:01:05	9.10	50.64	32.94	9.12	7.85	2.5	2.430	97.8	1.2	0.7	0.3
1959	1/9/2014 23:16:05	9.12	50.62	32.93	9.02	7.85	2.0	2.412	96.7	2.0	1.1	0.5
1960	1/9/2014 23:31:05	9.15	50.61	32.92	9.11	7.86	2.5	2.368	97.8	1.5	0.9	0.4
1961	1/9/2014 23:46:05	9.11	50.57	32.89	9.06	7.85	2.4	2.329	97.1	1.3	0.7	0.3
1962	1/10/2014 0:01:05	9.13	50.58	32.90	9.06	7.85	2.0	2.319	97.2	1.2	0.7	0.3
1963	1/10/2014 0:16:05	9.15	50.60	32.91	8.79	7.85	2.1	2.296	94.3	1.8	1.0	0.4
1964	1/10/2014 0:31:05	9.12	50.60	32.91	8.83	7.84	2.3	2.285	94.7	1.7	1.0	0.4
1965	1/10/2014 0:46:05	9.11	50.57	32.89	9.08	7.85	2.0	2.314	97.3	1.2	0.7	0.3
1966	1/10/2014 1:01:05	9.10	50.57	32.89	9.06	7.84	2.1	2.325	97.1	1.5	0.9	0.3
1967	1/10/2014 1:16:05	9.08	50.57	32.89	9.07	7.84	2.1	2.346	97.2	1.2	0.7	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
1968	1/10/2014 1:31:05	9.05	50.58	32.89	9.05	7.84	2.4	2.409	96.9	1.4	0.8	0.3
1969	1/10/2014 1:46:05	9.03	50.62	32.92	8.95	7.83	2.8	2.444	95.8	1.2	0.7	0.3
1970	1/10/2014 2:01:05	9.06	50.53	32.86	8.93	7.83	3.1	2.492	95.6	1.4	0.8	0.3
1971	1/10/2014 2:16:05	9.07	50.51	32.84	8.93	7.83	2.8	2.547	95.6	1.4	0.8	0.3
1972	1/10/2014 2:31:05	9.02	50.61	32.91	8.83	7.82	2.6	2.613	94.5	1.2	0.7	0.3
1973	1/10/2014 2:46:05	9.00	50.64	32.93	8.76	7.81	2.8	2.645	93.7	1.0	0.6	0.2
1974	1/10/2014 3:01:05	8.99	50.65	32.94	8.74	7.81	2.6	2.726	93.4	1.1	0.6	0.3
1975	1/10/2014 3:16:05	8.98	50.67	32.95	8.74	7.81	2.7	2.781	93.4	1.5	0.9	0.3
1976	1/10/2014 3:31:05	8.97	50.68	32.96	8.77	7.81	2.5	2.840	93.7	1.8	1.0	0.4
1977	1/10/2014 3:46:05	8.97	50.71	32.98	8.76	7.81	2.9	2.910	93.6	1.3	0.7	0.3
1978	1/10/2014 4:01:05	8.97	50.75	33.01	8.77	7.81	3.4	2.981	93.8	1.1	0.6	0.3
1979	1/10/2014 4:16:05	9.01	50.77	33.02	8.78	7.81	3.1	3.047	94.0	1.3	0.7	0.3
1980	1/10/2014 4:31:05	9.02	50.78	33.03	8.77	7.81	3.2	3.121	93.9	1.2	0.7	0.3
1981	1/10/2014 4:46:05	9.06	50.78	33.04	8.77	7.81	3.4	3.211	94.0	1.6	0.9	0.4
1982	1/10/2014 5:01:05	9.11	50.79	33.05	8.77	7.81	3.7	3.274	94.1	1.7	1.0	0.4
1983	1/10/2014 5:16:05	9.20	50.79	33.06	8.82	7.82	4.2	3.350	94.9	1.8	1.0	0.4
1984	1/10/2014 5:31:05	9.31	50.77	33.05	8.90	7.83	3.5	3.413	96.0	1.5	0.9	0.4
1985	1/10/2014 5:46:05	9.42	50.81	33.09	8.98	7.83	3.9	3.488	97.1	1.8	1.0	0.4
1986	1/10/2014 6:01:05	9.54	50.80	33.09	9.06	7.85	3.2	3.549	98.2	1.6	0.9	0.4
1987	1/10/2014 6:16:05	9.59	50.79	33.09	9.07	7.85	3.2	3.614	98.4	1.7	1.0	0.4
1988	1/10/2014 6:31:05	9.62	50.79	33.08	9.09	7.85	2.8	3.664	98.7	1.4	0.8	0.3
1989	1/10/2014 6:46:05	9.71	50.77	33.08	9.10	7.86	2.7	3.694	99.0	1.7	1.0	0.4
1990	1/10/2014 7:01:05	9.66	50.79	33.09	8.96	7.85	2.3	3.722	97.4	2.2	1.3	0.5
1991	1/10/2014 7:16:05	9.04	50.89	33.12	8.37	7.80	4.6	3.738	89.7	1.4	0.8	0.3
1992	1/10/2014 7:31:05	8.99	50.71	32.98	8.44	7.79	1.8	3.754	90.3	1.5	0.9	0.4
1993	1/10/2014 7:46:05	9.28	50.78	33.05	8.75	7.82	1.8	3.725	94.2	1.9	1.1	0.4
1994	1/10/2014 8:01:05	9.09	50.83	33.08	8.70	7.81	1.9	3.693	93.3	1.3	0.7	0.3
1995	1/10/2014 8:16:05	9.21	50.79	33.06	8.74	7.81	2.4	3.648	94.0	1.7	1.0	0.4
1996	1/10/2014 8:31:05	9.30	50.71	33.00	8.77	7.82	2.1	3.594	94.5	1.7	1.0	0.4
1997	1/10/2014 8:46:05	9.25	50.74	33.02	8.76	7.81	2.2	3.514	94.3	1.4	0.8	0.3
1998	1/10/2014 9:01:05	9.11	50.76	33.03	8.73	7.81	2.4	3.429	93.7	1.2	0.7	0.3
1999	1/10/2014 9:16:05	9.06	50.74	33.01	8.65	7.80	2.3	3.359	92.8	1.6	0.9	0.4
2000	1/10/2014 9:31:05	9.09	50.70	32.98	8.68	7.81	2.1	3.279	93.0	0.6	0.3	0.1
2001	1/10/2014 9:46:05	9.32	50.74	33.02	8.92	7.83	3.1	3.171	96.1	1.8	1.0	0.4
2002	1/10/2014 10:01:05	9.32	50.75	33.03	8.96	7.83	2.6	3.095	96.5	1.1	0.6	0.3
2003	1/10/2014 10:16:05	9.30	50.70	33.00	8.98	7.83	2.3	2.985	96.8	1.0	0.6	0.2
2004	1/10/2014 10:31:05	9.30	50.70	33.00	8.98	7.83	2.5	2.886	96.8	1.6	0.9	0.4
2005	1/10/2014 10:46:05	9.30	50.73	33.02	9.01	7.83	2.5	2.817	97.1	1.2	0.7	0.3
2006	1/10/2014 11:01:05	9.33	50.74	33.03	9.10	7.84	2.8	2.700	98.1	1.2	0.7	0.3
2007	1/10/2014 11:16:05	9.35	50.73	33.03	9.17	7.84	2.3	2.603	98.9	1.4	0.8	0.3
2008	1/10/2014 11:31:05	9.33	50.72	33.01	9.19	7.84	2.6	2.504	99.1	1.2	0.7	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
2009	1/10/2014 11:46:05	9.40	50.66	32.97	9.21	7.85	2.9	2.382	99.4	1.2	0.7	0.3
2010	1/10/2014 12:01:05	9.34	50.65	32.97	9.23	7.85	2.9	2.278	99.6	1.3	0.7	0.3
2011	1/10/2014 12:16:05	9.39	50.65	32.96	9.33	7.86	2.8	2.177	100.7	1.3	0.7	0.3
2012	1/10/2014 12:31:05	9.41	50.64	32.97	9.41	7.86	2.6	2.063	101.5	1.1	0.6	0.3
2013	1/10/2014 12:46:05	9.46	50.59	32.93	9.48	7.87	2.7	1.954	102.4	1.0	0.6	0.2
2014	1/10/2014 13:01:05	9.51	50.60	32.94	9.59	7.88	2.3	1.871	103.7	1.4	0.8	0.3
2015	1/10/2014 13:16:05	9.52	50.58	32.93	9.64	7.89	2.5	1.780	104.3	1.7	1.0	0.4
2016	1/10/2014 13:31:05	9.54	50.58	32.93	9.62	7.89	2.1	1.724	104.2	0.7	0.4	0.2
2017	1/10/2014 13:46:05	9.55	50.52	32.89	9.55	7.88	2.2	1.662	103.4	1.4	0.8	0.3
2018	1/10/2014 14:01:05	9.64	50.53	32.90	9.74	7.90	2.8	1.607	105.6	1.1	0.6	0.3
2019	1/10/2014 14:16:05	9.77	50.52	32.90	9.85	7.91	3.6	1.604	107.1	1.2	0.7	0.3
2020	1/10/2014 14:31:05	9.68	50.53	32.90	9.83	7.90	2.3	1.610	106.8	0.9	0.5	0.2
2021	1/10/2014 14:46:05	9.66	50.55	32.91	9.80	7.89	2.6	1.609	106.4	1.4	0.8	0.3
2022	1/10/2014 15:01:05	9.64	50.51	32.89	9.75	7.90	2.1	1.657	105.7	1.2	0.7	0.3
2023	1/10/2014 15:16:05	9.69	50.44	32.84	9.87	7.91	2.0	1.727	107.1	1.2	0.7	0.3
2024	1/10/2014 15:31:05	9.69	50.44	32.84	9.83	7.91	1.9	1.789	106.7	1.5	0.9	0.3
2025	1/10/2014 15:46:05	9.77	50.15	32.63	9.74	7.91	3.4	1.849	105.7	1.5	0.9	0.3
2026	1/10/2014 16:01:05	9.77	50.08	32.58	9.67	7.91	3.3	1.922	105.0	1.4	0.8	0.3
2027	1/10/2014 16:16:05	9.68	50.19	32.65	9.54	7.89	3.4	1.988	103.4	1.3	0.7	0.3
2028	1/10/2014 16:31:05	9.61	50.34	32.76	9.47	7.88	3.0	2.056	102.6	1.2	0.7	0.3
2029	1/10/2014 16:46:05	9.58	50.39	32.79	9.41	7.88	2.7	2.109	101.8	0.8	0.5	0.2
2030	1/10/2014 17:01:05	9.56	50.40	32.80	9.39	7.88	2.5	2.192	101.6	0.8	0.5	0.2
2031	1/10/2014 17:16:05	9.52	50.40	32.80	9.34	7.87	2.2	2.263	101.0	1.3	0.7	0.3
2032	1/10/2014 17:31:05	9.44	50.43	32.81	9.23	7.86	2.5	2.307	99.6	1.4	0.8	0.3
2033	1/10/2014 17:46:05	9.38	50.52	32.87	9.12	7.85	2.4	2.356	98.3	1.6	0.9	0.4
2034	1/10/2014 18:01:05	9.33	50.57	32.90	9.03	7.84	2.9	2.445	97.2	0.7	0.4	0.2
2035	1/10/2014 18:16:05	9.31	50.58	32.91	9.00	7.83	2.6	2.497	96.9	1.4	0.8	0.3
2036	1/10/2014 18:31:05	9.29	50.61	32.93	8.97	7.84	2.6	2.567	96.6	1.2	0.7	0.3
2037	1/10/2014 18:46:05	9.26	50.62	32.94	8.91	7.83	2.7	2.646	95.9	1.6	0.9	0.4
2038	1/10/2014 19:01:05	9.25	50.63	32.95	8.88	7.82	2.8	2.686	95.5	1.4	0.8	0.3
2039	1/10/2014 19:16:05	9.26	50.62	32.94	8.85	7.82	2.4	2.728	95.2	1.2	0.7	0.3
2040	1/10/2014 19:31:05	9.26	50.61	32.93	8.85	7.82	2.6	2.814	95.3	1.6	0.9	0.4
2041	1/10/2014 19:46:05	9.27	50.62	32.93	8.84	7.82	2.6	2.863	95.1	1.2	0.7	0.3
2042	1/10/2014 20:01:05	9.29	50.63	32.95	8.82	7.82	2.5	2.893	95.0	1.7	1.0	0.4
2043	1/10/2014 20:16:05	9.31	50.63	32.95	8.79	7.82	2.6	2.937	94.7	1.7	1.0	0.4
2044	1/10/2014 20:31:05	9.32	50.64	32.95	8.78	7.82	2.6	2.975	94.6	1.1	0.6	0.3
2045	1/10/2014 20:46:05	9.33	50.64	32.95	8.75	7.82	2.5	2.994	94.3	1.2	0.7	0.3
2046	1/10/2014 21:01:05	9.26	50.62	32.94	8.73	7.82	2.5	3.004	93.9	1.6	0.9	0.4
2047	1/10/2014 21:16:05	9.23	50.60	32.92	8.71	7.81	2.5	3.002	93.6	1.7	1.0	0.4
2048	1/10/2014 21:31:05	9.28	50.61	32.93	8.72	7.81	2.6	2.989	93.9	1.1	0.6	0.3
2049	1/10/2014 21:46:05	9.19	50.62	32.93	8.67	7.81	2.6	2.956	93.2	1.3	0.7	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
2050	1/10/2014 22:01:05	9.18	50.62	32.93	8.64	7.81	3.2	2.930	92.8	1.2	0.7	0.3
2051	1/10/2014 22:16:05	9.19	50.59	32.91	8.71	7.82	2.8	2.906	93.6	1.7	1.0	0.4
2052	1/10/2014 22:31:06	9.22	50.57	32.89	8.73	7.82	2.8	2.832	93.9	1.4	0.8	0.3
2053	1/10/2014 22:46:05	9.23	50.57	32.90	8.80	7.83	2.8	2.802	94.6	1.8	1.0	0.4
2054	1/10/2014 23:01:05	9.17	50.59	32.91	8.77	7.82	2.8	2.733	94.1	1.5	0.9	0.4
2055	1/10/2014 23:16:05	9.18	50.57	32.90	8.80	7.82	2.9	2.684	94.5	1.4	0.8	0.3
2056	1/10/2014 23:31:05	9.19	50.57	32.89	8.78	7.83	2.8	2.669	94.3	1.5	0.9	0.4
2057	1/10/2014 23:46:05	9.19	50.58	32.90	8.77	7.82	3.0	2.598	94.2	0.9	0.5	0.2
2058	1/11/2014 0:01:05	9.19	50.60	32.92	8.80	7.82	2.9	2.565	94.6	1.4	0.8	0.3
2059	1/11/2014 0:16:05	9.10	50.63	32.93	8.66	7.81	2.4	2.539	92.8	1.5	0.9	0.3
2060	1/11/2014 0:31:05	9.15	50.59	32.90	8.64	7.82	2.5	2.493	92.7	1.9	1.1	0.5
2061	1/11/2014 0:46:05	9.13	50.60	32.91	8.60	7.81	2.5	2.427	92.2	1.3	0.7	0.3
2062	1/11/2014 1:01:05	9.19	50.58	32.90	8.69	7.82	2.3	2.397	93.4	1.2	0.7	0.3
2063	1/11/2014 1:16:05	9.19	50.57	32.90	8.73	7.83	2.1	2.407	93.7	1.8	1.0	0.4
2064	1/11/2014 1:31:05	9.20	50.56	32.89	8.71	7.82	2.1	2.421	93.6	1.3	0.7	0.3
2065	1/11/2014 1:46:05	9.21	50.54	32.88	8.76	7.83	2.1	2.388	94.1	0.8	0.5	0.2
2066	1/11/2014 2:01:05	9.19	50.55	32.88	8.73	7.83	2.6	2.397	93.7	0.7	0.4	0.2
2067	1/11/2014 2:16:05	9.20	50.56	32.89	8.79	7.82	2.3	2.427	94.4	1.3	0.7	0.3
2068	1/11/2014 2:31:05	9.22	50.56	32.89	8.82	7.82	2.9	2.465	94.8	1.6	0.9	0.4
2069	1/11/2014 2:46:05	9.22	50.58	32.90	8.80	7.82	3.0	2.493	94.6	1.3	0.7	0.3
2070	1/11/2014 3:01:05	9.25	50.58	32.91	8.84	7.82	2.9	2.559	95.1	0.8	0.5	0.2
2071	1/11/2014 3:16:05	9.25	50.57	32.90	8.79	7.82	3.2	2.617	94.6	1.4	0.8	0.3
2072	1/11/2014 3:31:05	9.25	50.59	32.91	8.75	7.82	3.0	2.675	94.1	1.0	0.6	0.2
2073	1/11/2014 3:46:06	9.24	50.60	32.92	8.70	7.81	3.1	2.719	93.6	1.2	0.7	0.3
2074	1/11/2014 4:01:05	9.25	50.61	32.93	8.70	7.81	3.1	2.786	93.6	0.8	0.5	0.2
2075	1/11/2014 4:16:05	9.27	50.62	32.94	8.71	7.81	3.1	2.821	93.8	1.2	0.7	0.3
2076	1/11/2014 4:31:05	9.28	50.62	32.94	8.71	7.81	3.1	2.892	93.8	1.2	0.7	0.3
2077	1/11/2014 4:46:05	9.31	50.63	32.95	8.73	7.81	5.1	2.948	94.1	1.7	1.0	0.4
2078	1/11/2014 5:01:05	9.39	50.66	32.97	8.79	7.82	3.7	3.009	94.8	1.2	0.7	0.3
2079	1/11/2014 5:16:05	9.46	50.67	32.99	8.83	7.82	4.7	3.109	95.4	1.5	0.9	0.4
2080	1/11/2014 5:31:05	9.53	50.66	32.99	8.89	7.82	4.1	3.197	96.2	1.5	0.9	0.4
2081	1/11/2014 5:46:05	9.64	50.66	32.99	8.96	7.83	4.2	3.276	97.3	1.2	0.7	0.3
2082	1/11/2014 6:01:05	9.77	50.66	33.00	9.13	7.84	3.9	3.339	99.4	1.0	0.6	0.2
2083	1/11/2014 6:16:05	9.88	50.64	33.00	9.24	7.86	3.8	3.396	100.8	1.8	1.0	0.4
2084	1/11/2014 6:31:05	9.98	50.62	32.99	9.33	7.87	4.2	3.471	102.0	1.5	0.9	0.4
2085	1/11/2014 6:46:05	10.04	50.61	32.99	9.39	7.88	3.8	3.542	102.8	1.5	0.9	0.4
2086	1/11/2014 7:01:05	10.07	50.61	32.99	9.40	7.89	3.7	3.597	103.0	1.8	1.0	0.4
2087	1/11/2014 7:16:05	10.12	50.60	32.98	9.46	7.89	3.4	3.645	103.7	1.9	1.1	0.4
2088	1/11/2014 7:31:05	10.15	50.59	32.98	9.44	7.90	2.8	3.691	103.6	1.4	0.8	0.3
2089	1/11/2014 7:46:05	9.82	50.64	32.99	9.16	7.86	2.6	3.722	99.8	1.4	0.8	0.3
2090	1/11/2014 8:01:05	9.73	50.46	32.86	8.73	7.83	2.3	3.769	94.8	1.6	0.9	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
2091	1/11/2014 8:16:05	9.60	50.59	32.94	8.75	7.83	2.8	3.740	94.8	1.5	0.9	0.4
2092	1/11/2014 8:31:05	9.82	50.45	32.85	8.95	7.84	2.3	3.742	97.4	1.7	1.0	0.4
2093	1/11/2014 8:46:05	9.49	50.53	32.89	8.77	7.81	2.1	3.760	94.8	1.2	0.7	0.3
2094	1/11/2014 9:01:05	9.59	50.46	32.85	8.90	7.82	2.0	3.681	96.4	1.2	0.7	0.3
2095	1/11/2014 9:16:05	9.73	50.50	32.89	9.02	7.83	2.8	3.626	98.0	1.2	0.7	0.3
2096	1/11/2014 9:31:05	9.86	50.52	32.91	9.18	7.85	2.8	3.564	100.0	1.1	0.6	0.3
2097	1/11/2014 9:46:05	9.95	50.54	32.93	9.29	7.87	2.8	3.487	101.5	1.7	1.0	0.4
2098	1/11/2014 10:01:05	9.87	50.53	32.92	9.20	7.86	2.4	3.398	100.3	1.3	0.7	0.3
2099	1/11/2014 10:16:05	9.69	50.51	32.89	9.04	7.84	2.5	3.288	98.1	1.3	0.7	0.3
2100	1/11/2014 10:31:05	9.66	50.50	32.88	9.04	7.84	2.7	3.196	98.0	1.3	0.7	0.3
2101	1/11/2014 10:46:05	9.69	50.51	32.89	9.10	7.84	2.9	3.115	98.8	0.9	0.5	0.2
2102	1/11/2014 11:01:05	9.74	50.52	32.90	9.16	7.85	2.9	3.002	99.6	1.2	0.7	0.3
2103	1/11/2014 11:16:05	9.68	50.52	32.89	9.12	7.84	2.5	2.919	99.0	1.0	0.6	0.2
2104	1/11/2014 11:31:05	9.72	50.50	32.88	9.19	7.84	2.5	2.785	99.8	1.3	0.7	0.3
2105	1/11/2014 11:46:05	9.77	50.47	32.86	9.23	7.85	2.6	2.687	100.3	1.2	0.7	0.3
2106	1/11/2014 12:01:05	9.77	50.48	32.87	9.24	7.85	2.6	2.591	100.5	0.8	0.5	0.2
2107	1/11/2014 12:16:05	9.81	50.48	32.88	9.43	7.86	2.6	2.478	102.6	0.8	0.5	0.2
2108	1/11/2014 12:31:05	9.78	50.44	32.84	9.36	7.86	3.2	2.338	101.8	1.2	0.7	0.3
2109	1/11/2014 12:46:05	9.89	50.45	32.86	9.57	7.88	3.4	2.233	104.3	1.2	0.7	0.3
2110	1/11/2014 13:01:05	9.80	50.39	32.81	9.55	7.88	4.1	2.127	103.9	1.5	0.9	0.3
2111	1/11/2014 13:16:05	9.84	50.33	32.77	9.64	7.89	3.2	2.015	104.9	0.9	0.5	0.2
2112	1/11/2014 13:31:05	9.90	50.31	32.76	9.80	7.91	3.8	1.893	106.8	1.4	0.8	0.3
2113	1/11/2014 13:46:05	9.86	50.32	32.76	9.84	7.91	3.9	1.789	107.2	1.2	0.7	0.3
2114	1/11/2014 14:01:05	9.88	50.27	32.73	9.78	7.91	4.7	1.709	106.5	1.2	0.7	0.3
2115	1/11/2014 14:16:05	9.89	50.24	32.71	9.81	7.91	4.8	1.633	106.9	1.2	0.7	0.3
2116	1/11/2014 14:31:05	9.97	50.16	32.65	9.87	7.93	4.3	1.557	107.7	1.2	0.7	0.3
2117	1/11/2014 14:46:05	10.03	50.12	32.63	9.85	7.93	4.3	1.526	107.5	1.5	0.9	0.4
2118	1/11/2014 15:01:05	10.12	50.15	32.66	9.77	7.93	7.8	1.511	106.9	2.3	1.3	0.5
2119	1/11/2014 15:16:05	10.03	50.14	32.64	9.93	7.93	5.9	1.520	108.4	0.9	0.5	0.2
2120	1/11/2014 15:31:05	9.99	50.11	32.62	9.89	7.93	6.8	1.542	107.9	1.5	0.9	0.4
2121	1/11/2014 15:46:05	9.97	50.13	32.64	9.85	7.92	7.0	1.567	107.4	1.5	0.9	0.3
2122	1/11/2014 16:01:05	9.94	50.12	32.62	9.82	7.92	5.1	1.624	107.0	1.3	0.7	0.3
2123	1/11/2014 16:16:05	9.95	50.08	32.59	9.80	7.91	7.1	1.690	106.8	1.2	0.7	0.3
2124	1/11/2014 16:31:05	10.03	49.77	32.38	9.70	7.91	11.2	1.725	105.8	1.5	0.9	0.4
2125	1/11/2014 16:46:05	10.08	49.53	32.21	9.60	7.91	10.8	1.807	104.7	2.0	1.1	0.5
2126	1/11/2014 17:01:05	9.99	49.76	32.37	9.59	7.90	5.8	1.874	104.5	1.3	0.7	0.3
2127	1/11/2014 17:16:05	9.95	49.84	32.42	9.52	7.89	5.8	1.932	103.7	1.2	0.7	0.3
2128	1/11/2014 17:31:05	9.93	49.90	32.46	9.46	7.88	5.6	2.015	103.0	1.5	0.9	0.4
2129	1/11/2014 17:46:05	9.90	49.96	32.50	9.43	7.88	6.0	2.075	102.7	1.3	0.7	0.3
2130	1/11/2014 18:01:05	9.88	49.98	32.52	9.40	7.88	5.3	2.144	102.3	1.9	1.1	0.5
2131	1/11/2014 18:16:05	9.82	50.06	32.57	9.26	7.86	4.3	2.215	100.6	1.1	0.6	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
2132	1/11/2014 18:31:05	9.77	50.10	32.60	9.10	7.85	4.3	2.278	98.8	1.7	1.0	0.4
2133	1/11/2014 18:46:05	9.74	50.15	32.63	9.08	7.85	4.6	2.385	98.5	1.5	0.9	0.4
2134	1/11/2014 19:01:05	9.67	50.23	32.68	8.98	7.84	4.0	2.426	97.3	1.3	0.7	0.3
2135	1/11/2014 19:16:05	9.65	50.25	32.70	8.88	7.82	4.5	2.505	96.3	1.2	0.7	0.3
2136	1/11/2014 19:31:05	9.62	50.28	32.72	8.79	7.82	4.3	2.600	95.2	1.2	0.7	0.3
2137	1/11/2014 19:46:05	9.62	50.31	32.74	8.87	7.83	4.3	2.662	96.1	1.6	0.9	0.4
2138	1/11/2014 20:01:05	9.63	50.30	32.73	8.93	7.83	4.2	2.720	96.7	2.0	1.1	0.5
2139	1/11/2014 20:16:05	9.63	50.28	32.72	8.97	7.83	4.2	2.778	97.2	2.0	1.1	0.5
2140	1/11/2014 20:31:05	9.62	50.31	32.74	8.98	7.83	3.9	2.869	97.3	1.5	0.9	0.3
2141	1/11/2014 20:46:05	9.63	50.31	32.74	8.97	7.83	3.7	2.907	97.1	1.1	0.6	0.3
2142	1/11/2014 21:01:05	9.69	50.34	32.77	8.95	7.83	3.6	2.943	97.1	1.8	1.0	0.4
2143	1/11/2014 21:16:05	9.71	50.35	32.78	8.92	7.83	2.9	2.977	96.8	1.5	0.9	0.4
2144	1/11/2014 21:31:05	9.73	50.35	32.77	8.90	7.83	2.8	3.018	96.7	1.5	0.9	0.4
2145	1/11/2014 21:46:05	9.71	50.35	32.78	8.83	7.83	2.5	3.072	95.9	1.8	1.0	0.4
2146	1/11/2014 22:01:05	9.69	50.36	32.78	8.84	7.82	2.4	3.056	96.0	1.8	1.0	0.4
2147	1/11/2014 22:16:05	9.60	50.26	32.70	8.78	7.81	2.9	3.067	95.1	1.2	0.7	0.3
2148	1/11/2014 22:31:05	9.69	50.31	32.74	8.88	7.82	2.6	3.066	96.3	2.1	1.2	0.5
2149	1/11/2014 22:46:05	9.61	50.30	32.73	8.83	7.82	3.4	3.052	95.5	1.8	1.0	0.4
2150	1/11/2014 23:01:05	9.67	50.31	32.74	8.85	7.83	3.1	3.015	95.9	1.4	0.8	0.3
2151	1/11/2014 23:16:05	9.66	50.30	32.74	8.83	7.82	3.9	2.986	95.7	1.4	0.8	0.3
2152	1/11/2014 23:31:05	9.55	50.21	32.66	8.77	7.81	4.2	2.959	94.8	1.8	1.0	0.4
2153	1/11/2014 23:46:05	9.53	50.17	32.63	8.78	7.81	4.7	2.919	94.8	1.6	0.9	0.4
2154	1/12/2014 0:01:05	9.51	50.21	32.66	8.90	7.82	3.9	2.870	96.1	1.9	1.1	0.5
2155	1/12/2014 0:16:05	9.51	50.25	32.69	8.89	7.82	3.5	2.807	96.0	1.6	0.9	0.4
2156	1/12/2014 0:31:05	9.47	50.26	32.69	8.90	7.82	2.9	2.779	96.0	2.1	1.2	0.5
2157	1/12/2014 0:46:05	9.43	50.27	32.69	8.88	7.82	2.9	2.714	95.7	1.4	0.8	0.3
2158	1/12/2014 1:01:05	9.41	50.26	32.69	8.86	7.82	2.8	2.673	95.5	1.6	0.9	0.4
2159	1/12/2014 1:16:05	9.37	50.27	32.69	8.84	7.82	3.4	2.632	95.2	1.4	0.8	0.3
2160	1/12/2014 1:31:05	9.41	50.22	32.66	8.75	7.82	3.0	2.635	94.3	1.6	0.9	0.4
2161	1/12/2014 1:46:05	9.41	50.30	32.71	8.84	7.82	3.4	2.573	95.2	1.8	1.0	0.4
2162	1/12/2014 2:01:05	9.42	50.23	32.67	8.66	7.82	3.1	2.550	93.3	1.3	0.7	0.3
2163	1/12/2014 2:16:05	9.42	50.19	32.64	8.73	7.82	2.7	2.545	94.1	1.8	1.0	0.4
2164	1/12/2014 2:31:05	9.46	50.18	32.63	8.76	7.82	3.2	2.488	94.5	1.4	0.8	0.3
2165	1/12/2014 2:46:05	9.49	50.17	32.63	8.74	7.82	2.6	2.525	94.3	1.3	0.7	0.3
2166	1/12/2014 3:01:05	9.41	50.20	32.64	8.74	7.82	3.9	2.533	94.2	1.0	0.6	0.2
2167	1/12/2014 3:16:05	9.49	50.19	32.65	8.79	7.82	2.5	2.526	94.8	1.9	1.1	0.4
2168	1/12/2014 3:31:05	9.47	50.19	32.64	8.81	7.81	3.0	2.574	95.0	1.1	0.6	0.3
2169	1/12/2014 3:46:05	9.48	50.22	32.66	8.80	7.81	3.3	2.580	94.9	1.1	0.6	0.3
2170	1/12/2014 4:01:05	9.49	50.24	32.68	8.80	7.81	3.4	2.623	95.0	1.6	0.9	0.4
2171	1/12/2014 4:16:05	9.52	50.24	32.68	8.77	7.81	4.0	2.657	94.8	1.3	0.7	0.3
2172	1/12/2014 4:31:05	9.50	50.22	32.67	8.78	7.81	4.8	2.718	94.8	1.8	1.0	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
2173	1/12/2014 4:46:05	9.51	50.27	32.70	8.75	7.81	5.1	2.807	94.6	1.3	0.7	0.3
2174	1/12/2014 5:01:05	9.55	50.31	32.73	8.79	7.81	4.2	2.915	95.0	1.6	0.9	0.4
2175	1/12/2014 5:16:05	9.56	50.32	32.74	8.81	7.81	4.5	2.961	95.3	0.9	0.5	0.2
2176	1/12/2014 5:31:05	9.60	50.34	32.76	8.84	7.82	4.1	3.028	95.7	1.5	0.9	0.4
2177	1/12/2014 5:46:05	9.65	50.36	32.78	8.90	7.83	3.9	3.069	96.5	1.2	0.7	0.3
2178	1/12/2014 6:01:05	9.71	50.40	32.81	8.96	7.83	3.5	3.126	97.3	1.4	0.8	0.3
2179	1/12/2014 6:16:05	9.78	50.42	32.83	9.03	7.84	3.9	3.228	98.2	1.9	1.1	0.4
2180	1/12/2014 6:31:05	9.86	50.44	32.85	9.10	7.84	3.7	3.278	99.1	1.5	0.9	0.4
2181	1/12/2014 6:46:05	9.94	50.47	32.87	9.20	7.86	3.1	3.371	100.4	1.5	0.9	0.4
2182	1/12/2014 7:01:05	9.94	50.47	32.88	9.20	7.86	3.4	3.422	100.5	1.2	0.7	0.3
2183	1/12/2014 7:16:05	10.02	50.48	32.89	9.27	7.87	3.6	3.462	101.3	1.6	0.9	0.4
2184	1/12/2014 7:31:05	10.05	50.49	32.90	9.32	7.87	3.3	3.555	102.0	1.6	0.9	0.4
2185	1/12/2014 7:46:05	10.05	50.50	32.91	9.33	7.88	3.6	3.573	102.1	1.6	0.9	0.4
2186	1/12/2014 8:01:05	10.07	50.49	32.90	9.30	7.88	2.8	3.641	101.8	1.7	1.0	0.4
2187	1/12/2014 8:16:05	10.07	50.50	32.91	9.33	7.88	3.4	3.724	102.1	1.1	0.6	0.3
2188	1/12/2014 8:31:05	10.07	50.49	32.90	9.25	7.88	2.4	3.703	101.3	1.0	0.6	0.2
2189	1/12/2014 8:46:05	9.88	50.65	33.00	9.24	7.87	2.0	3.744	100.8	1.4	0.8	0.3
2190	1/12/2014 9:01:05	9.33	50.20	32.64	8.59	7.80	3.2	3.755	92.4	1.4	0.8	0.3
2191	1/12/2014 9:16:05	8.98	50.28	32.67	8.48	7.75	3.6	3.769	90.5	1.5	0.9	0.4
2192	1/12/2014 9:31:05	9.70	50.40	32.81	8.97	7.83	2.8	3.739	97.4	1.6	0.9	0.4
2193	1/12/2014 9:46:05	9.66	50.41	32.82	9.03	7.84	3.2	3.707	97.9	1.3	0.7	0.3
2194	1/12/2014 10:01:05	9.59	50.38	32.78	8.93	7.83	2.8	3.641	96.7	1.2	0.7	0.3
2195	1/12/2014 10:16:05	9.76	50.42	32.83	9.08	7.84	3.0	3.584	98.7	1.7	1.0	0.4
2196	1/12/2014 10:31:05	9.74	50.40	32.81	9.07	7.84	2.8	3.482	98.5	1.3	0.7	0.3
2197	1/12/2014 10:46:05	9.60	50.36	32.77	8.93	7.83	2.9	3.426	96.7	1.9	1.1	0.5
2198	1/12/2014 11:01:05	9.74	50.37	32.79	8.99	7.84	3.6	3.352	97.7	1.6	0.9	0.4
2199	1/12/2014 11:16:05	9.89	50.39	32.82	9.13	7.86	3.4	3.203	99.5	1.3	0.7	0.3
2200	1/12/2014 11:31:05	9.92	50.39	32.82	9.17	7.86	2.9	3.131	100.0	1.5	0.9	0.4
2201	1/12/2014 11:46:05	9.93	50.39	32.82	9.19	7.86	3.6	3.032	100.3	1.9	1.1	0.4
2202	1/12/2014 12:01:05	9.82	50.30	32.74	9.12	7.84	3.1	2.891	99.2	1.1	0.6	0.3
2203	1/12/2014 12:16:05	9.89	50.34	32.78	9.24	7.85	3.7	2.778	100.7	1.3	0.7	0.3
2204	1/12/2014 12:31:05	9.87	50.31	32.76	9.23	7.85	3.4	2.707	100.6	1.1	0.6	0.3
2205	1/12/2014 12:46:05	10.00	50.36	32.80	9.35	7.86	3.1	2.577	102.1	0.8	0.5	0.2
2206	1/12/2014 13:01:05	10.00	50.32	32.77	9.39	7.86	3.6	2.448	102.6	1.7	1.0	0.4
2207	1/12/2014 13:16:05	10.04	50.27	32.74	9.42	7.87	5.0	2.299	102.9	1.1	0.6	0.3
2208	1/12/2014 13:31:05	10.02	50.27	32.74	9.39	7.87	3.7	2.187	102.6	1.4	0.8	0.3
2209	1/12/2014 13:46:05	9.97	50.15	32.65	9.41	7.87	4.2	2.033	102.6	1.2	0.7	0.3
2210	1/12/2014 14:01:05	9.99	50.08	32.60	9.56	7.89	4.0	1.909	104.2	1.1	0.6	0.3
2211	1/12/2014 14:16:05	9.95	50.05	32.57	9.50	7.89	3.4	1.829	103.6	1.0	0.6	0.2
2212	1/12/2014 14:31:05	9.96	50.00	32.54	9.56	7.89	3.4	1.696	104.2	1.0	0.6	0.2
2213	1/12/2014 14:46:05	9.96	49.92	32.48	9.61	7.90	3.1	1.584	104.7	1.4	0.8	0.3

sonde #2			Indian Island Long-Term Deployment Water Quality Data									
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	ChlorophyllI	Corrected ChlorophyllI (Corrected ratio = 0.57)	Fluorescence	
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters				DO%
2214	1/12/2014 15:01:05	9.99	49.87	32.44	9.65	7.91	3.2	1.499	105.2	1.5	0.9	0.4
2215	1/12/2014 15:16:05	10.01	49.76	32.37	9.71	7.92	3.1	1.422	105.8	1.4	0.8	0.3
2216	1/12/2014 15:31:05	10.03	49.66	32.30	9.71	7.93	3.3	1.365	105.8	1.7	1.0	0.4
2217	1/12/2014 15:46:05	10.18	49.87	32.46	9.76	7.91	3.4	1.362	106.8	1.2	0.7	0.3
2218	1/12/2014 16:01:05	10.07	49.74	32.36	9.73	7.93	3.2	1.368	106.2	1.2	0.7	0.3
2219	1/12/2014 16:16:05	10.02	49.71	32.33	9.68	7.92	3.3	1.412	105.5	1.5	0.9	0.3
2220	1/12/2014 16:31:05	10.01	49.74	32.36	9.66	7.92	3.4	1.471	105.3	0.9	0.5	0.2
2221	1/12/2014 16:46:05	9.99	49.71	32.33	9.69	7.92	3.2	1.566	105.5	0.9	0.5	0.2
2222	1/12/2014 17:01:05	9.98	49.73	32.34	9.64	7.92	3.0	1.604	105.0	1.3	0.7	0.3
2223	1/12/2014 17:16:05	9.98	49.54	32.20	9.53	7.91	3.7	1.655	103.7	1.4	0.8	0.3
2224	1/12/2014 17:31:05	9.97	49.63	32.27	9.54	7.91	3.4	1.731	103.8	1.1	0.6	0.3
2225	1/12/2014 17:46:05	9.97	49.57	32.23	9.48	7.90	3.6	1.794	103.2	1.8	1.0	0.4
2226	1/12/2014 18:01:05	9.96	49.54	32.21	9.49	7.91	3.7	1.868	103.2	1.7	1.0	0.4
2227	1/12/2014 18:16:05	9.95	49.52	32.19	9.41	7.90	3.9	1.917	102.3	1.7	1.0	0.4
2228	1/12/2014 18:31:05	9.95	49.50	32.18	9.41	7.89	3.9	2.012	102.3	1.4	0.8	0.3
2229	1/12/2014 18:46:05	9.93	49.67	32.30	9.36	7.89	4.0	2.079	101.8	1.0	0.6	0.2
2230	1/12/2014 19:01:05	9.91	49.74	32.34	9.35	7.89	3.5	2.146	101.7	1.4	0.8	0.3
2231	1/12/2014 19:16:05	9.88	49.78	32.38	9.32	7.88	3.7	2.262	101.3	1.9	1.1	0.4
2232	1/12/2014 19:31:05	9.84	49.99	32.52	9.18	7.86	3.6	2.318	99.8	1.5	0.9	0.4
2233	1/12/2014 19:46:05	9.80	50.03	32.55	9.17	7.85	3.4	2.415	99.6	1.6	0.9	0.4
2234	1/12/2014 20:01:05	9.78	50.06	32.57	9.17	7.85	3.9	2.525	99.6	1.2	0.7	0.3
2235	1/12/2014 20:16:05	9.77	50.06	32.57	9.16	7.85	3.6	2.593	99.5	1.2	0.7	0.3
2236	1/12/2014 20:31:05	9.76	50.10	32.60	9.14	7.85	4.0	2.664	99.2	1.6	0.9	0.4
2237	1/12/2014 20:46:05	9.76	50.14	32.63	9.12	7.85	3.9	2.764	99.0	1.6	0.9	0.4
2238	1/12/2014 21:01:05	9.76	50.14	32.63	9.10	7.85	3.3	2.817	98.8	1.8	1.0	0.4
2239	1/12/2014 21:16:05	9.77	50.15	32.64	9.08	7.84	3.4	2.880	98.6	1.3	0.7	0.3
2240	1/12/2014 21:31:05	9.80	50.16	32.65	9.09	7.84	3.5	2.941	98.8	1.6	0.9	0.4
2241	1/12/2014 21:46:05	9.81	50.18	32.66	9.07	7.84	4.6	2.979	98.6	2.0	1.1	0.5
2242	1/12/2014 22:01:05	9.86	50.22	32.69	9.10	7.85	3.4	3.057	99.0	2.2	1.3	0.5
2243	1/12/2014 22:16:05	9.87	50.24	32.70	9.07	7.85	2.9	3.075	98.8	1.3	0.7	0.3
2244	1/12/2014 22:31:05	9.85	50.25	32.71	9.02	7.84	2.8	3.103	98.2	1.7	1.0	0.4
2245	1/12/2014 22:46:05	9.88	50.24	32.71	9.01	7.84	3.2	3.139	98.1	1.6	0.9	0.4
2246	1/12/2014 23:01:05	9.65	50.18	32.64	8.93	7.84	3.2	3.146	96.7	1.5	0.9	0.4
2247	1/12/2014 23:16:05	9.67	50.12	32.61	8.88	7.83	3.1	3.151	96.3	1.5	0.9	0.4
2248	1/12/2014 23:31:05	9.72	50.17	32.65	8.96	7.83	3.0	3.098	97.2	1.3	0.7	0.3
2249	1/12/2014 23:46:05	9.66	50.16	32.63	8.94	7.83	3.9	3.067	96.8	1.8	1.0	0.4
2250	1/13/2014 0:01:05	9.63	50.15	32.63	8.94	7.83	4.2	3.014	96.7	1.6	0.9	0.4
2251	1/13/2014 0:16:05	9.56	50.01	32.52	8.91	7.83	4.0	2.966	96.3	1.8	1.0	0.4
2252	1/13/2014 0:31:05	9.58	50.12	32.60	8.93	7.83	3.9	2.889	96.5	1.8	1.0	0.4
2253	1/13/2014 0:46:05	9.58	50.12	32.60	8.94	7.83	4.3	2.821	96.6	1.5	0.9	0.3
2254	1/13/2014 1:01:05	9.55	50.13	32.60	8.91	7.82	3.7	2.789	96.2	1.8	1.0	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
2255	1/13/2014 1:16:05	9.56	50.10	32.58	8.94	7.83	3.9	2.713	96.6	1.7	1.0	0.4
2256	1/13/2014 1:31:05	9.58	49.89	32.43	8.95	7.83	4.5	2.646	96.7	2.1	1.2	0.5
2257	1/13/2014 1:46:05	9.54	50.10	32.58	8.93	7.83	4.9	2.597	96.5	1.2	0.7	0.3
2258	1/13/2014 2:01:05	9.63	50.02	32.53	8.94	7.83	3.7	2.544	96.7	1.6	0.9	0.4
2259	1/13/2014 2:16:05	9.40	50.09	32.56	8.86	7.82	3.9	2.491	95.4	1.7	1.0	0.4
2260	1/13/2014 2:31:05	9.34	50.09	32.56	8.81	7.82	3.7	2.448	94.7	1.6	0.9	0.4
2261	1/13/2014 2:46:05	9.38	50.03	32.52	8.79	7.82	3.7	2.402	94.6	1.9	1.1	0.5
2262	1/13/2014 3:01:05	9.39	50.01	32.51	8.84	7.83	3.2	2.374	95.1	1.4	0.8	0.3
2263	1/13/2014 3:16:05	9.45	49.96	32.47	8.90	7.84	3.7	2.366	95.8	1.5	0.9	0.4
2264	1/13/2014 3:31:05	9.43	49.91	32.44	8.88	7.84	2.6	2.370	95.5	1.1	0.6	0.3
2265	1/13/2014 3:46:05	9.50	49.84	32.39	8.94	7.85	2.5	2.353	96.4	1.8	1.0	0.4
2266	1/13/2014 4:01:05	9.48	49.94	32.46	8.99	7.85	3.0	2.403	96.9	0.8	0.5	0.2
2267	1/13/2014 4:16:05	9.53	49.99	32.50	8.98	7.84	2.6	2.432	96.9	1.2	0.7	0.3
2268	1/13/2014 4:31:05	9.52	50.00	32.51	9.00	7.84	2.8	2.480	97.1	1.4	0.8	0.3
2269	1/13/2014 4:46:05	9.47	49.87	32.41	8.91	7.83	4.0	2.530	96.0	1.2	0.7	0.3
2270	1/13/2014 5:01:05	9.42	49.74	32.32	8.88	7.84	3.7	2.594	95.5	1.3	0.7	0.3
2271	1/13/2014 5:16:05	9.53	49.95	32.47	8.90	7.83	3.6	2.658	96.0	1.1	0.6	0.3
2272	1/13/2014 5:31:05	9.54	50.00	32.51	8.86	7.83	3.4	2.717	95.7	1.1	0.6	0.3
2273	1/13/2014 5:46:05	9.58	50.05	32.55	8.88	7.83	3.4	2.799	96.0	1.2	0.7	0.3
2274	1/13/2014 6:01:05	9.59	50.09	32.58	8.91	7.83	3.4	2.861	96.3	1.3	0.7	0.3
2275	1/13/2014 6:16:05	9.66	50.16	32.63	8.95	7.83	3.2	2.915	97.0	1.5	0.9	0.4
2276	1/13/2014 6:31:05	9.70	50.20	32.66	9.01	7.84	3.3	2.979	97.7	1.6	0.9	0.4
2277	1/13/2014 6:46:05	9.76	50.24	32.70	9.06	7.84	3.6	3.057	98.4	1.4	0.8	0.3
2278	1/13/2014 7:01:05	9.81	50.30	32.74	9.12	7.85	3.9	3.127	99.2	1.6	0.9	0.4
2279	1/13/2014 7:16:05	9.91	50.36	32.80	9.24	7.86	3.9	3.208	100.7	1.7	1.0	0.4
2280	1/13/2014 7:31:05	9.96	50.40	32.82	9.32	7.87	4.0	3.295	101.8	1.0	0.6	0.2
2281	1/13/2014 7:46:05	10.02	50.43	32.85	9.41	7.87	4.3	3.365	102.9	0.9	0.5	0.2
2282	1/13/2014 8:01:05	10.04	50.45	32.87	9.45	7.88	5.4	3.430	103.3	1.2	0.7	0.3
2283	1/13/2014 8:16:05	10.07	50.48	32.89	9.52	7.88	5.1	3.491	104.2	1.4	0.8	0.3
2284	1/13/2014 8:31:05	10.11	50.50	32.91	9.55	7.89	5.0	3.584	104.7	1.8	1.0	0.4
2285	1/13/2014 8:46:05	10.12	50.50	32.91	9.55	7.89	3.8	3.634	104.7	1.4	0.8	0.3
2286	1/13/2014 9:01:05	10.12	50.50	32.91	9.57	7.90	3.4	3.680	104.9	1.9	1.1	0.5
2287	1/13/2014 9:16:05	10.08	50.50	32.91	9.48	7.89	2.7	3.724	103.8	1.6	0.9	0.4
2288	1/13/2014 9:31:05	10.06	50.47	32.89	9.42	7.89	5.7	3.758	103.1	1.6	0.9	0.4
2289	1/13/2014 9:46:05	8.99	51.23	33.36	8.97	7.85	2.4	3.767	96.2	1.4	0.8	0.3
2290	1/13/2014 10:01:05	9.34	50.26	32.68	9.09	7.83	2.7	3.750	97.8	1.3	0.7	0.3
2291	1/13/2014 10:16:05	9.83	50.29	32.74	9.39	7.87	2.5	3.742	102.2	0.9	0.5	0.2
2292	1/13/2014 10:31:05	9.85	50.37	32.80	9.39	7.87	4.2	3.690	102.2	1.6	0.9	0.4
2293	1/13/2014 10:46:05	9.99	50.40	32.83	9.49	7.88	3.5	3.618	103.7	1.2	0.7	0.3
2294	1/13/2014 11:01:05	10.09	50.43	32.86	9.54	7.89	3.1	3.555	104.5	1.9	1.1	0.4
2295	1/13/2014 11:16:05	9.92	50.35	32.79	9.42	7.87	3.6	3.460	102.7	1.5	0.9	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
2296	1/13/2014 11:31:05	9.88	50.33	32.78	9.36	7.86	3.7	3.364	101.9	1.5	0.9	0.4
2297	1/13/2014 11:46:05	9.96	50.34	32.79	9.46	7.88	3.2	3.256	103.2	1.1	0.6	0.3
2298	1/13/2014 12:01:05	10.01	50.32	32.77	9.49	7.88	3.9	3.151	103.7	1.2	0.7	0.3
2299	1/13/2014 12:16:05	10.07	50.32	32.78	9.53	7.88	4.2	3.048	104.2	1.1	0.6	0.3
2300	1/13/2014 12:31:05	10.09	50.31	32.77	9.55	7.88	4.3	2.932	104.5	1.5	0.9	0.4
2301	1/13/2014 12:46:05	10.04	50.23	32.71	9.53	7.88	3.2	2.813	104.2	1.0	0.6	0.2
2302	1/13/2014 13:01:05	10.02	50.18	32.67	9.56	7.88	3.2	2.703	104.4	1.1	0.6	0.3
2303	1/13/2014 13:16:05	10.17	50.18	32.68	9.64	7.88	3.6	2.571	105.6	1.0	0.6	0.2
2304	1/13/2014 13:31:05	10.13	50.18	32.68	9.61	7.89	5.0	2.434	105.2	1.2	0.7	0.3
2305	1/13/2014 13:46:05	10.27	50.18	32.69	9.71	7.90	5.4	2.324	106.6	2.1	1.2	0.5
2306	1/13/2014 14:01:05	10.11	50.09	32.61	9.70	7.90	4.3	2.182	106.1	1.6	0.9	0.4
2307	1/13/2014 14:16:05	10.13	50.01	32.56	9.69	7.90	4.2	2.029	106.0	0.9	0.5	0.2
2308	1/13/2014 14:31:05	10.12	49.92	32.49	9.78	7.91	3.7	1.904	106.9	1.7	1.0	0.4
2309	1/13/2014 14:46:05	10.15	49.91	32.48	9.83	7.91	3.7	1.776	107.6	1.1	0.6	0.3
2310	1/13/2014 15:01:05	10.02	49.79	32.39	9.77	7.91	3.1	1.645	106.5	1.3	0.7	0.3
2311	1/13/2014 15:16:05	10.06	49.76	32.37	9.80	7.91	2.9	1.527	106.9	1.7	1.0	0.4
2312	1/13/2014 15:31:05	10.07	49.74	32.35	9.87	7.91	3.2	1.408	107.7	1.5	0.9	0.3
2313	1/13/2014 15:46:05	10.07	49.64	32.29	9.89	7.92	2.8	1.346	107.8	1.4	0.8	0.3
2314	1/13/2014 16:01:05	10.09	49.56	32.23	9.86	7.93	2.7	1.286	107.5	1.2	0.7	0.3
2315	1/13/2014 16:16:05	10.09	49.49	32.18	9.81	7.92	2.8	1.244	106.9	1.2	0.7	0.3
2316	1/13/2014 16:31:05	10.10	49.59	32.25	9.84	7.92	2.8	1.254	107.4	1.5	0.9	0.4
2317	1/13/2014 16:46:05	10.05	49.48	32.17	9.91	7.93	2.9	1.302	108.0	1.3	0.7	0.3
2318	1/13/2014 17:01:05	10.01	49.51	32.19	9.90	7.92	2.8	1.338	107.7	1.8	1.0	0.4
2319	1/13/2014 17:16:05	9.98	49.52	32.19	9.88	7.92	2.9	1.389	107.4	1.6	0.9	0.4
2320	1/13/2014 17:31:05	9.93	49.51	32.18	9.87	7.93	2.8	1.474	107.3	1.3	0.7	0.3
2321	1/13/2014 17:46:05	9.87	49.43	32.12	9.81	7.92	3.6	1.542	106.4	1.0	0.6	0.2
2322	1/13/2014 18:01:05	9.85	49.26	31.99	9.69	7.91	4.5	1.600	105.0	1.4	0.8	0.3
2323	1/13/2014 18:16:05	9.86	49.27	32.00	9.61	7.91	3.9	1.672	104.1	0.8	0.5	0.2
2324	1/13/2014 18:31:05	9.88	49.33	32.05	9.63	7.91	4.4	1.734	104.5	1.0	0.6	0.2
2325	1/13/2014 18:46:05	9.85	49.26	32.00	9.55	7.90	4.3	1.811	103.5	1.2	0.7	0.3
2326	1/13/2014 19:01:05	9.86	49.35	32.06	9.50	7.89	4.2	1.878	103.0	1.4	0.8	0.3
2327	1/13/2014 19:16:05	9.90	49.52	32.19	9.53	7.89	3.9	1.966	103.5	1.0	0.6	0.2
2328	1/13/2014 19:31:05	9.89	49.59	32.24	9.51	7.89	3.9	2.066	103.3	1.8	1.0	0.4
2329	1/13/2014 19:46:05	9.89	49.72	32.33	9.42	7.88	4.2	2.143	102.4	1.1	0.6	0.3
2330	1/13/2014 20:01:05	9.88	49.84	32.41	9.35	7.87	3.6	2.244	101.6	1.5	0.9	0.4
2331	1/13/2014 20:16:05	9.83	49.89	32.45	9.28	7.87	3.9	2.349	100.8	1.7	1.0	0.4
2332	1/13/2014 20:31:05	9.82	49.90	32.45	9.25	7.86	3.9	2.431	100.4	1.7	1.0	0.4
2333	1/13/2014 20:46:05	9.82	49.94	32.48	9.22	7.86	4.1	2.520	100.2	1.3	0.7	0.3
2334	1/13/2014 21:01:04	9.82	50.01	32.53	9.25	7.86	3.7	2.617	100.5	1.4	0.8	0.3
2335	1/13/2014 21:16:04	9.84	50.02	32.54	9.24	7.86	3.8	2.700	100.5	1.6	0.9	0.4
2336	1/13/2014 21:31:05	9.85	50.06	32.57	9.25	7.86	4.0	2.764	100.6	1.9	1.1	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
2337	1/13/2014 21:46:05	9.86	50.08	32.59	9.23	7.86	4.0	2.839	100.4	1.0	0.6	0.2
2338	1/13/2014 22:01:05	9.89	50.10	32.60	9.27	7.86	4.2	2.909	100.9	1.5	0.9	0.4
2339	1/13/2014 22:16:05	9.90	50.12	32.62	9.29	7.86	4.0	2.961	101.2	1.0	0.6	0.2
2340	1/13/2014 22:31:05	9.93	50.15	32.65	9.32	7.86	4.2	3.022	101.5	1.8	1.0	0.4
2341	1/13/2014 22:46:05	9.97	50.18	32.67	9.33	7.87	4.2	3.068	101.8	1.6	0.9	0.4
2342	1/13/2014 23:01:05	9.99	50.23	32.71	9.31	7.87	3.5	3.105	101.7	1.5	0.9	0.4
2343	1/13/2014 23:16:05	10.02	50.26	32.73	9.35	7.87	3.2	3.147	102.1	1.6	0.9	0.4
2344	1/13/2014 23:31:05	10.02	50.27	32.74	9.28	7.86	3.4	3.166	101.3	2.5	1.4	0.6
2345	1/13/2014 23:46:05	9.80	50.07	32.58	9.06	7.85	3.2	3.174	98.5	1.5	0.9	0.3
2346	1/14/2014 0:01:05	9.70	50.09	32.58	9.09	7.85	3.6	3.150	98.5	2.0	1.1	0.5
2347	1/14/2014 0:16:05	9.88	50.20	32.68	9.25	7.86	3.4	3.125	100.7	1.3	0.7	0.3
2348	1/14/2014 0:31:05	9.86	50.19	32.67	9.21	7.86	3.4	3.111	100.3	1.5	0.9	0.3
2349	1/14/2014 0:46:05	9.63	50.12	32.60	9.13	7.85	4.2	3.031	98.8	2.0	1.1	0.5
2350	1/14/2014 1:01:05	9.44	50.02	32.51	9.07	7.84	4.2	2.966	97.7	1.8	1.0	0.4
2351	1/14/2014 1:16:05	9.54	50.08	32.57	9.09	7.84	3.7	2.919	98.1	1.9	1.1	0.4
2352	1/14/2014 1:31:06	9.50	50.04	32.53	9.02	7.83	3.6	2.840	97.4	1.2	0.7	0.3
2353	1/14/2014 1:46:05	9.51	50.04	32.54	9.03	7.83	3.9	2.766	97.5	2.4	1.4	0.6
2354	1/14/2014 2:01:05	9.49	50.05	32.54	9.04	7.83	3.7	2.708	97.5	1.9	1.1	0.5
2355	1/14/2014 2:16:05	9.45	50.01	32.51	9.00	7.84	3.7	2.646	97.0	2.0	1.1	0.5
2356	1/14/2014 2:31:05	9.39	50.00	32.49	8.97	7.84	3.1	2.591	96.5	1.7	1.0	0.4
2357	1/14/2014 2:46:05	9.37	50.07	32.55	8.96	7.83	3.2	2.527	96.4	1.8	1.0	0.4
2358	1/14/2014 3:01:05	9.31	50.10	32.56	8.93	7.83	3.0	2.461	95.9	0.9	0.5	0.2
2359	1/14/2014 3:16:05	9.32	50.01	32.50	8.98	7.83	3.4	2.438	96.5	1.4	0.8	0.3
2360	1/14/2014 3:31:05	9.34	49.99	32.49	9.01	7.83	3.1	2.401	96.9	1.0	0.6	0.2
2361	1/14/2014 3:46:05	9.33	49.90	32.42	8.99	7.84	2.5	2.361	96.6	0.8	0.5	0.2
2362	1/14/2014 4:01:05	9.25	49.84	32.37	8.94	7.84	2.1	2.357	95.9	1.1	0.6	0.3
2363	1/14/2014 4:16:05	9.22	49.81	32.35	8.86	7.83	2.6	2.348	94.9	1.1	0.6	0.3
2364	1/14/2014 4:31:05	9.24	49.80	32.34	9.02	7.84	2.6	2.338	96.6	1.6	0.9	0.4
2365	1/14/2014 4:46:06	9.30	49.86	32.39	9.04	7.84	2.7	2.386	97.0	1.3	0.7	0.3
2366	1/14/2014 5:01:05	9.38	49.89	32.42	9.09	7.84	2.8	2.422	97.7	1.2	0.7	0.3
2367	1/14/2014 5:16:05	9.39	49.93	32.45	9.10	7.84	2.8	2.475	97.8	1.1	0.6	0.3
2368	1/14/2014 5:31:05	9.34	49.88	32.41	9.08	7.84	3.7	2.526	97.5	1.6	0.9	0.4
2369	1/14/2014 5:46:05	9.32	49.82	32.36	9.04	7.84	3.6	2.583	97.0	1.1	0.6	0.3
2370	1/14/2014 6:01:05	9.40	49.93	32.45	9.05	7.84	3.4	2.652	97.4	1.5	0.9	0.4
2371	1/14/2014 6:16:05	9.45	49.98	32.49	9.06	7.84	3.8	2.723	97.6	1.7	1.0	0.4
2372	1/14/2014 6:31:05	9.50	50.03	32.52	9.06	7.84	3.4	2.769	97.7	1.3	0.7	0.3
2373	1/14/2014 6:46:05	9.53	50.04	32.54	9.09	7.84	3.5	2.845	98.2	1.1	0.6	0.3
2374	1/14/2014 7:01:05	9.68	50.14	32.62	9.18	7.85	3.4	2.916	99.5	1.2	0.7	0.3
2375	1/14/2014 7:16:05	9.75	50.20	32.67	9.26	7.86	3.8	2.990	100.5	1.8	1.0	0.4
2376	1/14/2014 7:31:05	9.79	50.22	32.69	9.29	7.86	4.3	3.070	101.0	1.6	0.9	0.4
2377	1/14/2014 7:46:05	9.84	50.29	32.74	9.33	7.87	4.3	3.147	101.6	1.3	0.7	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.57)	Fluorescence %FS
2378	1/14/2014 8:01:05	9.90	50.34	32.78	9.39	7.87	4.9	3.244	102.4	1.1	0.6	0.3
2379	1/14/2014 8:16:05	9.94	50.37	32.81	9.44	7.87	4.7	3.313	103.0	1.5	0.9	0.4
2380	1/14/2014 8:31:05	9.95	50.39	32.82	9.46	7.88	5.5	3.390	103.2	1.1	0.6	0.3
2381	1/14/2014 8:46:05	9.99	50.42	32.84	9.54	7.89	5.8	3.485	104.2	1.8	1.0	0.4
2382	1/14/2014 9:01:05	10.00	50.46	32.87	9.58	7.89	6.1	3.562	104.7	1.3	0.7	0.3
2383	1/14/2014 9:16:05	9.99	50.47	32.88	9.63	7.90	5.0	3.614	105.2	1.1	0.6	0.3
2384	1/14/2014 9:31:05	9.98	50.46	32.88	9.64	7.90	4.5	3.696	105.3	1.7	1.0	0.4
	Mean	8.67	50.74	32.97	9.40	7.87	5.20	2.67	99.88	1.69	0.96	0.40
	Minimum	6.84	49.26	31.99	8.37	7.75	1.50	0.75	89.10	0.20	0.00	0.00
	Maximum	10.27	51.52	33.49	10.94	8.03	31.60	4.25	115.50	16.70	9.52	4.00

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

Chlorophyll/Fluorescence displayed as *in vivo* (non-extractive) readings from YSI 6025 chlorophyll probe

Chlorophyll corrected with ratio derived from extractive analysis; Sample collected at 13:30; value = 1.37

sonde #3			Indian Island Long-Term Deployment Water Quality Data									
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
0	1/14/2014 10:01:10	10.03	50.17	32.66	9.36	8.01	3.1	3.650	102.2	2.4	0.6	0.6
1	1/14/2014 10:16:11	9.62	50.31	32.74	9.11	7.99	2.9	3.674	98.6	2.1	0.6	0.5
2	1/14/2014 10:31:11	9.16	50.06	32.53	8.99	7.97	2.1	3.681	96.2	1.7	0.5	0.4
3	1/14/2014 10:46:11	9.84	50.29	32.74	9.29	8.01	3.2	3.650	101.1	1.8	0.5	0.4
4	1/14/2014 11:01:11	9.95	50.10	32.61	9.42	8.02	5.4	3.604	102.7	2.4	0.6	0.6
5	1/14/2014 11:16:11	9.90	50.40	32.83	9.34	8.02	3.3	3.569	101.9	1.9	0.5	0.4
6	1/14/2014 11:31:11	10.08	50.37	32.81	9.39	8.02	3.7	3.482	102.8	1.8	0.5	0.4
7	1/14/2014 11:46:11	10.08	50.28	32.75	9.43	8.03	4.2	3.411	103.2	1.9	0.5	0.5
8	1/14/2014 12:01:11	10.13	50.33	32.79	9.42	8.02	3.2	3.318	103.2	1.7	0.5	0.4
9	1/14/2014 12:16:11	9.94	50.32	32.77	9.32	8.01	3.7	3.206	101.6	1.4	0.4	0.3
10	1/14/2014 12:31:11	9.99	50.22	32.70	9.33	8.01	2.8	3.111	101.8	1.7	0.5	0.4
11	1/14/2014 12:46:11	9.99	50.37	32.81	9.34	8.02	3.7	2.993	102.0	1.1	0.3	0.3
12	1/14/2014 13:01:11	10.02	50.16	32.66	9.34	8.02	3.5	2.889	102.1	1.7	0.5	0.4
13	1/14/2014 13:16:11	10.09	50.23	32.71	9.39	8.02	4.1	2.761	102.7	2.0	0.5	0.5
14	1/14/2014 13:31:11	10.17	50.04	32.58	9.43	8.03	3.2	2.664	103.2	1.7	0.5	0.4
15	1/14/2014 13:46:11	10.34	50.24	32.74	9.55	8.04	3.2	2.541	105.1	1.4	0.4	0.3
16	1/14/2014 14:01:11	10.45	50.24	32.74	9.59	8.05	3.1	2.407	105.7	1.6	0.4	0.4
17	1/14/2014 14:16:11	10.36	50.15	32.67	9.61	8.04	3.2	2.270	105.7	1.4	0.4	0.3
18	1/14/2014 14:31:11	10.29	50.18	32.69	9.61	8.04	5.0	2.124	105.6	1.4	0.4	0.3
19	1/14/2014 14:46:11	10.18	49.64	32.29	9.57	8.04	3.9	2.012	104.6	1.6	0.4	0.4
20	1/14/2014 15:01:11	10.17	49.95	32.52	9.73	8.06	5.0	1.839	106.5	1.7	0.5	0.4
21	1/14/2014 15:16:11	10.10	49.71	32.34	9.82	8.06	4.5	1.703	107.2	1.9	0.5	0.4
22	1/14/2014 15:31:11	10.05	49.87	32.45	9.70	8.05	3.2	1.608	105.8	1.4	0.4	0.3
23	1/14/2014 15:46:11	10.06	49.67	32.31	9.77	8.06	3.4	1.458	106.6	1.2	0.3	0.3
24	1/14/2014 16:01:11	10.05	49.82	32.41	9.78	8.06	3.1	1.354	106.7	2.0	0.5	0.5
25	1/14/2014 16:16:11	10.04	49.81	32.41	9.83	8.06	3.0	1.252	107.3	1.7	0.5	0.4
26	1/14/2014 16:31:11	10.04	49.61	32.26	9.90	8.07	2.7	1.163	107.9	1.5	0.4	0.4
27	1/14/2014 16:46:11	10.04	49.73	32.35	9.90	8.07	4.2	1.092	107.9	1.3	0.4	0.3
28	1/14/2014 17:01:11	10.14	49.80	32.40	9.85	8.07	3.7	1.095	107.6	1.6	0.4	0.4
29	1/14/2014 17:16:11	9.97	49.55	32.21	9.94	8.08	3.1	1.128	108.1	1.3	0.4	0.3
30	1/14/2014 17:31:11	9.89	49.49	32.17	9.90	8.08	2.6	1.172	107.4	1.1	0.3	0.3
31	1/14/2014 17:46:11	9.90	49.55	32.21	9.87	8.07	2.7	1.229	107.2	1.6	0.4	0.4
32	1/14/2014 18:01:11	9.79	49.30	32.02	9.86	8.07	2.6	1.309	106.7	1.7	0.5	0.4
33	1/14/2014 18:16:11	9.78	49.47	32.14	9.82	8.07	2.6	1.361	106.3	1.5	0.4	0.3
34	1/14/2014 18:31:11	9.58	49.15	31.90	9.62	8.05	4.8	1.427	103.5	1.8	0.5	0.4
35	1/14/2014 18:46:11	9.56	48.98	31.78	9.54	8.05	4.1	1.499	102.6	2.0	0.5	0.5
36	1/14/2014 19:01:11	9.59	49.19	31.93	9.51	8.05	4.0	1.596	102.4	1.8	0.5	0.4
37	1/14/2014 19:16:12	9.60	49.31	32.02	9.36	8.04	4.2	1.631	100.8	1.9	0.5	0.4
38	1/14/2014 19:31:11	9.65	49.23	31.96	9.40	8.04	3.8	1.719	101.4	1.4	0.4	0.3
39	1/14/2014 19:46:11	9.75	49.34	32.05	9.44	8.04	3.6	1.817	102.1	1.7	0.5	0.4
40	1/14/2014 20:01:11	9.77	49.52	32.18	9.42	8.04	3.7	1.881	102.0	1.4	0.4	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
41	1/14/2014 20:16:11	9.85	49.67	32.30	9.36	8.03	4.0	1.992	101.6	1.8	0.5	0.4
42	1/14/2014 20:31:11	9.89	49.78	32.37	9.23	8.02	4.0	2.075	100.3	1.8	0.5	0.4
43	1/14/2014 20:46:11	9.87	49.86	32.43	9.22	8.02	4.3	2.185	100.2	1.8	0.5	0.4
44	1/14/2014 21:01:11	9.87	49.72	32.33	9.22	8.02	3.9	2.273	100.1	2.1	0.6	0.5
45	1/14/2014 21:16:11	9.89	49.85	32.43	9.23	8.02	4.3	2.370	100.3	1.7	0.5	0.4
46	1/14/2014 21:31:11	9.91	49.93	32.48	9.22	8.02	4.2	2.482	100.3	1.9	0.5	0.5
47	1/14/2014 21:46:12	9.92	50.12	32.62	9.19	8.01	4.8	2.551	100.1	1.6	0.4	0.4
48	1/14/2014 22:01:11	9.92	49.93	32.48	9.18	8.01	5.0	2.629	100.0	2.3	0.6	0.5
49	1/14/2014 22:16:11	9.95	49.99	32.53	9.19	8.01	5.0	2.703	100.2	1.9	0.5	0.4
50	1/14/2014 22:31:12	9.98	50.15	32.65	9.17	8.01	5.0	2.776	100.0	1.4	0.4	0.3
51	1/14/2014 22:46:12	10.01	50.10	32.62	9.20	8.02	6.1	2.845	100.4	1.9	0.5	0.4
52	1/14/2014 23:01:11	10.02	50.12	32.63	9.23	8.02	4.9	2.932	100.8	2.1	0.6	0.5
53	1/14/2014 23:16:12	10.04	50.29	32.75	9.27	8.02	4.5	2.982	101.3	2.3	0.6	0.5
54	1/14/2014 23:31:11	10.04	50.26	32.74	9.29	8.02	5.0	3.022	101.6	2.3	0.6	0.5
55	1/14/2014 23:46:11	10.05	50.33	32.78	9.32	8.03	4.3	3.065	101.9	2.4	0.6	0.6
56	1/15/2014 0:01:11	10.02	50.49	32.90	9.37	8.03	3.6	3.096	102.5	2.0	0.5	0.5
57	1/15/2014 0:16:11	10.02	50.39	32.82	9.27	8.02	2.8	3.100	101.3	1.9	0.5	0.5
58	1/15/2014 0:31:12	9.78	50.10	32.60	9.03	8.01	3.1	3.098	98.0	9.5	2.6	2.2
59	1/15/2014 0:46:12	9.93	50.19	32.68	9.09	8.01	3.9	3.080	99.1	1.7	0.5	0.4
60	1/15/2014 1:01:11	9.97	50.29	32.75	9.28	8.02	4.0	3.041	101.3	2.1	0.6	0.5
61	1/15/2014 1:16:11	9.88	50.27	32.73	9.19	8.01	4.4	3.004	100.0	2.0	0.5	0.5
62	1/15/2014 1:31:11	9.77	49.87	32.43	9.15	8.01	4.7	2.948	99.2	1.9	0.5	0.4
63	1/15/2014 1:46:11	9.69	49.96	32.49	9.00	8.00	3.8	2.854	97.5	1.5	0.4	0.4
64	1/15/2014 2:01:12	9.67	49.91	32.45	9.00	8.00	5.5	2.784	97.4	2.5	0.7	0.6
65	1/15/2014 2:16:11	9.65	49.97	32.50	8.96	8.00	4.1	2.711	96.9	1.9	0.5	0.4
66	1/15/2014 2:31:11	9.61	50.04	32.54	8.93	8.00	3.4	2.642	96.6	2.9	0.8	0.7
67	1/15/2014 2:46:12	9.53	50.05	32.55	8.90	8.00	3.3	2.579	96.0	5.5	1.5	1.3
68	1/15/2014 3:01:12	9.47	49.89	32.42	8.89	8.00	3.6	2.510	95.8	1.8	0.5	0.4
69	1/15/2014 3:16:11	9.44	49.64	32.24	8.91	8.00	3.9	2.462	95.8	2.0	0.5	0.5
70	1/15/2014 3:31:11	9.50	49.73	32.31	8.95	8.00	3.5	2.391	96.4	2.1	0.6	0.5
71	1/15/2014 3:46:12	9.41	49.83	32.38	8.88	8.00	3.2	2.350	95.5	2.0	0.5	0.5
72	1/15/2014 4:01:11	9.50	49.90	32.43	8.88	8.00	2.9	2.293	95.7	1.8	0.5	0.4
73	1/15/2014 4:16:12	9.42	49.82	32.37	8.82	8.00	3.2	2.272	94.9	1.5	0.4	0.3
74	1/15/2014 4:31:12	9.34	49.81	32.35	8.84	8.00	3.9	2.233	95.0	2.0	0.5	0.5
75	1/15/2014 4:46:12	9.30	50.04	32.52	8.86	8.00	2.1	2.199	95.1	1.5	0.4	0.4
76	1/15/2014 5:01:12	9.25	49.57	32.18	8.80	8.00	1.9	2.230	94.2	1.8	0.5	0.4
77	1/15/2014 5:16:11	9.24	49.43	32.08	8.92	8.00	2.1	2.241	95.4	1.5	0.4	0.4
78	1/15/2014 5:31:12	9.32	49.83	32.37	8.91	8.00	2.3	2.246	95.7	1.6	0.4	0.4
79	1/15/2014 5:46:12	9.42	49.87	32.41	8.93	8.00	2.6	2.298	96.0	1.4	0.4	0.3
80	1/15/2014 6:01:12	9.48	49.90	32.43	8.94	8.00	2.7	2.341	96.3	1.6	0.4	0.4
81	1/15/2014 6:16:12	9.34	49.59	32.20	8.93	8.00	3.5	2.403	95.8	1.4	0.4	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
82	1/15/2014 6:31:12	9.33	49.81	32.36	8.88	8.00	4.0	2.454	95.4	2.0	0.5	0.5
83	1/15/2014 6:46:12	9.42	49.86	32.40	8.91	8.00	3.7	2.532	95.9	1.5	0.4	0.4
84	1/15/2014 7:01:12	9.47	50.02	32.52	8.91	8.00	3.9	2.598	96.1	1.7	0.5	0.4
85	1/15/2014 7:16:12	9.51	50.04	32.54	8.93	8.00	4.2	2.681	96.3	1.7	0.5	0.4
86	1/15/2014 7:31:12	9.60	49.87	32.42	8.96	8.00	3.9	2.736	96.8	1.9	0.5	0.4
87	1/15/2014 7:46:12	9.71	50.10	32.60	9.04	8.01	3.7	2.796	98.0	1.9	0.5	0.4
88	1/15/2014 8:01:12	9.76	50.08	32.58	9.09	8.01	4.2	2.878	98.7	1.6	0.4	0.4
89	1/15/2014 8:16:11	9.77	50.23	32.69	9.12	8.01	4.7	2.945	99.1	1.8	0.5	0.4
90	1/15/2014 8:31:12	9.80	50.18	32.66	9.20	8.02	5.1	3.041	100.0	1.8	0.5	0.4
91	1/15/2014 8:46:12	9.84	50.32	32.76	9.27	8.02	5.3	3.115	100.9	2.0	0.5	0.5
92	1/15/2014 9:01:12	9.85	50.18	32.66	9.31	8.03	6.0	3.201	101.3	1.8	0.5	0.4
93	1/15/2014 9:16:11	9.86	50.26	32.72	9.36	8.03	5.5	3.278	101.8	2.0	0.5	0.5
94	1/15/2014 9:31:12	9.86	50.33	32.77	9.40	8.03	6.3	3.367	102.3	1.9	0.5	0.5
95	1/15/2014 9:46:12	9.86	50.52	32.91	9.40	8.03	6.4	3.436	102.4	1.6	0.4	0.4
96	1/15/2014 10:01:12	9.85	50.43	32.84	9.43	8.04	6.7	3.497	102.7	2.2	0.6	0.5
97	1/15/2014 10:16:12	9.84	50.52	32.91	9.43	8.04	5.3	3.555	102.8	2.2	0.6	0.5
98	1/15/2014 10:31:11	9.83	50.51	32.90	9.44	8.04	4.5	3.609	102.8	1.9	0.5	0.5
99	1/15/2014 10:46:12	9.82	50.34	32.78	9.40	8.04	3.6	3.639	102.3	1.9	0.5	0.5
100	1/15/2014 11:01:11	9.77	50.54	32.91	9.39	8.03	3.4	3.653	102.1	1.8	0.5	0.4
101	1/15/2014 11:16:12	9.65	50.31	32.74	9.28	8.02	4.2	3.648	100.6	2.1	0.6	0.5
102	1/15/2014 11:31:12	9.78	50.62	32.97	9.32	8.03	4.2	3.623	101.4	2.0	0.5	0.5
103	1/15/2014 11:46:12	9.86	50.46	32.86	9.43	8.03	3.9	3.582	102.7	2.0	0.5	0.5
104	1/15/2014 12:01:11	9.87	50.03	32.55	9.43	8.03	6.1	3.519	102.6	2.2	0.6	0.5
105	1/15/2014 12:16:11	9.94	50.39	32.82	9.46	8.04	4.9	3.430	103.3	2.2	0.6	0.5
106	1/15/2014 12:31:12	10.22	50.16	32.67	9.60	8.05	3.6	3.327	105.3	1.4	0.4	0.3
107	1/15/2014 12:46:12	10.17	50.20	32.69	9.55	8.05	3.7	3.215	104.7	1.6	0.4	0.4
108	1/15/2014 13:01:12	9.90	50.20	32.68	9.45	8.04	3.6	3.107	102.9	1.5	0.4	0.4
109	1/15/2014 13:16:12	10.01	50.18	32.67	9.41	8.03	4.5	2.995	102.7	1.4	0.4	0.3
110	1/15/2014 13:31:12	9.98	50.11	32.62	9.45	8.04	3.5	2.884	103.1	1.5	0.4	0.4
111	1/15/2014 13:46:12	9.96	50.08	32.59	9.45	8.04	3.9	2.772	103.0	1.6	0.4	0.4
112	1/15/2014 14:01:12	9.99	50.08	32.60	9.54	8.04	3.4	2.655	104.0	1.6	0.4	0.4
113	1/15/2014 14:16:12	10.20	50.24	32.73	9.58	8.04	5.6	2.515	105.1	2.1	0.6	0.5
114	1/15/2014 14:31:12	10.35	50.44	32.88	9.72	8.06	3.5	2.411	107.0	1.5	0.4	0.4
115	1/15/2014 14:46:12	10.21	50.08	32.61	9.73	8.05	5.6	2.275	106.7	1.5	0.4	0.4
116	1/15/2014 15:01:12	10.19	49.87	32.46	9.83	8.06	5.7	2.135	107.6	1.8	0.5	0.4
117	1/15/2014 15:16:12	10.23	50.12	32.64	10.02	8.07	4.2	2.017	109.9	1.6	0.4	0.4
118	1/15/2014 15:31:12	10.14	49.71	32.34	9.98	8.07	4.6	1.868	109.0	1.5	0.4	0.4
119	1/15/2014 15:46:12	10.12	49.88	32.46	9.91	8.08	4.6	1.716	108.3	2.1	0.6	0.5
120	1/15/2014 16:01:12	10.10	49.85	32.44	9.90	8.08	3.6	1.610	108.1	5.0	1.4	1.2
121	1/15/2014 16:16:12	10.06	49.83	32.43	9.86	8.08	3.0	1.483	107.6	1.8	0.5	0.4
122	1/15/2014 16:31:12	10.07	49.78	32.39	9.93	8.08	3.4	1.356	108.4	1.2	0.3	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
123	1/15/2014 16:46:11	10.06	49.74	32.36	9.94	8.08	2.5	1.257	108.4	2.1	0.6	0.5
124	1/15/2014 17:01:12	10.06	49.65	32.29	10.01	8.09	2.5	1.182	109.1	2.0	0.5	0.5
125	1/15/2014 17:16:12	10.06	49.68	32.31	9.98	8.09	2.2	1.129	108.9	1.4	0.4	0.3
126	1/15/2014 17:31:12	10.11	49.62	32.27	9.96	8.09	2.8	1.091	108.7	1.8	0.5	0.4
127	1/15/2014 17:46:12	10.00	49.69	32.32	10.03	8.09	2.6	1.097	109.2	1.7	0.5	0.4
128	1/15/2014 18:01:12	9.93	49.42	32.12	10.07	8.09	2.3	1.145	109.4	1.7	0.5	0.4
129	1/15/2014 18:16:12	9.91	49.72	32.33	10.03	8.09	2.7	1.203	109.0	1.6	0.4	0.4
130	1/15/2014 18:31:12	9.75	49.55	32.20	10.02	8.09	2.5	1.253	108.5	1.2	0.3	0.3
131	1/15/2014 18:46:12	9.77	49.38	32.08	10.02	8.09	2.6	1.321	108.4	1.6	0.4	0.4
132	1/15/2014 19:01:12	9.54	48.96	31.76	9.84	8.07	4.5	1.394	105.7	1.6	0.4	0.4
133	1/15/2014 19:16:12	9.44	48.95	31.75	9.66	8.06	5.0	1.462	103.6	1.6	0.4	0.4
134	1/15/2014 19:31:12	9.48	48.96	31.76	9.64	8.06	4.8	1.543	103.5	1.5	0.4	0.3
135	1/15/2014 19:46:12	9.57	48.91	31.73	9.62	8.06	4.5	1.617	103.4	1.9	0.5	0.5
136	1/15/2014 20:01:12	9.71	49.35	32.05	9.66	8.06	4.4	1.705	104.4	1.7	0.5	0.4
137	1/15/2014 20:16:12	9.75	49.66	32.28	9.64	8.06	4.2	1.785	104.4	1.7	0.5	0.4
138	1/15/2014 20:31:12	9.77	49.49	32.16	9.69	8.06	3.9	1.882	104.9	1.3	0.4	0.3
139	1/15/2014 20:46:12	9.85	49.78	32.38	9.57	8.05	3.7	1.978	103.9	1.6	0.4	0.4
140	1/15/2014 21:01:12	9.90	49.69	32.31	9.44	8.04	3.9	2.100	102.6	1.8	0.5	0.4
141	1/15/2014 21:16:12	9.91	49.74	32.35	9.45	8.04	4.3	2.187	102.8	2.1	0.6	0.5
142	1/15/2014 21:31:12	9.94	49.82	32.40	9.44	8.04	4.5	2.284	102.7	1.9	0.5	0.4
143	1/15/2014 21:46:12	9.95	49.88	32.45	9.42	8.04	4.5	2.392	102.5	2.1	0.6	0.5
144	1/15/2014 22:01:12	9.95	49.68	32.31	9.41	8.04	5.1	2.472	102.4	2.0	0.5	0.5
145	1/15/2014 22:16:12	9.96	49.96	32.51	9.37	8.03	5.3	2.560	102.0	3.1	0.8	0.7
146	1/15/2014 22:31:12	9.97	49.87	32.44	9.35	8.03	5.7	2.646	101.9	2.2	0.6	0.5
147	1/15/2014 22:46:12	9.98	50.13	32.63	9.33	8.03	6.1	2.726	101.8	2.5	0.7	0.6
148	1/15/2014 23:01:12	9.97	50.01	32.54	9.36	8.03	6.8	2.806	102.1	2.3	0.6	0.5
149	1/15/2014 23:16:12	9.98	50.02	32.55	9.37	8.03	6.2	2.876	102.1	2.1	0.6	0.5
150	1/15/2014 23:31:12	9.98	50.34	32.78	9.37	8.03	6.7	2.944	102.3	2.3	0.6	0.5
151	1/15/2014 23:46:12	9.97	50.23	32.71	9.36	8.03	6.3	3.000	102.2	2.4	0.6	0.6
152	1/16/2014 0:01:12	9.97	50.11	32.62	9.37	8.03	6.4	3.063	102.2	2.5	0.7	0.6
153	1/16/2014 0:16:12	9.96	50.43	32.85	9.34	8.03	4.7	3.111	102.0	2.3	0.6	0.5
154	1/16/2014 0:31:12	9.96	50.14	32.64	9.30	8.03	3.6	3.150	101.4	1.9	0.5	0.5
155	1/16/2014 0:46:12	9.92	50.26	32.73	9.21	8.03	2.8	3.167	100.4	3.9	1.1	0.9
156	1/16/2014 1:01:12	9.89	50.27	32.73	9.08	8.02	3.6	3.163	99.0	2.2	0.6	0.5
157	1/16/2014 1:16:12	9.79	50.15	32.64	9.14	8.02	5.2	3.137	99.3	1.9	0.5	0.5
158	1/16/2014 1:31:12	9.88	50.21	32.68	9.21	8.02	4.1	3.095	100.3	2.1	0.6	0.5
159	1/16/2014 1:46:12	9.88	50.14	32.64	9.18	8.02	5.1	3.035	99.9	2.3	0.6	0.5
160	1/16/2014 2:01:12	9.69	50.05	32.55	9.18	8.02	5.7	2.968	99.4	2.0	0.5	0.5
161	1/16/2014 2:16:12	9.73	50.16	32.64	9.16	8.02	5.4	2.886	99.4	2.4	0.6	0.6
162	1/16/2014 2:31:12	9.68	49.99	32.51	9.09	8.02	5.1	2.816	98.5	1.8	0.5	0.4
163	1/16/2014 2:46:12	9.65	50.10	32.59	9.08	8.02	3.7	2.736	98.3	2.0	0.5	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
164	1/16/2014 3:01:12	9.57	49.85	32.40	9.08	8.01	4.3	2.663	98.0	1.2	0.3	0.3
165	1/16/2014 3:16:12	9.58	49.92	32.45	9.09	8.02	4.9	2.584	98.2	1.7	0.5	0.4
166	1/16/2014 3:31:12	9.55	49.75	32.33	9.12	8.02	4.3	2.526	98.4	2.2	0.6	0.5
167	1/16/2014 3:46:12	9.50	49.55	32.18	9.08	8.02	3.6	2.456	97.7	1.6	0.4	0.4
168	1/16/2014 4:01:12	9.43	49.54	32.17	9.07	8.02	3.2	2.392	97.4	1.8	0.5	0.4
169	1/16/2014 4:16:12	9.49	49.86	32.41	9.10	8.02	3.4	2.343	98.1	2.0	0.5	0.5
170	1/16/2014 4:31:12	9.45	49.57	32.19	9.07	8.02	6.2	2.286	97.5	1.4	0.4	0.3
171	1/16/2014 4:46:12	9.46	49.74	32.32	9.01	8.02	2.7	2.242	97.0	1.4	0.4	0.3
172	1/16/2014 5:01:12	9.21	49.82	32.35	9.02	8.01	2.6	2.199	96.6	1.8	0.5	0.4
173	1/16/2014 5:16:12	9.38	49.70	32.28	9.07	8.03	2.5	2.181	97.5	1.3	0.4	0.3
174	1/16/2014 5:31:12	9.35	49.49	32.13	9.06	8.03	1.7	2.173	97.2	1.8	0.5	0.4
175	1/16/2014 5:46:12	9.24	49.47	32.10	9.07	8.02	1.8	2.176	97.0	1.8	0.5	0.4
176	1/16/2014 6:01:12	9.22	49.66	32.24	9.08	8.02	2.3	2.194	97.2	1.6	0.4	0.4
177	1/16/2014 6:16:12	9.36	49.61	32.21	9.10	8.02	2.5	2.222	97.6	1.9	0.5	0.4
178	1/16/2014 6:31:12	9.44	49.72	32.30	9.12	8.02	3.1	2.288	98.1	1.5	0.4	0.4
179	1/16/2014 6:46:12	9.46	49.38	32.05	9.12	8.02	3.9	2.336	98.0	1.8	0.5	0.4
180	1/16/2014 7:01:12	9.28	49.84	32.38	9.02	8.02	5.3	2.395	96.7	1.9	0.5	0.5
181	1/16/2014 7:16:12	9.40	49.76	32.32	9.06	8.02	4.4	2.468	97.4	2.1	0.6	0.5
182	1/16/2014 7:31:12	9.43	49.70	32.29	9.06	8.02	4.6	2.534	97.4	2.2	0.6	0.5
183	1/16/2014 7:46:12	9.47	49.81	32.37	9.05	8.02	4.4	2.606	97.4	1.9	0.5	0.5
184	1/16/2014 8:01:12	9.53	49.63	32.24	9.07	8.02	3.9	2.680	97.7	1.5	0.4	0.4
185	1/16/2014 8:16:12	9.66	49.98	32.50	9.07	8.02	4.0	2.754	98.2	1.3	0.4	0.3
186	1/16/2014 8:31:12	9.71	50.20	32.66	9.08	8.02	4.0	2.820	98.5	1.5	0.4	0.4
187	1/16/2014 8:46:12	9.72	50.18	32.65	9.10	8.02	4.1	2.898	98.7	1.8	0.5	0.4
188	1/16/2014 9:01:12	9.75	50.01	32.53	9.15	8.02	5.0	2.982	99.2	1.5	0.4	0.3
189	1/16/2014 9:16:12	9.78	50.29	32.74	9.15	8.03	5.9	3.065	99.4	1.7	0.5	0.4
190	1/16/2014 9:31:12	9.80	50.12	32.61	9.18	8.03	5.8	3.150	99.7	1.9	0.5	0.4
191	1/16/2014 9:46:12	9.82	50.38	32.80	9.18	8.03	6.6	3.233	99.9	2.1	0.6	0.5
192	1/16/2014 10:01:12	9.82	50.15	32.64	9.18	8.03	7.0	3.311	99.8	2.1	0.6	0.5
193	1/16/2014 10:16:12	9.81	50.40	32.82	9.19	8.03	7.3	3.389	100.0	2.1	0.6	0.5
194	1/16/2014 10:31:12	9.80	50.34	32.77	9.24	8.03	7.0	3.459	100.5	2.7	0.7	0.6
195	1/16/2014 10:46:12	9.79	50.52	32.90	9.25	8.03	6.7	3.516	100.6	2.5	0.7	0.6
196	1/16/2014 11:01:12	9.80	50.38	32.80	9.24	8.03	5.3	3.574	100.5	2.1	0.6	0.5
197	1/16/2014 11:16:12	9.80	50.54	32.92	9.20	8.03	4.2	3.604	100.1	2.0	0.5	0.5
198	1/16/2014 11:31:12	9.78	50.31	32.75	9.19	8.03	2.9	3.626	99.9	1.9	0.5	0.5
199	1/16/2014 11:46:12	9.73	50.53	32.91	9.15	8.03	3.6	3.626	99.5	2.1	0.6	0.5
200	1/16/2014 12:01:12	9.75	50.32	32.75	9.18	8.02	4.0	3.617	99.7	2.2	0.6	0.5
201	1/16/2014 12:16:12	9.88	50.24	32.71	9.31	8.03	5.0	3.574	101.4	2.5	0.7	0.6
202	1/16/2014 12:31:12	9.81	50.37	32.80	9.21	8.03	5.8	3.505	100.2	7.2	1.9	1.7
203	1/16/2014 12:46:12	9.84	50.29	32.74	9.29	8.04	5.5	3.429	101.1	1.8	0.5	0.4
204	1/16/2014 13:01:12	10.17	50.31	32.78	9.46	8.05	4.2	3.345	103.8	1.9	0.5	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
205	1/16/2014 13:16:12	10.15	50.11	32.63	9.51	8.05	5.3	3.233	104.1	1.7	0.5	0.4
206	1/16/2014 13:31:12	10.01	50.24	32.72	9.50	8.05	4.0	3.130	103.7	1.7	0.5	0.4
207	1/16/2014 13:46:12	9.98	50.03	32.56	9.46	8.04	4.3	3.016	103.1	1.5	0.4	0.3
208	1/16/2014 14:01:12	9.94	50.24	32.71	9.46	8.05	3.5	2.905	103.1	1.5	0.4	0.4
209	1/16/2014 14:16:12	10.07	50.12	32.63	9.54	8.05	3.5	2.796	104.3	1.5	0.4	0.4
210	1/16/2014 14:31:12	10.10	49.95	32.51	9.61	8.06	3.5	2.680	105.0	1.7	0.5	0.4
211	1/16/2014 14:46:12	10.19	50.12	32.64	9.61	8.06	3.6	2.565	105.4	1.0	0.3	0.2
212	1/16/2014 15:01:12	10.24	50.12	32.64	9.71	8.06	4.0	2.437	106.5	1.9	0.5	0.5
213	1/16/2014 15:16:12	10.23	50.27	32.75	9.71	8.07	5.3	2.317	106.6	1.7	0.5	0.4
214	1/16/2014 15:31:12	10.17	50.05	32.59	9.76	8.07	4.8	2.192	106.8	2.2	0.6	0.5
215	1/16/2014 15:46:12	10.09	49.86	32.45	9.91	8.07	4.1	2.072	108.2	1.4	0.4	0.3
216	1/16/2014 16:01:12	10.17	49.72	32.35	10.01	8.10	4.1	1.926	109.5	1.9	0.5	0.5
217	1/16/2014 16:16:12	10.05	49.86	32.44	10.05	8.09	4.2	1.801	109.7	2.1	0.6	0.5
218	1/16/2014 16:31:12	10.12	49.73	32.35	10.00	8.09	4.4	1.664	109.2	1.3	0.4	0.3
219	1/16/2014 16:46:12	10.10	49.76	32.38	10.08	8.10	3.7	1.538	110.0	1.2	0.3	0.3
220	1/16/2014 17:01:12	10.06	49.63	32.28	10.07	8.10	3.1	1.416	109.8	1.1	0.3	0.3
221	1/16/2014 17:16:12	10.06	49.56	32.23	10.11	8.10	2.9	1.326	110.2	1.8	0.5	0.4
222	1/16/2014 17:31:12	10.05	49.66	32.30	10.16	8.10	2.5	1.253	110.8	1.4	0.4	0.3
223	1/16/2014 17:46:12	10.04	49.56	32.22	10.13	8.10	2.8	1.171	110.4	1.6	0.4	0.4
224	1/16/2014 18:01:12	10.02	49.57	32.23	10.09	8.10	2.0	1.147	109.9	1.4	0.4	0.3
225	1/16/2014 18:16:12	9.99	49.38	32.09	10.16	8.11	2.9	1.145	110.5	1.7	0.5	0.4
226	1/16/2014 18:31:12	9.93	49.46	32.15	10.23	8.11	2.3	1.165	111.1	1.9	0.5	0.4
227	1/16/2014 18:46:12	9.92	49.46	32.15	10.22	8.11	2.6	1.229	111.0	1.5	0.4	0.4
228	1/16/2014 19:01:12	9.72	49.58	32.22	10.16	8.11	2.8	1.274	109.9	1.4	0.4	0.3
229	1/16/2014 19:16:12	9.71	49.58	32.22	10.18	8.11	2.9	1.385	110.1	1.4	0.4	0.3
230	1/16/2014 19:31:12	9.44	48.84	31.66	10.01	8.09	6.0	1.448	107.2	1.3	0.4	0.3
231	1/16/2014 19:46:12	9.34	48.90	31.70	9.89	8.08	5.5	1.512	105.8	1.7	0.5	0.4
232	1/16/2014 20:01:12	9.37	49.07	31.83	9.86	8.07	5.1	1.610	105.6	1.5	0.4	0.4
233	1/16/2014 20:16:12	9.64	49.06	31.84	9.98	8.09	4.4	1.690	107.6	1.7	0.5	0.4
234	1/16/2014 20:31:12	9.69	49.47	32.14	9.94	8.09	4.1	1.774	107.4	1.6	0.4	0.4
235	1/16/2014 20:46:12	9.70	49.24	31.97	9.95	8.09	3.9	1.855	107.4	2.2	0.6	0.5
236	1/16/2014 21:01:12	9.79	49.61	32.25	9.90	8.08	3.7	1.949	107.2	1.7	0.5	0.4
237	1/16/2014 21:16:12	9.88	49.45	32.14	9.71	8.07	3.9	2.056	105.4	1.8	0.5	0.4
238	1/16/2014 21:31:12	9.90	49.66	32.29	9.63	8.06	3.9	2.150	104.6	1.9	0.5	0.5
239	1/16/2014 21:46:12	9.94	49.86	32.44	9.59	8.06	3.9	2.236	104.4	1.9	0.5	0.4
240	1/16/2014 22:01:12	9.97	49.75	32.36	9.59	8.06	4.4	2.337	104.4	1.7	0.5	0.4
241	1/16/2014 22:16:12	9.98	49.94	32.50	9.54	8.05	5.4	2.444	104.0	1.9	0.5	0.5
242	1/16/2014 22:31:12	9.98	49.96	32.51	9.50	8.05	5.4	2.524	103.6	2.2	0.6	0.5
243	1/16/2014 22:46:12	9.99	49.96	32.51	9.47	8.05	6.0	2.606	103.2	2.3	0.6	0.5
244	1/16/2014 23:01:12	9.99	49.96	32.51	9.46	8.05	6.7	2.704	103.2	1.2	0.3	0.3
245	1/16/2014 23:16:12	9.98	50.05	32.58	9.44	8.04	7.1	2.787	103.0	2.2	0.6	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
246	1/16/2014 23:31:12	9.97	50.13	32.63	9.43	8.04	7.0	2.863	102.9	2.2	0.6	0.5
247	1/16/2014 23:46:12	9.98	50.23	32.71	9.37	8.04	7.2	2.940	102.2	2.2	0.6	0.5
248	1/17/2014 0:01:12	9.95	50.31	32.76	9.35	8.04	7.2	3.021	102.1	2.5	0.7	0.6
249	1/17/2014 0:16:12	9.93	50.08	32.59	9.33	8.04	7.5	3.091	101.6	2.5	0.7	0.6
250	1/17/2014 0:31:12	9.91	50.24	32.71	9.30	8.04	6.5	3.146	101.4	2.4	0.6	0.6
251	1/17/2014 0:46:12	9.90	50.29	32.74	9.24	8.04	4.7	3.192	100.7	2.1	0.6	0.5
252	1/17/2014 1:01:12	9.90	49.97	32.52	9.29	8.04	4.3	3.250	101.1	2.0	0.5	0.5
253	1/17/2014 1:16:12	9.88	50.16	32.65	9.16	8.03	3.2	3.255	99.7	2.1	0.6	0.5
254	1/17/2014 1:31:12	9.81	50.21	32.68	9.17	8.03	4.1	3.238	99.7	1.9	0.5	0.4
255	1/17/2014 1:46:12	9.79	50.24	32.70	9.24	8.03	4.9	3.220	100.4	1.8	0.5	0.4
256	1/17/2014 2:01:12	9.86	50.26	32.72	9.25	8.03	4.7	3.188	100.7	2.3	0.6	0.5
257	1/17/2014 2:16:12	9.83	50.11	32.61	9.25	8.03	5.3	3.115	100.5	2.3	0.6	0.5
258	1/17/2014 2:31:12	9.77	50.19	32.66	9.27	8.03	5.9	3.034	100.7	1.7	0.5	0.4
259	1/17/2014 2:46:12	9.78	50.35	32.78	9.23	8.03	4.4	2.955	100.4	2.2	0.6	0.5
260	1/17/2014 3:01:12	9.64	49.98	32.50	9.27	8.03	5.8	2.879	100.3	1.9	0.5	0.4
261	1/17/2014 3:16:12	9.65	49.66	32.27	9.27	8.03	4.9	2.802	100.1	1.6	0.4	0.4
262	1/17/2014 3:31:11	9.59	49.70	32.30	9.25	8.03	3.9	2.713	99.9	1.6	0.4	0.4
263	1/17/2014 3:46:12	9.55	49.46	32.12	9.27	8.03	4.8	2.639	99.8	1.9	0.5	0.4
264	1/17/2014 4:01:12	9.54	49.66	32.26	9.25	8.03	4.2	2.580	99.7	1.5	0.4	0.3
265	1/17/2014 4:16:12	9.64	50.04	32.54	9.25	8.03	3.7	2.509	100.1	1.8	0.5	0.4
266	1/17/2014 4:31:12	9.59	49.88	32.43	9.27	8.03	6.3	2.445	100.2	2.0	0.5	0.5
267	1/17/2014 4:46:12	9.60	49.93	32.46	9.26	8.03	3.4	2.399	100.1	2.1	0.6	0.5
268	1/17/2014 5:01:12	9.47	49.61	32.22	9.27	8.03	3.5	2.329	99.7	1.7	0.5	0.4
269	1/17/2014 5:16:12	9.46	49.84	32.39	9.21	8.03	2.7	2.289	99.2	2.0	0.5	0.5
270	1/17/2014 5:31:12	9.45	49.72	32.30	9.25	8.03	2.8	2.241	99.5	1.6	0.4	0.4
271	1/17/2014 5:46:12	9.39	49.90	32.42	9.22	8.03	2.5	2.209	99.2	1.4	0.4	0.3
272	1/17/2014 6:01:12	9.24	49.69	32.26	9.24	8.03	2.1	2.181	98.9	1.5	0.4	0.4
273	1/17/2014 6:16:13	9.21	49.78	32.33	9.25	8.04	1.6	2.176	99.0	1.5	0.4	0.3
274	1/17/2014 6:31:12	9.15	49.56	32.16	9.29	8.04	1.8	2.185	99.2	1.7	0.5	0.4
275	1/17/2014 6:46:13	9.16	49.67	32.24	9.28	8.04	2.1	2.195	99.1	1.3	0.4	0.3
276	1/17/2014 7:01:12	9.31	49.71	32.28	9.28	8.04	2.5	2.235	99.5	1.4	0.4	0.3
277	1/17/2014 7:16:12	9.41	49.82	32.37	9.29	8.04	3.2	2.284	99.9	1.3	0.4	0.3
278	1/17/2014 7:31:12	9.47	49.86	32.41	9.28	8.04	3.7	2.344	100.0	2.0	0.5	0.5
279	1/17/2014 7:46:12	9.26	49.70	32.27	9.25	8.03	4.9	2.419	99.1	1.7	0.5	0.4
280	1/17/2014 8:01:12	9.38	49.72	32.30	9.23	8.03	4.6	2.483	99.2	1.6	0.4	0.4
281	1/17/2014 8:16:12	9.44	49.97	32.48	9.19	8.03	4.3	2.562	99.0	1.7	0.5	0.4
282	1/17/2014 8:31:12	9.48	49.88	32.42	9.19	8.03	4.2	2.638	99.0	2.0	0.5	0.5
283	1/17/2014 8:46:12	9.57	49.59	32.21	9.18	8.03	4.0	2.713	99.0	1.8	0.5	0.4
284	1/17/2014 9:01:12	9.68	50.17	32.64	9.10	8.03	7.3	2.792	98.6	2.2	0.6	0.5
285	1/17/2014 9:16:12	9.70	50.10	32.60	9.14	8.03	4.0	2.867	99.1	1.8	0.5	0.4
286	1/17/2014 9:31:12	9.73	49.85	32.42	9.18	8.03	4.2	2.951	99.4	1.7	0.5	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
287	1/17/2014 9:46:12	9.78	50.18	32.65	9.14	8.03	4.9	3.036	99.3	2.0	0.5	0.5
288	1/17/2014 10:01:12	9.81	50.17	32.65	9.11	8.03	5.7	3.116	99.0	2.4	0.6	0.6
289	1/17/2014 10:16:12	9.82	50.07	32.58	9.10	8.03	5.3	3.201	98.9	1.7	0.5	0.4
290	1/17/2014 10:31:12	9.84	50.25	32.71	9.08	8.03	6.0	3.284	98.8	2.0	0.5	0.5
291	1/17/2014 10:46:12	9.84	50.44	32.85	9.07	8.03	6.0	3.359	98.7	2.1	0.6	0.5
292	1/17/2014 11:01:12	9.83	50.20	32.68	9.04	8.04	5.3	3.430	98.3	2.3	0.6	0.5
293	1/17/2014 11:16:12	9.84	50.33	32.77	9.01	8.04	4.9	3.496	98.1	2.5	0.7	0.6
294	1/17/2014 11:31:12	9.84	50.35	32.78	9.00	8.04	5.4	3.546	97.9	2.0	0.5	0.5
295	1/17/2014 11:46:12	9.84	50.47	32.87	8.96	8.04	2.9	3.586	97.6	2.4	0.6	0.6
296	1/17/2014 12:01:12	9.85	50.16	32.65	8.96	8.04	2.7	3.612	97.4	2.1	0.6	0.5
297	1/17/2014 12:16:12	9.74	50.32	32.76	9.43	8.06	3.1	3.621	102.4	1.8	0.5	0.4
298	1/17/2014 12:31:12	9.86	50.14	32.64	9.02	8.04	3.1	3.603	98.1	2.0	0.5	0.5
299	1/17/2014 12:46:12	9.88	50.37	32.80	8.98	8.04	2.9	3.573	97.8	1.7	0.5	0.4
300	1/17/2014 13:01:12	9.89	50.25	32.71	8.96	8.04	4.8	3.515	97.5	2.0	0.5	0.5
301	1/17/2014 13:16:12	9.90	50.35	32.79	9.05	8.04	5.6	3.436	98.7	2.0	0.5	0.5
302	1/17/2014 13:31:12	10.16	50.21	32.70	9.27	8.05	4.2	3.351	101.6	1.8	0.5	0.4
303	1/17/2014 13:46:12	10.16	50.35	32.81	9.41	8.06	3.9	3.256	103.2	1.4	0.4	0.3
304	1/17/2014 14:01:12	10.04	50.24	32.71	9.45	8.06	3.6	3.152	103.2	1.8	0.5	0.4
305	1/17/2014 14:16:12	10.01	50.11	32.62	9.35	8.05	4.1	3.045	102.1	2.1	0.6	0.5
306	1/17/2014 14:31:12	10.04	50.05	32.58	9.40	8.05	3.7	2.934	102.7	2.0	0.5	0.5
307	1/17/2014 14:46:12	10.08	50.03	32.57	9.47	8.06	3.5	2.825	103.5	2.0	0.5	0.5
308	1/17/2014 15:01:12	10.14	49.91	32.49	9.55	8.06	3.8	2.711	104.5	1.4	0.4	0.3
309	1/17/2014 15:16:12	10.17	50.15	32.66	9.54	8.06	3.1	2.603	104.5	1.5	0.4	0.4
310	1/17/2014 15:31:12	10.20	50.02	32.57	9.57	8.06	3.5	2.486	104.9	1.9	0.5	0.4
311	1/17/2014 15:46:12	10.15	49.97	32.53	9.62	8.07	4.0	2.360	105.3	2.0	0.5	0.5
312	1/17/2014 16:01:12	10.25	50.10	32.63	9.71	8.09	2.8	2.243	106.5	1.9	0.5	0.4
313	1/17/2014 16:16:12	10.10	49.83	32.43	9.88	8.09	4.2	2.112	108.0	1.6	0.4	0.4
314	1/17/2014 16:31:12	10.11	49.83	32.43	9.93	8.09	3.4	1.982	108.5	1.9	0.5	0.4
315	1/17/2014 16:46:12	10.04	49.70	32.32	10.07	8.10	4.2	1.847	109.7	1.3	0.4	0.3
316	1/17/2014 17:01:12	10.05	49.61	32.26	10.14	8.11	3.8	1.723	110.5	1.7	0.5	0.4
317	1/17/2014 17:16:12	10.03	49.57	32.23	10.10	8.11	3.2	1.599	110.0	1.5	0.4	0.4
318	1/17/2014 17:31:12	10.03	49.45	32.14	10.08	8.11	3.1	1.482	109.7	1.8	0.5	0.4
319	1/17/2014 17:46:12	10.02	49.74	32.36	10.04	8.10	2.9	1.373	109.4	1.9	0.5	0.4
320	1/17/2014 18:01:12	10.02	49.56	32.23	10.02	8.10	2.8	1.300	109.1	1.7	0.5	0.4
321	1/17/2014 18:16:12	10.01	49.71	32.33	10.03	8.11	2.5	1.228	109.3	1.6	0.4	0.4
322	1/17/2014 18:31:12	10.02	49.64	32.28	10.15	8.12	2.3	1.186	110.5	2.3	0.6	0.5
323	1/17/2014 18:46:12	9.99	49.76	32.36	9.98	8.11	2.6	1.189	108.7	1.3	0.4	0.3
324	1/17/2014 19:01:12	9.98	49.37	32.09	10.38	8.13	2.3	1.213	112.8	1.4	0.4	0.3
325	1/17/2014 19:16:12	9.99	49.35	32.07	10.42	8.13	2.5	1.250	113.3	1.6	0.4	0.4
326	1/17/2014 19:31:12	9.90	49.55	32.21	10.41	8.13	2.3	1.330	113.0	1.6	0.4	0.4
327	1/17/2014 19:46:12	9.87	49.45	32.13	10.37	8.13	2.3	1.401	112.5	1.4	0.4	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
328	1/17/2014 20:01:12	9.69	49.27	32.00	10.32	8.11	3.6	1.481	111.4	1.8	0.5	0.4
329	1/17/2014 20:16:13	9.41	49.21	31.93	10.04	8.09	5.1	1.553	107.7	1.8	0.5	0.4
330	1/17/2014 20:31:12	9.52	49.23	31.95	10.08	8.09	4.4	1.649	108.4	1.6	0.4	0.4
331	1/17/2014 20:46:13	9.69	49.31	32.02	10.12	8.11	4.5	1.719	109.3	1.8	0.5	0.4
332	1/17/2014 21:01:12	9.75	49.35	32.05	10.13	8.10	3.9	1.812	109.5	1.5	0.4	0.4
333	1/17/2014 21:16:12	9.76	49.46	32.13	10.11	8.10	3.5	1.885	109.4	2.0	0.5	0.5
334	1/17/2014 21:31:12	9.81	49.45	32.13	10.06	8.10	3.4	1.986	109.0	1.4	0.4	0.3
335	1/17/2014 21:46:12	9.91	49.71	32.33	9.77	8.08	3.6	2.079	106.2	1.7	0.5	0.4
336	1/17/2014 22:01:12	9.95	49.62	32.27	9.66	8.07	3.7	2.171	105.1	1.9	0.5	0.4
337	1/17/2014 22:16:12	9.99	49.79	32.39	9.62	8.07	4.0	2.269	104.8	1.8	0.5	0.4
338	1/17/2014 22:31:12	10.03	49.77	32.37	9.58	8.06	4.2	2.367	104.5	2.0	0.5	0.5
339	1/17/2014 22:46:12	10.04	49.69	32.32	9.60	8.06	5.1	2.460	104.6	1.9	0.5	0.4
340	1/17/2014 23:01:12	10.05	49.90	32.47	9.55	8.06	5.2	2.544	104.2	2.8	0.8	0.7
341	1/17/2014 23:16:12	10.05	49.87	32.45	9.55	8.06	5.9	2.649	104.2	2.2	0.6	0.5
342	1/17/2014 23:31:12	10.05	49.82	32.42	9.47	8.06	7.0	2.738	103.3	2.3	0.6	0.5
343	1/17/2014 23:46:12	10.04	49.82	32.42	9.40	8.05	6.8	2.818	102.6	2.0	0.5	0.5
344	1/18/2014 0:01:12	10.05	49.87	32.45	9.37	8.05	7.5	2.903	102.2	2.1	0.6	0.5
345	1/18/2014 0:16:12	10.03	49.92	32.48	9.28	8.05	7.4	2.982	101.3	2.3	0.6	0.5
346	1/18/2014 0:31:12	10.02	50.25	32.72	9.22	8.05	7.3	3.064	100.7	2.3	0.6	0.5
347	1/18/2014 0:46:12	10.01	50.19	32.68	9.21	8.04	6.7	3.139	100.6	2.8	0.8	0.7
348	1/18/2014 1:01:12	10.01	50.17	32.67	9.19	8.04	5.5	3.197	100.4	2.0	0.5	0.5
349	1/18/2014 1:16:12	10.00	49.97	32.52	9.17	8.04	4.1	3.246	99.9	2.0	0.5	0.5
350	1/18/2014 1:31:12	10.00	50.26	32.73	9.12	8.04	2.9	3.276	99.6	2.3	0.6	0.5
351	1/18/2014 1:46:12	9.93	49.99	32.53	9.11	8.04	3.6	3.309	99.2	2.4	0.6	0.6
352	1/18/2014 2:01:12	9.94	50.06	32.58	9.10	8.04	4.5	3.296	99.2	2.1	0.6	0.5
353	1/18/2014 2:16:12	9.93	49.96	32.51	9.17	8.04	5.8	3.255	99.9	2.0	0.5	0.5
354	1/18/2014 2:31:12	9.95	50.18	32.67	9.12	8.04	4.7	3.220	99.4	2.2	0.6	0.5
355	1/18/2014 2:46:12	9.95	50.13	32.63	9.13	8.04	5.3	3.154	99.5	2.4	0.6	0.6
356	1/18/2014 3:01:12	9.92	50.07	32.59	9.15	8.04	5.4	3.047	99.7	2.3	0.6	0.5
357	1/18/2014 3:16:12	9.93	50.04	32.57	9.16	8.04	4.9	2.961	99.8	2.4	0.6	0.6
358	1/18/2014 3:31:12	9.91	50.02	32.55	9.19	8.04	4.8	2.894	100.1	2.0	0.5	0.5
359	1/18/2014 3:46:12	9.84	50.00	32.53	9.20	8.04	4.7	2.821	100.0	2.0	0.5	0.5
360	1/18/2014 4:01:12	9.80	49.75	32.35	9.22	8.04	5.0	2.724	100.1	1.8	0.5	0.4
361	1/18/2014 4:16:12	9.84	49.57	32.22	9.26	8.04	5.6	2.650	100.5	1.7	0.5	0.4
362	1/18/2014 4:31:12	9.83	49.81	32.39	9.24	8.04	4.2	2.592	100.3	1.6	0.4	0.4
363	1/18/2014 4:46:12	9.83	49.55	32.20	9.23	8.04	4.6	2.511	100.1	1.9	0.5	0.5
364	1/18/2014 5:01:12	9.81	49.93	32.48	9.25	8.04	4.0	2.450	100.5	1.7	0.5	0.4
365	1/18/2014 5:16:12	9.84	49.80	32.38	9.20	8.04	3.2	2.387	99.9	1.6	0.4	0.4
366	1/18/2014 5:31:13	9.79	50.05	32.56	9.17	8.04	3.1	2.322	99.6	1.7	0.5	0.4
367	1/18/2014 5:46:12	9.80	49.52	32.18	9.21	8.04	2.8	2.280	99.8	2.0	0.5	0.5
368	1/18/2014 6:01:12	9.73	49.75	32.35	9.22	8.04	2.8	2.219	99.8	1.5	0.4	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
369	1/18/2014 6:16:12	9.67	49.42	32.10	9.27	8.05	2.5	2.166	100.1	1.5	0.4	0.3
370	1/18/2014 6:31:12	9.64	49.50	32.16	9.29	8.05	2.5	2.148	100.3	1.4	0.4	0.3
371	1/18/2014 6:46:12	9.61	49.73	32.32	9.31	8.05	2.0	2.150	100.6	1.5	0.4	0.4
372	1/18/2014 7:01:12	9.60	49.33	32.03	9.24	8.04	2.4	2.118	99.6	1.4	0.4	0.3
373	1/18/2014 7:16:12	9.58	49.27	31.98	9.34	8.05	2.2	2.146	100.6	1.4	0.4	0.3
374	1/18/2014 7:31:12	9.62	49.84	32.40	9.28	8.05	2.8	2.192	100.3	1.6	0.4	0.4
375	1/18/2014 7:46:12	9.63	49.77	32.35	9.33	8.05	2.5	2.214	100.8	1.7	0.5	0.4
376	1/18/2014 8:01:12	9.65	49.90	32.45	9.31	8.05	2.9	2.283	100.7	1.8	0.5	0.4
377	1/18/2014 8:16:12	9.48	49.57	32.20	9.27	8.04	4.7	2.339	99.7	2.0	0.5	0.5
378	1/18/2014 8:31:12	9.56	49.59	32.22	9.25	8.04	4.5	2.407	99.7	1.6	0.4	0.4
379	1/18/2014 8:46:12	9.63	49.78	32.35	9.20	8.04	4.1	2.488	99.4	1.7	0.5	0.4
380	1/18/2014 9:01:12	9.69	49.86	32.42	9.17	8.04	3.6	2.585	99.3	1.3	0.4	0.3
381	1/18/2014 9:16:12	9.73	49.72	32.32	9.16	8.04	3.5	2.652	99.2	1.9	0.5	0.5
382	1/18/2014 9:31:12	9.78	50.04	32.55	9.11	8.04	3.4	2.729	98.9	1.9	0.5	0.5
383	1/18/2014 9:46:12	9.86	49.90	32.46	9.08	8.03	3.6	2.789	98.7	1.7	0.5	0.4
384	1/18/2014 10:01:12	9.88	49.78	32.37	9.06	8.03	3.9	2.852	98.5	1.4	0.4	0.3
385	1/18/2014 10:16:12	9.89	50.06	32.57	9.06	8.04	4.0	2.948	98.6	2.0	0.5	0.5
386	1/18/2014 10:31:12	9.92	50.18	32.67	9.02	8.03	4.0	3.021	98.3	2.1	0.6	0.5
387	1/18/2014 10:46:12	9.95	50.05	32.57	9.01	8.04	4.5	3.107	98.2	2.1	0.6	0.5
388	1/18/2014 11:01:13	9.97	50.41	32.84	9.02	8.04	4.3	3.170	98.5	2.4	0.6	0.6
389	1/18/2014 11:16:12	9.99	50.40	32.83	9.02	8.04	4.4	3.251	98.6	2.1	0.6	0.5
390	1/18/2014 11:31:12	10.00	49.91	32.48	9.05	8.04	4.5	3.327	98.7	2.1	0.6	0.5
391	1/18/2014 11:46:12	10.01	50.28	32.74	9.03	8.05	3.9	3.390	98.6	2.1	0.6	0.5
392	1/18/2014 12:01:12	10.03	50.10	32.62	9.03	8.05	3.9	3.444	98.6	3.0	0.8	0.7
393	1/18/2014 12:16:12	10.04	50.37	32.81	9.03	8.05	3.6	3.503	98.8	2.6	0.7	0.6
394	1/18/2014 12:31:12	10.05	50.20	32.69	9.00	8.05	2.8	3.532	98.4	2.3	0.6	0.5
395	1/18/2014 12:46:13	10.06	50.56	32.95	8.96	8.05	2.3	3.542	98.1	2.7	0.7	0.6
396	1/18/2014 13:01:13	10.09	50.30	32.77	9.23	8.07	3.4	3.542	101.0	2.4	0.6	0.6
397	1/18/2014 13:16:12	10.08	50.07	32.60	9.03	8.05	2.9	3.529	98.7	2.2	0.6	0.5
398	1/18/2014 13:31:12	10.08	50.38	32.82	9.01	8.05	3.4	3.464	98.6	2.0	0.5	0.5
399	1/18/2014 13:46:12	10.08	50.05	32.59	9.02	8.05	4.3	3.410	98.6	2.1	0.6	0.5
400	1/18/2014 14:01:12	10.21	50.19	32.69	9.13	8.05	3.6	3.328	100.1	1.8	0.5	0.4
401	1/18/2014 14:16:12	10.41	50.16	32.68	9.32	8.06	3.0	3.235	102.7	1.9	0.5	0.4
402	1/18/2014 14:31:12	10.36	49.79	32.41	9.52	8.07	4.2	3.137	104.6	1.6	0.4	0.4
403	1/18/2014 14:46:12	10.26	50.08	32.61	9.56	8.08	3.3	3.029	104.9	1.9	0.5	0.5
404	1/18/2014 15:01:12	10.23	50.09	32.62	9.40	8.06	4.1	2.937	103.1	1.6	0.4	0.4
405	1/18/2014 15:16:12	10.24	50.06	32.60	9.41	8.07	3.9	2.834	103.2	2.2	0.6	0.5
406	1/18/2014 15:31:12	10.27	50.01	32.56	9.46	8.07	3.7	2.714	103.8	2.2	0.6	0.5
407	1/18/2014 15:46:12	10.32	49.81	32.43	9.67	8.08	3.5	2.615	106.1	1.9	0.5	0.5
408	1/18/2014 16:01:12	10.31	49.94	32.52	9.68	8.08	3.2	2.513	106.2	2.0	0.5	0.5
409	1/18/2014 16:16:12	10.29	50.09	32.62	9.52	8.08	3.4	2.387	104.6	1.6	0.4	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
410	1/18/2014 16:31:12	10.26	50.12	32.64	9.57	8.08	3.2	2.279	105.1	2.0	0.5	0.5
411	1/18/2014 16:46:12	10.24	50.03	32.58	9.57	8.08	2.9	2.148	104.9	1.7	0.5	0.4
412	1/18/2014 17:01:12	10.20	49.86	32.46	9.71	8.09	4.0	2.017	106.3	1.9	0.5	0.4
413	1/18/2014 17:16:12	10.17	49.87	32.46	9.91	8.11	4.0	1.911	108.5	1.7	0.5	0.4
414	1/18/2014 17:31:12	10.13	49.78	32.39	9.97	8.11	3.9	1.762	109.0	1.8	0.5	0.4
415	1/18/2014 17:46:12	10.11	49.67	32.31	10.03	8.12	4.1	1.654	109.5	2.2	0.6	0.5
416	1/18/2014 18:01:12	10.11	49.60	32.26	10.01	8.12	3.9	1.533	109.2	1.9	0.5	0.5
417	1/18/2014 18:16:12	10.11	49.49	32.18	9.99	8.12	3.7	1.423	109.0	1.7	0.5	0.4
418	1/18/2014 18:31:13	10.13	49.78	32.39	10.07	8.12	3.4	1.353	110.0	2.0	0.5	0.5
419	1/18/2014 18:46:12	10.14	49.44	32.15	10.14	8.12	2.9	1.295	110.7	2.1	0.6	0.5
420	1/18/2014 19:01:12	10.14	49.73	32.35	10.18	8.12	2.6	1.255	111.2	1.7	0.5	0.4
421	1/18/2014 19:16:12	10.10	49.56	32.23	10.01	8.12	3.2	1.229	109.2	2.0	0.5	0.5
422	1/18/2014 19:31:12	10.11	49.48	32.17	10.38	8.14	4.0	1.270	113.2	1.8	0.5	0.4
423	1/18/2014 19:46:12	10.11	49.46	32.16	10.44	8.14	3.7	1.294	113.8	1.5	0.4	0.4
424	1/18/2014 20:01:12	10.07	49.40	32.11	10.53	8.15	3.7	1.349	114.8	1.6	0.4	0.4
425	1/18/2014 20:16:12	10.02	49.47	32.16	10.56	8.15	12.4	1.426	114.9	1.3	0.4	0.3
426	1/18/2014 20:31:12	9.92	49.15	31.92	10.40	8.13	4.0	1.507	112.8	1.9	0.5	0.5
427	1/18/2014 20:46:13	9.78	49.25	31.98	10.13	8.11	5.0	1.585	109.6	3.4	0.9	0.8
428	1/18/2014 21:01:12	9.85	49.14	31.91	10.16	8.11	4.7	1.670	110.0	2.0	0.5	0.5
429	1/18/2014 21:16:12	9.98	49.44	32.13	10.27	8.12	3.7	1.760	111.6	2.0	0.5	0.5
430	1/18/2014 21:31:12	10.01	49.42	32.12	10.26	8.12	3.4	1.853	111.6	1.7	0.5	0.4
431	1/18/2014 21:46:12	10.02	49.47	32.16	10.25	8.12	3.5	1.926	111.6	1.6	0.4	0.4
432	1/18/2014 22:01:12	10.08	49.54	32.21	10.16	8.12	3.3	2.033	110.7	1.9	0.5	0.4
433	1/18/2014 22:16:12	10.14	49.73	32.36	9.87	8.10	3.9	2.129	107.8	2.0	0.5	0.5
434	1/18/2014 22:31:12	10.15	49.71	32.34	9.79	8.09	3.5	2.211	107.0	1.8	0.5	0.4
435	1/18/2014 22:46:12	10.18	49.71	32.34	9.74	8.08	4.2	2.316	106.5	2.2	0.6	0.5
436	1/18/2014 23:01:12	10.20	49.76	32.38	9.66	8.08	4.3	2.401	105.7	1.9	0.5	0.5
437	1/18/2014 23:16:12	10.21	49.88	32.47	9.59	8.08	4.9	2.494	105.1	2.1	0.6	0.5
438	1/18/2014 23:31:12	10.22	49.74	32.37	9.56	8.07	5.4	2.577	104.6	2.1	0.6	0.5
439	1/18/2014 23:46:12	10.23	49.80	32.41	9.52	8.07	5.3	2.665	104.2	1.7	0.5	0.4
440	1/19/2014 0:01:12	10.23	49.80	32.41	9.46	8.07	5.7	2.754	103.6	1.8	0.5	0.4
441	1/19/2014 0:16:12	10.22	49.87	32.46	9.38	8.06	6.0	2.826	102.7	2.3	0.6	0.5
442	1/19/2014 0:31:12	10.22	49.96	32.53	9.34	8.06	5.9	2.926	102.3	2.1	0.6	0.5
443	1/19/2014 0:46:12	10.21	50.12	32.64	9.27	8.06	6.7	3.004	101.7	2.3	0.6	0.5
444	1/19/2014 1:01:12	10.20	50.23	32.72	9.22	8.06	5.9	3.085	101.2	1.9	0.5	0.5
445	1/19/2014 1:16:12	10.19	49.98	32.54	9.23	8.06	5.6	3.144	101.1	2.3	0.6	0.5
446	1/19/2014 1:31:12	10.18	50.46	32.89	9.17	8.06	5.4	3.207	100.7	2.1	0.6	0.5
447	1/19/2014 1:46:12	10.17	50.20	32.70	9.14	8.06	3.9	3.261	100.1	2.1	0.6	0.5
448	1/19/2014 2:01:12	10.16	50.28	32.76	9.11	8.06	3.0	3.310	99.8	2.0	0.5	0.5
449	1/19/2014 2:16:13	10.04	50.32	32.77	9.12	8.06	3.4	3.332	99.7	2.1	0.6	0.5
450	1/19/2014 2:31:12	10.08	50.32	32.78	9.06	8.05	3.2	3.317	99.1	2.1	0.6	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
451	1/19/2014 2:46:12	10.12	49.94	32.51	9.12	8.05	4.5	3.302	99.7	1.7	0.5	0.4
452	1/19/2014 3:01:12	10.15	50.14	32.65	9.11	8.06	3.6	3.269	99.7	1.9	0.5	0.4
453	1/19/2014 3:16:12	10.11	50.04	32.58	9.12	8.05	4.7	3.199	99.8	4.3	1.2	1.0
454	1/19/2014 3:31:12	10.13	50.05	32.58	9.14	8.05	4.8	3.115	100.0	2.6	0.7	0.6
455	1/19/2014 3:46:12	10.12	50.13	32.64	9.12	8.05	4.0	3.042	99.8	2.2	0.6	0.5
456	1/19/2014 4:01:12	10.12	50.04	32.58	9.16	8.05	4.2	2.945	100.2	2.9	0.8	0.7
457	1/19/2014 4:16:12	10.06	49.95	32.51	9.19	8.05	4.5	2.868	100.3	2.5	0.7	0.6
458	1/19/2014 4:31:12	10.01	49.94	32.50	9.22	8.05	4.2	2.793	100.5	3.9	1.1	0.9
459	1/19/2014 4:46:12	9.99	49.67	32.30	9.24	8.06	5.0	2.714	100.6	1.5	0.4	0.4
460	1/19/2014 5:01:12	9.98	49.96	32.51	9.23	8.06	4.2	2.639	100.7	2.0	0.5	0.5
461	1/19/2014 5:16:13	10.03	50.15	32.65	9.23	8.06	3.4	2.572	100.8	1.8	0.5	0.4
462	1/19/2014 5:31:12	10.02	49.89	32.46	9.25	8.06	3.6	2.496	100.9	1.5	0.4	0.4
463	1/19/2014 5:46:12	10.02	49.90	32.47	9.23	8.05	3.2	2.432	100.6	1.7	0.5	0.4
464	1/19/2014 6:01:12	10.01	49.65	32.29	9.21	8.05	2.9	2.376	100.3	1.5	0.4	0.4
465	1/19/2014 6:16:12	10.01	49.77	32.38	9.21	8.05	2.9	2.323	100.4	1.7	0.5	0.4
466	1/19/2014 6:31:12	9.97	49.80	32.40	9.24	8.06	2.5	2.273	100.6	2.0	0.5	0.5
467	1/19/2014 6:46:12	9.93	49.72	32.33	9.25	8.06	2.6	2.216	100.6	1.5	0.4	0.4
468	1/19/2014 7:01:12	9.87	49.68	32.30	9.22	8.06	2.3	2.192	100.1	1.8	0.5	0.4
469	1/19/2014 7:16:12	9.89	49.43	32.12	9.33	8.06	2.3	2.141	101.2	1.3	0.4	0.3
470	1/19/2014 7:31:13	9.84	49.91	32.47	9.28	8.07	2.0	2.120	100.9	1.5	0.4	0.4
471	1/19/2014 7:46:13	9.85	49.87	32.44	9.30	8.07	1.6	2.138	101.1	1.7	0.5	0.4
472	1/19/2014 8:01:12	9.84	49.66	32.28	9.32	8.07	2.1	2.120	101.1	1.8	0.5	0.4
473	1/19/2014 8:16:12	9.85	49.67	32.30	9.47	8.07	2.0	2.162	102.8	1.5	0.4	0.3
474	1/19/2014 8:31:12	9.87	49.38	32.09	9.47	8.07	2.2	2.220	102.7	2.4	0.6	0.6
475	1/19/2014 8:46:13	9.89	49.91	32.47	9.40	8.07	2.6	2.276	102.2	1.7	0.5	0.4
476	1/19/2014 9:01:12	9.72	49.53	32.18	9.32	8.06	5.5	2.340	100.8	1.6	0.4	0.4
477	1/19/2014 9:16:12	9.77	49.58	32.23	9.29	8.06	4.4	2.401	100.6	1.5	0.4	0.4
478	1/19/2014 9:31:12	9.85	49.74	32.34	9.23	8.05	4.0	2.493	100.2	1.3	0.4	0.3
479	1/19/2014 9:46:12	9.91	49.74	32.35	9.21	8.05	3.7	2.559	100.1	2.1	0.6	0.5
480	1/19/2014 10:01:12	9.96	49.74	32.35	9.20	8.05	3.6	2.640	100.1	1.7	0.5	0.4
481	1/19/2014 10:16:12	10.05	49.84	32.43	9.15	8.05	3.4	2.708	99.9	2.0	0.5	0.5
482	1/19/2014 10:31:12	10.09	49.88	32.46	9.15	8.05	3.2	2.780	100.0	2.1	0.6	0.5
483	1/19/2014 10:46:12	10.12	49.91	32.49	9.13	8.05	3.9	2.857	99.8	1.7	0.5	0.4
484	1/19/2014 11:01:12	10.13	49.96	32.52	9.10	8.05	3.2	2.920	99.5	2.0	0.5	0.5
485	1/19/2014 11:16:12	10.15	49.81	32.41	9.00	8.05	4.3	2.994	98.4	2.3	0.6	0.5
486	1/19/2014 11:31:12	10.17	49.93	32.50	8.97	8.05	3.9	3.063	98.2	1.8	0.5	0.4
487	1/19/2014 11:46:12	10.20	49.87	32.46	9.02	8.05	4.1	3.148	98.7	2.3	0.6	0.5
488	1/19/2014 12:01:12	10.21	50.20	32.70	9.03	8.06	3.6	3.206	99.1	2.1	0.6	0.5
489	1/19/2014 12:16:12	10.23	50.21	32.71	9.05	8.06	3.4	3.273	99.3	2.3	0.6	0.5
490	1/19/2014 12:31:13	10.22	50.25	32.74	9.05	8.07	2.9	3.310	99.3	2.5	0.7	0.6
491	1/19/2014 12:46:13	10.22	50.40	32.84	9.03	8.07	3.1	3.365	99.1	1.9	0.5	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
492	1/19/2014 13:01:12	10.22	50.09	32.62	9.05	8.06	2.4	3.387	99.3	2.4	0.6	0.6
493	1/19/2014 13:16:12	10.23	50.18	32.69	8.96	8.06	1.8	3.424	98.3	2.4	0.6	0.6
494	1/19/2014 13:31:12	10.34	50.03	32.58	9.39	8.10	2.5	3.425	103.3	2.3	0.6	0.5
495	1/19/2014 13:46:12	10.28	50.11	32.64	9.09	8.06	2.2	3.420	99.8	1.9	0.5	0.4
496	1/19/2014 14:01:12	10.26	50.17	32.68	8.99	8.06	2.8	3.395	98.7	1.6	0.4	0.4
497	1/19/2014 14:16:13	10.26	50.47	32.90	8.98	8.06	2.8	3.328	98.7	1.7	0.5	0.4
498	1/19/2014 14:31:13	10.30	50.19	32.70	9.04	8.07	3.9	3.277	99.4	2.2	0.6	0.5
499	1/19/2014 14:46:13	10.37	50.20	32.71	9.18	8.08	3.6	3.182	101.1	2.1	0.6	0.5
500	1/19/2014 15:01:13	10.39	50.12	32.65	9.39	8.08	3.3	3.098	103.4	1.9	0.5	0.4
501	1/19/2014 15:16:12	10.43	49.97	32.55	9.56	8.09	2.9	3.012	105.2	2.1	0.6	0.5
502	1/19/2014 15:31:12	10.45	49.96	32.54	9.59	8.09	3.1	2.919	105.7	2.0	0.5	0.5
503	1/19/2014 15:46:13	10.47	50.02	32.59	9.66	8.11	2.9	2.806	106.5	1.7	0.5	0.4
504	1/19/2014 16:01:12	10.44	49.65	32.31	9.89	8.10	3.1	2.719	108.8	1.9	0.5	0.5
505	1/19/2014 16:16:12	10.45	49.70	32.35	9.93	8.12	4.6	2.628	109.3	1.7	0.5	0.4
506	1/19/2014 16:31:12	10.49	49.85	32.47	9.96	8.12	2.7	2.521	109.8	1.5	0.4	0.4
507	1/19/2014 16:46:12	10.38	49.84	32.45	9.93	8.10	4.5	2.397	109.1	1.7	0.5	0.4
508	1/19/2014 17:01:13	10.34	49.91	32.50	9.67	8.10	3.2	2.297	106.2	2.4	0.6	0.6
509	1/19/2014 17:16:12	10.30	49.96	32.54	9.63	8.11	3.3	2.177	105.7	1.7	0.5	0.4
510	1/19/2014 17:31:13	10.28	50.06	32.61	9.73	8.11	4.0	2.079	106.8	2.2	0.6	0.5
511	1/19/2014 17:46:13	10.24	49.81	32.42	9.81	8.12	4.1	1.967	107.5	2.2	0.6	0.5
512	1/19/2014 18:01:12	10.21	49.69	32.33	9.87	8.11	4.0	1.864	108.0	2.3	0.6	0.5
513	1/19/2014 18:16:12	10.20	49.70	32.34	10.03	8.13	3.8	1.737	109.7	1.8	0.5	0.4
514	1/19/2014 18:31:12	10.19	49.54	32.22	10.06	8.13	3.8	1.655	109.9	2.2	0.6	0.5
515	1/19/2014 18:46:12	10.19	49.58	32.25	10.08	8.13	4.0	1.573	110.2	2.3	0.6	0.5
516	1/19/2014 19:01:12	10.15	49.67	32.31	10.10	8.14	3.4	1.470	110.4	2.0	0.5	0.5
517	1/19/2014 19:16:12	10.16	49.58	32.25	10.05	8.13	2.9	1.420	109.8	1.8	0.5	0.4
518	1/19/2014 19:31:12	10.16	49.62	32.28	10.15	8.14	2.2	1.410	110.9	1.8	0.5	0.4
519	1/19/2014 19:46:12	10.12	49.67	32.31	10.08	8.14	2.7	1.367	110.1	1.9	0.5	0.4
520	1/19/2014 20:01:12	10.15	49.63	32.29	10.17	8.14	2.7	1.378	111.1	1.6	0.4	0.4
521	1/19/2014 20:16:12	10.15	49.36	32.09	10.18	8.14	2.9	1.410	111.1	2.1	0.6	0.5
522	1/19/2014 20:31:12	10.17	49.68	32.32	10.33	8.15	5.0	1.453	112.9	1.9	0.5	0.4
523	1/19/2014 20:46:12	10.07	49.75	32.37	10.50	8.16	6.4	1.537	114.6	1.6	0.4	0.4
524	1/19/2014 21:01:12	10.12	49.52	32.20	10.47	8.16	6.1	1.586	114.2	1.9	0.5	0.5
525	1/19/2014 21:16:12	9.93	49.02	31.83	10.17	8.12	8.3	1.672	110.3	1.5	0.4	0.4
526	1/19/2014 21:31:12	9.94	49.19	31.95	10.06	8.11	11.4	1.768	109.2	1.7	0.5	0.4
527	1/19/2014 21:46:13	10.11	49.63	32.28	10.20	8.14	4.2	1.857	111.3	2.0	0.5	0.5
528	1/19/2014 22:01:12	10.12	49.34	32.07	10.16	8.13	2.8	1.931	110.8	1.9	0.5	0.5
529	1/19/2014 22:16:12	10.13	49.45	32.15	10.15	8.13	3.1	2.045	110.7	1.6	0.4	0.4
530	1/19/2014 22:31:12	10.22	49.51	32.20	10.04	8.12	2.9	2.133	109.8	2.1	0.6	0.5
531	1/19/2014 22:46:12	10.24	49.62	32.28	9.81	8.11	3.3	2.199	107.4	1.8	0.5	0.4
532	1/19/2014 23:01:12	10.25	49.75	32.37	9.71	8.10	3.4	2.294	106.3	2.3	0.6	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
533	1/19/2014 23:16:12	10.26	49.76	32.39	9.66	8.09	3.6	2.374	105.9	2.3	0.6	0.5
534	1/19/2014 23:31:13	10.28	50.06	32.61	9.59	8.10	3.9	2.464	105.3	1.9	0.5	0.4
535	1/19/2014 23:46:13	10.29	50.10	32.63	9.53	8.09	4.2	2.554	104.7	2.0	0.5	0.5
536	1/20/2014 0:01:12	10.28	49.80	32.42	9.50	8.08	4.7	2.635	104.2	2.3	0.6	0.5
537	1/20/2014 0:16:12	10.29	49.84	32.44	9.48	8.08	4.5	2.715	104.0	2.0	0.5	0.5
538	1/20/2014 0:31:13	10.29	50.14	32.66	9.35	8.08	5.7	2.818	102.7	2.0	0.5	0.5
539	1/20/2014 0:46:12	10.27	49.96	32.53	9.28	8.07	6.4	2.888	101.8	2.3	0.6	0.5
540	1/20/2014 1:01:12	10.23	50.08	32.61	9.21	8.07	6.3	2.973	101.0	2.6	0.7	0.6
541	1/20/2014 1:16:12	10.22	50.12	32.64	9.19	8.07	6.1	3.064	100.8	2.6	0.7	0.6
542	1/20/2014 1:31:12	10.20	49.96	32.53	9.17	8.07	5.5	3.135	100.5	2.3	0.6	0.5
543	1/20/2014 1:46:12	10.19	50.37	32.82	9.13	8.06	5.3	3.208	100.2	2.8	0.8	0.7
544	1/20/2014 2:01:13	10.18	49.99	32.54	9.12	8.06	4.9	3.266	99.8	2.2	0.6	0.5
545	1/20/2014 2:16:12	10.17	50.17	32.68	9.06	8.06	3.4	3.307	99.3	2.4	0.6	0.6
546	1/20/2014 2:31:12	10.10	50.29	32.76	9.08	8.06	3.2	3.344	99.4	2.2	0.6	0.5
547	1/20/2014 2:46:13	10.01	50.48	32.89	9.01	8.06	3.1	3.365	98.6	5.6	1.5	1.3
548	1/20/2014 3:01:12	9.81	50.06	32.57	9.09	8.06	3.7	3.356	98.8	2.1	0.6	0.5
549	1/20/2014 3:16:12	10.12	49.80	32.41	9.07	8.06	4.4	3.324	99.1	2.4	0.6	0.6
550	1/20/2014 3:31:12	10.11	50.08	32.61	9.05	8.06	4.5	3.294	99.0	2.5	0.7	0.6
551	1/20/2014 3:46:12	10.06	50.11	32.63	9.07	8.06	3.9	3.220	99.2	2.2	0.6	0.5
552	1/20/2014 4:01:12	9.97	49.79	32.39	9.12	8.06	3.9	3.158	99.3	2.8	0.8	0.7
553	1/20/2014 4:16:13	10.04	50.17	32.67	9.07	8.06	3.9	3.056	99.1	2.3	0.6	0.5
554	1/20/2014 4:31:12	10.04	50.02	32.56	9.10	8.06	4.3	2.987	99.4	2.4	0.6	0.6
555	1/20/2014 4:46:12	10.00	49.94	32.50	9.12	8.06	3.6	2.913	99.4	2.2	0.6	0.5
556	1/20/2014 5:01:12	9.82	49.75	32.35	9.20	8.07	3.9	2.821	99.9	2.2	0.6	0.5
557	1/20/2014 5:16:12	9.77	49.84	32.41	9.23	8.07	4.3	2.743	100.1	1.8	0.5	0.4
558	1/20/2014 5:31:12	9.83	49.81	32.40	9.23	8.07	3.7	2.668	100.2	2.1	0.6	0.5
559	1/20/2014 5:46:13	9.81	49.90	32.46	9.21	8.08	3.3	2.591	100.0	2.1	0.6	0.5
560	1/20/2014 6:01:13	9.78	49.87	32.43	9.25	8.08	3.1	2.527	100.4	2.0	0.5	0.5
561	1/20/2014 6:16:12	9.81	49.67	32.29	9.25	8.07	3.2	2.453	100.3	2.3	0.6	0.5
562	1/20/2014 6:31:12	9.75	49.65	32.27	9.22	8.07	3.7	2.383	99.9	2.1	0.6	0.5
563	1/20/2014 6:46:12	9.83	49.63	32.26	9.21	8.07	2.6	2.322	99.9	2.2	0.6	0.5
564	1/20/2014 7:01:13	9.75	49.85	32.41	9.23	8.08	2.6	2.256	100.1	1.9	0.5	0.4
565	1/20/2014 7:16:12	9.69	49.45	32.12	9.24	8.08	2.3	2.202	99.8	1.7	0.5	0.4
566	1/20/2014 7:31:12	9.73	49.34	32.05	9.33	8.08	2.2	2.160	100.9	1.4	0.4	0.3
567	1/20/2014 7:46:12	9.55	49.62	32.24	9.22	8.08	2.5	2.122	99.4	1.5	0.4	0.3
568	1/20/2014 8:01:12	9.60	49.72	32.31	9.32	8.08	2.8	2.098	100.7	1.8	0.5	0.4
569	1/20/2014 8:16:13	9.64	49.77	32.35	9.35	8.08	1.7	2.088	101.1	1.8	0.5	0.4
570	1/20/2014 8:31:13	9.61	49.65	32.26	9.40	8.09	2.6	2.098	101.5	1.8	0.5	0.4
571	1/20/2014 8:46:13	9.66	49.78	32.36	9.41	8.09	2.3	2.104	101.7	1.8	0.5	0.4
572	1/20/2014 9:01:13	9.72	49.67	32.28	9.45	8.09	3.2	2.142	102.3	1.6	0.4	0.4
573	1/20/2014 9:16:12	9.73	49.50	32.16	9.51	8.09	2.7	2.210	102.9	2.1	0.6	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
574	1/20/2014 9:31:12	9.75	49.71	32.31	9.43	8.08	7.4	2.263	102.1	1.6	0.4	0.4
575	1/20/2014 9:46:13	9.46	49.66	32.26	9.34	8.07	9.1	2.329	100.5	2.0	0.5	0.5
576	1/20/2014 10:01:12	9.61	49.55	32.19	9.31	8.07	4.8	2.394	100.4	2.1	0.6	0.5
577	1/20/2014 10:16:12	9.72	49.76	32.35	9.23	8.07	8.5	2.469	100.0	1.9	0.5	0.4
578	1/20/2014 10:31:12	9.75	49.52	32.18	9.23	8.07	28.6	2.538	99.9	1.9	0.5	0.4
579	1/20/2014 10:46:12	9.79	49.85	32.42	9.21	8.07	7.0	2.597	99.9	1.9	0.5	0.5
580	1/20/2014 11:01:13	9.91	49.93	32.48	9.18	8.07	5.1	2.664	99.9	2.0	0.5	0.5
581	1/20/2014 11:16:13	10.00	50.16	32.66	9.16	8.07	6.2	2.726	100.0	1.8	0.5	0.4
582	1/20/2014 11:31:12	10.03	49.89	32.47	9.17	8.06	12.9	2.796	100.0	2.1	0.6	0.5
583	1/20/2014 11:46:13	10.06	50.12	32.63	9.19	8.07	7.7	2.859	100.4	1.7	0.5	0.4
584	1/20/2014 12:01:12	10.09	49.88	32.46	9.20	8.07	5.8	2.902	100.4	2.0	0.5	0.5
585	1/20/2014 12:16:12	10.11	49.70	32.33	9.17	8.06	3.6	2.969	100.2	2.3	0.6	0.5
586	1/20/2014 12:31:12	10.13	50.12	32.64	9.10	8.06	5.0	3.031	99.6	1.9	0.5	0.5
587	1/20/2014 12:46:13	10.15	50.27	32.74	9.03	8.06	7.5	3.086	98.9	2.4	0.6	0.6
588	1/20/2014 13:01:12	10.16	49.92	32.49	8.97	8.05	3.7	3.151	98.1	2.5	0.7	0.6
589	1/20/2014 13:16:12	10.16	50.05	32.59	8.95	8.05	4.3	3.202	98.0	2.6	0.7	0.6
590	1/20/2014 13:31:13	10.16	50.23	32.72	8.95	8.06	4.3	3.243	98.1	2.2	0.6	0.5
591	1/20/2014 13:46:13	10.16	50.36	32.81	8.93	8.06	4.2	3.259	98.0	1.4	0.4	0.3
592	1/20/2014 14:01:12	10.17	50.01	32.56	8.89	8.05	2.4	3.283	97.3	1.8	0.5	0.4
593	1/20/2014 14:16:13	10.21	50.13	32.65	9.02	8.06	3.2	3.292	98.9	2.2	0.6	0.5
594	1/20/2014 14:31:13	10.22	50.13	32.65	8.93	8.06	3.5	3.275	97.9	2.2	0.6	0.5
595	1/20/2014 14:46:13	10.19	50.20	32.70	8.92	8.05	3.5	3.227	97.8	2.3	0.6	0.5
596	1/20/2014 15:01:12	10.22	50.19	32.70	8.92	8.05	4.2	3.178	97.9	2.3	0.6	0.5
597	1/20/2014 15:16:12	10.31	50.07	32.62	9.10	8.06	3.4	3.121	99.9	2.2	0.6	0.5
598	1/20/2014 15:31:13	10.40	50.05	32.60	9.40	8.09	4.2	3.060	103.5	2.5	0.7	0.6
599	1/20/2014 15:46:12	10.44	49.70	32.35	9.52	8.09	4.0	2.965	104.7	2.0	0.5	0.5
600	1/20/2014 16:01:12	10.46	49.75	32.39	9.69	8.11	3.7	2.869	106.7	1.9	0.5	0.4
601	1/20/2014 16:16:13	10.38	49.89	32.49	9.56	8.10	3.9	2.805	105.1	1.8	0.5	0.4
602	1/20/2014 16:31:13	10.39	49.85	32.46	9.65	8.11	3.4	2.740	106.1	2.1	0.6	0.5
603	1/20/2014 16:46:12	10.43	49.91	32.51	9.71	8.11	3.7	2.619	106.8	1.9	0.5	0.4
604	1/20/2014 17:01:13	10.46	50.03	32.59	9.83	8.12	2.9	2.553	108.3	1.8	0.5	0.4
605	1/20/2014 17:16:12	10.46	49.84	32.46	9.92	8.13	3.1	2.445	109.2	1.6	0.4	0.4
606	1/20/2014 17:31:12	10.36	49.88	32.48	10.11	8.14	2.6	2.352	111.1	1.9	0.5	0.4
607	1/20/2014 17:46:13	10.25	49.96	32.53	9.69	8.11	3.2	2.266	106.2	2.1	0.6	0.5
608	1/20/2014 18:01:12	10.22	49.84	32.44	9.72	8.11	3.4	2.160	106.5	2.1	0.6	0.5
609	1/20/2014 18:16:13	10.19	49.71	32.35	9.74	8.12	3.7	2.060	106.5	2.2	0.6	0.5
610	1/20/2014 18:31:13	10.18	49.81	32.41	9.87	8.13	3.6	1.957	108.0	1.8	0.5	0.4
611	1/20/2014 18:46:13	10.15	49.92	32.49	9.86	8.13	3.4	1.837	107.8	1.6	0.4	0.4
612	1/20/2014 19:01:12	10.15	49.66	32.31	9.99	8.14	3.2	1.757	109.2	2.4	0.6	0.6
613	1/20/2014 19:16:13	10.14	49.77	32.38	9.87	8.14	3.2	1.698	107.9	2.1	0.6	0.5
614	1/20/2014 19:31:13	10.09	49.84	32.43	9.91	8.15	3.2	1.623	108.2	2.1	0.6	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
615	1/20/2014 19:46:12	10.13	49.52	32.20	10.04	8.15	2.6	1.590	109.6	1.6	0.4	0.4
616	1/20/2014 20:01:12	10.12	49.63	32.28	9.94	8.14	2.5	1.508	108.6	2.0	0.5	0.5
617	1/20/2014 20:16:13	10.16	49.71	32.34	10.14	8.16	2.1	1.569	110.8	2.0	0.5	0.5
618	1/20/2014 20:31:13	10.13	49.83	32.43	9.94	8.15	3.1	1.510	108.7	2.2	0.6	0.5
619	1/20/2014 20:46:12	10.16	49.58	32.25	10.28	8.15	2.2	1.560	112.3	1.8	0.5	0.4
620	1/20/2014 21:01:12	10.16	49.40	32.12	10.28	8.16	2.3	1.582	112.2	1.6	0.4	0.4
621	1/20/2014 21:16:12	10.13	49.67	32.31	10.63	8.18	1.8	1.644	116.1	2.0	0.5	0.5
622	1/20/2014 21:31:12	10.13	49.41	32.12	10.68	8.18	2.3	1.737	116.5	1.8	0.5	0.4
623	1/20/2014 21:46:12	9.95	49.24	31.99	10.38	8.14	4.5	1.787	112.7	1.7	0.5	0.4
624	1/20/2014 22:01:13	9.90	49.26	32.00	10.20	8.13	3.6	1.834	110.7	1.5	0.4	0.4
625	1/20/2014 22:16:13	10.02	49.56	32.23	10.28	8.15	3.2	1.932	112.0	1.6	0.4	0.4
626	1/20/2014 22:31:12	10.08	49.36	32.09	10.24	8.14	2.8	2.047	111.5	1.9	0.5	0.5
627	1/20/2014 22:46:13	10.10	49.63	32.28	10.16	8.14	2.8	2.100	110.8	1.9	0.5	0.4
628	1/20/2014 23:01:12	10.13	49.41	32.12	10.13	8.14	2.7	2.209	110.5	1.8	0.5	0.4
629	1/20/2014 23:16:12	10.21	49.59	32.26	9.89	8.12	2.9	2.246	108.2	1.7	0.5	0.4
630	1/20/2014 23:31:13	10.24	49.89	32.48	9.72	8.11	3.1	2.362	106.6	2.0	0.5	0.5
631	1/20/2014 23:46:12	10.25	49.62	32.28	9.67	8.11	3.0	2.419	105.9	1.7	0.5	0.4
632	1/21/2014 0:01:12	10.27	49.56	32.24	9.65	8.10	3.7	2.539	105.6	2.1	0.6	0.5
633	1/21/2014 0:16:12	10.29	49.50	32.20	9.61	8.10	4.2	2.590	105.3	2.1	0.6	0.5
634	1/21/2014 0:31:12	10.29	49.81	32.42	9.51	8.09	3.9	2.663	104.3	2.4	0.6	0.6
635	1/21/2014 0:46:12	10.29	49.88	32.47	9.48	8.09	4.5	2.756	104.0	2.3	0.6	0.5
636	1/21/2014 1:01:13	10.29	49.95	32.53	9.41	8.09	5.3	2.836	103.3	2.5	0.7	0.6
637	1/21/2014 1:16:12	10.28	49.97	32.54	9.31	8.08	5.9	2.931	102.2	2.6	0.7	0.6
638	1/21/2014 1:31:13	10.26	49.94	32.51	9.21	8.07	6.7	3.017	101.0	2.4	0.6	0.6
639	1/21/2014 1:46:12	10.23	49.95	32.52	9.13	8.06	6.1	3.074	100.1	2.2	0.6	0.5
640	1/21/2014 2:01:12	10.21	50.08	32.61	9.08	8.06	5.5	3.126	99.5	2.8	0.8	0.6
641	1/21/2014 2:16:12	10.18	50.15	32.66	9.12	8.06	5.0	3.227	99.9	3.0	0.8	0.7
642	1/21/2014 2:31:13	10.18	50.30	32.77	9.15	8.06	4.2	3.266	100.3	2.4	0.6	0.6
643	1/21/2014 2:46:13	10.16	50.39	32.83	9.14	8.06	4.0	3.365	100.2	2.1	0.6	0.5
644	1/21/2014 3:01:13	10.16	50.13	32.65	9.15	8.05	3.4	3.353	100.2	2.1	0.6	0.5
645	1/21/2014 3:16:12	9.94	49.89	32.46	9.15	8.06	3.3	3.359	99.6	2.6	0.7	0.6
646	1/21/2014 3:31:13	10.15	50.15	32.66	9.06	8.06	3.9	3.341	99.2	3.7	1.0	0.9
647	1/21/2014 3:46:13	10.14	50.25	32.74	9.05	8.06	3.6	3.343	99.2	1.8	0.5	0.4
648	1/21/2014 4:01:12	10.15	49.99	32.55	9.08	8.05	3.6	3.275	99.4	1.9	0.5	0.5
649	1/21/2014 4:16:12	10.13	50.01	32.56	9.09	8.05	4.5	3.263	99.5	2.2	0.6	0.5
650	1/21/2014 4:31:12	10.07	49.66	32.30	9.12	8.06	3.9	3.201	99.4	2.0	0.5	0.5
651	1/21/2014 4:46:13	10.07	50.17	32.67	9.00	8.06	3.7	3.115	98.4	2.5	0.7	0.6
652	1/21/2014 5:01:12	10.04	49.77	32.38	9.17	8.07	3.9	3.053	100.0	2.0	0.5	0.5
653	1/21/2014 5:16:12	10.03	49.61	32.26	9.18	8.07	4.0	3.006	100.0	2.0	0.5	0.5
654	1/21/2014 5:31:13	9.97	50.00	32.54	9.18	8.08	3.6	2.941	100.1	2.1	0.6	0.5
655	1/21/2014 5:46:13	9.95	49.90	32.46	9.21	8.08	3.4	2.837	100.3	1.4	0.4	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
656	1/21/2014 6:01:12	9.92	49.63	32.27	9.22	8.08	3.4	2.772	100.3	1.5	0.4	0.4
657	1/21/2014 6:16:12	9.91	49.47	32.16	9.25	8.08	3.0	2.664	100.5	1.9	0.5	0.5
658	1/21/2014 6:31:13	9.88	49.69	32.31	9.23	8.08	2.8	2.600	100.3	1.8	0.5	0.4
659	1/21/2014 6:46:12	9.96	49.73	32.34	9.23	8.08	3.3	2.512	100.5	2.3	0.6	0.5
660	1/21/2014 7:01:12	9.91	49.55	32.21	9.22	8.08	2.9	2.439	100.2	1.9	0.5	0.4
661	1/21/2014 7:16:12	9.95	49.90	32.47	9.23	8.08	2.8	2.353	100.5	1.4	0.4	0.3
662	1/21/2014 7:31:13	9.90	49.93	32.48	9.17	8.08	3.0	2.289	99.8	1.9	0.5	0.4
663	1/21/2014 7:46:13	9.87	49.91	32.47	9.26	8.08	2.8	2.221	100.7	2.1	0.6	0.5
664	1/21/2014 8:01:13	9.77	49.92	32.47	9.24	8.08	2.4	2.170	100.2	2.0	0.5	0.5
665	1/21/2014 8:16:12	9.75	49.41	32.10	9.24	8.08	2.3	2.108	100.0	1.8	0.5	0.4
666	1/21/2014 8:31:13	9.79	49.72	32.33	9.43	8.10	2.2	2.066	102.3	1.3	0.4	0.3
667	1/21/2014 8:46:13	9.79	49.83	32.41	9.44	8.10	2.0	2.059	102.4	1.7	0.5	0.4
668	1/21/2014 9:01:13	9.78	49.66	32.28	9.38	8.10	1.9	2.025	101.6	2.0	0.5	0.5
669	1/21/2014 9:16:13	9.77	49.78	32.36	9.42	8.10	2.2	2.045	102.1	2.0	0.5	0.5
670	1/21/2014 9:31:13	9.78	49.51	32.17	9.61	8.11	1.7	2.052	104.1	2.1	0.6	0.5
671	1/21/2014 9:46:13	9.80	49.50	32.16	9.63	8.11	2.1	2.054	104.3	1.9	0.5	0.4
672	1/21/2014 10:01:12	9.82	49.24	31.98	9.66	8.11	2.1	2.110	104.5	1.9	0.5	0.4
673	1/21/2014 10:16:13	9.84	49.73	32.34	9.61	8.11	2.6	2.190	104.3	2.1	0.6	0.5
674	1/21/2014 10:31:12	9.71	49.44	32.12	9.51	8.09	3.4	2.221	102.8	2.2	0.6	0.5
675	1/21/2014 10:46:13	9.49	49.18	31.92	9.35	8.08	4.0	2.315	100.4	2.0	0.5	0.5
676	1/21/2014 11:01:13	9.67	49.75	32.34	9.32	8.08	3.4	2.375	100.8	1.9	0.5	0.5
677	1/21/2014 11:16:12	9.75	49.38	32.07	9.30	8.07	3.0	2.436	100.6	1.7	0.5	0.4
678	1/21/2014 11:31:12	9.82	49.64	32.27	9.26	8.07	2.9	2.508	100.4	1.6	0.4	0.4
679	1/21/2014 11:46:13	9.88	49.82	32.40	9.25	8.08	2.6	2.565	100.5	2.1	0.6	0.5
680	1/21/2014 12:01:12	9.98	49.93	32.49	9.19	8.07	2.6	2.638	100.1	2.0	0.5	0.5
681	1/21/2014 12:16:13	10.04	49.90	32.47	9.18	8.07	2.5	2.670	100.2	2.1	0.6	0.5
682	1/21/2014 12:31:13	10.09	50.11	32.62	9.17	8.07	2.3	2.725	100.3	1.7	0.5	0.4
683	1/21/2014 12:46:13	10.12	49.85	32.44	9.20	8.08	2.5	2.787	100.6	2.0	0.5	0.5
684	1/21/2014 13:01:13	10.15	49.97	32.53	9.23	8.08	2.7	2.832	101.0	1.7	0.5	0.4
685	1/21/2014 13:16:13	10.17	50.06	32.60	9.23	8.08	2.3	2.856	101.1	1.7	0.5	0.4
686	1/21/2014 13:31:12	10.18	49.85	32.45	9.23	8.07	2.3	2.936	101.0	2.4	0.6	0.6
687	1/21/2014 13:46:13	10.18	50.07	32.60	9.19	8.07	2.4	2.964	100.6	2.2	0.6	0.5
688	1/21/2014 14:01:13	10.18	50.13	32.64	9.17	8.07	2.3	3.000	100.4	1.8	0.5	0.4
689	1/21/2014 14:16:12	10.19	49.79	32.40	9.16	8.06	2.1	3.064	100.3	2.8	0.8	0.7
690	1/21/2014 14:31:13	10.20	50.11	32.63	9.14	8.06	2.3	3.104	100.1	2.3	0.6	0.5
691	1/21/2014 14:46:13	10.21	50.16	32.67	9.15	8.07	2.5	3.066	100.3	1.9	0.5	0.4
692	1/21/2014 15:01:12	10.25	49.90	32.49	9.12	8.06	2.3	3.111	100.0	1.4	0.4	0.3
693	1/21/2014 15:16:13	10.22	49.97	32.54	9.12	8.06	2.3	3.091	99.9	2.0	0.5	0.5
694	1/21/2014 15:31:13	10.21	50.07	32.61	9.08	8.06	2.3	3.056	99.5	1.8	0.5	0.4
695	1/21/2014 15:46:12	10.22	50.10	32.63	9.10	8.06	2.3	3.014	99.8	1.7	0.5	0.4
696	1/21/2014 16:01:13	10.23	50.11	32.63	9.13	8.07	2.6	2.965	100.1	2.0	0.5	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
697	1/21/2014 16:16:13	10.36	49.94	32.52	9.38	8.09	2.9	2.918	103.1	1.7	0.5	0.4
698	1/21/2014 16:31:12	10.33	49.95	32.53	9.47	8.09	3.4	2.847	104.1	2.2	0.6	0.5
699	1/21/2014 16:46:13	10.34	50.05	32.60	9.50	8.10	3.2	2.762	104.4	1.9	0.5	0.5
700	1/21/2014 17:01:12	10.31	49.64	32.30	9.53	8.10	3.4	2.699	104.5	1.9	0.5	0.4
701	1/21/2014 17:16:12	10.30	49.42	32.14	9.60	8.11	3.9	2.606	105.1	2.2	0.6	0.5
702	1/21/2014 17:31:13	10.31	49.90	32.49	9.66	8.12	3.4	2.521	106.0	1.8	0.5	0.4
703	1/21/2014 17:46:12	10.32	49.60	32.27	9.78	8.12	3.9	2.452	107.2	2.6	0.7	0.6
704	1/21/2014 18:01:12	10.29	49.77	32.39	9.80	8.13	4.7	2.364	107.5	2.2	0.6	0.5
705	1/21/2014 18:16:13	10.25	49.80	32.41	9.81	8.13	4.0	2.272	107.4	2.2	0.6	0.5
706	1/21/2014 18:31:12	10.20	49.83	32.43	9.68	8.12	4.2	2.193	106.0	2.0	0.5	0.5
707	1/21/2014 18:46:13	10.16	49.77	32.38	9.65	8.12	3.7	2.091	105.5	2.4	0.6	0.6
708	1/21/2014 19:01:12	10.09	49.94	32.50	9.65	8.12	3.8	1.993	105.4	2.2	0.6	0.5
709	1/21/2014 19:16:12	10.08	49.55	32.22	9.67	8.13	3.6	1.909	105.4	2.2	0.6	0.5
710	1/21/2014 19:31:13	10.09	49.84	32.43	9.67	8.13	3.5	1.859	105.6	2.0	0.5	0.5
711	1/21/2014 19:46:13	10.06	49.63	32.27	9.72	8.14	3.1	1.785	106.0	2.1	0.6	0.5
712	1/21/2014 20:01:13	10.02	49.95	32.51	9.68	8.14	3.4	1.739	105.7	2.1	0.6	0.5
713	1/21/2014 20:16:13	10.04	49.80	32.40	9.71	8.14	5.5	1.697	105.9	2.3	0.6	0.5
714	1/21/2014 20:31:13	10.08	49.84	32.43	9.78	8.13	2.4	1.659	106.8	1.8	0.5	0.4
715	1/21/2014 20:46:12	10.08	49.37	32.09	9.76	8.13	2.3	1.630	106.3	2.1	0.6	0.5
716	1/21/2014 21:01:12	10.11	49.76	32.38	9.97	8.15	2.3	1.652	108.9	1.9	0.5	0.5
717	1/21/2014 21:16:12	10.14	49.48	32.17	10.20	8.16	1.9	1.663	111.3	2.1	0.6	0.5
718	1/21/2014 21:31:13	10.12	49.77	32.38	10.05	8.16	2.4	1.706	109.8	2.0	0.5	0.5
719	1/21/2014 21:46:12	10.14	49.47	32.17	10.41	8.18	2.3	1.742	113.6	1.6	0.4	0.4
720	1/21/2014 22:01:13	10.13	49.60	32.26	10.47	8.18	2.5	1.811	114.3	2.2	0.6	0.5
721	1/21/2014 22:16:13	10.05	49.66	32.30	10.35	8.17	3.2	1.871	112.8	1.7	0.5	0.4
722	1/21/2014 22:31:13	9.87	49.32	32.04	10.20	8.14	4.3	1.941	110.5	2.2	0.6	0.5
723	1/21/2014 22:46:12	9.94	49.18	31.95	10.19	8.14	3.4	2.029	110.6	2.0	0.5	0.5
724	1/21/2014 23:01:13	10.06	49.63	32.28	10.05	8.14	3.4	2.088	109.6	2.0	0.5	0.5
725	1/21/2014 23:16:13	10.08	49.53	32.20	9.96	8.14	3.0	2.186	108.5	2.2	0.6	0.5
726	1/21/2014 23:31:13	10.10	49.69	32.32	9.90	8.13	2.9	2.255	108.0	2.1	0.6	0.5
727	1/21/2014 23:46:12	10.14	49.50	32.19	9.83	8.12	2.8	2.316	107.3	2.1	0.6	0.5
728	1/22/2014 0:01:12	10.18	49.37	32.10	9.71	8.11	2.7	2.397	106.1	2.1	0.6	0.5
729	1/22/2014 0:16:13	10.21	49.85	32.44	9.62	8.11	2.9	2.475	105.4	1.8	0.5	0.4
730	1/22/2014 0:31:12	10.23	49.60	32.26	9.58	8.10	2.9	2.557	104.8	2.6	0.7	0.6
731	1/22/2014 0:46:13	10.23	49.98	32.54	9.52	8.10	3.2	2.631	104.3	2.1	0.6	0.5
732	1/22/2014 1:01:13	10.23	49.83	32.43	9.46	8.10	3.4	2.701	103.6	2.2	0.6	0.5
733	1/22/2014 1:16:13	10.23	49.87	32.46	9.41	8.09	3.4	2.780	103.1	2.0	0.5	0.5
734	1/22/2014 1:31:13	10.23	49.94	32.52	9.37	8.09	4.2	2.853	102.6	2.6	0.7	0.6
735	1/22/2014 1:46:13	10.23	49.99	32.55	9.34	8.08	4.0	2.935	102.4	2.4	0.6	0.6
736	1/22/2014 2:01:13	10.21	50.10	32.62	9.26	8.07	4.7	3.007	101.5	2.2	0.6	0.5
737	1/22/2014 2:16:12	10.19	49.77	32.39	9.18	8.06	5.0	3.094	100.4	2.3	0.6	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
738	1/22/2014 2:31:12	10.17	49.94	32.51	9.16	8.05	5.8	3.150	100.2	2.6	0.7	0.6
739	1/22/2014 2:46:12	10.15	49.98	32.54	9.18	8.05	5.9	3.227	100.4	2.3	0.6	0.5
740	1/22/2014 3:01:13	10.13	50.27	32.75	9.19	8.05	5.7	3.264	100.7	2.0	0.5	0.5
741	1/22/2014 3:16:13	10.13	50.35	32.80	9.18	8.04	4.2	3.311	100.6	2.0	0.5	0.5
742	1/22/2014 3:31:13	10.12	50.26	32.74	9.20	8.04	3.7	3.375	100.8	2.5	0.7	0.6
743	1/22/2014 3:46:13	10.12	50.41	32.85	9.17	8.04	3.6	3.406	100.5	2.3	0.6	0.5
744	1/22/2014 4:01:13	10.01	50.00	32.54	9.08	8.05	3.7	3.381	99.1	2.0	0.5	0.5
745	1/22/2014 4:16:13	10.10	50.37	32.82	9.11	8.04	3.9	3.383	99.7	2.1	0.6	0.5
746	1/22/2014 4:31:13	10.12	50.04	32.58	9.13	8.05	4.2	3.342	99.8	1.8	0.5	0.4
747	1/22/2014 4:46:13	10.11	50.15	32.65	9.14	8.04	4.3	3.301	100.0	2.4	0.6	0.6
748	1/22/2014 5:01:13	10.10	50.04	32.58	9.11	8.06	4.4	3.240	99.6	2.1	0.6	0.5
749	1/22/2014 5:16:12	10.09	49.89	32.47	9.07	8.05	3.8	3.174	99.0	2.4	0.6	0.6
750	1/22/2014 5:31:12	10.14	49.81	32.41	9.05	8.05	4.0	3.102	98.9	2.6	0.7	0.6
751	1/22/2014 5:46:13	10.12	50.00	32.55	9.06	8.06	3.8	3.004	99.0	2.1	0.6	0.5
752	1/22/2014 6:01:13	10.10	50.07	32.60	9.10	8.07	3.6	2.934	99.5	2.3	0.6	0.5
753	1/22/2014 6:16:12	10.05	49.73	32.35	9.16	8.07	3.9	2.860	99.9	1.6	0.4	0.4
754	1/22/2014 6:31:13	10.03	49.99	32.54	9.15	8.08	3.8	2.778	99.9	2.0	0.5	0.5
755	1/22/2014 6:46:12	10.02	49.72	32.34	9.16	8.07	4.2	2.687	99.8	2.0	0.5	0.5
756	1/22/2014 7:01:13	10.02	49.99	32.53	9.14	8.08	3.4	2.617	99.8	1.7	0.5	0.4
757	1/22/2014 7:16:13	10.02	49.93	32.49	9.16	8.07	3.3	2.520	99.9	1.7	0.5	0.4
758	1/22/2014 7:31:12	9.97	49.70	32.32	9.16	8.08	3.1	2.447	99.7	1.7	0.5	0.4
759	1/22/2014 7:46:13	10.02	49.98	32.52	9.19	8.08	3.0	2.375	100.3	1.7	0.5	0.4
760	1/22/2014 8:01:13	9.95	49.94	32.50	9.16	8.08	3.2	2.293	99.8	2.5	0.7	0.6
761	1/22/2014 8:16:13	9.90	49.64	32.28	9.23	8.08	3.1	2.216	100.3	1.5	0.4	0.4
762	1/22/2014 8:31:13	9.86	49.79	32.38	9.21	8.08	2.9	2.159	100.0	1.7	0.5	0.4
763	1/22/2014 8:46:13	9.83	49.84	32.41	9.27	8.09	2.8	2.098	100.7	2.0	0.5	0.5
764	1/22/2014 9:01:13	9.85	49.85	32.42	9.35	8.10	2.8	2.037	101.6	1.9	0.5	0.4
765	1/22/2014 9:16:13	9.84	49.64	32.27	9.35	8.10	2.5	1.999	101.4	1.6	0.4	0.4
766	1/22/2014 9:31:13	9.87	49.82	32.40	9.42	8.11	2.3	1.972	102.3	1.9	0.5	0.4
767	1/22/2014 9:46:12	9.89	49.41	32.11	9.40	8.11	1.9	1.949	102.0	2.1	0.6	0.5
768	1/22/2014 10:01:13	9.89	49.82	32.41	9.40	8.11	2.3	1.942	102.2	2.0	0.5	0.5
769	1/22/2014 10:16:13	9.90	49.31	32.04	9.58	8.12	1.8	1.961	103.9	1.7	0.5	0.4
770	1/22/2014 10:31:12	9.92	49.67	32.30	9.59	8.12	1.7	1.993	104.3	1.8	0.5	0.4
771	1/22/2014 10:46:13	9.94	49.59	32.24	9.60	8.12	1.8	2.013	104.3	2.0	0.5	0.5
772	1/22/2014 11:01:13	9.96	49.49	32.17	9.58	8.12	2.1	2.060	104.1	2.0	0.5	0.5
773	1/22/2014 11:16:13	9.95	49.67	32.30	9.51	8.11	2.5	2.123	103.4	1.7	0.5	0.4
774	1/22/2014 11:31:12	9.77	49.31	32.03	9.36	8.08	3.7	2.185	101.2	2.2	0.6	0.5
775	1/22/2014 11:46:13	9.86	49.54	32.20	9.35	8.09	3.1	2.241	101.5	2.3	0.6	0.5
776	1/22/2014 12:01:13	9.94	49.48	32.16	9.34	8.09	2.9	2.294	101.5	1.6	0.4	0.4
777	1/22/2014 12:16:13	9.97	49.52	32.20	9.29	8.09	3.0	2.362	101.1	2.2	0.6	0.5
778	1/22/2014 12:31:13	10.01	49.86	32.44	9.25	8.08	2.6	2.398	100.9	2.1	0.6	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
779	1/22/2014 12:46:13	10.04	49.92	32.49	9.20	8.08	2.5	2.455	100.4	2.0	0.5	0.5
780	1/22/2014 13:01:13	10.08	49.89	32.46	9.19	8.07	2.7	2.520	100.4	2.0	0.5	0.5
781	1/22/2014 13:16:13	10.13	49.97	32.53	9.18	8.07	5.4	2.561	100.4	1.7	0.5	0.4
782	1/22/2014 13:31:12	10.17	49.92	32.49	9.20	8.07	5.6	2.605	100.7	2.1	0.6	0.5
783	1/22/2014 13:46:13	10.20	50.01	32.56	9.21	8.07	2.5	2.638	100.8	2.5	0.7	0.6
784	1/22/2014 14:01:12	10.22	49.65	32.31	9.23	8.07	2.6	2.687	101.1	1.6	0.4	0.4
785	1/22/2014 14:16:12	10.23	49.73	32.36	9.24	8.07	2.8	2.747	101.2	2.3	0.6	0.5
786	1/22/2014 14:31:12	10.25	49.76	32.38	9.25	8.07	2.9	2.795	101.3	2.5	0.7	0.6
787	1/22/2014 14:46:13	10.25	49.95	32.52	9.22	8.07	2.5	2.827	101.1	2.6	0.7	0.6
788	1/22/2014 15:01:13	10.24	50.06	32.60	9.19	8.07	2.3	2.846	100.8	2.5	0.7	0.6
789	1/22/2014 15:16:13	10.24	49.99	32.55	9.18	8.07	4.8	2.894	100.6	2.1	0.6	0.5
790	1/22/2014 15:31:13	10.26	50.05	32.59	9.12	8.06	1.9	2.928	100.1	2.0	0.5	0.5
791	1/22/2014 15:46:13	10.38	49.69	32.34	9.37	8.08	2.4	2.929	103.0	1.8	0.5	0.4
792	1/22/2014 16:01:13	10.29	49.94	32.52	9.04	8.06	2.1	2.929	99.2	1.7	0.5	0.4
793	1/22/2014 16:16:12	10.27	49.96	32.53	9.08	8.06	2.1	2.926	99.6	2.0	0.5	0.5
794	1/22/2014 16:31:13	10.26	50.07	32.61	9.07	8.06	2.0	2.869	99.6	2.0	0.5	0.5
795	1/22/2014 16:46:13	10.27	50.06	32.60	9.10	8.06	2.7	2.849	99.9	1.9	0.5	0.4
796	1/22/2014 17:01:12	10.28	49.70	32.34	9.13	8.06	2.3	2.807	100.1	1.9	0.5	0.4
797	1/22/2014 17:16:13	10.34	49.92	32.50	9.28	8.08	2.7	2.746	102.0	1.8	0.5	0.4
798	1/22/2014 17:31:13	10.37	49.92	32.51	9.47	8.10	2.5	2.676	104.2	2.7	0.7	0.6
799	1/22/2014 17:46:13	10.34	49.84	32.45	9.46	8.10	3.9	2.594	103.9	2.1	0.6	0.5
800	1/22/2014 18:01:13	10.33	49.98	32.55	9.46	8.10	2.7	2.534	103.9	2.1	0.6	0.5
801	1/22/2014 18:16:13	10.29	49.83	32.43	9.47	8.10	8.3	2.444	103.9	2.1	0.6	0.5
802	1/22/2014 18:31:13	10.29	49.72	32.36	9.50	8.11	2.8	2.379	104.2	2.4	0.6	0.6
803	1/22/2014 18:46:13	10.25	49.69	32.34	9.47	8.11	2.8	2.314	103.8	2.2	0.6	0.5
804	1/22/2014 19:01:13	10.26	49.89	32.48	9.58	8.13	2.8	2.233	105.1	2.7	0.7	0.6
805	1/22/2014 19:16:12	10.12	49.72	32.35	9.61	8.12	2.6	2.168	104.9	2.0	0.5	0.5
806	1/22/2014 19:31:13	10.17	49.67	32.32	9.58	8.13	3.6	2.108	104.8	2.2	0.6	0.5
807	1/22/2014 19:46:13	10.07	49.88	32.46	9.44	8.13	3.0	2.018	103.1	2.0	0.5	0.5
808	1/22/2014 20:01:12	10.10	49.63	32.28	9.50	8.12	2.9	1.963	103.7	2.3	0.6	0.5
809	1/22/2014 20:16:13	10.07	49.86	32.45	9.56	8.13	2.8	1.905	104.4	2.7	0.7	0.6
810	1/22/2014 20:31:13	10.01	49.55	32.21	9.57	8.14	2.6	1.849	104.2	2.4	0.6	0.6
811	1/22/2014 20:46:13	10.04	49.81	32.41	9.64	8.14	2.1	1.805	105.1	2.2	0.6	0.5
812	1/22/2014 21:01:12	10.06	49.21	31.98	9.79	8.15	1.8	1.781	106.5	2.1	0.6	0.5
813	1/22/2014 21:16:13	10.11	49.68	32.32	9.89	8.16	1.8	1.763	107.9	2.0	0.5	0.5
814	1/22/2014 21:31:12	10.10	49.43	32.14	9.98	8.17	1.4	1.775	108.8	2.1	0.6	0.5
815	1/22/2014 21:46:13	10.12	49.70	32.33	10.15	8.17	1.5	1.789	110.8	1.8	0.5	0.4
816	1/22/2014 22:01:13	10.10	49.37	32.10	10.13	8.17	1.6	1.800	110.4	1.8	0.5	0.4
817	1/22/2014 22:16:13	10.12	49.72	32.35	9.97	8.16	1.8	1.834	108.9	2.3	0.6	0.5
818	1/22/2014 22:31:12	10.13	49.38	32.10	9.96	8.15	2.0	1.874	108.6	1.3	0.4	0.3
819	1/22/2014 22:46:13	10.11	49.56	32.23	9.83	8.14	2.3	1.941	107.3	2.3	0.6	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
820	1/22/2014 23:01:13	10.12	49.59	32.25	9.95	8.14	3.4	1.994	108.7	2.3	0.6	0.5
821	1/22/2014 23:16:13	10.11	49.36	32.09	9.94	8.14	3.0	2.041	108.4	2.0	0.5	0.5
822	1/22/2014 23:31:13	10.17	49.64	32.29	9.76	8.13	2.5	2.131	106.7	1.7	0.5	0.4
823	1/22/2014 23:46:13	10.17	49.76	32.38	9.66	8.12	2.7	2.192	105.6	1.8	0.5	0.4
824	1/23/2014 0:01:13	10.19	49.58	32.25	9.61	8.12	2.6	2.255	105.0	1.7	0.5	0.4
825	1/23/2014 0:16:13	10.22	49.64	32.29	9.58	8.11	2.6	2.340	104.8	2.0	0.5	0.5
826	1/23/2014 0:31:13	10.23	49.77	32.39	9.45	8.10	2.6	2.403	103.5	2.6	0.7	0.6
827	1/23/2014 0:46:13	10.20	49.72	32.36	9.40	8.09	3.0	2.469	102.9	2.2	0.6	0.5
828	1/23/2014 1:01:13	10.20	49.76	32.38	9.36	8.09	3.1	2.543	102.4	3.0	0.8	0.7
829	1/23/2014 1:16:13	10.19	49.82	32.42	9.33	8.09	3.6	2.616	102.1	2.3	0.6	0.5
830	1/23/2014 1:31:13	10.20	50.04	32.59	9.28	8.08	3.6	2.693	101.7	2.1	0.6	0.5
831	1/23/2014 1:46:13	10.19	49.79	32.40	9.26	8.08	4.3	2.766	101.3	2.1	0.6	0.5
832	1/23/2014 2:01:12	10.18	49.90	32.48	9.22	8.07	4.3	2.856	101.0	2.4	0.6	0.6
833	1/23/2014 2:16:13	10.18	50.13	32.65	9.17	8.06	5.2	2.918	100.5	2.4	0.6	0.6
834	1/23/2014 2:31:13	10.15	49.92	32.49	9.18	8.05	5.3	3.007	100.4	2.2	0.6	0.5
835	1/23/2014 2:46:12	10.11	49.73	32.35	9.16	8.05	6.2	3.091	100.0	2.7	0.7	0.6
836	1/23/2014 3:01:12	10.09	50.03	32.57	9.14	8.04	7.0	3.159	99.9	2.5	0.7	0.6
837	1/23/2014 3:16:13	10.07	50.45	32.87	9.16	8.04	5.8	3.227	100.3	2.1	0.6	0.5
838	1/23/2014 3:31:13	10.06	50.40	32.84	9.17	8.04	6.0	3.287	100.4	2.8	0.8	0.7
839	1/23/2014 3:46:13	10.06	50.31	32.77	9.20	8.04	4.8	3.347	100.6	2.2	0.6	0.5
840	1/23/2014 4:01:12	10.07	50.28	32.75	9.16	8.03	3.9	3.377	100.2	2.5	0.7	0.6
841	1/23/2014 4:16:13	10.00	50.48	32.89	9.04	8.04	3.4	3.407	98.8	2.8	0.8	0.7
842	1/23/2014 4:31:13	9.93	49.93	32.48	9.01	8.05	5.3	3.428	98.1	2.0	0.5	0.5
843	1/23/2014 4:46:13	10.02	50.11	32.62	9.04	8.04	4.4	3.419	98.6	1.6	0.4	0.4
844	1/23/2014 5:01:13	10.05	50.15	32.65	9.04	8.04	6.5	3.379	98.8	2.3	0.6	0.5
845	1/23/2014 5:16:12	10.05	50.18	32.68	9.07	8.03	4.0	3.368	99.1	1.9	0.5	0.5
846	1/23/2014 5:31:13	10.05	50.44	32.87	9.08	8.04	4.1	3.311	99.3	2.1	0.6	0.5
847	1/23/2014 5:46:13	10.00	50.26	32.73	9.05	8.04	5.0	3.229	98.9	2.5	0.7	0.6
848	1/23/2014 6:01:13	9.95	49.99	32.53	9.00	8.04	3.4	3.180	98.1	2.3	0.6	0.5
849	1/23/2014 6:16:13	9.98	50.30	32.75	8.98	8.04	3.3	3.107	98.1	2.0	0.5	0.5
850	1/23/2014 6:31:13	9.98	50.19	32.68	8.98	8.05	3.4	3.017	98.0	2.0	0.5	0.5
851	1/23/2014 6:46:13	9.93	50.16	32.65	8.98	8.05	3.3	2.928	97.9	2.2	0.6	0.5
852	1/23/2014 7:01:13	9.83	49.79	32.38	9.04	8.07	3.8	2.861	98.2	2.1	0.6	0.5
853	1/23/2014 7:16:13	9.87	49.98	32.51	9.02	8.06	4.3	2.783	98.1	2.3	0.6	0.5
854	1/23/2014 7:31:13	9.76	50.00	32.52	9.02	8.07	3.1	2.686	97.9	2.1	0.6	0.5
855	1/23/2014 7:46:13	9.86	50.17	32.65	9.02	8.06	3.5	2.601	98.1	2.2	0.6	0.5
856	1/23/2014 8:01:13	9.86	49.97	32.51	9.03	8.06	2.9	2.534	98.2	1.9	0.5	0.5
857	1/23/2014 8:16:12	9.84	49.81	32.40	9.04	8.06	2.8	2.438	98.2	1.7	0.5	0.4
858	1/23/2014 8:31:13	9.79	49.54	32.19	9.04	8.07	2.6	2.367	98.0	2.0	0.5	0.5
859	1/23/2014 8:46:13	9.79	49.88	32.44	9.10	8.07	2.4	2.295	98.7	1.9	0.5	0.5
860	1/23/2014 9:01:13	9.76	49.99	32.51	9.23	8.08	2.5	2.216	100.2	2.2	0.6	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
861	1/23/2014 9:16:13	9.76	49.92	32.47	9.32	8.09	2.4	2.143	101.1	2.2	0.6	0.5
862	1/23/2014 9:31:13	9.70	49.77	32.35	9.52	8.10	2.1	2.072	103.0	1.9	0.5	0.4
863	1/23/2014 9:46:13	9.74	50.01	32.53	9.60	8.11	2.2	2.014	104.1	2.0	0.5	0.5
864	1/23/2014 10:01:13	9.76	49.74	32.34	9.73	8.12	2.1	1.949	105.5	2.0	0.5	0.5
865	1/23/2014 10:16:12	9.80	49.69	32.30	9.75	8.13	2.0	1.911	105.7	2.0	0.5	0.5
866	1/23/2014 10:31:13	9.85	49.81	32.40	9.63	8.13	1.7	1.879	104.6	1.9	0.5	0.4
867	1/23/2014 10:46:13	9.87	49.89	32.45	9.53	8.10	1.5	1.848	103.6	2.0	0.5	0.5
868	1/23/2014 11:01:12	9.91	49.71	32.33	9.48	8.12	1.7	1.840	103.1	1.9	0.5	0.4
869	1/23/2014 11:16:13	9.89	49.73	32.34	9.60	8.12	1.7	1.858	104.4	2.0	0.5	0.5
870	1/23/2014 11:31:13	9.85	49.56	32.22	9.56	8.13	1.4	1.860	103.8	1.5	0.4	0.4
871	1/23/2014 11:46:13	9.86	49.79	32.38	9.50	8.13	1.5	1.899	103.2	1.5	0.4	0.3
872	1/23/2014 12:01:13	9.82	49.50	32.17	9.47	8.12	1.5	1.939	102.7	1.6	0.4	0.4
873	1/23/2014 12:16:13	9.93	49.63	32.27	9.44	8.12	1.7	1.991	102.7	2.0	0.5	0.5
874	1/23/2014 12:31:13	9.87	49.60	32.24	9.37	8.11	2.5	2.038	101.7	1.8	0.5	0.4
875	1/23/2014 12:46:13	9.81	49.59	32.23	9.35	8.10	3.2	2.109	101.3	1.9	0.5	0.5
876	1/23/2014 13:01:12	9.85	49.27	32.01	9.30	8.09	2.8	2.160	100.8	1.6	0.4	0.4
877	1/23/2014 13:16:13	9.95	49.58	32.24	9.25	8.09	2.5	2.183	100.6	2.3	0.6	0.5
878	1/23/2014 13:31:13	9.98	49.61	32.26	9.24	8.09	2.7	2.274	100.6	2.5	0.7	0.6
879	1/23/2014 13:46:13	9.96	49.88	32.45	9.20	8.08	2.3	2.318	100.2	1.7	0.5	0.4
880	1/23/2014 14:01:13	9.96	49.92	32.48	9.16	8.07	2.3	2.346	99.8	2.3	0.6	0.5
881	1/23/2014 14:16:13	9.98	49.97	32.52	9.10	8.07	2.4	2.404	99.2	1.8	0.5	0.4
882	1/23/2014 14:31:13	10.04	49.95	32.51	9.09	8.06	2.2	2.462	99.2	1.9	0.5	0.5
883	1/23/2014 14:46:13	10.07	49.96	32.52	9.08	8.06	2.3	2.491	99.2	2.3	0.6	0.5
884	1/23/2014 15:01:13	10.08	49.92	32.49	9.07	8.06	2.1	2.509	99.1	2.7	0.7	0.6
885	1/23/2014 15:16:13	10.09	50.16	32.66	9.07	8.06	2.2	2.578	99.2	2.1	0.6	0.5
886	1/23/2014 15:31:13	10.11	50.03	32.57	9.09	8.06	2.1	2.633	99.3	2.4	0.6	0.6
887	1/23/2014 15:46:13	10.14	49.99	32.54	9.11	8.07	2.0	2.692	99.7	1.5	0.4	0.4
888	1/23/2014 16:01:13	10.16	49.76	32.38	9.09	8.07	2.1	2.695	99.4	2.4	0.6	0.6
889	1/23/2014 16:16:13	10.17	50.02	32.57	9.04	8.06	2.1	2.713	99.0	2.0	0.5	0.5
890	1/23/2014 16:31:13	10.17	50.10	32.63	9.07	8.07	1.7	2.759	99.4	2.3	0.6	0.5
891	1/23/2014 16:46:13	10.16	49.89	32.47	8.94	8.05	1.6	2.777	97.8	1.6	0.4	0.4
892	1/23/2014 17:01:13	10.21	49.89	32.48	9.00	8.06	1.7	2.770	98.6	2.6	0.7	0.6
893	1/23/2014 17:16:12	10.17	50.02	32.57	8.97	8.05	2.1	2.757	98.2	1.8	0.5	0.4
894	1/23/2014 17:31:13	10.17	49.98	32.54	9.00	8.06	1.7	2.719	98.5	1.6	0.4	0.4
895	1/23/2014 17:46:13	10.15	50.01	32.56	9.04	8.07	2.3	2.684	98.9	2.3	0.6	0.5
896	1/23/2014 18:01:13	10.14	49.99	32.54	9.02	8.06	2.1	2.665	98.7	2.4	0.6	0.6
897	1/23/2014 18:16:13	10.17	49.96	32.52	9.15	8.08	2.3	2.648	100.1	2.4	0.6	0.6
898	1/23/2014 18:31:13	10.29	49.93	32.51	9.30	8.10	2.5	2.602	102.1	2.1	0.6	0.5
899	1/23/2014 18:46:13	10.23	49.87	32.46	9.22	8.09	2.5	2.575	101.0	2.2	0.6	0.5
900	1/23/2014 19:01:13	10.25	49.99	32.55	9.35	8.11	3.0	2.456	102.5	2.1	0.6	0.5
901	1/23/2014 19:16:13	10.17	49.94	32.51	9.25	8.10	2.9	2.430	101.2	2.1	0.6	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
902	1/23/2014 19:31:13	10.21	49.89	32.48	9.39	8.11	3.4	2.375	102.9	2.4	0.6	0.6
903	1/23/2014 19:46:13	10.13	49.94	32.51	9.37	8.10	3.0	2.316	102.5	2.0	0.5	0.5
904	1/23/2014 20:01:13	10.20	49.88	32.47	9.39	8.12	3.1	2.269	102.9	2.2	0.6	0.5
905	1/23/2014 20:16:13	10.27	49.87	32.47	9.54	8.13	3.2	2.186	104.6	2.4	0.6	0.6
906	1/23/2014 20:31:13	10.29	49.71	32.35	9.70	8.14	2.9	2.170	106.3	2.2	0.6	0.5
907	1/23/2014 20:46:13	10.30	49.56	32.25	9.72	8.15	2.7	2.062	106.5	2.5	0.7	0.6
908	1/23/2014 21:01:12	10.24	49.60	32.27	9.60	8.14	3.1	2.008	105.1	1.6	0.4	0.4
909	1/23/2014 21:16:13	10.12	49.79	32.39	9.44	8.12	2.1	2.029	103.2	2.2	0.6	0.5
910	1/23/2014 21:31:13	10.09	49.76	32.38	9.50	8.15	2.2	1.993	103.7	2.3	0.6	0.5
911	1/23/2014 21:46:13	10.02	49.71	32.33	9.43	8.12	2.2	1.963	102.7	2.4	0.6	0.6
912	1/23/2014 22:01:13	10.26	49.63	32.29	9.55	8.15	2.3	1.934	104.6	2.2	0.6	0.5
913	1/23/2014 22:16:13	10.17	49.80	32.41	9.64	8.15	2.5	1.955	105.5	2.1	0.6	0.5
914	1/23/2014 22:31:13	10.11	49.84	32.43	9.58	8.14	2.0	1.916	104.6	2.2	0.6	0.5
915	1/23/2014 22:46:12	10.15	49.53	32.21	9.59	8.13	2.4	2.004	104.7	2.3	0.6	0.5
916	1/23/2014 23:01:13	10.05	49.75	32.36	9.46	8.12	2.1	2.013	103.2	2.1	0.6	0.5
917	1/23/2014 23:16:13	10.02	49.68	32.31	9.43	8.11	2.5	2.061	102.7	2.2	0.6	0.5
918	1/23/2014 23:31:13	10.04	49.76	32.37	9.40	8.11	2.6	2.111	102.5	2.4	0.6	0.6
919	1/23/2014 23:46:12	10.00	49.70	32.32	9.53	8.11	3.4	2.173	103.8	1.8	0.5	0.4
920	1/24/2014 0:01:13	10.00	49.71	32.33	9.63	8.12	2.9	2.233	104.9	2.1	0.6	0.5
921	1/24/2014 0:16:13	10.09	49.79	32.39	9.43	8.11	2.6	2.278	102.9	2.4	0.6	0.6
922	1/24/2014 0:31:13	10.09	49.74	32.36	9.38	8.10	2.5	2.310	102.4	2.0	0.5	0.5
923	1/24/2014 0:46:13	10.10	49.80	32.41	9.34	8.10	2.4	2.377	102.0	2.2	0.6	0.5
924	1/24/2014 1:01:13	10.10	49.98	32.54	9.30	8.09	2.6	2.442	101.6	2.3	0.6	0.5
925	1/24/2014 1:16:13	10.12	49.89	32.47	9.24	8.09	2.3	2.521	101.0	2.2	0.6	0.5
926	1/24/2014 1:31:12	10.12	49.58	32.24	9.21	8.08	2.4	2.592	100.5	2.1	0.6	0.5
927	1/24/2014 1:46:12	10.13	49.73	32.36	9.16	8.07	2.7	2.623	100.1	2.3	0.6	0.5
928	1/24/2014 2:01:13	10.13	50.02	32.56	9.13	8.07	3.1	2.719	99.9	2.2	0.6	0.5
929	1/24/2014 2:16:13	10.10	49.97	32.52	9.08	8.06	3.4	2.762	99.3	2.5	0.7	0.6
930	1/24/2014 2:31:13	10.09	50.03	32.57	9.04	8.06	4.0	2.839	98.8	2.5	0.7	0.6
931	1/24/2014 2:46:13	10.09	50.27	32.74	9.03	8.05	4.2	2.968	98.8	2.3	0.6	0.5
932	1/24/2014 3:01:13	10.08	50.11	32.62	9.03	8.05	4.0	2.998	98.7	2.3	0.6	0.5
933	1/24/2014 3:16:13	10.09	50.17	32.67	9.04	8.05	4.3	3.081	98.8	2.5	0.7	0.6
934	1/24/2014 3:31:13	10.08	50.17	32.67	9.02	8.05	4.9	3.141	98.7	2.5	0.7	0.6
935	1/24/2014 3:46:13	10.07	50.23	32.71	8.98	8.04	4.9	3.213	98.1	2.5	0.7	0.6
936	1/24/2014 4:01:13	10.05	50.29	32.76	8.95	8.04	4.8	3.287	97.9	2.3	0.6	0.5
937	1/24/2014 4:16:13	10.04	50.34	32.79	8.95	8.04	4.2	3.367	97.8	2.7	0.7	0.6
938	1/24/2014 4:31:13	10.01	50.30	32.76	8.95	8.03	4.7	3.394	97.7	3.2	0.9	0.7
939	1/24/2014 4:46:13	9.98	50.37	32.81	8.95	8.03	4.0	3.430	97.7	2.1	0.6	0.5
940	1/24/2014 5:01:12	9.97	50.38	32.81	8.96	8.03	3.9	3.459	97.8	2.5	0.7	0.6
941	1/24/2014 5:16:12	9.93	50.28	32.74	8.87	8.03	3.4	3.461	96.7	2.3	0.6	0.5
942	1/24/2014 5:31:13	9.94	50.24	32.71	8.80	8.04	3.5	3.438	95.9	2.1	0.6	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
943	1/24/2014 5:46:13	9.97	50.40	32.82	8.86	8.03	3.7	3.468	96.8	2.5	0.7	0.6
944	1/24/2014 6:01:13	9.97	50.41	32.84	8.85	8.03	4.3	3.424	96.6	2.5	0.7	0.6
945	1/24/2014 6:16:13	9.97	50.35	32.79	8.85	8.03	4.4	3.370	96.6	2.6	0.7	0.6
946	1/24/2014 6:31:13	9.98	50.30	32.76	8.85	8.03	5.4	3.343	96.6	2.8	0.8	0.7
947	1/24/2014 6:46:13	9.98	50.17	32.67	8.85	8.04	4.0	3.280	96.5	2.1	0.6	0.5
948	1/24/2014 7:01:13	9.97	50.14	32.64	8.80	8.03	2.9	3.201	96.0	2.4	0.6	0.6
949	1/24/2014 7:16:13	9.98	50.06	32.58	8.80	8.03	3.2	3.137	96.0	2.3	0.6	0.5
950	1/24/2014 7:31:13	9.96	50.02	32.55	8.79	8.04	3.0	3.049	95.8	2.1	0.6	0.5
951	1/24/2014 7:46:13	9.89	49.90	32.46	8.81	8.05	3.7	2.986	95.8	1.5	0.4	0.4
952	1/24/2014 8:01:13	9.86	49.86	32.43	8.87	8.05	3.7	2.900	96.4	2.3	0.6	0.5
953	1/24/2014 8:16:13	9.86	50.10	32.60	8.86	8.05	3.5	2.791	96.4	2.1	0.6	0.5
954	1/24/2014 8:31:13	9.87	49.93	32.48	8.87	8.05	3.6	2.722	96.4	2.1	0.6	0.5
955	1/24/2014 8:46:13	9.87	50.13	32.63	8.86	8.05	3.2	2.632	96.4	2.2	0.6	0.5
956	1/24/2014 9:01:13	9.77	50.05	32.56	8.88	8.06	2.9	2.535	96.4	2.5	0.7	0.6
957	1/24/2014 9:16:13	9.90	50.06	32.57	8.91	8.06	3.0	2.445	97.0	2.0	0.5	0.5
958	1/24/2014 9:31:13	9.96	50.06	32.58	8.98	8.06	3.2	2.379	97.8	1.8	0.5	0.4
959	1/24/2014 9:46:13	9.96	50.05	32.57	9.09	8.07	3.7	2.275	99.1	2.0	0.5	0.5
960	1/24/2014 10:01:13	9.99	50.11	32.62	9.13	8.08	2.9	2.200	99.6	1.9	0.5	0.4
961	1/24/2014 10:16:13	10.00	50.09	32.61	9.18	8.08	2.3	2.140	100.2	2.1	0.6	0.5
962	1/24/2014 10:31:13	10.05	50.06	32.58	9.37	8.09	2.5	2.018	102.3	1.8	0.5	0.4
963	1/24/2014 10:46:13	10.09	49.96	32.52	9.42	8.10	2.1	1.979	103.0	2.0	0.5	0.5
964	1/24/2014 11:01:13	10.16	49.79	32.40	9.63	8.12	2.3	1.926	105.4	1.7	0.5	0.4
965	1/24/2014 11:16:13	10.08	49.81	32.41	9.48	8.12	1.8	1.874	103.4	1.6	0.4	0.4
966	1/24/2014 11:31:12	10.32	49.55	32.24	9.77	8.14	1.8	1.808	107.1	1.6	0.4	0.4
967	1/24/2014 11:46:13	10.14	49.80	32.41	9.51	8.13	1.6	1.751	103.9	1.5	0.4	0.3
968	1/24/2014 12:01:12	10.25	49.80	32.41	9.62	8.13	1.7	1.747	105.4	1.8	0.5	0.4
969	1/24/2014 12:16:12	10.32	49.61	32.28	9.82	8.13	2.3	1.742	107.7	1.8	0.5	0.4
970	1/24/2014 12:31:12	10.24	49.55	32.23	9.77	8.14	1.6	1.738	106.9	1.7	0.5	0.4
971	1/24/2014 12:46:13	10.22	49.66	32.31	9.69	8.15	1.6	1.749	106.0	1.6	0.4	0.4
972	1/24/2014 13:01:13	10.15	49.68	32.32	9.66	8.15	2.0	1.839	105.5	2.3	0.6	0.5
973	1/24/2014 13:16:13	10.09	49.62	32.27	9.67	8.15	1.7	1.862	105.5	1.8	0.5	0.4
974	1/24/2014 13:31:13	10.13	49.71	32.34	9.55	8.14	2.0	1.917	104.4	2.3	0.6	0.5
975	1/24/2014 13:46:13	10.02	49.55	32.22	9.54	8.13	3.2	1.977	103.9	2.1	0.6	0.5
976	1/24/2014 14:01:13	9.94	49.74	32.35	9.44	8.11	2.8	2.012	102.6	1.9	0.5	0.4
977	1/24/2014 14:16:13	9.98	49.75	32.36	9.31	8.11	2.3	2.064	101.4	2.2	0.6	0.5
978	1/24/2014 14:31:13	10.06	49.88	32.46	9.27	8.10	2.5	2.145	101.2	2.1	0.6	0.5
979	1/24/2014 14:46:13	10.10	49.76	32.37	9.23	8.10	2.5	2.212	100.8	2.6	0.7	0.6
980	1/24/2014 15:01:13	10.06	49.77	32.38	9.20	8.09	2.1	2.227	100.3	2.0	0.5	0.5
981	1/24/2014 15:16:13	10.02	49.93	32.49	9.15	8.08	2.1	2.302	99.8	1.7	0.5	0.4
982	1/24/2014 15:31:13	10.02	49.63	32.28	9.12	8.08	2.3	2.339	99.4	2.0	0.5	0.5
983	1/24/2014 15:46:13	10.04	49.89	32.47	9.05	8.07	2.0	2.404	98.7	2.2	0.6	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
984	1/24/2014 16:01:13	10.06	49.96	32.52	9.02	8.07	2.1	2.428	98.5	2.3	0.6	0.5
985	1/24/2014 16:16:13	10.06	49.97	32.52	8.98	8.06	2.0	2.475	98.1	1.9	0.5	0.4
986	1/24/2014 16:31:13	10.06	50.01	32.56	8.95	8.06	2.1	2.516	97.7	1.8	0.5	0.4
987	1/24/2014 16:46:12	10.06	50.04	32.57	8.92	8.05	2.3	2.544	97.5	2.2	0.6	0.5
988	1/24/2014 17:01:13	10.06	49.95	32.51	8.94	8.06	2.1	2.624	97.6	2.1	0.6	0.5
989	1/24/2014 17:16:12	10.07	49.95	32.51	8.94	8.05	2.1	2.653	97.6	2.4	0.6	0.6
990	1/24/2014 17:31:13	10.09	50.09	32.61	8.94	8.05	2.3	2.671	97.7	2.5	0.7	0.6
991	1/24/2014 17:46:13	10.10	49.94	32.50	8.93	8.06	2.3	2.708	97.6	2.0	0.5	0.5
992	1/24/2014 18:01:13	10.14	49.99	32.54	8.91	8.06	2.5	2.712	97.5	2.4	0.6	0.6
993	1/24/2014 18:16:13	10.13	49.83	32.43	8.88	8.06	1.8	2.742	97.0	2.9	0.8	0.7
994	1/24/2014 18:31:13	10.14	49.96	32.52	8.81	8.06	2.3	2.744	96.4	2.3	0.6	0.5
995	1/24/2014 18:46:13	10.08	49.77	32.38	8.81	8.06	2.2	2.749	96.2	2.1	0.6	0.5
996	1/24/2014 19:01:13	10.10	49.89	32.47	8.80	8.05	2.3	2.734	96.1	2.1	0.6	0.5
997	1/24/2014 19:16:13	10.09	49.98	32.53	8.77	8.05	2.6	2.695	95.8	2.2	0.6	0.5
998	1/24/2014 19:31:12	10.09	49.95	32.51	8.80	8.05	2.5	2.661	96.1	2.5	0.7	0.6
999	1/24/2014 19:46:12	10.17	49.75	32.37	8.95	8.07	3.4	2.618	97.9	2.2	0.6	0.5
1000	1/24/2014 20:01:13	10.25	49.94	32.52	8.99	8.08	2.8	2.584	98.6	2.7	0.7	0.6
1001	1/24/2014 20:16:13	10.21	50.07	32.61	9.01	8.07	2.9	2.544	98.8	2.5	0.7	0.6
1002	1/24/2014 20:31:13	10.23	49.86	32.45	8.98	8.08	4.4	2.478	98.4	2.5	0.7	0.6
1003	1/24/2014 20:46:13	10.23	49.62	32.28	8.91	8.08	3.6	2.438	97.6	2.5	0.7	0.6
1004	1/24/2014 21:01:13	10.21	49.85	32.45	8.80	8.07	3.4	2.392	96.4	2.4	0.6	0.6
1005	1/24/2014 21:16:12	10.20	49.64	32.29	8.79	8.06	3.4	2.332	96.1	2.3	0.6	0.5
1006	1/24/2014 21:31:12	10.25	49.61	32.28	8.90	8.08	3.1	2.283	97.5	1.8	0.5	0.4
1007	1/24/2014 21:46:13	10.26	49.76	32.39	8.96	8.09	2.9	2.251	98.2	2.5	0.7	0.6
1008	1/24/2014 22:01:13	10.28	49.87	32.46	9.09	8.10	2.7	2.218	99.7	2.7	0.7	0.6
1009	1/24/2014 22:16:13	10.30	49.73	32.37	9.15	8.10	2.9	2.181	100.4	2.0	0.5	0.5
1010	1/24/2014 22:31:12	10.25	49.85	32.45	9.07	8.09	2.2	2.191	99.4	2.4	0.6	0.6
1011	1/24/2014 22:46:12	10.27	49.56	32.24	8.99	8.09	2.6	2.163	98.4	2.0	0.5	0.5
1012	1/24/2014 23:01:12	10.26	49.82	32.43	8.97	8.09	1.8	2.132	98.3	2.5	0.7	0.6
1013	1/24/2014 23:16:13	10.23	49.72	32.35	9.04	8.09	2.8	2.149	99.0	2.4	0.6	0.6
1014	1/24/2014 23:31:13	10.13	49.68	32.32	9.18	8.11	2.2	2.177	100.3	2.1	0.6	0.5
1015	1/24/2014 23:46:13	10.15	49.74	32.36	9.16	8.10	2.1	2.173	100.1	2.3	0.6	0.5
1016	1/25/2014 0:01:13	10.11	49.76	32.38	9.19	8.10	2.1	2.208	100.4	2.2	0.6	0.5
1017	1/25/2014 0:16:13	10.11	49.71	32.34	9.16	8.10	2.0	2.244	100.0	1.8	0.5	0.4
1018	1/25/2014 0:31:13	10.10	49.76	32.38	9.11	8.09	2.3	2.305	99.5	2.5	0.7	0.6
1019	1/25/2014 0:46:13	10.02	49.51	32.19	9.24	8.10	2.9	2.339	100.7	1.9	0.5	0.5
1020	1/25/2014 1:01:13	10.00	49.53	32.20	9.24	8.11	2.6	2.378	100.6	2.0	0.5	0.5
1021	1/25/2014 1:16:13	10.07	49.73	32.35	9.13	8.09	2.5	2.441	99.6	2.0	0.5	0.5
1022	1/25/2014 1:31:13	10.09	49.79	32.40	9.08	8.09	2.5	2.493	99.2	2.2	0.6	0.5
1023	1/25/2014 1:46:13	10.11	49.86	32.45	9.05	8.08	3.0	2.538	98.9	2.3	0.6	0.5
1024	1/25/2014 2:01:13	10.12	49.91	32.48	9.00	8.08	2.5	2.597	98.3	1.8	0.5	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
1025	1/25/2014 2:16:13	10.14	50.01	32.55	8.93	8.07	2.5	2.668	97.7	2.3	0.6	0.5
1026	1/25/2014 2:31:13	10.10	49.97	32.52	8.87	8.06	2.8	2.730	96.9	2.1	0.6	0.5
1027	1/25/2014 2:46:13	10.07	50.04	32.58	8.84	8.05	2.8	2.794	96.6	3.0	0.8	0.7
1028	1/25/2014 3:01:12	10.07	50.08	32.60	8.84	8.05	3.1	2.868	96.6	2.1	0.6	0.5
1029	1/25/2014 3:16:13	10.06	50.12	32.63	8.83	8.05	3.4	2.942	96.5	2.3	0.6	0.5
1030	1/25/2014 3:31:13	10.06	50.17	32.67	8.82	8.04	3.7	3.011	96.4	2.1	0.6	0.5
1031	1/25/2014 3:46:13	10.06	50.24	32.72	8.83	8.04	3.6	3.084	96.6	2.5	0.7	0.6
1032	1/25/2014 4:01:13	10.07	50.13	32.64	8.85	8.04	3.6	3.164	96.7	2.5	0.7	0.6
1033	1/25/2014 4:16:13	10.08	50.16	32.66	8.84	8.03	3.8	3.236	96.7	2.0	0.5	0.5
1034	1/25/2014 4:31:13	10.09	50.27	32.74	8.89	8.03	4.5	3.307	97.3	2.0	0.5	0.5
1035	1/25/2014 4:46:13	10.09	50.30	32.76	8.93	8.03	5.1	3.374	97.7	2.1	0.6	0.5
1036	1/25/2014 5:01:13	10.08	50.18	32.68	8.98	8.02	5.0	3.426	98.2	2.6	0.7	0.6
1037	1/25/2014 5:16:13	10.07	50.28	32.75	9.01	8.02	4.7	3.492	98.6	2.5	0.7	0.6
1038	1/25/2014 5:31:13	10.05	50.39	32.82	9.05	8.02	5.4	3.519	99.0	2.6	0.7	0.6
1039	1/25/2014 5:46:13	10.05	50.51	32.91	9.03	8.02	4.4	3.565	98.8	2.5	0.7	0.6
1040	1/25/2014 6:01:13	9.99	50.24	32.71	8.93	8.02	4.0	3.579	97.5	2.5	0.7	0.6
1041	1/25/2014 6:16:13	9.91	50.17	32.65	8.74	8.03	4.4	3.593	95.2	2.4	0.6	0.6
1042	1/25/2014 6:31:13	9.98	50.32	32.77	8.84	8.01	3.8	3.603	96.5	1.6	0.4	0.4
1043	1/25/2014 6:46:13	9.99	50.26	32.73	8.87	8.01	4.2	3.572	96.8	1.9	0.5	0.5
1044	1/25/2014 7:01:13	10.00	50.42	32.84	8.90	8.02	6.5	3.518	97.3	2.3	0.6	0.5
1045	1/25/2014 7:16:13	9.95	50.37	32.80	8.88	8.02	4.7	3.468	96.9	1.8	0.5	0.4
1046	1/25/2014 7:31:13	9.98	50.34	32.79	8.66	8.02	3.5	3.401	94.6	1.6	0.4	0.4
1047	1/25/2014 7:46:13	9.97	50.28	32.74	8.76	8.02	3.4	3.334	95.6	1.7	0.5	0.4
1048	1/25/2014 8:01:13	9.94	50.11	32.62	8.63	8.02	3.4	3.248	94.1	2.1	0.6	0.5
1049	1/25/2014 8:16:13	9.87	50.01	32.54	8.64	8.03	3.4	3.182	94.0	2.4	0.6	0.6
1050	1/25/2014 8:31:13	9.88	49.97	32.51	8.80	8.04	3.6	3.094	95.8	1.7	0.5	0.4
1051	1/25/2014 8:46:12	9.84	50.20	32.67	8.78	8.04	4.3	2.997	95.5	2.3	0.6	0.5
1052	1/25/2014 9:01:13	9.80	50.15	32.64	8.81	8.05	3.6	2.908	95.7	2.2	0.6	0.5
1053	1/25/2014 9:16:12	9.80	49.98	32.51	8.86	8.05	3.2	2.812	96.2	2.2	0.6	0.5
1054	1/25/2014 9:31:13	9.81	49.93	32.47	8.89	8.06	2.9	2.725	96.5	2.1	0.6	0.5
1055	1/25/2014 9:46:13	9.88	49.93	32.48	8.93	8.06	3.1	2.631	97.1	2.4	0.6	0.6
1056	1/25/2014 10:01:13	9.96	50.19	32.67	9.00	8.05	3.0	2.518	98.1	1.9	0.5	0.5
1057	1/25/2014 10:16:12	10.04	49.71	32.33	9.09	8.06	2.9	2.435	99.1	2.3	0.6	0.5
1058	1/25/2014 10:31:13	10.13	50.16	32.66	9.25	8.08	2.6	2.345	101.2	2.2	0.6	0.5
1059	1/25/2014 10:46:13	10.17	49.68	32.32	9.49	8.09	2.6	2.245	103.8	2.3	0.6	0.5
1060	1/25/2014 11:01:13	10.25	50.16	32.67	9.64	8.10	2.8	2.143	105.8	2.0	0.5	0.5
1061	1/25/2014 11:16:13	10.25	49.92	32.50	9.63	8.11	2.3	2.053	105.6	2.0	0.5	0.5
1062	1/25/2014 11:31:13	10.36	49.97	32.55	9.57	8.13	2.9	1.948	105.2	2.1	0.6	0.5
1063	1/25/2014 11:46:13	10.27	49.73	32.37	9.75	8.13	2.1	1.863	106.9	1.9	0.5	0.4
1064	1/25/2014 12:01:13	10.39	49.60	32.27	9.76	8.14	2.2	1.775	107.2	2.0	0.5	0.5
1065	1/25/2014 12:16:12	10.39	49.76	32.39	9.77	8.14	1.8	1.712	107.4	2.4	0.6	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
1066	1/25/2014 12:31:12	10.36	49.60	32.27	9.66	8.14	1.7	1.657	106.0	2.3	0.6	0.5
1067	1/25/2014 12:46:13	10.41	49.75	32.39	9.59	8.14	1.2	1.620	105.4	2.4	0.6	0.6
1068	1/25/2014 13:01:13	10.84	49.91	32.53	10.13	8.15	2.3	1.592	112.5	2.0	0.5	0.5
1069	1/25/2014 13:16:12	10.57	49.83	32.46	9.86	8.14	2.0	1.570	108.9	1.6	0.4	0.4
1070	1/25/2014 13:31:13	10.48	49.56	32.25	9.80	8.15	1.7	1.613	107.8	1.6	0.4	0.4
1071	1/25/2014 13:46:12	10.43	49.68	32.34	9.70	8.14	2.1	1.645	106.7	2.0	0.5	0.5
1072	1/25/2014 14:01:13	10.44	49.63	32.30	9.73	8.16	1.8	1.665	106.9	1.9	0.5	0.4
1073	1/25/2014 14:16:12	10.45	49.72	32.37	9.69	8.15	1.8	1.718	106.6	1.7	0.5	0.4
1074	1/25/2014 14:31:13	10.38	49.80	32.42	9.71	8.16	1.8	1.790	106.7	2.4	0.6	0.6
1075	1/25/2014 14:46:13	10.29	49.51	32.21	9.68	8.16	3.1	1.848	106.0	2.7	0.7	0.6
1076	1/25/2014 15:01:13	10.29	49.30	32.05	9.62	8.15	3.1	1.897	105.3	1.9	0.5	0.5
1077	1/25/2014 15:16:13	10.24	49.54	32.22	9.52	8.14	3.2	1.968	104.2	2.1	0.6	0.5
1078	1/25/2014 15:31:12	10.22	49.31	32.06	9.45	8.13	2.9	2.021	103.2	2.5	0.7	0.6
1079	1/25/2014 15:46:12	10.23	49.49	32.19	9.40	8.12	2.8	2.074	102.7	2.4	0.6	0.6
1080	1/25/2014 16:01:12	10.18	49.64	32.29	9.32	8.11	2.3	2.132	101.9	2.1	0.6	0.5
1081	1/25/2014 16:16:12	10.13	49.65	32.30	9.26	8.11	2.3	2.182	101.1	2.7	0.7	0.6
1082	1/25/2014 16:31:13	10.12	49.72	32.34	9.16	8.10	2.5	2.247	100.1	1.5	0.4	0.4
1083	1/25/2014 16:46:13	10.14	49.80	32.40	9.06	8.08	2.6	2.308	99.0	2.1	0.6	0.5
1084	1/25/2014 17:01:13	10.13	49.84	32.43	8.98	8.07	2.5	2.359	98.2	2.1	0.6	0.5
1085	1/25/2014 17:16:13	10.11	49.89	32.47	8.94	8.06	2.5	2.422	97.7	2.2	0.6	0.5
1086	1/25/2014 17:31:13	10.11	49.91	32.48	8.93	8.06	2.4	2.481	97.5	2.3	0.6	0.5
1087	1/25/2014 17:46:13	10.12	49.92	32.49	8.92	8.06	2.7	2.534	97.5	2.7	0.7	0.6
1088	1/25/2014 18:01:13	10.12	49.99	32.54	8.90	8.06	2.6	2.596	97.3	2.6	0.7	0.6
1089	1/25/2014 18:16:13	10.12	49.96	32.52	8.87	8.06	2.6	2.635	97.0	2.7	0.7	0.6
1090	1/25/2014 18:31:13	10.12	50.02	32.57	8.87	8.06	2.6	2.681	97.0	2.6	0.7	0.6
1091	1/25/2014 18:46:12	10.11	50.03	32.57	8.84	8.05	2.6	2.728	96.7	2.6	0.7	0.6
1092	1/25/2014 19:01:13	10.12	50.05	32.59	8.80	8.05	2.0	2.753	96.2	2.7	0.7	0.6
1093	1/25/2014 19:16:13	10.11	49.99	32.54	8.78	8.05	2.3	2.796	96.0	2.1	0.6	0.5
1094	1/25/2014 19:31:13	10.11	50.01	32.56	8.71	8.04	1.8	2.814	95.2	2.7	0.7	0.6
1095	1/25/2014 19:46:13	10.06	49.96	32.52	8.73	8.06	2.3	2.809	95.4	2.2	0.6	0.5
1096	1/25/2014 20:01:13	10.06	49.96	32.51	8.69	8.04	2.2	2.812	94.9	2.2	0.6	0.5
1097	1/25/2014 20:16:13	10.09	50.00	32.55	8.69	8.04	2.3	2.796	95.0	2.5	0.7	0.6
1098	1/25/2014 20:31:13	10.04	50.02	32.56	8.68	8.05	2.9	2.778	94.8	2.6	0.7	0.6
1099	1/25/2014 20:46:13	10.05	49.94	32.50	8.68	8.04	2.6	2.755	94.7	2.4	0.6	0.6
1100	1/25/2014 21:01:13	10.08	49.91	32.48	8.70	8.05	2.4	2.717	95.1	2.7	0.7	0.6
1101	1/25/2014 21:16:13	10.14	49.85	32.44	8.92	8.09	4.2	2.670	97.6	2.4	0.6	0.6
1102	1/25/2014 21:31:13	10.14	49.85	32.44	8.79	8.07	3.3	2.622	96.1	2.2	0.6	0.5
1103	1/25/2014 21:46:13	10.02	49.90	32.47	8.71	8.06	4.2	2.570	95.0	2.5	0.7	0.6
1104	1/25/2014 22:01:13	10.02	49.94	32.50	8.70	8.06	3.7	2.520	94.9	2.7	0.7	0.6
1105	1/25/2014 22:16:13	10.04	49.88	32.46	8.70	8.06	3.2	2.462	94.9	2.2	0.6	0.5
1106	1/25/2014 22:31:13	9.98	49.89	32.46	8.67	8.05	3.7	2.436	94.4	2.8	0.8	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
1107	1/25/2014 22:46:13	9.97	49.79	32.39	8.67	8.06	3.4	2.387	94.4	2.5	0.7	0.6
1108	1/25/2014 23:01:13	9.99	50.04	32.57	8.72	8.07	3.2	2.341	95.2	2.2	0.6	0.5
1109	1/25/2014 23:16:13	9.96	49.82	32.41	8.69	8.06	3.0	2.315	94.6	2.6	0.7	0.6
1110	1/25/2014 23:31:13	10.00	49.93	32.49	8.80	8.08	2.9	2.282	95.9	2.3	0.6	0.5
1111	1/25/2014 23:46:13	10.06	49.89	32.46	8.84	8.08	2.5	2.259	96.5	2.3	0.6	0.5
1112	1/26/2014 0:01:13	10.07	49.82	32.42	8.82	8.05	2.0	2.232	96.3	2.1	0.6	0.5
1113	1/26/2014 0:16:13	10.03	49.77	32.37	8.91	8.09	2.3	2.250	97.2	2.6	0.7	0.6
1114	1/26/2014 0:31:13	9.98	49.93	32.49	8.92	8.09	2.5	2.259	97.2	2.4	0.6	0.6
1115	1/26/2014 0:46:13	10.00	49.66	32.29	8.98	8.09	2.1	2.272	97.8	2.5	0.7	0.6
1116	1/26/2014 1:01:13	9.99	49.87	32.45	8.92	8.08	2.2	2.289	97.2	2.1	0.6	0.5
1117	1/26/2014 1:16:13	9.98	49.90	32.47	8.93	8.08	2.1	2.326	97.3	2.3	0.6	0.5
1118	1/26/2014 1:31:13	10.01	49.86	32.44	8.92	8.07	2.5	2.376	97.3	2.6	0.7	0.6
1119	1/26/2014 1:46:13	9.94	49.85	32.43	8.93	8.08	3.2	2.417	97.2	2.1	0.6	0.5
1120	1/26/2014 2:01:13	9.98	49.82	32.41	8.91	8.07	2.8	2.477	97.1	2.2	0.6	0.5
1121	1/26/2014 2:16:13	9.98	49.97	32.52	8.87	8.07	2.9	2.527	96.7	1.6	0.4	0.4
1122	1/26/2014 2:31:13	9.98	49.80	32.39	8.84	8.07	2.5	2.587	96.3	2.3	0.6	0.5
1123	1/26/2014 2:46:13	10.00	49.94	32.50	8.81	8.06	2.8	2.645	96.1	2.0	0.5	0.5
1124	1/26/2014 3:01:13	10.00	50.06	32.58	8.80	8.06	2.6	2.705	96.0	2.2	0.6	0.5
1125	1/26/2014 3:16:13	10.01	49.81	32.40	8.77	8.05	2.8	2.770	95.6	2.5	0.7	0.6
1126	1/26/2014 3:31:12	10.02	49.94	32.50	8.74	8.04	2.8	2.835	95.3	2.7	0.7	0.6
1127	1/26/2014 3:46:13	10.05	50.15	32.65	8.75	8.03	2.8	2.905	95.6	3.0	0.8	0.7
1128	1/26/2014 4:01:13	10.08	50.15	32.65	8.76	8.03	3.3	2.979	95.8	2.4	0.6	0.6
1129	1/26/2014 4:16:12	10.09	50.19	32.69	8.79	8.02	3.7	3.063	96.2	2.6	0.7	0.6
1130	1/26/2014 4:31:12	10.10	50.21	32.70	8.82	8.02	4.7	3.138	96.6	2.4	0.6	0.6
1131	1/26/2014 4:46:13	10.11	50.25	32.73	8.85	8.02	4.2	3.209	96.9	2.3	0.6	0.5
1132	1/26/2014 5:01:13	10.12	50.32	32.78	8.89	8.02	4.7	3.297	97.4	2.6	0.7	0.6
1133	1/26/2014 5:16:13	10.12	50.34	32.80	8.94	8.02	5.6	3.368	98.0	2.3	0.6	0.5
1134	1/26/2014 5:31:12	10.10	50.41	32.85	8.97	8.02	5.9	3.439	98.3	2.5	0.7	0.6
1135	1/26/2014 5:46:13	10.09	50.45	32.87	9.00	8.02	6.2	3.496	98.5	2.4	0.6	0.6
1136	1/26/2014 6:01:13	10.08	50.47	32.89	9.05	8.02	5.7	3.565	99.1	1.9	0.5	0.4
1137	1/26/2014 6:16:13	10.08	50.49	32.90	9.05	8.02	5.3	3.607	99.1	2.5	0.7	0.6
1138	1/26/2014 6:31:13	10.05	50.46	32.88	9.03	8.02	3.9	3.641	98.8	2.3	0.6	0.5
1139	1/26/2014 6:46:13	10.05	50.55	32.94	8.90	8.02	3.6	3.677	97.4	2.5	0.7	0.6
1140	1/26/2014 7:01:13	10.02	50.29	32.75	8.89	8.01	3.4	3.699	97.1	2.5	0.7	0.6
1141	1/26/2014 7:16:13	9.98	50.49	32.89	8.77	8.02	4.0	3.698	95.9	2.5	0.7	0.6
1142	1/26/2014 7:31:13	10.01	50.19	32.68	8.81	8.01	3.5	3.688	96.2	1.8	0.5	0.4
1143	1/26/2014 7:46:13	10.03	50.44	32.86	8.81	8.01	4.1	3.666	96.3	1.9	0.5	0.5
1144	1/26/2014 8:01:13	10.02	50.34	32.79	8.87	8.02	4.6	3.612	97.0	2.2	0.6	0.5
1145	1/26/2014 8:16:13	10.02	50.43	32.85	8.83	8.02	4.3	3.549	96.5	1.7	0.5	0.4
1146	1/26/2014 8:31:13	10.08	50.16	32.66	8.89	8.01	4.5	3.477	97.3	1.8	0.5	0.4
1147	1/26/2014 8:46:13	10.02	50.12	32.63	8.77	8.01	3.7	3.398	95.7	2.1	0.6	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
1148	1/26/2014 9:01:13	9.89	50.25	32.72	8.62	8.01	3.2	3.300	93.9	2.3	0.6	0.5
1149	1/26/2014 9:16:13	9.88	50.25	32.71	8.71	8.02	4.1	3.209	94.9	1.8	0.5	0.4
1150	1/26/2014 9:31:13	9.93	50.19	32.68	8.77	8.02	4.1	3.106	95.6	2.3	0.6	0.5
1151	1/26/2014 9:46:13	9.96	50.09	32.60	8.85	8.03	4.2	3.013	96.5	2.2	0.6	0.5
1152	1/26/2014 10:01:13	9.84	50.22	32.69	8.77	8.03	3.9	2.905	95.4	2.1	0.6	0.5
1153	1/26/2014 10:16:13	10.02	50.11	32.62	8.86	8.03	4.0	2.792	96.7	2.2	0.6	0.5
1154	1/26/2014 10:31:13	9.99	50.17	32.66	8.89	8.04	3.7	2.698	97.0	2.5	0.7	0.6
1155	1/26/2014 10:46:13	10.05	50.14	32.65	8.94	8.04	3.1	2.596	97.7	2.3	0.6	0.5
1156	1/26/2014 11:01:13	10.11	50.20	32.69	9.05	8.05	3.2	2.475	99.0	1.9	0.5	0.4
1157	1/26/2014 11:16:13	10.16	50.17	32.68	9.11	8.05	3.1	2.369	99.8	2.2	0.6	0.5
1158	1/26/2014 11:31:13	10.17	49.88	32.47	9.10	8.06	3.2	2.263	99.6	2.4	0.6	0.6
1159	1/26/2014 11:46:13	10.25	50.11	32.64	9.41	8.07	2.8	2.136	103.3	2.3	0.6	0.5
1160	1/26/2014 12:01:12	10.30	49.98	32.55	9.46	8.09	2.8	2.013	103.9	2.2	0.6	0.5
1161	1/26/2014 12:16:12	10.23	49.80	32.41	9.27	8.09	2.8	1.904	101.5	1.9	0.5	0.5
1162	1/26/2014 12:31:13	10.35	49.82	32.43	9.37	8.10	2.8	1.779	102.9	2.3	0.6	0.6
1163	1/26/2014 12:46:13	10.29	49.77	32.39	9.37	8.11	2.3	1.682	102.8	2.1	0.6	0.5
1164	1/26/2014 13:01:13	10.36	49.65	32.31	9.39	8.11	2.5	1.592	103.1	2.1	0.6	0.5
1165	1/26/2014 13:16:13	10.43	49.92	32.51	9.55	8.12	2.3	1.492	105.1	2.5	0.7	0.6
1166	1/26/2014 13:31:12	10.39	49.74	32.38	9.41	8.11	1.9	1.443	103.4	2.2	0.6	0.5
1167	1/26/2014 13:46:13	10.47	49.90	32.50	9.44	8.11	2.0	1.388	104.0	2.2	0.6	0.5
1168	1/26/2014 14:01:13	10.70	49.58	32.28	9.56	8.12	2.0	1.363	105.7	2.0	0.5	0.5
1169	1/26/2014 14:16:13	10.82	49.77	32.43	9.75	8.13	2.3	1.353	108.2	2.1	0.6	0.5
1170	1/26/2014 14:31:13	10.65	49.98	32.57	9.72	8.13	2.3	1.376	107.5	2.3	0.6	0.5
1171	1/26/2014 14:46:13	10.57	49.61	32.29	9.68	8.14	6.2	1.402	106.7	2.2	0.6	0.5
1172	1/26/2014 15:01:13	10.52	49.54	32.24	9.83	8.18	2.7	1.446	108.3	1.9	0.5	0.4
1173	1/26/2014 15:16:13	10.53	49.49	32.20	9.81	8.18	2.5	1.528	108.0	1.9	0.5	0.4
1174	1/26/2014 15:31:13	10.50	49.55	32.25	9.74	8.18	4.1	1.593	107.1	2.1	0.6	0.5
1175	1/26/2014 15:46:13	10.43	49.35	32.10	9.71	8.17	4.7	1.667	106.6	2.3	0.6	0.5
1176	1/26/2014 16:01:13	10.35	49.54	32.23	9.58	8.16	3.9	1.741	105.1	2.4	0.6	0.6
1177	1/26/2014 16:16:13	10.29	49.41	32.13	9.49	8.14	3.6	1.827	103.9	1.6	0.4	0.4
1178	1/26/2014 16:31:13	10.30	49.59	32.26	9.42	8.13	3.1	1.894	103.3	1.8	0.5	0.4
1179	1/26/2014 16:46:12	10.30	49.66	32.32	9.36	8.12	3.2	1.942	102.6	2.3	0.6	0.5
1180	1/26/2014 17:01:13	10.26	49.47	32.18	9.34	8.12	2.9	2.037	102.2	2.4	0.6	0.6
1181	1/26/2014 17:16:13	10.21	49.74	32.37	9.22	8.11	2.8	2.112	100.9	2.5	0.7	0.6
1182	1/26/2014 17:31:12	10.19	49.64	32.29	9.06	8.08	2.9	2.161	99.0	2.6	0.7	0.6
1183	1/26/2014 17:46:12	10.18	49.92	32.49	8.97	8.07	3.2	2.223	98.2	2.7	0.7	0.6
1184	1/26/2014 18:01:12	10.16	49.75	32.37	8.94	8.06	3.1	2.303	97.8	2.4	0.6	0.6
1185	1/26/2014 18:16:12	10.15	49.80	32.41	8.92	8.06	2.9	2.373	97.6	2.6	0.7	0.6
1186	1/26/2014 18:31:12	10.15	49.91	32.49	8.92	8.06	4.0	2.445	97.5	2.1	0.6	0.5
1187	1/26/2014 18:46:13	10.14	50.03	32.57	8.87	8.06	3.1	2.494	97.0	2.9	0.8	0.7
1188	1/26/2014 19:01:13	10.15	50.02	32.57	8.85	8.05	3.1	2.565	96.9	2.6	0.7	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
1189	1/26/2014 19:16:13	10.15	50.00	32.55	8.83	8.05	3.3	2.636	96.6	2.1	0.6	0.5
1190	1/26/2014 19:31:13	10.15	50.08	32.61	8.82	8.05	3.1	2.679	96.5	2.5	0.7	0.6
1191	1/26/2014 19:46:13	10.15	49.73	32.35	8.82	8.04	3.1	2.727	96.4	2.6	0.7	0.6
1192	1/26/2014 20:01:12	10.16	49.83	32.43	8.80	8.03	2.9	2.795	96.2	2.5	0.7	0.6
1193	1/26/2014 20:16:13	10.17	49.98	32.54	8.76	8.03	3.2	2.837	95.9	2.5	0.7	0.6
1194	1/26/2014 20:31:12	10.17	49.74	32.36	8.73	8.02	3.0	2.870	95.4	2.3	0.6	0.5
1195	1/26/2014 20:46:12	10.17	50.11	32.63	8.65	8.02	2.9	2.916	94.8	2.6	0.7	0.6
1196	1/26/2014 21:01:13	10.13	50.00	32.55	8.61	8.03	3.0	2.923	94.2	2.3	0.6	0.5
1197	1/26/2014 21:16:13	10.07	49.87	32.45	8.63	8.04	3.2	2.925	94.2	2.5	0.7	0.6
1198	1/26/2014 21:31:12	10.13	50.00	32.55	8.65	8.02	2.8	2.909	94.6	2.4	0.6	0.6
1199	1/26/2014 21:46:13	10.09	50.09	32.61	8.64	8.03	3.2	2.877	94.5	2.0	0.5	0.5
1200	1/26/2014 22:01:13	10.09	50.05	32.58	8.62	8.02	3.6	2.836	94.3	2.3	0.6	0.5
1201	1/26/2014 22:16:13	10.03	50.07	32.59	8.62	8.03	3.8	2.792	94.1	2.9	0.8	0.7
1202	1/26/2014 22:31:13	10.01	50.05	32.58	8.65	8.06	4.5	2.742	94.4	2.3	0.6	0.5
1203	1/26/2014 22:46:13	9.97	49.80	32.40	8.59	8.05	4.5	2.701	93.6	2.8	0.8	0.7
1204	1/26/2014 23:01:13	9.99	50.10	32.61	8.60	8.05	4.0	2.641	93.8	2.5	0.7	0.6
1205	1/26/2014 23:16:13	9.99	49.90	32.47	8.65	8.05	3.6	2.568	94.3	2.2	0.6	0.5
1206	1/26/2014 23:31:13	9.97	50.09	32.60	8.55	8.04	4.2	2.519	93.2	2.4	0.6	0.6
1207	1/26/2014 23:46:13	9.98	49.93	32.49	8.57	8.04	3.6	2.483	93.4	2.7	0.7	0.6
1208	1/27/2014 0:01:13	9.91	49.92	32.48	8.55	8.04	4.2	2.424	93.0	2.7	0.7	0.6
1209	1/27/2014 0:16:13	9.86	49.86	32.43	8.48	8.04	3.7	2.387	92.1	2.6	0.7	0.6
1210	1/27/2014 0:31:13	9.87	49.82	32.40	8.44	8.04	3.2	2.354	91.7	2.5	0.7	0.6
1211	1/27/2014 0:46:13	9.91	50.05	32.57	8.44	8.04	2.8	2.314	91.9	2.5	0.7	0.6
1212	1/27/2014 1:01:13	9.91	50.03	32.56	8.52	8.04	3.2	2.281	92.8	2.3	0.6	0.5
1213	1/27/2014 1:16:13	10.04	49.86	32.44	8.60	8.06	2.3	2.276	93.9	2.8	0.8	0.6
1214	1/27/2014 1:31:13	10.03	49.96	32.51	8.63	8.06	2.3	2.267	94.2	2.4	0.6	0.6
1215	1/27/2014 1:46:13	9.93	49.91	32.47	8.59	8.05	2.5	2.282	93.6	2.1	0.6	0.5
1216	1/27/2014 2:01:13	9.96	49.82	32.41	8.57	8.05	2.3	2.293	93.3	2.5	0.7	0.6
1217	1/27/2014 2:16:13	10.00	49.99	32.53	8.57	8.05	2.5	2.326	93.4	2.3	0.6	0.5
1218	1/27/2014 2:31:13	9.97	49.91	32.47	8.56	8.04	2.8	2.370	93.2	2.3	0.6	0.5
1219	1/27/2014 2:46:13	10.01	49.98	32.53	8.54	8.04	3.2	2.394	93.2	2.5	0.7	0.6
1220	1/27/2014 3:01:13	9.96	49.94	32.50	8.58	8.05	3.2	2.449	93.5	2.6	0.7	0.6
1221	1/27/2014 3:16:13	9.96	49.95	32.50	8.59	8.05	3.0	2.503	93.6	2.5	0.7	0.6
1222	1/27/2014 3:31:13	10.00	50.04	32.57	8.57	8.03	3.3	2.561	93.5	2.1	0.6	0.5
1223	1/27/2014 3:46:13	9.98	49.84	32.43	8.61	8.04	3.2	2.630	93.7	2.6	0.7	0.6
1224	1/27/2014 4:01:13	10.00	50.08	32.60	8.60	8.04	3.4	2.698	93.8	2.5	0.7	0.6
1225	1/27/2014 4:16:13	10.02	50.08	32.60	8.62	8.04	3.1	2.760	94.1	2.5	0.7	0.6
1226	1/27/2014 4:31:13	10.05	49.91	32.48	8.66	8.03	3.5	2.848	94.5	2.2	0.6	0.5
1227	1/27/2014 4:46:13	10.08	50.07	32.59	8.66	8.03	3.8	2.907	94.7	2.4	0.6	0.6
1228	1/27/2014 5:01:13	10.11	50.03	32.57	8.69	8.02	4.4	2.985	95.0	2.4	0.6	0.6
1229	1/27/2014 5:16:12	10.12	50.19	32.68	8.71	8.02	4.4	3.067	95.3	2.6	0.7	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
1230	1/27/2014 5:31:13	10.13	50.31	32.77	8.75	8.02	4.8	3.156	95.9	2.6	0.7	0.6
1231	1/27/2014 5:46:13	10.14	50.30	32.77	8.83	8.02	5.8	3.233	96.7	2.8	0.8	0.7
1232	1/27/2014 6:01:12	10.14	50.07	32.60	8.86	8.02	6.0	3.322	97.0	2.9	0.8	0.7
1233	1/27/2014 6:16:13	10.15	50.37	32.82	8.91	8.03	6.3	3.409	97.7	2.6	0.7	0.6
1234	1/27/2014 6:31:13	10.14	50.60	32.99	8.99	8.03	6.9	3.477	98.6	2.6	0.7	0.6
1235	1/27/2014 6:46:13	10.13	50.56	32.96	9.01	8.03	6.5	3.565	98.8	2.7	0.7	0.6
1236	1/27/2014 7:01:13	10.13	50.10	32.62	9.04	8.04	6.8	3.633	98.9	2.6	0.7	0.6
1237	1/27/2014 7:16:13	10.12	50.48	32.90	9.04	8.04	6.0	3.687	99.0	2.7	0.7	0.6
1238	1/27/2014 7:31:13	10.11	50.49	32.90	9.02	8.04	5.1	3.745	98.9	2.4	0.6	0.6
1239	1/27/2014 7:46:13	10.10	50.48	32.89	9.03	8.04	5.0	3.772	98.9	2.4	0.6	0.6
1240	1/27/2014 8:01:13	10.08	50.53	32.93	8.94	8.03	3.1	3.803	97.9	2.4	0.6	0.6
1241	1/27/2014 8:16:13	9.99	50.19	32.68	8.62	8.01	3.6	3.816	94.0	2.5	0.7	0.6
1242	1/27/2014 8:31:13	10.06	50.45	32.87	8.64	8.01	3.7	3.792	94.6	2.5	0.7	0.6
1243	1/27/2014 8:46:13	10.08	49.96	32.52	8.78	8.02	3.7	3.764	95.9	2.2	0.6	0.5
1244	1/27/2014 9:01:13	10.05	50.40	32.84	8.87	8.02	4.4	3.702	97.0	2.4	0.6	0.6
1245	1/27/2014 9:16:13	10.08	50.43	32.86	8.85	8.03	3.9	3.626	96.9	2.3	0.6	0.5
1246	1/27/2014 9:31:13	10.10	50.36	32.81	8.91	8.03	3.6	3.547	97.6	2.3	0.6	0.5
1247	1/27/2014 9:46:13	10.13	50.40	32.84	8.91	8.02	3.6	3.460	97.6	2.3	0.6	0.5
1248	1/27/2014 10:01:13	10.04	50.31	32.77	8.77	8.02	3.8	3.353	95.9	1.9	0.5	0.4
1249	1/27/2014 10:16:13	9.96	50.31	32.76	8.70	8.03	4.6	3.242	94.9	2.1	0.6	0.5
1250	1/27/2014 10:31:13	9.99	50.34	32.78	8.75	8.03	4.0	3.151	95.5	2.6	0.7	0.6
1251	1/27/2014 10:46:13	10.05	50.35	32.80	8.78	8.03	5.2	3.029	96.0	2.6	0.7	0.6
1252	1/27/2014 11:01:13	9.98	50.40	32.83	8.69	8.03	4.0	2.908	94.9	2.5	0.7	0.6
1253	1/27/2014 11:16:13	10.07	49.96	32.51	8.81	8.03	3.8	2.803	96.2	2.2	0.6	0.5
1254	1/27/2014 11:31:13	10.08	50.31	32.77	8.86	8.03	3.7	2.670	96.9	2.7	0.7	0.6
1255	1/27/2014 11:46:13	10.09	50.15	32.65	8.80	8.03	5.4	2.545	96.3	2.0	0.5	0.5
1256	1/27/2014 12:01:12	10.19	49.93	32.50	8.82	8.04	4.4	2.423	96.6	2.0	0.5	0.5
1257	1/27/2014 12:16:12	10.12	50.08	32.60	8.93	8.04	4.6	2.286	97.8	2.4	0.6	0.6
1258	1/27/2014 12:31:12	10.16	49.87	32.46	8.91	8.05	4.3	2.154	97.5	2.1	0.6	0.5
1259	1/27/2014 12:46:12	10.21	50.11	32.64	9.01	8.06	3.6	2.024	98.8	2.4	0.6	0.6
1260	1/27/2014 13:01:13	10.22	50.19	32.70	9.10	8.07	4.1	1.873	99.8	2.2	0.6	0.5
1261	1/27/2014 13:16:13	10.19	49.97	32.53	9.07	8.08	4.0	1.744	99.3	2.1	0.6	0.5
1262	1/27/2014 13:31:13	10.26	50.03	32.58	9.14	8.09	3.6	1.602	100.2	2.1	0.6	0.5
1263	1/27/2014 13:46:13	10.19	49.88	32.46	9.09	8.08	3.2	1.478	99.5	2.3	0.6	0.5
1264	1/27/2014 14:01:13	10.21	49.71	32.34	9.10	8.08	2.7	1.369	99.6	2.7	0.7	0.6
1265	1/27/2014 14:16:13	10.24	49.94	32.51	9.13	8.09	2.9	1.263	100.1	2.3	0.6	0.5
1266	1/27/2014 14:31:13	10.29	49.99	32.55	9.16	8.09	2.5	1.189	100.5	2.2	0.6	0.5
1267	1/27/2014 14:46:13	10.28	49.77	32.39	9.13	8.10	2.0	1.152	100.2	2.7	0.7	0.6
1268	1/27/2014 15:01:13	10.46	49.85	32.47	9.27	8.11	3.5	1.120	102.1	2.7	0.7	0.6
1269	1/27/2014 15:16:13	10.34	49.70	32.35	9.34	8.11	3.1	1.147	102.5	2.4	0.6	0.6
1270	1/27/2014 15:31:12	10.36	49.85	32.45	9.31	8.10	4.3	1.171	102.3	2.9	0.8	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
1271	1/27/2014 15:46:13	10.31	49.92	32.50	9.26	8.11	4.5	1.228	101.7	2.4	0.6	0.6
1272	1/27/2014 16:01:13	10.37	49.71	32.36	9.41	8.16	2.8	1.291	103.4	2.8	0.8	0.7
1273	1/27/2014 16:16:13	10.37	49.78	32.41	9.38	8.16	2.9	1.378	103.1	2.4	0.6	0.6
1274	1/27/2014 16:31:13	10.25	49.20	31.98	9.31	8.16	6.1	1.438	101.7	2.9	0.8	0.7
1275	1/27/2014 16:46:13	10.23	49.38	32.11	9.23	8.15	5.4	1.522	101.0	2.3	0.6	0.5
1276	1/27/2014 17:01:13	10.20	49.42	32.14	9.09	8.13	4.9	1.609	99.4	2.5	0.7	0.6
1277	1/27/2014 17:16:13	10.19	49.64	32.29	9.02	8.12	4.4	1.687	98.6	2.3	0.6	0.5
1278	1/27/2014 17:31:13	10.19	49.37	32.10	8.99	8.11	4.3	1.760	98.2	2.3	0.6	0.5
1279	1/27/2014 17:46:13	10.18	49.68	32.32	8.94	8.10	3.7	1.846	97.8	2.7	0.7	0.6
1280	1/27/2014 18:01:13	10.16	49.70	32.33	8.89	8.09	3.7	1.942	97.2	2.1	0.6	0.5
1281	1/27/2014 18:16:13	10.14	50.01	32.56	8.84	8.07	4.2	2.037	96.7	2.8	0.8	0.7
1282	1/27/2014 18:31:13	10.13	49.53	32.21	8.82	8.07	4.0	2.121	96.3	3.0	0.8	0.7
1283	1/27/2014 18:46:13	10.11	49.93	32.50	8.79	8.06	3.9	2.206	96.1	2.4	0.6	0.6
1284	1/27/2014 19:01:13	10.10	49.97	32.53	8.75	8.06	4.0	2.304	95.7	2.9	0.8	0.7
1285	1/27/2014 19:16:13	10.09	50.00	32.55	8.67	8.05	4.2	2.394	94.7	2.6	0.7	0.6
1286	1/27/2014 19:31:13	10.09	49.87	32.45	8.62	8.04	4.6	2.461	94.1	2.5	0.7	0.6
1287	1/27/2014 19:46:13	10.09	50.02	32.56	8.66	8.04	4.3	2.544	94.6	2.4	0.6	0.6
1288	1/27/2014 20:01:13	10.09	50.02	32.56	8.65	8.04	4.6	2.620	94.5	2.5	0.7	0.6
1289	1/27/2014 20:16:13	10.09	50.06	32.59	8.66	8.04	4.3	2.696	94.6	2.9	0.8	0.7
1290	1/27/2014 20:31:13	10.10	50.10	32.62	8.67	8.03	4.6	2.757	94.8	3.0	0.8	0.7
1291	1/27/2014 20:46:13	10.12	50.13	32.65	8.67	8.02	4.3	2.825	94.9	2.9	0.8	0.7
1292	1/27/2014 21:01:13	10.14	50.24	32.72	8.74	8.02	4.5	2.887	95.7	3.0	0.8	0.7
1293	1/27/2014 21:16:13	10.16	50.27	32.75	8.75	8.02	4.7	2.943	95.8	2.4	0.6	0.6
1294	1/27/2014 21:31:13	10.17	50.29	32.76	8.75	8.02	3.8	2.984	95.9	3.1	0.8	0.7
1295	1/27/2014 21:46:13	10.17	50.16	32.67	8.70	8.02	3.8	3.027	95.3	2.9	0.8	0.7
1296	1/27/2014 22:01:13	10.18	49.99	32.55	8.74	8.02	3.4	3.053	95.7	2.8	0.8	0.7
1297	1/27/2014 22:16:13	10.16	50.24	32.73	8.60	8.02	3.3	3.064	94.3	2.7	0.7	0.6
1298	1/27/2014 22:31:13	10.15	50.15	32.66	8.56	8.02	3.5	3.053	93.8	3.0	0.8	0.7
1299	1/27/2014 22:46:13	10.17	50.40	32.85	8.66	8.02	3.6	3.014	95.0	2.8	0.8	0.7
1300	1/27/2014 23:01:13	10.16	50.35	32.81	8.65	8.01	4.0	2.981	94.8	2.4	0.6	0.6
1301	1/27/2014 23:16:13	10.15	50.18	32.68	8.61	8.02	3.9	2.926	94.3	3.0	0.8	0.7
1302	1/27/2014 23:31:13	10.13	50.11	32.63	8.55	8.03	4.8	2.846	93.6	2.3	0.6	0.6
1303	1/27/2014 23:46:13	10.12	49.98	32.53	8.53	8.03	5.9	2.782	93.2	2.5	0.7	0.6
1304	1/28/2014 0:01:13	10.11	50.02	32.56	8.48	8.03	5.1	2.716	92.7	2.5	0.7	0.6
1305	1/28/2014 0:16:13	10.11	50.01	32.56	8.45	8.02	4.3	2.644	92.4	2.8	0.8	0.7
1306	1/28/2014 0:31:13	10.11	49.96	32.52	8.41	8.02	4.2	2.574	92.0	2.5	0.7	0.6
1307	1/28/2014 0:46:13	10.12	49.93	32.50	8.37	8.02	4.6	2.520	91.5	2.2	0.6	0.5
1308	1/28/2014 1:01:13	10.13	49.91	32.48	8.35	8.03	4.4	2.454	91.2	2.9	0.8	0.7
1309	1/28/2014 1:16:13	10.15	50.10	32.62	8.32	8.03	3.9	2.394	91.1	2.3	0.6	0.5
1310	1/28/2014 1:31:12	10.16	49.52	32.20	8.41	8.03	3.6	2.350	91.8	3.3	0.9	0.8
1311	1/28/2014 1:46:13	10.16	49.84	32.43	8.34	8.04	3.3	2.318	91.2	2.4	0.6	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
1312	1/28/2014 2:01:13	10.15	49.67	32.31	8.30	8.03	3.0	2.290	90.7	2.8	0.8	0.7
1313	1/28/2014 2:16:13	10.15	49.89	32.47	8.30	8.03	2.5	2.240	90.8	2.7	0.7	0.6
1314	1/28/2014 2:31:13	10.15	49.92	32.49	8.25	8.02	2.9	2.239	90.3	2.8	0.8	0.7
1315	1/28/2014 2:46:13	10.15	49.94	32.50	8.31	8.02	3.0	2.232	91.0	2.4	0.6	0.6
1316	1/28/2014 3:01:13	10.14	49.77	32.38	8.36	8.03	2.8	2.237	91.3	2.1	0.6	0.5
1317	1/28/2014 3:16:13	10.13	49.84	32.43	8.35	8.03	3.0	2.268	91.3	2.5	0.7	0.6
1318	1/28/2014 3:31:13	10.11	49.62	32.27	8.36	8.03	2.7	2.306	91.2	2.2	0.6	0.5
1319	1/28/2014 3:46:13	10.11	49.78	32.39	8.37	8.03	2.9	2.340	91.4	2.7	0.7	0.6
1320	1/28/2014 4:01:12	10.11	49.62	32.27	8.35	8.02	3.8	2.398	91.2	2.5	0.7	0.6
1321	1/28/2014 4:16:13	10.13	49.69	32.32	8.30	8.03	3.7	2.453	90.7	2.1	0.6	0.5
1322	1/28/2014 4:31:13	10.12	49.61	32.27	8.35	8.02	4.2	2.532	91.2	2.4	0.6	0.6
1323	1/28/2014 4:46:13	10.13	49.92	32.49	8.36	8.02	4.0	2.602	91.5	2.6	0.7	0.6
1324	1/28/2014 5:01:13	10.13	50.15	32.66	8.36	8.01	4.3	2.660	91.5	2.7	0.7	0.6
1325	1/28/2014 5:16:13	10.14	50.04	32.58	8.41	8.01	3.7	2.739	92.0	2.5	0.7	0.6
1326	1/28/2014 5:31:13	10.15	50.13	32.64	8.50	8.02	3.9	2.820	93.1	2.1	0.6	0.5
1327	1/28/2014 5:46:13	10.15	50.33	32.79	8.54	8.01	4.3	2.889	93.6	2.7	0.7	0.6
1328	1/28/2014 6:01:13	10.16	50.34	32.80	8.59	8.02	5.8	2.984	94.2	2.6	0.7	0.6
1329	1/28/2014 6:16:13	10.17	50.30	32.77	8.68	8.02	6.4	3.071	95.2	2.6	0.7	0.6
1330	1/28/2014 6:31:13	10.18	50.45	32.88	8.72	8.02	6.2	3.177	95.7	2.8	0.8	0.7
1331	1/28/2014 6:46:13	10.18	50.02	32.56	8.78	8.03	7.5	3.264	96.2	2.8	0.8	0.7
1332	1/28/2014 7:01:13	10.18	50.36	32.82	8.83	8.03	9.2	3.355	96.8	3.1	0.8	0.7
1333	1/28/2014 7:16:13	10.19	50.38	32.83	8.86	8.03	9.2	3.458	97.3	2.7	0.7	0.6
1334	1/28/2014 7:31:13	10.19	50.46	32.89	8.93	8.04	8.9	3.548	98.0	3.1	0.8	0.7
1335	1/28/2014 7:46:13	10.18	50.47	32.89	8.91	8.03	8.6	3.627	97.8	3.1	0.8	0.7
1336	1/28/2014 8:01:13	10.17	50.39	32.83	8.98	8.04	8.4	3.700	98.5	2.9	0.8	0.7
1337	1/28/2014 8:16:12	10.17	50.28	32.75	8.96	8.03	6.7	3.774	98.3	2.6	0.7	0.6
1338	1/28/2014 8:31:12	10.17	50.11	32.64	8.97	8.03	5.6	3.828	98.2	2.4	0.6	0.6
1339	1/28/2014 8:46:13	10.17	50.51	32.92	8.95	8.04	4.9	3.867	98.3	2.4	0.6	0.6
1340	1/28/2014 9:01:13	10.17	50.07	32.61	8.93	8.04	4.3	3.896	97.8	2.2	0.6	0.5
1341	1/28/2014 9:16:13	10.18	50.33	32.80	8.54	8.01	3.7	3.893	93.7	2.6	0.7	0.6
1342	1/28/2014 9:31:13	10.19	50.28	32.76	8.59	8.02	3.9	3.896	94.2	2.3	0.6	0.5
1343	1/28/2014 9:46:13	10.23	50.50	32.92	8.77	8.02	4.3	3.854	96.3	2.9	0.8	0.7
1344	1/28/2014 10:01:12	10.21	50.00	32.55	8.79	8.02	4.7	3.817	96.3	3.0	0.8	0.7
1345	1/28/2014 10:16:12	10.21	50.28	32.76	8.81	8.03	4.8	3.720	96.7	2.4	0.6	0.6
1346	1/28/2014 10:31:13	10.25	50.56	32.96	8.99	8.04	4.8	3.638	98.9	2.5	0.7	0.6
1347	1/28/2014 10:46:13	10.27	50.29	32.77	8.90	8.03	4.3	3.538	97.7	2.3	0.6	0.5
1348	1/28/2014 11:01:14	10.28	50.47	32.90	8.87	8.03	4.4	3.440	97.6	2.4	0.6	0.6
1349	1/28/2014 11:16:14	10.24	50.44	32.88	8.80	8.03	5.9	3.310	96.6	3.3	0.9	0.8
1350	1/28/2014 11:31:13	10.24	50.21	32.71	8.80	8.03	7.6	3.180	96.6	3.1	0.8	0.7
1351	1/28/2014 11:46:13	10.27	50.09	32.62	8.82	8.03	6.5	3.058	96.8	2.5	0.7	0.6
1352	1/28/2014 12:01:13	10.32	50.15	32.67	8.82	8.03	5.6	2.906	97.0	2.6	0.7	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
1353	1/28/2014 12:16:13	10.38	50.23	32.73	8.93	8.04	4.3	2.782	98.3	3.0	0.8	0.7
1354	1/28/2014 12:31:13	10.42	50.28	32.77	8.98	8.05	4.3	2.650	99.0	2.6	0.7	0.6
1355	1/28/2014 12:46:13	10.42	49.98	32.55	8.91	8.04	4.8	2.500	98.1	2.6	0.7	0.6
1356	1/28/2014 13:01:13	10.44	50.07	32.62	9.06	8.05	4.8	2.345	99.9	2.4	0.6	0.6
1357	1/28/2014 13:16:13	10.42	50.15	32.68	8.79	8.04	8.2	2.200	96.8	2.9	0.8	0.7
1358	1/28/2014 13:31:13	10.50	50.04	32.60	9.22	8.06	6.5	2.052	101.8	2.7	0.7	0.6
1359	1/28/2014 13:46:13	10.50	49.62	32.30	9.06	8.07	7.1	1.893	99.8	2.5	0.7	0.6
1360	1/28/2014 14:01:13	10.48	49.77	32.40	8.88	8.07	6.5	1.732	97.7	2.4	0.6	0.6
1361	1/28/2014 14:16:13	10.52	49.93	32.52	8.99	8.07	6.1	1.590	99.1	2.6	0.7	0.6
1362	1/28/2014 14:31:13	10.51	49.86	32.48	8.98	8.08	4.8	1.446	99.0	2.4	0.6	0.6
1363	1/28/2014 14:46:13	10.51	49.69	32.35	8.96	8.07	4.2	1.281	98.7	2.4	0.6	0.6
1364	1/28/2014 15:01:13	10.55	49.95	32.54	8.98	8.08	3.4	1.180	99.1	2.5	0.7	0.6
1365	1/28/2014 15:16:13	10.55	49.84	32.46	8.99	8.08	3.3	1.072	99.1	2.1	0.6	0.5
1366	1/28/2014 15:31:13	10.58	49.80	32.43	9.00	8.08	3.1	0.996	99.3	2.4	0.6	0.6
1367	1/28/2014 15:46:13	10.66	49.76	32.41	9.08	8.09	3.6	0.930	100.3	2.6	0.7	0.6
1368	1/28/2014 16:01:13	10.65	49.64	32.32	9.05	8.08	3.6	0.950	100.0	2.5	0.7	0.6
1369	1/28/2014 16:16:13	10.61	49.81	32.44	9.07	8.08	3.2	0.990	100.2	2.7	0.7	0.6
1370	1/28/2014 16:31:13	10.63	49.67	32.34	9.09	8.08	5.3	1.049	100.4	2.9	0.8	0.7
1371	1/28/2014 16:46:13	10.84	49.63	32.33	9.17	8.13	3.9	1.124	101.7	2.6	0.7	0.6
1372	1/28/2014 17:01:12	10.84	49.27	32.06	9.18	8.13	3.5	1.202	101.6	2.4	0.6	0.6
1373	1/28/2014 17:16:13	10.85	49.52	32.25	9.04	8.11	7.9	1.311	100.2	3.1	0.8	0.7
1374	1/28/2014 17:31:13	10.88	49.13	31.96	8.84	8.11	8.8	1.389	97.9	2.9	0.8	0.7
1375	1/28/2014 17:46:13	10.82	49.31	32.09	8.85	8.10	7.6	1.468	98.0	2.8	0.8	0.7
1376	1/28/2014 18:01:13	10.79	49.15	31.98	8.80	8.09	6.5	1.528	97.3	3.0	0.8	0.7
1377	1/28/2014 18:16:13	10.70	49.46	32.20	8.80	8.08	5.6	1.634	97.3	3.0	0.8	0.7
1378	1/28/2014 18:31:13	10.67	49.40	32.15	8.80	8.08	5.3	1.749	97.1	3.2	0.9	0.7
1379	1/28/2014 18:46:13	10.65	49.68	32.35	8.73	8.07	4.8	1.835	96.5	2.6	0.7	0.6
1380	1/28/2014 19:01:13	10.59	49.71	32.37	8.63	8.05	5.0	1.920	95.2	2.6	0.7	0.6
1381	1/28/2014 19:16:13	10.52	49.54	32.24	8.59	8.04	5.2	2.026	94.6	2.5	0.7	0.6
1382	1/28/2014 19:31:13	10.49	49.85	32.46	8.62	8.04	5.8	2.164	95.0	2.6	0.7	0.6
1383	1/28/2014 19:46:13	10.48	49.80	32.43	8.66	8.05	5.9	2.251	95.4	2.5	0.7	0.6
1384	1/28/2014 20:01:13	10.47	49.83	32.45	8.68	8.04	6.1	2.349	95.6	3.0	0.8	0.7
1385	1/28/2014 20:16:13	10.45	49.78	32.41	8.66	8.04	6.4	2.471	95.3	2.5	0.7	0.6
1386	1/28/2014 20:31:13	10.44	50.07	32.62	8.64	8.03	7.2	2.557	95.1	3.0	0.8	0.7
1387	1/28/2014 20:46:13	10.43	49.89	32.49	8.62	8.03	7.8	2.642	94.9	2.7	0.7	0.6
1388	1/28/2014 21:01:13	10.43	49.92	32.51	8.63	8.02	8.4	2.738	95.0	3.0	0.8	0.7
1389	1/28/2014 21:16:13	10.43	50.11	32.65	8.70	8.02	9.0	2.811	95.8	3.4	0.9	0.8
1390	1/28/2014 21:31:13	10.42	49.88	32.48	8.82	8.02	9.4	2.902	97.0	3.1	0.8	0.7
1391	1/28/2014 21:46:13	10.43	50.17	32.69	8.87	8.02	9.0	2.958	97.7	3.0	0.8	0.7
1392	1/28/2014 22:01:13	10.45	50.09	32.63	8.95	8.03	8.6	3.037	98.7	3.0	0.8	0.7
1393	1/28/2014 22:16:13	10.47	50.43	32.89	9.04	8.03	7.3	3.093	99.9	3.5	0.9	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
1394	1/28/2014 22:31:13	10.47	50.15	32.68	9.07	8.03	6.8	3.149	100.1	2.8	0.8	0.7
1395	1/28/2014 22:46:13	10.48	50.49	32.93	9.14	8.03	5.5	3.207	101.0	2.9	0.8	0.7
1396	1/28/2014 23:01:13	10.48	50.19	32.71	9.11	8.04	4.2	3.221	100.5	2.9	0.8	0.7
1397	1/28/2014 23:16:13	10.48	50.41	32.87	8.98	8.02	5.0	3.216	99.1	2.8	0.8	0.7
1398	1/28/2014 23:31:13	10.48	50.31	32.80	8.95	8.02	5.1	3.224	98.9	2.4	0.6	0.6
1399	1/28/2014 23:46:13	10.48	49.99	32.56	8.96	8.03	5.3	3.179	98.8	2.4	0.6	0.6
1400	1/29/2014 0:01:13	10.48	50.21	32.72	8.93	8.03	6.4	3.101	98.6	3.2	0.9	0.8
1401	1/29/2014 0:16:13	10.48	50.03	32.60	8.82	8.02	7.9	3.023	97.2	2.4	0.6	0.6
1402	1/29/2014 0:31:13	10.46	50.34	32.82	8.73	8.01	5.7	2.939	96.4	3.1	0.8	0.7
1403	1/29/2014 0:46:13	10.47	49.91	32.51	8.59	8.02	7.1	2.863	94.6	3.1	0.8	0.7
1404	1/29/2014 1:01:13	10.50	50.14	32.67	8.49	8.02	7.0	2.762	93.7	2.8	0.8	0.7
1405	1/29/2014 1:16:13	10.52	50.02	32.59	8.47	8.02	5.7	2.694	93.5	3.0	0.8	0.7
1406	1/29/2014 1:31:12	10.54	49.71	32.37	8.49	8.02	5.6	2.593	93.6	2.4	0.6	0.6
1407	1/29/2014 1:46:13	10.53	49.97	32.55	8.43	8.01	5.6	2.520	93.1	2.4	0.6	0.6
1408	1/29/2014 2:01:13	10.52	49.66	32.33	8.42	8.02	5.4	2.469	92.8	2.6	0.7	0.6
1409	1/29/2014 2:16:13	10.52	49.87	32.48	8.40	8.02	5.0	2.370	92.6	2.6	0.7	0.6
1410	1/29/2014 2:31:13	10.51	50.05	32.61	8.38	8.01	4.2	2.308	92.5	2.5	0.7	0.6
1411	1/29/2014 2:46:13	10.51	49.91	32.51	8.38	8.01	4.4	2.256	92.4	2.5	0.7	0.6
1412	1/29/2014 3:01:13	10.52	49.79	32.42	8.35	8.01	4.0	2.203	92.0	2.2	0.6	0.5
1413	1/29/2014 3:16:13	10.54	49.98	32.56	8.31	8.01	3.8	2.149	91.7	2.8	0.8	0.7
1414	1/29/2014 3:31:13	10.57	49.87	32.48	8.25	8.01	3.1	2.136	91.1	2.8	0.8	0.7
1415	1/29/2014 3:46:13	10.60	49.80	32.43	8.21	8.02	2.4	2.129	90.7	2.5	0.7	0.6
1416	1/29/2014 4:01:13	10.57	49.88	32.49	8.25	8.01	3.6	2.131	91.1	2.4	0.6	0.6
1417	1/29/2014 4:16:13	10.57	49.80	32.43	8.27	8.01	3.0	2.135	91.3	2.6	0.7	0.6
1418	1/29/2014 4:31:13	10.57	49.75	32.39	8.30	8.02	3.1	2.177	91.5	2.3	0.6	0.5
1419	1/29/2014 4:46:13	10.56	49.91	32.51	8.24	8.02	3.4	2.240	90.9	2.1	0.6	0.5
1420	1/29/2014 5:01:13	10.63	49.72	32.38	8.25	8.01	6.0	2.302	91.1	2.4	0.6	0.6
1421	1/29/2014 5:16:13	10.62	49.57	32.27	8.25	8.02	5.4	2.378	91.0	2.5	0.7	0.6
1422	1/29/2014 5:31:13	10.56	49.89	32.50	8.32	8.01	5.6	2.441	91.9	2.7	0.7	0.6
1423	1/29/2014 5:46:13	10.55	49.85	32.47	8.35	8.00	4.9	2.533	92.2	2.8	0.8	0.7
1424	1/29/2014 6:01:13	10.54	49.65	32.33	8.39	8.01	5.0	2.617	92.5	2.8	0.8	0.7
1425	1/29/2014 6:16:13	10.51	50.02	32.59	8.54	8.01	5.4	2.704	94.3	3.0	0.8	0.7
1426	1/29/2014 6:31:13	10.50	49.87	32.48	8.65	8.02	6.2	2.800	95.3	2.6	0.7	0.6
1427	1/29/2014 6:46:13	10.51	50.07	32.63	8.70	8.02	7.7	2.876	96.0	2.5	0.7	0.6
1428	1/29/2014 7:01:13	10.51	49.92	32.52	8.86	8.02	8.4	2.991	97.7	3.2	0.9	0.8
1429	1/29/2014 7:16:12	10.51	50.14	32.67	8.94	8.02	9.8	3.080	98.7	2.8	0.8	0.7
1430	1/29/2014 7:31:13	10.51	50.32	32.81	9.00	8.02	10.8	3.189	99.5	2.9	0.8	0.7
1431	1/29/2014 7:46:13	10.51	50.19	32.71	9.08	8.03	11.2	3.303	100.2	3.2	0.9	0.7
1432	1/29/2014 8:01:13	10.51	50.30	32.79	9.13	8.04	12.3	3.394	100.9	3.0	0.8	0.7
1433	1/29/2014 8:16:12	10.51	50.17	32.70	9.20	8.03	12.0	3.494	101.6	2.9	0.8	0.7
1434	1/29/2014 8:31:13	10.51	50.40	32.87	9.23	8.04	11.5	3.594	102.0	3.1	0.8	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
1435	1/29/2014 8:46:13	10.51	50.24	32.75	9.23	8.04	10.4	3.677	102.0	2.8	0.8	0.7
1436	1/29/2014 9:01:13	10.50	50.40	32.86	9.24	8.04	9.2	3.765	102.1	3.1	0.8	0.7
1437	1/29/2014 9:16:13	10.50	50.27	32.77	9.24	8.04	8.8	3.835	102.0	2.9	0.8	0.7
1438	1/29/2014 9:31:13	10.51	50.42	32.88	9.20	8.04	5.8	3.896	101.7	2.6	0.7	0.6
1439	1/29/2014 9:46:13	10.51	50.23	32.74	9.18	8.04	5.1	3.940	101.4	2.5	0.7	0.6
1440	1/29/2014 10:01:13	10.52	50.06	32.62	9.05	8.03	4.0	3.954	99.8	2.1	0.6	0.5
1441	1/29/2014 10:16:13	10.54	50.17	32.70	8.90	8.02	4.0	3.968	98.3	2.7	0.7	0.6
1442	1/29/2014 10:31:13	10.54	50.21	32.73	9.00	8.02	4.3	3.967	99.4	2.3	0.6	0.5
1443	1/29/2014 10:46:13	10.53	50.07	32.63	9.11	8.04	4.6	3.912	100.5	2.4	0.6	0.6
1444	1/29/2014 11:01:13	10.53	50.29	32.78	9.12	8.03	6.0	3.841	100.7	2.5	0.7	0.6
1445	1/29/2014 11:16:13	10.54	50.08	32.63	9.19	8.04	5.4	3.772	101.5	2.4	0.6	0.6
1446	1/29/2014 11:31:13	10.55	50.28	32.78	9.14	8.04	4.7	3.661	101.0	2.4	0.6	0.6
1447	1/29/2014 11:46:13	10.57	50.16	32.70	9.01	8.02	5.0	3.512	99.6	3.4	0.9	0.8
1448	1/29/2014 12:01:13	10.58	50.00	32.58	8.85	8.03	6.1	3.418	97.8	2.9	0.8	0.7
1449	1/29/2014 12:16:13	10.59	50.02	32.60	8.93	8.03	9.0	3.264	98.7	3.3	0.9	0.8
1450	1/29/2014 12:31:13	10.60	49.88	32.49	8.98	8.03	12.6	3.124	99.2	3.5	0.9	0.8
1451	1/29/2014 12:46:13	10.61	49.95	32.54	8.98	8.03	9.5	3.008	99.2	3.3	0.9	0.8
1452	1/29/2014 13:01:13	10.62	49.88	32.50	9.00	8.03	10.5	2.831	99.4	2.9	0.8	0.7
1453	1/29/2014 13:16:13	10.66	49.95	32.54	9.08	8.04	6.3	2.690	100.5	2.9	0.8	0.7
1454	1/29/2014 13:31:13	10.69	49.84	32.47	9.04	8.03	5.7	2.552	100.0	2.7	0.7	0.6
1455	1/29/2014 13:46:13	10.73	49.90	32.52	9.21	8.05	5.4	2.383	102.0	2.9	0.8	0.7
1456	1/29/2014 14:01:12	10.78	49.60	32.30	8.91	8.05	5.8	2.231	98.7	2.8	0.8	0.7
1457	1/29/2014 14:16:12	10.78	49.49	32.22	8.74	8.03	9.6	2.068	96.8	2.6	0.7	0.6
1458	1/29/2014 14:31:13	10.84	49.53	32.25	8.79	8.04	9.3	1.900	97.4	2.9	0.8	0.7
1459	1/29/2014 14:46:12	10.88	49.30	32.09	8.84	8.04	7.5	1.741	98.0	2.7	0.7	0.6
1460	1/29/2014 15:01:12	10.89	49.55	32.27	8.86	8.05	7.0	1.567	98.3	2.9	0.8	0.7
1461	1/29/2014 15:16:13	10.92	49.43	32.19	8.80	8.05	6.0	1.399	97.6	2.4	0.6	0.6
1462	1/29/2014 15:31:13	10.90	49.38	32.15	8.84	8.05	5.6	1.239	98.0	2.5	0.7	0.6
1463	1/29/2014 15:46:13	10.91	49.54	32.27	8.79	8.05	4.9	1.096	97.6	2.9	0.8	0.7
1464	1/29/2014 16:01:13	10.97	49.51	32.25	8.81	8.06	4.6	0.958	98.0	2.6	0.7	0.6
1465	1/29/2014 16:16:13	10.96	49.30	32.10	8.84	8.06	4.0	0.851	98.2	2.2	0.6	0.5
1466	1/29/2014 16:31:13	11.02	49.34	32.13	8.91	8.06	5.7	0.777	99.1	2.8	0.8	0.7
1467	1/29/2014 16:46:12	11.18	48.87	31.80	8.83	8.07	4.7	0.755	98.3	2.6	0.7	0.6
1468	1/29/2014 17:01:13	11.26	49.11	31.97	8.74	8.08	3.9	0.823	97.6	2.7	0.7	0.6
1469	1/29/2014 17:16:13	11.21	49.12	31.98	8.70	8.07	4.0	0.905	97.1	2.5	0.7	0.6
1470	1/29/2014 17:31:12	11.25	49.01	31.90	8.63	8.07	6.7	1.013	96.4	2.3	0.6	0.5
1471	1/29/2014 17:46:13	11.20	49.10	31.96	8.63	8.06	6.8	1.134	96.3	2.4	0.6	0.6
1472	1/29/2014 18:01:13	11.25	48.77	31.72	8.52	8.04	12.6	1.231	95.0	3.5	0.9	0.8
1473	1/29/2014 18:16:13	11.23	48.62	31.62	8.52	8.04	8.6	1.305	94.9	2.9	0.8	0.7
1474	1/29/2014 18:31:12	11.19	48.75	31.71	8.48	8.03	7.9	1.387	94.4	3.1	0.8	0.7
1475	1/29/2014 18:46:13	11.14	49.03	31.91	8.46	8.04	6.4	1.482	94.2	2.7	0.7	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
1476	1/29/2014 19:01:13	11.09	49.04	31.91	8.51	8.03	6.3	1.582	94.7	3.1	0.8	0.7
1477	1/29/2014 19:16:12	11.07	48.76	31.71	8.54	8.03	5.6	1.670	94.8	3.1	0.8	0.7
1478	1/29/2014 19:31:13	10.99	49.41	32.17	8.50	8.03	5.9	1.786	94.4	2.8	0.8	0.6
1479	1/29/2014 19:46:13	10.87	49.52	32.25	8.52	8.02	5.9	1.905	94.5	2.6	0.7	0.6
1480	1/29/2014 20:01:13	10.84	49.45	32.19	8.53	8.02	5.8	2.005	94.5	3.1	0.8	0.7
1481	1/29/2014 20:16:13	10.82	49.46	32.20	8.55	8.02	6.6	2.140	94.7	2.9	0.8	0.7
1482	1/29/2014 20:31:13	10.81	49.52	32.24	8.57	8.02	7.3	2.254	94.9	3.0	0.8	0.7
1483	1/29/2014 20:46:13	10.77	49.42	32.17	8.59	8.02	7.3	2.362	95.0	3.2	0.9	0.8
1484	1/29/2014 21:01:13	10.75	49.54	32.26	8.59	8.02	7.6	2.472	95.0	3.0	0.8	0.7
1485	1/29/2014 21:16:13	10.73	49.66	32.34	8.60	8.01	9.8	2.576	95.2	3.3	0.9	0.8
1486	1/29/2014 21:31:13	10.71	49.64	32.32	8.66	8.01	10.4	2.685	95.8	3.4	0.9	0.8
1487	1/29/2014 21:46:13	10.69	49.86	32.48	8.70	8.02	12.0	2.775	96.3	2.9	0.8	0.7
1488	1/29/2014 22:01:13	10.70	49.75	32.41	8.86	8.02	13.8	2.873	98.1	2.8	0.8	0.7
1489	1/29/2014 22:16:13	10.69	49.92	32.53	8.92	8.02	11.9	2.962	98.7	3.3	0.9	0.8
1490	1/29/2014 22:31:13	10.70	49.83	32.46	8.97	8.02	12.3	3.050	99.2	3.0	0.8	0.7
1491	1/29/2014 22:46:13	10.69	49.99	32.58	9.00	8.02	11.7	3.132	99.7	3.6	1.0	0.8
1492	1/29/2014 23:01:13	10.69	49.98	32.57	9.03	8.03	11.1	3.206	100.0	3.6	1.0	0.8
1493	1/29/2014 23:16:13	10.69	50.14	32.68	9.03	8.04	7.9	3.266	100.0	3.5	0.9	0.8
1494	1/29/2014 23:31:13	10.69	49.62	32.31	9.06	8.04	6.1	3.325	100.2	3.1	0.8	0.7
1495	1/29/2014 23:46:13	10.69	50.07	32.63	9.01	8.04	4.6	3.346	99.8	3.1	0.8	0.7
1496	1/30/2014 0:01:12	10.69	49.94	32.54	8.73	8.02	6.0	3.340	96.7	3.1	0.8	0.7
1497	1/30/2014 0:16:13	10.68	49.89	32.51	8.74	8.01	6.2	3.330	96.7	2.6	0.7	0.6
1498	1/30/2014 0:31:13	10.69	50.11	32.66	8.89	8.03	5.7	3.276	98.5	2.9	0.8	0.7
1499	1/30/2014 0:46:13	10.69	49.88	32.50	8.84	8.02	7.5	3.201	97.8	3.1	0.8	0.7
1500	1/30/2014 1:01:13	10.68	50.03	32.60	8.85	8.02	8.5	3.105	98.0	2.9	0.8	0.7
1501	1/30/2014 1:16:13	10.67	49.84	32.47	8.79	8.01	8.1	3.017	97.2	2.4	0.6	0.6
1502	1/30/2014 1:31:13	10.68	49.82	32.45	8.73	8.01	7.9	2.927	96.6	3.0	0.8	0.7
1503	1/30/2014 1:46:13	10.70	49.90	32.51	8.68	8.01	10.1	2.814	96.1	5.6	1.5	1.3
1504	1/30/2014 2:01:13	10.70	49.82	32.46	8.73	8.01	8.7	2.732	96.6	6.8	1.8	1.6
1505	1/30/2014 2:16:13	10.71	49.81	32.45	8.65	8.01	6.8	2.632	95.7	3.1	0.8	0.7
1506	1/30/2014 2:31:13	10.69	49.63	32.32	8.57	8.01	5.7	2.546	94.7	3.0	0.8	0.7
1507	1/30/2014 2:46:13	10.70	49.67	32.35	8.46	8.00	6.5	2.461	93.5	2.8	0.8	0.7
1508	1/30/2014 3:01:13	10.70	49.48	32.21	8.42	7.99	5.9	2.371	93.0	2.8	0.8	0.7
1509	1/30/2014 3:16:13	10.69	49.67	32.34	8.42	8.00	5.2	2.298	93.1	2.5	0.7	0.6
1510	1/30/2014 3:31:13	10.68	49.51	32.23	8.40	7.99	5.1	2.215	92.8	2.2	0.6	0.5
1511	1/30/2014 3:46:13	10.68	49.72	32.38	8.36	8.00	4.7	2.136	92.5	2.3	0.6	0.5
1512	1/30/2014 4:01:13	10.76	49.38	32.14	8.30	8.00	4.5	2.088	91.8	2.4	0.6	0.6
1513	1/30/2014 4:16:13	10.71	49.53	32.25	8.21	7.99	3.7	2.022	90.8	2.6	0.7	0.6
1514	1/30/2014 4:31:13	10.80	49.30	32.08	8.16	8.00	3.6	2.008	90.3	2.5	0.7	0.6
1515	1/30/2014 4:46:13	10.82	49.44	32.19	8.05	8.00	2.8	1.981	89.2	2.3	0.6	0.5
1516	1/30/2014 5:01:13	10.79	49.29	32.07	8.12	8.00	3.4	1.973	89.8	2.0	0.5	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
1517	1/30/2014 5:16:13	10.83	49.21	32.02	8.12	8.00	3.0	2.010	89.9	2.5	0.7	0.6
1518	1/30/2014 5:31:13	10.81	49.40	32.15	8.17	8.00	3.9	2.067	90.4	2.5	0.7	0.6
1519	1/30/2014 5:46:13	10.78	49.38	32.14	8.19	8.00	4.5	2.127	90.6	2.8	0.8	0.7
1520	1/30/2014 6:01:13	10.77	49.27	32.06	8.16	7.99	9.3	2.194	90.2	2.8	0.8	0.7
1521	1/30/2014 6:16:13	10.75	49.33	32.11	8.21	7.99	7.3	2.285	90.8	2.3	0.6	0.5
1522	1/30/2014 6:31:13	10.71	49.43	32.18	8.29	7.99	6.1	2.376	91.6	2.5	0.7	0.6
1523	1/30/2014 6:46:13	10.70	49.42	32.16	8.33	7.99	5.6	2.471	92.0	2.5	0.7	0.6
1524	1/30/2014 7:01:13	10.68	49.66	32.34	8.45	8.00	6.1	2.560	93.4	2.9	0.8	0.7
1525	1/30/2014 7:16:13	10.68	49.72	32.38	8.56	8.01	6.5	2.658	94.6	2.2	0.6	0.5
1526	1/30/2014 7:31:13	10.68	49.70	32.37	8.59	8.01	8.4	2.749	95.0	2.6	0.7	0.6
1527	1/30/2014 7:46:13	10.67	49.89	32.50	8.63	8.01	9.4	2.855	95.5	2.8	0.8	0.7
1528	1/30/2014 8:01:13	10.67	49.82	32.45	8.70	8.02	10.8	2.960	96.2	3.1	0.8	0.7
1529	1/30/2014 8:16:13	10.66	50.00	32.58	8.75	8.02	12.5	3.063	96.9	3.1	0.8	0.7
1530	1/30/2014 8:31:13	10.65	50.04	32.61	8.80	8.03	13.7	3.173	97.4	3.1	0.8	0.7
1531	1/30/2014 8:46:12	10.64	50.04	32.61	8.87	8.03	15.1	3.291	98.2	3.4	0.9	0.8
1532	1/30/2014 9:01:13	10.63	50.06	32.62	8.95	8.05	15.6	3.407	99.0	3.5	0.9	0.8
1533	1/30/2014 9:16:13	10.63	50.27	32.78	8.99	8.05	13.7	3.505	99.6	3.3	0.9	0.8
1534	1/30/2014 9:31:13	10.63	50.18	32.71	9.02	8.05	12.0	3.618	99.9	3.0	0.8	0.7
1535	1/30/2014 9:46:13	10.64	50.28	32.79	9.03	8.06	10.6	3.723	100.0	2.9	0.8	0.7
1536	1/30/2014 10:01:13	10.65	50.16	32.70	9.02	8.05	9.2	3.804	99.9	2.9	0.8	0.7
1537	1/30/2014 10:16:13	10.66	50.36	32.84	9.01	8.05	6.7	3.882	99.9	2.5	0.7	0.6
1538	1/30/2014 10:31:13	10.66	50.43	32.90	9.00	8.05	6.3	3.949	99.9	2.5	0.7	0.6
1539	1/30/2014 10:46:13	10.66	50.24	32.75	9.04	8.06	4.9	3.991	100.2	2.8	0.8	0.7
1540	1/30/2014 11:01:13	10.66	50.35	32.84	8.97	8.06	3.4	4.017	99.4	1.9	0.5	0.5
1541	1/30/2014 11:16:13	10.70	50.14	32.69	8.98	8.05	4.4	4.006	99.5	2.4	0.6	0.6
1542	1/30/2014 11:31:13	10.71	50.18	32.72	9.27	8.07	6.4	3.973	102.7	2.4	0.6	0.6
1543	1/30/2014 11:46:13	10.72	50.34	32.83	9.23	8.07	5.1	3.915	102.5	2.8	0.8	0.6
1544	1/30/2014 12:01:13	10.74	50.22	32.75	9.18	8.07	6.1	3.828	101.9	2.3	0.6	0.5
1545	1/30/2014 12:16:13	10.77	50.21	32.74	9.20	8.07	6.5	3.715	102.2	3.0	0.8	0.7
1546	1/30/2014 12:31:12	10.76	50.31	32.82	9.15	8.06	7.8	3.590	101.7	3.0	0.8	0.7
1547	1/30/2014 12:46:13	10.72	50.28	32.79	9.03	8.05	8.3	3.475	100.2	2.5	0.7	0.6
1548	1/30/2014 13:01:13	10.70	50.28	32.79	9.01	8.05	10.3	3.325	99.9	3.0	0.8	0.7
1549	1/30/2014 13:16:13	10.71	50.18	32.72	8.96	8.04	15.0	3.179	99.4	3.3	0.9	0.8
1550	1/30/2014 13:31:13	10.72	50.07	32.64	8.93	8.04	13.1	3.039	99.0	3.2	0.9	0.8
1551	1/30/2014 13:46:13	10.74	49.97	32.57	8.96	8.04	13.0	2.884	99.3	2.9	0.8	0.7
1552	1/30/2014 14:01:13	10.76	49.87	32.49	8.97	8.04	15.8	2.738	99.5	3.4	0.9	0.8
1553	1/30/2014 14:16:13	10.77	50.06	32.63	9.03	8.04	12.8	2.574	100.2	3.4	0.9	0.8
1554	1/30/2014 14:31:13	10.78	49.82	32.46	9.05	8.05	12.3	2.421	100.4	2.9	0.8	0.7
1555	1/30/2014 14:46:13	10.81	49.79	32.44	9.07	8.05	12.0	2.270	100.6	3.0	0.8	0.7
1556	1/30/2014 15:01:13	10.85	49.71	32.38	8.98	8.04	15.2	2.095	99.6	2.8	0.8	0.7
1557	1/30/2014 15:16:13	10.87	49.60	32.31	8.90	8.03	20.3	1.919	98.8	2.7	0.7	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
1558	1/30/2014 15:31:13	10.90	49.52	32.25	8.86	8.03	22.2	1.757	98.4	3.6	1.0	0.8
1559	1/30/2014 15:46:13	10.88	49.57	32.29	8.88	8.03	19.7	1.576	98.6	3.5	0.9	0.8
1560	1/30/2014 16:01:12	10.88	49.55	32.27	8.75	8.02	16.6	1.401	97.1	3.6	1.0	0.8
1561	1/30/2014 16:16:13	10.89	49.53	32.26	8.73	8.02	13.9	1.217	96.9	3.1	0.8	0.7
1562	1/30/2014 16:31:13	10.91	49.52	32.25	8.75	8.02	10.8	1.059	97.2	3.8	1.0	0.9
1563	1/30/2014 16:46:13	10.94	49.52	32.25	8.73	8.03	11.2	0.917	97.0	2.7	0.7	0.6
1564	1/30/2014 17:01:13	10.96	49.50	32.24	8.66	8.02	8.9	0.781	96.3	2.9	0.8	0.7
1565	1/30/2014 17:16:13	10.91	49.59	32.30	8.65	8.03	9.8	0.689	96.1	2.9	0.8	0.7
1566	1/30/2014 17:31:13	10.98	49.41	32.17	8.63	8.01	8.9	0.676	96.0	3.5	0.9	0.8
1567	1/30/2014 17:46:13	11.06	49.08	31.94	8.48	8.01	7.9	0.711	94.2	3.1	0.8	0.7
1568	1/30/2014 18:01:13	11.08	49.14	31.98	8.48	8.01	7.9	0.801	94.4	3.4	0.9	0.8
1569	1/30/2014 18:16:13	11.11	49.03	31.91	8.37	8.00	8.3	0.938	93.1	4.0	1.1	0.9
1570	1/30/2014 18:31:13	11.11	49.03	31.91	8.36	8.00	9.7	1.049	93.0	3.8	1.0	0.9
1571	1/30/2014 18:46:13	11.08	49.03	31.91	8.36	8.00	9.6	1.150	93.0	3.7	1.0	0.9
1572	1/30/2014 19:01:12	11.07	48.76	31.71	8.34	7.98	10.9	1.242	92.6	3.3	0.9	0.8
1573	1/30/2014 19:16:13	11.08	48.98	31.87	8.38	7.99	9.5	1.332	93.1	3.1	0.8	0.7
1574	1/30/2014 19:31:13	11.06	48.74	31.69	8.43	8.00	10.3	1.429	93.6	3.5	0.9	0.8
1575	1/30/2014 19:46:13	11.01	49.14	31.98	8.50	8.00	9.2	1.539	94.4	3.3	0.9	0.8
1576	1/30/2014 20:01:13	10.99	49.18	32.01	8.52	8.00	8.7	1.642	94.6	3.5	0.9	0.8
1577	1/30/2014 20:16:13	10.99	49.28	32.08	8.54	8.01	7.9	1.750	94.8	3.4	0.9	0.8
1578	1/30/2014 20:31:13	10.94	49.31	32.10	8.60	8.01	8.7	1.877	95.4	3.4	0.9	0.8
1579	1/30/2014 20:46:13	10.92	49.53	32.26	8.64	8.01	9.0	2.007	95.9	2.9	0.8	0.7
1580	1/30/2014 21:01:13	10.91	49.66	32.35	8.71	8.02	10.0	2.134	96.7	3.3	0.9	0.8
1581	1/30/2014 21:16:13	10.89	49.54	32.26	8.72	8.02	10.4	2.256	96.7	3.1	0.8	0.7
1582	1/30/2014 21:31:13	10.87	49.66	32.35	8.69	8.02	10.8	2.381	96.4	3.1	0.8	0.7
1583	1/30/2014 21:46:13	10.85	49.70	32.38	8.73	8.02	13.3	2.494	96.9	3.4	0.9	0.8
1584	1/30/2014 22:01:13	10.83	49.63	32.32	8.71	8.02	14.8	2.610	96.6	3.5	0.9	0.8
1585	1/30/2014 22:16:13	10.80	49.69	32.37	8.76	8.02	20.0	2.717	97.1	3.6	1.0	0.9
1586	1/30/2014 22:31:13	10.75	49.82	32.45	8.93	8.03	20.0	2.823	98.9	3.6	1.0	0.8
1587	1/30/2014 22:46:13	10.73	49.77	32.42	8.98	8.03	18.6	2.934	99.4	3.8	1.0	0.9
1588	1/30/2014 23:01:13	10.72	50.21	32.74	8.97	8.04	16.3	3.033	99.5	3.4	0.9	0.8
1589	1/30/2014 23:16:13	10.69	49.84	32.47	9.02	8.04	15.4	3.128	99.8	3.3	0.9	0.8
1590	1/30/2014 23:31:13	10.69	50.12	32.67	9.02	8.05	16.6	3.223	99.9	3.9	1.1	0.9
1591	1/30/2014 23:46:13	10.67	50.06	32.63	9.02	8.05	10.8	3.291	99.9	3.3	0.9	0.8
1592	1/31/2014 0:01:13	10.65	49.97	32.56	9.01	8.05	8.4	3.355	99.6	3.0	0.8	0.7
1593	1/31/2014 0:16:13	10.64	50.29	32.79	8.96	8.05	4.7	3.396	99.2	2.7	0.7	0.6
1594	1/31/2014 0:31:13	10.60	49.88	32.49	8.69	8.02	6.8	3.426	96.0	3.0	0.8	0.7
1595	1/31/2014 0:46:13	10.58	49.98	32.56	8.69	8.02	7.0	3.419	96.0	3.3	0.9	0.8
1596	1/31/2014 1:01:13	10.58	49.89	32.50	8.86	8.03	14.1	3.373	97.8	3.7	1.0	0.9
1597	1/31/2014 1:16:13	10.62	49.91	32.51	8.87	8.04	7.4	3.318	98.0	3.0	0.8	0.7
1598	1/31/2014 1:31:13	10.59	50.04	32.61	8.92	8.04	10.1	3.236	98.6	3.2	0.9	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
1599	1/31/2014 1:46:13	10.55	50.31	32.80	8.96	8.05	7.2	3.141	99.1	3.6	1.0	0.8
1600	1/31/2014 2:01:13	10.54	50.12	32.66	8.95	8.04	7.0	3.034	98.9	2.5	0.7	0.6
1601	1/31/2014 2:16:13	10.54	50.17	32.70	8.91	8.03	6.9	2.931	98.4	3.3	0.9	0.8
1602	1/31/2014 2:31:13	10.55	50.18	32.71	8.84	8.02	9.0	2.829	97.7	3.5	0.9	0.8
1603	1/31/2014 2:46:13	10.59	50.10	32.65	8.81	8.02	11.7	2.726	97.4	3.2	0.9	0.7
1604	1/31/2014 3:01:13	10.58	49.54	32.25	8.77	8.02	9.7	2.631	96.7	2.7	0.7	0.6
1605	1/31/2014 3:16:13	10.55	50.04	32.60	8.70	8.02	7.8	2.523	96.1	2.5	0.7	0.6
1606	1/31/2014 3:31:13	10.48	49.82	32.44	8.70	8.02	7.2	2.423	95.9	2.5	0.7	0.6
1607	1/31/2014 3:46:13	10.43	49.96	32.54	8.69	8.02	5.9	2.329	95.6	2.5	0.7	0.6
1608	1/31/2014 4:01:13	10.42	49.95	32.53	8.64	8.01	6.2	2.209	95.0	2.9	0.8	0.7
1609	1/31/2014 4:16:13	10.45	49.97	32.55	8.57	8.00	6.9	2.121	94.4	2.9	0.8	0.7
1610	1/31/2014 4:31:13	10.33	49.71	32.35	8.54	8.00	6.2	2.025	93.8	2.6	0.7	0.6
1611	1/31/2014 4:46:13	10.34	49.79	32.41	8.43	7.99	6.5	1.947	92.5	2.7	0.7	0.6
1612	1/31/2014 5:01:13	10.35	49.68	32.33	8.33	7.98	5.9	1.875	91.4	2.7	0.7	0.6
1613	1/31/2014 5:16:13	10.38	49.44	32.16	8.24	7.98	5.3	1.814	90.4	2.3	0.6	0.5
1614	1/31/2014 5:31:13	10.47	49.43	32.16	8.16	7.98	4.7	1.794	89.7	2.3	0.6	0.5
1615	1/31/2014 5:46:12	10.50	49.34	32.10	8.06	7.97	3.3	1.779	88.6	2.6	0.7	0.6
1616	1/31/2014 6:01:13	10.45	49.15	31.96	8.18	7.98	4.1	1.783	89.8	2.4	0.6	0.6
1617	1/31/2014 6:16:13	10.47	49.33	32.09	8.20	7.98	4.2	1.827	90.1	2.6	0.7	0.6
1618	1/31/2014 6:31:13	10.53	49.35	32.11	8.18	7.98	5.0	1.884	90.1	2.6	0.7	0.6
1619	1/31/2014 6:46:13	10.52	49.39	32.14	8.21	7.98	6.6	1.968	90.4	2.2	0.6	0.5
1620	1/31/2014 7:01:13	10.32	48.94	31.80	8.28	7.97	10.4	2.068	90.5	2.3	0.6	0.5
1621	1/31/2014 7:16:12	10.40	49.26	32.03	8.36	7.98	8.1	2.164	91.7	2.7	0.7	0.6
1622	1/31/2014 7:31:12	10.41	49.61	32.29	8.40	7.98	7.6	2.270	92.2	2.6	0.7	0.6
1623	1/31/2014 7:46:12	10.42	49.25	32.03	8.43	7.99	8.1	2.381	92.5	2.1	0.6	0.5
1624	1/31/2014 8:01:12	10.45	49.60	32.28	8.53	8.00	8.1	2.477	93.8	2.4	0.6	0.6
1625	1/31/2014 8:16:13	10.50	49.87	32.48	8.59	8.01	7.8	2.574	94.7	2.3	0.6	0.5
1626	1/31/2014 8:31:13	10.51	49.84	32.46	8.62	8.01	8.9	2.680	95.0	3.2	0.9	0.7
1627	1/31/2014 8:46:13	10.50	49.94	32.53	8.69	8.02	9.7	2.775	95.8	2.8	0.8	0.7
1628	1/31/2014 9:01:13	10.49	50.06	32.61	8.71	8.02	11.5	2.883	96.1	2.9	0.8	0.7
1629	1/31/2014 9:16:13	10.49	49.85	32.46	8.76	8.02	12.8	2.992	96.5	2.8	0.8	0.6
1630	1/31/2014 9:31:13	10.46	50.04	32.60	8.82	8.03	13.7	3.101	97.2	3.2	0.9	0.8
1631	1/31/2014 9:46:13	10.44	49.99	32.56	8.84	8.04	17.0	3.201	97.4	3.0	0.8	0.7
1632	1/31/2014 10:01:13	10.42	49.99	32.56	8.92	8.05	17.3	3.324	98.1	2.8	0.8	0.6
1633	1/31/2014 10:16:13	10.42	50.29	32.78	8.95	8.05	16.2	3.434	98.6	2.9	0.8	0.7
1634	1/31/2014 10:31:13	10.40	50.30	32.79	8.95	8.05	15.3	3.533	98.6	3.3	0.9	0.8
1635	1/31/2014 10:46:13	10.40	50.18	32.70	8.95	8.05	14.0	3.633	98.6	2.6	0.7	0.6
1636	1/31/2014 11:01:13	10.40	50.08	32.63	8.96	8.06	10.5	3.726	98.6	3.0	0.8	0.7
1637	1/31/2014 11:16:13	10.41	50.37	32.83	8.96	8.06	8.1	3.798	98.8	2.7	0.7	0.6
	Mean	10.13	49.88	32.47	9.18	8.06	4.43	2.53	100.35	2.24	0.60	0.53
	Minimum	9.15	48.62	31.62	8.05	7.97	1.20	0.68	88.60	1.00	0.27	0.20

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.27)	Fluorescence %FS
	Maximum	11.26	50.62	32.99	10.68	8.18	28.60	4.02	116.50	9.50	2.57	2.20

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

Chlorophyll/Fluorescence displayed as *in vivo* (non-extractive) readings from YSI 6025 chlorophyll probe

Chlorophyll corrected with ratio derived from extractive analysis; Sample collected at 10:00; value = 0.64

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
0	1/31/2014 11:46:03	10.39	51.12	33.38	8.94	7.99	6.4	4.079	98.9	1.9	1.0	0.4
1	1/31/2014 12:01:03	10.41	51.15	33.40	8.86	8.00	3.6	4.096	98.0	1.5	0.8	0.4
2	1/31/2014 12:16:03	10.46	51.13	33.39	8.87	8.01	5.0	4.075	98.2	1.9	1.0	0.4
3	1/31/2014 12:31:03	10.50	51.13	33.39	9.06	8.02	5.1	4.037	100.5	1.9	1.0	0.5
4	1/31/2014 12:46:03	10.55	51.12	33.39	9.11	8.03	6.6	3.960	101.1	1.4	0.8	0.3
5	1/31/2014 13:01:03	10.51	51.17	33.42	9.08	8.03	6.4	3.866	100.7	2.0	1.1	0.5
6	1/31/2014 13:16:03	10.59	51.13	33.40	9.10	8.04	6.8	3.738	101.1	1.9	1.0	0.5
7	1/31/2014 13:31:03	10.69	51.06	33.35	9.11	8.04	5.7	3.610	101.3	1.8	1.0	0.4
8	1/31/2014 13:46:03	10.62	50.95	33.27	9.02	8.03	9.2	3.472	100.1	1.8	1.0	0.4
9	1/31/2014 14:01:03	10.58	50.92	33.25	9.00	8.03	15.6	3.330	99.9	2.4	1.3	0.6
10	1/31/2014 14:16:03	10.61	50.87	33.21	8.98	8.03	11.7	3.190	99.7	2.2	1.2	0.5
11	1/31/2014 14:31:03	10.69	50.90	33.24	9.02	8.03	11.7	3.048	100.3	2.3	1.3	0.5
12	1/31/2014 14:46:03	10.72	50.88	33.23	9.10	8.04	7.9	2.896	101.3	1.4	0.8	0.3
13	1/31/2014 15:01:03	10.73	50.81	33.18	9.10	8.04	8.8	2.745	101.3	2.1	1.2	0.5
14	1/31/2014 15:16:03	10.74	50.81	33.18	9.19	8.05	8.1	2.584	102.3	1.2	0.7	0.3
15	1/31/2014 15:31:03	10.82	50.52	32.97	9.13	8.03	11.9	2.431	101.6	1.5	0.8	0.3
16	1/31/2014 15:46:03	10.83	50.61	33.03	9.12	8.04	10.2	2.248	101.6	2.1	1.2	0.5
17	1/31/2014 16:01:03	10.85	50.42	32.90	9.11	8.03	13.0	2.092	101.4	2.4	1.3	0.6
18	1/31/2014 16:16:03	10.85	50.34	32.84	9.18	8.04	14.2	1.908	102.2	2.4	1.3	0.6
19	1/31/2014 16:31:03	10.85	50.32	32.83	9.21	8.04	12.4	1.717	102.5	2.5	1.4	0.6
20	1/31/2014 16:46:03	10.86	50.26	32.78	9.23	8.05	10.4	1.556	102.7	2.0	1.1	0.5
21	1/31/2014 17:01:03	10.84	50.31	32.82	9.18	8.04	9.2	1.372	102.1	2.1	1.2	0.5
22	1/31/2014 17:16:03	10.84	50.23	32.76	9.21	8.05	7.9	1.203	102.4	1.5	0.8	0.4
23	1/31/2014 17:31:03	10.84	50.17	32.72	9.23	8.05	6.8	1.063	102.7	1.8	1.0	0.4
24	1/31/2014 17:46:03	10.84	50.14	32.69	9.24	8.05	5.9	0.924	102.7	2.3	1.3	0.5
25	1/31/2014 18:01:04	10.82	50.15	32.70	9.21	8.05	6.2	0.869	102.4	2.2	1.2	0.5
26	1/31/2014 18:16:03	10.82	50.00	32.59	9.21	8.05	5.8	0.864	102.3	2.5	1.4	0.6
27	1/31/2014 18:31:03	10.73	49.70	32.37	8.91	8.01	5.9	0.935	98.7	1.6	0.9	0.4
28	1/31/2014 18:46:03	10.75	49.75	32.41	8.93	8.01	6.5	1.042	98.9	1.3	0.7	0.3
29	1/31/2014 19:01:03	10.72	49.68	32.36	8.85	8.00	6.2	1.171	97.9	1.4	0.8	0.3
30	1/31/2014 19:16:04	10.74	49.72	32.38	8.90	8.01	6.4	1.280	98.5	1.5	0.8	0.4
31	1/31/2014 19:31:04	10.59	49.30	32.07	8.88	7.99	9.2	1.363	97.8	2.0	1.1	0.5
32	1/31/2014 19:46:04	10.59	49.22	32.02	8.88	7.99	7.9	1.446	97.8	1.9	1.0	0.4
33	1/31/2014 20:01:03	10.67	49.38	32.13	8.88	8.00	7.6	1.543	98.0	1.9	1.0	0.5
34	1/31/2014 20:16:03	10.69	49.45	32.19	8.93	8.00	9.4	1.636	98.6	2.3	1.3	0.5
35	1/31/2014 20:31:03	10.73	49.71	32.38	8.99	8.01	7.0	1.747	99.5	1.9	1.0	0.4
36	1/31/2014 20:46:03	10.74	49.80	32.44	8.99	8.02	7.2	1.856	99.6	1.8	1.0	0.4
37	1/31/2014 21:01:03	10.78	49.98	32.58	8.99	8.02	7.2	1.979	99.7	1.9	1.0	0.4
38	1/31/2014 21:16:04	10.77	50.07	32.64	8.94	8.02	7.5	2.108	99.2	2.0	1.1	0.5
39	1/31/2014 21:31:04	10.77	50.11	32.67	8.95	8.02	7.8	2.228	99.4	2.0	1.1	0.5
40	1/31/2014 21:46:04	10.79	50.14	32.69	8.98	8.03	8.3	2.368	99.8	1.9	1.0	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
41	1/31/2014 22:01:03	10.78	50.18	32.72	8.95	8.03	10.0	2.494	99.3	2.0	1.1	0.5
42	1/31/2014 22:16:03	10.74	50.24	32.76	8.92	8.02	10.6	2.612	99.0	2.6	1.4	0.6
43	1/31/2014 22:31:03	10.73	50.27	32.78	8.94	8.02	12.2	2.736	99.2	2.2	1.2	0.5
44	1/31/2014 22:46:03	10.71	50.32	32.82	8.94	8.03	14.2	2.850	99.2	2.2	1.2	0.5
45	1/31/2014 23:01:03	10.69	50.41	32.88	8.99	8.03	17.8	2.955	99.8	2.6	1.4	0.6
46	1/31/2014 23:16:03	10.62	50.53	32.97	9.02	8.04	15.5	3.072	100.0	2.8	1.5	0.7
47	1/31/2014 23:31:04	10.57	50.58	33.00	9.03	8.04	18.4	3.175	100.0	2.7	1.5	0.6
48	1/31/2014 23:46:04	10.54	50.67	33.06	9.02	8.04	18.2	3.278	99.8	2.5	1.4	0.6
49	2/1/2014 0:01:04	10.49	50.74	33.11	9.04	8.04	18.4	3.383	100.0	2.5	1.4	0.6
50	2/1/2014 0:16:04	10.44	50.79	33.14	9.05	8.05	14.4	3.480	100.0	2.4	1.3	0.6
51	2/1/2014 0:31:03	10.41	50.83	33.17	9.06	8.05	12.8	3.561	100.1	2.2	1.2	0.5
52	2/1/2014 0:46:04	10.39	50.86	33.19	9.06	8.05	8.4	3.629	100.1	2.9	1.6	0.7
53	2/1/2014 1:01:04	10.30	50.76	33.11	8.95	8.04	6.7	3.668	98.6	1.7	0.9	0.4
54	2/1/2014 1:16:04	10.23	50.52	32.94	8.79	8.03	5.4	3.694	96.6	2.7	1.5	0.6
55	2/1/2014 1:31:04	10.36	50.55	32.97	8.71	8.02	5.7	3.696	96.0	1.6	0.9	0.4
56	2/1/2014 1:46:04	10.35	50.67	33.05	8.83	8.03	7.2	3.649	97.4	1.6	0.9	0.4
57	2/1/2014 2:01:04	10.36	50.63	33.02	8.80	8.03	7.9	3.587	97.1	2.4	1.3	0.6
58	2/1/2014 2:16:04	10.31	50.78	33.13	8.92	8.04	8.6	3.493	98.4	2.1	1.2	0.5
59	2/1/2014 2:31:04	10.29	50.73	33.09	8.95	8.04	8.2	3.389	98.6	2.3	1.3	0.5
60	2/1/2014 2:46:04	10.33	50.65	33.04	8.85	8.03	8.1	3.274	97.5	2.2	1.2	0.5
61	2/1/2014 3:01:04	10.32	50.58	32.98	8.79	8.02	12.5	3.160	96.8	2.5	1.4	0.6
62	2/1/2014 3:16:04	10.17	50.39	32.83	8.75	8.01	9.0	3.036	95.9	2.4	1.3	0.6
63	2/1/2014 3:31:04	10.27	50.40	32.85	8.72	8.02	11.7	2.928	95.8	2.0	1.1	0.5
64	2/1/2014 3:46:04	10.31	50.41	32.86	8.71	8.02	12.2	2.811	95.8	1.9	1.0	0.5
65	2/1/2014 4:01:04	10.25	50.34	32.80	8.71	8.01	9.0	2.701	95.7	2.1	1.2	0.5
66	2/1/2014 4:16:04	10.25	50.43	32.87	8.70	8.01	8.2	2.590	95.6	1.7	0.9	0.4
67	2/1/2014 4:31:04	10.19	50.48	32.90	8.73	8.02	7.1	2.491	95.8	1.9	1.0	0.4
68	2/1/2014 4:46:04	10.24	50.36	32.82	8.71	8.01	8.6	2.365	95.7	1.8	1.0	0.4
69	2/1/2014 5:01:04	10.04	50.45	32.87	8.67	8.01	6.4	2.264	94.8	1.9	1.0	0.5
70	2/1/2014 5:16:04	10.03	50.32	32.78	8.58	8.00	6.8	2.155	93.8	2.2	1.2	0.5
71	2/1/2014 5:31:04	9.96	50.20	32.68	8.55	8.00	7.1	2.059	93.3	1.8	1.0	0.4
72	2/1/2014 5:46:04	9.88	50.03	32.55	8.55	7.99	7.2	1.971	93.0	2.0	1.1	0.5
73	2/1/2014 6:01:04	9.80	50.03	32.55	8.51	7.99	5.9	1.895	92.4	2.0	1.1	0.5
74	2/1/2014 6:16:04	9.85	49.96	32.50	8.48	7.98	5.2	1.859	92.2	1.9	1.0	0.4
75	2/1/2014 6:31:04	9.90	49.89	32.45	8.47	7.98	4.1	1.829	92.1	1.8	1.0	0.4
76	2/1/2014 6:46:04	9.84	49.92	32.47	8.46	7.98	4.7	1.829	91.9	1.2	0.7	0.3
77	2/1/2014 7:01:04	9.87	49.86	32.43	8.52	7.98	4.2	1.853	92.6	1.6	0.9	0.4
78	2/1/2014 7:16:04	9.90	49.79	32.38	8.55	7.98	4.3	1.901	93.0	1.7	0.9	0.4
79	2/1/2014 7:31:03	9.88	49.73	32.34	8.56	7.98	5.3	1.976	92.9	1.7	0.9	0.4
80	2/1/2014 7:46:04	9.76	49.65	32.27	8.58	7.98	6.7	2.071	93.0	1.4	0.8	0.3
81	2/1/2014 8:01:04	9.60	49.54	32.18	8.55	7.97	8.4	2.176	92.2	1.8	1.0	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
82	2/1/2014 8:16:04	9.84	49.80	32.39	8.58	7.98	6.8	2.279	93.2	1.6	0.9	0.4
83	2/1/2014 8:31:04	9.88	49.86	32.44	8.57	7.99	6.3	2.393	93.2	1.6	0.9	0.4
84	2/1/2014 8:46:04	10.04	50.16	32.66	8.63	8.00	6.5	2.495	94.2	1.4	0.8	0.3
85	2/1/2014 9:01:04	10.17	50.29	32.76	8.64	8.01	6.4	2.596	94.8	1.5	0.8	0.3
86	2/1/2014 9:16:04	10.24	50.36	32.82	8.70	8.01	7.1	2.698	95.5	2.1	1.2	0.5
87	2/1/2014 9:31:04	10.25	50.41	32.85	8.70	8.01	8.1	2.796	95.6	1.2	0.7	0.3
88	2/1/2014 9:46:04	10.24	50.36	32.82	8.75	8.02	9.1	2.894	96.1	2.3	1.3	0.5
89	2/1/2014 10:01:04	10.26	50.45	32.89	8.76	8.02	11.5	2.991	96.3	2.7	1.5	0.6
90	2/1/2014 10:16:04	10.27	50.49	32.92	8.80	8.02	10.4	3.095	96.7	2.0	1.1	0.5
91	2/1/2014 10:31:04	10.22	50.57	32.97	8.83	8.03	12.3	3.204	97.0	2.1	1.2	0.5
92	2/1/2014 10:46:04	10.19	50.63	33.01	8.87	8.03	15.1	3.307	97.4	1.9	1.0	0.4
93	2/1/2014 11:01:04	10.17	50.77	33.11	8.93	8.04	15.3	3.410	98.1	2.4	1.3	0.6
94	2/1/2014 11:16:04	10.15	50.79	33.12	8.95	8.04	14.6	3.530	98.3	1.9	1.0	0.5
95	2/1/2014 11:31:04	10.13	50.81	33.14	8.97	8.04	16.3	3.620	98.5	2.0	1.1	0.5
96	2/1/2014 11:46:04	10.15	50.86	33.17	8.99	8.05	11.9	3.705	98.8	2.1	1.2	0.5
97	2/1/2014 12:01:04	10.17	50.87	33.18	8.98	8.05	10.5	3.789	98.7	2.3	1.3	0.5
98	2/1/2014 12:16:04	10.16	50.87	33.18	8.95	8.04	7.9	3.854	98.4	1.6	0.9	0.4
99	2/1/2014 12:31:04	10.17	50.89	33.20	8.89	8.04	6.3	3.900	97.7	2.2	1.2	0.5
100	2/1/2014 12:46:03	10.18	50.83	33.16	8.84	8.04	5.1	3.925	97.2	2.0	1.1	0.5
101	2/1/2014 13:01:04	10.38	50.76	33.11	9.12	8.05	6.2	3.939	100.6	1.9	1.0	0.4
102	2/1/2014 13:16:04	10.41	50.74	33.11	9.10	8.05	5.0	3.917	100.6	1.7	0.9	0.4
103	2/1/2014 13:31:04	10.26	50.84	33.17	9.12	8.05	10.2	3.843	100.5	1.9	1.0	0.4
104	2/1/2014 13:46:04	10.28	50.79	33.13	9.08	8.05	8.5	3.774	100.0	1.7	0.9	0.4
105	2/1/2014 14:01:04	10.40	50.82	33.16	9.14	8.06	7.5	3.676	100.9	1.6	0.9	0.4
106	2/1/2014 14:16:04	10.52	50.71	33.09	9.19	8.06	5.3	3.546	101.7	2.2	1.2	0.5
107	2/1/2014 14:31:04	10.52	50.67	33.06	9.14	8.05	7.2	3.416	101.1	1.9	1.0	0.5
108	2/1/2014 14:46:04	10.43	50.64	33.04	9.13	8.05	13.9	3.277	100.9	1.5	0.8	0.4
109	2/1/2014 15:01:04	10.45	50.63	33.03	9.15	8.05	11.1	3.154	101.0	2.2	1.2	0.5
110	2/1/2014 15:16:04	10.50	50.59	33.00	9.18	8.05	8.4	3.009	101.5	2.1	1.2	0.5
111	2/1/2014 15:31:04	10.56	50.54	32.97	9.25	8.06	7.8	2.867	102.4	1.4	0.8	0.3
112	2/1/2014 15:46:04	10.58	50.55	32.98	9.23	8.06	9.3	2.723	102.2	2.2	1.2	0.5
113	2/1/2014 16:01:04	10.53	50.60	33.01	9.30	8.06	6.9	2.579	102.9	1.9	1.0	0.5
114	2/1/2014 16:16:04	10.57	50.36	32.84	9.31	8.05	8.7	2.404	103.0	1.8	1.0	0.4
115	2/1/2014 16:31:04	10.55	50.28	32.78	9.31	8.06	10.3	2.261	102.9	1.9	1.0	0.5
116	2/1/2014 16:46:04	10.56	50.28	32.78	9.34	8.06	9.0	2.100	103.3	2.4	1.3	0.6
117	2/1/2014 17:01:04	10.57	50.16	32.69	9.42	8.06	10.2	1.957	104.1	1.8	1.0	0.4
118	2/1/2014 17:16:04	10.56	50.19	32.71	9.52	8.08	8.6	1.785	105.2	2.6	1.4	0.6
119	2/1/2014 17:31:04	10.57	50.13	32.67	9.44	8.07	8.2	1.612	104.3	1.7	0.9	0.4
120	2/1/2014 17:46:04	10.59	50.11	32.66	9.43	8.07	7.2	1.461	104.3	2.2	1.2	0.5
121	2/1/2014 18:01:04	10.57	50.12	32.67	9.34	8.06	6.7	1.324	103.2	2.1	1.2	0.5
122	2/1/2014 18:16:04	10.57	50.08	32.63	9.42	8.07	6.8	1.188	104.1	2.0	1.1	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
123	2/1/2014 18:31:04	10.55	50.06	32.62	9.42	8.07	6.3	1.095	104.0	2.1	1.2	0.5
124	2/1/2014 18:46:04	10.53	50.00	32.58	9.49	8.07	5.5	1.020	104.7	2.3	1.3	0.5
125	2/1/2014 19:01:04	10.51	50.00	32.58	9.52	8.07	5.7	1.025	105.0	1.8	1.0	0.4
126	2/1/2014 19:16:04	10.49	49.92	32.51	9.63	8.07	4.6	1.076	106.1	1.7	0.9	0.4
127	2/1/2014 19:31:04	10.49	49.88	32.48	9.68	8.07	4.1	1.150	106.6	1.5	0.8	0.4
128	2/1/2014 19:46:04	10.46	49.81	32.43	9.63	8.07	4.5	1.263	106.0	1.6	0.9	0.4
129	2/1/2014 20:01:04	10.46	49.85	32.46	9.67	8.07	4.6	1.362	106.5	1.4	0.8	0.3
130	2/1/2014 20:16:04	10.03	49.30	32.04	9.40	8.02	8.3	1.465	102.3	1.4	0.8	0.3
131	2/1/2014 20:31:04	10.05	49.31	32.04	9.36	8.02	7.5	1.559	101.9	1.5	0.8	0.4
132	2/1/2014 20:46:04	10.23	49.61	32.28	9.39	8.04	6.6	1.652	102.8	1.8	1.0	0.4
133	2/1/2014 21:01:04	10.32	49.70	32.35	9.42	8.04	6.2	1.764	103.3	1.7	0.9	0.4
134	2/1/2014 21:16:04	10.33	49.77	32.40	9.38	8.04	6.1	1.868	103.0	2.3	1.3	0.5
135	2/1/2014 21:31:04	10.43	49.93	32.52	9.34	8.05	5.9	1.978	102.8	1.8	1.0	0.4
136	2/1/2014 21:46:04	10.51	50.08	32.63	9.26	8.05	5.8	2.096	102.2	1.6	0.9	0.4
137	2/1/2014 22:01:04	10.54	50.13	32.67	9.26	8.05	6.8	2.223	102.3	1.7	0.9	0.4
138	2/1/2014 22:16:04	10.56	50.14	32.68	9.21	8.05	7.6	2.342	101.8	2.2	1.2	0.5
139	2/1/2014 22:31:04	10.54	50.23	32.74	9.15	8.04	9.4	2.458	101.1	1.9	1.0	0.4
140	2/1/2014 22:46:04	10.53	50.25	32.76	9.17	8.04	10.6	2.587	101.3	2.2	1.2	0.5
141	2/1/2014 23:01:04	10.53	50.29	32.78	9.10	8.04	12.6	2.703	100.5	3.0	1.7	0.7
142	2/1/2014 23:16:04	10.48	50.39	32.85	9.08	8.04	12.8	2.820	100.3	2.4	1.3	0.6
143	2/1/2014 23:31:04	10.46	50.49	32.92	9.09	8.04	16.7	2.934	100.3	2.4	1.3	0.6
144	2/1/2014 23:46:04	10.36	50.62	33.02	9.06	8.04	14.5	3.050	99.9	2.4	1.3	0.6
145	2/2/2014 0:01:04	10.31	50.70	33.07	9.03	8.04	15.5	3.167	99.5	2.6	1.4	0.6
146	2/2/2014 0:16:04	10.28	50.73	33.09	8.96	8.04	16.3	3.276	98.7	2.4	1.3	0.6
147	2/2/2014 0:31:04	10.25	50.81	33.15	8.83	8.03	12.7	3.389	97.3	2.0	1.1	0.5
148	2/2/2014 0:46:04	10.20	50.88	33.19	8.68	8.03	12.6	3.496	95.5	1.7	0.9	0.4
149	2/2/2014 1:01:04	10.16	50.94	33.23	8.55	8.02	11.4	3.585	93.9	1.7	0.9	0.4
150	2/2/2014 1:16:04	10.14	50.98	33.26	8.50	8.02	9.5	3.660	93.4	2.3	1.3	0.6
151	2/2/2014 1:31:04	10.11	50.97	33.25	8.51	8.02	6.4	3.727	93.5	1.7	0.9	0.4
152	2/2/2014 1:46:04	10.06	50.91	33.20	8.48	8.02	5.4	3.770	93.0	1.9	1.0	0.4
153	2/2/2014 2:01:04	10.06	50.81	33.13	8.42	8.01	6.3	3.787	92.4	1.9	1.0	0.4
154	2/2/2014 2:16:04	10.16	50.74	33.09	8.69	8.02	5.5	3.774	95.4	2.2	1.2	0.5
155	2/2/2014 2:31:04	10.17	50.81	33.14	8.66	8.02	6.6	3.743	95.2	2.0	1.1	0.5
156	2/2/2014 2:46:04	10.12	50.85	33.17	8.56	8.02	7.7	3.662	94.0	1.9	1.0	0.5
157	2/2/2014 3:01:04	10.18	50.76	33.10	8.70	8.02	7.8	3.562	95.6	2.0	1.1	0.5
158	2/2/2014 3:16:04	10.10	50.97	33.25	8.46	8.01	7.6	3.451	92.9	1.6	0.9	0.4
159	2/2/2014 3:31:04	10.20	50.74	33.09	8.73	8.02	8.1	3.332	96.0	2.1	1.2	0.5
160	2/2/2014 3:46:04	10.19	50.63	33.01	8.79	8.02	9.4	3.214	96.6	2.3	1.3	0.5
161	2/2/2014 4:01:04	10.18	50.70	33.06	8.77	8.02	14.7	3.087	96.3	2.1	1.2	0.5
162	2/2/2014 4:16:04	10.18	50.62	33.00	8.82	8.03	12.0	2.974	96.9	2.7	1.5	0.6
163	2/2/2014 4:31:04	10.19	50.53	32.94	8.79	8.02	10.5	2.864	96.5	2.2	1.2	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
164	2/2/2014 4:46:04	10.21	50.54	32.94	8.76	8.02	9.7	2.736	96.3	1.6	0.9	0.4
165	2/2/2014 5:01:04	10.18	50.63	33.01	8.78	8.02	7.3	2.624	96.4	2.0	1.1	0.5
166	2/2/2014 5:16:04	10.21	50.58	32.98	8.75	8.02	7.8	2.513	96.1	1.9	1.0	0.5
167	2/2/2014 5:31:04	10.22	50.53	32.94	8.80	8.02	7.6	2.414	96.7	1.7	0.9	0.4
168	2/2/2014 5:46:04	10.21	50.48	32.90	8.78	8.02	6.8	2.306	96.4	1.9	1.0	0.4
169	2/2/2014 6:01:04	10.16	50.47	32.89	8.78	8.02	5.4	2.197	96.3	2.0	1.1	0.5
170	2/2/2014 6:16:04	10.19	50.36	32.81	8.81	8.02	5.9	2.102	96.7	1.5	0.8	0.3
171	2/2/2014 6:31:04	10.14	50.34	32.80	8.79	8.01	5.7	1.998	96.3	1.1	0.6	0.3
172	2/2/2014 6:46:04	10.08	50.33	32.79	8.69	8.01	5.2	1.920	95.1	1.1	0.6	0.3
173	2/2/2014 7:01:04	10.10	50.22	32.71	8.70	8.01	5.0	1.864	95.3	1.5	0.8	0.4
174	2/2/2014 7:16:04	10.14	50.17	32.67	8.71	8.01	4.8	1.815	95.4	1.0	0.6	0.2
175	2/2/2014 7:31:04	10.15	50.13	32.65	8.69	8.01	3.6	1.799	95.2	1.2	0.7	0.3
176	2/2/2014 7:46:04	10.12	50.17	32.67	8.75	8.01	4.2	1.796	95.8	1.4	0.8	0.3
177	2/2/2014 8:01:04	10.14	50.07	32.60	8.78	8.01	3.7	1.835	96.1	0.9	0.5	0.2
178	2/2/2014 8:16:04	10.12	50.01	32.56	8.73	8.01	4.3	1.885	95.5	1.1	0.6	0.3
179	2/2/2014 8:31:04	10.11	49.96	32.52	8.78	8.01	4.8	1.959	96.0	1.8	1.0	0.4
180	2/2/2014 8:46:04	9.98	49.90	32.46	8.77	8.00	6.5	2.055	95.5	1.4	0.8	0.3
181	2/2/2014 9:01:04	9.89	49.81	32.40	8.75	8.00	7.2	2.169	95.1	1.8	1.0	0.4
182	2/2/2014 9:16:04	10.03	50.03	32.57	8.75	8.01	6.0	2.256	95.5	1.4	0.8	0.3
183	2/2/2014 9:31:04	10.06	50.08	32.60	8.73	8.01	5.8	2.365	95.4	0.9	0.5	0.2
184	2/2/2014 9:46:04	10.13	50.28	32.75	8.70	8.01	6.2	2.472	95.3	1.4	0.8	0.3
185	2/2/2014 10:01:04	10.18	50.40	32.84	8.67	8.01	5.6	2.560	95.1	1.2	0.7	0.3
186	2/2/2014 10:16:04	10.22	50.45	32.88	8.68	8.01	6.1	2.656	95.3	1.8	1.0	0.4
187	2/2/2014 10:31:04	10.22	50.46	32.89	8.71	8.02	6.8	2.754	95.6	1.4	0.8	0.3
188	2/2/2014 10:46:04	10.21	50.52	32.93	8.70	8.02	7.6	2.849	95.6	1.5	0.8	0.4
189	2/2/2014 11:01:04	10.20	50.55	32.95	8.69	8.02	8.2	2.941	95.5	1.9	1.0	0.4
190	2/2/2014 11:16:04	10.19	50.55	32.95	8.67	8.02	9.6	3.043	95.3	1.4	0.8	0.3
191	2/2/2014 11:31:04	10.16	50.60	32.98	8.60	8.01	9.3	3.150	94.3	1.7	0.9	0.4
192	2/2/2014 11:46:04	10.13	50.64	33.01	8.59	8.01	11.2	3.231	94.2	1.8	1.0	0.4
193	2/2/2014 12:01:04	10.11	50.77	33.11	8.53	8.01	11.1	3.347	93.6	1.9	1.0	0.4
194	2/2/2014 12:16:04	10.10	50.81	33.14	8.53	8.01	12.3	3.440	93.6	1.7	0.9	0.4
195	2/2/2014 12:31:04	10.07	50.88	33.18	8.47	8.02	11.7	3.535	92.9	2.5	1.4	0.6
196	2/2/2014 12:46:04	10.06	50.90	33.20	8.44	8.01	9.0	3.605	92.6	2.0	1.1	0.5
197	2/2/2014 13:01:04	10.07	50.90	33.20	8.44	8.02	7.6	3.673	92.6	1.7	0.9	0.4
198	2/2/2014 13:16:04	10.08	50.94	33.23	8.42	8.02	6.2	3.727	92.4	2.0	1.1	0.5
199	2/2/2014 13:31:04	10.09	50.95	33.23	8.39	8.01	6.0	3.765	92.1	1.2	0.7	0.3
200	2/2/2014 13:46:04	10.11	50.95	33.23	8.34	8.01	4.2	3.775	91.6	1.6	0.9	0.4
201	2/2/2014 14:01:04	10.19	50.86	33.17	8.59	8.02	5.1	3.777	94.5	1.6	0.9	0.4
202	2/2/2014 14:16:04	10.17	50.81	33.14	8.62	8.02	8.1	3.735	94.8	1.7	0.9	0.4
203	2/2/2014 14:31:04	10.16	50.89	33.20	8.55	8.02	5.9	3.676	94.0	1.5	0.8	0.4
204	2/2/2014 14:46:04	10.24	50.87	33.18	8.60	8.03	5.9	3.591	94.6	1.7	0.9	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
205	2/2/2014 15:01:04	10.27	50.91	33.22	8.77	8.04	6.8	3.492	96.7	1.8	1.0	0.4
206	2/2/2014 15:16:04	10.31	50.75	33.11	8.79	8.03	6.8	3.388	96.9	2.2	1.2	0.5
207	2/2/2014 15:31:04	10.34	50.84	33.17	8.80	8.03	9.1	3.265	97.1	1.9	1.0	0.4
208	2/2/2014 15:46:04	10.33	50.78	33.13	8.79	8.03	13.3	3.129	97.0	2.1	1.2	0.5
209	2/2/2014 16:01:04	10.35	50.75	33.11	8.75	8.03	15.0	3.003	96.5	2.7	1.5	0.7
210	2/2/2014 16:16:04	10.41	50.65	33.04	8.83	8.03	18.8	2.896	97.5	2.4	1.3	0.6
211	2/2/2014 16:31:04	10.38	50.61	33.01	8.91	8.04	26.1	2.762	98.3	3.0	1.7	0.7
212	2/2/2014 16:46:04	10.31	50.67	33.05	8.89	8.04	32.6	2.625	97.9	3.9	2.1	0.9
213	2/2/2014 17:01:04	10.23	50.61	33.00	8.84	8.03	41.1	2.491	97.2	4.3	2.4	1.0
214	2/2/2014 17:16:04	10.23	50.64	33.02	8.82	8.03	43.3	2.362	97.0	4.4	2.4	1.1
215	2/2/2014 17:31:04	10.26	50.54	32.95	8.89	8.03	44.8	2.223	97.7	4.5	2.5	1.1
216	2/2/2014 17:46:04	10.32	50.35	32.81	8.98	8.03	49.9	2.067	98.8	4.1	2.3	1.0
217	2/2/2014 18:01:04	10.30	50.32	32.79	9.00	8.03	45.9	1.922	99.0	4.5	2.5	1.1
218	2/2/2014 18:16:04	10.24	50.35	32.81	9.04	8.04	38.1	1.800	99.3	3.9	2.1	0.9
219	2/2/2014 18:31:04	10.26	50.27	32.76	9.06	8.04	34.3	1.656	99.5	4.6	2.5	1.1
220	2/2/2014 18:46:04	10.29	50.27	32.75	9.06	8.04	32.8	1.527	99.5	4.1	2.3	1.0
221	2/2/2014 19:01:04	10.29	50.24	32.74	9.04	8.04	25.4	1.424	99.3	3.4	1.9	0.8
222	2/2/2014 19:16:04	10.29	50.26	32.75	9.01	8.04	23.0	1.335	99.0	3.7	2.0	0.9
223	2/2/2014 19:31:04	10.26	50.22	32.72	8.97	8.03	17.4	1.281	98.5	3.8	2.1	0.9
224	2/2/2014 19:46:04	10.17	50.27	32.75	8.99	8.03	16.6	1.259	98.5	3.2	1.8	0.8
225	2/2/2014 20:01:04	10.21	50.27	32.75	9.04	8.04	15.9	1.267	99.1	3.2	1.8	0.8
226	2/2/2014 20:16:04	10.25	50.17	32.68	9.17	8.04	16.3	1.332	100.6	3.4	1.9	0.8
227	2/2/2014 20:31:04	10.23	49.95	32.52	9.18	8.04	17.9	1.418	100.6	4.0	2.2	0.9
228	2/2/2014 20:46:04	10.21	49.96	32.53	9.10	8.03	19.8	1.518	99.7	4.2	2.3	1.0
229	2/2/2014 21:01:04	10.06	49.66	32.30	9.15	8.02	18.3	1.622	99.8	3.0	1.7	0.7
230	2/2/2014 21:16:04	10.02	49.52	32.20	9.14	8.01	19.5	1.745	99.5	3.4	1.9	0.8
231	2/2/2014 21:31:04	10.16	49.85	32.45	9.11	8.02	18.8	1.854	99.7	3.4	1.9	0.8
232	2/2/2014 21:46:04	10.18	49.93	32.50	9.09	8.03	14.8	1.959	99.5	3.0	1.7	0.7
233	2/2/2014 22:01:04	10.20	49.98	32.54	9.10	8.03	12.8	2.070	99.7	2.7	1.5	0.6
234	2/2/2014 22:16:04	10.29	50.01	32.57	9.12	8.04	18.2	2.197	100.1	3.1	1.7	0.7
235	2/2/2014 22:31:04	10.34	50.19	32.70	9.06	8.04	18.9	2.306	99.6	2.9	1.6	0.7
236	2/2/2014 22:46:04	10.36	50.26	32.75	9.07	8.04	14.8	2.405	99.9	2.6	1.4	0.6
237	2/2/2014 23:01:04	10.36	50.31	32.79	9.07	8.04	13.6	2.528	99.9	2.3	1.3	0.6
238	2/2/2014 23:16:04	10.35	50.35	32.82	9.01	8.04	14.5	2.647	99.2	3.0	1.7	0.7
239	2/2/2014 23:31:04	10.35	50.38	32.84	8.98	8.04	17.7	2.745	98.8	3.1	1.7	0.7
240	2/2/2014 23:46:04	10.36	50.42	32.87	8.95	8.03	18.6	2.853	98.6	2.8	1.5	0.7
241	2/3/2014 0:01:04	10.35	50.46	32.90	8.93	8.03	21.3	2.972	98.3	2.8	1.5	0.7
242	2/3/2014 0:16:04	10.28	50.61	33.00	8.91	8.03	23.1	3.081	98.1	2.8	1.5	0.7
243	2/3/2014 0:31:04	10.24	50.69	33.06	8.90	8.03	20.3	3.189	97.9	3.4	1.9	0.8
244	2/3/2014 0:46:04	10.22	50.71	33.07	8.94	8.03	14.4	3.300	98.3	2.3	1.3	0.5
245	2/3/2014 1:01:04	10.20	50.74	33.09	8.93	8.03	16.2	3.416	98.1	2.8	1.5	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
246	2/3/2014 1:16:04	10.19	50.75	33.09	8.93	8.03	13.4	3.514	98.2	2.5	1.4	0.6
247	2/3/2014 1:31:04	10.18	50.77	33.11	8.92	8.03	11.6	3.615	98.0	1.9	1.0	0.5
248	2/3/2014 1:46:04	10.17	50.83	33.15	8.94	8.04	16.4	3.704	98.2	2.2	1.2	0.5
249	2/3/2014 2:01:04	10.16	50.84	33.16	8.94	8.04	7.8	3.767	98.3	2.6	1.4	0.6
250	2/3/2014 2:16:04	10.13	50.81	33.14	8.88	8.04	5.7	3.816	97.5	2.4	1.3	0.6
251	2/3/2014 2:31:04	10.08	50.62	32.99	8.82	8.03	5.2	3.858	96.6	2.3	1.3	0.6
252	2/3/2014 2:46:04	10.15	50.72	33.07	8.77	8.03	5.7	3.854	96.3	1.9	1.0	0.5
253	2/3/2014 3:01:04	10.15	50.72	33.07	8.79	8.02	9.0	3.824	96.5	2.7	1.5	0.6
254	2/3/2014 3:16:04	10.12	50.71	33.06	8.84	8.03	6.6	3.775	97.0	2.0	1.1	0.5
255	2/3/2014 3:31:04	10.13	50.70	33.05	8.86	8.03	13.4	3.681	97.2	2.7	1.5	0.6
256	2/3/2014 3:46:04	10.14	50.79	33.12	8.88	8.03	9.2	3.586	97.5	2.4	1.3	0.6
257	2/3/2014 4:01:04	10.14	50.75	33.09	8.85	8.03	8.9	3.479	97.2	2.1	1.2	0.5
258	2/3/2014 4:16:04	10.14	50.73	33.08	8.84	8.03	10.8	3.366	97.0	1.9	1.0	0.5
259	2/3/2014 4:31:04	10.11	50.64	33.01	8.84	8.03	15.0	3.254	96.9	3.0	1.7	0.7
260	2/3/2014 4:46:04	10.11	50.66	33.02	8.84	8.03	14.9	3.136	96.9	2.9	1.6	0.7
261	2/3/2014 5:01:04	10.09	50.59	32.97	8.81	8.02	13.6	3.027	96.6	2.1	1.2	0.5
262	2/3/2014 5:16:04	10.09	50.46	32.88	8.77	8.02	12.0	2.909	96.1	2.0	1.1	0.5
263	2/3/2014 5:31:04	10.08	50.52	32.92	8.76	8.02	9.0	2.794	95.9	1.8	1.0	0.4
264	2/3/2014 5:46:05	10.08	50.58	32.97	8.75	8.02	8.8	2.682	95.9	1.9	1.0	0.5
265	2/3/2014 6:01:04	10.09	50.55	32.95	8.75	8.02	7.5	2.564	95.9	1.9	1.0	0.4
266	2/3/2014 6:16:04	10.02	50.62	32.99	8.74	8.02	6.4	2.455	95.7	1.4	0.8	0.3
267	2/3/2014 6:31:04	10.02	50.49	32.90	8.72	8.02	7.2	2.336	95.4	1.4	0.8	0.3
268	2/3/2014 6:46:04	10.00	50.37	32.81	8.69	8.01	8.2	2.227	95.0	1.7	0.9	0.4
269	2/3/2014 7:01:04	9.96	50.28	32.74	8.67	8.01	8.9	2.123	94.6	2.4	1.3	0.6
270	2/3/2014 7:16:04	9.91	50.30	32.75	8.62	8.00	7.6	2.010	94.0	1.9	1.0	0.4
271	2/3/2014 7:31:04	9.89	50.29	32.74	8.62	8.00	8.6	1.927	94.0	1.5	0.8	0.4
272	2/3/2014 7:46:05	9.81	50.30	32.74	8.65	8.00	7.3	1.846	94.1	1.9	1.0	0.4
273	2/3/2014 8:01:04	9.85	50.26	32.72	8.65	8.00	7.0	1.792	94.1	2.0	1.1	0.5
274	2/3/2014 8:16:04	9.91	50.21	32.69	8.63	8.00	5.5	1.758	94.0	1.5	0.8	0.4
275	2/3/2014 8:31:04	9.86	50.25	32.71	8.63	8.00	6.5	1.751	94.0	2.0	1.1	0.5
276	2/3/2014 8:46:04	9.88	50.22	32.69	8.67	8.00	6.5	1.776	94.4	2.0	1.1	0.5
277	2/3/2014 9:01:04	9.92	50.13	32.63	8.67	8.01	6.2	1.817	94.5	1.5	0.8	0.4
278	2/3/2014 9:16:04	9.70	49.93	32.47	8.52	7.98	7.7	1.889	92.3	2.6	1.4	0.6
279	2/3/2014 9:31:04	9.77	49.96	32.50	8.56	7.99	7.7	1.963	92.8	2.0	1.1	0.5
280	2/3/2014 9:46:04	9.58	49.75	32.33	8.62	7.98	9.7	2.076	93.0	1.9	1.0	0.5
281	2/3/2014 10:01:04	9.67	49.84	32.40	8.63	7.98	9.9	2.169	93.4	2.3	1.3	0.5
282	2/3/2014 10:16:04	9.80	49.98	32.51	8.65	7.99	7.8	2.264	93.9	1.8	1.0	0.4
283	2/3/2014 10:31:04	9.87	50.03	32.55	8.67	8.00	7.3	2.365	94.3	1.9	1.0	0.5
284	2/3/2014 10:46:04	9.99	50.23	32.71	8.65	8.01	6.7	2.455	94.4	2.0	1.1	0.5
285	2/3/2014 11:01:04	10.10	50.34	32.79	8.73	8.02	6.5	2.557	95.5	2.2	1.2	0.5
286	2/3/2014 11:16:04	10.14	50.40	32.84	8.76	8.02	5.7	2.631	96.0	2.0	1.1	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
287	2/3/2014 11:31:04	10.16	50.39	32.83	8.79	8.02	6.2	2.720	96.4	1.5	0.8	0.4
288	2/3/2014 11:46:04	10.17	50.41	32.85	8.81	8.02	6.4	2.807	96.6	1.6	0.9	0.4
289	2/3/2014 12:01:04	10.17	50.45	32.88	8.80	8.02	6.7	2.880	96.6	1.6	0.9	0.4
290	2/3/2014 12:16:04	10.19	50.47	32.89	8.81	8.02	7.0	2.967	96.7	2.0	1.1	0.5
291	2/3/2014 12:31:04	10.20	50.48	32.90	8.81	8.02	7.4	3.052	96.7	1.9	1.0	0.4
292	2/3/2014 12:46:04	10.18	50.50	32.92	8.79	8.02	8.7	3.128	96.5	2.0	1.1	0.5
293	2/3/2014 13:01:04	10.18	50.54	32.95	8.80	8.02	8.6	3.210	96.6	2.2	1.2	0.5
294	2/3/2014 13:16:04	10.19	50.59	32.98	8.84	8.03	9.7	3.294	97.1	2.0	1.1	0.5
295	2/3/2014 13:31:04	10.22	50.66	33.03	8.87	8.03	8.1	3.365	97.5	1.8	1.0	0.4
296	2/3/2014 13:46:04	10.22	50.69	33.06	8.87	8.03	8.2	3.435	97.6	2.2	1.2	0.5
297	2/3/2014 14:01:04	10.23	50.71	33.07	8.86	8.03	7.1	3.489	97.4	2.1	1.2	0.5
298	2/3/2014 14:16:04	10.24	50.71	33.07	8.85	8.03	4.9	3.538	97.3	2.0	1.1	0.5
299	2/3/2014 14:31:04	10.25	50.73	33.09	8.82	8.03	3.7	3.557	97.0	2.0	1.1	0.5
300	2/3/2014 14:46:04	10.40	50.67	33.05	9.02	8.05	4.6	3.556	99.5	1.5	0.8	0.4
301	2/3/2014 15:01:04	10.31	50.69	33.06	8.93	8.04	5.9	3.535	98.4	1.8	1.0	0.4
302	2/3/2014 15:16:04	10.35	50.62	33.02	9.10	8.05	6.8	3.490	100.3	2.3	1.3	0.5
303	2/3/2014 15:31:04	10.30	50.64	33.02	8.93	8.04	7.3	3.423	98.4	2.0	1.1	0.5
304	2/3/2014 15:46:04	10.33	50.64	33.03	9.16	8.05	7.5	3.330	100.9	1.8	1.0	0.4
305	2/3/2014 16:01:04	10.33	50.60	33.00	9.09	8.05	9.8	3.228	100.1	2.2	1.2	0.5
306	2/3/2014 16:16:04	10.34	50.57	32.97	9.09	8.04	9.5	3.133	100.2	2.2	1.2	0.5
307	2/3/2014 16:31:04	10.34	50.53	32.95	9.06	8.04	10.3	3.022	99.8	2.3	1.3	0.5
308	2/3/2014 16:46:04	10.36	50.42	32.87	9.10	8.04	11.9	2.917	100.2	2.6	1.4	0.6
309	2/3/2014 17:01:04	10.38	50.45	32.89	9.14	8.05	11.7	2.805	100.7	2.7	1.5	0.7
310	2/3/2014 17:16:04	10.36	50.42	32.87	9.12	8.05	13.0	2.694	100.5	2.5	1.4	0.6
311	2/3/2014 17:31:04	10.32	50.42	32.87	9.11	8.05	12.8	2.596	100.2	2.2	1.2	0.5
312	2/3/2014 17:46:04	10.24	50.45	32.88	9.07	8.04	13.8	2.471	99.6	2.5	1.4	0.6
313	2/3/2014 18:01:04	10.15	50.47	32.89	9.00	8.03	16.2	2.348	98.7	2.2	1.2	0.5
314	2/3/2014 18:16:04	10.14	50.39	32.83	8.98	8.03	17.0	2.231	98.4	3.0	1.7	0.7
315	2/3/2014 18:31:04	10.14	50.34	32.80	8.97	8.03	17.9	2.109	98.3	2.9	1.6	0.7
316	2/3/2014 18:46:04	10.12	50.29	32.76	8.97	8.03	16.9	1.985	98.2	2.6	1.4	0.6
317	2/3/2014 19:01:04	10.01	50.34	32.79	8.97	8.04	17.3	1.876	98.0	2.5	1.4	0.6
318	2/3/2014 19:16:04	9.98	50.33	32.78	8.97	8.03	15.9	1.764	97.9	2.7	1.5	0.7
319	2/3/2014 19:31:04	9.97	50.30	32.76	8.94	8.03	15.2	1.667	97.6	2.6	1.4	0.6
320	2/3/2014 19:46:04	9.99	50.24	32.71	8.92	8.03	14.5	1.595	97.4	2.9	1.6	0.7
321	2/3/2014 20:01:04	10.03	50.21	32.70	8.92	8.03	11.5	1.530	97.5	2.7	1.5	0.6
322	2/3/2014 20:16:04	10.06	50.16	32.66	8.97	8.03	10.6	1.506	98.1	2.6	1.4	0.6
323	2/3/2014 20:31:04	9.99	50.19	32.68	8.93	8.03	10.5	1.505	97.4	3.2	1.8	0.8
324	2/3/2014 20:46:05	10.06	50.14	32.64	9.07	8.04	11.0	1.526	99.1	2.6	1.4	0.6
325	2/3/2014 21:01:04	10.10	50.08	32.60	9.13	8.04	11.2	1.574	99.8	3.0	1.7	0.7
326	2/3/2014 21:16:04	10.04	49.95	32.51	9.14	8.03	14.7	1.660	99.7	2.3	1.3	0.5
327	2/3/2014 21:31:04	10.07	49.98	32.53	9.14	8.03	13.9	1.734	99.8	2.7	1.5	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
328	2/3/2014 21:46:04	9.89	49.50	32.17	9.16	8.01	13.4	1.836	99.4	2.2	1.2	0.5
329	2/3/2014 22:01:04	9.91	49.53	32.19	9.13	8.00	13.6	1.939	99.2	1.7	0.9	0.4
330	2/3/2014 22:16:04	10.04	49.84	32.43	9.04	8.01	13.1	2.026	98.6	2.5	1.4	0.6
331	2/3/2014 22:31:04	10.07	49.90	32.47	9.00	8.01	11.2	2.130	98.3	2.4	1.3	0.6
332	2/3/2014 22:46:04	10.11	49.94	32.51	8.96	8.01	11.2	2.234	98.0	2.4	1.3	0.6
333	2/3/2014 23:01:04	10.16	50.10	32.63	8.99	8.03	11.5	2.329	98.4	2.4	1.3	0.6
334	2/3/2014 23:16:04	10.17	50.18	32.69	9.05	8.03	8.5	2.428	99.1	1.9	1.0	0.5
335	2/3/2014 23:31:04	10.19	50.24	32.73	9.09	8.04	8.5	2.538	99.7	1.9	1.0	0.5
336	2/3/2014 23:46:04	10.20	50.32	32.79	9.14	8.05	8.2	2.636	100.2	2.0	1.1	0.5
337	2/4/2014 0:01:04	10.21	50.32	32.78	9.08	8.04	9.0	2.736	99.7	1.9	1.0	0.5
338	2/4/2014 0:16:04	10.22	50.36	32.82	9.03	8.04	10.7	2.835	99.1	2.0	1.1	0.5
339	2/4/2014 0:31:04	10.23	50.35	32.81	9.04	8.04	13.0	2.936	99.2	2.4	1.3	0.6
340	2/4/2014 0:46:04	10.23	50.44	32.87	9.06	8.04	14.7	3.040	99.5	2.2	1.2	0.5
341	2/4/2014 1:01:04	10.21	50.52	32.93	9.06	8.04	15.6	3.134	99.5	2.6	1.4	0.6
342	2/4/2014 1:16:04	10.18	50.61	33.00	9.02	8.04	15.6	3.242	99.0	2.4	1.3	0.6
343	2/4/2014 1:31:04	10.16	50.67	33.04	9.01	8.04	15.6	3.349	98.9	2.7	1.5	0.6
344	2/4/2014 1:46:04	10.13	50.70	33.06	9.02	8.04	15.1	3.446	99.0	2.8	1.5	0.7
345	2/4/2014 2:01:04	10.13	50.74	33.09	9.02	8.04	13.7	3.538	99.0	2.5	1.4	0.6
346	2/4/2014 2:16:04	10.11	50.79	33.12	9.02	8.04	13.6	3.631	99.0	2.4	1.3	0.6
347	2/4/2014 2:31:04	10.08	50.83	33.15	9.01	8.04	10.0	3.694	98.8	2.1	1.2	0.5
348	2/4/2014 2:46:04	10.07	50.86	33.17	8.97	8.04	6.8	3.758	98.4	2.0	1.1	0.5
349	2/4/2014 3:01:04	10.00	50.81	33.13	8.91	8.03	6.1	3.803	97.5	1.7	0.9	0.4
350	2/4/2014 3:16:04	9.96	50.79	33.11	8.83	8.03	4.5	3.818	96.5	2.6	1.4	0.6
351	2/4/2014 3:31:04	10.01	50.84	33.15	8.83	8.03	5.7	3.824	96.7	1.7	0.9	0.4
352	2/4/2014 3:46:04	9.99	50.71	33.06	8.82	8.03	5.3	3.796	96.5	2.0	1.1	0.5
353	2/4/2014 4:01:04	9.94	50.73	33.07	8.91	8.03	7.2	3.725	97.3	2.5	1.4	0.6
354	2/4/2014 4:16:04	9.97	50.69	33.04	8.90	8.03	7.3	3.664	97.4	2.2	1.2	0.5
355	2/4/2014 4:31:04	9.98	50.81	33.13	8.93	8.03	7.0	3.570	97.7	1.9	1.0	0.4
356	2/4/2014 4:46:05	9.95	50.80	33.12	8.92	8.04	6.9	3.463	97.5	2.3	1.3	0.5
357	2/4/2014 5:01:04	9.97	50.71	33.06	8.91	8.03	7.0	3.365	97.4	1.8	1.0	0.4
358	2/4/2014 5:16:04	9.92	50.62	32.98	8.87	8.03	11.2	3.251	96.9	2.2	1.2	0.5
359	2/4/2014 5:31:05	9.82	50.54	32.92	8.90	8.03	11.1	3.134	97.0	2.3	1.3	0.5
360	2/4/2014 5:46:05	9.65	50.45	32.85	8.77	8.02	9.3	3.031	95.1	2.0	1.1	0.5
361	2/4/2014 6:01:04	9.72	50.44	32.84	8.84	8.03	9.8	2.933	96.0	1.7	0.9	0.4
362	2/4/2014 6:16:04	9.73	50.47	32.87	8.86	8.03	7.9	2.818	96.2	1.9	1.0	0.4
363	2/4/2014 6:31:04	9.80	50.52	32.90	8.84	8.03	6.4	2.715	96.2	2.0	1.1	0.5
364	2/4/2014 6:46:04	9.76	50.61	32.96	8.82	8.02	5.9	2.607	96.0	1.9	1.0	0.4
365	2/4/2014 7:01:05	9.73	50.56	32.92	8.82	8.02	6.4	2.487	95.8	1.5	0.8	0.4
366	2/4/2014 7:16:04	9.66	50.56	32.92	8.76	8.02	5.1	2.386	95.0	1.5	0.8	0.4
367	2/4/2014 7:31:04	9.59	50.46	32.84	8.73	8.01	6.2	2.265	94.6	1.8	1.0	0.4
368	2/4/2014 7:46:04	9.48	50.42	32.81	8.70	8.01	6.7	2.163	94.0	1.9	1.0	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
369	2/4/2014 8:01:04	9.45	50.39	32.79	8.72	8.01	7.0	2.065	94.1	1.8	1.0	0.4
370	2/4/2014 8:16:04	9.41	50.31	32.72	8.72	8.01	6.2	1.959	94.0	1.2	0.7	0.3
371	2/4/2014 8:31:04	9.40	50.34	32.74	8.70	8.01	6.7	1.876	93.8	1.9	1.0	0.4
372	2/4/2014 8:46:04	9.40	50.33	32.73	8.76	8.01	5.1	1.822	94.4	1.4	0.8	0.3
373	2/4/2014 9:01:04	9.46	50.25	32.68	8.80	8.01	4.8	1.775	94.9	1.8	1.0	0.4
374	2/4/2014 9:16:05	9.47	50.32	32.74	8.66	8.02	4.4	1.755	93.4	1.5	0.8	0.4
375	2/4/2014 9:31:05	9.52	50.27	32.70	8.77	8.02	4.7	1.756	94.8	2.4	1.3	0.6
376	2/4/2014 9:46:04	9.54	50.25	32.69	8.81	8.02	4.5	1.791	95.2	1.6	0.9	0.4
377	2/4/2014 10:01:04	9.56	50.18	32.64	8.80	8.02	4.9	1.838	95.1	1.9	1.0	0.4
378	2/4/2014 10:16:04	9.55	50.19	32.65	8.77	8.01	5.3	1.903	94.8	2.1	1.2	0.5
379	2/4/2014 10:31:04	9.52	50.16	32.62	8.72	8.00	6.3	1.984	94.2	2.0	1.1	0.5
380	2/4/2014 10:46:05	9.12	49.87	32.39	8.62	7.98	8.4	2.075	92.2	1.5	0.8	0.4
381	2/4/2014 11:01:05	9.31	50.00	32.49	8.63	7.99	7.3	2.169	92.7	1.4	0.8	0.3
382	2/4/2014 11:16:05	9.42	50.05	32.54	8.65	7.99	6.7	2.243	93.1	1.5	0.8	0.3
383	2/4/2014 11:31:04	9.43	49.99	32.50	8.63	7.99	6.5	2.322	93.0	2.1	1.2	0.5
384	2/4/2014 11:46:04	9.45	50.08	32.56	8.55	7.98	6.4	2.406	92.2	1.9	1.0	0.5
385	2/4/2014 12:01:04	9.67	50.29	32.73	8.65	8.00	5.3	2.483	93.8	1.6	0.9	0.4
386	2/4/2014 12:16:04	9.80	50.38	32.80	8.73	8.01	5.1	2.548	94.9	1.6	0.9	0.4
387	2/4/2014 12:31:04	9.89	50.40	32.82	8.78	8.02	4.8	2.623	95.7	1.9	1.0	0.4
388	2/4/2014 12:46:04	9.92	50.41	32.83	8.84	8.02	4.5	2.696	96.4	1.5	0.8	0.4
389	2/4/2014 13:01:04	9.93	50.43	32.85	8.86	8.02	4.8	2.764	96.7	1.8	1.0	0.4
390	2/4/2014 13:16:05	9.93	50.47	32.88	8.83	8.03	4.4	2.830	96.4	1.6	0.9	0.4
391	2/4/2014 13:31:04	9.96	50.43	32.85	8.85	8.02	4.7	2.901	96.6	2.1	1.2	0.5
392	2/4/2014 13:46:04	9.98	50.49	32.89	8.88	8.03	5.1	2.970	97.0	1.8	1.0	0.4
393	2/4/2014 14:01:04	9.99	50.51	32.91	8.89	8.03	5.0	3.034	97.1	2.0	1.1	0.5
394	2/4/2014 14:16:04	9.98	50.54	32.93	8.89	8.03	5.2	3.098	97.2	2.1	1.2	0.5
395	2/4/2014 14:31:04	9.98	50.55	32.94	8.91	8.03	5.1	3.156	97.3	1.8	1.0	0.4
396	2/4/2014 14:46:04	9.99	50.59	32.97	8.92	8.03	4.7	3.211	97.5	2.8	1.5	0.7
397	2/4/2014 15:01:04	10.00	50.64	33.00	8.93	8.03	4.3	3.257	97.6	1.9	1.0	0.5
398	2/4/2014 15:16:05	10.02	50.65	33.01	8.88	8.04	3.5	3.282	97.2	1.7	0.9	0.4
399	2/4/2014 15:31:04	10.14	50.54	32.94	8.89	8.03	3.6	3.311	97.5	1.6	0.9	0.4
400	2/4/2014 15:46:04	10.02	50.65	33.01	8.70	8.02	3.3	3.313	95.2	1.7	0.9	0.4
401	2/4/2014 16:01:05	10.04	50.57	32.96	8.84	8.03	5.0	3.278	96.8	2.2	1.2	0.5
402	2/4/2014 16:16:04	10.05	50.62	33.00	8.98	8.04	5.9	3.239	98.4	1.7	0.9	0.4
403	2/4/2014 16:31:04	10.05	50.58	32.96	9.01	8.04	4.2	3.178	98.7	2.2	1.2	0.5
404	2/4/2014 16:46:04	10.01	50.56	32.95	9.16	8.06	5.8	3.103	100.2	1.8	1.0	0.4
405	2/4/2014 17:01:05	9.97	50.54	32.93	9.07	8.05	5.0	3.027	99.1	2.5	1.4	0.6
406	2/4/2014 17:16:04	9.95	50.49	32.89	9.05	8.04	5.9	2.930	98.8	2.2	1.2	0.5
407	2/4/2014 17:31:04	9.95	50.50	32.90	9.06	8.04	5.9	2.838	99.0	2.2	1.2	0.5
408	2/4/2014 17:46:04	9.92	50.47	32.88	9.01	8.04	6.3	2.750	98.3	1.7	0.9	0.4
409	2/4/2014 18:01:04	9.97	50.42	32.84	8.97	8.04	7.6	2.656	98.0	2.2	1.2	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
410	2/4/2014 18:16:04	9.99	50.40	32.83	9.04	8.05	7.6	2.560	98.8	2.0	1.1	0.5
411	2/4/2014 18:31:04	10.00	50.38	32.81	9.15	8.06	8.1	2.464	99.9	2.5	1.4	0.6
412	2/4/2014 18:46:04	9.86	50.35	32.79	9.14	8.07	6.8	2.370	99.5	2.3	1.3	0.5
413	2/4/2014 19:01:05	9.71	50.34	32.76	8.77	8.02	7.0	2.272	95.2	1.9	1.0	0.4
414	2/4/2014 19:16:04	9.63	50.29	32.73	8.69	8.02	7.6	2.168	94.2	2.0	1.1	0.5
415	2/4/2014 19:31:05	9.67	50.30	32.73	8.67	8.01	7.3	2.075	94.0	2.0	1.1	0.5
416	2/4/2014 19:46:04	9.58	50.29	32.72	8.74	8.02	6.6	1.996	94.5	2.0	1.1	0.5
417	2/4/2014 20:01:04	9.55	50.32	32.74	8.79	8.03	6.1	1.905	95.1	2.1	1.2	0.5
418	2/4/2014 20:16:04	9.57	50.30	32.73	8.82	8.03	5.7	1.852	95.4	2.0	1.1	0.5
419	2/4/2014 20:31:05	9.58	50.27	32.71	8.86	8.04	5.0	1.794	95.9	2.1	1.2	0.5
420	2/4/2014 20:46:05	9.62	50.21	32.67	8.88	8.04	4.7	1.766	96.1	1.9	1.0	0.4
421	2/4/2014 21:01:05	9.58	50.23	32.68	8.86	8.03	4.7	1.752	95.8	2.0	1.1	0.5
422	2/4/2014 21:16:05	9.60	50.21	32.66	8.96	8.04	4.6	1.750	97.0	2.1	1.2	0.5
423	2/4/2014 21:31:04	9.62	50.14	32.62	9.04	8.04	4.9	1.794	97.8	1.9	1.0	0.4
424	2/4/2014 21:46:04	9.60	50.16	32.63	8.97	8.03	5.3	1.835	97.0	2.4	1.3	0.6
425	2/4/2014 22:01:05	9.52	50.07	32.56	8.87	8.03	6.4	1.901	95.8	1.8	1.0	0.4
426	2/4/2014 22:16:05	9.55	50.11	32.59	8.82	8.02	6.6	1.967	95.3	2.1	1.2	0.5
427	2/4/2014 22:31:04	9.41	49.78	32.34	9.15	8.03	7.2	2.049	98.4	1.8	1.0	0.4
428	2/4/2014 22:46:04	9.50	49.90	32.44	8.96	8.02	6.5	2.140	96.6	1.6	0.9	0.4
429	2/4/2014 23:01:04	9.55	50.03	32.53	8.78	8.01	5.7	2.215	94.8	1.9	1.0	0.5
430	2/4/2014 23:16:04	9.56	50.08	32.57	8.70	8.00	5.3	2.299	94.0	1.9	1.0	0.5
431	2/4/2014 23:31:04	9.58	50.10	32.58	8.63	8.00	5.5	2.387	93.3	2.3	1.3	0.5
432	2/4/2014 23:46:04	9.72	50.22	32.68	8.66	8.01	4.8	2.469	94.0	2.3	1.3	0.5
433	2/5/2014 0:01:04	9.77	50.30	32.74	8.79	8.02	4.9	2.553	95.5	1.8	1.0	0.4
434	2/5/2014 0:16:04	9.80	50.33	32.77	8.88	8.03	4.5	2.637	96.5	1.8	1.0	0.4
435	2/5/2014 0:31:04	9.81	50.38	32.80	8.95	8.03	5.4	2.727	97.4	1.9	1.0	0.4
436	2/5/2014 0:46:04	9.84	50.43	32.84	8.96	8.03	6.1	2.814	97.6	1.7	0.9	0.4
437	2/5/2014 1:01:04	9.86	50.46	32.86	8.97	8.04	6.6	2.899	97.8	1.8	1.0	0.4
438	2/5/2014 1:16:05	9.87	50.49	32.89	8.99	8.04	6.6	2.990	98.0	2.1	1.2	0.5
439	2/5/2014 1:31:05	9.88	50.51	32.90	8.99	8.04	8.4	3.084	98.0	1.8	1.0	0.4
440	2/5/2014 1:46:05	9.86	50.62	32.98	8.98	8.04	9.8	3.170	97.9	2.0	1.1	0.5
441	2/5/2014 2:01:05	9.84	50.67	33.02	8.97	8.04	10.4	3.269	97.8	2.0	1.1	0.5
442	2/5/2014 2:16:04	9.84	50.73	33.06	8.95	8.03	8.9	3.352	97.6	2.1	1.2	0.5
443	2/5/2014 2:31:04	9.84	50.78	33.09	8.91	8.03	8.1	3.440	97.1	2.2	1.2	0.5
444	2/5/2014 2:46:04	9.82	50.82	33.12	8.87	8.03	9.1	3.528	96.7	2.7	1.5	0.6
445	2/5/2014 3:01:05	9.80	50.90	33.18	8.81	8.03	8.1	3.594	96.0	2.0	1.1	0.5
446	2/5/2014 3:16:04	9.80	50.90	33.18	8.76	8.03	6.6	3.658	95.5	2.4	1.3	0.6
447	2/5/2014 3:31:04	9.80	50.92	33.19	8.73	8.02	5.0	3.710	95.2	1.9	1.0	0.5
448	2/5/2014 3:46:04	9.78	50.93	33.20	8.63	8.02	3.1	3.739	94.1	1.6	0.9	0.4
449	2/5/2014 4:01:04	9.50	50.70	33.01	8.66	8.02	4.7	3.747	93.7	1.8	1.0	0.4
450	2/5/2014 4:16:04	9.53	50.67	32.99	8.67	8.02	5.0	3.738	93.9	1.7	0.9	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
451	2/5/2014 4:31:05	9.57	50.74	33.05	8.76	8.02	6.2	3.718	94.9	2.2	1.2	0.5
452	2/5/2014 4:46:04	9.59	50.77	33.07	8.67	8.02	5.1	3.660	94.0	2.2	1.2	0.5
453	2/5/2014 5:01:05	9.65	50.78	33.08	8.79	8.03	7.1	3.580	95.5	2.2	1.2	0.5
454	2/5/2014 5:16:04	9.67	50.85	33.14	8.77	8.02	5.6	3.506	95.3	2.3	1.3	0.5
455	2/5/2014 5:31:04	9.60	50.72	33.04	8.80	8.02	5.9	3.417	95.4	1.9	1.0	0.5
456	2/5/2014 5:46:05	9.52	50.59	32.93	8.76	8.02	6.2	3.324	94.8	1.6	0.9	0.4
457	2/5/2014 6:01:05	9.48	50.60	32.94	8.72	8.02	6.7	3.218	94.3	1.8	1.0	0.4
458	2/5/2014 6:16:04	9.33	50.53	32.88	8.69	8.01	7.5	3.112	93.6	2.0	1.1	0.5
459	2/5/2014 6:31:04	9.30	50.53	32.87	8.69	8.01	7.6	3.017	93.5	2.1	1.2	0.5
460	2/5/2014 6:46:04	9.20	50.51	32.85	8.74	8.01	6.2	2.908	93.8	1.6	0.9	0.4
461	2/5/2014 7:01:04	9.16	50.45	32.81	8.65	8.01	5.0	2.814	92.8	1.5	0.8	0.4
462	2/5/2014 7:16:05	9.42	50.61	32.94	8.79	8.02	5.9	2.705	94.9	1.6	0.9	0.4
463	2/5/2014 7:31:04	9.44	50.57	32.91	8.77	8.02	5.3	2.596	94.7	1.6	0.9	0.4
464	2/5/2014 7:46:04	9.29	50.66	32.97	8.75	8.01	4.3	2.502	94.3	1.6	0.9	0.4
465	2/5/2014 8:01:04	9.23	50.58	32.90	8.69	8.01	4.3	2.404	93.4	1.5	0.8	0.4
466	2/5/2014 8:16:05	9.15	50.49	32.83	8.69	8.01	5.4	2.274	93.2	1.7	0.9	0.4
467	2/5/2014 8:31:04	9.11	50.48	32.83	8.76	8.01	5.0	2.181	93.9	1.5	0.8	0.4
468	2/5/2014 8:46:05	9.14	50.45	32.80	8.80	8.02	4.4	2.095	94.3	1.6	0.9	0.4
469	2/5/2014 9:01:04	9.06	50.47	32.81	8.92	8.02	4.0	1.992	95.4	1.3	0.7	0.3
470	2/5/2014 9:16:05	9.07	50.42	32.77	8.95	8.03	3.9	1.908	95.8	2.4	1.3	0.6
471	2/5/2014 9:31:05	9.08	50.43	32.78	8.96	8.03	3.5	1.848	95.9	1.9	1.0	0.4
472	2/5/2014 9:46:05	9.13	50.41	32.78	8.97	8.03	3.6	1.799	96.1	1.4	0.8	0.3
473	2/5/2014 10:01:04	9.16	50.36	32.74	8.79	8.02	3.5	1.763	94.3	1.4	0.8	0.3
474	2/5/2014 10:16:05	9.17	50.38	32.76	8.90	8.02	3.4	1.758	95.4	1.7	0.9	0.4
475	2/5/2014 10:31:05	9.17	50.33	32.72	8.79	8.02	3.1	1.760	94.3	2.1	1.2	0.5
476	2/5/2014 10:46:04	9.20	50.31	32.71	8.78	8.01	3.4	1.801	94.2	1.1	0.6	0.3
477	2/5/2014 11:01:04	9.24	50.30	32.71	8.73	8.01	3.2	1.842	93.7	1.2	0.7	0.3
478	2/5/2014 11:16:05	9.16	50.27	32.68	8.63	8.01	3.4	1.894	92.5	1.1	0.6	0.3
479	2/5/2014 11:31:05	9.12	50.25	32.66	8.59	8.00	3.9	1.963	92.0	1.3	0.7	0.3
480	2/5/2014 11:46:05	8.71	49.91	32.38	8.59	7.98	4.8	2.033	90.9	2.0	1.1	0.5
481	2/5/2014 12:01:05	8.75	50.01	32.45	8.45	7.98	4.6	2.102	89.6	1.6	0.9	0.4
482	2/5/2014 12:16:04	8.97	50.09	32.53	8.50	7.99	4.0	2.170	90.7	1.8	1.0	0.4
483	2/5/2014 12:31:05	9.06	50.16	32.59	8.53	7.99	3.9	2.229	91.2	1.8	1.0	0.4
484	2/5/2014 12:46:05	9.09	50.16	32.59	8.51	7.99	3.7	2.296	91.0	1.7	0.9	0.4
485	2/5/2014 13:01:04	9.09	50.16	32.59	8.44	7.98	3.7	2.370	90.3	1.2	0.7	0.3
486	2/5/2014 13:16:05	9.25	50.33	32.73	8.52	7.99	3.7	2.418	91.6	2.1	1.2	0.5
487	2/5/2014 13:31:04	9.39	50.37	32.77	8.65	8.01	3.5	2.487	93.2	1.8	1.0	0.4
488	2/5/2014 13:46:04	9.48	50.45	32.83	8.71	8.01	3.4	2.553	94.1	1.5	0.8	0.4
489	2/5/2014 14:01:05	9.52	50.44	32.83	8.74	8.02	3.3	2.612	94.5	2.1	1.2	0.5
490	2/5/2014 14:16:05	9.54	50.48	32.86	8.77	8.02	3.4	2.674	94.9	2.4	1.3	0.6
491	2/5/2014 14:31:05	9.55	50.48	32.86	8.79	8.02	3.3	2.734	95.1	1.4	0.8	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
492	2/5/2014 14:46:05	9.56	50.52	32.88	8.80	8.03	3.7	2.786	95.3	2.4	1.3	0.6
493	2/5/2014 15:01:04	9.58	50.46	32.84	8.82	8.02	3.1	2.841	95.5	1.7	0.9	0.4
494	2/5/2014 15:16:04	9.61	50.51	32.88	8.83	8.02	3.2	2.898	95.7	1.9	1.0	0.5
495	2/5/2014 15:31:05	9.62	50.53	32.90	8.84	8.03	3.2	2.942	95.8	1.6	0.9	0.4
496	2/5/2014 15:46:04	9.62	50.56	32.92	8.84	8.03	2.9	2.986	95.9	1.7	0.9	0.4
497	2/5/2014 16:01:04	9.62	50.55	32.91	8.82	8.02	2.9	3.023	95.6	2.0	1.1	0.5
498	2/5/2014 16:16:04	9.62	50.57	32.92	8.77	8.02	2.9	3.059	95.1	2.1	1.2	0.5
499	2/5/2014 16:31:05	9.62	50.60	32.95	8.72	8.02	2.6	3.077	94.6	2.0	1.1	0.5
500	2/5/2014 16:46:04	9.60	50.47	32.85	8.74	8.02	2.9	3.081	94.7	1.3	0.7	0.3
501	2/5/2014 17:01:04	9.59	50.48	32.86	8.74	8.02	2.9	3.065	94.7	1.5	0.8	0.3
502	2/5/2014 17:16:04	9.61	50.53	32.90	8.67	8.02	2.8	3.063	94.0	1.9	1.0	0.4
503	2/5/2014 17:31:05	9.61	50.57	32.92	8.71	8.02	3.1	3.008	94.4	1.5	0.8	0.4
504	2/5/2014 17:46:04	9.61	50.52	32.89	8.74	8.02	3.3	2.956	94.8	1.8	1.0	0.4
505	2/5/2014 18:01:05	9.61	50.49	32.87	8.86	8.04	3.8	2.899	96.1	2.1	1.2	0.5
506	2/5/2014 18:16:04	9.53	50.43	32.82	8.70	8.02	4.1	2.832	94.1	1.8	1.0	0.4
507	2/5/2014 18:31:05	9.53	50.47	32.85	8.72	8.03	4.0	2.765	94.3	1.9	1.0	0.5
508	2/5/2014 18:46:05	9.53	50.47	32.85	8.71	8.03	4.0	2.684	94.2	2.0	1.1	0.5
509	2/5/2014 19:01:04	9.54	50.45	32.83	8.78	8.03	4.1	2.605	95.0	2.1	1.2	0.5
510	2/5/2014 19:16:05	9.54	50.43	32.82	8.85	8.04	4.3	2.530	95.8	1.6	0.9	0.4
511	2/5/2014 19:31:05	9.61	50.41	32.81	9.13	8.06	4.3	2.458	98.9	2.3	1.3	0.5
512	2/5/2014 19:46:04	9.60	50.37	32.78	9.22	8.07	4.0	2.385	99.9	2.3	1.3	0.5
513	2/5/2014 20:01:04	9.58	50.33	32.75	9.29	8.07	4.2	2.300	100.5	1.9	1.0	0.5
514	2/5/2014 20:16:04	9.45	50.31	32.72	8.95	8.05	4.1	2.237	96.6	2.0	1.1	0.5
515	2/5/2014 20:31:04	9.29	50.37	32.76	8.53	8.02	3.7	2.186	91.8	1.9	1.0	0.4
516	2/5/2014 20:46:04	9.29	50.34	32.73	8.63	8.02	4.2	2.109	92.8	1.6	0.9	0.4
517	2/5/2014 21:01:05	9.22	50.32	32.71	8.48	8.01	3.9	2.071	91.0	2.0	1.1	0.5
518	2/5/2014 21:16:04	9.19	50.34	32.73	8.47	8.01	3.7	2.039	90.8	2.5	1.4	0.6
519	2/5/2014 21:31:05	9.16	50.28	32.68	8.38	8.00	3.3	2.012	89.8	1.9	1.0	0.5
520	2/5/2014 21:46:05	9.20	50.32	32.72	8.43	8.01	4.1	2.011	90.5	2.0	1.1	0.5
521	2/5/2014 22:01:05	9.16	50.26	32.67	8.39	8.00	3.2	2.003	89.9	1.4	0.8	0.3
522	2/5/2014 22:16:05	9.15	50.26	32.67	8.37	7.99	3.0	2.032	89.7	2.1	1.2	0.5
523	2/5/2014 22:31:05	9.10	50.23	32.64	8.28	7.98	3.0	2.066	88.6	1.8	1.0	0.4
524	2/5/2014 22:46:05	9.04	50.15	32.58	8.17	7.97	3.4	2.110	87.3	2.2	1.2	0.5
525	2/5/2014 23:01:05	9.08	50.20	32.62	8.18	7.97	3.5	2.163	87.5	1.9	1.0	0.5
526	2/5/2014 23:16:05	9.08	50.12	32.56	8.59	8.00	4.0	2.222	91.8	1.8	1.0	0.4
527	2/5/2014 23:31:05	9.09	50.09	32.54	8.71	8.01	3.9	2.297	93.2	1.8	1.0	0.4
528	2/5/2014 23:46:05	9.23	50.20	32.63	8.60	8.01	3.5	2.356	92.3	1.8	1.0	0.4
529	2/6/2014 0:01:05	9.32	50.30	32.71	8.68	8.02	3.4	2.424	93.4	1.6	0.9	0.4
530	2/6/2014 0:16:04	9.37	50.31	32.72	8.71	8.02	3.4	2.500	93.8	2.0	1.1	0.5
531	2/6/2014 0:31:05	9.39	50.39	32.78	8.69	8.02	3.5	2.565	93.7	1.7	0.9	0.4
532	2/6/2014 0:46:04	9.43	50.41	32.80	8.65	8.01	3.6	2.639	93.4	1.8	1.0	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
533	2/6/2014 1:01:04	9.46	50.45	32.83	8.68	8.01	3.6	2.709	93.7	1.9	1.0	0.4
534	2/6/2014 1:16:04	9.48	50.43	32.82	8.71	8.02	3.6	2.784	94.1	2.2	1.2	0.5
535	2/6/2014 1:31:05	9.51	50.53	32.89	8.72	8.02	4.0	2.868	94.4	1.5	0.8	0.4
536	2/6/2014 1:46:05	9.55	50.55	32.91	8.70	8.02	4.8	2.936	94.2	2.5	1.4	0.6
537	2/6/2014 2:01:04	9.58	50.60	32.95	8.70	8.02	4.9	3.023	94.3	1.9	1.0	0.5
538	2/6/2014 2:16:05	9.60	50.67	32.99	8.71	8.02	6.1	3.104	94.4	2.3	1.3	0.5
539	2/6/2014 2:31:04	9.62	50.67	33.00	8.72	8.02	5.9	3.188	94.6	2.2	1.2	0.5
540	2/6/2014 2:46:05	9.64	50.78	33.08	8.74	8.02	6.8	3.273	94.9	2.2	1.2	0.5
541	2/6/2014 3:01:04	9.65	50.82	33.11	8.74	8.02	5.9	3.350	94.9	2.7	1.5	0.6
542	2/6/2014 3:16:04	9.66	50.87	33.15	8.72	8.02	5.7	3.432	94.7	2.1	1.2	0.5
543	2/6/2014 3:31:04	9.67	50.93	33.19	8.71	8.02	5.0	3.502	94.7	2.2	1.2	0.5
544	2/6/2014 3:46:04	9.67	50.96	33.21	8.66	8.02	4.3	3.565	94.2	1.8	1.0	0.4
545	2/6/2014 4:01:04	9.67	50.96	33.21	8.66	8.02	3.4	3.618	94.2	3.0	1.7	0.7
546	2/6/2014 4:16:04	9.66	50.97	33.22	8.62	8.02	3.1	3.668	93.8	2.6	1.4	0.6
547	2/6/2014 4:31:04	9.66	50.94	33.20	8.55	8.02	3.1	3.696	93.0	2.3	1.3	0.6
548	2/6/2014 4:46:05	9.45	50.72	33.02	8.51	8.01	3.1	3.711	92.0	2.3	1.3	0.6
549	2/6/2014 5:01:04	9.60	50.87	33.15	8.45	8.01	3.4	3.706	91.7	1.7	0.9	0.4
550	2/6/2014 5:16:05	9.60	50.90	33.17	8.46	8.01	4.4	3.686	91.8	2.3	1.3	0.6
551	2/6/2014 5:31:05	9.57	50.78	33.08	8.52	8.01	4.2	3.638	92.4	1.7	0.9	0.4
552	2/6/2014 5:46:04	9.61	50.85	33.13	8.51	8.01	4.0	3.590	92.3	2.2	1.2	0.5
553	2/6/2014 6:01:04	9.58	50.77	33.07	8.56	8.01	5.4	3.510	92.8	1.8	1.0	0.4
554	2/6/2014 6:16:05	9.55	50.80	33.09	8.57	8.01	4.2	3.433	92.9	2.0	1.1	0.5
555	2/6/2014 6:31:04	9.55	50.69	33.01	8.51	8.00	3.8	3.365	92.2	2.0	1.1	0.5
556	2/6/2014 6:46:05	9.47	50.61	32.95	8.45	8.00	4.3	3.263	91.3	1.8	1.0	0.4
557	2/6/2014 7:01:04	9.46	50.63	32.96	8.48	8.00	4.7	3.172	91.6	1.7	0.9	0.4
558	2/6/2014 7:16:04	9.44	50.64	32.96	8.46	8.00	4.8	3.084	91.4	1.7	0.9	0.4
559	2/6/2014 7:31:04	9.45	50.64	32.96	8.42	8.00	4.3	2.998	91.0	1.3	0.7	0.3
560	2/6/2014 7:46:04	9.41	50.55	32.90	8.40	7.99	4.3	2.901	90.6	1.5	0.8	0.3
561	2/6/2014 8:01:04	9.41	50.56	32.90	8.46	8.00	4.0	2.799	91.3	1.9	1.0	0.4
562	2/6/2014 8:16:04	9.45	50.60	32.94	8.46	8.00	3.7	2.722	91.4	1.8	1.0	0.4
563	2/6/2014 8:31:05	9.46	50.56	32.91	8.48	8.00	3.7	2.627	91.6	1.6	0.9	0.4
564	2/6/2014 8:46:05	9.44	50.52	32.88	8.47	8.00	3.3	2.535	91.4	1.2	0.7	0.3
565	2/6/2014 9:01:04	9.44	50.52	32.88	8.46	8.00	3.1	2.438	91.4	1.5	0.8	0.4
566	2/6/2014 9:16:04	9.47	50.50	32.86	8.53	8.00	3.0	2.336	92.1	1.5	0.8	0.4
567	2/6/2014 9:31:04	9.39	50.39	32.78	8.55	7.99	3.4	2.258	92.2	1.7	0.9	0.4
568	2/6/2014 9:46:04	9.39	50.35	32.75	8.57	7.99	3.1	2.153	92.4	1.6	0.9	0.4
569	2/6/2014 10:01:04	9.34	50.36	32.75	8.31	7.98	2.9	2.076	89.5	1.7	0.9	0.4
570	2/6/2014 10:16:05	9.32	50.32	32.72	8.15	7.97	3.1	1.998	87.7	1.9	1.0	0.5
571	2/6/2014 10:31:04	9.38	50.30	32.71	8.27	7.99	3.1	1.930	89.1	2.2	1.2	0.5
572	2/6/2014 10:46:04	9.42	50.29	32.71	8.59	7.99	2.7	1.886	92.6	1.6	0.9	0.4
573	2/6/2014 11:01:04	9.41	50.31	32.73	8.43	7.99	2.8	1.837	90.9	1.7	0.9	0.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Maxim Island Long Term Deployment - Water Quality Data										Chlorophyll	Corrected Chlorophyll	Fluorescence
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	ug/L	(Corrected ratio = 0.55)	%FS
574	2/6/2014 11:16:05	9.47	50.31	32.73	8.51	8.00	2.7	1.821	91.8	1.4	0.8	0.3
575	2/6/2014 11:31:04	9.45	50.28	32.70	8.49	7.99	2.8	1.804	91.6	1.5	0.8	0.4
576	2/6/2014 11:46:04	9.32	50.18	32.63	8.09	7.97	2.5	1.817	87.0	2.2	1.2	0.5
577	2/6/2014 12:01:04	9.32	50.24	32.67	8.04	7.96	2.6	1.851	86.5	1.6	0.9	0.4
578	2/6/2014 12:16:05	9.17	50.12	32.57	7.81	7.95	2.4	1.882	83.7	1.8	1.0	0.4
579	2/6/2014 12:31:04	9.17	50.10	32.55	7.83	7.94	2.8	1.942	83.8	1.8	1.0	0.4
580	2/6/2014 12:46:05	9.15	49.99	32.48	8.04	7.96	3.4	1.992	86.0	1.7	0.9	0.4
581	2/6/2014 13:01:05	9.03	49.81	32.34	8.46	7.99	4.3	2.055	90.2	1.4	0.8	0.3
582	2/6/2014 13:16:05	9.08	49.90	32.40	8.30	7.98	3.7	2.115	88.7	1.2	0.7	0.3
583	2/6/2014 13:31:04	9.14	49.97	32.46	8.23	7.97	3.4	2.161	88.1	2.1	1.2	0.5
584	2/6/2014 13:46:05	9.20	50.06	32.53	8.24	7.97	3.3	2.229	88.3	1.9	1.0	0.4
585	2/6/2014 14:01:05	9.23	50.08	32.55	8.22	7.97	3.4	2.293	88.2	2.0	1.1	0.5
586	2/6/2014 14:16:05	9.25	50.18	32.62	8.20	7.97	3.1	2.333	88.1	1.5	0.8	0.4
587	2/6/2014 14:31:05	9.32	50.27	32.69	8.25	7.98	3.2	2.399	88.7	1.7	0.9	0.4
588	2/6/2014 14:46:05	9.41	50.36	32.76	8.39	7.99	3.1	2.468	90.5	1.5	0.8	0.4
589	2/6/2014 15:01:05	9.49	50.39	32.79	8.52	8.00	3.0	2.515	92.0	1.6	0.9	0.4
590	2/6/2014 15:16:05	9.51	50.44	32.82	8.58	8.01	2.8	2.570	92.8	1.6	0.9	0.4
591	2/6/2014 15:31:05	9.52	50.45	32.84	8.63	8.01	3.0	2.632	93.3	2.2	1.2	0.5
592	2/6/2014 15:46:05	9.53	50.42	32.81	8.65	8.01	3.1	2.674	93.6	3.3	1.8	0.8
593	2/6/2014 16:01:05	9.55	50.52	32.89	8.65	8.01	2.9	2.730	93.6	2.3	1.3	0.5
594	2/6/2014 16:16:04	9.57	50.50	32.87	8.65	8.01	2.8	2.776	93.7	2.0	1.1	0.5
595	2/6/2014 16:31:04	9.58	50.53	32.89	8.65	8.01	2.8	2.834	93.7	2.2	1.2	0.5
596	2/6/2014 16:46:05	9.59	50.55	32.91	8.65	8.01	2.9	2.883	93.7	2.1	1.2	0.5
597	2/6/2014 17:01:05	9.59	50.55	32.91	8.64	8.01	2.9	2.923	93.7	1.8	1.0	0.4
598	2/6/2014 17:16:04	9.59	50.50	32.87	8.61	8.01	2.6	2.957	93.3	2.5	1.4	0.6
599	2/6/2014 17:31:04	9.59	50.56	32.91	8.55	8.01	2.4	2.973	92.6	1.9	1.0	0.5
600	2/6/2014 17:46:05	9.60	50.59	32.94	8.52	8.01	2.6	2.997	92.4	2.2	1.2	0.5
601	2/6/2014 18:01:04	9.61	50.46	32.85	8.54	8.00	3.2	2.994	92.5	2.0	1.1	0.5
602	2/6/2014 18:16:05	9.60	50.57	32.93	8.48	8.00	2.6	2.985	91.9	1.6	0.9	0.4
603	2/6/2014 18:31:05	9.60	50.59	32.94	8.46	8.00	2.8	2.964	91.8	1.9	1.0	0.5
604	2/6/2014 18:46:04	9.59	50.54	32.90	8.48	8.00	2.7	2.930	91.9	2.2	1.2	0.5
605	2/6/2014 19:01:05	9.58	50.54	32.90	8.44	8.00	2.6	2.901	91.4	2.4	1.3	0.6
606	2/6/2014 19:16:04	9.59	50.46	32.85	8.55	8.00	3.1	2.825	92.6	2.2	1.2	0.5
607	2/6/2014 19:31:04	9.61	50.46	32.85	8.57	8.01	3.8	2.782	92.8	2.1	1.2	0.5
608	2/6/2014 19:46:04	9.62	50.44	32.83	8.58	8.01	3.4	2.729	92.9	2.0	1.1	0.5
609	2/6/2014 20:01:04	9.59	50.40	32.80	8.53	8.01	3.9	2.657	92.4	1.9	1.0	0.4
610	2/6/2014 20:16:04	9.57	50.40	32.80	8.52	8.01	3.7	2.594	92.2	2.0	1.1	0.5
611	2/6/2014 20:31:05	9.60	50.38	32.79	8.53	8.01	4.1	2.551	92.3	1.8	1.0	0.4
612	2/6/2014 20:46:05	9.56	50.37	32.78	8.48	8.01	4.2	2.490	91.8	2.2	1.2	0.5
613	2/6/2014 21:01:05	9.57	50.36	32.77	8.41	8.01	3.7	2.443	91.1	2.5	1.4	0.6
614	2/6/2014 21:16:05	9.57	50.36	32.77	8.41	8.01	3.3	2.390	91.0	1.9	1.0	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
615	2/6/2014 21:31:04	9.60	50.26	32.70	8.45	8.00	3.3	2.346	91.4	1.9	1.0	0.4
616	2/6/2014 21:46:04	9.59	50.25	32.69	8.35	8.00	3.2	2.319	90.4	1.7	0.9	0.4
617	2/6/2014 22:01:04	9.57	50.20	32.66	8.30	7.99	3.2	2.276	89.7	2.1	1.2	0.5
618	2/6/2014 22:16:05	9.50	50.19	32.64	8.19	7.98	3.1	2.255	88.4	2.2	1.2	0.5
619	2/6/2014 22:31:04	9.51	50.15	32.62	8.19	7.98	3.2	2.256	88.4	2.3	1.3	0.5
620	2/6/2014 22:46:04	9.59	50.24	32.68	8.44	8.00	2.9	2.250	91.4	2.5	1.4	0.6
621	2/6/2014 23:01:05	9.51	50.19	32.65	8.32	7.99	3.2	2.250	89.9	2.1	1.2	0.5
622	2/6/2014 23:16:05	9.50	50.18	32.64	8.31	7.98	2.6	2.286	89.7	2.1	1.2	0.5
623	2/6/2014 23:31:05	9.48	50.20	32.65	8.28	7.98	2.9	2.297	89.4	2.0	1.1	0.5
624	2/6/2014 23:46:05	9.48	50.23	32.67	8.32	7.98	3.3	2.346	89.8	1.9	1.0	0.5
625	2/7/2014 0:01:05	9.50	50.25	32.69	8.35	7.98	2.8	2.392	90.2	2.1	1.2	0.5
626	2/7/2014 0:16:04	9.52	50.15	32.61	8.51	8.00	3.6	2.433	91.9	1.8	1.0	0.4
627	2/7/2014 0:31:05	9.54	50.27	32.71	8.50	8.00	2.8	2.485	91.9	2.5	1.4	0.6
628	2/7/2014 0:46:05	9.55	50.31	32.73	8.52	8.00	2.9	2.541	92.1	2.9	1.6	0.7
629	2/7/2014 1:01:05	9.57	50.35	32.76	8.54	8.00	2.9	2.586	92.4	2.1	1.2	0.5
630	2/7/2014 1:16:05	9.57	50.36	32.77	8.53	8.00	2.9	2.653	92.3	2.2	1.2	0.5
631	2/7/2014 1:31:04	9.57	50.32	32.74	8.56	8.00	2.8	2.719	92.6	3.1	1.7	0.7
632	2/7/2014 1:46:04	9.57	50.42	32.81	8.54	8.00	2.8	2.760	92.5	2.3	1.3	0.6
633	2/7/2014 2:01:05	9.55	50.47	32.85	8.56	8.01	2.9	2.839	92.7	2.4	1.3	0.6
634	2/7/2014 2:16:04	9.54	50.47	32.85	8.57	8.00	3.4	2.899	92.7	1.5	0.8	0.4
635	2/7/2014 2:31:05	9.56	50.51	32.88	8.57	8.01	3.1	2.957	92.7	1.8	1.0	0.4
636	2/7/2014 2:46:05	9.56	50.53	32.89	8.56	8.01	3.1	3.041	92.7	1.9	1.0	0.5
637	2/7/2014 3:01:05	9.57	50.57	32.92	8.56	8.01	3.1	3.103	92.7	2.2	1.2	0.5
638	2/7/2014 3:16:04	9.61	50.59	32.94	8.57	8.00	3.4	3.174	92.9	2.6	1.4	0.6
639	2/7/2014 3:31:05	9.65	50.66	32.99	8.57	8.01	3.7	3.255	93.0	2.7	1.5	0.6
640	2/7/2014 3:46:05	9.68	50.69	33.02	8.62	8.01	3.6	3.316	93.7	2.5	1.4	0.6
641	2/7/2014 4:01:05	9.71	50.73	33.05	8.65	8.01	3.6	3.391	94.0	2.5	1.4	0.6
642	2/7/2014 4:16:05	9.74	50.72	33.04	8.68	8.02	3.8	3.458	94.4	2.4	1.3	0.6
643	2/7/2014 4:31:04	9.76	50.73	33.05	8.69	8.01	3.4	3.508	94.6	2.3	1.3	0.5
644	2/7/2014 4:46:04	9.74	50.74	33.06	8.65	8.01	3.4	3.560	94.1	2.5	1.4	0.6
645	2/7/2014 5:01:04	9.75	50.77	33.08	8.64	8.01	3.9	3.615	94.1	2.4	1.3	0.6
646	2/7/2014 5:16:05	9.70	50.75	33.06	8.58	8.01	3.8	3.624	93.3	2.6	1.4	0.6
647	2/7/2014 5:31:04	9.53	50.54	32.90	8.42	7.99	3.1	3.647	91.2	2.2	1.2	0.5
648	2/7/2014 5:46:05	9.47	50.53	32.88	8.37	7.99	2.3	3.668	90.4	2.4	1.3	0.6
649	2/7/2014 6:01:04	9.68	50.70	33.02	8.47	8.00	3.2	3.632	92.0	1.7	0.9	0.4
650	2/7/2014 6:16:05	9.51	50.60	32.94	8.40	7.99	3.2	3.615	90.9	2.3	1.3	0.5
651	2/7/2014 6:31:04	9.67	50.66	33.00	8.51	8.00	3.1	3.583	92.4	2.3	1.3	0.5
652	2/7/2014 6:46:05	9.51	50.56	32.91	8.44	7.99	5.4	3.517	91.3	1.8	1.0	0.4
653	2/7/2014 7:01:05	9.58	50.63	32.97	8.50	8.00	4.4	3.466	92.1	2.5	1.4	0.6
654	2/7/2014 7:16:04	9.59	50.60	32.95	8.52	8.00	4.0	3.397	92.4	1.8	1.0	0.4
655	2/7/2014 7:31:04	9.53	50.58	32.93	8.45	7.99	4.7	3.302	91.5	2.1	1.2	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
656	2/7/2014 7:46:05	9.52	50.55	32.91	8.43	7.99	3.9	3.239	91.2	2.2	1.2	0.5
657	2/7/2014 8:01:05	9.59	50.57	32.92	8.48	8.00	4.8	3.152	91.9	1.6	0.9	0.4
658	2/7/2014 8:16:05	9.60	50.61	32.96	8.56	8.00	5.1	3.054	92.8	2.0	1.1	0.5
659	2/7/2014 8:31:05	9.56	50.57	32.93	8.50	7.99	4.4	2.984	92.0	1.4	0.8	0.3
660	2/7/2014 8:46:04	9.51	50.46	32.84	8.49	7.99	3.6	2.893	91.8	1.6	0.9	0.4
661	2/7/2014 9:01:04	9.51	50.50	32.87	8.52	7.99	3.4	2.802	92.1	1.7	0.9	0.4
662	2/7/2014 9:16:05	9.45	50.41	32.80	8.35	7.98	4.0	2.711	90.2	1.9	1.0	0.4
663	2/7/2014 9:31:05	9.46	50.40	32.80	8.45	7.98	4.2	2.635	91.2	2.0	1.1	0.5
664	2/7/2014 9:46:05	9.44	50.33	32.74	8.44	7.98	4.0	2.544	91.1	1.7	0.9	0.4
665	2/7/2014 10:01:04	9.44	50.29	32.71	8.55	7.98	3.9	2.449	92.2	1.4	0.8	0.3
666	2/7/2014 10:16:04	9.44	50.24	32.67	8.64	7.99	4.2	2.363	93.2	1.8	1.0	0.4
667	2/7/2014 10:31:04	9.43	50.14	32.60	8.56	7.99	4.0	2.282	92.2	1.8	1.0	0.4
668	2/7/2014 10:46:05	9.41	50.08	32.56	8.41	7.98	4.2	2.196	90.5	1.9	1.0	0.4
669	2/7/2014 11:01:04	9.43	50.05	32.53	8.42	7.98	3.9	2.110	90.7	1.5	0.8	0.4
670	2/7/2014 11:16:04	9.44	49.99	32.50	8.52	7.99	4.0	2.034	91.7	1.9	1.0	0.5
671	2/7/2014 11:31:04	9.44	49.95	32.47	8.32	7.97	3.9	1.963	89.6	1.7	0.9	0.4
672	2/7/2014 11:46:04	9.47	49.93	32.45	8.44	7.98	4.2	1.908	90.9	2.0	1.1	0.5
673	2/7/2014 12:01:05	9.48	49.92	32.44	8.30	7.98	3.9	1.849	89.4	2.2	1.2	0.5
674	2/7/2014 12:16:05	9.46	49.90	32.43	8.16	7.97	3.4	1.826	87.9	2.4	1.3	0.6
675	2/7/2014 12:31:05	9.49	49.86	32.41	7.95	7.96	5.0	1.797	85.7	1.5	0.8	0.4
676	2/7/2014 12:46:05	9.44	49.85	32.39	8.03	7.95	3.4	1.809	86.5	2.2	1.2	0.5
677	2/7/2014 13:01:05	9.44	49.85	32.40	7.94	7.94	3.3	1.830	85.4	2.1	1.2	0.5
678	2/7/2014 13:16:04	9.43	49.84	32.39	7.94	7.93	3.6	1.852	85.4	1.9	1.0	0.4
679	2/7/2014 13:31:04	9.42	49.82	32.37	7.98	7.93	4.0	1.894	85.8	2.1	1.2	0.5
680	2/7/2014 13:46:04	9.42	49.81	32.36	8.06	7.94	5.1	1.944	86.7	1.9	1.0	0.4
681	2/7/2014 14:01:04	9.40	49.52	32.15	8.39	7.96	6.4	1.992	90.1	1.8	1.0	0.4
682	2/7/2014 14:16:04	9.39	49.46	32.11	8.43	7.97	5.6	2.034	90.5	1.8	1.0	0.4
683	2/7/2014 14:31:04	9.40	49.59	32.20	8.37	7.96	4.7	2.102	89.9	2.1	1.2	0.5
684	2/7/2014 14:46:04	9.42	49.66	32.25	8.37	7.96	4.2	2.134	90.0	1.7	0.9	0.4
685	2/7/2014 15:01:04	9.43	49.70	32.29	8.38	7.96	3.9	2.207	90.1	2.0	1.1	0.5
686	2/7/2014 15:16:04	9.45	49.75	32.32	8.40	7.97	4.0	2.249	90.4	1.8	1.0	0.4
687	2/7/2014 15:31:04	9.47	49.91	32.44	8.39	7.97	3.9	2.309	90.4	1.4	0.8	0.3
688	2/7/2014 15:46:05	9.51	50.15	32.62	8.44	7.98	3.8	2.381	91.2	1.9	1.0	0.5
689	2/7/2014 16:01:04	9.53	50.19	32.65	8.51	7.98	4.0	2.416	92.0	2.0	1.1	0.5
690	2/7/2014 16:16:04	9.55	50.26	32.69	8.56	7.99	3.7	2.473	92.6	1.8	1.0	0.4
691	2/7/2014 16:31:04	9.56	50.27	32.70	8.59	7.99	4.0	2.536	92.9	2.4	1.3	0.6
692	2/7/2014 16:46:04	9.56	50.33	32.75	8.59	7.99	4.3	2.600	93.0	1.9	1.0	0.5
693	2/7/2014 17:01:04	9.57	50.33	32.75	8.58	7.99	4.2	2.656	92.9	1.5	0.8	0.4
694	2/7/2014 17:16:04	9.58	50.35	32.77	8.58	7.99	3.6	2.706	92.9	1.9	1.0	0.4
695	2/7/2014 17:31:05	9.59	50.40	32.80	8.60	8.00	3.4	2.780	93.1	1.5	0.8	0.3
696	2/7/2014 17:46:05	9.60	50.38	32.79	8.60	8.00	3.5	2.821	93.1	2.2	1.2	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
697	2/7/2014 18:01:05	9.60	50.41	32.81	8.60	8.00	3.6	2.861	93.1	2.0	1.1	0.5
698	2/7/2014 18:16:04	9.62	50.40	32.80	8.59	7.99	2.8	2.915	93.0	1.9	1.0	0.4
699	2/7/2014 18:31:04	9.62	50.43	32.83	8.58	7.99	3.2	2.957	93.0	1.9	1.0	0.4
700	2/7/2014 18:46:04	9.64	50.41	32.81	8.61	7.99	2.9	2.983	93.3	2.6	1.4	0.6
701	2/7/2014 19:01:05	9.65	50.45	32.84	8.56	8.00	2.5	3.005	92.8	2.4	1.3	0.6
702	2/7/2014 19:16:05	9.65	50.39	32.80	8.45	7.99	3.2	3.015	91.6	2.4	1.3	0.6
703	2/7/2014 19:31:04	9.64	50.34	32.76	8.41	7.98	2.9	3.029	91.1	2.1	1.2	0.5
704	2/7/2014 19:46:04	9.69	50.17	32.65	8.58	7.99	3.7	3.009	93.0	1.9	1.0	0.5
705	2/7/2014 20:01:04	9.73	50.14	32.63	8.57	7.99	3.4	2.977	92.9	2.4	1.3	0.6
706	2/7/2014 20:16:05	9.72	50.21	32.67	8.56	7.99	3.2	2.973	92.9	1.9	1.0	0.5
707	2/7/2014 20:31:05	9.74	50.17	32.65	8.59	8.00	3.4	2.919	93.3	2.1	1.2	0.5
708	2/7/2014 20:46:04	9.76	50.17	32.65	8.65	8.00	3.9	2.880	94.0	2.6	1.4	0.6
709	2/7/2014 21:01:05	9.75	50.22	32.68	8.63	8.00	4.2	2.845	93.7	2.8	1.5	0.7
710	2/7/2014 21:16:05	9.75	50.23	32.69	8.60	7.99	4.4	2.796	93.4	2.2	1.2	0.5
711	2/7/2014 21:31:04	9.73	50.23	32.69	8.54	7.98	5.0	2.741	92.6	2.0	1.1	0.5
712	2/7/2014 21:46:05	9.71	50.22	32.68	8.51	7.98	6.2	2.709	92.3	2.2	1.2	0.5
713	2/7/2014 22:01:05	9.66	50.20	32.67	8.42	7.98	4.7	2.666	91.2	2.3	1.3	0.5
714	2/7/2014 22:16:05	9.69	50.18	32.65	8.44	7.97	5.2	2.614	91.5	2.7	1.5	0.7
715	2/7/2014 22:31:05	9.74	50.08	32.58	8.44	7.97	5.4	2.584	91.5	2.1	1.2	0.5
716	2/7/2014 22:46:04	9.77	49.99	32.52	8.42	7.96	5.2	2.550	91.4	1.9	1.0	0.4
717	2/7/2014 23:01:05	9.76	49.95	32.49	8.39	7.96	5.3	2.527	91.0	2.0	1.1	0.5
718	2/7/2014 23:16:04	9.76	49.94	32.48	8.36	7.95	5.0	2.499	90.7	2.1	1.2	0.5
719	2/7/2014 23:31:05	9.77	49.94	32.48	8.12	7.95	3.7	2.482	88.1	2.1	1.2	0.5
720	2/7/2014 23:46:05	9.67	50.02	32.53	8.16	7.96	3.3	2.483	88.3	1.8	1.0	0.4
721	2/8/2014 0:01:04	9.65	50.11	32.60	8.31	7.96	2.8	2.474	89.9	1.9	1.0	0.4
722	2/8/2014 0:16:05	9.65	50.12	32.60	8.36	7.97	2.9	2.470	90.6	2.4	1.3	0.6
723	2/8/2014 0:31:05	9.68	50.09	32.59	8.36	7.97	3.2	2.495	90.6	2.4	1.3	0.6
724	2/8/2014 0:46:05	9.70	50.06	32.57	8.40	7.97	3.7	2.527	91.0	2.2	1.2	0.5
725	2/8/2014 1:01:05	9.70	50.08	32.58	8.39	7.97	3.9	2.541	90.9	1.7	0.9	0.4
726	2/8/2014 1:16:05	9.68	50.14	32.62	8.40	7.97	3.6	2.581	91.1	1.8	1.0	0.4
727	2/8/2014 1:31:05	9.72	50.06	32.56	8.47	7.97	3.2	2.627	91.8	2.3	1.3	0.5
728	2/8/2014 1:46:04	9.73	50.05	32.56	8.45	7.97	3.5	2.670	91.7	1.6	0.9	0.4
729	2/8/2014 2:01:04	9.71	50.08	32.58	8.44	7.97	3.5	2.718	91.5	1.9	1.0	0.4
730	2/8/2014 2:16:05	9.70	50.14	32.62	8.44	7.98	3.3	2.760	91.5	1.8	1.0	0.4
731	2/8/2014 2:31:04	9.70	50.19	32.65	8.46	7.98	3.1	2.821	91.7	1.7	0.9	0.4
732	2/8/2014 2:46:05	9.70	50.24	32.69	8.48	7.99	3.1	2.875	92.0	1.5	0.8	0.4
733	2/8/2014 3:01:05	9.70	50.26	32.71	8.50	7.99	3.1	2.920	92.3	2.0	1.1	0.5
734	2/8/2014 3:16:05	9.70	50.32	32.75	8.53	7.99	2.6	2.976	92.5	2.0	1.1	0.5
735	2/8/2014 3:31:05	9.70	50.36	32.78	8.56	7.99	2.8	3.052	92.9	2.0	1.1	0.5
736	2/8/2014 3:46:04	9.71	50.32	32.75	8.58	7.99	3.2	3.097	93.1	2.3	1.3	0.6
737	2/8/2014 4:01:04	9.72	50.39	32.81	8.59	7.99	2.8	3.157	93.2	1.8	1.0	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
738	2/8/2014 4:16:04	9.72	50.43	32.83	8.61	7.99	2.8	3.232	93.5	2.5	1.4	0.6
739	2/8/2014 4:31:04	9.74	50.42	32.83	8.67	8.00	2.9	3.287	94.2	2.0	1.1	0.5
740	2/8/2014 4:46:04	9.77	50.48	32.87	8.71	8.00	2.8	3.346	94.7	2.2	1.2	0.5
741	2/8/2014 5:01:04	9.79	50.49	32.88	8.75	8.01	2.8	3.409	95.2	2.5	1.4	0.6
742	2/8/2014 5:16:04	9.81	50.54	32.92	8.79	8.01	3.2	3.473	95.7	2.6	1.4	0.6
743	2/8/2014 5:31:04	9.83	50.57	32.94	8.83	8.01	3.1	3.518	96.2	2.4	1.3	0.6
744	2/8/2014 5:46:05	9.84	50.59	32.95	8.84	8.02	2.6	3.548	96.3	2.8	1.5	0.7
745	2/8/2014 6:01:05	9.86	50.59	32.96	8.83	8.02	2.7	3.603	96.3	2.2	1.2	0.5
746	2/8/2014 6:16:04	9.87	50.55	32.93	8.85	8.02	2.6	3.626	96.5	2.8	1.5	0.7
747	2/8/2014 6:31:04	9.87	50.63	32.99	8.76	8.01	2.4	3.633	95.6	2.7	1.5	0.6
748	2/8/2014 6:46:04	9.78	50.27	32.72	8.47	7.99	3.1	3.648	92.0	2.3	1.3	0.6
749	2/8/2014 7:01:04	9.86	50.59	32.96	8.70	8.01	3.2	3.628	94.9	2.1	1.2	0.5
750	2/8/2014 7:16:04	9.78	50.43	32.84	8.44	7.99	3.7	3.612	91.8	1.9	1.0	0.4
751	2/8/2014 7:31:05	9.80	50.47	32.86	8.56	8.00	3.7	3.580	93.1	2.1	1.2	0.5
752	2/8/2014 7:46:05	9.80	50.43	32.84	8.61	8.00	3.7	3.527	93.6	1.7	0.9	0.4
753	2/8/2014 8:01:05	9.80	50.41	32.83	8.58	7.99	4.3	3.473	93.3	2.6	1.4	0.6
754	2/8/2014 8:16:04	9.77	50.35	32.78	8.45	7.98	4.0	3.415	91.9	1.3	0.7	0.3
755	2/8/2014 8:31:04	9.75	50.32	32.76	8.46	7.98	4.9	3.342	92.0	1.8	1.0	0.4
756	2/8/2014 8:46:05	9.79	50.32	32.76	8.47	7.98	4.9	3.250	92.1	1.5	0.8	0.3
757	2/8/2014 9:01:04	9.83	50.39	32.81	8.63	7.99	4.3	3.173	93.9	1.8	1.0	0.4
758	2/8/2014 9:16:04	9.83	50.43	32.84	8.61	7.99	5.0	3.102	93.8	1.8	1.0	0.4
759	2/8/2014 9:31:05	9.82	50.37	32.80	8.55	7.98	5.0	2.992	93.0	2.3	1.3	0.5
760	2/8/2014 9:46:04	9.83	50.36	32.79	8.54	7.98	5.9	2.905	93.0	1.8	1.0	0.4
761	2/8/2014 10:01:05	9.84	50.31	32.75	8.52	7.98	6.4	2.838	92.7	2.6	1.4	0.6
762	2/8/2014 10:16:05	9.86	50.25	32.71	8.57	7.98	5.5	2.745	93.3	1.7	0.9	0.4
763	2/8/2014 10:31:05	9.89	50.21	32.69	8.56	7.98	5.9	2.666	93.2	1.6	0.9	0.4
764	2/8/2014 10:46:04	9.93	50.13	32.63	8.60	7.97	6.8	2.567	93.7	2.7	1.5	0.6
765	2/8/2014 11:01:05	9.93	50.10	32.61	8.57	7.97	7.3	2.481	93.4	2.2	1.2	0.5
766	2/8/2014 11:16:05	10.03	50.08	32.60	8.65	7.98	7.7	2.394	94.5	1.8	1.0	0.4
767	2/8/2014 11:31:04	9.97	49.98	32.52	8.62	7.97	7.2	2.292	94.0	2.6	1.4	0.6
768	2/8/2014 11:46:04	9.97	49.82	32.41	8.63	7.96	6.4	2.203	94.0	1.9	1.0	0.5
769	2/8/2014 12:01:05	9.97	49.68	32.31	8.55	7.95	5.9	2.122	93.1	1.7	0.9	0.4
770	2/8/2014 12:16:05	10.00	49.55	32.21	8.51	7.95	5.6	2.026	92.6	1.8	1.0	0.4
771	2/8/2014 12:31:04	9.99	49.53	32.20	8.41	7.94	5.6	1.959	91.5	2.2	1.2	0.5
772	2/8/2014 12:46:05	10.03	49.46	32.16	8.42	7.95	5.2	1.893	91.7	2.7	1.5	0.6
773	2/8/2014 13:01:05	10.08	49.45	32.15	8.45	7.96	4.7	1.838	92.1	1.8	1.0	0.4
774	2/8/2014 13:16:05	10.16	49.31	32.05	8.46	7.96	5.7	1.800	92.3	2.1	1.2	0.5
775	2/8/2014 13:31:05	10.15	49.39	32.11	8.62	7.97	6.9	1.785	94.1	2.8	1.5	0.7
776	2/8/2014 13:46:05	10.19	49.35	32.09	8.62	7.96	6.1	1.775	94.1	2.5	1.4	0.6
777	2/8/2014 14:01:05	10.14	49.41	32.13	8.51	7.94	6.8	1.757	92.8	2.4	1.3	0.6
778	2/8/2014 14:16:04	10.11	49.43	32.14	8.44	7.94	7.6	1.804	92.1	2.4	1.3	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
779	2/8/2014 14:31:04	10.11	49.42	32.13	8.47	7.94	10.0	1.845	92.4	2.3	1.3	0.5
780	2/8/2014 14:46:04	10.08	49.47	32.16	8.41	7.93	7.0	1.885	91.6	2.2	1.2	0.5
781	2/8/2014 15:01:04	10.19	48.80	31.69	8.55	7.94	11.2	1.941	93.1	1.9	1.0	0.4
782	2/8/2014 15:16:04	10.30	48.47	31.46	8.69	7.95	8.2	2.002	94.8	2.3	1.3	0.6
783	2/8/2014 15:31:05	10.21	48.95	31.79	8.57	7.95	7.8	2.062	93.4	1.8	1.0	0.4
784	2/8/2014 15:46:05	10.17	49.13	31.92	8.50	7.95	7.2	2.121	92.7	2.2	1.2	0.5
785	2/8/2014 16:01:04	10.11	49.25	32.01	8.43	7.94	5.3	2.172	91.9	2.4	1.3	0.6
786	2/8/2014 16:16:04	10.10	49.34	32.07	8.42	7.94	4.8	2.239	91.8	2.0	1.1	0.5
787	2/8/2014 16:31:05	10.04	49.43	32.13	8.41	7.94	4.6	2.301	91.5	1.7	0.9	0.4
788	2/8/2014 16:46:05	10.02	49.56	32.23	8.43	7.95	4.3	2.351	91.9	1.8	1.0	0.4
789	2/8/2014 17:01:04	10.01	49.64	32.28	8.45	7.95	4.0	2.420	92.0	2.0	1.1	0.5
790	2/8/2014 17:16:04	10.01	49.74	32.35	8.53	7.97	3.7	2.469	93.0	1.8	1.0	0.4
791	2/8/2014 17:31:04	10.00	49.79	32.39	8.55	7.97	3.5	2.526	93.1	2.3	1.3	0.5
792	2/8/2014 17:46:05	9.97	49.83	32.41	8.57	7.98	4.0	2.600	93.4	2.0	1.1	0.5
793	2/8/2014 18:01:05	9.96	49.87	32.44	8.59	7.98	4.0	2.631	93.6	2.0	1.1	0.5
794	2/8/2014 18:16:05	9.95	49.92	32.48	8.59	7.98	4.3	2.705	93.5	2.0	1.1	0.5
795	2/8/2014 18:31:04	9.95	49.93	32.49	8.62	7.98	4.0	2.766	93.9	1.8	1.0	0.4
796	2/8/2014 18:46:04	9.94	49.98	32.52	8.60	7.98	3.9	2.807	93.7	1.4	0.8	0.3
797	2/8/2014 19:01:04	9.93	49.94	32.49	8.58	7.98	3.5	2.855	93.4	1.9	1.0	0.4
798	2/8/2014 19:16:04	9.91	49.96	32.51	8.56	7.98	3.1	2.905	93.2	2.2	1.2	0.5
799	2/8/2014 19:31:04	9.90	50.02	32.55	8.55	7.98	2.8	2.955	93.1	2.3	1.3	0.5
800	2/8/2014 19:46:04	9.90	49.96	32.51	8.55	7.98	2.8	2.986	93.0	2.1	1.2	0.5
801	2/8/2014 20:01:04	9.91	50.07	32.58	8.49	7.98	3.0	3.018	92.4	2.5	1.4	0.6
802	2/8/2014 20:16:04	9.92	50.06	32.58	8.47	7.98	2.8	3.054	92.3	2.0	1.1	0.5
803	2/8/2014 20:31:04	9.93	50.09	32.60	8.37	7.97	2.3	3.063	91.2	2.2	1.2	0.5
804	2/8/2014 20:46:05	9.92	49.97	32.52	8.32	7.97	3.1	3.068	90.5	2.5	1.4	0.6
805	2/8/2014 21:01:05	9.92	50.04	32.56	8.39	7.97	3.4	3.055	91.4	2.1	1.2	0.5
806	2/8/2014 21:16:05	9.92	50.07	32.58	8.40	7.97	3.2	3.032	91.4	2.0	1.1	0.5
807	2/8/2014 21:31:04	9.91	49.88	32.45	8.42	7.97	4.8	3.007	91.7	2.2	1.2	0.5
808	2/8/2014 21:46:04	9.93	49.78	32.38	8.40	7.96	5.7	2.965	91.4	2.1	1.2	0.5
809	2/8/2014 22:01:04	9.96	49.71	32.33	8.33	7.96	5.7	2.930	90.6	2.2	1.2	0.5
810	2/8/2014 22:16:05	9.93	49.82	32.41	8.31	7.96	5.1	2.875	90.5	2.1	1.2	0.5
811	2/8/2014 22:31:05	9.92	49.89	32.46	8.36	7.97	5.0	2.823	90.9	2.1	1.2	0.5
812	2/8/2014 22:46:05	9.94	49.77	32.37	8.25	7.96	6.1	2.780	89.7	1.7	0.9	0.4
813	2/8/2014 23:01:05	9.96	49.85	32.43	8.32	7.96	4.1	2.725	90.6	1.9	1.0	0.5
814	2/8/2014 23:16:05	9.97	49.83	32.42	8.34	7.96	3.8	2.686	90.8	2.0	1.1	0.5
815	2/8/2014 23:31:04	9.99	49.79	32.39	8.29	7.96	3.9	2.647	90.4	1.9	1.0	0.5
816	2/8/2014 23:46:05	9.99	49.79	32.39	8.27	7.96	3.7	2.596	90.1	2.4	1.3	0.6
817	2/9/2014 0:01:04	10.01	49.74	32.35	8.14	7.95	3.4	2.583	88.7	1.9	1.0	0.5
818	2/9/2014 0:16:04	10.03	49.67	32.30	8.17	7.94	4.3	2.542	89.1	1.5	0.8	0.4
819	2/9/2014 0:31:05	10.04	49.60	32.25	8.11	7.94	3.9	2.519	88.4	1.8	1.0	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
820	2/9/2014 0:46:05	10.05	49.55	32.22	8.06	7.93	3.7	2.500	87.9	2.0	1.1	0.5
821	2/9/2014 1:01:04	10.03	49.58	32.24	7.98	7.93	3.7	2.514	87.0	1.7	0.9	0.4
822	2/9/2014 1:16:04	9.99	49.60	32.25	8.11	7.94	3.9	2.503	88.3	2.3	1.3	0.5
823	2/9/2014 1:31:05	9.98	49.65	32.29	8.20	7.95	4.0	2.496	89.3	1.8	1.0	0.4
824	2/9/2014 1:46:04	9.99	49.67	32.30	8.23	7.94	3.7	2.529	89.7	1.5	0.8	0.4
825	2/9/2014 2:01:05	9.97	49.72	32.34	8.25	7.95	3.6	2.566	89.8	1.4	0.8	0.3
826	2/9/2014 2:16:04	9.96	49.68	32.31	8.25	7.95	3.7	2.575	89.8	1.3	0.7	0.3
827	2/9/2014 2:31:05	9.95	49.74	32.35	8.26	7.95	3.5	2.613	89.9	1.6	0.9	0.4
828	2/9/2014 2:46:05	9.95	49.64	32.28	8.29	7.95	3.6	2.661	90.2	1.6	0.9	0.4
829	2/9/2014 3:01:05	9.94	49.70	32.32	8.28	7.95	3.6	2.707	90.1	1.4	0.8	0.3
830	2/9/2014 3:16:04	9.94	49.72	32.34	8.29	7.95	3.4	2.752	90.2	2.1	1.2	0.5
831	2/9/2014 3:31:05	9.93	49.80	32.39	8.30	7.96	3.3	2.791	90.4	1.5	0.8	0.4
832	2/9/2014 3:46:05	9.93	49.84	32.42	8.32	7.96	3.4	2.871	90.5	0.9	0.5	0.2
833	2/9/2014 4:01:04	9.93	49.94	32.49	8.38	7.96	3.6	2.915	91.2	1.5	0.8	0.4
834	2/9/2014 4:16:04	9.93	49.99	32.53	8.45	7.97	3.1	2.975	92.0	1.7	0.9	0.4
835	2/9/2014 4:31:05	9.94	50.14	32.64	8.49	7.98	2.7	3.036	92.5	1.3	0.7	0.3
836	2/9/2014 4:46:05	9.94	50.17	32.66	8.53	7.98	2.8	3.101	93.0	1.7	0.9	0.4
837	2/9/2014 5:01:05	9.95	50.17	32.66	8.56	7.98	2.8	3.161	93.3	1.8	1.0	0.4
838	2/9/2014 5:16:04	9.97	50.23	32.70	8.58	7.98	2.9	3.231	93.7	2.2	1.2	0.5
839	2/9/2014 5:31:04	9.98	50.24	32.71	8.60	7.99	2.9	3.291	93.8	2.2	1.2	0.5
840	2/9/2014 5:46:04	10.02	50.27	32.74	8.64	7.99	2.8	3.347	94.4	1.9	1.0	0.4
841	2/9/2014 6:01:04	10.04	50.30	32.76	8.67	7.99	3.2	3.411	94.8	1.8	1.0	0.4
842	2/9/2014 6:16:05	10.06	50.34	32.79	8.71	8.00	3.1	3.465	95.3	2.3	1.3	0.6
843	2/9/2014 6:31:05	10.08	50.36	32.81	8.73	8.00	3.4	3.503	95.6	1.7	0.9	0.4
844	2/9/2014 6:46:05	10.10	50.38	32.82	8.76	8.01	3.1	3.557	95.9	2.2	1.2	0.5
845	2/9/2014 7:01:04	10.11	50.39	32.83	8.74	8.00	2.7	3.582	95.7	1.7	0.9	0.4
846	2/9/2014 7:16:04	10.12	50.36	32.81	8.72	8.01	2.8	3.605	95.5	2.5	1.4	0.6
847	2/9/2014 7:31:05	10.05	50.23	32.71	8.46	7.98	3.1	3.624	92.5	2.2	1.2	0.5
848	2/9/2014 7:46:05	9.97	50.07	32.59	8.30	7.96	3.4	3.627	90.5	1.9	1.0	0.5
849	2/9/2014 8:01:05	10.08	50.32	32.78	8.48	7.99	3.1	3.614	92.8	1.5	0.8	0.4
850	2/9/2014 8:16:05	10.06	50.32	32.78	8.50	7.99	2.8	3.602	93.0	1.4	0.8	0.3
851	2/9/2014 8:31:05	10.11	50.37	32.81	8.60	8.00	3.9	3.560	94.2	1.5	0.8	0.4
852	2/9/2014 8:46:04	10.06	50.28	32.75	8.54	7.99	3.2	3.519	93.4	1.7	0.9	0.4
853	2/9/2014 9:01:04	9.95	50.10	32.61	8.34	7.96	5.3	3.459	90.9	1.7	0.9	0.4
854	2/9/2014 9:16:04	9.97	50.04	32.57	8.38	7.96	6.0	3.382	91.4	1.4	0.8	0.3
855	2/9/2014 9:31:04	9.99	50.14	32.64	8.49	7.97	3.9	3.304	92.6	1.7	0.9	0.4
856	2/9/2014 9:46:04	9.99	50.03	32.57	8.31	7.96	4.1	3.230	90.6	2.1	1.2	0.5
857	2/9/2014 10:01:05	10.00	50.03	32.56	8.41	7.97	4.4	3.146	91.8	1.9	1.0	0.5
858	2/9/2014 10:16:05	10.00	50.00	32.54	8.40	7.97	3.9	3.049	91.6	1.6	0.9	0.4
859	2/9/2014 10:31:05	10.00	50.00	32.54	8.38	7.97	4.3	2.958	91.4	1.7	0.9	0.4
860	2/9/2014 10:46:05	10.03	49.95	32.51	8.38	7.96	4.2	2.878	91.5	1.6	0.9	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
861	2/9/2014 11:01:04	10.03	49.87	32.45	8.34	7.95	3.6	2.779	91.0	1.6	0.9	0.4
862	2/9/2014 11:16:05	10.03	49.78	32.38	8.30	7.96	3.6	2.692	90.5	1.9	1.0	0.4
863	2/9/2014 11:31:05	10.03	49.70	32.33	8.32	7.96	4.0	2.591	90.7	2.0	1.1	0.5
864	2/9/2014 11:46:05	10.03	49.62	32.27	8.35	7.95	4.1	2.493	91.0	1.5	0.8	0.4
865	2/9/2014 12:01:05	10.05	49.54	32.21	8.34	7.95	4.0	2.399	90.9	1.9	1.0	0.4
866	2/9/2014 12:16:05	10.07	49.47	32.16	8.29	7.94	3.9	2.295	90.3	1.4	0.8	0.3
867	2/9/2014 12:31:05	10.09	49.40	32.11	8.31	7.94	3.7	2.197	90.5	1.7	0.9	0.4
868	2/9/2014 12:46:05	10.10	49.29	32.03	8.21	7.94	3.5	2.099	89.5	2.0	1.1	0.5
869	2/9/2014 13:01:05	10.12	49.18	31.96	8.20	7.94	3.4	2.005	89.4	1.6	0.9	0.4
870	2/9/2014 13:16:05	10.16	49.02	31.85	8.25	7.93	3.9	1.903	89.9	2.0	1.1	0.5
871	2/9/2014 13:31:05	10.18	48.98	31.81	8.16	7.93	4.0	1.833	89.0	1.8	1.0	0.4
872	2/9/2014 13:46:05	10.21	48.96	31.80	7.97	7.91	3.5	1.755	86.9	1.7	0.9	0.4
873	2/9/2014 14:01:04	10.22	48.91	31.77	7.99	7.91	3.8	1.707	87.1	2.2	1.2	0.5
874	2/9/2014 14:16:04	10.25	48.87	31.74	7.96	7.90	3.4	1.672	86.9	2.1	1.2	0.5
875	2/9/2014 14:31:04	10.21	48.84	31.71	8.31	7.94	5.3	1.651	90.5	2.2	1.2	0.5
876	2/9/2014 14:46:05	10.22	48.91	31.77	8.10	7.91	3.7	1.628	88.4	2.1	1.2	0.5
877	2/9/2014 15:01:05	10.21	48.95	31.80	8.17	7.92	4.0	1.664	89.1	1.6	0.9	0.4
878	2/9/2014 15:16:05	10.22	48.94	31.79	8.14	7.92	4.7	1.715	88.8	2.0	1.1	0.5
879	2/9/2014 15:31:05	10.24	48.81	31.70	8.17	7.92	5.6	1.738	89.1	1.6	0.9	0.4
880	2/9/2014 15:46:04	10.31	48.57	31.53	8.16	7.91	5.5	1.805	89.1	2.8	1.5	0.7
881	2/9/2014 16:01:04	10.28	48.06	31.16	8.13	7.90	6.4	1.881	88.5	1.5	0.8	0.3
882	2/9/2014 16:16:04	10.26	48.07	31.16	8.13	7.90	4.8	1.939	88.4	2.0	1.1	0.5
883	2/9/2014 16:31:05	10.25	48.12	31.20	8.10	7.90	4.5	1.983	88.1	1.5	0.8	0.4
884	2/9/2014 16:46:05	10.21	48.51	31.48	8.03	7.90	4.0	2.049	87.4	1.6	0.9	0.4
885	2/9/2014 17:01:05	10.20	48.59	31.54	7.99	7.90	4.2	2.142	87.0	1.5	0.8	0.4
886	2/9/2014 17:16:05	10.18	48.73	31.63	8.01	7.91	4.0	2.186	87.2	1.8	1.0	0.4
887	2/9/2014 17:31:04	10.16	48.75	31.65	8.08	7.91	3.9	2.247	87.9	1.8	1.0	0.4
888	2/9/2014 17:46:04	10.13	48.98	31.81	8.10	7.92	3.6	2.334	88.2	1.7	0.9	0.4
889	2/9/2014 18:01:04	10.10	49.15	31.94	8.12	7.93	3.8	2.393	88.4	1.3	0.7	0.3
890	2/9/2014 18:16:05	10.12	49.10	31.90	8.18	7.94	4.3	2.461	89.1	2.3	1.3	0.5
891	2/9/2014 18:31:05	10.10	49.22	31.98	8.19	7.94	4.0	2.517	89.2	2.2	1.2	0.5
892	2/9/2014 18:46:05	10.06	49.46	32.15	8.22	7.95	3.7	2.580	89.6	2.2	1.2	0.5
893	2/9/2014 19:01:05	10.06	49.49	32.17	8.25	7.95	3.4	2.647	89.9	2.3	1.3	0.5
894	2/9/2014 19:16:04	10.05	49.53	32.20	8.27	7.95	3.7	2.713	90.2	1.8	1.0	0.4
895	2/9/2014 19:31:04	10.06	49.53	32.20	8.30	7.95	3.7	2.766	90.4	1.6	0.9	0.4
896	2/9/2014 19:46:05	10.07	49.54	32.21	8.32	7.95	3.1	2.838	90.7	1.6	0.9	0.4
897	2/9/2014 20:01:05	10.08	49.54	32.21	8.35	7.96	3.4	2.897	91.0	2.1	1.2	0.5
898	2/9/2014 20:16:05	10.08	49.62	32.27	8.39	7.96	3.2	2.947	91.5	2.4	1.3	0.6
899	2/9/2014 20:31:05	10.08	49.67	32.31	8.39	7.96	2.9	2.999	91.6	2.6	1.4	0.6
900	2/9/2014 20:46:04	10.08	49.72	32.34	8.39	7.96	2.8	3.046	91.5	2.6	1.4	0.6
901	2/9/2014 21:01:05	10.09	49.72	32.34	8.38	7.96	2.9	3.094	91.5	2.9	1.6	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
902	2/9/2014 21:16:05	10.09	49.75	32.37	8.38	7.97	3.1	3.117	91.5	2.0	1.1	0.5
903	2/9/2014 21:31:04	10.10	49.77	32.38	8.32	7.96	2.5	3.135	90.8	2.4	1.3	0.6
904	2/9/2014 21:46:05	10.09	49.61	32.26	8.19	7.95	3.3	3.141	89.4	2.3	1.3	0.5
905	2/9/2014 22:01:05	10.09	49.67	32.31	8.22	7.95	2.8	3.127	89.7	1.7	0.9	0.4
906	2/9/2014 22:16:05	10.10	49.72	32.34	8.30	7.96	2.6	3.104	90.6	1.6	0.9	0.4
907	2/9/2014 22:31:05	10.11	49.63	32.28	8.23	7.95	3.5	3.064	89.8	2.3	1.3	0.6
908	2/9/2014 22:46:04	10.11	49.49	32.18	8.15	7.94	4.4	3.021	88.9	1.8	1.0	0.4
909	2/9/2014 23:01:04	10.14	49.29	32.03	8.13	7.93	5.0	2.968	88.7	2.3	1.3	0.5
910	2/9/2014 23:16:04	10.13	49.31	32.05	8.13	7.93	4.8	2.919	88.7	2.0	1.1	0.5
911	2/9/2014 23:31:05	10.10	49.50	32.18	8.14	7.94	5.1	2.863	88.8	1.8	1.0	0.4
912	2/9/2014 23:46:04	10.11	49.40	32.11	8.13	7.93	5.1	2.811	88.7	2.1	1.2	0.5
913	2/10/2014 0:01:04	10.12	49.33	32.07	8.09	7.93	6.2	2.759	88.2	1.9	1.0	0.5
914	2/10/2014 0:16:05	10.14	49.27	32.02	8.03	7.93	5.1	2.723	87.6	1.4	0.8	0.3
915	2/10/2014 0:31:05	10.15	49.21	31.98	8.02	7.93	4.7	2.669	87.4	1.6	0.9	0.4
916	2/10/2014 0:46:05	10.15	49.17	31.95	7.95	7.92	5.2	2.631	86.7	2.4	1.3	0.6
917	2/10/2014 1:01:05	10.16	49.14	31.93	7.91	7.91	4.5	2.602	86.2	1.9	1.0	0.4
918	2/10/2014 1:16:05	10.16	49.20	31.98	7.92	7.91	4.6	2.576	86.4	2.2	1.2	0.5
919	2/10/2014 1:31:05	10.17	49.10	31.90	7.90	7.91	4.0	2.538	86.1	1.6	0.9	0.4
920	2/10/2014 1:46:05	10.17	49.06	31.87	7.91	7.91	3.4	2.519	86.3	2.0	1.1	0.5
921	2/10/2014 2:01:04	10.18	48.99	31.82	7.79	7.90	3.4	2.515	84.9	2.1	1.2	0.5
922	2/10/2014 2:16:05	10.18	48.94	31.79	7.56	7.90	3.3	2.499	82.4	2.1	1.2	0.5
923	2/10/2014 2:31:05	10.16	49.07	31.88	7.89	7.91	3.4	2.508	86.0	1.5	0.8	0.4
924	2/10/2014 2:46:04	10.18	48.91	31.76	7.87	7.90	4.0	2.526	85.7	2.0	1.1	0.5
925	2/10/2014 3:01:05	10.17	49.01	31.83	7.87	7.90	4.2	2.549	85.7	1.4	0.8	0.3
926	2/10/2014 3:16:04	10.15	49.07	31.88	7.94	7.91	3.6	2.577	86.5	1.2	0.7	0.3
927	2/10/2014 3:31:04	10.14	49.15	31.94	7.94	7.91	3.6	2.613	86.5	1.7	0.9	0.4
928	2/10/2014 3:46:05	10.15	49.06	31.87	7.97	7.91	3.2	2.654	86.9	1.8	1.0	0.4
929	2/10/2014 4:01:04	10.14	49.15	31.94	8.00	7.92	3.3	2.704	87.2	1.4	0.8	0.3
930	2/10/2014 4:16:05	10.15	49.12	31.92	8.00	7.92	3.7	2.756	87.2	1.8	1.0	0.4
931	2/10/2014 4:31:05	10.14	49.16	31.94	8.03	7.92	3.7	2.817	87.5	1.5	0.8	0.4
932	2/10/2014 4:46:05	10.14	49.20	31.97	8.06	7.93	3.7	2.870	87.9	2.5	1.4	0.6
933	2/10/2014 5:01:04	10.13	49.39	32.11	8.15	7.94	3.7	2.940	88.9	1.8	1.0	0.4
934	2/10/2014 5:16:04	10.13	49.43	32.14	8.19	7.94	3.2	3.002	89.3	1.8	1.0	0.4
935	2/10/2014 5:31:04	10.13	49.56	32.23	8.27	7.95	3.3	3.075	90.3	1.7	0.9	0.4
936	2/10/2014 5:46:04	10.13	49.69	32.32	8.34	7.96	3.2	3.144	91.1	1.7	0.9	0.4
937	2/10/2014 6:01:04	10.14	49.73	32.36	8.37	7.96	2.9	3.207	91.4	1.6	0.9	0.4
938	2/10/2014 6:16:04	10.14	49.75	32.37	8.38	7.96	2.9	3.277	91.6	1.5	0.8	0.3
939	2/10/2014 6:31:05	10.15	49.79	32.40	8.42	7.97	3.4	3.336	92.0	1.7	0.9	0.4
940	2/10/2014 6:46:05	10.16	49.85	32.45	8.44	7.98	3.3	3.401	92.4	2.1	1.2	0.5
941	2/10/2014 7:01:04	10.17	49.89	32.47	8.47	7.98	3.1	3.459	92.7	1.5	0.8	0.4
942	2/10/2014 7:16:05	10.18	49.88	32.47	8.49	7.98	3.1	3.516	92.9	1.7	0.9	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
943	2/10/2014 7:31:05	10.20	49.89	32.47	8.49	7.99	3.3	3.565	93.0	1.4	0.8	0.3
944	2/10/2014 7:46:04	10.23	49.96	32.53	8.60	8.00	2.8	3.600	94.2	1.0	0.6	0.2
945	2/10/2014 8:01:04	10.24	50.00	32.56	8.60	8.00	2.2	3.631	94.3	1.6	0.9	0.4
946	2/10/2014 8:16:05	10.25	50.02	32.57	8.57	8.01	2.6	3.660	94.0	0.9	0.5	0.2
947	2/10/2014 8:31:04	10.18	49.76	32.38	8.25	7.96	2.9	3.662	90.3	1.7	0.9	0.4
948	2/10/2014 8:46:04	10.25	49.91	32.49	8.42	7.99	2.4	3.647	92.3	1.3	0.7	0.3
949	2/10/2014 9:01:04	10.23	49.95	32.52	8.43	7.99	3.2	3.633	92.4	1.1	0.6	0.3
950	2/10/2014 9:16:04	10.23	49.94	32.51	8.46	7.99	3.6	3.603	92.7	1.4	0.8	0.3
951	2/10/2014 9:31:04	10.24	49.95	32.52	8.47	7.99	4.1	3.546	92.8	1.8	1.0	0.4
952	2/10/2014 9:46:05	10.25	49.58	32.25	8.31	7.95	4.4	3.487	91.0	1.3	0.7	0.3
953	2/10/2014 10:01:04	10.28	49.48	32.18	8.34	7.95	3.8	3.416	91.3	1.6	0.9	0.4
954	2/10/2014 10:16:04	10.28	49.55	32.24	8.33	7.95	4.3	3.337	91.2	1.4	0.8	0.3
955	2/10/2014 10:31:05	10.30	49.47	32.18	8.22	7.94	4.6	3.259	90.0	1.2	0.7	0.3
956	2/10/2014 10:46:05	10.36	49.44	32.16	8.22	7.94	4.3	3.169	90.1	1.3	0.7	0.3
957	2/10/2014 11:01:05	10.42	49.38	32.12	8.22	7.94	4.2	3.069	90.2	1.4	0.8	0.3
958	2/10/2014 11:16:04	10.50	49.35	32.10	8.26	7.94	4.7	2.969	90.8	1.8	1.0	0.4
959	2/10/2014 11:31:04	10.53	49.18	31.98	8.27	7.94	4.3	2.890	90.9	1.4	0.8	0.3
960	2/10/2014 11:46:04	10.62	49.20	32.00	8.30	7.94	4.0	2.781	91.5	0.9	0.5	0.2
961	2/10/2014 12:01:04	10.71	49.23	32.03	8.43	7.95	4.6	2.673	93.0	1.3	0.7	0.3
962	2/10/2014 12:16:05	10.63	49.14	31.96	8.38	7.94	4.8	2.575	92.3	1.2	0.7	0.3
963	2/10/2014 12:31:04	10.99	49.25	32.06	8.80	7.98	4.0	2.469	97.7	1.2	0.7	0.3
964	2/10/2014 12:46:04	10.86	48.88	31.79	8.38	7.93	5.0	2.356	92.7	1.7	0.9	0.4
965	2/10/2014 13:01:04	10.95	48.87	31.78	8.40	7.93	4.3	2.244	93.1	1.5	0.8	0.4
966	2/10/2014 13:16:04	11.10	48.80	31.74	8.46	7.94	4.5	2.125	94.0	1.2	0.7	0.3
967	2/10/2014 13:31:05	11.16	48.71	31.68	8.55	7.94	4.5	2.024	95.1	1.5	0.8	0.4
968	2/10/2014 13:46:04	11.18	48.59	31.59	8.49	7.94	4.8	1.911	94.5	1.2	0.7	0.3
969	2/10/2014 14:01:04	11.36	48.50	31.54	8.59	7.95	4.5	1.817	95.9	1.2	0.7	0.3
970	2/10/2014 14:16:04	11.44	48.34	31.42	8.65	7.95	7.0	1.730	96.6	2.5	1.4	0.6
971	2/10/2014 14:31:04	11.30	48.19	31.31	8.46	7.93	5.0	1.654	94.1	1.6	0.9	0.4
972	2/10/2014 14:46:04	11.38	48.10	31.25	8.45	7.93	5.1	1.601	94.2	2.2	1.2	0.5
973	2/10/2014 15:01:04	11.45	47.95	31.14	8.41	7.93	6.5	1.553	93.8	2.3	1.3	0.5
974	2/10/2014 15:16:04	11.65	48.05	31.23	8.43	7.94	7.3	1.543	94.4	2.0	1.1	0.5
975	2/10/2014 15:31:04	11.61	48.22	31.34	8.60	7.95	6.4	1.539	96.3	2.4	1.3	0.6
976	2/10/2014 15:46:04	11.37	48.13	31.27	8.51	7.93	4.5	1.564	94.8	1.9	1.0	0.4
977	2/10/2014 16:01:04	11.33	48.19	31.31	8.42	7.92	5.0	1.604	93.8	1.6	0.9	0.4
978	2/10/2014 16:16:04	11.26	48.21	31.32	8.39	7.92	3.7	1.656	93.3	2.1	1.2	0.5
979	2/10/2014 16:31:04	11.26	47.92	31.12	8.39	7.91	4.3	1.726	93.2	1.7	0.9	0.4
980	2/10/2014 16:46:04	11.23	47.84	31.06	8.34	7.91	4.1	1.776	92.6	1.3	0.7	0.3
981	2/10/2014 17:01:05	11.20	47.64	30.91	8.28	7.90	5.0	1.855	91.7	1.0	0.6	0.2
982	2/10/2014 17:16:05	11.15	47.67	30.92	8.24	7.90	4.8	1.914	91.2	1.7	0.9	0.4
983	2/10/2014 17:31:04	11.13	47.77	31.00	8.17	7.89	4.7	1.985	90.4	1.6	0.9	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
984	2/10/2014 17:46:04	11.10	47.60	30.88	8.16	7.89	4.8	2.051	90.2	1.4	0.8	0.3
985	2/10/2014 18:01:04	11.09	47.65	30.91	8.12	7.89	4.7	2.131	89.7	1.7	0.9	0.4
986	2/10/2014 18:16:04	11.00	47.73	30.96	8.12	7.89	4.4	2.196	89.6	1.9	1.0	0.4
987	2/10/2014 18:31:04	10.87	48.11	31.23	8.13	7.90	4.2	2.264	89.6	1.8	1.0	0.4
988	2/10/2014 18:46:04	10.81	48.16	31.26	8.15	7.91	4.2	2.349	89.7	1.4	0.8	0.3
989	2/10/2014 19:01:05	10.68	48.58	31.56	8.11	7.91	4.1	2.419	89.2	1.4	0.8	0.3
990	2/10/2014 19:16:04	10.64	48.70	31.65	8.14	7.92	4.2	2.494	89.5	2.0	1.1	0.5
991	2/10/2014 19:31:04	10.66	48.75	31.68	8.21	7.92	4.0	2.573	90.4	1.8	1.0	0.4
992	2/10/2014 19:46:04	10.66	48.73	31.66	8.25	7.92	4.0	2.658	90.7	2.2	1.2	0.5
993	2/10/2014 20:01:04	10.63	48.85	31.75	8.30	7.93	4.3	2.721	91.3	2.6	1.4	0.6
994	2/10/2014 20:16:04	10.62	48.91	31.79	8.30	7.94	3.9	2.783	91.3	2.4	1.3	0.6
995	2/10/2014 20:31:04	10.61	48.92	31.80	8.31	7.94	3.7	2.863	91.4	2.1	1.2	0.5
996	2/10/2014 20:46:04	10.59	48.96	31.82	8.31	7.94	4.1	2.919	91.4	2.5	1.4	0.6
997	2/10/2014 21:01:04	10.56	49.03	31.88	8.32	7.94	3.6	2.979	91.5	2.5	1.4	0.6
998	2/10/2014 21:16:04	10.56	49.09	31.92	8.36	7.95	4.0	3.048	91.9	1.5	0.8	0.4
999	2/10/2014 21:31:04	10.56	49.15	31.96	8.39	7.95	4.0	3.089	92.3	2.4	1.3	0.6
1000	2/10/2014 21:46:05	10.56	49.22	32.01	8.40	7.96	3.1	3.143	92.5	2.1	1.2	0.5
1001	2/10/2014 22:01:05	10.56	49.28	32.06	8.43	7.96	3.1	3.184	92.8	1.7	0.9	0.4
1002	2/10/2014 22:16:05	10.56	49.33	32.09	8.37	7.96	2.6	3.205	92.1	3.3	1.8	0.8
1003	2/10/2014 22:31:05	10.56	49.30	32.07	8.29	7.96	2.1	3.214	91.2	2.2	1.2	0.5
1004	2/10/2014 22:46:04	10.57	49.20	32.00	8.22	7.95	3.3	3.208	90.5	1.5	0.8	0.4
1005	2/10/2014 23:01:04	10.57	49.33	32.09	8.34	7.96	2.7	3.195	91.8	2.0	1.1	0.5
1006	2/10/2014 23:16:04	10.56	49.28	32.06	8.31	7.96	3.3	3.145	91.4	1.4	0.8	0.3
1007	2/10/2014 23:31:04	10.63	48.95	31.83	8.15	7.94	4.8	3.088	89.8	1.7	0.9	0.4
1008	2/10/2014 23:46:04	10.74	48.72	31.66	7.91	7.91	5.2	3.045	87.2	1.7	0.9	0.4
1009	2/11/2014 0:01:04	10.68	48.87	31.77	7.99	7.92	5.0	2.989	88.0	1.8	1.0	0.4
1010	2/11/2014 0:16:04	10.69	48.83	31.74	7.99	7.91	5.3	2.910	88.0	1.4	0.8	0.3
1011	2/11/2014 0:31:04	10.70	48.75	31.68	7.98	7.91	4.9	2.849	87.9	1.2	0.7	0.3
1012	2/11/2014 0:46:04	10.73	48.69	31.64	7.91	7.90	5.1	2.805	87.2	1.7	0.9	0.4
1013	2/11/2014 1:01:05	10.73	48.63	31.60	7.92	7.90	4.8	2.735	87.2	1.4	0.8	0.3
1014	2/11/2014 1:16:04	10.74	48.49	31.50	7.89	7.89	5.0	2.675	86.9	2.0	1.1	0.5
1015	2/11/2014 1:31:04	10.76	48.44	31.46	7.86	7.89	4.3	2.638	86.6	1.3	0.7	0.3
1016	2/11/2014 1:46:04	10.79	48.21	31.30	7.84	7.89	4.0	2.583	86.3	1.5	0.8	0.3
1017	2/11/2014 2:01:04	10.80	48.15	31.25	7.78	7.88	3.6	2.542	85.6	1.6	0.9	0.4
1018	2/11/2014 2:16:04	10.84	48.04	31.18	7.76	7.88	3.4	2.511	85.4	1.9	1.0	0.4
1019	2/11/2014 2:31:05	10.84	48.02	31.16	7.72	7.88	3.2	2.476	85.0	1.5	0.8	0.4
1020	2/11/2014 2:46:05	10.85	48.01	31.16	7.64	7.87	3.2	2.454	84.2	1.5	0.8	0.4
1021	2/11/2014 3:01:04	10.77	48.25	31.33	7.84	7.89	3.2	2.448	86.3	1.6	0.9	0.4
1022	2/11/2014 3:16:04	10.81	48.08	31.21	7.83	7.88	3.3	2.452	86.2	1.4	0.8	0.3
1023	2/11/2014 3:31:04	10.78	48.23	31.31	7.85	7.89	3.6	2.466	86.5	1.3	0.7	0.3
1024	2/11/2014 3:46:05	10.81	48.14	31.24	7.83	7.88	3.1	2.475	86.2	1.4	0.8	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
1025	2/11/2014 4:01:04	10.77	48.30	31.36	7.82	7.88	3.4	2.521	86.0	1.7	0.9	0.4
1026	2/11/2014 4:16:04	10.75	48.40	31.43	7.87	7.89	4.1	2.561	86.6	1.4	0.8	0.3
1027	2/11/2014 4:31:05	10.77	48.35	31.40	7.87	7.89	3.9	2.603	86.7	1.2	0.7	0.3
1028	2/11/2014 4:46:04	10.75	48.37	31.41	7.88	7.89	3.6	2.658	86.7	1.0	0.6	0.2
1029	2/11/2014 5:01:04	10.74	48.42	31.44	7.90	7.90	3.4	2.716	87.0	2.5	1.4	0.6
1030	2/11/2014 5:16:04	10.71	48.53	31.52	7.96	7.90	3.5	2.780	87.6	2.2	1.2	0.5
1031	2/11/2014 5:31:05	10.67	48.73	31.66	8.03	7.92	3.7	2.838	88.4	2.4	1.3	0.6
1032	2/11/2014 5:46:04	10.65	48.88	31.77	8.10	7.93	3.3	2.896	89.2	1.9	1.0	0.5
1033	2/11/2014 6:01:05	10.64	49.00	31.86	8.18	7.94	3.4	2.954	90.0	1.7	0.9	0.4
1034	2/11/2014 6:16:04	10.63	49.09	31.92	8.26	7.95	3.0	3.031	90.9	2.3	1.3	0.5
1035	2/11/2014 6:31:05	10.62	49.19	32.00	8.28	7.95	3.3	3.100	91.2	2.2	1.2	0.5
1036	2/11/2014 6:46:04	10.61	49.23	32.02	8.30	7.95	3.7	3.154	91.4	1.2	0.7	0.3
1037	2/11/2014 7:01:04	10.61	49.26	32.04	8.31	7.95	4.2	3.238	91.5	3.1	1.7	0.7
1038	2/11/2014 7:16:04	10.60	49.31	32.08	8.36	7.96	3.6	3.305	92.1	2.6	1.4	0.6
1039	2/11/2014 7:31:04	10.61	49.37	32.12	8.41	7.97	4.0	3.370	92.7	2.5	1.4	0.6
1040	2/11/2014 7:46:05	10.62	49.40	32.15	8.47	7.99	4.6	3.441	93.4	1.9	1.0	0.4
1041	2/11/2014 8:01:04	10.63	49.53	32.24	8.55	8.00	3.9	3.497	94.4	1.9	1.0	0.4
1042	2/11/2014 8:16:05	10.64	49.63	32.31	8.64	8.02	3.8	3.575	95.4	2.6	1.4	0.6
1043	2/11/2014 8:31:04	10.64	49.64	32.32	8.66	8.03	3.7	3.621	95.7	1.6	0.9	0.4
1044	2/11/2014 8:46:04	10.65	49.68	32.35	8.68	8.04	3.4	3.652	95.9	1.4	0.8	0.3
1045	2/11/2014 9:01:04	10.65	49.67	32.35	8.61	8.03	3.5	3.709	95.1	1.1	0.6	0.3
1046	2/11/2014 9:16:05	10.65	49.70	32.36	8.55	8.04	3.0	3.719	94.5	1.2	0.7	0.3
1047	2/11/2014 9:31:04	10.66	49.46	32.19	8.47	8.02	3.9	3.709	93.5	0.9	0.5	0.2
1048	2/11/2014 9:46:04	10.65	49.58	32.28	8.36	8.00	4.2	3.709	92.3	1.2	0.7	0.3
1049	2/11/2014 10:01:04	10.65	49.69	32.36	8.60	8.04	3.6	3.673	95.0	1.6	0.9	0.4
1050	2/11/2014 10:16:05	10.68	49.51	32.23	8.53	8.01	4.1	3.605	94.2	0.9	0.5	0.2
1051	2/11/2014 10:31:05	10.78	49.23	32.03	8.48	7.97	4.3	3.550	93.8	0.9	0.5	0.2
1052	2/11/2014 10:46:04	10.84	49.17	31.99	8.38	7.97	3.6	3.479	92.7	0.9	0.5	0.2
1053	2/11/2014 11:01:05	10.86	49.19	32.01	8.42	7.97	3.9	3.370	93.3	1.3	0.7	0.3
1054	2/11/2014 11:16:04	10.83	48.94	31.83	8.26	7.95	5.4	3.294	91.3	1.5	0.8	0.4
1055	2/11/2014 11:31:04	10.82	49.10	31.94	8.32	7.96	5.7	3.198	92.0	1.2	0.7	0.3
1056	2/11/2014 11:46:04	10.91	49.02	31.89	8.33	7.95	5.3	3.099	92.3	1.7	0.9	0.4
1057	2/11/2014 12:01:04	10.92	49.01	31.88	8.41	7.96	4.8	2.994	93.2	2.0	1.1	0.5
1058	2/11/2014 12:16:04	10.95	48.98	31.86	8.44	7.96	4.7	2.884	93.5	1.0	0.6	0.2
1059	2/11/2014 12:31:04	11.00	48.92	31.82	8.44	7.95	5.0	2.770	93.6	1.0	0.6	0.2
1060	2/11/2014 12:46:04	11.06	48.83	31.76	8.53	7.95	4.7	2.678	94.7	0.8	0.4	0.2
1061	2/11/2014 13:01:04	11.13	48.89	31.81	8.54	7.98	5.1	2.555	95.0	1.5	0.8	0.3
1062	2/11/2014 13:16:04	11.19	48.51	31.54	8.59	7.96	4.4	2.432	95.5	1.3	0.7	0.3
1063	2/11/2014 13:31:04	11.23	48.41	31.46	8.50	7.94	4.7	2.321	94.5	1.3	0.7	0.3
1064	2/11/2014 13:46:04	11.37	48.53	31.56	9.00	8.00	4.7	2.205	100.4	1.5	0.8	0.4
1065	2/11/2014 14:01:04	11.47	48.40	31.47	8.94	7.99	4.5	2.075	99.9	2.0	1.1	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
1066	2/11/2014 14:16:04	11.53	48.05	31.22	8.84	7.97	4.1	1.968	98.8	1.1	0.6	0.3
1067	2/11/2014 14:31:04	11.65	48.04	31.22	8.96	7.99	4.8	1.845	100.4	1.4	0.8	0.3
1068	2/11/2014 14:46:04	11.69	47.88	31.11	8.87	7.97	4.2	1.750	99.4	1.2	0.7	0.3
1069	2/11/2014 15:01:04	11.78	47.79	31.04	8.83	7.97	3.9	1.682	99.1	1.8	1.0	0.4
1070	2/11/2014 15:16:04	11.83	47.70	30.98	8.88	7.97	4.2	1.572	99.7	1.7	0.9	0.4
1071	2/11/2014 15:31:04	11.82	47.57	30.89	8.69	7.96	4.5	1.540	97.6	1.1	0.6	0.2
1072	2/11/2014 15:46:04	11.79	47.48	30.83	8.49	7.94	3.1	1.524	95.2	1.3	0.7	0.3
1073	2/11/2014 16:01:04	11.80	47.57	30.88	8.64	7.95	3.7	1.496	96.9	2.0	1.1	0.5
1074	2/11/2014 16:16:04	11.76	47.58	30.89	8.62	7.94	2.9	1.492	96.6	1.6	0.9	0.4
1075	2/11/2014 16:31:04	11.71	47.64	30.93	8.57	7.93	3.6	1.552	96.0	1.6	0.9	0.4
1076	2/11/2014 16:46:04	11.68	47.65	30.94	8.54	7.93	3.7	1.574	95.6	1.5	0.8	0.4
1077	2/11/2014 17:01:04	11.65	47.54	30.86	8.53	7.93	3.8	1.636	95.4	1.6	0.9	0.4
1078	2/11/2014 17:16:04	11.66	47.01	30.48	8.51	7.92	5.0	1.710	94.9	1.5	0.8	0.3
1079	2/11/2014 17:31:04	11.67	46.73	30.28	8.49	7.92	4.8	1.760	94.6	2.3	1.3	0.5
1080	2/11/2014 17:46:04	11.63	46.88	30.38	8.44	7.91	5.0	1.853	94.0	1.7	0.9	0.4
1081	2/11/2014 18:01:04	11.60	46.85	30.36	8.42	7.91	4.9	1.924	93.8	1.9	1.0	0.4
1082	2/11/2014 18:16:04	11.58	46.86	30.37	8.39	7.91	5.3	1.989	93.4	1.5	0.8	0.4
1083	2/11/2014 18:31:04	11.56	47.08	30.52	8.36	7.91	4.6	2.077	93.0	1.1	0.6	0.3
1084	2/11/2014 18:46:04	11.49	46.92	30.41	8.38	7.91	4.7	2.150	93.1	1.6	0.9	0.4
1085	2/11/2014 19:01:04	11.36	47.53	30.84	8.32	7.92	4.2	2.233	92.5	1.8	1.0	0.4
1086	2/11/2014 19:16:04	11.20	48.21	31.32	8.27	7.92	3.9	2.308	91.9	1.5	0.8	0.4
1087	2/11/2014 19:31:04	11.13	48.35	31.41	8.26	7.92	3.7	2.389	91.7	2.0	1.1	0.5
1088	2/11/2014 19:46:04	11.09	48.46	31.49	8.31	7.93	3.6	2.474	92.2	1.4	0.8	0.3
1089	2/11/2014 20:01:04	11.09	48.47	31.50	8.35	7.93	3.9	2.546	92.6	1.7	0.9	0.4
1090	2/11/2014 20:16:04	11.07	48.54	31.55	8.40	7.93	3.9	2.632	93.2	2.0	1.1	0.5
1091	2/11/2014 20:31:04	11.05	48.56	31.57	8.42	7.94	4.1	2.696	93.4	1.4	0.8	0.3
1092	2/11/2014 20:46:04	11.02	48.61	31.60	8.43	7.94	3.8	2.791	93.4	1.9	1.0	0.4
1093	2/11/2014 21:01:04	10.99	48.72	31.68	8.41	7.94	4.0	2.858	93.2	1.5	0.8	0.4
1094	2/11/2014 21:16:05	10.95	48.82	31.74	8.42	7.95	4.8	2.920	93.3	1.7	0.9	0.4
1095	2/11/2014 21:31:04	10.92	48.89	31.79	8.47	7.96	4.6	3.005	93.8	1.8	1.0	0.4
1096	2/11/2014 21:46:04	10.91	48.98	31.86	8.48	7.97	4.4	3.059	93.9	1.8	1.0	0.4
1097	2/11/2014 22:01:04	10.88	49.05	31.91	8.53	7.98	4.0	3.128	94.4	1.6	0.9	0.4
1098	2/11/2014 22:16:04	10.87	49.14	31.97	8.53	7.99	4.3	3.180	94.5	1.4	0.8	0.3
1099	2/11/2014 22:31:04	10.87	49.21	32.02	8.54	7.99	3.6	3.225	94.6	1.6	0.9	0.4
1100	2/11/2014 22:46:04	10.87	49.22	32.03	8.55	8.00	3.4	3.269	94.7	1.7	0.9	0.4
1101	2/11/2014 23:01:05	10.89	49.06	31.91	8.47	7.99	3.6	3.271	93.8	1.7	0.9	0.4
1102	2/11/2014 23:16:04	10.88	49.12	31.96	8.39	7.98	3.1	3.294	92.9	1.9	1.0	0.5
1103	2/11/2014 23:31:04	10.88	49.09	31.94	8.38	7.98	3.4	3.271	92.8	1.7	0.9	0.4
1104	2/11/2014 23:46:04	10.90	48.65	31.62	8.30	7.95	5.3	3.234	91.8	2.4	1.3	0.6
1105	2/12/2014 0:01:04	10.87	49.00	31.87	8.40	7.98	3.7	3.199	93.0	1.6	0.9	0.4
1106	2/12/2014 0:16:04	10.94	48.65	31.62	8.25	7.93	5.2	3.128	91.3	1.6	0.9	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
1107	2/12/2014 0:31:04	10.98	48.55	31.55	8.21	7.93	5.3	3.072	90.9	1.2	0.7	0.3
1108	2/12/2014 0:46:04	10.92	48.76	31.70	8.29	7.94	5.0	3.005	91.8	1.3	0.7	0.3
1109	2/12/2014 1:01:04	10.93	48.79	31.72	8.27	7.94	5.3	2.920	91.6	1.5	0.8	0.4
1110	2/12/2014 1:16:04	10.93	48.78	31.72	8.27	7.94	5.9	2.873	91.5	1.5	0.8	0.4
1111	2/12/2014 1:31:05	10.98	48.66	31.63	8.17	7.93	5.6	2.790	90.5	2.0	1.1	0.5
1112	2/12/2014 1:46:04	11.01	48.54	31.54	8.15	7.92	5.4	2.738	90.3	1.6	0.9	0.4
1113	2/12/2014 2:01:05	11.04	48.47	31.50	8.10	7.91	4.6	2.667	89.7	1.5	0.8	0.4
1114	2/12/2014 2:16:04	11.05	48.36	31.42	8.09	7.91	4.0	2.619	89.6	1.2	0.7	0.3
1115	2/12/2014 2:31:04	11.08	48.26	31.35	8.05	7.90	4.2	2.555	89.1	2.1	1.2	0.5
1116	2/12/2014 2:46:05	11.13	48.04	31.19	8.03	7.90	4.5	2.487	89.0	1.5	0.8	0.3
1117	2/12/2014 3:01:04	11.17	47.85	31.06	8.00	7.89	3.5	2.471	88.6	1.4	0.8	0.3
1118	2/12/2014 3:16:04	11.19	47.77	31.00	7.97	7.89	3.4	2.416	88.3	1.8	1.0	0.4
1119	2/12/2014 3:31:04	11.21	47.64	30.91	7.96	7.88	3.1	2.380	88.2	1.8	1.0	0.4
1120	2/12/2014 3:46:04	11.17	47.90	31.09	7.85	7.89	3.1	2.383	87.0	1.1	0.6	0.3
1121	2/12/2014 4:01:04	11.13	47.99	31.15	7.92	7.89	3.1	2.379	87.7	1.5	0.8	0.3
1122	2/12/2014 4:16:04	11.10	48.06	31.21	7.99	7.90	3.1	2.376	88.5	1.4	0.8	0.3
1123	2/12/2014 4:31:05	11.16	47.83	31.04	8.00	7.89	3.6	2.397	88.6	0.9	0.5	0.2
1124	2/12/2014 4:46:05	11.13	47.93	31.12	8.00	7.89	4.1	2.448	88.6	1.6	0.9	0.4
1125	2/12/2014 5:01:05	11.09	48.11	31.24	8.01	7.90	4.1	2.499	88.8	1.6	0.9	0.4
1126	2/12/2014 5:16:04	11.09	47.90	31.09	8.10	7.90	4.9	2.529	89.6	1.2	0.7	0.3
1127	2/12/2014 5:31:04	11.08	47.81	31.02	8.09	7.90	3.9	2.594	89.4	1.3	0.7	0.3
1128	2/12/2014 5:46:04	11.05	48.15	31.27	8.08	7.90	3.8	2.659	89.4	1.2	0.7	0.3
1129	2/12/2014 6:01:05	11.02	48.26	31.34	8.11	7.91	3.9	2.717	89.7	1.5	0.8	0.3
1130	2/12/2014 6:16:05	10.98	48.45	31.48	8.15	7.92	3.7	2.785	90.1	1.0	0.6	0.2
1131	2/12/2014 6:31:04	10.94	48.67	31.64	8.22	7.94	3.6	2.855	90.9	1.2	0.7	0.3
1132	2/12/2014 6:46:04	10.92	48.81	31.74	8.30	7.95	3.4	2.917	91.9	1.5	0.8	0.3
1133	2/12/2014 7:01:04	10.91	48.88	31.79	8.37	7.96	4.0	2.990	92.6	1.2	0.7	0.3
1134	2/12/2014 7:16:04	10.90	48.97	31.85	8.39	7.96	4.6	3.061	93.0	1.0	0.6	0.2
1135	2/12/2014 7:31:04	10.88	49.03	31.90	8.43	7.97	4.6	3.134	93.4	1.6	0.9	0.4
1136	2/12/2014 7:46:04	10.86	49.09	31.94	8.47	7.98	4.7	3.217	93.8	1.6	0.9	0.4
1137	2/12/2014 8:01:05	10.84	49.22	32.03	8.52	8.00	4.7	3.297	94.4	1.5	0.8	0.3
1138	2/12/2014 8:16:04	10.83	49.26	32.06	8.55	8.00	5.6	3.376	94.7	1.7	0.9	0.4
1139	2/12/2014 8:31:04	10.81	49.31	32.09	8.61	8.02	5.8	3.452	95.3	0.9	0.5	0.2
1140	2/12/2014 8:46:04	10.77	49.33	32.10	8.72	8.04	5.6	3.530	96.4	1.2	0.7	0.3
1141	2/12/2014 9:01:05	10.73	49.35	32.11	8.80	8.06	5.0	3.596	97.3	1.3	0.7	0.3
1142	2/12/2014 9:16:04	10.74	49.31	32.09	8.79	8.06	4.8	3.638	97.2	1.5	0.8	0.4
1143	2/12/2014 9:31:04	10.77	49.22	32.02	8.74	8.04	4.2	3.704	96.6	1.1	0.6	0.3
1144	2/12/2014 9:46:05	10.74	49.30	32.08	8.79	8.07	3.3	3.747	97.2	1.3	0.7	0.3
1145	2/12/2014 10:01:05	10.73	49.25	32.04	8.81	8.07	3.1	3.750	97.3	1.0	0.6	0.2
1146	2/12/2014 10:16:05	10.77	49.14	31.97	8.72	8.05	4.0	3.751	96.3	1.3	0.7	0.3
1147	2/12/2014 10:31:05	10.78	49.20	32.01	8.59	8.03	4.0	3.758	94.9	1.0	0.6	0.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
1148	2/12/2014 10:46:05	10.86	49.14	31.98	8.61	8.02	4.5	3.706	95.3	1.2	0.7	0.3
1149	2/12/2014 11:01:05	10.86	49.17	32.00	8.61	8.02	4.3	3.621	95.4	1.2	0.7	0.3
1150	2/12/2014 11:16:05	10.88	49.18	32.00	8.66	8.02	4.3	3.583	95.9	1.3	0.7	0.3
1151	2/12/2014 11:31:05	10.94	49.20	32.02	8.67	8.01	4.5	3.497	96.2	1.4	0.8	0.3
1152	2/12/2014 11:46:05	10.98	49.03	31.90	8.55	7.99	4.2	3.378	94.9	1.2	0.7	0.3
1153	2/12/2014 12:01:05	10.94	48.97	31.85	8.49	7.98	6.6	3.295	94.1	1.0	0.6	0.2
1154	2/12/2014 12:16:04	10.96	48.91	31.81	8.48	7.98	5.9	3.202	94.0	1.6	0.9	0.4
1155	2/12/2014 12:31:05	10.96	49.01	31.88	8.53	7.99	5.6	3.085	94.6	1.8	1.0	0.4
1156	2/12/2014 12:46:04	10.97	49.01	31.88	8.56	7.99	5.9	2.976	95.0	1.4	0.8	0.3
1157	2/12/2014 13:01:04	11.02	48.96	31.85	8.53	7.97	5.9	2.868	94.7	1.4	0.8	0.3
1158	2/12/2014 13:16:04	11.08	48.83	31.76	8.52	7.96	5.7	2.760	94.6	1.6	0.9	0.4
1159	2/12/2014 13:31:04	11.09	48.79	31.73	8.58	7.96	6.1	2.644	95.3	1.5	0.8	0.4
1160	2/12/2014 13:46:04	11.12	48.80	31.74	8.75	7.99	4.7	2.534	97.3	1.6	0.9	0.4
1161	2/12/2014 14:01:05	11.13	48.81	31.75	8.60	7.99	6.2	2.426	95.7	2.2	1.2	0.5
1162	2/12/2014 14:16:05	11.16	48.65	31.64	8.59	7.97	5.3	2.312	95.5	1.6	0.9	0.4
1163	2/12/2014 14:31:04	11.24	48.55	31.57	8.83	7.99	6.7	2.165	98.3	1.7	0.9	0.4
1164	2/12/2014 14:46:04	11.28	48.25	31.35	8.58	7.95	6.1	2.069	95.4	1.8	1.0	0.4
1165	2/12/2014 15:01:04	11.38	48.15	31.28	9.13	8.02	5.3	1.940	101.8	1.6	0.9	0.4
1166	2/12/2014 15:16:04	11.41	47.92	31.12	8.77	7.97	5.6	1.809	97.7	1.7	0.9	0.4
1167	2/12/2014 15:31:04	11.45	47.76	31.01	8.52	7.93	4.8	1.738	94.9	1.7	0.9	0.4
1168	2/12/2014 15:46:04	11.51	47.60	30.89	8.58	7.94	4.2	1.649	95.7	1.1	0.6	0.3
1169	2/12/2014 16:01:04	11.57	47.36	30.73	8.45	7.91	3.0	1.535	94.2	1.7	0.9	0.4
1170	2/12/2014 16:16:04	11.59	47.31	30.69	8.39	7.90	3.2	1.511	93.6	1.4	0.8	0.3
1171	2/12/2014 16:31:04	11.61	47.22	30.63	8.23	7.90	2.9	1.487	91.8	1.7	0.9	0.4
1172	2/12/2014 16:46:04	11.61	47.25	30.65	8.47	7.92	4.0	1.460	94.5	2.3	1.3	0.6
1173	2/12/2014 17:01:04	11.60	47.20	30.61	8.49	7.91	4.3	1.485	94.7	1.8	1.0	0.4
1174	2/12/2014 17:16:04	11.56	47.40	30.75	8.43	7.91	4.0	1.515	94.1	1.7	0.9	0.4
1175	2/12/2014 17:31:04	11.53	47.41	30.76	8.42	7.90	5.2	1.577	93.9	1.4	0.8	0.3
1176	2/12/2014 17:46:04	11.51	47.47	30.80	8.41	7.90	6.0	1.653	93.7	1.5	0.8	0.4
1177	2/12/2014 18:01:04	11.48	47.41	30.76	8.43	7.90	5.2	1.717	93.9	1.9	1.0	0.4
1178	2/12/2014 18:16:04	11.50	46.67	30.23	8.46	7.90	6.7	1.791	93.9	2.1	1.2	0.5
1179	2/12/2014 18:31:04	11.44	47.10	30.53	8.42	7.90	4.7	1.883	93.5	1.2	0.7	0.3
1180	2/12/2014 18:46:04	11.42	47.13	30.55	8.37	7.90	4.5	1.956	92.9	1.6	0.9	0.4
1181	2/12/2014 19:01:04	11.40	47.27	30.65	8.36	7.90	4.3	2.042	92.9	1.6	0.9	0.4
1182	2/12/2014 19:16:04	11.36	47.53	30.83	8.35	7.90	4.1	2.113	92.8	1.6	0.9	0.4
1183	2/12/2014 19:31:04	11.29	47.92	31.11	8.38	7.92	3.9	2.196	93.2	1.1	0.6	0.3
1184	2/12/2014 19:46:04	11.25	48.05	31.21	8.40	7.92	4.2	2.301	93.3	1.9	1.0	0.4
1185	2/12/2014 20:01:04	11.25	48.07	31.22	8.43	7.93	4.5	2.367	93.7	1.7	0.9	0.4
1186	2/12/2014 20:16:04	11.23	48.22	31.33	8.42	7.93	4.2	2.460	93.6	1.5	0.8	0.3
1187	2/12/2014 20:31:04	11.24	48.30	31.39	8.45	7.93	4.6	2.556	93.9	1.5	0.8	0.4
1188	2/12/2014 20:46:04	11.22	48.42	31.47	8.47	7.94	4.7	2.634	94.2	1.4	0.8	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
1189	2/12/2014 21:01:04	11.19	48.51	31.53	8.49	7.95	4.8	2.716	94.3	1.6	0.9	0.4
1190	2/12/2014 21:16:04	11.16	48.57	31.58	8.49	7.95	5.0	2.801	94.4	1.6	0.9	0.4
1191	2/12/2014 21:31:04	11.13	48.61	31.61	8.48	7.95	4.6	2.881	94.3	1.9	1.0	0.4
1192	2/12/2014 21:46:04	11.10	48.66	31.64	8.53	7.96	4.8	2.946	94.7	1.6	0.9	0.4
1193	2/12/2014 22:01:04	11.07	48.73	31.69	8.56	7.97	5.1	3.034	95.1	1.2	0.7	0.3
1194	2/12/2014 22:16:04	11.05	48.78	31.72	8.62	7.99	5.8	3.107	95.6	0.8	0.4	0.2
1195	2/12/2014 22:31:04	11.01	48.86	31.78	8.71	8.00	5.9	3.172	96.6	1.3	0.7	0.3
1196	2/12/2014 22:46:04	10.99	48.89	31.80	8.75	8.01	5.3	3.239	97.1	2.4	1.3	0.6
1197	2/12/2014 23:01:05	10.98	48.91	31.82	8.74	8.02	4.8	3.285	96.9	1.7	0.9	0.4
1198	2/12/2014 23:16:04	10.98	48.93	31.82	8.71	8.02	4.2	3.336	96.6	1.8	1.0	0.4
1199	2/12/2014 23:31:04	10.97	48.91	31.81	8.69	8.02	3.4	3.364	96.3	1.9	1.0	0.4
1200	2/12/2014 23:46:04	11.04	48.75	31.70	8.51	7.99	4.5	3.354	94.4	1.4	0.8	0.3
1201	2/13/2014 0:01:04	11.00	48.84	31.77	8.58	8.01	4.7	3.343	95.1	1.8	1.0	0.4
1202	2/13/2014 0:16:05	10.99	48.87	31.78	8.64	8.01	4.2	3.329	95.8	2.2	1.2	0.5
1203	2/13/2014 0:31:04	11.00	48.82	31.75	8.63	8.01	4.8	3.262	95.7	1.7	0.9	0.4
1204	2/13/2014 0:46:04	11.13	48.45	31.49	8.44	7.96	6.8	3.194	93.7	1.0	0.6	0.2
1205	2/13/2014 1:01:04	11.15	48.49	31.52	8.40	7.95	6.5	3.129	93.3	1.6	0.9	0.4
1206	2/13/2014 1:16:05	11.14	48.45	31.49	8.43	7.96	7.0	3.029	93.6	1.9	1.0	0.5
1207	2/13/2014 1:31:04	11.14	48.46	31.49	8.41	7.95	7.5	2.966	93.4	1.3	0.7	0.3
1208	2/13/2014 1:46:04	11.17	48.40	31.46	8.35	7.95	5.7	2.892	92.8	1.8	1.0	0.4
1209	2/13/2014 2:01:04	11.19	48.34	31.41	8.31	7.94	5.9	2.793	92.3	1.5	0.8	0.4
1210	2/13/2014 2:16:04	11.23	48.23	31.33	8.23	7.93	4.9	2.741	91.4	1.4	0.8	0.3
1211	2/13/2014 2:31:04	11.27	48.08	31.23	8.14	7.91	5.9	2.675	90.5	1.2	0.7	0.3
1212	2/13/2014 2:46:04	11.29	47.96	31.14	8.10	7.90	5.5	2.589	90.0	1.4	0.8	0.3
1213	2/13/2014 3:01:04	11.31	47.91	31.11	8.00	7.89	5.1	2.543	89.0	1.6	0.9	0.4
1214	2/13/2014 3:16:04	11.30	47.87	31.08	8.08	7.90	4.7	2.472	89.8	2.2	1.2	0.5
1215	2/13/2014 3:31:04	11.33	47.71	30.97	8.03	7.89	4.2	2.425	89.2	1.6	0.9	0.4
1216	2/13/2014 3:46:04	11.35	47.67	30.93	7.95	7.88	4.0	2.361	88.4	1.0	0.6	0.2
1217	2/13/2014 4:01:04	11.39	47.36	30.71	7.93	7.87	3.7	2.340	88.1	1.3	0.7	0.3
1218	2/13/2014 4:16:04	11.38	47.43	30.77	7.89	7.87	3.4	2.295	87.7	1.3	0.7	0.3
1219	2/13/2014 4:31:04	11.39	47.36	30.72	7.84	7.87	2.8	2.280	87.0	0.9	0.5	0.2
1220	2/13/2014 4:46:04	11.36	47.46	30.79	7.94	7.88	3.3	2.279	88.2	1.5	0.8	0.4
1221	2/13/2014 5:01:04	11.33	47.60	30.89	8.07	7.89	3.4	2.284	89.6	1.6	0.9	0.4
1222	2/13/2014 5:16:04	11.35	47.54	30.84	7.98	7.88	4.7	2.318	88.6	1.5	0.8	0.4
1223	2/13/2014 5:31:04	11.35	47.54	30.85	8.00	7.88	4.2	2.359	88.9	1.8	1.0	0.4
1224	2/13/2014 5:46:04	11.32	47.66	30.93	8.04	7.89	4.6	2.411	89.3	1.6	0.9	0.4
1225	2/13/2014 6:01:04	11.33	47.51	30.82	8.05	7.89	4.3	2.473	89.4	1.7	0.9	0.4
1226	2/13/2014 6:16:04	11.32	47.51	30.82	8.06	7.89	4.6	2.536	89.5	1.0	0.6	0.2
1227	2/13/2014 6:31:04	11.29	47.74	30.99	8.11	7.90	4.9	2.621	90.0	1.1	0.6	0.3
1228	2/13/2014 6:46:04	11.26	47.85	31.06	8.13	7.90	4.6	2.689	90.3		0.0	
1229	2/13/2014 7:01:04	11.21	48.09	31.23	8.19	7.92	4.0	2.756	91.0		0.0	

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
1230	2/13/2014 7:16:04	11.16	48.34	31.41	8.32	7.94	4.3	2.844	92.4	1.0	0.6	0.2
1231	2/13/2014 7:31:04	11.14	48.44	31.48	8.36	7.95	4.1	2.917	92.9	1.3	0.7	0.3
1232	2/13/2014 7:46:04	11.14	48.48	31.51	8.38	7.95	5.2	2.982	93.0	1.5	0.8	0.4
1233	2/13/2014 8:01:04	11.12	48.51	31.53	8.41	7.96	4.6	3.072	93.4	1.3	0.7	0.3
1234	2/13/2014 8:16:04	11.09	48.57	31.57	8.46	7.97	5.3	3.153	93.9	1.3	0.7	0.3
1235	2/13/2014 8:31:04	11.07	48.61	31.60	8.52	7.98	5.3	3.233	94.5	1.4	0.8	0.3
1236	2/13/2014 8:46:04	11.06	48.63	31.62	8.57	7.99	5.3	3.316	95.1	1.5	0.8	0.4
1237	2/13/2014 9:01:04	11.05	48.67	31.64	8.62	8.00	5.7	3.372	95.6	0.9	0.5	0.2
1238	2/13/2014 9:16:04	11.03	48.69	31.65	8.71	8.02	6.7	3.457	96.5	1.3	0.7	0.3
1239	2/13/2014 9:31:04	11.02	48.72	31.67	8.79	8.03	5.9	3.533	97.5	1.3	0.7	0.3
1240	2/13/2014 9:46:04	11.02	48.70	31.67	8.85	8.04	5.6	3.593	98.1	1.5	0.8	0.3
1241	2/13/2014 10:01:05	11.03	48.71	31.67	8.82	8.05	4.8	3.649	97.8	1.4	0.8	0.3
1242	2/13/2014 10:16:04	11.04	48.67	31.64	8.86	8.05	4.6	3.713	98.2	1.5	0.8	0.4
1243	2/13/2014 10:31:04	11.04	48.69	31.66	8.86	8.05	3.6	3.740	98.3	1.5	0.8	0.4
1244	2/13/2014 10:46:04	11.16	48.48	31.51	8.57	8.01	4.2	3.741	95.2	1.8	1.0	0.4
1245	2/13/2014 11:01:04	11.24	48.47	31.51	8.61	7.98	3.8	3.754	95.8	1.3	0.7	0.3
1246	2/13/2014 11:16:05	11.16	48.60	31.60	8.81	8.01	5.0	3.734	97.9	1.9	1.0	0.4
1247	2/13/2014 11:31:04	11.17	48.60	31.60	8.84	8.01	4.4	3.662	98.3	1.3	0.7	0.3
1248	2/13/2014 11:46:04	11.11	48.57	31.57	8.71	8.02	5.0	3.597	96.7	0.7	0.4	0.2
1249	2/13/2014 12:01:04	11.18	48.60	31.60	8.67	8.00	5.2	3.516	96.4	1.7	0.9	0.4
1250	2/13/2014 12:16:04	11.20	48.53	31.55	8.60	7.98	4.8	3.411	95.7	1.1	0.6	0.3
1251	2/13/2014 12:31:04	11.22	48.47	31.51	8.47	7.97	6.1	3.302	94.2	1.4	0.8	0.3
1252	2/13/2014 12:46:04	11.20	48.46	31.50	8.55	7.98	6.2	3.202	95.1	1.2	0.7	0.3
1253	2/13/2014 13:01:05	11.21	48.47	31.51	8.56	7.99	6.4	3.082	95.2	1.9	1.0	0.5
1254	2/13/2014 13:16:04	11.26	48.37	31.44	8.49	7.97	7.2	2.992	94.5	1.1	0.6	0.3
1255	2/13/2014 13:31:04	11.26	48.32	31.40	8.50	7.97	5.9	2.882	94.6	1.7	0.9	0.4
1256	2/13/2014 13:46:04	11.33	48.14	31.28	8.45	7.95	5.7	2.750	94.0	1.3	0.7	0.3
1257	2/13/2014 14:01:04	11.33	48.13	31.27	8.51	7.96	4.6	2.642	94.7	1.4	0.8	0.3
1258	2/13/2014 14:16:05	11.37	47.95	31.14	8.55	7.96	5.1	2.529	95.2	1.9	1.0	0.5
1259	2/13/2014 14:31:04	11.36	47.97	31.16	8.70	7.98	5.3	2.397	96.9	1.5	0.8	0.4
1260	2/13/2014 14:46:05	11.42	47.89	31.10	8.71	7.97	4.9	2.275	97.1	1.3	0.7	0.3
1261	2/13/2014 15:01:05	11.47	47.75	31.00	8.39	7.95	6.6	2.142	93.6	1.8	1.0	0.4
1262	2/13/2014 15:16:04	11.56	47.45	30.79	8.46	7.91	5.6	2.011	94.4	1.3	0.7	0.3
1263	2/13/2014 15:31:04	11.60	47.33	30.70	8.48	7.94	5.5	1.899	94.7	1.7	0.9	0.4
1264	2/13/2014 15:46:04	11.68	47.11	30.55	8.36	7.91	5.1	1.779	93.4	2.0	1.1	0.5
1265	2/13/2014 16:01:04	11.73	46.95	30.44	8.22	7.89	4.7	1.671	91.8	1.5	0.8	0.4
1266	2/13/2014 16:16:04	11.76	46.80	30.33	8.01	7.87	3.7	1.566	89.5	1.7	0.9	0.4
1267	2/13/2014 16:31:04	11.80	46.61	30.20	7.94	7.86	4.1	1.491	88.7	1.8	1.0	0.4
1268	2/13/2014 16:46:04	11.81	46.57	30.17	7.87	7.86	3.4	1.431	87.9	1.5	0.8	0.3
1269	2/13/2014 17:01:04	11.82	46.51	30.12	7.51	7.86	2.7	1.404	83.9	1.6	0.9	0.4
1270	2/13/2014 17:16:04	11.78	46.57	30.17	8.02	7.88	4.6	1.375	89.5	1.9	1.0	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
1271	2/13/2014 17:31:04	11.77	46.67	30.24	8.06	7.88	4.0	1.404	90.0	1.6	0.9	0.4
1272	2/13/2014 17:46:04	11.76	46.69	30.25	8.00	7.87	4.3	1.487	89.4	1.6	0.9	0.4
1273	2/13/2014 18:01:04	11.76	46.72	30.27	7.98	7.86	4.3	1.497	89.1	1.4	0.8	0.3
1274	2/13/2014 18:16:04	11.75	46.57	30.17	8.02	7.86	4.8	1.607	89.5	1.5	0.8	0.4
1275	2/13/2014 18:31:04	11.76	46.04	29.78	8.03	7.86	6.6	1.677	89.3	1.3	0.7	0.3
1276	2/13/2014 18:46:04	11.76	45.45	29.36	8.08	7.86	5.0	1.740	89.7	1.7	0.9	0.4
1277	2/13/2014 19:01:04	11.73	46.06	29.80	8.03	7.86	5.0	1.844	89.3	2.0	1.1	0.5
1278	2/13/2014 19:16:04	11.71	46.28	29.95	8.02	7.86	4.6	1.911	89.3	2.0	1.1	0.5
1279	2/13/2014 19:31:04	11.70	46.20	29.90	8.02	7.86	4.3	1.997	89.2	1.6	0.9	0.4
1280	2/13/2014 19:46:04	11.66	46.49	30.10	8.03	7.87	4.2	2.077	89.4	0.8	0.4	0.2
1281	2/13/2014 20:01:04	11.59	46.85	30.36	8.09	7.88	4.4	2.173	90.0	0.8	0.4	0.2
1282	2/13/2014 20:16:04	11.49	47.50	30.82	8.14	7.90	4.4	2.268	90.7	1.8	1.0	0.4
1283	2/13/2014 20:31:05	11.47	47.57	30.87	8.19	7.91	4.2	2.331	91.3	1.4	0.8	0.3
1284	2/13/2014 20:46:05	11.46	47.66	30.94	8.26	7.92	4.6	2.445	92.0	1.5	0.8	0.4
1285	2/13/2014 21:01:05	11.45	47.74	30.99	8.30	7.92	5.5	2.543	92.5	1.6	0.9	0.4
1286	2/13/2014 21:16:04	11.42	47.78	31.02	8.36	7.93	5.0	2.610	93.2	1.7	0.9	0.4
1287	2/13/2014 21:31:04	11.39	47.90	31.10	8.39	7.94	5.0	2.714	93.4	2.0	1.1	0.5
1288	2/13/2014 21:46:05	11.37	47.94	31.14	8.39	7.94	5.1	2.789	93.5	1.1	0.6	0.3
1289	2/13/2014 22:01:05	11.35	48.04	31.20	8.41	7.95	5.6	2.884	93.7	1.8	1.0	0.4
1290	2/13/2014 22:16:05	11.31	48.13	31.26	8.50	7.96	6.8	2.952	94.6	1.5	0.8	0.4
1291	2/13/2014 22:31:05	11.28	48.18	31.30	8.56	7.98	6.6	3.048	95.2	1.5	0.8	0.4
1292	2/13/2014 22:46:04	11.25	48.29	31.38	8.66	7.99	6.4	3.128	96.3	1.9	1.0	0.5
1293	2/13/2014 23:01:05	11.23	48.33	31.41	8.69	8.00	5.6	3.192	96.6	2.0	1.1	0.5
1294	2/13/2014 23:16:04	11.21	48.40	31.46	8.75	8.02	5.7	3.259	97.3	2.0	1.1	0.5
1295	2/13/2014 23:31:05	11.19	48.46	31.50	8.80	8.03	5.7	3.324	97.9	2.0	1.1	0.5
1296	2/13/2014 23:46:05	11.19	48.47	31.51	8.76	8.03	4.6	3.362	97.4	1.3	0.7	0.3
1297	2/14/2014 0:01:04	11.20	48.45	31.49	8.74	8.03	3.4	3.380	97.2	2.1	1.2	0.5
1298	2/14/2014 0:16:04	11.20	48.46	31.50	8.67	8.03	2.9	3.414	96.4	1.8	1.0	0.4
1299	2/14/2014 0:31:05	11.22	48.36	31.43	8.62	8.01	5.1	3.391	95.8	1.6	0.9	0.4
1300	2/14/2014 0:46:04	11.21	48.38	31.44	8.67	8.02	4.1	3.359	96.4	1.7	0.9	0.4
1301	2/14/2014 1:01:05	11.22	48.37	31.44	8.67	8.02	5.9	3.324	96.4	1.4	0.8	0.3
1302	2/14/2014 1:16:04	11.30	48.07	31.22	8.45	7.97	5.4	3.251	94.0	1.9	1.0	0.5
1303	2/14/2014 1:31:04	11.32	48.02	31.19	8.41	7.97	7.9	3.161	93.6	1.8	1.0	0.4
1304	2/14/2014 1:46:04	11.35	47.94	31.13	8.37	7.95	6.4	3.102	93.2	1.5	0.8	0.4
1305	2/14/2014 2:01:04	11.35	47.95	31.14	8.30	7.95	7.3	3.000	92.4	1.3	0.7	0.3
1306	2/14/2014 2:16:04	11.38	47.78	31.02	8.30	7.94	6.8	2.907	92.4	1.5	0.8	0.4
1307	2/14/2014 2:31:04	11.42	47.57	30.87	8.22	7.93	6.8	2.823	91.5	1.5	0.8	0.3
1308	2/14/2014 2:46:04	11.45	47.46	30.79	8.11	7.91	6.0	2.745	90.3	1.7	0.9	0.4
1309	2/14/2014 3:01:04	11.48	47.34	30.71	8.03	7.90	6.0	2.676	89.4	1.8	1.0	0.4
1310	2/14/2014 3:16:04	11.50	47.35	30.71	8.04	7.90	5.5	2.582	89.5	1.5	0.8	0.4
1311	2/14/2014 3:31:04	11.53	47.27	30.66	7.99	7.89	6.1	2.526	88.9	1.5	0.8	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.55)	Fluorescence %FS
1312	2/14/2014 3:46:05	11.53	47.34	30.71	7.98	7.89	4.5	2.458	89.0	1.5	0.8	0.4
1313	2/14/2014 4:01:04	11.57	47.10	30.54	7.94	7.88	4.6	2.396	88.4	1.4	0.8	0.3
1314	2/14/2014 4:16:04	11.60	46.95	30.43	7.89	7.87	4.3	2.325	87.8	1.3	0.7	0.3
1315	2/14/2014 4:31:04	11.63	46.86	30.37	7.81	7.86	4.3	2.281	87.0	1.5	0.8	0.4
1316	2/14/2014 4:46:04	11.68	46.56	30.16	7.71	7.85	3.7	2.263	85.9	1.7	0.9	0.4
1317	2/14/2014 5:01:04	11.68	46.51	30.12	7.70	7.84	3.6	2.202	85.8	1.2	0.7	0.3
1318	2/14/2014 5:16:04	11.70	46.47	30.09	7.60	7.84	3.6	2.183	84.7	1.4	0.8	0.3
1319	2/14/2014 5:31:04	11.60	46.85	30.36	7.74	7.86	3.6	2.184	86.2	1.7	0.9	0.4
1320	2/14/2014 5:46:04	11.62	46.76	30.30	7.79	7.86	4.7	2.229	86.7	0.5	0.3	0.1
1321	2/14/2014 6:01:04	11.61	46.75	30.29	7.84	7.86	4.3	2.257	87.3	1.4	0.8	0.3
1322	2/14/2014 6:16:04	11.59	46.77	30.30	7.85	7.86	4.6	2.287	87.3	1.0	0.6	0.2
1323	2/14/2014 6:31:04	11.60	46.74	30.28	7.88	7.86	3.9	2.381	87.7	1.5	0.8	0.4
1324	2/14/2014 6:46:04	11.58	46.76	30.30	7.87	7.87	4.7	2.448	87.6	1.6	0.9	0.4
1325	2/14/2014 7:01:04	11.60	46.60	30.18	7.95	7.87	5.8	2.512	88.4	1.5	0.8	0.4
1326	2/14/2014 7:16:04	11.55	46.92	30.41	7.95	7.88	4.4	2.583	88.4	1.1	0.6	0.3
1327	2/14/2014 7:31:04	11.47	47.34	30.71	8.04	7.90	4.7	2.669	89.4	1.3	0.7	0.3
1328	2/14/2014 7:46:04	11.41	47.61	30.90	8.22	7.93	4.6	2.743	91.5	1.4	0.8	0.3
1329	2/14/2014 8:01:05	11.41	47.70	30.96	8.26	7.94	4.2	2.809	92.0	1.0	0.6	0.2
1330	2/14/2014 8:16:04	11.41	47.80	31.04	8.30	7.94	4.7	2.892	92.4	1.3	0.7	0.3
1331	2/14/2014 8:31:04	11.40	47.84	31.07	8.33	7.94	4.5	2.967	92.7	1.2	0.7	0.3
1332	2/14/2014 8:46:05	11.37	47.92	31.12	8.37	7.96	4.6	3.041	93.2	1.3	0.7	0.3
1333	2/14/2014 9:01:04	11.36	47.98	31.16	8.42	7.96	5.1	3.126	93.7	1.5	0.8	0.3
1334	2/14/2014 9:16:04	11.32	48.13	31.26	8.48	7.98	5.0	3.208	94.4	1.5	0.8	0.4
1335	2/14/2014 9:31:04	11.30	48.19	31.31	8.54	7.99	5.4	3.285	95.1	1.4	0.8	0.3
1336	2/14/2014 9:46:05	11.27	48.31	31.39	8.66	8.02	5.6	3.370	96.4	1.3	0.7	0.3
1337	2/14/2014 10:01:04	11.24	48.41	31.47	8.79	8.04	5.0	3.449	97.8	1.3	0.7	0.3
1338	2/14/2014 10:16:04	11.23	48.48	31.52	8.87	8.05	6.1	3.532	98.6	1.1	0.6	0.3
1339	2/14/2014 10:31:04	11.21	48.53	31.55	8.91	8.06	5.3	3.581	99.1	1.2	0.7	0.3
1340	2/14/2014 10:46:04	11.21	48.54	31.56	8.95	8.07	4.8	3.641	99.5	1.1	0.6	0.3
	Mean	10.28	49.66	32.31	8.57	7.99	6.00	2.68	93.95	1.88	1.03	0.45
	Minimum	8.71	45.45	29.36	7.51	7.84	2.10	0.86	82.40	0.50	0.00	0.10
	Maximum	11.83	51.17	33.42	9.68	8.08	49.90	4.10	106.60	4.60	2.53	1.10

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

Chlorophyll/Fluorescence displayed as *in vivo* (non-extractive) readings from YSI 6025 chlorophyll probe

Chlorophyll corrected with ratio derived from extractive analysis; Sample collected at 11:45; value = 1.05

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
0	2/14/2014 11:16:12	11.25	48.94	31.85	8.62	7.97	4.2	3.363	96.2	1.7	0.7	0.4
1	2/14/2014 11:31:11	11.30	48.82	31.77	8.45	7.95	4.4	3.367	94.3	1.5	0.6	0.3
2	2/14/2014 11:46:11	11.27	48.99	31.88	8.53	7.98	4.6	3.375	95.2	1.5	0.6	0.3
3	2/14/2014 12:01:11	11.30	49.01	31.90	8.43	7.98	3.4	3.334	94.1	1.6	0.7	0.4
4	2/14/2014 12:16:11	11.25	48.93	31.84	8.60	8.00	3.9	3.278	96.0	1.0	0.4	0.2
5	2/14/2014 12:31:12	11.35	48.77	31.73	8.35	7.96	4.5	3.195	93.3	1.5	0.6	0.4
6	2/14/2014 12:46:12	11.52	48.24	31.36	8.22	7.92	4.3	3.116	92.0	1.8	0.8	0.4
7	2/14/2014 13:01:12	11.49	48.51	31.55	8.17	7.92	4.2	3.024	91.5	2.0	0.9	0.5
8	2/14/2014 13:16:12	11.53	48.34	31.43	8.01	7.90	5.7	2.910	89.7	1.2	0.5	0.3
9	2/14/2014 13:31:12	11.58	48.08	31.24	8.07	7.90	5.9	2.809	90.3	1.5	0.6	0.4
10	2/14/2014 13:46:12	11.63	47.83	31.07	8.11	7.90	5.4	2.694	90.8	2.0	0.9	0.5
11	2/14/2014 14:01:12	11.65	47.61	30.91	8.15	7.91	5.4	2.595	91.1	2.2	0.9	0.5
12	2/14/2014 14:16:11	11.66	47.80	31.05	8.11	7.90	5.1	2.476	90.8	2.2	0.9	0.5
13	2/14/2014 14:31:11	11.67	47.71	30.98	8.21	7.91	5.9	2.352	91.9	1.9	0.8	0.4
14	2/14/2014 14:46:12	11.69	47.91	31.13	8.22	7.90	6.1	2.242	92.1	1.6	0.7	0.4
15	2/14/2014 15:01:12	11.73	47.63	30.92	8.20	7.89	5.5	2.110	91.8	1.8	0.8	0.4
16	2/14/2014 15:16:12	11.76	47.53	30.86	8.24	7.90	5.3	1.989	92.4	1.9	0.8	0.4
17	2/14/2014 15:31:11	11.80	47.36	30.74	8.14	7.89	5.1	1.876	91.2	2.5	1.1	0.6
18	2/14/2014 15:46:12	11.86	47.03	30.50	8.09	7.86	5.3	1.732	90.7	2.0	0.9	0.5
19	2/14/2014 16:01:11	11.92	46.72	30.28	7.99	7.84	5.2	1.630	89.6	1.4	0.6	0.3
20	2/14/2014 16:16:11	11.95	46.58	30.18	7.94	7.84	4.7	1.509	88.9	2.0	0.9	0.5
21	2/14/2014 16:31:12	11.99	46.48	30.11	7.76	7.82	4.0	1.389	87.0	1.9	0.8	0.4
22	2/14/2014 16:46:12	12.03	46.22	29.93	7.63	7.80	3.9	1.296	85.5	1.6	0.7	0.4
23	2/14/2014 17:01:12	12.06	46.07	29.82	7.42	7.78	4.0	1.212	83.2	1.7	0.7	0.4
24	2/14/2014 17:16:12	12.07	45.93	29.72	7.37	7.78	3.6	1.157	82.6	2.1	0.9	0.5
25	2/14/2014 17:31:12	12.08	45.89	29.69	7.15	7.77	2.8	1.084	80.0	1.9	0.8	0.4
26	2/14/2014 17:46:12	12.07	45.81	29.64	7.57	7.81	9.0	1.108	84.7	2.0	0.9	0.5
27	2/14/2014 18:01:12	12.04	45.99	29.76	7.51	7.79	5.6	1.090	84.1	1.8	0.8	0.4
28	2/14/2014 18:16:12	12.03	46.14	29.87	7.52	7.79	7.2	1.131	84.2	2.6	1.1	0.6
29	2/14/2014 18:31:12	12.03	46.08	29.83	7.60	7.80	9.5	1.188	85.1	2.3	1.0	0.5
30	2/14/2014 18:46:12	12.05	44.38	28.61	7.67	7.78	13.9	1.250	85.3	2.7	1.2	0.6
31	2/14/2014 19:01:12	12.04	45.22	29.21	7.60	7.78	7.3	1.329	84.8	1.9	0.8	0.4
32	2/14/2014 19:16:12	12.05	44.69	28.83	7.62	7.78	7.8	1.394	84.9	2.3	1.0	0.5
33	2/14/2014 19:31:12	12.04	44.95	29.02	7.59	7.78	6.7	1.474	84.6	2.1	0.9	0.5
34	2/14/2014 19:46:12	12.01	45.11	29.13	7.61	7.78	6.7	1.570	84.9	2.0	0.9	0.5
35	2/14/2014 20:01:12	12.00	45.25	29.23	7.58	7.79	5.7	1.640	84.5	1.6	0.7	0.4
36	2/14/2014 20:16:12	11.99	44.80	28.91	7.63	7.79	5.3	1.727	84.9	2.3	1.0	0.5
37	2/14/2014 20:31:12	11.93	45.50	29.40	7.62	7.80	5.3	1.831	85.0	2.2	0.9	0.5
38	2/14/2014 20:46:12	11.87	45.72	29.56	7.72	7.81	5.4	1.911	86.0	1.9	0.8	0.5
39	2/14/2014 21:01:12	11.77	46.76	30.30	7.70	7.83	6.2	2.004	86.1	2.1	0.9	0.5
40	2/14/2014 21:16:12	11.75	46.82	30.34	7.76	7.84	5.2	2.095	86.7	2.1	0.9	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
41	2/14/2014 21:31:12	11.74	46.86	30.38	7.83	7.85	5.7	2.199	87.5	2.7	1.2	0.6
42	2/14/2014 21:46:12	11.72	46.96	30.45	7.87	7.86	6.0	2.280	88.0	2.5	1.1	0.6
43	2/14/2014 22:01:12	11.70	47.01	30.48	7.92	7.87	6.5	2.366	88.4	2.6	1.1	0.6
44	2/14/2014 22:16:12	11.67	47.08	30.53	7.97	7.88	7.8	2.454	89.0	2.0	0.9	0.5
45	2/14/2014 22:31:12	11.64	47.07	30.52	8.00	7.89	7.3	2.533	89.2	2.1	0.9	0.5
46	2/14/2014 22:46:12	11.60	47.20	30.61	8.07	7.90	7.6	2.626	90.0	2.2	0.9	0.5
47	2/14/2014 23:01:12	11.56	47.31	30.69	8.12	7.91	8.1	2.695	90.5	2.5	1.1	0.6
48	2/14/2014 23:16:12	11.52	47.53	30.85	8.21	7.93	6.8	2.784	91.6	2.4	1.0	0.6
49	2/14/2014 23:31:12	11.49	47.61	30.90	8.28	7.95	6.8	2.872	92.3	2.0	0.9	0.5
50	2/14/2014 23:46:12	11.47	47.67	30.95	8.31	7.96	6.3	2.937	92.6	2.1	0.9	0.5
51	2/15/2014 0:01:12	11.44	47.74	30.99	8.39	7.98	5.0	3.008	93.4	2.0	0.9	0.5
52	2/15/2014 0:16:11	11.43	47.63	30.91	8.46	7.98	3.5	3.054	94.1	2.2	0.9	0.5
53	2/15/2014 0:31:12	11.42	47.92	31.12	8.41	7.98	3.2	3.096	93.7	1.7	0.7	0.4
54	2/15/2014 0:46:12	11.42	47.97	31.16	8.35	7.98	2.6	3.105	93.1	2.3	1.0	0.5
55	2/15/2014 1:01:12	11.46	47.83	31.06	8.28	7.97	4.8	3.093	92.3	2.0	0.9	0.5
56	2/15/2014 1:16:12	11.43	47.80	31.04	8.35	7.98	4.3	3.067	93.0	1.9	0.8	0.5
57	2/15/2014 1:31:12	11.43	47.86	31.08	8.35	7.98	5.0	3.013	93.1	2.7	1.2	0.6
58	2/15/2014 1:46:12	11.56	47.40	30.75	8.02	7.92	6.3	2.945	89.4	1.9	0.8	0.4
59	2/15/2014 2:01:12	11.60	47.01	30.47	7.93	7.90	6.4	2.861	88.4	1.9	0.8	0.4
60	2/15/2014 2:16:12	11.59	47.11	30.55	7.98	7.91	7.2	2.757	88.9	2.1	0.9	0.5
61	2/15/2014 2:31:12	11.64	46.86	30.37	7.85	7.88	9.4	2.690	87.4	2.3	1.0	0.5
62	2/15/2014 2:46:12	11.68	46.76	30.30	7.81	7.87	8.9	2.577	87.1	2.0	0.9	0.5
63	2/15/2014 3:01:12	11.71	46.69	30.25	7.71	7.85	7.8	2.500	86.0	2.2	0.9	0.5
64	2/15/2014 3:16:12	11.73	46.62	30.20	7.69	7.85	7.1	2.411	85.8	1.9	0.8	0.5
65	2/15/2014 3:31:13	11.74	46.56	30.16	7.61	7.84	6.5	2.316	84.8	2.0	0.9	0.5
66	2/15/2014 3:46:12	11.74	46.30	29.97	7.61	7.83	6.5	2.254	84.8	2.0	0.9	0.5
67	2/15/2014 4:01:12	11.76	46.15	29.86	7.55	7.83	5.3	2.177	84.1	2.1	0.9	0.5
68	2/15/2014 4:16:12	11.78	45.99	29.75	7.51	7.82	5.2	2.094	83.6	2.1	0.9	0.5
69	2/15/2014 4:31:12	11.82	45.67	29.52	7.46	7.81	5.3	2.019	83.0	1.1	0.5	0.3
70	2/15/2014 4:46:12	11.85	45.63	29.49	7.37	7.79	5.0	1.965	82.0	2.2	0.9	0.5
71	2/15/2014 5:01:12	11.87	45.38	29.32	7.36	7.78	4.5	1.891	81.8	2.2	0.9	0.5
72	2/15/2014 5:16:12	11.91	45.23	29.21	7.26	7.78	4.0	1.852	80.8	1.8	0.8	0.4
73	2/15/2014 5:31:12	11.89	45.22	29.20	7.27	7.78	3.7	1.804	80.9	2.3	1.0	0.5
74	2/15/2014 5:46:12	11.93	45.00	29.04	7.08	7.76	2.8	1.788	78.7	1.8	0.8	0.4
75	2/15/2014 6:01:12	11.89	45.22	29.21	7.28	7.77	4.2	1.789	81.0	1.7	0.7	0.4
76	2/15/2014 6:16:12	11.92	45.03	29.07	7.36	7.77	4.0	1.794	81.9	1.7	0.7	0.4
77	2/15/2014 6:31:13	11.89	45.23	29.21	7.39	7.78	4.3	1.795	82.1	1.5	0.6	0.4
78	2/15/2014 6:46:12	11.86	45.30	29.26	7.42	7.79	4.3	1.851	82.5	1.6	0.7	0.4
79	2/15/2014 7:01:12	11.87	44.90	28.97	7.43	7.78	6.0	1.918	82.5	2.3	1.0	0.5
80	2/15/2014 7:16:12	11.84	44.61	28.76	7.47	7.78	6.3	1.987	82.7	2.2	0.9	0.5
81	2/15/2014 7:31:12	11.80	45.22	29.20	7.49	7.80	6.5	2.076	83.2	1.9	0.8	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
82	2/15/2014 7:46:12	11.80	45.52	29.42	7.50	7.80	5.9	2.143	83.3	2.2	0.9	0.5
83	2/15/2014 8:01:12	11.75	45.72	29.55	7.59	7.82	5.6	2.223	84.3	1.8	0.8	0.4
84	2/15/2014 8:16:12	11.68	46.37	30.01	7.72	7.85	5.5	2.307	85.9	1.8	0.8	0.4
85	2/15/2014 8:31:12	11.67	46.56	30.16	7.81	7.86	5.9	2.373	86.9	1.8	0.8	0.4
86	2/15/2014 8:46:12	11.67	46.81	30.33	7.85	7.87	5.0	2.439	87.5	2.0	0.9	0.5
87	2/15/2014 9:01:12	11.68	46.81	30.34	7.87	7.87	5.7	2.526	87.8	1.7	0.7	0.4
88	2/15/2014 9:16:12	11.67	46.92	30.41	7.92	7.88	7.0	2.613	88.3	1.8	0.8	0.4
89	2/15/2014 9:31:12	11.63	46.94	30.43	7.98	7.89	6.7	2.683	88.9	2.0	0.9	0.5
90	2/15/2014 9:46:12	11.58	47.11	30.55	8.07	7.91	7.7	2.775	89.9	2.2	0.9	0.5
91	2/15/2014 10:01:12	11.52	47.36	30.72	8.18	7.94	8.8	2.869	91.2	1.9	0.8	0.4
92	2/15/2014 10:16:12	11.48	47.58	30.88	8.38	7.97	9.3	2.972	93.3	1.8	0.8	0.4
93	2/15/2014 10:31:12	11.46	47.78	31.02	8.47	7.98	8.9	3.046	94.4	2.2	0.9	0.5
94	2/15/2014 10:46:12	11.46	47.72	30.98	8.52	8.00	7.3	3.117	95.0	1.5	0.6	0.4
95	2/15/2014 11:01:12	11.43	47.93	31.13	8.58	8.01	7.0	3.211	95.7	2.2	0.9	0.5
96	2/15/2014 11:16:12	11.44	47.97	31.16	8.66	8.02	6.5	3.264	96.6	2.0	0.9	0.5
97	2/15/2014 11:31:12	11.46	48.12	31.27	8.70	8.03	4.9	3.316	97.2	2.0	0.9	0.5
98	2/15/2014 11:46:12	11.47	48.09	31.24	8.66	8.02	3.9	3.350	96.7	2.1	0.9	0.5
99	2/15/2014 12:01:12	11.50	48.04	31.22	8.63	8.02	3.5	3.404	96.5	1.4	0.6	0.3
100	2/15/2014 12:16:12	11.49	48.04	31.21	8.53	8.01	4.0	3.385	95.2	2.2	0.9	0.5
101	2/15/2014 12:31:12	11.46	48.11	31.26	8.49	8.02	4.8	3.364	94.8	1.6	0.7	0.4
102	2/15/2014 12:46:12	11.47	48.00	31.18	8.45	8.01	4.1	3.323	94.4	1.3	0.6	0.3
103	2/15/2014 13:01:12	11.57	47.80	31.04	8.42	8.00	5.2	3.255	94.1	1.9	0.8	0.5
104	2/15/2014 13:16:12	11.52	47.88	31.10	8.56	8.00	6.4	3.190	95.6	2.3	1.0	0.5
105	2/15/2014 13:31:12	11.60	47.59	30.89	8.47	7.98	6.5	3.086	94.6	2.2	0.9	0.5
106	2/15/2014 13:46:12	11.60	47.56	30.87	8.38	7.97	6.8	3.003	93.6	1.7	0.7	0.4
107	2/15/2014 14:01:12	11.77	47.18	30.61	8.27	7.94	7.2	2.901	92.6	1.4	0.6	0.3
108	2/15/2014 14:16:12	11.68	47.35	30.72	8.35	7.95	8.2	2.785	93.3	2.0	0.9	0.5
109	2/15/2014 14:31:12	11.79	47.12	30.56	8.29	7.93	7.3	2.676	92.8	2.1	0.9	0.5
110	2/15/2014 14:46:12	11.89	46.72	30.28	8.25	7.91	5.9	2.570	92.4	2.3	1.0	0.5
111	2/15/2014 15:01:12	11.95	46.62	30.21	8.25	7.90	6.7	2.442	92.4	1.9	0.8	0.5
112	2/15/2014 15:16:12	11.98	46.49	30.12	8.22	7.89	6.3	2.345	92.1	2.0	0.9	0.5
113	2/15/2014 15:31:12	11.98	46.54	30.15	8.24	7.90	5.5	2.232	92.4	1.7	0.7	0.4
114	2/15/2014 15:46:12	11.97	46.36	30.02	8.33	7.91	5.9	2.126	93.3	2.1	0.9	0.5
115	2/15/2014 16:01:12	12.04	46.10	29.84	8.33	7.89	6.1	2.010	93.3	1.9	0.8	0.4
116	2/15/2014 16:16:12	12.10	45.77	29.60	8.30	7.89	5.7	1.908	93.0	1.8	0.8	0.4
117	2/15/2014 16:31:12	12.22	44.76	28.89	8.20	7.84	6.4	1.790	91.7	2.4	1.0	0.6
118	2/15/2014 16:46:12	12.26	44.35	28.59	8.19	7.84	6.8	1.705	91.5	2.5	1.1	0.6
119	2/15/2014 17:01:12	12.20	44.58	28.76	8.19	7.85	10.0	1.594	91.5	2.6	1.1	0.6
120	2/15/2014 17:16:12	12.23	44.49	28.69	8.20	7.85	14.7	1.485	91.6	2.8	1.2	0.7
121	2/15/2014 17:31:12	12.23	44.15	28.45	8.24	7.87	22.1	1.426	91.8	3.0	1.3	0.7
122	2/15/2014 17:46:12	12.30	44.33	28.58	7.92	7.80	12.2	1.355	88.5	3.4	1.5	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
123	2/15/2014 18:01:12	12.27	44.26	28.53	7.84	7.81	16.8	1.273	87.5	3.1	1.3	0.7
124	2/15/2014 18:16:12	12.29	43.36	27.89	7.90	7.81	15.0	1.249	87.9	3.4	1.5	0.8
125	2/15/2014 18:31:12	12.31	44.08	28.40	7.95	7.80	10.2	1.230	88.7	2.3	1.0	0.5
126	2/15/2014 18:46:12	12.30	44.22	28.50	7.95	7.80	9.2	1.234	88.9	2.5	1.1	0.6
127	2/15/2014 19:01:12	12.29	44.27	28.54	7.93	7.80	9.5	1.283	88.6	2.4	1.0	0.6
128	2/15/2014 19:16:12	12.23	44.11	28.43	8.05	7.82	11.1	1.333	89.7	3.1	1.3	0.7
129	2/15/2014 19:31:12	12.23	43.07	27.68	8.08	7.81	15.1	1.404	89.7	3.5	1.5	0.8
130	2/15/2014 19:46:12	12.26	42.47	27.26	8.13	7.80	11.8	1.487	90.0	3.1	1.3	0.7
131	2/15/2014 20:01:12	12.25	42.94	27.59	8.10	7.80	11.1	1.584	89.9	2.9	1.2	0.7
132	2/15/2014 20:16:12	12.22	42.95	27.60	8.10	7.80	9.4	1.668	89.9	2.6	1.1	0.6
133	2/15/2014 20:31:12	12.21	42.62	27.36	8.08	7.80	8.3	1.760	89.4	2.6	1.1	0.6
134	2/15/2014 20:46:12	12.18	43.37	27.90	8.07	7.81	7.3	1.854	89.6	2.4	1.0	0.6
135	2/15/2014 21:01:12	12.12	44.80	28.91	8.06	7.84	7.1	1.951	90.0	2.4	1.0	0.6
136	2/15/2014 21:16:12	12.05	45.23	29.21	8.07	7.85	7.0	2.033	90.1	2.9	1.2	0.7
137	2/15/2014 21:31:12	12.01	45.40	29.34	8.13	7.85	7.3	2.119	90.7	2.6	1.1	0.6
138	2/15/2014 21:46:12	12.01	45.42	29.35	8.13	7.85	8.2	2.223	90.7	2.9	1.2	0.7
139	2/15/2014 22:01:12	12.01	45.62	29.49	8.13	7.86	8.3	2.308	90.9	2.6	1.1	0.6
140	2/15/2014 22:16:12	11.99	45.69	29.54	8.15	7.86	8.1	2.396	91.1	2.9	1.2	0.7
141	2/15/2014 22:31:12	11.96	45.93	29.71	8.16	7.87	9.0	2.486	91.2	2.7	1.2	0.6
142	2/15/2014 22:46:12	11.91	46.16	29.88	8.18	7.88	10.1	2.591	91.4	2.8	1.2	0.7
143	2/15/2014 23:01:12	11.84	46.36	30.02	8.24	7.90	12.0	2.665	92.1	2.8	1.2	0.7
144	2/15/2014 23:16:12	11.80	46.55	30.15	8.29	7.91	9.4	2.751	92.5	2.8	1.2	0.7
145	2/15/2014 23:31:12	11.75	46.72	30.27	8.35	7.92	8.0	2.857	93.2	2.6	1.1	0.6
146	2/15/2014 23:46:12	11.71	46.88	30.39	8.38	7.94	8.6	2.918	93.6	2.1	0.9	0.5
147	2/16/2014 0:01:12	11.64	47.15	30.57	8.44	7.96	6.7	3.007	94.2	2.4	1.0	0.6
148	2/16/2014 0:16:12	11.59	47.08	30.52	8.50	7.97	6.2	3.074	94.7	2.0	0.9	0.5
149	2/16/2014 0:31:12	11.55	47.47	30.81	8.50	7.98	5.1	3.124	94.8	2.3	1.0	0.5
150	2/16/2014 0:46:12	11.51	47.59	30.89	8.53	7.99	4.5	3.174	95.1	2.4	1.0	0.6
151	2/16/2014 1:01:12	11.53	47.56	30.86	8.48	7.98	3.4	3.186	94.6	2.0	0.9	0.5
152	2/16/2014 1:16:12	11.54	47.34	30.71	8.43	7.97	5.0	3.176	94.0	2.4	1.0	0.6
153	2/16/2014 1:31:12	11.52	47.53	30.84	8.45	7.98	5.0	3.176	94.2	1.9	0.8	0.4
154	2/16/2014 1:46:12	11.55	47.34	30.71	8.41	7.97	5.0	3.122	93.8	2.2	0.9	0.5
155	2/16/2014 2:01:12	11.62	46.59	30.17	8.17	7.92	11.1	3.042	90.9	3.2	1.4	0.7
156	2/16/2014 2:16:12	11.63	46.22	29.91	8.10	7.89	9.6	2.966	90.0	2.6	1.1	0.6
157	2/16/2014 2:31:12	11.59	46.02	29.76	8.12	7.89	9.0	2.882	90.0	2.3	1.0	0.5
158	2/16/2014 2:46:12	11.68	46.13	29.85	8.02	7.87	8.6	2.788	89.2	2.4	1.0	0.6
159	2/16/2014 3:01:12	11.63	45.56	29.43	7.94	7.86	9.8	2.687	88.0	2.4	1.0	0.6
160	2/16/2014 3:16:12	11.63	45.11	29.11	7.98	7.86	10.5	2.611	88.3	3.1	1.3	0.7
161	2/16/2014 3:31:12	11.65	44.97	29.02	8.03	7.86	8.3	2.516	88.7	2.4	1.0	0.6
162	2/16/2014 3:46:12	11.62	44.71	28.83	7.97	7.84	8.3	2.426	87.9	2.3	1.0	0.5
163	2/16/2014 4:01:12	11.55	44.34	28.56	7.90	7.83	8.6	2.342	86.9	2.3	1.0	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
164	2/16/2014 4:16:12	11.55	45.14	29.13	7.99	7.85	8.5	2.245	88.1	2.5	1.1	0.6
165	2/16/2014 4:31:12	11.67	44.53	28.70	7.92	7.82	8.4	2.160	87.4	3.0	1.3	0.7
166	2/16/2014 4:46:12	11.54	44.73	28.83	7.86	7.82	7.8	2.072	86.5	3.0	1.3	0.7
167	2/16/2014 5:01:12	11.59	44.47	28.65	7.83	7.81	7.8	1.982	86.2	2.4	1.0	0.6
168	2/16/2014 5:16:12	11.58	44.31	28.54	7.80	7.80	7.5	1.926	85.8	2.4	1.0	0.6
169	2/16/2014 5:31:12	11.53	44.24	28.49	7.75	7.80	6.7	1.859	85.2	2.8	1.2	0.6
170	2/16/2014 5:46:12	11.59	43.84	28.21	7.70	7.79	6.2	1.783	84.5	2.5	1.1	0.6
171	2/16/2014 6:01:12	11.60	43.78	28.16	7.67	7.78	6.7	1.750	84.2	2.8	1.2	0.7
172	2/16/2014 6:16:12	11.58	43.82	28.19	7.45	7.77	4.9	1.718	81.8	2.3	1.0	0.5
173	2/16/2014 6:31:12	11.61	44.04	28.35	7.65	7.78	5.1	1.705	84.2	2.4	1.0	0.6
174	2/16/2014 6:46:12	11.69	44.23	28.49	7.67	7.79	5.6	1.690	84.6	2.1	0.9	0.5
175	2/16/2014 7:01:12	11.65	44.26	28.50	7.73	7.79	5.6	1.727	85.2	2.4	1.0	0.6
176	2/16/2014 7:16:12	11.55	43.88	28.23	7.77	7.79	6.1	1.768	85.3	2.0	0.9	0.5
177	2/16/2014 7:31:12	11.53	43.64	28.06	7.77	7.78	6.5	1.826	85.1	2.2	0.9	0.5
178	2/16/2014 7:46:12	11.56	43.09	27.67	7.78	7.78	7.2	1.908	85.2	2.7	1.2	0.6
179	2/16/2014 8:01:12	11.61	43.39	27.89	7.81	7.79	7.3	1.972	85.6	1.9	0.8	0.5
180	2/16/2014 8:16:12	11.60	43.09	27.67	7.81	7.79	7.1	2.052	85.5	2.5	1.1	0.6
181	2/16/2014 8:31:12	11.64	43.90	28.25	7.78	7.80	6.9	2.138	85.5	1.9	0.8	0.4
182	2/16/2014 8:46:12	11.63	44.15	28.43	7.86	7.82	6.6	2.229	86.5	2.1	0.9	0.5
183	2/16/2014 9:01:12	11.63	44.18	28.45	7.89	7.83	7.0	2.299	86.9	2.8	1.2	0.6
184	2/16/2014 9:16:12	11.70	45.27	29.23	7.94	7.85	6.4	2.374	87.9	2.0	0.9	0.5
185	2/16/2014 9:31:12	11.72	45.42	29.34	7.96	7.85	6.8	2.457	88.3	2.4	1.0	0.6
186	2/16/2014 9:46:12	11.73	45.43	29.35	7.97	7.85	7.6	2.532	88.4	1.8	0.8	0.4
187	2/16/2014 10:01:12	11.71	45.54	29.42	8.00	7.85	7.8	2.602	88.7	2.3	1.0	0.6
188	2/16/2014 10:16:12	11.67	45.53	29.41	8.02	7.87	7.7	2.690	88.9	2.3	1.0	0.5
189	2/16/2014 10:31:12	11.62	45.85	29.65	8.11	7.89	12.3	2.770	89.9	2.4	1.0	0.6
190	2/16/2014 10:46:12	11.62	45.98	29.73	8.18	7.90	9.5	2.859	90.7	2.3	1.0	0.5
191	2/16/2014 11:01:13	11.59	46.38	30.02	8.24	7.92	8.4	2.932	91.6	2.4	1.0	0.6
192	2/16/2014 11:16:12	11.58	46.51	30.12	8.29	7.93	7.6	3.014	92.2	2.3	1.0	0.5
193	2/16/2014 11:31:12	11.57	46.69	30.25	8.37	7.94	6.7	3.099	93.0	2.4	1.0	0.6
194	2/16/2014 11:46:12	11.56	46.82	30.34	8.37	7.95	7.0	3.164	93.1	2.3	1.0	0.5
195	2/16/2014 12:01:12	11.49	47.02	30.48	8.48	7.97	6.0	3.224	94.3	2.0	0.9	0.5
196	2/16/2014 12:16:12	11.45	47.26	30.65	8.55	7.98	5.4	3.269	95.1	1.8	0.8	0.4
197	2/16/2014 12:31:12	11.43	47.33	30.69	8.54	7.99	5.2	3.290	94.9	1.6	0.7	0.4
198	2/16/2014 12:46:12	11.42	47.39	30.74	8.46	7.98	3.3	3.319	94.1	1.1	0.5	0.3
199	2/16/2014 13:01:12	11.42	47.43	30.77	8.48	7.99	4.2	3.304	94.3	1.8	0.8	0.4
200	2/16/2014 13:16:12	11.42	47.47	30.80	8.49	7.99	5.4	3.271	94.4	1.8	0.8	0.4
201	2/16/2014 13:31:12	11.49	47.25	30.64	8.37	7.97	4.5	3.234	93.1	1.5	0.6	0.4
202	2/16/2014 13:46:12	11.77	46.61	30.20	8.28	7.94	5.3	3.159	92.5	1.9	0.8	0.4
203	2/16/2014 14:01:12	11.94	46.34	30.01	8.34	7.93	6.7	3.067	93.3	2.1	0.9	0.5
204	2/16/2014 14:16:12	12.09	45.95	29.73	8.34	7.91	6.4	2.986	93.5	2.0	0.9	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
205	2/16/2014 14:31:12	11.86	46.07	29.81	8.26	7.91	11.2	2.908	92.1	2.6	1.1	0.6
206	2/16/2014 14:46:12	12.00	45.80	29.62	8.20	7.90	7.5	2.787	91.6	2.5	1.1	0.6
207	2/16/2014 15:01:12	12.31	45.01	29.07	8.26	7.88	7.5	2.669	92.6	2.1	0.9	0.5
208	2/16/2014 15:16:12	12.30	45.01	29.07	8.27	7.88	8.9	2.576	92.8	2.3	1.0	0.6
209	2/16/2014 15:31:12	12.28	45.07	29.11	8.27	7.88	7.0	2.464	92.7	2.1	0.9	0.5
210	2/16/2014 15:46:12	12.27	44.91	29.00	8.20	7.86	8.7	2.344	91.8	2.5	1.1	0.6
211	2/16/2014 16:01:12	12.26	44.73	28.86	8.29	7.87	8.6	2.229	92.8	2.6	1.1	0.6
212	2/16/2014 16:16:12	12.28	44.54	28.73	8.48	7.88	6.2	2.123	94.8	2.7	1.2	0.6
213	2/16/2014 16:31:12	12.28	44.29	28.55	8.36	7.86	6.7	2.015	93.4	2.1	0.9	0.5
214	2/16/2014 16:46:13	12.33	44.68	28.84	8.66	7.91	6.9	1.885	97.0	2.3	1.0	0.5
215	2/16/2014 17:01:13	12.34	44.28	28.55	8.67	7.89	7.6	1.777	97.0	1.9	0.8	0.4
216	2/16/2014 17:16:12	12.32	44.06	28.39	8.47	7.86	7.3	1.645	94.6	2.5	1.1	0.6
217	2/16/2014 17:31:12	12.30	43.81	28.21	8.56	7.87	8.1	1.555	95.5	2.4	1.0	0.6
218	2/16/2014 17:46:12	12.28	43.73	28.16	8.46	7.86	7.1	1.467	94.2	2.3	1.0	0.5
219	2/16/2014 18:01:12	12.28	43.55	28.03	8.30	7.84	7.5	1.368	92.4	2.5	1.1	0.6
220	2/16/2014 18:16:12	12.30	43.37	27.90	8.25	7.82	6.2	1.311	91.8	2.4	1.0	0.6
221	2/16/2014 18:31:12	12.30	43.31	27.86	8.12	7.81	5.1	1.271	90.3	2.5	1.1	0.6
222	2/16/2014 18:46:12	12.30	43.24	27.80	8.00	7.80	3.9	1.268	89.0	2.5	1.1	0.6
223	2/16/2014 19:01:12	12.28	43.25	27.81	8.18	7.80	4.9	1.244	90.9	2.6	1.1	0.6
224	2/16/2014 19:16:12	12.27	43.15	27.74	8.32	7.82	5.8	1.301	92.4	2.4	1.0	0.6
225	2/16/2014 19:31:12	12.27	43.38	27.90	8.28	7.82	5.1	1.339	92.1	2.6	1.1	0.6
226	2/16/2014 19:46:12	12.24	43.24	27.80	8.29	7.81	5.1	1.395	92.1	2.2	0.9	0.5
227	2/16/2014 20:01:12	12.27	42.30	27.14	8.38	7.82	6.8	1.479	92.8	3.0	1.3	0.7
228	2/16/2014 20:16:12	12.29	42.60	27.35	8.32	7.82	6.7	1.546	92.2	3.1	1.3	0.7
229	2/16/2014 20:31:12	12.29	42.33	27.16	8.30	7.81	7.5	1.636	91.9	2.5	1.1	0.6
230	2/16/2014 20:46:12	12.27	42.50	27.28	8.25	7.81	7.1	1.729	91.4	3.4	1.5	0.8
231	2/16/2014 21:01:12	12.29	43.16	27.75	8.18	7.81	6.1	1.809	90.9	2.3	1.0	0.5
232	2/16/2014 21:16:12	12.23	43.08	27.69	8.20	7.83	6.5	1.895	91.0	3.3	1.4	0.8
233	2/16/2014 21:31:12	12.19	43.48	27.97	8.14	7.83	6.2	1.987	90.5	2.7	1.2	0.6
234	2/16/2014 21:46:12	12.17	44.27	28.53	8.03	7.83	6.7	2.089	89.4	2.7	1.2	0.6
235	2/16/2014 22:01:12	12.17	44.39	28.62	8.06	7.83	6.4	2.177	89.9	2.7	1.2	0.6
236	2/16/2014 22:16:12	12.20	44.55	28.74	8.15	7.84	7.3	2.269	90.9	3.0	1.3	0.7
237	2/16/2014 22:31:12	12.16	44.66	28.81	8.16	7.85	7.6	2.350	91.1	2.4	1.0	0.6
238	2/16/2014 22:46:12	12.09	44.42	28.64	8.20	7.85	7.5	2.452	91.3	1.9	0.8	0.5
239	2/16/2014 23:01:12	12.06	44.90	28.98	8.18	7.86	9.3	2.533	91.2	2.8	1.2	0.7
240	2/16/2014 23:16:12	11.95	45.10	29.12	8.24	7.88	10.6	2.621	91.7	2.6	1.1	0.6
241	2/16/2014 23:31:12	11.91	45.44	29.36	8.28	7.89	11.4	2.696	92.2	2.7	1.2	0.6
242	2/16/2014 23:46:12	11.82	45.57	29.45	8.32	7.90	9.8	2.786	92.5	2.5	1.1	0.6
243	2/17/2014 0:01:12	11.75	46.05	29.79	8.37	7.92	9.9	2.859	93.2	2.7	1.2	0.6
244	2/17/2014 0:16:12	11.65	46.60	30.18	8.49	7.94	10.3	2.950	94.5	3.2	1.4	0.8
245	2/17/2014 0:31:13	11.56	47.08	30.52	8.66	7.97	8.9	3.019	96.5	2.2	0.9	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
246	2/17/2014 0:46:12	11.52	47.21	30.61	8.74	7.98	9.2	3.100	97.3	2.6	1.1	0.6
247	2/17/2014 1:01:12	11.48	47.55	30.86	8.83	7.99	8.6	3.171	98.4	2.5	1.1	0.6
248	2/17/2014 1:16:13	11.46	47.75	31.00	8.88	8.00	6.8	3.178	99.0	2.5	1.1	0.6
249	2/17/2014 1:31:13	11.42	47.85	31.07	8.92	8.01	6.1	3.234	99.4	2.7	1.2	0.6
250	2/17/2014 1:46:12	11.41	47.86	31.08	8.87	8.00	4.0	3.232	98.8	1.9	0.8	0.4
251	2/17/2014 2:01:12	11.42	47.87	31.08	8.90	8.00	6.6	3.212	99.2	2.4	1.0	0.6
252	2/17/2014 2:16:12	11.42	47.76	31.01	8.87	8.00	5.7	3.199	98.8	2.4	1.0	0.6
253	2/17/2014 2:31:12	11.52	46.19	29.88	8.37	7.93	8.2	3.119	92.8	2.5	1.1	0.6
254	2/17/2014 2:46:12	11.56	45.88	29.66	8.20	7.91	8.9	3.040	90.8	2.4	1.0	0.6
255	2/17/2014 3:01:12	11.61	45.91	29.69	8.28	7.91	8.7	2.950	91.8	2.3	1.0	0.5
256	2/17/2014 3:16:12	11.51	45.71	29.54	8.31	7.91	12.0	2.863	91.8	2.3	1.0	0.5
257	2/17/2014 3:31:12	11.52	45.24	29.20	8.32	7.90	10.8	2.750	91.8	3.1	1.3	0.7
258	2/17/2014 3:46:12	11.50	44.83	28.91	8.22	7.87	15.2	2.639	90.5	3.2	1.4	0.8
259	2/17/2014 4:01:12	11.44	44.85	28.92	8.18	7.87	9.5	2.566	90.0	2.7	1.2	0.6
260	2/17/2014 4:16:13	11.46	44.70	28.81	8.19	7.87	10.3	2.465	90.0	2.9	1.2	0.7
261	2/17/2014 4:31:12	11.45	45.13	29.12	8.12	7.87	7.9	2.372	89.5	2.7	1.2	0.6
262	2/17/2014 4:46:12	11.45	44.64	28.77	8.12	7.85	7.6	2.266	89.2	2.6	1.1	0.6
263	2/17/2014 5:01:13	11.49	44.18	28.44	8.12	7.84	8.5	2.170	89.1	2.6	1.1	0.6
264	2/17/2014 5:16:13	11.45	44.07	28.36	8.07	7.83	8.3	2.079	88.5	2.9	1.2	0.7
265	2/17/2014 5:31:13	11.41	43.76	28.14	8.01	7.82	7.2	1.995	87.5	2.6	1.1	0.6
266	2/17/2014 5:46:12	11.32	43.70	28.09	7.95	7.81	7.0	1.895	86.8	2.5	1.1	0.6
267	2/17/2014 6:01:12	11.28	43.30	27.81	7.92	7.79	8.1	1.814	86.2	2.9	1.2	0.7
268	2/17/2014 6:16:12	11.30	42.89	27.52	7.88	7.78	6.8	1.764	85.6	3.0	1.3	0.7
269	2/17/2014 6:31:13	11.29	42.82	27.47	7.65	7.78	6.1	1.697	83.1	2.9	1.2	0.7
270	2/17/2014 6:46:12	11.30	42.67	27.36	7.73	7.77	5.1	1.662	83.9	2.9	1.2	0.7
271	2/17/2014 7:01:12	11.30	42.72	27.40	7.64	7.76	4.2	1.632	82.9	2.6	1.1	0.6
272	2/17/2014 7:16:12	11.41	42.83	27.48	7.83	7.77	5.3	1.632	85.2	2.5	1.1	0.6
273	2/17/2014 7:31:12	11.32	42.84	27.48	7.89	7.78	6.7	1.655	85.7	2.4	1.0	0.6
274	2/17/2014 7:46:12	11.42	42.96	27.57	7.88	7.78	7.3	1.681	85.9	2.2	0.9	0.5
275	2/17/2014 8:01:12	11.34	42.93	27.55	7.90	7.78	7.2	1.732	86.0	2.8	1.2	0.6
276	2/17/2014 8:16:12	11.35	42.66	27.36	7.94	7.78	6.1	1.822	86.3	2.5	1.1	0.6
277	2/17/2014 8:31:12	11.42	42.94	27.56	7.91	7.78	6.4	1.869	86.2	2.5	1.1	0.6
278	2/17/2014 8:46:12	11.44	43.03	27.63	7.90	7.79	7.0	1.971	86.2	2.5	1.1	0.6
279	2/17/2014 9:01:12	11.49	43.31	27.82	7.94	7.80	6.9	2.048	86.8	2.2	0.9	0.5
280	2/17/2014 9:16:12	11.49	43.59	28.03	7.96	7.82	6.4	2.112	87.1	2.4	1.0	0.6
281	2/17/2014 9:31:13	11.50	43.97	28.29	8.00	7.83	5.7	2.208	87.7	2.1	0.9	0.5
282	2/17/2014 9:46:12	11.59	44.41	28.61	8.04	7.85	6.1	2.271	88.5	2.5	1.1	0.6
283	2/17/2014 10:01:12	11.62	44.53	28.70	8.08	7.85	5.9	2.355	89.1	2.4	1.0	0.6
284	2/17/2014 10:16:12	11.67	45.00	29.03	8.09	7.86	6.7	2.436	89.4	2.1	0.9	0.5
285	2/17/2014 10:31:13	11.65	45.09	29.10	8.09	7.86	6.4	2.500	89.5	3.0	1.3	0.7
286	2/17/2014 10:46:12	11.64	45.15	29.14	8.13	7.87	6.8	2.562	89.9	2.0	0.9	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
287	2/17/2014 11:01:12	11.61	45.51	29.40	8.18	7.88	7.6	2.654	90.6	2.2	0.9	0.5
288	2/17/2014 11:16:12	11.56	45.61	29.47	8.23	7.89	7.9	2.716	91.1	2.1	0.9	0.5
289	2/17/2014 11:31:12	11.54	45.80	29.60	8.36	7.91	8.3	2.810	92.5	2.4	1.0	0.6
290	2/17/2014 11:46:12	11.50	46.09	29.81	8.44	7.92	8.0	2.872	93.5	2.1	0.9	0.5
291	2/17/2014 12:01:12	11.47	46.23	29.91	8.50	7.93	7.9	2.954	94.1	2.7	1.2	0.6
292	2/17/2014 12:16:12	11.45	46.40	30.03	8.56	7.95	7.8	3.011	94.8	2.6	1.1	0.6
293	2/17/2014 12:31:12	11.43	46.67	30.22	8.62	7.96	8.1	3.075	95.5	2.5	1.1	0.6
294	2/17/2014 12:46:13	11.40	46.89	30.38	8.68	7.97	7.3	3.134	96.2	2.3	1.0	0.5
295	2/17/2014 13:01:13	11.37	47.08	30.51	8.76	7.99	6.7	3.178	97.1	2.1	0.9	0.5
296	2/17/2014 13:16:12	11.37	46.98	30.45	8.77	7.98	4.8	3.208	97.2	1.7	0.7	0.4
297	2/17/2014 13:31:13	11.40	47.02	30.47	8.67	7.98	6.1	3.216	96.1	2.1	0.9	0.5
298	2/17/2014 13:46:13	11.36	47.21	30.61	8.73	7.99	6.8	3.194	96.9	2.1	0.9	0.5
299	2/17/2014 14:01:13	11.35	47.14	30.55	8.72	7.99	6.1	3.159	96.7	2.4	1.0	0.6
300	2/17/2014 14:16:13	11.68	46.25	29.94	8.59	7.95	6.9	3.086	95.6	2.3	1.0	0.5
301	2/17/2014 14:31:13	11.89	45.84	29.65	8.64	7.94	5.2	3.025	96.4	2.3	1.0	0.5
302	2/17/2014 14:46:13	11.93	45.41	29.34	8.47	7.92	6.3	2.950	94.3	2.5	1.1	0.6
303	2/17/2014 15:01:13	11.78	45.61	29.48	8.40	7.91	7.2	2.847	93.3	2.4	1.0	0.6
304	2/17/2014 15:16:12	11.90	45.19	29.18	8.36	7.90	7.2	2.747	93.0	2.2	0.9	0.5
305	2/17/2014 15:31:12	11.90	45.15	29.15	8.30	7.89	6.2	2.644	92.3	2.8	1.2	0.7
306	2/17/2014 15:46:13	11.91	45.04	29.08	8.26	7.88	6.2	2.560	91.8	2.2	0.9	0.5
307	2/17/2014 16:01:13	11.90	45.02	29.06	8.27	7.88	5.9	2.440	91.9	2.5	1.1	0.6
308	2/17/2014 16:16:13	11.88	45.08	29.10	8.34	7.89	5.8	2.335	92.7	2.7	1.2	0.6
309	2/17/2014 16:31:13	11.86	44.97	29.02	8.44	7.90	5.9	2.237	93.7	2.7	1.2	0.6
310	2/17/2014 16:46:12	11.89	44.33	28.56	8.25	7.86	5.6	2.122	91.4	3.4	1.5	0.8
311	2/17/2014 17:01:12	11.89	44.31	28.55	8.50	7.89	6.4	2.024	94.1	2.9	1.2	0.7
312	2/17/2014 17:16:13	11.91	44.03	28.35	8.45	7.88	5.4	1.906	93.5	3.1	1.3	0.7
313	2/17/2014 17:31:12	11.92	43.69	28.11	8.44	7.86	5.1	1.799	93.2	2.6	1.1	0.6
314	2/17/2014 17:46:12	11.93	43.57	28.03	8.30	7.85	4.5	1.702	91.8	3.0	1.3	0.7
315	2/17/2014 18:01:13	11.93	43.50	27.98	8.38	7.86	4.2	1.596	92.6	2.5	1.1	0.6
316	2/17/2014 18:16:13	11.91	43.26	27.81	8.46	7.86	4.8	1.499	93.4	2.3	1.0	0.5
317	2/17/2014 18:31:12	11.91	43.07	27.67	8.25	7.83	5.0	1.468	90.9	2.4	1.0	0.6
318	2/17/2014 18:46:12	11.92	43.00	27.62	8.20	7.82	4.6	1.373	90.4	2.8	1.2	0.7
319	2/17/2014 19:01:12	11.92	42.95	27.59	7.95	7.81	3.7	1.376	87.6	3.0	1.3	0.7
320	2/17/2014 19:16:12	11.91	42.90	27.55	7.97	7.81	3.6	1.312	87.8	3.1	1.3	0.7
321	2/17/2014 19:31:13	11.92	43.03	27.65	8.15	7.82	4.5	1.321	89.9	2.6	1.1	0.6
322	2/17/2014 19:46:13	11.91	43.08	27.68	8.25	7.82	4.6	1.398	90.9	2.7	1.2	0.6
323	2/17/2014 20:01:12	11.92	43.20	27.76	8.26	7.82	4.8	1.420	91.1	2.1	0.9	0.5
324	2/17/2014 20:16:13	11.92	43.13	27.71	8.19	7.81	4.0	1.463	90.3	2.5	1.1	0.6
325	2/17/2014 20:31:12	11.91	42.90	27.55	8.21	7.81	4.8	1.559	90.4	2.7	1.2	0.6
326	2/17/2014 20:46:12	11.82	41.18	26.33	8.40	7.81	5.7	1.629	91.6	3.2	1.4	0.7
327	2/17/2014 21:01:12	11.88	42.47	27.25	8.22	7.81	4.7	1.710	90.2	3.1	1.3	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
328	2/17/2014 21:16:12	11.91	43.08	27.68	8.13	7.81	4.5	1.813	89.6	2.7	1.2	0.6
329	2/17/2014 21:31:12	11.90	43.33	27.85	8.12	7.83	4.6	1.872	89.6	2.6	1.1	0.6
330	2/17/2014 21:46:13	11.89	43.61	28.05	8.14	7.84	5.3	1.987	89.8	2.8	1.2	0.7
331	2/17/2014 22:01:13	11.88	44.00	28.33	8.14	7.85	5.0	2.063	90.0	2.9	1.2	0.7
332	2/17/2014 22:16:12	11.88	44.18	28.46	8.15	7.85	5.3	2.162	90.2	2.8	1.2	0.7
333	2/17/2014 22:31:12	11.88	44.20	28.48	8.14	7.85	5.0	2.244	90.1	3.2	1.4	0.8
334	2/17/2014 22:46:12	11.88	44.36	28.59	8.21	7.86	5.9	2.336	90.9	3.1	1.3	0.7
335	2/17/2014 23:01:13	11.88	44.58	28.75	8.27	7.87	6.0	2.418	91.7	2.7	1.2	0.6
336	2/17/2014 23:16:13	11.86	44.80	28.90	8.30	7.88	6.1	2.505	92.0	3.5	1.5	0.8
337	2/17/2014 23:31:12	11.83	44.99	29.04	8.30	7.88	6.7	2.584	92.1	3.4	1.5	0.8
338	2/17/2014 23:46:13	11.79	45.25	29.22	8.33	7.90	8.8	2.675	92.5	3.3	1.4	0.8
339	2/18/2014 0:01:13	11.74	45.47	29.38	8.42	7.91	9.4	2.751	93.4	2.9	1.2	0.7
340	2/18/2014 0:16:12	11.69	45.62	29.48	8.47	7.92	9.2	2.846	94.0	3.7	1.6	0.9
341	2/18/2014 0:31:12	11.62	46.03	29.77	8.56	7.94	9.1	2.930	94.9	2.9	1.2	0.7
342	2/18/2014 0:46:12	11.52	46.60	30.18	8.72	7.97	11.2	3.020	96.8	2.8	1.2	0.7
343	2/18/2014 1:01:12	11.46	47.11	30.54	8.85	7.99	12.9	3.093	98.4	2.7	1.2	0.6
344	2/18/2014 1:16:12	11.43	47.32	30.69	8.93	7.99	9.8	3.139	99.3	2.5	1.1	0.6
345	2/18/2014 1:31:12	11.38	47.72	30.98	9.02	8.01	9.8	3.196	100.4	2.7	1.2	0.6
346	2/18/2014 1:46:13	11.36	47.90	31.10	9.07	8.02	8.8	3.245	101.0	2.3	1.0	0.5
347	2/18/2014 2:01:12	11.35	47.81	31.04	9.03	8.01	5.6	3.279	100.5	2.6	1.1	0.6
348	2/18/2014 2:16:13	11.35	48.01	31.18	8.99	8.02	5.1	3.259	100.1	2.2	0.9	0.5
349	2/18/2014 2:31:13	11.35	48.00	31.17	9.03	8.02	8.7	3.253	100.6	2.1	0.9	0.5
350	2/18/2014 2:46:13	11.38	47.80	31.04	9.00	8.01	8.3	3.210	100.1	2.0	0.9	0.5
351	2/18/2014 3:01:12	11.57	45.88	29.67	8.33	7.93	7.0	3.141	92.3	2.6	1.1	0.6
352	2/18/2014 3:16:13	11.60	45.93	29.70	8.32	7.92	6.8	3.073	92.2	2.9	1.2	0.7
353	2/18/2014 3:31:13	11.56	46.35	30.00	8.45	7.94	8.7	2.988	93.8	2.3	1.0	0.5
354	2/18/2014 3:46:13	11.63	45.73	29.56	8.35	7.92	13.8	2.883	92.6	2.5	1.1	0.6
355	2/18/2014 4:01:12	11.64	45.61	29.47	8.26	7.90	8.4	2.775	91.5	2.7	1.2	0.6
356	2/18/2014 4:16:12	11.66	45.33	29.27	8.19	7.89	9.8	2.664	90.7	3.0	1.3	0.7
357	2/18/2014 4:31:12	11.67	45.24	29.21	8.18	7.89	9.9	2.585	90.6	2.7	1.2	0.6
358	2/18/2014 4:46:12	11.66	45.16	29.15	8.15	7.88	8.6	2.482	90.2	2.9	1.2	0.7
359	2/18/2014 5:01:12	11.69	45.03	29.06	8.10	7.87	7.8	2.385	89.6	2.5	1.1	0.6
360	2/18/2014 5:16:12	11.69	44.86	28.93	8.01	7.86	7.1	2.300	88.6	2.3	1.0	0.5
361	2/18/2014 5:31:12	11.69	44.54	28.71	7.97	7.85	6.8	2.182	88.0	2.9	1.2	0.7
362	2/18/2014 5:46:13	11.71	43.94	28.28	7.94	7.83	6.4	2.100	87.5	3.0	1.3	0.7
363	2/18/2014 6:01:12	11.71	43.58	28.02	7.88	7.82	5.9	1.996	86.6	2.7	1.2	0.6
364	2/18/2014 6:16:12	11.62	43.94	28.28	7.83	7.82	6.5	1.899	86.1	3.3	1.4	0.8
365	2/18/2014 6:31:13	11.66	43.47	27.95	7.77	7.80	5.9	1.841	85.4	2.4	1.0	0.6
366	2/18/2014 6:46:13	11.65	43.23	27.78	7.66	7.79	5.0	1.747	84.0	2.9	1.2	0.7
367	2/18/2014 7:01:12	11.66	43.12	27.70	7.63	7.77	4.3	1.704	83.6	2.4	1.0	0.6
368	2/18/2014 7:16:13	11.68	43.07	27.66	7.59	7.77	4.2	1.640	83.2	2.6	1.1	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
369	2/18/2014 7:31:12	11.69	42.92	27.56	7.51	7.76	3.3	1.603	82.4	2.1	0.9	0.5
370	2/18/2014 7:46:12	11.69	42.93	27.56	7.19	7.77	3.2	1.567	78.8	2.2	0.9	0.5
371	2/18/2014 8:01:12	11.67	42.87	27.52	7.62	7.76	4.5	1.581	83.5	2.5	1.1	0.6
372	2/18/2014 8:16:12	11.67	43.06	27.65	7.63	7.77	5.0	1.600	83.7	2.5	1.1	0.6
373	2/18/2014 8:31:13	11.69	43.16	27.72	7.67	7.78	5.6	1.638	84.2	2.4	1.0	0.6
374	2/18/2014 8:46:13	11.67	43.15	27.72	7.68	7.78	6.2	1.707	84.3	2.1	0.9	0.5
375	2/18/2014 9:01:12	11.68	42.98	27.59	7.73	7.78	6.1	1.738	84.7	3.0	1.3	0.7
376	2/18/2014 9:16:12	11.70	43.06	27.66	7.72	7.78	5.4	1.867	84.7	2.1	0.9	0.5
377	2/18/2014 9:31:13	11.70	43.04	27.64	7.73	7.79	5.9	1.926	84.8	2.8	1.2	0.7
378	2/18/2014 9:46:12	11.71	43.17	27.73	7.74	7.79	5.7	2.016	84.9	2.3	1.0	0.5
379	2/18/2014 10:01:12	11.71	43.68	28.10	7.82	7.81	6.2	2.107	86.0	2.7	1.2	0.6
380	2/18/2014 10:16:13	11.73	43.72	28.13	7.85	7.82	5.1	2.150	86.5	2.4	1.0	0.6
381	2/18/2014 10:31:13	11.72	44.28	28.52	7.95	7.84	5.5	2.244	87.7	2.4	1.0	0.6
382	2/18/2014 10:46:12	11.76	44.54	28.71	8.04	7.86	5.7	2.314	88.9	2.2	0.9	0.5
383	2/18/2014 11:01:13	11.77	44.80	28.90	8.11	7.87	5.3	2.389	89.8	2.4	1.0	0.6
384	2/18/2014 11:16:12	11.76	44.92	28.99	8.13	7.87	6.2	2.450	90.1	2.7	1.2	0.6
385	2/18/2014 11:31:13	11.77	45.13	29.13	8.20	7.88	5.8	2.531	90.9	2.3	1.0	0.5
386	2/18/2014 11:46:12	11.73	45.17	29.16	8.28	7.90	6.2	2.614	91.8	2.7	1.2	0.6
387	2/18/2014 12:01:13	11.69	45.55	29.43	8.32	7.91	7.9	2.665	92.3	2.7	1.2	0.6
388	2/18/2014 12:16:13	11.69	45.60	29.47	8.41	7.92	6.8	2.737	93.2	2.3	1.0	0.5
389	2/18/2014 12:31:12	11.71	45.76	29.58	8.44	7.92	6.2	2.796	93.7	2.3	1.0	0.6
390	2/18/2014 12:46:13	11.68	45.98	29.74	8.47	7.93	6.2	2.859	94.1	2.8	1.2	0.7
391	2/18/2014 13:01:12	11.69	46.04	29.78	8.53	7.94	5.6	2.919	94.9	2.6	1.1	0.6
392	2/18/2014 13:16:12	11.66	46.35	30.00	8.59	7.95	5.9	2.976	95.5	2.5	1.1	0.6
393	2/18/2014 13:31:13	11.62	46.65	30.21	8.64	7.96	5.6	3.029	96.2	2.4	1.0	0.6
394	2/18/2014 13:46:13	11.59	46.70	30.25	8.66	7.97	5.6	3.049	96.4	2.1	0.9	0.5
395	2/18/2014 14:01:13	11.55	46.95	30.43	8.68	7.97	3.9	3.074	96.6	2.5	1.1	0.6
396	2/18/2014 14:16:13	11.55	46.92	30.41	8.58	7.97	5.1	3.068	95.5	2.3	1.0	0.5
397	2/18/2014 14:31:12	11.52	47.03	30.49	8.65	7.97	6.2	3.046	96.3	1.9	0.8	0.5
398	2/18/2014 14:46:12	11.60	46.67	30.23	8.48	7.96	4.3	3.003	94.3	2.2	0.9	0.5
399	2/18/2014 15:01:12	11.96	45.84	29.65	8.58	7.95	5.3	2.957	95.9	2.5	1.1	0.6
400	2/18/2014 15:16:13	12.04	45.58	29.47	8.57	7.94	5.9	2.880	95.8	2.7	1.2	0.6
401	2/18/2014 15:31:13	11.96	45.56	29.45	8.38	7.92	6.7	2.782	93.5	2.5	1.1	0.6
402	2/18/2014 15:46:12	11.88	45.41	29.34	8.37	7.91	7.8	2.718	93.1	2.3	1.0	0.5
403	2/18/2014 16:01:12	12.07	45.02	29.06	8.36	7.91	6.9	2.622	93.3	2.5	1.1	0.6
404	2/18/2014 16:16:13	12.07	45.01	29.06	8.31	7.90	6.5	2.519	92.7	2.8	1.2	0.7
405	2/18/2014 16:31:12	12.05	44.94	29.01	8.25	7.89	6.0	2.450	92.0	2.2	0.9	0.5
406	2/18/2014 16:46:12	12.02	44.87	28.95	8.26	7.89	6.8	2.339	91.9	2.3	1.0	0.5
407	2/18/2014 17:01:13	12.04	44.72	28.85	8.26	7.88	5.9	2.233	91.9	2.6	1.1	0.6
408	2/18/2014 17:16:13	11.99	44.86	28.95	8.25	7.89	5.9	2.143	91.8	2.6	1.1	0.6
409	2/18/2014 17:31:13	12.02	44.58	28.75	8.26	7.89	5.4	2.038	91.8	2.5	1.1	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
410	2/18/2014 17:46:12	12.07	44.17	28.46	8.23	7.88	5.4	1.956	91.4	2.4	1.0	0.6
411	2/18/2014 18:01:12	12.10	44.14	28.44	8.27	7.88	5.4	1.870	92.0	3.5	1.5	0.8
412	2/18/2014 18:16:12	12.16	43.86	28.24	8.22	7.87	5.1	1.766	91.4	2.8	1.2	0.7
413	2/18/2014 18:31:12	12.22	43.40	27.92	8.26	7.86	5.1	1.666	91.7	2.9	1.2	0.7
414	2/18/2014 18:46:12	12.27	43.22	27.79	8.16	7.85	4.6	1.609	90.6	2.8	1.2	0.6
415	2/18/2014 19:01:12	12.29	43.16	27.75	8.13	7.84	3.7	1.541	90.4	3.3	1.4	0.8
416	2/18/2014 19:16:12	12.30	42.89	27.56	7.94	7.83	3.6	1.484	88.1	2.7	1.2	0.6
417	2/18/2014 19:31:12	12.30	42.90	27.57	7.63	7.83	2.5	1.460	84.7	2.4	1.0	0.6
418	2/18/2014 19:46:12	12.30	42.99	27.63	7.86	7.82	3.0	1.434	87.4	3.3	1.4	0.8
419	2/18/2014 20:01:12	12.27	43.19	27.77	8.04	7.82	4.3	1.446	89.3	2.6	1.1	0.6
420	2/18/2014 20:16:12	12.27	43.17	27.75	8.07	7.82	4.7	1.487	89.6	3.2	1.4	0.7
421	2/18/2014 20:31:13	12.24	43.24	27.81	8.07	7.83	4.3	1.508	89.6	2.9	1.2	0.7
422	2/18/2014 20:46:12	12.23	43.30	27.85	8.07	7.82	4.7	1.586	89.6	2.7	1.2	0.6
423	2/18/2014 21:01:12	12.22	43.14	27.73	8.11	7.83	4.2	1.680	90.0	2.9	1.2	0.7
424	2/18/2014 21:16:12	12.20	43.28	27.83	8.05	7.82	4.6	1.760	89.3	3.2	1.4	0.8
425	2/18/2014 21:31:13	12.18	43.42	27.93	8.00	7.83	5.1	1.855	88.8	2.6	1.1	0.6
426	2/18/2014 21:46:13	12.16	43.14	27.73	8.09	7.83	5.8	1.922	89.7	3.0	1.3	0.7
427	2/18/2014 22:01:12	12.15	43.15	27.74	8.14	7.84	5.1	1.992	90.2	3.1	1.3	0.7
428	2/18/2014 22:16:12	12.10	43.69	28.12	8.15	7.85	5.2	2.089	90.4	3.4	1.5	0.8
429	2/18/2014 22:31:13	12.05	44.36	28.60	8.16	7.87	5.0	2.163	90.8	2.7	1.2	0.6
430	2/18/2014 22:46:12	12.00	44.53	28.71	8.18	7.87	4.8	2.230	90.9	2.8	1.2	0.7
431	2/18/2014 23:01:12	11.98	44.62	28.78	8.18	7.87	5.1	2.319	90.9	3.1	1.3	0.7
432	2/18/2014 23:16:12	11.97	44.75	28.87	8.21	7.88	5.6	2.394	91.3	3.1	1.3	0.7
433	2/18/2014 23:31:12	11.97	44.70	28.84	8.28	7.88	5.7	2.475	92.0	3.2	1.4	0.8
434	2/18/2014 23:46:12	11.98	44.84	28.93	8.36	7.90	5.5	2.557	93.0	2.9	1.2	0.7
435	2/19/2014 0:01:12	11.92	45.04	29.08	8.41	7.90	6.7	2.647	93.5	3.0	1.3	0.7
436	2/19/2014 0:16:12	11.86	45.22	29.20	8.45	7.91	7.5	2.733	93.9	3.2	1.4	0.8
437	2/19/2014 0:31:13	11.81	45.66	29.52	8.52	7.93	8.7	2.798	94.7	2.7	1.2	0.6
438	2/19/2014 0:46:13	11.78	45.79	29.61	8.55	7.94	7.6	2.893	95.1	3.1	1.3	0.7
439	2/19/2014 1:01:12	11.73	45.98	29.74	8.59	7.95	7.8	2.983	95.6	2.9	1.2	0.7
440	2/19/2014 1:16:13	11.66	46.53	30.13	8.68	7.97	8.3	3.048	96.7	2.3	1.0	0.6
441	2/19/2014 1:31:13	11.61	46.96	30.44	8.76	7.98	9.2	3.110	97.6	2.7	1.2	0.6
442	2/19/2014 1:46:13	11.57	47.21	30.61	8.86	8.00	7.0	3.189	98.7	3.0	1.3	0.7
443	2/19/2014 2:01:12	11.55	47.35	30.72	8.88	8.00	6.7	3.228	99.0	2.8	1.2	0.6
444	2/19/2014 2:16:12	11.52	47.42	30.76	8.89	8.00	5.6	3.266	99.1	2.3	1.0	0.5
445	2/19/2014 2:31:12	11.51	47.46	30.79	8.86	8.01	4.1	3.299	98.7	1.9	0.8	0.4
446	2/19/2014 2:46:12	11.53	47.37	30.73	8.81	8.00	6.4	3.295	98.2	2.8	1.2	0.7
447	2/19/2014 3:01:12	11.51	47.43	30.77	8.84	8.00	6.2	3.280	98.5	2.4	1.0	0.6
448	2/19/2014 3:16:13	11.58	46.87	30.37	8.67	7.98	6.5	3.227	96.5	2.4	1.0	0.6
449	2/19/2014 3:31:12	11.62	46.30	29.97	8.49	7.95	8.1	3.162	94.3	2.8	1.2	0.7
450	2/19/2014 3:46:12	11.65	45.94	29.71	8.40	7.94	7.7	3.078	93.3	3.2	1.4	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
451	2/19/2014 4:01:13	11.62	46.17	29.87	8.47	7.95	9.5	2.995	94.1	2.9	1.2	0.7
452	2/19/2014 4:16:13	11.66	45.87	29.66	8.39	7.93	10.3	2.896	93.1	2.5	1.1	0.6
453	2/19/2014 4:31:12	11.65	45.68	29.52	8.34	7.92	11.1	2.801	92.4	2.8	1.2	0.7
454	2/19/2014 4:46:13	11.66	45.49	29.38	8.31	7.91	12.0	2.696	92.0	3.2	1.4	0.8
455	2/19/2014 5:01:13	11.63	45.40	29.32	8.29	7.91	8.9	2.601	91.7	2.7	1.2	0.6
456	2/19/2014 5:16:13	11.59	45.36	29.29	8.27	7.91	9.1	2.505	91.4	3.0	1.3	0.7
457	2/19/2014 5:31:13	11.61	45.11	29.11	8.18	7.89	8.1	2.409	90.4	2.8	1.2	0.7
458	2/19/2014 5:46:13	11.59	44.79	28.89	8.15	7.89	7.0	2.313	89.9	2.7	1.2	0.6
459	2/19/2014 6:01:12	11.64	44.32	28.55	8.08	7.86	8.2	2.210	89.0	3.1	1.3	0.7
460	2/19/2014 6:16:12	11.65	44.14	28.42	8.03	7.85	7.8	2.103	88.4	2.4	1.0	0.6
461	2/19/2014 6:31:13	11.52	44.26	28.50	7.97	7.85	8.4	2.025	87.6	2.3	1.0	0.5
462	2/19/2014 6:46:12	11.53	43.95	28.28	7.90	7.83	7.1	1.929	86.7	3.2	1.4	0.8
463	2/19/2014 7:01:13	11.49	43.77	28.15	7.86	7.83	7.6	1.833	86.1	2.6	1.1	0.6
464	2/19/2014 7:16:13	11.56	43.57	28.01	7.77	7.81	7.4	1.744	85.2	2.5	1.1	0.6
465	2/19/2014 7:31:12	11.60	43.32	27.84	7.71	7.80	7.0	1.684	84.5	2.3	1.0	0.5
466	2/19/2014 7:46:13	11.62	43.23	27.78	7.65	7.79	7.0	1.603	83.9	3.2	1.4	0.8
467	2/19/2014 8:01:13	11.69	43.10	27.68	7.65	7.78	6.8	1.563	83.9	2.7	1.2	0.6
468	2/19/2014 8:16:13	11.68	42.99	27.61	7.54	7.78	5.6	1.534	82.7	2.5	1.1	0.6
469	2/19/2014 8:31:12	11.69	42.97	27.59	7.25	7.78	4.8	1.516	79.4	2.9	1.2	0.7
470	2/19/2014 8:46:13	11.69	42.93	27.56	7.67	7.78	6.5	1.527	84.0	3.0	1.3	0.7
471	2/19/2014 9:01:12	11.69	43.08	27.67	7.68	7.78	6.2	1.558	84.3	3.3	1.4	0.8
472	2/19/2014 9:16:13	11.70	43.08	27.67	7.68	7.79	6.0	1.595	84.3	2.8	1.2	0.7
473	2/19/2014 9:31:12	11.76	43.18	27.74	7.70	7.79	5.9	1.645	84.7	2.9	1.2	0.7
474	2/19/2014 9:46:13	11.75	43.09	27.68	7.71	7.79	6.2	1.725	84.7	3.2	1.4	0.8
475	2/19/2014 10:01:12	11.73	42.90	27.55	7.72	7.79	6.5	1.797	84.7	3.0	1.3	0.7
476	2/19/2014 10:16:12	11.72	43.02	27.63	7.73	7.79	6.5	1.873	84.8	2.5	1.1	0.6
477	2/19/2014 10:31:12	11.72	43.17	27.74	7.71	7.80	6.2	1.939	84.7	2.8	1.2	0.7
478	2/19/2014 10:46:12	11.74	43.06	27.66	7.74	7.80	6.4	2.026	85.0	2.6	1.1	0.6
479	2/19/2014 11:01:12	11.75	43.43	27.92	7.85	7.82	6.3	2.112	86.4	2.4	1.0	0.6
480	2/19/2014 11:16:12	11.77	43.44	27.93	7.90	7.83	6.1	2.173	87.0	2.5	1.1	0.6
481	2/19/2014 11:31:13	11.78	43.79	28.18	8.00	7.85	5.4	2.239	88.1	2.3	1.0	0.5
482	2/19/2014 11:46:13	11.82	44.16	28.44	8.08	7.87	5.5	2.313	89.3	2.4	1.0	0.6
483	2/19/2014 12:01:12	11.80	44.61	28.76	8.13	7.88	4.9	2.359	90.1	2.4	1.0	0.6
484	2/19/2014 12:16:12	11.81	44.61	28.76	8.17	7.88	5.0	2.438	90.4	2.8	1.2	0.7
485	2/19/2014 12:31:13	11.81	44.75	28.86	8.22	7.89	4.8	2.520	91.1	2.4	1.0	0.6
486	2/19/2014 12:46:13	11.81	44.95	29.01	8.23	7.90	4.7	2.572	91.3	2.1	0.9	0.5
487	2/19/2014 13:01:13	11.81	45.11	29.12	8.28	7.91	5.2	2.634	91.9	2.7	1.2	0.6
488	2/19/2014 13:16:13	11.80	45.22	29.20	8.30	7.91	5.0	2.692	92.2	2.5	1.1	0.6
489	2/19/2014 13:31:12	11.76	45.33	29.28	8.33	7.92	4.7	2.737	92.4	2.6	1.1	0.6
490	2/19/2014 13:46:13	11.75	45.52	29.41	8.41	7.93	5.3	2.803	93.4	2.4	1.0	0.6
491	2/19/2014 14:01:13	11.73	45.63	29.49	8.44	7.94	4.9	2.829	93.8	2.6	1.1	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
492	2/19/2014 14:16:13	11.74	45.69	29.54	8.44	7.94	4.4	2.883	93.8	2.3	1.0	0.5
493	2/19/2014 14:31:12	11.74	45.72	29.56	8.45	7.94	4.2	2.929	93.9	2.7	1.2	0.6
494	2/19/2014 14:46:12	11.77	45.73	29.56	8.33	7.93	3.2	2.926	92.6	2.2	0.9	0.5
495	2/19/2014 15:01:13	11.75	45.73	29.56	8.38	7.94	4.1	2.923	93.2	2.8	1.2	0.7
496	2/19/2014 15:16:13	11.76	45.74	29.57	8.36	7.93	3.8	2.919	92.9	2.6	1.1	0.6
497	2/19/2014 15:31:13	11.77	45.72	29.56	8.34	7.93	5.0	2.855	92.7	2.3	1.0	0.5
498	2/19/2014 15:46:12	12.00	45.32	29.28	8.72	7.96	8.1	2.805	97.2	2.6	1.1	0.6
499	2/19/2014 16:01:12	11.97	45.22	29.21	8.73	7.95	8.6	2.758	97.3	3.2	1.4	0.7
500	2/19/2014 16:16:13	11.93	45.32	29.27	8.68	7.96	11.2	2.676	96.7	3.0	1.3	0.7
501	2/19/2014 16:31:12	11.90	45.17	29.17	8.71	7.95	12.2	2.605	96.9	3.3	1.4	0.8
502	2/19/2014 16:46:12	11.89	45.12	29.13	8.67	7.95	12.1	2.543	96.4	3.6	1.5	0.8
503	2/19/2014 17:01:13	12.00	44.85	28.94	8.69	7.95	12.6	2.448	96.7	3.3	1.4	0.8
504	2/19/2014 17:16:12	12.06	44.40	28.62	8.53	7.92	24.2	2.356	94.8	4.1	1.8	1.0
505	2/19/2014 17:31:12	11.95	44.19	28.47	8.56	7.91	22.0	2.280	94.9	3.7	1.6	0.9
506	2/19/2014 17:46:12	11.86	44.07	28.38	8.47	7.90	20.0	2.196	93.7	3.3	1.4	0.8
507	2/19/2014 18:01:12	11.98	43.61	28.06	8.34	7.87	17.9	2.098	92.3	3.6	1.5	0.8
508	2/19/2014 18:16:12	11.94	43.62	28.06	8.32	7.87	19.7	2.033	92.0	3.9	1.7	0.9
509	2/19/2014 18:31:12	11.84	43.85	28.22	8.39	7.89	18.1	1.961	92.6	4.2	1.8	1.0
510	2/19/2014 18:46:12	11.80	43.68	28.10	8.37	7.88	19.8	1.857	92.2	4.0	1.7	0.9
511	2/19/2014 19:01:13	12.06	43.17	27.75	8.19	7.84	23.1	1.784	90.6	4.5	1.9	1.1
512	2/19/2014 19:16:13	11.99	43.18	27.75	8.24	7.85	20.4	1.734	91.0	4.3	1.8	1.0
513	2/19/2014 19:31:13	12.02	42.98	27.61	8.21	7.84	19.9	1.647	90.6	4.1	1.8	1.0
514	2/19/2014 19:46:12	12.06	42.84	27.52	8.12	7.83	19.5	1.587	89.7	4.6	2.0	1.1
515	2/19/2014 20:01:12	12.07	42.77	27.46	7.89	7.82	19.0	1.548	87.2	4.4	1.9	1.0
516	2/19/2014 20:16:13	12.11	42.73	27.43	7.75	7.82	10.9	1.554	85.6	3.8	1.6	0.9
517	2/19/2014 20:31:13	12.07	42.69	27.40	7.84	7.81	17.5	1.557	86.6	3.9	1.7	0.9
518	2/19/2014 20:46:12	12.07	42.72	27.43	8.19	7.82	17.5	1.575	90.5	4.4	1.9	1.0
519	2/19/2014 21:01:12	12.07	42.77	27.46	8.15	7.82	16.1	1.609	90.0	4.2	1.8	1.0
520	2/19/2014 21:16:12	12.07	42.78	27.47	8.16	7.82	17.0	1.661	90.2	3.9	1.7	0.9
521	2/19/2014 21:31:12	12.06	42.68	27.40	8.16	7.82	15.1	1.697	90.0	3.6	1.5	0.8
522	2/19/2014 21:46:13	12.11	42.41	27.21	8.19	7.83	14.5	1.789	90.4	3.9	1.7	0.9
523	2/19/2014 22:01:12	12.13	42.66	27.38	8.14	7.82	15.3	1.879	89.9	4.3	1.8	1.0
524	2/19/2014 22:16:13	12.14	42.86	27.53	8.07	7.82	13.5	1.939	89.3	3.6	1.5	0.8
525	2/19/2014 22:31:13	12.12	42.91	27.57	8.10	7.83	13.9	2.025	89.6	3.5	1.5	0.8
526	2/19/2014 22:46:13	12.08	43.14	27.73	8.16	7.85	10.5	2.098	90.3	3.6	1.5	0.8
527	2/19/2014 23:01:12	12.04	43.28	27.82	8.26	7.87	8.1	2.158	91.4	3.3	1.4	0.8
528	2/19/2014 23:16:13	12.01	44.07	28.39	8.36	7.90	8.7	2.267	92.7	3.1	1.3	0.7
529	2/19/2014 23:31:12	11.98	44.44	28.65	8.40	7.91	8.9	2.349	93.3	3.0	1.3	0.7
530	2/19/2014 23:46:12	11.96	44.53	28.71	8.41	7.91	7.0	2.414	93.4	3.7	1.6	0.9
531	2/20/2014 0:01:12	11.94	44.60	28.76	8.45	7.92	7.6	2.481	93.8	3.0	1.3	0.7
532	2/20/2014 0:16:12	11.90	45.03	29.07	8.45	7.92	8.7	2.563	93.9	2.9	1.2	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
533	2/20/2014 0:31:13	11.85	45.36	29.30	8.49	7.94	10.0	2.649	94.4	3.1	1.3	0.7
534	2/20/2014 0:46:12	11.80	45.58	29.46	8.53	7.94	9.5	2.717	94.8	3.1	1.3	0.7
535	2/20/2014 1:01:12	11.76	45.65	29.51	8.55	7.95	8.3	2.786	95.0	2.7	1.2	0.6
536	2/20/2014 1:16:12	11.67	45.75	29.58	8.59	7.95	8.3	2.882	95.3	2.5	1.1	0.6
537	2/20/2014 1:31:13	11.65	45.97	29.73	8.62	7.96	9.2	2.951	95.7	2.6	1.1	0.6
538	2/20/2014 1:46:13	11.56	46.17	29.87	8.65	7.97	9.4	3.032	96.0	2.6	1.1	0.6
539	2/20/2014 2:01:12	11.53	46.48	30.09	8.70	7.98	9.3	3.110	96.5	3.0	1.3	0.7
540	2/20/2014 2:16:13	11.47	47.07	30.51	8.78	8.00	7.7	3.150	97.6	2.5	1.1	0.6
541	2/20/2014 2:31:13	11.45	47.17	30.58	8.82	8.01	7.1	3.211	98.0	2.6	1.1	0.6
542	2/20/2014 2:46:12	11.43	47.29	30.67	8.84	8.01	5.7	3.264	98.3	2.5	1.1	0.6
543	2/20/2014 3:01:12	11.43	47.29	30.67	8.78	8.01	4.6	3.272	97.6	2.6	1.1	0.6
544	2/20/2014 3:16:13	11.44	47.32	30.69	8.66	8.00	4.2	3.289	96.3	2.8	1.2	0.6
545	2/20/2014 3:31:12	11.46	46.51	30.11	8.43	7.96	4.5	3.264	93.4	3.0	1.3	0.7
546	2/20/2014 3:46:12	11.42	47.41	30.76	8.76	8.00	6.0	3.214	97.4	2.3	1.0	0.5
547	2/20/2014 4:01:13	11.39	46.02	29.75	8.43	7.96	8.4	3.150	93.1	2.5	1.1	0.6
548	2/20/2014 4:16:13	11.44	45.45	29.35	8.31	7.93	7.2	3.104	91.6	2.6	1.1	0.6
549	2/20/2014 4:31:13	11.49	45.54	29.41	8.32	7.94	8.4	3.019	91.9	2.2	0.9	0.5
550	2/20/2014 4:46:12	11.43	45.50	29.38	8.42	7.94	11.3	2.916	92.8	3.0	1.3	0.7
551	2/20/2014 5:01:13	11.42	45.37	29.29	8.44	7.94	13.1	2.824	93.0	2.9	1.2	0.7
552	2/20/2014 5:16:13	11.39	44.78	28.87	8.37	7.92	11.5	2.757	91.9	3.0	1.3	0.7
553	2/20/2014 5:31:12	11.32	44.16	28.42	8.29	7.90	11.9	2.636	90.6	2.8	1.2	0.7
554	2/20/2014 5:46:12	11.23	44.15	28.41	8.28	7.90	10.8	2.548	90.3	3.1	1.3	0.7
555	2/20/2014 6:01:13	11.30	44.16	28.42	8.25	7.90	9.5	2.464	90.1	2.9	1.2	0.7
556	2/20/2014 6:16:12	11.19	44.25	28.48	8.22	7.89	10.4	2.376	89.6	3.0	1.3	0.7
557	2/20/2014 6:31:13	11.13	44.22	28.46	8.15	7.88	9.2	2.277	88.7	2.9	1.2	0.7
558	2/20/2014 6:46:13	11.22	43.66	28.06	8.08	7.87	9.6	2.198	87.9	2.8	1.2	0.7
559	2/20/2014 7:01:13	11.20	43.58	28.01	8.10	7.86	8.8	2.093	88.1	3.3	1.4	0.8
560	2/20/2014 7:16:12	11.09	43.57	27.99	8.01	7.85	8.9	2.018	87.0	3.2	1.4	0.7
561	2/20/2014 7:31:13	11.04	43.40	27.87	7.94	7.84	8.9	1.915	86.0	2.8	1.2	0.7
562	2/20/2014 7:46:13	11.03	43.16	27.70	7.87	7.83	9.0	1.805	85.1	3.1	1.3	0.7
563	2/20/2014 8:01:13	11.03	43.06	27.62	7.83	7.82	8.3	1.724	84.7	3.5	1.5	0.8
564	2/20/2014 8:16:13	11.07	42.96	27.56	7.82	7.82	8.7	1.651	84.6	3.3	1.4	0.8
565	2/20/2014 8:31:13	11.08	42.94	27.55	7.78	7.82	8.0	1.575	84.1	3.6	1.5	0.8
566	2/20/2014 8:46:13	11.11	42.83	27.47	7.75	7.81	7.9	1.512	83.9	3.5	1.5	0.8
567	2/20/2014 9:01:13	11.12	42.89	27.51	7.65	7.81	8.1	1.473	82.7	3.4	1.5	0.8
568	2/20/2014 9:16:13	11.15	42.78	27.44	7.30	7.82	5.3	1.471	79.1	2.6	1.1	0.6
569	2/20/2014 9:31:13	11.17	42.79	27.44	7.81	7.81	7.3	1.453	84.6	3.8	1.6	0.9
570	2/20/2014 9:46:12	11.18	42.85	27.48	7.82	7.81	7.4	1.480	84.7	2.9	1.2	0.7
571	2/20/2014 10:01:13	11.21	42.89	27.51	7.81	7.82	8.1	1.529	84.7	3.2	1.4	0.7
572	2/20/2014 10:16:13	11.27	42.92	27.54	7.79	7.82	8.8	1.571	84.6	2.9	1.2	0.7
573	2/20/2014 10:31:13	11.29	42.16	27.00	7.92	7.82	8.5	1.635	85.8	3.3	1.4	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
574	2/20/2014 10:46:13	11.27	41.98	26.87	7.90	7.82	8.1	1.726	85.5	3.5	1.5	0.8
575	2/20/2014 11:01:13	11.27	41.98	26.87	7.92	7.81	8.2	1.798	85.6	3.4	1.5	0.8
576	2/20/2014 11:16:13	11.31	42.26	27.07	7.90	7.82	8.0	1.853	85.6	2.5	1.1	0.6
577	2/20/2014 11:31:13	11.29	42.86	27.50	7.84	7.83	8.1	1.921	85.2	2.3	1.0	0.5
578	2/20/2014 11:46:13	11.33	42.71	27.39	7.96	7.84	7.0	1.990	86.5	2.8	1.2	0.7
579	2/20/2014 12:01:13	11.38	42.72	27.40	8.01	7.85	6.7	2.068	87.2	2.7	1.2	0.6
580	2/20/2014 12:16:13	11.41	43.20	27.74	8.03	7.86	6.1	2.126	87.6	2.6	1.1	0.6
581	2/20/2014 12:31:12	11.47	43.81	28.18	8.08	7.88	5.9	2.175	88.5	2.3	1.0	0.5
582	2/20/2014 12:46:12	11.56	43.94	28.28	8.16	7.89	5.7	2.248	89.6	2.8	1.2	0.7
583	2/20/2014 13:01:13	11.56	44.36	28.57	8.18	7.90	5.1	2.308	90.0	2.3	1.0	0.5
584	2/20/2014 13:16:13	11.59	44.40	28.61	8.21	7.90	5.2	2.363	90.4	2.7	1.2	0.6
585	2/20/2014 13:31:13	11.58	44.40	28.61	8.24	7.91	5.0	2.416	90.7	2.6	1.1	0.6
586	2/20/2014 13:46:12	11.57	44.70	28.82	8.26	7.91	4.7	2.473	91.1	2.8	1.2	0.6
587	2/20/2014 14:01:12	11.55	44.84	28.92	8.26	7.91	5.1	2.528	91.0	2.8	1.2	0.7
588	2/20/2014 14:16:12	11.54	44.89	28.95	8.27	7.92	4.8	2.567	91.2	2.8	1.2	0.7
589	2/20/2014 14:31:13	11.54	45.19	29.17	8.30	7.93	4.7	2.611	91.6	2.2	0.9	0.5
590	2/20/2014 14:46:12	11.53	45.23	29.19	8.33	7.93	4.2	2.651	92.0	2.1	0.9	0.5
591	2/20/2014 15:01:12	11.53	45.27	29.22	8.34	7.93	4.7	2.689	92.1	2.7	1.2	0.6
592	2/20/2014 15:16:13	11.53	45.37	29.30	8.35	7.94	3.7	2.716	92.2	2.4	1.0	0.6
593	2/20/2014 15:31:13	11.54	45.43	29.34	8.32	7.94	2.7	2.717	92.0	2.3	1.0	0.6
594	2/20/2014 15:46:12	11.58	45.39	29.31	7.92	7.92	2.6	2.732	87.6	1.8	0.8	0.4
595	2/20/2014 16:01:12	11.56	45.42	29.33	8.26	7.93	3.5	2.733	91.2	2.9	1.2	0.7
596	2/20/2014 16:16:12	11.70	45.15	29.14	8.39	7.95	4.4	2.713	92.9	2.7	1.2	0.6
597	2/20/2014 16:31:12	11.74	45.02	29.05	8.60	7.96	6.7	2.672	95.2	2.6	1.1	0.6
598	2/20/2014 16:46:13	11.75	44.97	29.02	8.65	7.96	8.4	2.623	95.8	3.2	1.4	0.8
599	2/20/2014 17:01:12	11.73	44.90	28.97	8.76	7.96	13.4	2.568	97.0	3.3	1.4	0.8
600	2/20/2014 17:16:13	11.70	44.97	29.02	8.74	7.97	11.1	2.504	96.7	3.6	1.5	0.8
601	2/20/2014 17:31:13	11.73	44.88	28.95	8.72	7.97	14.0	2.438	96.5	3.7	1.6	0.9
602	2/20/2014 17:46:12	11.76	44.66	28.80	8.61	7.95	17.5	2.368	95.3	3.0	1.3	0.7
603	2/20/2014 18:01:13	11.76	44.49	28.68	8.55	7.94	17.3	2.299	94.5	3.5	1.5	0.8
604	2/20/2014 18:16:13	11.69	43.95	28.29	8.53	7.92	18.3	2.218	93.9	3.6	1.5	0.9
605	2/20/2014 18:31:12	11.63	43.21	27.76	8.41	7.89	22.8	2.140	92.2	4.7	2.0	1.1
606	2/20/2014 18:46:12	11.62	43.19	27.75	8.37	7.90	20.2	2.072	91.7	4.5	1.9	1.1
607	2/20/2014 19:01:12	11.67	43.04	27.64	8.32	7.87	24.6	2.012	91.2	4.7	2.0	1.1
608	2/20/2014 19:16:12	11.67	43.00	27.61	8.37	7.88	25.6	1.938	91.7	4.8	2.1	1.1
609	2/20/2014 19:31:12	11.65	43.02	27.62	8.33	7.88	23.8	1.855	91.2	4.4	1.9	1.0
610	2/20/2014 19:46:12	11.65	43.02	27.63	8.31	7.87	24.5	1.817	91.0	4.7	2.0	1.1
611	2/20/2014 20:01:13	11.66	43.02	27.62	8.25	7.87	22.5	1.755	90.4	4.3	1.8	1.0
612	2/20/2014 20:16:12	11.68	42.87	27.52	8.23	7.86	21.2	1.699	90.2	4.4	1.9	1.0
613	2/20/2014 20:31:13	11.76	42.80	27.47	8.16	7.86	20.5	1.683	89.5	4.6	2.0	1.1
614	2/20/2014 20:46:12	11.80	42.69	27.40	7.94	7.85	15.6	1.681	87.2	4.6	2.0	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
615	2/20/2014 21:01:13	11.75	42.80	27.48	8.07	7.85	16.4	1.663	88.5	4.2	1.8	1.0
616	2/20/2014 21:16:13	11.72	42.87	27.52	8.21	7.85	18.8	1.677	90.0	4.5	1.9	1.1
617	2/20/2014 21:31:13	11.71	42.87	27.52	8.21	7.86	17.5	1.704	90.0	4.2	1.8	1.0
618	2/20/2014 21:46:13	11.67	42.88	27.53	8.20	7.86	16.6	1.739	89.8	4.2	1.8	1.0
619	2/20/2014 22:01:13	11.72	42.81	27.48	8.25	7.86	20.2	1.785	90.4	4.1	1.8	1.0
620	2/20/2014 22:16:13	11.71	42.69	27.39	8.28	7.86	17.4	1.841	90.7	3.8	1.6	0.9
621	2/20/2014 22:31:13	11.70	42.80	27.47	8.23	7.86	16.9	1.919	90.2	4.1	1.8	1.0
622	2/20/2014 22:46:13	11.68	42.90	27.54	8.18	7.86	15.3	1.974	89.7	4.2	1.8	1.0
623	2/20/2014 23:01:12	11.70	42.95	27.58	8.14	7.86	13.2	2.025	89.2	3.3	1.4	0.8
624	2/20/2014 23:16:13	11.66	42.47	27.24	8.29	7.88	10.8	2.095	90.7	3.2	1.4	0.8
625	2/20/2014 23:31:13	11.71	43.37	27.87	8.24	7.89	9.8	2.171	90.6	3.3	1.4	0.8
626	2/20/2014 23:46:13	11.72	43.94	28.28	8.31	7.91	9.2	2.255	91.5	3.2	1.4	0.8
627	2/21/2014 0:01:13	11.72	44.18	28.45	8.37	7.92	7.9	2.310	92.3	3.5	1.5	0.8
628	2/21/2014 0:16:12	11.68	44.42	28.62	8.46	7.93	7.6	2.366	93.4	3.1	1.3	0.7
629	2/21/2014 0:31:13	11.55	44.37	28.58	8.52	7.94	7.1	2.448	93.7	2.8	1.2	0.7
630	2/21/2014 0:46:12	11.55	44.65	28.78	8.53	7.94	7.0	2.519	93.9	3.0	1.3	0.7
631	2/21/2014 1:01:13	11.57	45.26	29.22	8.54	7.95	5.7	2.605	94.3	2.8	1.2	0.7
632	2/21/2014 1:16:13	11.52	45.99	29.74	8.58	7.97	5.4	2.665	95.0	3.3	1.4	0.8
633	2/21/2014 1:31:12	11.52	46.06	29.79	8.60	7.97	7.0	2.730	95.2	2.4	1.0	0.6
634	2/21/2014 1:46:12	11.50	46.25	29.93	8.63	7.97	8.9	2.829	95.6	2.7	1.2	0.6
635	2/21/2014 2:01:13	11.45	46.55	30.13	8.68	7.98	10.9	2.894	96.2	3.2	1.4	0.8
636	2/21/2014 2:16:13	11.42	46.74	30.27	8.71	7.99	8.4	2.957	96.6	2.8	1.2	0.7
637	2/21/2014 2:31:13	11.38	46.79	30.31	8.74	7.99	8.7	3.033	96.8	2.6	1.1	0.6
638	2/21/2014 2:46:13	11.33	46.99	30.44	8.77	8.00	10.9	3.089	97.1	2.6	1.1	0.6
639	2/21/2014 3:01:13	11.27	47.23	30.61	8.83	8.00	8.1	3.137	97.8	2.6	1.1	0.6
640	2/21/2014 3:16:13	11.24	47.45	30.77	8.85	8.01	6.6	3.187	98.1	2.8	1.2	0.7
641	2/21/2014 3:31:13	11.22	47.52	30.82	8.89	8.01	6.8	3.212	98.5	2.5	1.1	0.6
642	2/21/2014 3:46:12	11.21	47.63	30.90	8.84	8.01	3.6	3.226	97.9	2.3	1.0	0.5
643	2/21/2014 4:01:12	11.23	47.56	30.85	8.78	8.00	5.9	3.224	97.3	2.5	1.1	0.6
644	2/21/2014 4:16:13	11.21	47.61	30.89	8.80	8.01	6.5	3.200	97.5	2.5	1.1	0.6
645	2/21/2014 4:31:13	11.21	46.48	30.07	8.49	7.98	6.5	3.165	93.6	2.5	1.1	0.6
646	2/21/2014 4:46:13	11.23	46.27	29.92	8.49	7.97	7.2	3.119	93.6	2.8	1.2	0.7
647	2/21/2014 5:01:13	11.26	45.92	29.68	8.47	7.96	7.9	3.042	93.2	2.6	1.1	0.6
648	2/21/2014 5:16:12	11.31	46.31	29.96	8.53	7.97	10.7	2.952	94.2	2.9	1.2	0.7
649	2/21/2014 5:31:12	11.32	46.15	29.84	8.50	7.96	9.8	2.875	93.7	2.5	1.1	0.6
650	2/21/2014 5:46:13	11.30	45.78	29.58	8.44	7.96	10.3	2.760	92.9	2.7	1.2	0.6
651	2/21/2014 6:01:12	11.28	45.02	29.04	8.40	7.94	9.9	2.691	92.1	2.9	1.2	0.7
652	2/21/2014 6:16:13	11.21	44.51	28.66	8.33	7.92	14.1	2.600	91.0	3.6	1.5	0.9
653	2/21/2014 6:31:13	11.21	44.53	28.68	8.30	7.92	10.6	2.524	90.6	2.7	1.2	0.6
654	2/21/2014 6:46:13	11.15	44.54	28.68	8.26	7.92	10.4	2.431	90.2	2.7	1.2	0.6
655	2/21/2014 7:01:12	11.14	44.46	28.63	8.21	7.91	8.4	2.340	89.5	2.8	1.2	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
656	2/21/2014 7:16:13	11.15	44.09	28.36	8.19	7.90	9.8	2.219	89.2	2.5	1.1	0.6
657	2/21/2014 7:31:13	11.15	43.70	28.09	8.15	7.89	10.1	2.148	88.6	2.9	1.2	0.7
658	2/21/2014 7:46:13	11.14	43.46	27.92	8.08	7.88	9.9	2.047	87.8	2.9	1.2	0.7
659	2/21/2014 8:01:13	11.08	43.39	27.86	8.05	7.88	9.5	1.958	87.2	2.9	1.2	0.7
660	2/21/2014 8:16:12	11.06	43.38	27.86	8.05	7.87	9.3	1.846	87.2	3.3	1.4	0.8
661	2/21/2014 8:31:13	11.09	43.26	27.77	8.02	7.87	10.2	1.745	86.9	3.4	1.5	0.8
662	2/21/2014 8:46:13	11.14	43.29	27.79	8.00	7.87	10.1	1.668	86.8	3.6	1.5	0.8
663	2/21/2014 9:01:13	11.19	43.25	27.77	8.00	7.86	9.5	1.585	86.9	3.1	1.3	0.7
664	2/21/2014 9:16:13	11.23	43.12	27.68	7.94	7.86	8.5	1.504	86.2	3.0	1.3	0.7
665	2/21/2014 9:31:12	11.26	42.99	27.59	7.87	7.85	8.4	1.448	85.5	3.8	1.6	0.9
666	2/21/2014 9:46:13	11.28	42.88	27.51	7.80	7.85	7.0	1.406	84.7	3.7	1.6	0.9
667	2/21/2014 10:01:13	11.30	42.80	27.45	7.61	7.83	6.5	1.377	82.6	2.4	1.0	0.6
668	2/21/2014 10:16:13	11.28	43.00	27.59	7.79	7.84	7.3	1.364	84.6	2.9	1.2	0.7
669	2/21/2014 10:31:13	11.29	43.18	27.72	7.82	7.85	8.0	1.381	85.0	2.6	1.1	0.6
670	2/21/2014 10:46:12	11.34	43.06	27.64	7.97	7.85	8.3	1.405	86.7	3.9	1.7	0.9
671	2/21/2014 11:01:13	11.29	43.09	27.66	7.89	7.85	8.6	1.436	85.8	3.1	1.3	0.7
672	2/21/2014 11:16:12	11.39	42.98	27.59	7.97	7.85	8.6	1.494	86.8	3.3	1.4	0.8
673	2/21/2014 11:31:13	11.44	42.84	27.49	8.02	7.86	8.4	1.554	87.4	2.8	1.2	0.7
674	2/21/2014 11:46:13	11.33	42.34	27.13	8.03	7.86	8.9	1.607	87.1	4.0	1.7	0.9
675	2/21/2014 12:01:12	11.29	42.38	27.16	7.98	7.85	9.1	1.676	86.5	3.8	1.6	0.9
676	2/21/2014 12:16:12	11.28	42.55	27.28	7.98	7.85	8.7	1.737	86.5	3.0	1.3	0.7
677	2/21/2014 12:31:13	11.26	42.80	27.46	7.92	7.85	7.6	1.798	86.0	2.3	1.0	0.5
678	2/21/2014 12:46:12	11.28	42.79	27.45	7.96	7.86	7.9	1.852	86.4	3.0	1.3	0.7
679	2/21/2014 13:01:12	11.28	43.03	27.61	8.02	7.87	7.0	1.913	87.1	3.1	1.3	0.7
680	2/21/2014 13:16:13	11.31	43.65	28.06	8.06	7.89	7.3	1.982	87.9	2.7	1.2	0.6
681	2/21/2014 13:31:12	11.36	43.62	28.04	8.12	7.89	6.6	2.040	88.6	3.0	1.3	0.7
682	2/21/2014 13:46:12	11.41	44.00	28.31	8.18	7.90	6.5	2.089	89.5	2.4	1.0	0.6
683	2/21/2014 14:01:12	11.46	44.12	28.40	8.22	7.91	6.1	2.147	90.1	2.9	1.2	0.7
684	2/21/2014 14:16:13	11.41	44.46	28.64	8.22	7.92	6.0	2.213	90.2	2.2	0.9	0.5
685	2/21/2014 14:31:13	11.48	44.59	28.74	8.25	7.92	5.1	2.268	90.7	2.7	1.2	0.6
686	2/21/2014 14:46:13	11.46	44.65	28.78	8.23	7.92	4.9	2.306	90.5	2.3	1.0	0.5
687	2/21/2014 15:01:12	11.44	44.66	28.78	8.26	7.92	5.0	2.375	90.7	2.6	1.1	0.6
688	2/21/2014 15:16:13	11.39	45.02	29.04	8.26	7.93	5.1	2.426	90.8	2.1	0.9	0.5
689	2/21/2014 15:31:13	11.40	45.03	29.04	8.27	7.93	5.1	2.457	90.9	2.8	1.2	0.7
690	2/21/2014 15:46:13	11.44	45.20	29.17	8.33	7.93	4.4	2.495	91.8	2.8	1.2	0.7
691	2/21/2014 16:01:13	11.45	45.25	29.21	8.32	7.94	4.2	2.530	91.7	2.9	1.2	0.7
692	2/21/2014 16:16:13	11.41	45.42	29.33	8.31	7.94	3.7	2.550	91.5	2.5	1.1	0.6
693	2/21/2014 16:31:13	11.43	45.40	29.31	8.08	7.93	3.2	2.550	89.0	2.3	1.0	0.5
694	2/21/2014 16:46:13	11.44	45.27	29.22	7.93	7.92	2.5	2.572	87.4	2.3	1.0	0.5
695	2/21/2014 17:01:13	11.41	45.36	29.29	8.22	7.93	3.8	2.567	90.6	2.0	0.9	0.5
696	2/21/2014 17:16:12	11.42	45.39	29.30	8.18	7.93	4.3	2.545	90.1	2.1	0.9	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
697	2/21/2014 17:31:13	11.44	45.43	29.33	8.21	7.93	4.5	2.528	90.5	2.6	1.1	0.6
698	2/21/2014 17:46:13	11.47	45.09	29.09	7.90	7.91	3.4	2.481	87.1	2.3	1.0	0.5
699	2/21/2014 18:01:12	11.65	44.81	28.90	8.18	7.92	4.2	2.445	90.3	2.7	1.2	0.6
700	2/21/2014 18:16:12	11.72	44.64	28.78	8.21	7.92	4.9	2.391	90.8	3.5	1.5	0.8
701	2/21/2014 18:31:13	11.86	44.42	28.63	8.38	7.94	5.1	2.341	92.8	3.5	1.5	0.8
702	2/21/2014 18:46:13	11.84	44.27	28.52	8.48	7.95	7.2	2.272	93.8	3.6	1.5	0.8
703	2/21/2014 19:01:13	11.92	44.15	28.44	8.64	7.98	6.1	2.213	95.7	3.3	1.4	0.8
704	2/21/2014 19:16:13	11.91	44.05	28.36	8.55	7.96	5.4	2.164	94.6	3.3	1.4	0.8
705	2/21/2014 19:31:12	11.80	43.70	28.11	8.41	7.94	5.6	2.104	92.7	3.5	1.5	0.8
706	2/21/2014 19:46:12	11.72	43.65	28.07	8.33	7.93	5.6	2.037	91.7	3.9	1.7	0.9
707	2/21/2014 20:01:12	11.66	43.51	27.97	8.20	7.92	5.3	1.998	90.1	3.5	1.5	0.8
708	2/21/2014 20:16:12	11.62	43.40	27.89	8.11	7.91	5.3	1.955	89.0	4.0	1.7	0.9
709	2/21/2014 20:31:12	11.66	43.30	27.82	8.15	7.92	5.7	1.901	89.4	3.8	1.6	0.9
710	2/21/2014 20:46:12	11.66	43.28	27.81	8.02	7.90	4.4	1.882	88.0	3.3	1.4	0.8
711	2/21/2014 21:01:13	11.68	43.18	27.74	7.75	7.88	3.7	1.842	85.0	3.1	1.3	0.7
712	2/21/2014 21:16:13	11.69	43.29	27.82	8.06	7.91	4.7	1.832	88.5	3.5	1.5	0.8
713	2/21/2014 21:31:13	11.63	43.67	28.09	8.05	7.90	4.0	1.811	88.4	3.1	1.3	0.7
714	2/21/2014 21:46:13	11.70	43.13	27.71	7.96	7.88	3.9	1.808	87.3	3.5	1.5	0.8
715	2/21/2014 22:01:13	11.64	43.04	27.64	8.11	7.89	4.8	1.827	88.9	3.2	1.4	0.7
716	2/21/2014 22:16:13	11.65	43.04	27.64	8.13	7.89	4.5	1.841	89.1	3.1	1.3	0.7
717	2/21/2014 22:31:13	11.69	43.60	28.04	8.17	7.91	4.9	1.862	89.8	3.4	1.5	0.8
718	2/21/2014 22:46:12	11.66	43.54	28.00	8.12	7.90	5.1	1.904	89.2	3.0	1.3	0.7
719	2/21/2014 23:01:12	11.61	43.21	27.76	8.16	7.89	4.8	1.939	89.4	3.2	1.4	0.7
720	2/21/2014 23:16:13	11.62	43.31	27.83	8.18	7.90	4.7	1.996	89.7	2.7	1.2	0.6
721	2/21/2014 23:31:13	11.72	43.52	27.98	8.33	7.92	5.1	2.034	91.6	2.9	1.2	0.7
722	2/21/2014 23:46:12	11.74	43.80	28.18	8.32	7.92	5.1	2.098	91.7	3.1	1.3	0.7
723	2/22/2014 0:01:13	11.74	43.85	28.22	8.41	7.94	5.0	2.160	92.7	2.9	1.2	0.7
724	2/22/2014 0:16:13	11.70	44.28	28.53	8.38	7.93	5.3	2.218	92.4	3.0	1.3	0.7
725	2/22/2014 0:31:13	11.68	44.34	28.57	8.38	7.93	4.6	2.278	92.4	2.9	1.2	0.7
726	2/22/2014 0:46:13	11.62	44.63	28.77	8.41	7.94	4.5	2.352	92.7	2.8	1.2	0.7
727	2/22/2014 1:01:13	11.58	44.75	28.85	8.46	7.95	5.6	2.416	93.3	3.0	1.3	0.7
728	2/22/2014 1:16:12	11.56	44.86	28.93	8.52	7.95	6.2	2.482	93.9	3.2	1.4	0.8
729	2/22/2014 1:31:12	11.56	44.93	28.98	8.55	7.95	5.6	2.552	94.2	2.8	1.2	0.7
730	2/22/2014 1:46:12	11.53	45.13	29.13	8.55	7.95	5.4	2.629	94.3	2.9	1.2	0.7
731	2/22/2014 2:01:12	11.47	45.54	29.42	8.52	7.96	6.2	2.697	94.1	2.9	1.2	0.7
732	2/22/2014 2:16:12	11.42	45.98	29.73	8.55	7.96	4.8	2.766	94.4	2.6	1.1	0.6
733	2/22/2014 2:31:12	11.37	46.37	30.00	8.55	7.97	4.5	2.845	94.5	3.1	1.3	0.7
734	2/22/2014 2:46:13	11.32	46.98	30.44	8.56	7.98	5.2	2.916	94.8	2.8	1.2	0.7
735	2/22/2014 3:01:13	11.27	47.52	30.83	8.64	7.99	5.4	2.977	95.8	2.4	1.0	0.6
736	2/22/2014 3:16:13	11.25	47.68	30.94	8.70	7.99	6.1	3.046	96.5	2.1	0.9	0.5
737	2/22/2014 3:31:13	11.24	47.76	31.00	8.72	8.00	7.2	3.106	96.7	2.6	1.1	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
738	2/22/2014 3:46:13	11.21	47.88	31.08	8.74	8.00	6.2	3.157	96.9	2.6	1.1	0.6
739	2/22/2014 4:01:13	11.19	48.04	31.19	8.75	8.00	5.6	3.190	97.1	2.5	1.1	0.6
740	2/22/2014 4:16:13	11.19	47.97	31.15	8.72	8.00	4.5	3.225	96.7	2.3	1.0	0.5
741	2/22/2014 4:31:13	11.19	48.07	31.22	8.73	8.00	3.2	3.239	96.8	2.4	1.0	0.6
742	2/22/2014 4:46:13	11.22	47.87	31.07	8.57	8.00	4.8	3.241	95.1	2.2	0.9	0.5
743	2/22/2014 5:01:13	11.21	47.60	30.88	8.40	7.98	4.0	3.220	93.1	2.4	1.0	0.6
744	2/22/2014 5:16:13	11.21	47.11	30.53	8.47	7.98	4.7	3.184	93.6	2.1	0.9	0.5
745	2/22/2014 5:31:13	11.20	46.84	30.33	8.50	7.97	6.5	3.130	93.8	2.6	1.1	0.6
746	2/22/2014 5:46:13	11.24	46.09	29.80	8.41	7.96	5.3	3.072	92.6	2.1	0.9	0.5
747	2/22/2014 6:01:13	11.23	46.16	29.85	8.45	7.97	6.5	3.001	93.1	2.2	0.9	0.5
748	2/22/2014 6:16:13	11.28	46.28	29.93	8.41	7.97	5.8	2.918	92.7	2.3	1.0	0.5
749	2/22/2014 6:31:13	11.29	46.35	29.98	8.46	7.97	7.3	2.825	93.3	2.7	1.2	0.6
750	2/22/2014 6:46:13	11.30	46.25	29.92	8.42	7.96	7.8	2.753	92.9	2.4	1.0	0.6
751	2/22/2014 7:01:13	11.31	46.10	29.81	8.43	7.96	7.5	2.662	92.9	2.5	1.1	0.6
752	2/22/2014 7:16:13	11.30	44.83	28.90	8.30	7.94	7.2	2.585	91.0	2.6	1.1	0.6
753	2/22/2014 7:31:13	11.33	45.72	29.53	8.36	7.95	6.8	2.498	92.1	2.5	1.1	0.6
754	2/22/2014 7:46:13	11.29	44.92	28.96	8.23	7.93	5.5	2.405	90.2	2.4	1.0	0.6
755	2/22/2014 8:01:13	11.31	44.80	28.88	8.24	7.93	5.3	2.316	90.3	3.0	1.3	0.7
756	2/22/2014 8:16:13	11.36	44.68	28.79	8.21	7.92	7.0	2.216	90.0	3.1	1.3	0.7
757	2/22/2014 8:31:13	11.38	44.63	28.76	8.16	7.92	5.9	2.129	89.5	3.0	1.3	0.7
758	2/22/2014 8:46:12	11.41	44.38	28.58	8.12	7.91	5.9	2.024	89.1	2.8	1.2	0.7
759	2/22/2014 9:01:12	11.38	44.46	28.63	8.15	7.91	5.1	1.920	89.3	2.4	1.0	0.6
760	2/22/2014 9:16:12	11.42	44.18	28.44	8.10	7.90	4.8	1.829	88.8	2.7	1.2	0.6
761	2/22/2014 9:31:12	11.42	44.08	28.37	8.15	7.90	4.7	1.727	89.3	2.6	1.1	0.6
762	2/22/2014 9:46:12	11.49	43.89	28.23	8.07	7.89	3.9	1.646	88.4	3.1	1.3	0.7
763	2/22/2014 10:01:13	11.51	43.77	28.15	8.08	7.90	3.7	1.555	88.5	3.0	1.3	0.7
764	2/22/2014 10:16:12	11.55	43.71	28.11	8.09	7.89	3.9	1.489	88.7	2.9	1.2	0.7
765	2/22/2014 10:31:13	11.56	43.61	28.04	7.97	7.89	3.2	1.441	87.3	2.5	1.1	0.6
766	2/22/2014 10:46:13	11.56	43.52	27.98	7.65	7.86	2.8	1.387	83.9	2.6	1.1	0.6
767	2/22/2014 11:01:12	11.57	43.48	27.95	7.28	7.85	2.0	1.361	79.8	2.0	0.9	0.5
768	2/22/2014 11:16:12	11.51	43.76	28.15	7.75	7.86	3.4	1.352	84.9	2.2	0.9	0.5
769	2/22/2014 11:31:13	11.50	43.91	28.25	7.76	7.87	3.9	1.363	85.1	2.6	1.1	0.6
770	2/22/2014 11:46:13	11.53	43.93	28.26	7.87	7.88	4.0	1.369	86.4	2.7	1.2	0.6
771	2/22/2014 12:01:13	11.58	43.95	28.28	8.00	7.89	4.0	1.404	87.9	3.2	1.4	0.7
772	2/22/2014 12:16:13	11.64	43.79	28.17	7.99	7.88	3.9	1.448	87.8	3.3	1.4	0.8
773	2/22/2014 12:31:13	11.63	43.95	28.28	7.98	7.89	3.9	1.495	87.7	3.0	1.3	0.7
774	2/22/2014 12:46:13	11.69	43.27	27.81	8.05	7.89	4.4	1.540	88.4	3.5	1.5	0.8
775	2/22/2014 13:01:13	11.64	43.30	27.82	8.04	7.89	4.3	1.589	88.2	3.8	1.6	0.9
776	2/22/2014 13:16:13	11.59	43.42	27.91	7.99	7.89	4.6	1.655	87.6	2.7	1.2	0.6
777	2/22/2014 13:31:13	11.59	43.39	27.89	7.99	7.89	4.7	1.709	87.6	3.0	1.3	0.7
778	2/22/2014 13:46:13	11.58	43.55	28.00	7.95	7.88	4.8	1.749	87.2	3.0	1.3	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
779	2/22/2014 14:01:12	11.59	43.50	27.97	7.96	7.88	4.1	1.814	87.3	2.7	1.2	0.6
780	2/22/2014 14:16:12	11.54	43.72	28.12	7.99	7.89	4.5	1.863	87.6	2.8	1.2	0.7
781	2/22/2014 14:31:12	11.51	44.06	28.36	8.00	7.89	4.0	1.915	87.7	2.4	1.0	0.6
782	2/22/2014 14:46:12	11.52	44.32	28.54	8.04	7.90	4.1	1.982	88.3	2.1	0.9	0.5
783	2/22/2014 15:01:12	11.58	44.33	28.56	8.14	7.91	4.0	2.041	89.5	2.2	0.9	0.5
784	2/22/2014 15:16:12	11.58	44.70	28.82	8.15	7.92	4.3	2.103	89.9	2.8	1.2	0.7
785	2/22/2014 15:31:13	11.66	44.79	28.89	8.20	7.93	4.0	2.150	90.5	2.9	1.2	0.7
786	2/22/2014 15:46:13	11.60	44.98	29.02	8.23	7.93	3.7	2.213	90.9	2.6	1.1	0.6
787	2/22/2014 16:01:13	11.46	45.24	29.20	8.22	7.94	4.0	2.267	90.6	2.5	1.1	0.6
788	2/22/2014 16:16:13	11.45	45.33	29.26	8.23	7.94	4.1	2.311	90.7	2.2	0.9	0.5
789	2/22/2014 16:31:13	11.44	45.43	29.33	8.23	7.94	3.7	2.360	90.7	2.2	0.9	0.5
790	2/22/2014 16:46:13	11.42	45.55	29.42	8.22	7.94	3.9	2.406	90.6	2.1	0.9	0.5
791	2/22/2014 17:01:13	11.40	45.69	29.52	8.22	7.94	3.6	2.443	90.7	1.9	0.8	0.4
792	2/22/2014 17:16:13	11.41	45.72	29.54	8.20	7.94	3.6	2.467	90.4	2.1	0.9	0.5
793	2/22/2014 17:31:13	11.41	45.76	29.57	8.20	7.94	3.1	2.503	90.5	2.2	0.9	0.5
794	2/22/2014 17:46:13	11.43	45.63	29.48	8.10	7.94	2.6	2.522	89.3	2.0	0.9	0.5
795	2/22/2014 18:01:13	11.46	45.49	29.38	7.96	7.93	2.8	2.525	87.9	1.8	0.8	0.4
796	2/22/2014 18:16:12	11.44	45.49	29.37	7.54	7.91	2.1	2.526	83.2	2.2	0.9	0.5
797	2/22/2014 18:31:12	11.44	45.54	29.41	7.97	7.93	2.8	2.518	88.0	2.5	1.1	0.6
798	2/22/2014 18:46:13	11.49	45.29	29.24	8.07	7.93	3.6	2.497	89.0	2.3	1.0	0.5
799	2/22/2014 19:01:13	11.67	44.90	28.96	8.15	7.94	3.6	2.474	90.1	2.5	1.1	0.6
800	2/22/2014 19:16:12	11.71	44.94	28.99	8.15	7.94	3.5	2.426	90.2	2.3	1.0	0.5
801	2/22/2014 19:31:13	11.66	44.99	29.03	8.06	7.93	3.6	2.381	89.1	2.6	1.1	0.6
802	2/22/2014 19:46:13	11.70	44.76	28.87	8.18	7.94	4.2	2.349	90.4	3.0	1.3	0.7
803	2/22/2014 20:01:13	11.50	44.65	28.78	8.07	7.94	4.0	2.300	88.8	2.4	1.0	0.6
804	2/22/2014 20:16:13	11.64	44.64	28.78	8.16	7.94	4.2	2.232	90.1	2.9	1.2	0.7
805	2/22/2014 20:31:12	11.63	44.61	28.76	8.18	7.95	5.1	2.189	90.2	2.9	1.2	0.7
806	2/22/2014 20:46:13	11.62	44.36	28.57	8.20	7.94	4.6	2.144	90.4	3.1	1.3	0.7
807	2/22/2014 21:01:13	11.61	44.23	28.49	8.08	7.94	3.9	2.102	88.9	3.1	1.3	0.7
808	2/22/2014 21:16:12	11.59	44.13	28.42	8.04	7.92	3.5	2.067	88.4	3.6	1.5	0.8
809	2/22/2014 21:31:13	11.61	44.16	28.43	7.99	7.93	3.7	2.028	87.9	3.3	1.4	0.8
810	2/22/2014 21:46:12	11.56	44.08	28.37	7.83	7.91	2.5	2.000	86.1	2.7	1.2	0.6
811	2/22/2014 22:01:12	11.56	44.09	28.38	7.72	7.89	2.9	1.974	84.9	2.7	1.2	0.6
812	2/22/2014 22:16:13	11.58	44.25	28.50	7.78	7.90	2.5	1.961	85.6	2.8	1.2	0.7
813	2/22/2014 22:31:13	11.59	44.48	28.66	7.99	7.91	2.8	1.957	88.0	3.0	1.3	0.7
814	2/22/2014 22:46:13	11.54	44.06	28.36	7.95	7.91	2.9	1.949	87.3	3.1	1.3	0.7
815	2/22/2014 23:01:12	11.43	43.73	28.12	7.95	7.90	3.1	1.957	86.9	3.0	1.3	0.7
816	2/22/2014 23:16:12	11.41	43.76	28.14	8.08	7.91	3.2	1.979	88.3	3.3	1.4	0.8
817	2/22/2014 23:31:13	11.61	44.46	28.65	8.07	7.92	4.0	2.006	88.9	3.2	1.4	0.8
818	2/22/2014 23:46:13	11.62	44.52	28.69	8.07	7.92	3.6	2.014	89.0	2.8	1.2	0.7
819	2/23/2014 0:01:13	11.57	44.25	28.50	8.09	7.92	3.7	2.060	89.0	3.1	1.3	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
820	2/23/2014 0:16:12	11.47	44.21	28.46	8.11	7.92	3.6	2.099	88.9	3.0	1.3	0.7
821	2/23/2014 0:31:13	11.55	44.36	28.58	8.13	7.92	3.7	2.129	89.4	2.8	1.2	0.7
822	2/23/2014 0:46:13	11.57	44.58	28.74	8.24	7.93	4.0	2.182	90.8	3.2	1.4	0.8
823	2/23/2014 1:01:13	11.57	44.60	28.75	8.25	7.94	3.6	2.233	90.8	2.8	1.2	0.7
824	2/23/2014 1:16:12	11.55	44.90	28.96	8.26	7.94	3.7	2.289	91.1	2.7	1.2	0.6
825	2/23/2014 1:31:12	11.55	45.04	29.06	8.23	7.94	3.8	2.344	90.8	3.0	1.3	0.7
826	2/23/2014 1:46:13	11.54	45.12	29.12	8.25	7.94	3.6	2.402	91.0	2.9	1.2	0.7
827	2/23/2014 2:01:12	11.48	45.11	29.11	8.28	7.94	3.6	2.469	91.3	2.5	1.1	0.6
828	2/23/2014 2:16:13	11.37	45.37	29.29	8.33	7.95	3.6	2.534	91.7	2.5	1.1	0.6
829	2/23/2014 2:31:13	11.30	45.41	29.32	8.36	7.95	4.0	2.597	91.9	2.7	1.2	0.6
830	2/23/2014 2:46:13	11.30	45.46	29.35	8.37	7.96	4.4	2.674	92.0	2.3	1.0	0.5
831	2/23/2014 3:01:13	11.30	45.76	29.56	8.38	7.96	4.7	2.742	92.2	2.3	1.0	0.5
832	2/23/2014 3:16:13	11.24	46.12	29.82	8.38	7.96	4.7	2.805	92.3	2.5	1.1	0.6
833	2/23/2014 3:31:12	11.13	46.23	29.89	8.40	7.96	3.9	2.883	92.4	2.6	1.1	0.6
834	2/23/2014 3:46:12	11.16	46.75	30.27	8.37	7.97	3.6	2.950	92.3	2.3	1.0	0.5
835	2/23/2014 4:01:13	11.18	47.30	30.67	8.34	7.97	3.8	3.006	92.2	2.2	0.9	0.5
836	2/23/2014 4:16:13	11.13	47.62	30.89	8.33	7.97	3.8	3.075	92.1	2.5	1.1	0.6
837	2/23/2014 4:31:12	11.09	47.97	31.14	8.31	7.98	4.3	3.120	92.0	2.1	0.9	0.5
838	2/23/2014 4:46:13	11.03	48.24	31.33	8.31	7.98	4.0	3.162	92.0	2.4	1.0	0.6
839	2/23/2014 5:01:13	11.01	48.24	31.33	8.31	7.98	4.0	3.209	92.0	2.5	1.1	0.6
840	2/23/2014 5:16:13	11.00	48.25	31.34	8.28	7.98	4.0	3.226	91.6	2.4	1.0	0.6
841	2/23/2014 5:31:13	11.01	48.21	31.31	8.07	7.97	3.1	3.232	89.3	1.8	0.8	0.4
842	2/23/2014 5:46:13	10.99	48.21	31.31	8.18	7.98	3.6	3.249	90.4	2.7	1.2	0.6
843	2/23/2014 6:01:13	10.99	48.36	31.42	8.13	7.97	2.8	3.211	90.0	2.3	1.0	0.6
844	2/23/2014 6:16:13	11.00	48.25	31.33	8.19	7.97	3.9	3.184	90.6	2.4	1.0	0.6
845	2/23/2014 6:31:13	11.04	47.22	30.60	8.14	7.96	4.5	3.153	89.7	1.9	0.8	0.4
846	2/23/2014 6:46:13	11.11	46.82	30.32	8.09	7.95	5.0	3.086	89.1	2.8	1.2	0.7
847	2/23/2014 7:01:13	11.13	46.93	30.40	8.09	7.95	5.3	3.006	89.2	2.9	1.2	0.7
848	2/23/2014 7:16:13	11.11	46.94	30.40	8.16	7.96	6.2	2.935	90.0	2.0	0.9	0.5
849	2/23/2014 7:31:13	11.13	46.85	30.34	8.17	7.96	5.9	2.854	90.0	1.6	0.7	0.4
850	2/23/2014 7:46:13	11.11	46.58	30.14	8.09	7.95	5.1	2.779	89.1	2.5	1.1	0.6
851	2/23/2014 8:01:13	11.10	46.30	29.94	8.06	7.94	4.5	2.686	88.6	2.6	1.1	0.6
852	2/23/2014 8:16:13	11.13	46.24	29.90	8.12	7.94	4.2	2.596	89.2	2.8	1.2	0.7
853	2/23/2014 8:31:13	11.13	46.20	29.87	8.12	7.94	3.7	2.516	89.2	2.5	1.1	0.6
854	2/23/2014 8:46:13	11.15	45.99	29.72	8.12	7.94	3.9	2.422	89.2	1.9	0.8	0.4
855	2/23/2014 9:01:13	11.20	45.82	29.60	8.21	7.94	4.3	2.320	90.2	2.4	1.0	0.6
856	2/23/2014 9:16:13	11.22	45.06	29.06	8.25	7.94	4.7	2.229	90.4	2.7	1.2	0.6
857	2/23/2014 9:31:13	11.23	45.32	29.25	8.52	7.96	5.5	2.128	93.4	2.8	1.2	0.7
858	2/23/2014 9:46:13	11.26	44.56	28.70	8.29	7.94	5.1	2.023	90.6	2.9	1.2	0.7
859	2/23/2014 10:01:13	11.33	44.81	28.88	8.52	7.96	3.9	1.935	93.4	2.5	1.1	0.6
860	2/23/2014 10:16:13	11.43	44.90	28.96	8.88	7.98	4.2	1.827	97.6	2.6	1.1	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
861	2/23/2014 10:31:13	11.49	44.63	28.76	8.75	7.97	3.6	1.734	96.2	2.8	1.2	0.7
862	2/23/2014 10:46:13	11.59	44.28	28.52	8.72	7.97	3.0	1.645	96.0	2.6	1.1	0.6
863	2/23/2014 11:01:12	11.69	44.31	28.54	8.86	7.97	3.2	1.547	97.7	2.4	1.0	0.6
864	2/23/2014 11:16:13	11.74	44.28	28.52	8.84	7.97	3.0	1.455	97.5	2.8	1.2	0.7
865	2/23/2014 11:31:13	11.78	44.03	28.35	8.70	7.96	2.8	1.393	96.0	2.2	0.9	0.5
866	2/23/2014 11:46:13	11.84	43.89	28.25	8.65	7.96	2.8	1.350	95.5	2.2	0.9	0.5
867	2/23/2014 12:01:13	11.80	43.88	28.24	8.53	7.95	2.8	1.296	94.1	2.7	1.2	0.6
868	2/23/2014 12:16:12	11.80	43.74	28.14	8.20	7.93	1.7	1.272	90.4	1.9	0.8	0.4
869	2/23/2014 12:31:12	11.61	43.90	28.25	8.20	7.92	2.7	1.267	90.1	2.3	1.0	0.5
870	2/23/2014 12:46:13	11.54	44.07	28.36	8.09	7.91	2.8	1.292	88.8	2.6	1.1	0.6
871	2/23/2014 13:01:13	11.62	44.08	28.38	8.28	7.93	3.2	1.301	91.1	2.6	1.1	0.6
872	2/23/2014 13:16:13	11.70	44.16	28.44	8.41	7.94	3.0	1.318	92.8	3.0	1.3	0.7
873	2/23/2014 13:31:13	11.87	44.11	28.41	8.41	7.94	3.1	1.380	93.1	2.5	1.1	0.6
874	2/23/2014 13:46:12	11.88	44.14	28.43	8.31	7.92	2.9	1.417	91.9	2.7	1.2	0.6
875	2/23/2014 14:01:13	11.91	43.50	27.97	8.46	7.94	3.7	1.459	93.4	2.8	1.2	0.7
876	2/23/2014 14:16:13	11.81	43.68	28.10	8.39	7.93	3.7	1.514	92.5	3.1	1.3	0.7
877	2/23/2014 14:31:13	11.74	43.65	28.08	8.40	7.93	4.0	1.564	92.4	3.0	1.3	0.7
878	2/23/2014 14:46:13	11.67	43.70	28.11	8.36	7.93	3.8	1.631	91.9	2.9	1.2	0.7
879	2/23/2014 15:01:13	11.66	43.75	28.15	8.33	7.93	3.5	1.688	91.5	2.7	1.2	0.6
880	2/23/2014 15:16:12	11.59	43.83	28.19	8.22	7.92	3.4	1.754	90.3	2.6	1.1	0.6
881	2/23/2014 15:31:13	11.64	43.87	28.23	8.32	7.93	3.6	1.811	91.4	2.8	1.2	0.7
882	2/23/2014 15:46:13	11.68	44.10	28.40	8.33	7.93	3.4	1.884	91.7	2.6	1.1	0.6
883	2/23/2014 16:01:13	11.71	44.32	28.55	8.32	7.94	4.7	1.955	91.8	2.7	1.2	0.6
884	2/23/2014 16:16:13	11.69	44.65	28.78	8.24	7.94	3.5	2.017	91.1	2.4	1.0	0.6
885	2/23/2014 16:31:13	11.65	44.96	29.01	8.25	7.94	3.4	2.088	91.2	2.7	1.2	0.6
886	2/23/2014 16:46:13	11.50	45.23	29.19	8.15	7.94	3.7	2.143	89.9	2.2	0.9	0.5
887	2/23/2014 17:01:13	11.40	45.44	29.34	8.15	7.94	3.5	2.208	89.7	2.2	0.9	0.5
888	2/23/2014 17:16:13	11.35	45.61	29.46	8.17	7.94	3.9	2.273	90.0	2.2	0.9	0.5
889	2/23/2014 17:31:13	11.32	45.72	29.54	8.14	7.94	3.7	2.318	89.7	2.4	1.0	0.6
890	2/23/2014 17:46:13	11.32	45.80	29.59	8.14	7.94	3.3	2.381	89.6	2.5	1.1	0.6
891	2/23/2014 18:01:13	11.32	45.93	29.69	8.17	7.94	3.9	2.426	90.0	2.3	1.0	0.5
892	2/23/2014 18:16:13	11.32	45.97	29.72	8.16	7.94	3.6	2.475	89.9	2.2	0.9	0.5
893	2/23/2014 18:31:13	11.33	46.08	29.79	8.16	7.94	3.3	2.510	90.1	2.2	0.9	0.5
894	2/23/2014 18:46:13	11.34	46.12	29.82	8.12	7.94	4.1	2.547	89.6	2.5	1.1	0.6
895	2/23/2014 19:01:12	11.34	46.17	29.86	8.12	7.94	2.6	2.570	89.6	2.5	1.1	0.6
896	2/23/2014 19:16:13	11.36	46.02	29.75	8.00	7.94	2.5	2.589	88.2	2.4	1.0	0.6
897	2/23/2014 19:31:12	11.35	45.89	29.66	7.85	7.92	2.2	2.590	86.5	1.8	0.8	0.4
898	2/23/2014 19:46:12	11.36	46.03	29.76	8.01	7.93	3.4	2.587	88.4	2.1	0.9	0.5
899	2/23/2014 20:01:13	11.36	46.04	29.76	7.97	7.93	2.9	2.576	87.9	2.4	1.0	0.6
900	2/23/2014 20:16:12	11.70	45.25	29.22	7.99	7.94	3.7	2.554	88.5	2.8	1.2	0.7
901	2/23/2014 20:31:13	11.71	45.37	29.30	8.15	7.95	4.2	2.525	90.3	2.7	1.2	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
902	2/23/2014 20:46:13	11.49	45.45	29.35	8.05	7.94	3.8	2.482	88.8	2.6	1.1	0.6
903	2/23/2014 21:01:13	11.50	45.33	29.27	8.03	7.94	4.6	2.441	88.6	2.9	1.2	0.7
904	2/23/2014 21:16:13	11.44	45.21	29.18	8.05	7.94	4.8	2.394	88.6	3.0	1.3	0.7
905	2/23/2014 21:31:13	11.53	45.24	29.20	8.09	7.94	4.1	2.346	89.2	3.0	1.3	0.7
906	2/23/2014 21:46:13	11.49	45.31	29.25	8.05	7.94	4.8	2.295	88.8	2.3	1.0	0.5
907	2/23/2014 22:01:13	11.55	45.15	29.14	8.04	7.94	4.7	2.250	88.7	2.5	1.1	0.6
908	2/23/2014 22:16:13	11.48	45.05	29.07	8.00	7.93	4.2	2.203	88.1	2.8	1.2	0.7
909	2/23/2014 22:31:13	11.47	45.02	29.04	7.90	7.93	4.2	2.159	87.0	2.7	1.2	0.6
910	2/23/2014 22:46:13	11.44	44.82	28.90	7.91	7.92	4.8	2.116	87.0	3.2	1.4	0.8
911	2/23/2014 23:01:13	11.41	44.84	28.91	7.85	7.92	3.4	2.094	86.3	2.9	1.2	0.7
912	2/23/2014 23:16:13	11.40	44.68	28.80	7.84	7.92	3.4	2.058	86.1	3.1	1.3	0.7
913	2/23/2014 23:31:13	11.42	44.63	28.76	7.67	7.90	2.5	2.038	84.2	2.9	1.2	0.7
914	2/23/2014 23:46:13	11.43	44.59	28.74	7.78	7.91	2.8	2.019	85.5	2.5	1.1	0.6
915	2/24/2014 0:01:12	11.45	44.90	28.95	7.86	7.91	2.5	2.014	86.5	2.9	1.2	0.7
916	2/24/2014 0:16:13	11.43	44.58	28.73	7.91	7.91	2.7	2.018	86.8	2.6	1.1	0.6
917	2/24/2014 0:31:12	11.37	44.20	28.45	7.99	7.91	2.6	2.022	87.5	2.5	1.1	0.6
918	2/24/2014 0:46:13	11.37	44.45	28.63	8.00	7.92	3.0	2.047	87.7	2.4	1.0	0.6
919	2/24/2014 1:01:13	11.45	44.99	29.02	7.97	7.92	3.9	2.077	87.7	2.6	1.1	0.6
920	2/24/2014 1:16:13	11.46	44.98	29.02	7.94	7.92	4.1	2.117	87.3	2.7	1.2	0.6
921	2/24/2014 1:31:13	11.36	44.62	28.75	8.02	7.92	3.6	2.149	87.9	2.6	1.1	0.6
922	2/24/2014 1:46:13	11.42	44.87	28.93	8.01	7.92	3.3	2.202	88.0	2.4	1.0	0.6
923	2/24/2014 2:01:13	11.43	45.17	29.15	8.07	7.93	4.0	2.258	88.9	2.9	1.2	0.7
924	2/24/2014 2:16:13	11.41	45.44	29.34	8.08	7.94	3.2	2.304	89.0	2.6	1.1	0.6
925	2/24/2014 2:31:13	11.41	45.46	29.35	8.09	7.94	3.4	2.366	89.1	2.9	1.2	0.7
926	2/24/2014 2:46:12	11.37	45.50	29.38	8.10	7.94	3.4	2.425	89.2	2.1	0.9	0.5
927	2/24/2014 3:01:13	11.31	45.52	29.39	8.13	7.94	3.1	2.486	89.4	2.7	1.2	0.6
928	2/24/2014 3:16:13	11.25	45.83	29.61	8.16	7.95	3.5	2.553	89.7	2.2	0.9	0.5
929	2/24/2014 3:31:13	11.23	45.93	29.68	8.21	7.95	4.3	2.618	90.3	2.8	1.2	0.7
930	2/24/2014 3:46:13	11.23	46.18	29.86	8.20	7.95	3.5	2.685	90.3	2.6	1.1	0.6
931	2/24/2014 4:01:13	11.18	46.38	30.00	8.22	7.96	4.2	2.756	90.5	3.1	1.3	0.7
932	2/24/2014 4:16:13	11.13	46.75	30.26	8.19	7.95	3.7	2.827	90.2	2.4	1.0	0.6
933	2/24/2014 4:31:13	11.09	47.39	30.72	8.15	7.96	3.2	2.899	90.0	2.5	1.1	0.6
934	2/24/2014 4:46:13	11.10	47.88	31.08	8.12	7.96	5.1	2.971	89.8	2.0	0.9	0.5
935	2/24/2014 5:01:13	11.05	48.04	31.19	8.11	7.97	4.4	3.037	89.7	2.1	0.9	0.5
936	2/24/2014 5:16:13	11.01	48.23	31.32	8.11	7.97	4.7	3.100	89.7	1.8	0.8	0.4
937	2/24/2014 5:31:13	10.96	48.33	31.39	8.10	7.96	5.1	3.157	89.6	2.2	0.9	0.5
938	2/24/2014 5:46:13	10.91	48.35	31.40	8.09	7.97	4.5	3.211	89.4	1.8	0.8	0.4
939	2/24/2014 6:01:13	10.89	48.26	31.34	8.12	7.97	4.5	3.259	89.6	2.0	0.9	0.5
940	2/24/2014 6:16:13	10.87	48.45	31.48	8.10	7.97	4.0	3.286	89.4	2.0	0.9	0.5
941	2/24/2014 6:31:13	10.85	48.52	31.53	8.09	7.97	3.0	3.309	89.3	2.7	1.2	0.6
942	2/24/2014 6:46:13	10.91	48.29	31.36	7.92	7.95	3.3	3.307	87.4	1.6	0.7	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
943	2/24/2014 7:01:13	10.87	48.43	31.46	7.96	7.96	3.9	3.304	87.9	1.5	0.6	0.3
944	2/24/2014 7:16:13	10.86	48.29	31.36	8.02	7.96	4.7	3.279	88.5	2.0	0.9	0.5
945	2/24/2014 7:31:13	10.86	48.16	31.27	7.99	7.96	4.8	3.223	88.1	1.7	0.7	0.4
946	2/24/2014 7:46:13	10.87	47.02	30.44	7.93	7.94	3.9	3.179	87.0	2.3	1.0	0.5
947	2/24/2014 8:01:13	11.01	46.74	30.25	7.90	7.94	4.7	3.113	86.8	2.0	0.9	0.5
948	2/24/2014 8:16:13	10.98	47.00	30.43	7.91	7.94	4.0	3.044	87.0	2.1	0.9	0.5
949	2/24/2014 8:31:13	11.02	47.03	30.46	7.95	7.95	4.9	2.947	87.5	2.3	1.0	0.5
950	2/24/2014 8:46:13	11.03	46.47	30.06	8.00	7.94	4.8	2.860	87.8	2.1	0.9	0.5
951	2/24/2014 9:01:13	11.07	46.64	30.19	7.99	7.94	4.0	2.785	87.8	2.1	0.9	0.5
952	2/24/2014 9:16:13	11.11	46.59	30.15	8.05	7.95	4.5	2.690	88.6	2.1	0.9	0.5
953	2/24/2014 9:31:13	11.14	46.38	30.00	8.11	7.95	3.6	2.594	89.3	2.0	0.9	0.5
954	2/24/2014 9:46:13	11.20	45.72	29.53	8.17	7.95	3.7	2.494	89.8	2.4	1.0	0.6
955	2/24/2014 10:01:13	11.27	45.42	29.32	8.29	7.96	4.2	2.395	91.1	2.2	0.9	0.5
956	2/24/2014 10:16:13	11.33	45.47	29.36	8.41	7.97	3.5	2.302	92.5	1.7	0.7	0.4
957	2/24/2014 10:31:13	11.43	45.34	29.27	8.59	7.98	3.7	2.178	94.7	2.0	0.9	0.5
958	2/24/2014 10:46:13	11.55	45.35	29.28	8.69	7.98	3.9	2.076	96.0	2.0	0.9	0.5
959	2/24/2014 11:01:12	11.65	45.11	29.12	8.50	7.97	3.9	1.972	93.9	2.3	1.0	0.5
960	2/24/2014 11:16:13	11.79	44.97	29.02	8.65	7.99	4.3	1.858	95.9	2.5	1.1	0.6
961	2/24/2014 11:31:12	11.84	44.87	28.95	8.89	7.98	3.9	1.747	98.6	2.2	0.9	0.5
962	2/24/2014 11:46:13	12.13	45.05	29.09	9.17	8.01	3.6	1.632	102.5	2.5	1.1	0.6
963	2/24/2014 12:01:12	12.19	44.78	28.90	9.22	8.01	3.8	1.518	103.0	2.3	1.0	0.5
964	2/24/2014 12:16:12	12.20	44.74	28.87	9.22	8.01	3.2	1.428	103.0	3.0	1.3	0.7
965	2/24/2014 12:31:13	12.22	44.54	28.73	9.04	8.00	2.8	1.337	100.9	2.3	1.0	0.5
966	2/24/2014 12:46:13	12.29	44.44	28.66	8.90	7.99	2.8	1.258	99.5	2.3	1.0	0.5
967	2/24/2014 13:01:13	12.44	44.34	28.60	8.88	7.99	3.6	1.199	99.5	2.6	1.1	0.6
968	2/24/2014 13:16:13	12.38	44.30	28.56	8.52	7.96	1.9	1.164	95.4	1.9	0.8	0.4
969	2/24/2014 13:31:12	12.52	44.37	28.62	8.92	7.98	3.2	1.128	100.2	2.6	1.1	0.6
970	2/24/2014 13:46:12	12.04	44.41	28.63	8.63	7.96	2.7	1.141	95.9	2.9	1.2	0.7
971	2/24/2014 14:01:13	12.15	44.51	28.70	8.75	7.97	3.2	1.150	97.6	2.2	0.9	0.5
972	2/24/2014 14:16:13	12.07	44.50	28.69	8.68	7.97	3.1	1.181	96.6	3.1	1.3	0.7
973	2/24/2014 14:31:12	12.27	44.49	28.70	8.68	7.96	3.4	1.229	97.0	3.0	1.3	0.7
974	2/24/2014 14:46:13	12.22	44.47	28.68	8.59	7.96	3.9	1.283	95.9	2.9	1.2	0.7
975	2/24/2014 15:01:13	12.32	43.93	28.30	8.86	7.99	4.8	1.345	98.9	2.9	1.2	0.7
976	2/24/2014 15:16:13	12.35	43.68	28.12	8.94	8.00	5.9	1.413	99.7	3.6	1.5	0.9
977	2/24/2014 15:31:12	12.26	43.66	28.11	8.90	7.99	6.6	1.475	99.1	3.7	1.6	0.9
978	2/24/2014 15:46:12	12.16	43.84	28.23	8.78	7.98	5.0	1.546	97.6	3.4	1.5	0.8
979	2/24/2014 16:01:13	12.19	43.90	28.27	8.73	7.98	4.7	1.615	97.1	3.3	1.4	0.8
980	2/24/2014 16:16:13	12.02	44.23	28.50	8.50	7.96	3.4	1.686	94.4	2.3	1.0	0.5
981	2/24/2014 16:31:12	12.02	44.21	28.48	8.47	7.95	4.0	1.758	94.1	2.6	1.1	0.6
982	2/24/2014 16:46:13	11.80	44.78	28.89	8.32	7.95	3.5	1.831	92.2	2.3	1.0	0.5
983	2/24/2014 17:01:13	11.65	45.32	29.27	8.17	7.94	3.8	1.906	90.4	2.2	0.9	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
984	2/24/2014 17:16:13	11.62	45.59	29.45	8.22	7.95	4.5	1.986	91.1	3.0	1.3	0.7
985	2/24/2014 17:31:13	11.61	45.64	29.49	8.22	7.95	3.7	2.050	91.1	2.4	1.0	0.6
986	2/24/2014 17:46:13	11.58	45.77	29.58	8.22	7.95	3.8	2.135	91.1	2.5	1.1	0.6
987	2/24/2014 18:01:13	11.55	45.80	29.61	8.23	7.95	3.9	2.204	91.1	2.1	0.9	0.5
988	2/24/2014 18:16:13	11.51	45.83	29.62	8.21	7.95	4.3	2.263	90.8	2.4	1.0	0.6
989	2/24/2014 18:31:13	11.51	45.76	29.57	8.19	7.95	4.0	2.337	90.6	2.5	1.1	0.6
990	2/24/2014 18:46:12	11.55	45.85	29.64	8.18	7.95	4.2	2.404	90.6	2.6	1.1	0.6
991	2/24/2014 19:01:12	11.54	46.04	29.77	8.17	7.95	5.0	2.469	90.5	2.8	1.2	0.6
992	2/24/2014 19:16:13	11.49	46.31	29.96	8.18	7.95	4.8	2.524	90.6	2.7	1.2	0.6
993	2/24/2014 19:31:13	11.49	46.32	29.97	8.18	7.95	4.1	2.578	90.7	2.9	1.2	0.7
994	2/24/2014 19:46:13	11.48	46.53	30.12	8.18	7.95	3.9	2.632	90.7	2.5	1.1	0.6
995	2/24/2014 20:01:13	11.45	46.53	30.12	8.13	7.95	3.6	2.667	90.1	3.1	1.3	0.7
996	2/24/2014 20:16:12	11.42	46.60	30.17	8.07	7.95	3.0	2.702	89.4	3.1	1.3	0.7
997	2/24/2014 20:31:12	11.35	46.86	30.36	8.01	7.94	2.8	2.738	88.8	2.6	1.1	0.6
998	2/24/2014 20:46:12	11.33	47.01	30.46	7.97	7.94	2.1	2.747	88.3	3.0	1.3	0.7
999	2/24/2014 21:01:13	11.39	46.81	30.32	7.90	7.94	2.3	2.739	87.6	2.3	1.0	0.6
1000	2/24/2014 21:16:13	11.36	46.86	30.36	7.94	7.94	3.2	2.717	87.9	2.5	1.1	0.6
1001	2/24/2014 21:31:12	11.43	46.55	30.14	7.98	7.94	3.3	2.696	88.4	2.8	1.2	0.7
1002	2/24/2014 21:46:13	11.44	46.01	29.75	8.03	7.95	4.5	2.642	88.7	3.0	1.3	0.7
1003	2/24/2014 22:01:13	11.50	46.00	29.74	7.95	7.94	5.3	2.591	88.0	2.8	1.2	0.7
1004	2/24/2014 22:16:13	11.49	46.16	29.86	8.01	7.94	5.0	2.529	88.7	2.6	1.1	0.6
1005	2/24/2014 22:31:13	11.46	45.90	29.67	7.98	7.94	6.1	2.469	88.2	2.9	1.2	0.7
1006	2/24/2014 22:46:12	11.56	45.77	29.58	7.97	7.94	4.8	2.414	88.2	2.6	1.1	0.6
1007	2/24/2014 23:01:13	11.58	45.83	29.62	7.95	7.93	4.0	2.343	88.1	2.2	0.9	0.5
1008	2/24/2014 23:16:13	11.57	45.63	29.48	7.95	7.94	3.7	2.290	88.0	2.7	1.2	0.6
1009	2/24/2014 23:31:13	11.57	45.66	29.50	7.90	7.94	5.4	2.239	87.5	3.2	1.4	0.7
1010	2/24/2014 23:46:12	11.56	45.46	29.36	7.91	7.93	4.2	2.190	87.5	2.7	1.2	0.6
1011	2/25/2014 0:01:12	11.56	45.36	29.29	7.90	7.93	4.0	2.134	87.3	2.3	1.0	0.5
1012	2/25/2014 0:16:13	11.52	45.25	29.21	7.90	7.93	3.6	2.090	87.1	2.7	1.2	0.6
1013	2/25/2014 0:31:13	11.54	45.15	29.14	7.87	7.92	3.2	2.057	86.9	3.0	1.3	0.7
1014	2/25/2014 0:46:13	11.58	44.95	29.00	7.82	7.92	3.1	2.031	86.3	2.3	1.0	0.5
1015	2/25/2014 1:01:13	11.58	45.05	29.07	7.73	7.91	2.5	2.001	85.4	2.8	1.2	0.7
1016	2/25/2014 1:16:13	11.58	45.07	29.08	7.71	7.91	2.3	1.988	85.2	2.7	1.2	0.6
1017	2/25/2014 1:31:12	11.56	45.18	29.16	7.86	7.92	2.9	2.001	86.8	2.0	0.9	0.5
1018	2/25/2014 1:46:13	11.52	44.83	28.91	7.90	7.92	2.6	1.997	87.0	2.8	1.2	0.7
1019	2/25/2014 2:01:13	11.48	45.01	29.04	7.92	7.92	3.1	2.009	87.2	2.9	1.2	0.7
1020	2/25/2014 2:16:13	11.51	45.32	29.26	7.88	7.92	4.0	2.051	87.0	2.3	1.0	0.5
1021	2/25/2014 2:31:13	11.51	45.42	29.33	7.86	7.92	4.2	2.090	86.8	2.4	1.0	0.6
1022	2/25/2014 2:46:13	11.48	45.42	29.33	7.95	7.93	4.3	2.136	87.7	2.6	1.1	0.6
1023	2/25/2014 3:01:13	11.47	45.37	29.29	7.95	7.93	4.0	2.187	87.6	2.4	1.0	0.6
1024	2/25/2014 3:16:13	11.48	45.67	29.51	7.91	7.93	4.3	2.253	87.4	3.1	1.3	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
1025	2/25/2014 3:31:13	11.39	45.73	29.55	7.94	7.93	3.9	2.308	87.5	2.5	1.1	0.6
1026	2/25/2014 3:46:12	11.37	45.81	29.60	7.97	7.93	3.9	2.373	87.9	2.7	1.2	0.6
1027	2/25/2014 4:01:12	11.26	45.95	29.70	8.00	7.94	3.8	2.442	88.1	2.8	1.2	0.7
1028	2/25/2014 4:16:12	11.25	46.46	30.06	8.02	7.94	3.9	2.516	88.5	1.8	0.8	0.4
1029	2/25/2014 4:31:13	11.22	46.71	30.24	8.05	7.95	3.7	2.589	88.9	2.4	1.0	0.6
1030	2/25/2014 4:46:13	11.23	47.27	30.64	8.02	7.95	4.0	2.655	88.7	1.8	0.8	0.4
1031	2/25/2014 5:01:13	11.18	47.24	30.62	8.05	7.95	3.8	2.739	89.0	2.4	1.0	0.6
1032	2/25/2014 5:16:13	11.19	47.58	30.86	8.01	7.95	4.8	2.818	88.7	2.4	1.0	0.6
1033	2/25/2014 5:31:12	11.14	47.72	30.96	8.02	7.95	6.5	2.889	88.8	2.1	0.9	0.5
1034	2/25/2014 5:46:13	11.08	47.83	31.04	8.03	7.96	5.7	2.972	88.8	2.7	1.2	0.6
1035	2/25/2014 6:01:13	11.04	48.00	31.16	8.03	7.96	5.7	3.051	88.8	2.2	0.9	0.5
1036	2/25/2014 6:16:13	10.99	48.05	31.19	8.02	7.96	5.1	3.124	88.6	2.5	1.1	0.6
1037	2/25/2014 6:31:13	10.91	48.28	31.36	8.05	7.97	6.0	3.191	88.9	2.2	0.9	0.5
1038	2/25/2014 6:46:13	10.86	48.44	31.47	8.05	7.97	6.0	3.257	88.9	2.3	1.0	0.5
1039	2/25/2014 7:01:13	10.82	48.62	31.60	8.06	7.97	5.1	3.308	89.0	1.7	0.7	0.4
1040	2/25/2014 7:16:13	10.78	48.76	31.69	8.13	7.98	4.8	3.361	89.7	2.3	1.0	0.5
1041	2/25/2014 7:31:13	10.77	48.81	31.73	8.14	7.98	3.4	3.386	89.8	1.7	0.7	0.4
1042	2/25/2014 7:46:13	10.76	48.84	31.75	8.13	7.98	2.6	3.409	89.7	1.9	0.8	0.4
1043	2/25/2014 8:01:13	10.80	48.72	31.67	7.91	7.97	3.0	3.418	87.4	1.8	0.8	0.4
1044	2/25/2014 8:16:13	10.78	48.74	31.68	8.03	7.98	4.0	3.392	88.6	2.1	0.9	0.5
1045	2/25/2014 8:31:13	10.76	48.82	31.74	8.11	7.98	4.8	3.349	89.4	1.7	0.7	0.4
1046	2/25/2014 8:46:13	10.89	47.41	30.73	7.92	7.95	4.1	3.313	87.1	1.6	0.7	0.4
1047	2/25/2014 9:01:13	10.99	47.66	30.91	8.01	7.95	3.9	3.231	88.3	2.0	0.9	0.5
1048	2/25/2014 9:16:13	11.02	47.33	30.68	8.03	7.95	4.6	3.143	88.4	1.7	0.7	0.4
1049	2/25/2014 9:31:13	11.00	47.83	31.04	7.94	7.95	6.0	3.061	87.7	2.3	1.0	0.5
1050	2/25/2014 9:46:13	11.04	47.58	30.86	7.96	7.95	6.7	2.960	87.8	2.3	1.0	0.5
1051	2/25/2014 10:01:13	11.15	47.00	30.45	7.92	7.94	5.7	2.860	87.4	2.5	1.1	0.6
1052	2/25/2014 10:16:13	11.21	46.79	30.30	7.87	7.94	5.4	2.755	86.8	2.0	0.9	0.5
1053	2/25/2014 10:31:13	11.32	46.30	29.95	8.00	7.95	7.0	2.656	88.3	2.4	1.0	0.6
1054	2/25/2014 10:46:13	11.50	45.96	29.72	8.09	7.96	4.8	2.547	89.5	2.4	1.0	0.6
1055	2/25/2014 11:01:13	11.56	45.75	29.57	8.15	7.96	4.8	2.432	90.2	2.1	0.9	0.5
1056	2/25/2014 11:16:13	11.73	45.68	29.52	8.28	7.97	4.3	2.319	91.9	1.8	0.8	0.4
1057	2/25/2014 11:31:13	11.76	45.72	29.56	8.43	7.97	4.7	2.206	93.8	2.4	1.0	0.6
1058	2/25/2014 11:46:13	11.85	45.55	29.44	8.41	7.97	4.5	2.088	93.5	1.9	0.8	0.4
1059	2/25/2014 12:01:13	12.06	45.58	29.47	8.58	7.99	4.0	1.963	96.0	2.3	1.0	0.5
1060	2/25/2014 12:16:13	12.05	45.29	29.26	8.50	7.97	4.5	1.842	94.9	2.8	1.2	0.7
1061	2/25/2014 12:31:13	12.12	45.30	29.27	8.56	7.98	4.5	1.713	95.7	2.5	1.1	0.6
1062	2/25/2014 12:46:13	12.24	45.23	29.22	8.91	8.00	4.5	1.568	99.9	2.1	0.9	0.5
1063	2/25/2014 13:01:13	12.38	45.15	29.17	9.12	8.02	4.3	1.444	102.5	2.6	1.1	0.6
1064	2/25/2014 13:16:13	12.39	44.99	29.06	9.02	8.02	4.0	1.336	101.3	2.4	1.0	0.6
1065	2/25/2014 13:31:13	12.48	44.89	28.99	9.07	8.02	3.8	1.225	102.0	2.8	1.2	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
1066	2/25/2014 13:46:13	12.45	44.74	28.88	9.06	8.02	3.2	1.133	101.7	2.5	1.1	0.6
1067	2/25/2014 14:01:13	12.49	44.64	28.81	9.02	8.02	2.9	1.059	101.4	2.5	1.1	0.6
1068	2/25/2014 14:16:12	12.53	44.58	28.77	8.98	8.01	2.6	0.998	101.0	2.3	1.0	0.5
1069	2/25/2014 14:31:12	12.61	44.53	28.74	8.78	8.01	2.2	0.978	98.9	2.3	1.0	0.5
1070	2/25/2014 14:46:12	12.66	44.67	28.83	9.16	8.02	3.2	0.967	103.3	2.5	1.1	0.6
1071	2/25/2014 15:01:13	12.62	44.74	28.89	9.11	8.02	3.8	0.983	102.7	2.8	1.2	0.6
1072	2/25/2014 15:16:12	12.58	44.79	28.92	9.07	8.01	4.7	1.043	102.2	2.6	1.1	0.6
1073	2/25/2014 15:31:12	12.54	44.75	28.89	9.04	8.01	3.5	1.086	101.7	2.8	1.2	0.7
1074	2/25/2014 15:46:12	12.62	44.73	28.88	9.02	8.01	3.4	1.164	101.7	2.7	1.2	0.6
1075	2/25/2014 16:01:12	12.58	44.72	28.87	8.97	8.00	3.7	1.235	101.0	2.7	1.2	0.6
1076	2/25/2014 16:16:12	12.56	44.57	28.77	9.00	8.01	4.5	1.313	101.2	2.6	1.1	0.6
1077	2/25/2014 16:31:12	12.52	44.54	28.74	8.93	8.00	4.2	1.390	100.4	2.4	1.0	0.6
1078	2/25/2014 16:46:13	12.42	44.61	28.79	8.87	8.00	4.2	1.464	99.5	2.9	1.2	0.7
1079	2/25/2014 17:01:13	12.35	44.73	28.87	8.83	8.00	4.3	1.551	98.9	2.3	1.0	0.5
1080	2/25/2014 17:16:13	12.30	44.84	28.94	8.73	7.99	5.1	1.634	97.8	2.2	0.9	0.5
1081	2/25/2014 17:31:13	12.18	45.19	29.19	8.55	7.98	4.5	1.708	95.7	2.1	0.9	0.5
1082	2/25/2014 17:46:13	12.07	45.32	29.28	8.46	7.97	4.7	1.796	94.4	2.0	0.9	0.5
1083	2/25/2014 18:01:13	12.03	45.45	29.37	8.48	7.97	4.6	1.893	94.7	2.3	1.0	0.5
1084	2/25/2014 18:16:13	11.93	45.71	29.55	8.40	7.97	5.4	1.982	93.7	2.1	0.9	0.5
1085	2/25/2014 18:31:13	11.84	45.91	29.69	8.40	7.97	5.4	2.069	93.6	2.9	1.2	0.7
1086	2/25/2014 18:46:13	11.80	46.03	29.78	8.39	7.97	5.7	2.162	93.5	2.2	0.9	0.5
1087	2/25/2014 19:01:13	11.76	46.08	29.82	8.33	7.97	6.2	2.246	92.8	2.9	1.2	0.7
1088	2/25/2014 19:16:13	11.69	46.24	29.93	8.29	7.96	6.6	2.331	92.2	2.6	1.1	0.6
1089	2/25/2014 19:31:12	11.64	46.22	29.91	8.25	7.96	7.0	2.415	91.7	2.8	1.2	0.6
1090	2/25/2014 19:46:13	11.63	46.53	30.13	8.26	7.96	7.6	2.491	91.9	2.9	1.2	0.7
1091	2/25/2014 20:01:13	11.60	46.65	30.22	8.25	7.96	7.8	2.564	91.8	2.6	1.1	0.6
1092	2/25/2014 20:16:12	11.53	46.77	30.30	8.24	7.96	7.9	2.635	91.5	2.9	1.2	0.7
1093	2/25/2014 20:31:13	11.44	47.37	30.72	8.22	7.97	7.4	2.706	91.4	3.0	1.3	0.7
1094	2/25/2014 20:46:13	11.36	47.71	30.97	8.24	7.97	6.1	2.765	91.6	2.6	1.1	0.6
1095	2/25/2014 21:01:13	11.31	47.95	31.14	8.24	7.98	5.4	2.826	91.6	2.6	1.1	0.6
1096	2/25/2014 21:16:13	11.28	48.05	31.21	8.23	7.98	4.8	2.869	91.6	2.9	1.2	0.7
1097	2/25/2014 21:31:12	11.26	48.12	31.26	8.22	7.98	4.3	2.898	91.4	2.8	1.2	0.7
1098	2/25/2014 21:46:13	11.25	48.16	31.29	8.12	7.97	2.7	2.916	90.3	2.2	0.9	0.5
1099	2/25/2014 22:01:13	11.28	48.06	31.21	8.10	7.97	5.4	2.922	90.1	2.0	0.9	0.5
1100	2/25/2014 22:16:13	11.26	48.17	31.30	8.12	7.97	4.1	2.897	90.3	2.1	0.9	0.5
1101	2/25/2014 22:31:13	11.38	47.76	31.00	8.05	7.97	5.2	2.846	89.6	2.1	0.9	0.5
1102	2/25/2014 22:46:13	11.51	46.88	30.38	8.09	7.96	6.6	2.794	89.9	2.8	1.2	0.7
1103	2/25/2014 23:01:13	11.55	46.96	30.44	8.06	7.96	5.9	2.733	89.6	2.8	1.2	0.7
1104	2/25/2014 23:16:13	11.56	46.69	30.25	8.08	7.96	8.3	2.648	89.9	2.6	1.1	0.6
1105	2/25/2014 23:31:12	11.63	46.54	30.14	8.06	7.95	6.1	2.573	89.7	2.3	1.0	0.5
1106	2/25/2014 23:46:13	11.65	46.41	30.05	8.06	7.95	5.6	2.494	89.6	2.5	1.1	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
1107	2/26/2014 0:01:12	11.65	46.22	29.91	8.05	7.95	4.6	2.419	89.5	2.6	1.1	0.6
1108	2/26/2014 0:16:13	11.70	46.13	29.84	8.01	7.94	5.4	2.353	89.1	2.7	1.2	0.6
1109	2/26/2014 0:31:13	11.70	45.97	29.74	7.97	7.94	5.7	2.288	88.6	2.7	1.2	0.6
1110	2/26/2014 0:46:12	11.72	46.00	29.75	7.96	7.94	5.1	2.213	88.5	2.8	1.2	0.7
1111	2/26/2014 1:01:13	11.76	45.81	29.62	8.08	7.95	4.8	2.155	89.9	2.8	1.2	0.7
1112	2/26/2014 1:16:13	11.74	45.85	29.65	8.02	7.94	4.6	2.090	89.1	3.0	1.3	0.7
1113	2/26/2014 1:31:13	11.73	45.77	29.59	7.98	7.94	4.3	2.024	88.6	2.7	1.2	0.6
1114	2/26/2014 1:46:13	11.74	45.74	29.57	7.91	7.94	4.6	1.985	87.9	2.9	1.2	0.7
1115	2/26/2014 2:01:13	11.89	45.37	29.31	7.98	7.94	3.4	1.937	88.8	2.9	1.2	0.7
1116	2/26/2014 2:16:13	11.90	45.29	29.26	7.90	7.94	2.6	1.904	88.0	2.6	1.1	0.6
1117	2/26/2014 2:31:13	11.92	45.22	29.21	7.85	7.94	2.6	1.887	87.4	2.9	1.2	0.7
1118	2/26/2014 2:46:13	11.93	45.14	29.14	7.83	7.93	2.2	1.881	87.1	2.6	1.1	0.6
1119	2/26/2014 3:01:13	11.86	45.34	29.29	7.96	7.94	3.3	1.888	88.5	2.7	1.2	0.6
1120	2/26/2014 3:16:12	11.84	45.44	29.36	7.96	7.93	4.0	1.926	88.5	2.7	1.2	0.6
1121	2/26/2014 3:31:13	11.81	45.45	29.37	7.97	7.94	4.4	1.956	88.6	2.6	1.1	0.6
1122	2/26/2014 3:46:13	11.78	45.58	29.46	7.99	7.94	4.5	2.005	88.9	2.7	1.2	0.6
1123	2/26/2014 4:01:13	11.80	45.35	29.29	8.05	7.95	5.1	2.084	89.5	2.5	1.1	0.6
1124	2/26/2014 4:16:12	11.75	45.50	29.40	8.01	7.94	5.1	2.145	88.9	2.4	1.0	0.6
1125	2/26/2014 4:31:13	11.71	45.81	29.61	7.99	7.94	5.4	2.207	88.8	2.8	1.2	0.7
1126	2/26/2014 4:46:13	11.64	46.10	29.82	7.96	7.94	5.0	2.290	88.4	2.7	1.2	0.6
1127	2/26/2014 5:01:13	11.55	46.55	30.14	7.98	7.95	5.1	2.356	88.7	2.9	1.2	0.7
1128	2/26/2014 5:16:13	11.54	46.72	30.26	8.02	7.95	5.3	2.439	89.1	2.8	1.2	0.7
1129	2/26/2014 5:31:13	11.50	46.84	30.35	8.10	7.96	4.8	2.510	90.0	2.2	0.9	0.5
1130	2/26/2014 5:46:13	11.47	47.02	30.48	8.13	7.96	5.2	2.569	90.4	1.9	0.8	0.4
1131	2/26/2014 6:01:13	11.46	47.08	30.52	8.15	7.97	5.3	2.659	90.6	2.5	1.1	0.6
1132	2/26/2014 6:16:13	11.41	47.27	30.65	8.15	7.96	6.5	2.743	90.5	2.6	1.1	0.6
1133	2/26/2014 6:31:13	11.34	47.41	30.75	8.19	7.97	8.9	2.821	90.9	2.5	1.1	0.6
1134	2/26/2014 6:46:13	11.28	47.72	30.97	8.24	7.98	9.4	2.916	91.5	2.5	1.1	0.6
1135	2/26/2014 7:01:13	11.20	48.01	31.17	8.31	7.99	8.9	3.012	92.2	2.3	1.0	0.5
1136	2/26/2014 7:16:13	11.16	48.13	31.26	8.34	8.00	8.4	3.103	92.5	2.6	1.1	0.6
1137	2/26/2014 7:31:13	11.13	48.16	31.28	8.36	8.01	7.6	3.194	92.7	1.9	0.8	0.4
1138	2/26/2014 7:46:13	11.09	48.31	31.39	8.41	8.01	6.7	3.261	93.2	2.0	0.9	0.5
1139	2/26/2014 8:01:13	11.06	48.35	31.42	8.44	8.02	6.5	3.345	93.5	2.0	0.9	0.5
1140	2/26/2014 8:16:13	11.05	48.41	31.46	8.46	8.02	4.8	3.399	93.7	1.9	0.8	0.4
1141	2/26/2014 8:31:13	11.03	48.44	31.48	8.47	8.02	4.3	3.449	93.8	2.0	0.9	0.5
1142	2/26/2014 8:46:13	11.03	48.43	31.47	8.47	8.03	3.8	3.462	93.8	2.1	0.9	0.5
1143	2/26/2014 9:01:13	11.04	48.44	31.47	8.39	8.02	3.0	3.491	93.0	1.9	0.8	0.4
1144	2/26/2014 9:16:13	11.11	48.24	31.34	8.22	8.00	7.5	3.471	91.1	2.2	0.9	0.5
1145	2/26/2014 9:31:13	11.06	48.34	31.40	8.28	8.01	6.7	3.462	91.7	1.7	0.7	0.4
1146	2/26/2014 9:46:13	11.06	48.39	31.44	8.22	8.01	5.2	3.426	91.0	1.6	0.7	0.4
1147	2/26/2014 10:01:13	11.11	48.30	31.38	8.30	8.00	5.6	3.343	92.0	1.7	0.7	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
1148	2/26/2014 10:16:13	11.39	47.71	30.97	8.30	7.99	5.3	3.264	92.3	2.0	0.9	0.5
1149	2/26/2014 10:31:13	11.43	47.58	30.88	8.32	7.99	4.8	3.166	92.6	2.0	0.9	0.5
1150	2/26/2014 10:46:13	11.45	47.52	30.83	8.27	7.99	5.9	3.061	92.1	1.9	0.8	0.5
1151	2/26/2014 11:01:13	11.55	47.14	30.57	8.16	7.97	7.5	2.963	90.9	2.3	1.0	0.5
1152	2/26/2014 11:16:12	11.64	46.83	30.35	8.09	7.96	6.5	2.835	90.1	2.1	0.9	0.5
1153	2/26/2014 11:31:13	11.79	46.39	30.03	8.04	7.95	7.8	2.721	89.7	2.5	1.1	0.6
1154	2/26/2014 11:46:12	11.78	46.43	30.07	8.07	7.95	4.8	2.582	90.0	2.5	1.1	0.6
1155	2/26/2014 12:01:12	11.71	46.90	30.40	8.19	7.97	4.5	2.479	91.5	2.2	0.9	0.5
1156	2/26/2014 12:16:13	11.72	46.96	30.44	8.30	7.98	4.2	2.357	92.7	2.7	1.2	0.6
1157	2/26/2014 12:31:13	11.74	47.05	30.51	8.43	7.99	5.3	2.201	94.3	2.5	1.1	0.6
1158	2/26/2014 12:46:12	11.91	46.46	30.10	8.48	7.99	5.0	2.092	94.8	2.2	0.9	0.5
1159	2/26/2014 13:01:13	12.01	46.03	29.79	8.34	7.97	5.8	1.957	93.3	2.7	1.2	0.6
1160	2/26/2014 13:16:13	12.09	45.94	29.73	8.48	7.99	4.8	1.815	95.0	2.5	1.1	0.6
1161	2/26/2014 13:31:13	12.21	46.18	29.90	8.84	8.05	5.0	1.674	99.4	2.2	0.9	0.5
1162	2/26/2014 13:46:13	12.25	45.69	29.56	8.76	8.00	6.7	1.525	98.4	2.6	1.1	0.6
1163	2/26/2014 14:01:13	12.33	45.50	29.42	8.78	8.01	5.6	1.381	98.7	2.8	1.2	0.7
1164	2/26/2014 14:16:13	12.40	45.51	29.43	8.91	8.03	4.7	1.265	100.3	2.9	1.2	0.7
1165	2/26/2014 14:31:12	12.44	45.24	29.24	8.74	8.01	4.5	1.141	98.4	3.1	1.3	0.7
1166	2/26/2014 14:46:12	12.53	44.97	29.05	8.70	8.01	4.2	1.051	97.9	3.3	1.4	0.8
1167	2/26/2014 15:01:13	12.56	44.94	29.03	8.67	8.01	4.4	0.964	97.7	2.9	1.2	0.7
1168	2/26/2014 15:16:13	12.59	44.88	28.99	8.64	8.01	4.0	0.898	97.4	3.3	1.4	0.8
1169	2/26/2014 15:31:13	12.62	44.85	28.97	8.53	8.00	3.6	0.854	96.2	3.8	1.6	0.9
1170	2/26/2014 15:46:13	12.61	44.87	28.98	8.71	8.02	5.4	0.835	98.3	3.7	1.6	0.9
1171	2/26/2014 16:01:13	12.59	44.95	29.04	8.73	8.02	4.2	0.873	98.5	3.6	1.5	0.8
1172	2/26/2014 16:16:13	12.55	44.94	29.03	8.70	8.01	5.0	0.943	98.0	3.2	1.4	0.7
1173	2/26/2014 16:31:12	12.53	44.89	28.99	8.69	8.00	5.5	1.019	97.8	3.3	1.4	0.8
1174	2/26/2014 16:46:13	12.54	44.93	29.02	8.66	8.01	5.5	1.083	97.5	3.3	1.4	0.8
1175	2/26/2014 17:01:12	12.55	44.70	28.85	8.70	8.01	6.2	1.202	97.9	3.1	1.3	0.7
1176	2/26/2014 17:16:12	12.55	44.49	28.71	8.68	8.01	6.2	1.267	97.6	2.7	1.2	0.6
1177	2/26/2014 17:31:12	12.53	44.57	28.76	8.65	8.01	6.4	1.372	97.2	3.1	1.3	0.7
1178	2/26/2014 17:46:12	12.47	44.71	28.86	8.59	8.00	5.8	1.481	96.5	3.1	1.3	0.7
1179	2/26/2014 18:01:13	12.32	45.21	29.21	8.46	7.98	4.9	1.574	94.9	2.1	0.9	0.5
1180	2/26/2014 18:16:13	12.27	45.34	29.31	8.43	7.98	5.7	1.663	94.5	2.6	1.1	0.6
1181	2/26/2014 18:31:13	12.08	45.85	29.66	8.33	7.97	5.8	1.758	93.3	2.7	1.2	0.6
1182	2/26/2014 18:46:13	12.02	46.02	29.78	8.36	7.97	5.3	1.856	93.6	3.0	1.3	0.7
1183	2/26/2014 19:01:13	12.00	46.11	29.85	8.38	7.98	6.0	1.952	93.8	2.9	1.2	0.7
1184	2/26/2014 19:16:12	11.98	46.09	29.83	8.37	7.97	6.2	2.056	93.7	2.8	1.2	0.7
1185	2/26/2014 19:31:13	11.94	46.35	30.01	8.34	7.98	7.2	2.145	93.3	3.5	1.5	0.8
1186	2/26/2014 19:46:13	11.86	46.44	30.07	8.28	7.97	7.8	2.250	92.6	2.8	1.2	0.7
1187	2/26/2014 20:01:12	11.82	46.55	30.15	8.25	7.97	9.6	2.343	92.2	2.7	1.2	0.6
1188	2/26/2014 20:16:12	11.77	46.70	30.26	8.26	7.97	10.8	2.450	92.2	3.0	1.3	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
1189	2/26/2014 20:31:13	11.72	46.83	30.35	8.27	7.98	12.1	2.542	92.3	3.2	1.4	0.7
1190	2/26/2014 20:46:13	11.58	47.22	30.62	8.34	7.98	13.1	2.648	93.0	3.3	1.4	0.8
1191	2/26/2014 21:01:13	11.50	47.54	30.85	8.42	7.99	11.5	2.749	93.8	2.7	1.2	0.6
1192	2/26/2014 21:16:13	11.46	47.73	30.99	8.45	7.99	12.3	2.842	94.2	2.8	1.2	0.7
1193	2/26/2014 21:31:13	11.42	47.80	31.03	8.47	8.00	9.4	2.941	94.4	2.6	1.1	0.6
1194	2/26/2014 21:46:13	11.37	47.82	31.04	8.50	8.00	8.4	2.989	94.6	2.8	1.2	0.7
1195	2/26/2014 22:01:13	11.28	48.01	31.18	8.57	8.00	5.7	3.051	95.2	2.3	1.0	0.5
1196	2/26/2014 22:16:13	11.21	48.16	31.29	8.63	8.00	5.4	3.106	95.9	2.5	1.1	0.6
1197	2/26/2014 22:31:13	11.20	48.24	31.34	8.58	8.00	3.8	3.126	95.3	2.4	1.0	0.6
1198	2/26/2014 22:46:13	11.36	47.77	31.01	8.32	7.98	5.3	3.088	92.6	2.7	1.2	0.6
1199	2/26/2014 23:01:13	11.21	48.20	31.31	8.53	7.99	5.7	3.085	94.8	2.1	0.9	0.5
1200	2/26/2014 23:16:13	11.22	48.24	31.34	8.53	7.99	6.0	3.056	94.8	2.7	1.2	0.6
1201	2/26/2014 23:31:13	11.58	46.77	30.30	8.24	7.98	6.4	2.990	91.7	2.6	1.1	0.6
1202	2/26/2014 23:46:12	11.69	46.50	30.11	8.15	7.97	7.1	2.909	90.8	2.5	1.1	0.6
1203	2/27/2014 0:01:13	11.62	46.81	30.33	8.18	7.97	7.3	2.824	91.1	3.0	1.3	0.7
1204	2/27/2014 0:16:13	11.65	46.80	30.33	8.19	7.97	9.5	2.738	91.2	3.3	1.4	0.8
1205	2/27/2014 0:31:13	11.63	46.85	30.36	8.16	7.97	6.8	2.640	90.9	2.8	1.2	0.7
1206	2/27/2014 0:46:13	11.61	46.89	30.39	8.13	7.97	6.1	2.549	90.5	2.8	1.2	0.7
1207	2/27/2014 1:01:13	11.64	46.75	30.29	8.06	7.96	7.0	2.440	89.7	3.1	1.3	0.7
1208	2/27/2014 1:16:13	11.65	46.63	30.20	8.09	7.96	6.8	2.368	90.1	2.5	1.1	0.6
1209	2/27/2014 1:31:13	11.68	46.60	30.18	8.03	7.96	5.4	2.288	89.5	2.5	1.1	0.6
1210	2/27/2014 1:46:13	11.71	46.48	30.10	8.04	7.96	5.9	2.194	89.5	2.2	0.9	0.5
1211	2/27/2014 2:01:13	11.66	46.49	30.10	8.05	7.96	5.9	2.111	89.6	2.3	1.0	0.5
1212	2/27/2014 2:16:13	11.67	46.38	30.02	8.06	7.96	5.1	2.032	89.7	2.3	1.0	0.5
1213	2/27/2014 2:31:13	11.83	45.98	29.75	8.05	7.96	4.7	1.968	89.8	2.7	1.2	0.6
1214	2/27/2014 2:46:13	11.77	46.01	29.76	7.99	7.95	4.8	1.900	88.9	2.0	0.9	0.5
1215	2/27/2014 3:01:13	11.91	45.62	29.49	7.99	7.96	3.8	1.848	89.1	2.7	1.2	0.6
1216	2/27/2014 3:16:12	11.85	45.70	29.54	7.94	7.95	4.2	1.797	88.4	2.8	1.2	0.7
1217	2/27/2014 3:31:13	11.98	45.38	29.32	7.85	7.95	3.5	1.775	87.5	2.5	1.1	0.6
1218	2/27/2014 3:46:13	12.05	45.17	29.17	7.82	7.95	2.8	1.747	87.2	3.2	1.4	0.8
1219	2/27/2014 4:01:13	11.98	45.27	29.24	7.84	7.95	3.3	1.745	87.4	2.5	1.1	0.6
1220	2/27/2014 4:16:13	11.93	45.51	29.41	7.94	7.95	4.0	1.765	88.5	2.6	1.1	0.6
1221	2/27/2014 4:31:13	11.94	45.47	29.38	7.98	7.95	4.8	1.803	88.9	2.7	1.2	0.6
1222	2/27/2014 4:46:12	11.91	45.47	29.38	7.97	7.95	5.1	1.856	88.8	2.8	1.2	0.6
1223	2/27/2014 5:01:13	11.91	45.25	29.22	8.02	7.96	6.4	1.930	89.2	2.7	1.2	0.6
1224	2/27/2014 5:16:13	11.89	45.27	29.24	8.03	7.96	6.0	2.009	89.4	2.5	1.1	0.6
1225	2/27/2014 5:31:13	11.86	45.60	29.47	8.01	7.95	5.7	2.093	89.2	2.2	0.9	0.5
1226	2/27/2014 5:46:13	11.80	45.82	29.63	8.01	7.95	5.5	2.194	89.2	2.5	1.1	0.6
1227	2/27/2014 6:01:13	11.69	46.38	30.02	8.05	7.95	5.9	2.271	89.6	2.4	1.0	0.6
1228	2/27/2014 6:16:13	11.65	46.54	30.14	8.13	7.96	5.8	2.362	90.5	2.3	1.0	0.5
1229	2/27/2014 6:31:13	11.63	46.68	30.24	8.19	7.97	5.7	2.448	91.1	2.4	1.0	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
1230	2/27/2014 6:46:13	11.61	46.72	30.27	8.20	7.97	7.6	2.550	91.3	2.5	1.1	0.6
1231	2/27/2014 7:01:13	11.54	46.94	30.42	8.23	7.97	9.5	2.639	91.6	2.7	1.2	0.6
1232	2/27/2014 7:16:13	11.48	47.16	30.58	8.27	7.97	10.0	2.744	91.9	2.7	1.2	0.6
1233	2/27/2014 7:31:13	11.40	47.43	30.77	8.33	7.98	13.9	2.851	92.6	2.5	1.1	0.6
1234	2/27/2014 7:46:13	11.29	47.71	30.96	8.42	7.98	14.4	2.957	93.5	3.0	1.3	0.7
1235	2/27/2014 8:01:13	11.20	47.93	31.12	8.51	7.99	13.4	3.055	94.4	3.0	1.3	0.7
1236	2/27/2014 8:16:13	11.15	48.10	31.24	8.55	7.99	12.0	3.161	94.8	2.4	1.0	0.6
1237	2/27/2014 8:31:13	11.08	48.27	31.35	8.61	8.00	10.0	3.255	95.4	2.3	1.0	0.5
1238	2/27/2014 8:46:13	11.01	48.48	31.50	8.67	8.00	10.0	3.346	96.0	2.1	0.9	0.5
1239	2/27/2014 9:01:13	10.99	48.47	31.49	8.70	8.00	7.3	3.427	96.3	2.5	1.1	0.6
1240	2/27/2014 9:16:13	10.98	48.62	31.61	8.72	8.00	6.8	3.490	96.6	2.6	1.1	0.6
1241	2/27/2014 9:31:13	10.97	48.60	31.59	8.70	8.01	5.3	3.539	96.3	2.0	0.9	0.5
1242	2/27/2014 9:46:13	10.96	48.70	31.66	8.71	8.00	5.2	3.587	96.5	2.0	0.9	0.5
1243	2/27/2014 10:01:13	10.96	48.70	31.66	8.68	8.00	4.1	3.611	96.1	2.0	0.9	0.5
1244	2/27/2014 10:16:13	11.03	48.51	31.52	8.59	8.00	6.1	3.608	95.1	2.4	1.0	0.6
1245	2/27/2014 10:31:13	11.00	48.60	31.59	8.54	7.99	5.9	3.600	94.6	1.9	0.8	0.4
1246	2/27/2014 10:46:13	10.99	48.62	31.60	8.54	7.99	11.9	3.558	94.6	2.9	1.2	0.7
1247	2/27/2014 11:01:13	11.10	48.48	31.51	8.63	8.00	7.2	3.459	95.8	2.1	0.9	0.5
1248	2/27/2014 11:16:13	11.35	48.04	31.21	8.72	8.00	7.6	3.374	97.1	2.6	1.1	0.6
1249	2/27/2014 11:31:13	11.39	47.79	31.03	8.59	8.00	5.9	3.287	95.6	2.6	1.1	0.6
1250	2/27/2014 11:46:13	11.50	47.47	30.80	8.48	7.98	5.6	3.161	94.5	2.3	1.0	0.5
1251	2/27/2014 12:01:13	11.63	47.10	30.54	8.34	7.98	7.6	3.024	93.1	2.4	1.0	0.6
1252	2/27/2014 12:16:13	11.66	47.07	30.52	8.35	7.98	9.4	2.904	93.2	2.1	0.9	0.5
1253	2/27/2014 12:31:13	11.70	46.97	30.45	8.33	7.98	10.1	2.765	93.0	2.2	0.9	0.5
1254	2/27/2014 12:46:13	11.78	46.84	30.36	8.31	7.97	9.9	2.642	92.9	3.0	1.3	0.7
1255	2/27/2014 13:01:13	11.85	46.73	30.28	8.31	7.97	9.2	2.512	92.9	2.8	1.2	0.6
1256	2/27/2014 13:16:13	11.91	46.71	30.27	8.38	7.98	7.4	2.368	93.9	2.6	1.1	0.6
1257	2/27/2014 13:31:13	11.91	46.77	30.32	8.57	7.99	7.3	2.228	96.0	2.7	1.2	0.6
1258	2/27/2014 13:46:12	12.07	46.03	29.79	8.40	7.98	9.0	2.099	94.1	2.6	1.1	0.6
1259	2/27/2014 14:01:13	12.12	46.18	29.90	8.65	8.00	7.0	1.940	97.1	2.9	1.2	0.7
1260	2/27/2014 14:16:13	12.23	46.01	29.78	8.74	8.00	11.1	1.788	98.3	2.8	1.2	0.7
1261	2/27/2014 14:31:13	12.34	45.96	29.75	8.83	8.02	10.1	1.642	99.5	2.6	1.1	0.6
1262	2/27/2014 14:46:12	12.50	45.78	29.63	8.96	8.04	11.3	1.491	101.2	2.7	1.2	0.6
1263	2/27/2014 15:01:13	12.62	45.72	29.59	8.86	8.05	11.4	1.351	100.4	3.0	1.3	0.7
1264	2/27/2014 15:16:13	12.63	45.57	29.48	8.81	8.03	9.8	1.191	99.7	2.6	1.1	0.6
1265	2/27/2014 15:31:13	12.62	45.29	29.28	8.73	8.02	8.1	1.060	98.7	2.3	1.0	0.5
1266	2/27/2014 15:46:12	12.68	45.16	29.19	8.75	8.02	7.6	0.960	98.9	2.8	1.2	0.7
1267	2/27/2014 16:01:12	12.74	45.08	29.13	8.78	8.02	6.6	0.868	99.4	2.7	1.2	0.6
1268	2/27/2014 16:16:12	12.78	45.02	29.10	8.64	8.02	6.7	0.822	97.9	2.2	0.9	0.5
1269	2/27/2014 16:31:13	12.80	45.00	29.08	8.42	8.00	4.9	0.810	95.4	3.1	1.3	0.7
1270	2/27/2014 16:46:12	12.77	44.99	29.07	8.84	8.03	6.1	0.842	100.1	3.1	1.3	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
1271	2/27/2014 17:01:12	12.73	45.09	29.14	8.79	8.02	7.0	0.909	99.5	2.7	1.2	0.6
1272	2/27/2014 17:16:13	12.69	45.06	29.12	8.74	8.02	6.3	0.988	98.8	2.6	1.1	0.6
1273	2/27/2014 17:31:13	12.68	44.78	28.92	8.69	8.01	9.3	1.073	98.1	3.2	1.4	0.8
1274	2/27/2014 17:46:12	12.71	44.48	28.71	8.66	8.00	8.6	1.165	97.7	3.1	1.3	0.7
1275	2/27/2014 18:01:12	12.70	44.47	28.70	8.63	8.00	8.6	1.279	97.4	3.0	1.3	0.7
1276	2/27/2014 18:16:12	12.66	44.50	28.72	8.61	8.00	8.6	1.365	97.0	3.2	1.4	0.7
1277	2/27/2014 18:31:13	12.59	44.89	28.99	8.57	8.00	7.9	1.465	96.6	2.8	1.2	0.7
1278	2/27/2014 18:46:13	12.54	45.10	29.14	8.54	7.99	6.9	1.573	96.3	2.8	1.2	0.7
1279	2/27/2014 19:01:13	12.34	45.52	29.43	8.47	7.98	7.3	1.681	95.2	2.6	1.1	0.6
1280	2/27/2014 19:16:12	12.27	45.73	29.58	8.50	7.98	7.3	1.783	95.5	3.3	1.4	0.8
1281	2/27/2014 19:31:13	12.22	45.92	29.72	8.54	7.99	7.4	1.887	95.9	2.9	1.2	0.7
1282	2/27/2014 19:46:13	12.19	45.92	29.71	8.55	7.99	7.2	1.998	96.0	3.1	1.3	0.7
1283	2/27/2014 20:01:13	12.11	46.10	29.84	8.49	7.98	8.9	2.102	95.3	3.2	1.4	0.8
1284	2/27/2014 20:16:13	12.02	46.29	29.97	8.44	7.98	10.4	2.204	94.6	3.2	1.4	0.7
1285	2/27/2014 20:31:13	11.97	46.32	29.99	8.41	7.98	12.3	2.305	94.1	3.5	1.5	0.8
1286	2/27/2014 20:46:13	11.89	46.54	30.15	8.40	7.97	14.1	2.413	94.0	3.3	1.4	0.8
1287	2/27/2014 21:01:13	11.81	46.80	30.33	8.43	7.97	15.7	2.516	94.3	3.3	1.4	0.8
1288	2/27/2014 21:16:13	11.65	47.23	30.64	8.51	7.98	16.5	2.619	95.1	3.5	1.5	0.8
1289	2/27/2014 21:31:13	11.52	47.64	30.92	8.59	7.98	17.5	2.718	95.8	3.4	1.5	0.8
1290	2/27/2014 21:46:13	11.47	47.78	31.02	8.63	7.99	17.5	2.832	96.2	3.4	1.5	0.8
1291	2/27/2014 22:01:13	11.38	47.97	31.15	8.71	8.01	16.6	2.943	97.0	3.7	1.6	0.9
1292	2/27/2014 22:16:13	11.32	48.22	31.34	8.80	8.03	13.6	3.026	98.0	3.6	1.5	0.9
1293	2/27/2014 22:31:13	11.28	48.31	31.39	8.84	8.04	11.1	3.110	98.5	3.6	1.5	0.8
1294	2/27/2014 22:46:13	11.25	48.43	31.48	8.88	8.04	8.4	3.200	98.8	3.5	1.5	0.8
1295	2/27/2014 23:01:13	11.24	48.50	31.53	8.87	8.05	5.9	3.239	98.7	3.5	1.5	0.8
1296	2/27/2014 23:16:13	11.23	48.52	31.55	8.87	8.06	4.0	3.271	98.7	3.4	1.5	0.8
1297	2/27/2014 23:31:13	11.28	48.37	31.44	8.67	8.03	4.3	3.286	96.5	3.6	1.5	0.8
1298	2/27/2014 23:46:13	11.28	48.37	31.44	8.74	8.04	6.5	3.268	97.3	2.8	1.2	0.7
1299	2/28/2014 0:01:13	11.27	48.38	31.44	8.75	8.04	6.8	3.220	97.4	2.9	1.2	0.7
1300	2/28/2014 0:16:13	11.27	48.34	31.41	8.77	8.04	10.0	3.156	97.6	3.1	1.3	0.7
1301	2/28/2014 0:31:13	11.40	47.73	30.98	8.54	8.00	9.7	3.066	95.1	3.1	1.3	0.7
1302	2/28/2014 0:46:13	11.42	47.58	30.87	8.54	8.00	6.7	2.967	95.0	3.2	1.4	0.8
1303	2/28/2014 1:01:12	11.52	47.23	30.63	8.48	8.00	7.8	2.862	94.4	2.8	1.2	0.6
1304	2/28/2014 1:16:12	11.56	47.21	30.62	8.41	7.99	9.2	2.738	93.7	3.0	1.3	0.7
1305	2/28/2014 1:31:13	11.52	47.21	30.62	8.40	7.98	10.1	2.631	93.6	3.5	1.5	0.8
1306	2/28/2014 1:46:13	11.53	47.22	30.62	8.37	7.98	10.0	2.527	93.2	3.0	1.3	0.7
1307	2/28/2014 2:01:13	11.62	46.95	30.44	8.32	7.97	9.0	2.420	92.7	2.9	1.2	0.7
1308	2/28/2014 2:16:13	11.59	47.08	30.52	8.30	7.98	8.3	2.310	92.4	3.0	1.3	0.7
1309	2/28/2014 2:31:13	11.59	47.05	30.50	8.25	7.97	7.0	2.201	92.0	3.2	1.4	0.8
1310	2/28/2014 2:46:13	11.64	46.87	30.38	8.18	7.96	6.2	2.110	91.2	2.5	1.1	0.6
1311	2/28/2014 3:01:12	11.84	46.36	30.02	8.15	7.96	5.8	2.010	91.0	2.6	1.1	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.43)	Fluorescence %FS
1312	2/28/2014 3:16:13	11.78	46.50	30.12	8.15	7.96	5.6	1.912	90.9	2.1	0.9	0.5
1313	2/28/2014 3:31:13	11.77	46.43	30.07	8.08	7.96	5.4	1.841	90.1	2.7	1.2	0.6
1314	2/28/2014 3:46:13	11.86	46.24	29.93	8.03	7.95	5.2	1.770	89.6	2.7	1.2	0.6
1315	2/28/2014 4:01:13	11.97	45.75	29.59	7.96	7.95	4.7	1.708	88.9	2.4	1.0	0.6
1316	2/28/2014 4:16:13	12.03	45.65	29.51	7.92	7.95	4.3	1.643	88.5	2.7	1.2	0.6
1317	2/28/2014 4:31:13	12.07	45.54	29.44	7.86	7.94	3.5	1.624	87.9	2.3	1.0	0.5
1318	2/28/2014 4:46:13	12.09	45.40	29.34	7.76	7.94	3.1	1.597	86.7	2.4	1.0	0.6
1319	2/28/2014 5:01:13	12.13	45.36	29.31	7.87	7.94	3.2	1.583	88.1	2.2	0.9	0.5
1320	2/28/2014 5:16:13	12.07	45.47	29.39	7.97	7.95	4.3	1.639	89.1	2.5	1.1	0.6
1321	2/28/2014 5:31:13	12.07	45.47	29.39	7.99	7.95	4.8	1.675	89.3	2.5	1.1	0.6
1322	2/28/2014 5:46:13	12.05	45.61	29.49	7.99	7.94	5.3	1.747	89.3	2.5	1.1	0.6
1323	2/28/2014 6:01:13	11.98	45.38	29.32	7.99	7.95	10.1	1.831	89.1	2.8	1.2	0.6
1324	2/28/2014 6:16:13	11.97	45.71	29.56	8.00	7.94	6.8	1.919	89.3	2.6	1.1	0.6
1325	2/28/2014 6:31:13	11.91	45.93	29.71	8.02	7.94	6.6	2.020	89.5	2.6	1.1	0.6
1326	2/28/2014 6:46:13	11.77	46.25	29.94	8.12	7.96	7.3	2.113	90.5	3.0	1.3	0.7
1327	2/28/2014 7:01:13	11.72	46.63	30.21	8.22	7.96	7.5	2.212	91.6	2.6	1.1	0.6
1328	2/28/2014 7:16:13	11.69	46.85	30.36	8.27	7.97	7.9	2.303	92.3	3.0	1.3	0.7
1329	2/28/2014 7:31:13	11.66	46.90	30.40	8.30	7.97	9.4	2.410	92.5	2.2	0.9	0.5
1330	2/28/2014 7:46:13	11.60	47.11	30.55	8.32	7.97	9.8	2.513	92.7	3.0	1.3	0.7
1331	2/28/2014 8:01:13	11.56	47.21	30.62	8.36	7.98	9.8	2.628	93.2	3.0	1.3	0.7
1332	2/28/2014 8:16:13	11.47	47.36	30.72	8.43	7.99	12.5	2.745	93.9	2.6	1.1	0.6
1333	2/28/2014 8:31:13	11.39	47.72	30.97	8.55	8.01	13.5	2.858	95.1	2.7	1.2	0.6
1334	2/28/2014 8:46:13	11.33	47.92	31.12	8.63	8.02	14.8	2.968	96.0	2.8	1.2	0.7
1335	2/28/2014 9:01:13	11.29	47.98	31.16	8.71	8.04	10.9	3.080	96.9	2.7	1.2	0.6
1336	2/28/2014 9:16:13	11.25	48.22	31.33	8.76	8.04	12.1	3.202	97.4	3.0	1.3	0.7
1337	2/28/2014 9:31:13	11.24	48.32	31.40	8.78	8.05	10.4	3.302	97.7	3.1	1.3	0.7
1338	2/28/2014 9:46:13	11.25	48.42	31.47	8.82	8.06	7.3	3.400	98.1	3.1	1.3	0.7
1339	2/28/2014 10:01:13	11.24	48.53	31.55	8.85	8.06	6.7	3.489	98.5	3.3	1.4	0.8
1340	2/28/2014 10:16:13	11.24	48.58	31.59	8.87	8.07	5.1	3.560	98.8	3.1	1.3	0.7
	Mean	11.65	45.45	29.36	8.23	7.92	6.53	2.31	91.21	2.63	1.13	0.62
	Minimum	10.76	41.18	26.33	7.08	7.76	1.70	0.81	78.70	1.00	0.43	0.20
	Maximum	12.80	49.01	31.90	9.22	8.07	25.60	3.61	103.30	4.80	2.06	1.10

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

Chlorophyll/Fluorescence displayed as *in vivo* (non-extractive) readings from YSI 6025 chlorophyll probe

Chlorophyll corrected with ratio derived from extractive analysis; Sample collected at 11:15; value = 0.73

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
0	2/28/2014 11:01:03	11.26	49.03	31.92	9.00	8.07	6.4	4.259	100.5	2.7	1.1	0.6
1	2/28/2014 11:16:03	11.29	48.92	31.84	8.96	8.06	4.9	4.231	100.1	2.2	0.9	0.5
2	2/28/2014 11:31:03	11.37	48.67	31.66	8.99	8.06	6.9	4.201	100.4	1.9	0.8	0.4
3	2/28/2014 11:46:03	11.32	48.91	31.83	9.01	8.07	5.2	4.134	100.7	2.4	1.0	0.6
4	2/28/2014 12:01:03	11.49	48.59	31.61	9.02	8.06	6.5	4.016	101.0	2.5	1.1	0.6
5	2/28/2014 12:16:03	11.55	48.48	31.53	8.98	8.05	6.6	3.905	100.6	2.5	1.1	0.6
6	2/28/2014 12:31:03	11.79	47.77	31.03	8.77	8.02	7.5	3.810	98.4	2.5	1.1	0.6
7	2/28/2014 12:46:03	11.68	47.99	31.18	8.79	8.03	8.9	3.661	98.6	2.5	1.1	0.6
8	2/28/2014 13:01:03	11.67	48.04	31.22	8.81	8.03	8.6	3.538	98.8	2.9	1.2	0.7
9	2/28/2014 13:16:03	11.76	47.88	31.11	8.80	8.03	7.7	3.398	98.8	1.9	0.8	0.4
10	2/28/2014 13:31:03	11.83	47.78	31.04	8.78	8.03	7.2	3.262	98.7	2.1	0.9	0.5
11	2/28/2014 13:46:03	11.90	47.68	30.97	8.74	8.02	6.8	3.130	98.3	2.0	0.8	0.5
12	2/28/2014 14:01:03	11.87	47.85	31.09	8.86	8.04	6.2	2.978	99.7	2.8	1.2	0.7
13	2/28/2014 14:16:03	11.97	47.58	30.90	8.80	8.03	7.4	2.843	99.1	2.5	1.1	0.6
14	2/28/2014 14:31:03	11.97	47.64	30.94	8.91	8.04	8.1	2.694	100.3	2.1	0.9	0.5
15	2/28/2014 14:46:03	12.08	47.31	30.71	8.95	8.03	9.0	2.561	100.9	2.6	1.1	0.6
16	2/28/2014 15:01:03	12.16	47.00	30.49	8.82	8.03	8.9	2.426	99.5	2.9	1.2	0.7
17	2/28/2014 15:16:03	12.18	46.94	30.45	8.97	8.04	8.4	2.271	101.1	2.3	1.0	0.6
18	2/28/2014 15:31:03	12.26	46.75	30.31	9.18	8.04	8.4	2.111	103.6	3.0	1.3	0.7
19	2/28/2014 15:46:03	12.31	46.63	30.23	8.90	8.04	8.6	1.987	100.5	2.6	1.1	0.6
20	2/28/2014 16:01:03	12.36	46.62	30.23	9.00	8.05	7.5	1.858	101.7	2.5	1.1	0.6
21	2/28/2014 16:16:03	12.42	46.49	30.14	9.05	8.04	7.2	1.706	102.3	2.6	1.1	0.6
22	2/28/2014 16:31:03	12.49	46.30	30.00	8.82	8.02	6.1	1.596	99.8	2.3	1.0	0.5
23	2/28/2014 16:46:03	12.56	46.15	29.90	8.74	8.02	5.1	1.522	99.1	2.7	1.1	0.6
24	2/28/2014 17:01:03	12.64	46.02	29.81	8.72	8.02	5.2	1.439	98.9	2.4	1.0	0.6
25	2/28/2014 17:16:03	12.68	45.92	29.73	8.62	8.02	4.2	1.417	97.8	2.4	1.0	0.6
26	2/28/2014 17:31:03	12.65	45.99	29.79	8.74	8.02	4.5	1.441	99.1	3.1	1.3	0.7
27	2/28/2014 17:46:03	12.60	46.03	29.81	8.71	8.01	4.3	1.490	98.7	2.6	1.1	0.6
28	2/28/2014 18:01:03	12.57	46.07	29.84	8.69	8.01	4.9	1.572	98.5	2.7	1.1	0.6
29	2/28/2014 18:16:03	12.60	45.78	29.63	8.72	8.01	6.7	1.679	98.7	2.6	1.1	0.6
30	2/28/2014 18:31:03	12.63	45.48	29.42	8.72	8.01	7.6	1.796	98.6	2.5	1.1	0.6
31	2/28/2014 18:46:03	12.66	45.23	29.24	8.75	8.01	8.0	1.910	98.9	2.5	1.1	0.6
32	2/28/2014 19:01:03	12.57	45.73	29.59	8.73	8.01	6.9	2.028	98.7	3.2	1.3	0.7
33	2/28/2014 19:16:03	12.50	46.04	29.82	8.69	8.01	6.4	2.150	98.2	3.0	1.3	0.7
34	2/28/2014 19:31:03	12.37	46.43	30.09	8.68	8.01	6.8	2.261	98.1	2.5	1.1	0.6
35	2/28/2014 19:46:03	12.31	46.55	30.18	8.71	8.01	6.8	2.371	98.3	2.5	1.1	0.6
36	2/28/2014 20:01:03	12.21	46.74	30.31	8.74	8.01	6.8	2.489	98.6	2.5	1.1	0.6
37	2/28/2014 20:16:03	12.18	46.75	30.31	8.72	8.01	7.5	2.601	98.2	3.1	1.3	0.7
38	2/28/2014 20:31:03	12.15	46.86	30.39	8.70	8.01	8.3	2.707	98.0	2.6	1.1	0.6
39	2/28/2014 20:46:03	12.09	47.00	30.49	8.68	8.01	8.8	2.823	97.8	2.7	1.1	0.6
40	2/28/2014 21:01:03	12.04	47.11	30.57	8.67	8.01	10.4	2.939	97.6	2.9	1.2	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
41	2/28/2014 21:16:03	11.97	47.28	30.69	8.71	8.02	12.6	3.051	98.0	3.0	1.3	0.7
42	2/28/2014 21:31:03	11.86	47.63	30.93	8.78	8.03	15.5	3.169	98.7	3.1	1.3	0.7
43	2/28/2014 21:46:03	11.75	48.01	31.21	8.86	8.05	13.5	3.295	99.5	3.6	1.5	0.9
44	2/28/2014 22:01:03	11.68	48.25	31.37	8.91	8.06	14.5	3.409	100.1	3.3	1.4	0.8
45	2/28/2014 22:16:03	11.61	48.46	31.52	8.97	8.07	13.6	3.536	100.6	3.9	1.6	0.9
46	2/28/2014 22:31:04	11.49	48.84	31.79	9.05	8.09	12.6	3.651	101.4	3.8	1.6	0.9
47	2/28/2014 22:46:03	11.38	49.13	31.99	9.08	8.10	10.8	3.747	101.7	3.8	1.6	0.9
48	2/28/2014 23:01:04	11.31	49.32	32.13	9.08	8.11	8.7	3.844	101.6	3.7	1.6	0.9
49	2/28/2014 23:16:03	11.24	49.48	32.24	9.08	8.11	5.7	3.922	101.5	3.5	1.5	0.8
50	2/28/2014 23:31:04	11.21	49.56	32.30	9.06	8.11	4.9	3.987	101.3	3.5	1.5	0.8
51	2/28/2014 23:46:04	11.18	49.60	32.32	9.02	8.12	3.1	4.015	100.8	2.8	1.2	0.7
52	3/1/2014 0:01:03	11.18	49.60	32.32	8.95	8.11	2.3	4.038	100.0	4.0	1.7	0.9
53	3/1/2014 0:16:03	11.24	49.48	32.24	8.91	8.10	4.4	4.038	99.6	3.3	1.4	0.8
54	3/1/2014 0:31:03	11.23	49.50	32.25	8.95	8.10	4.6	3.991	100.1	2.7	1.1	0.6
55	3/1/2014 0:46:03	11.35	49.05	31.94	8.95	8.09	8.4	3.922	100.1	3.2	1.3	0.8
56	3/1/2014 1:01:03	11.37	48.96	31.87	8.94	8.09	6.6	3.835	100.0	3.8	1.6	0.9
57	3/1/2014 1:16:03	11.45	48.59	31.60	8.87	8.07	5.7	3.725	99.2	3.3	1.4	0.8
58	3/1/2014 1:31:03	11.51	48.45	31.51	8.80	8.07	5.7	3.617	98.5	2.8	1.2	0.7
59	3/1/2014 1:46:03	11.67	48.02	31.21	8.70	8.05	13.3	3.499	97.6	3.0	1.3	0.7
60	3/1/2014 2:01:03	11.65	47.90	31.12	8.70	8.04	10.0	3.370	97.4	2.9	1.2	0.7
61	3/1/2014 2:16:03	11.68	47.82	31.06	8.66	8.04	10.8	3.250	97.0	2.8	1.2	0.7
62	3/1/2014 2:31:03	11.70	47.71	30.98	8.59	8.03	9.7	3.136	96.3	3.0	1.3	0.7
63	3/1/2014 2:46:03	11.72	47.61	30.91	8.52	8.02	9.9	3.017	95.5	2.8	1.2	0.7
64	3/1/2014 3:01:03	11.72	47.55	30.87	8.51	8.02	7.1	2.893	95.3	3.1	1.3	0.7
65	3/1/2014 3:16:03	11.72	47.41	30.77	8.49	8.02	8.4	2.792	95.0	3.0	1.3	0.7
66	3/1/2014 3:31:03	11.61	47.73	30.99	8.49	8.02	6.8	2.681	94.9	2.5	1.1	0.6
67	3/1/2014 3:46:03	11.73	47.26	30.66	8.36	8.01	6.1	2.572	93.6	2.3	1.0	0.5
68	3/1/2014 4:01:03	11.78	47.04	30.50	8.26	7.99	6.5	2.456	92.4	2.2	0.9	0.5
69	3/1/2014 4:16:03	11.75	46.96	30.45	8.20	7.99	6.5	2.357	91.7	2.0	0.8	0.5
70	3/1/2014 4:31:03	11.77	46.82	30.35	8.17	7.98	6.4	2.259	91.3	2.1	0.9	0.5
71	3/1/2014 4:46:03	11.91	46.48	30.11	8.11	7.97	6.4	2.177	90.8	2.3	1.0	0.6
72	3/1/2014 5:01:03	11.81	46.56	30.16	8.09	7.97	6.0	2.105	90.4	2.3	1.0	0.5
73	3/1/2014 5:16:03	11.92	46.32	29.99	8.07	7.97	5.0	2.051	90.2	2.3	1.0	0.5
74	3/1/2014 5:31:03	11.99	46.17	29.89	8.03	7.97	5.1	2.021	89.8	2.1	0.9	0.5
75	3/1/2014 5:46:03	12.06	46.03	29.79	7.92	7.96	3.4	2.016	88.8	2.1	0.9	0.5
76	3/1/2014 6:01:03	12.01	46.09	29.83	8.10	7.97	4.0	2.036	90.7	2.0	0.8	0.5
77	3/1/2014 6:16:04	12.05	46.09	29.84	8.09	7.96	4.5	2.085	90.6	1.8	0.8	0.4
78	3/1/2014 6:31:04	12.06	46.08	29.83	8.04	7.96	5.3	2.171	90.1	2.3	1.0	0.5
79	3/1/2014 6:46:03	11.99	45.93	29.72	8.06	7.96	9.0	2.265	90.1	2.4	1.0	0.6
80	3/1/2014 7:01:03	12.02	45.99	29.76	8.08	7.96	7.7	2.370	90.5	2.0	0.8	0.5
81	3/1/2014 7:16:03	11.99	46.21	29.92	8.11	7.96	7.0	2.490	90.8	2.3	1.0	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
82	3/1/2014 7:31:03	11.96	46.48	30.11	8.15	7.97	6.7	2.597	91.3	2.5	1.1	0.6
83	3/1/2014 7:46:03	11.86	46.86	30.38	8.29	7.99	6.5	2.708	92.8	2.2	0.9	0.5
84	3/1/2014 8:01:04	11.83	47.12	30.56	8.39	8.00	6.4	2.810	94.0	2.1	0.9	0.5
85	3/1/2014 8:16:04	11.82	47.19	30.61	8.40	8.00	6.7	2.915	94.1	2.3	1.0	0.5
86	3/1/2014 8:31:03	11.80	47.28	30.68	8.42	8.01	7.9	3.022	94.3	2.2	0.9	0.5
87	3/1/2014 8:46:03	11.75	47.47	30.81	8.49	8.01	9.5	3.120	95.1	2.0	0.8	0.5
88	3/1/2014 9:01:04	11.73	47.57	30.89	8.51	8.02	10.2	3.236	95.3	1.9	0.8	0.4
89	3/1/2014 9:16:04	11.61	47.84	31.08	8.55	8.03	11.5	3.348	95.7	2.5	1.1	0.6
90	3/1/2014 9:31:04	11.54	48.01	31.19	8.59	8.04	11.7	3.465	96.0	2.5	1.1	0.6
91	3/1/2014 9:46:03	11.43	48.36	31.44	8.69	8.06	12.5	3.586	97.1	2.7	1.1	0.6
92	3/1/2014 10:01:03	11.34	48.58	31.60	8.77	8.07	10.3	3.702	97.9	2.7	1.1	0.6
93	3/1/2014 10:16:04	11.28	48.77	31.73	8.81	8.08	9.5	3.824	98.3	2.5	1.1	0.6
94	3/1/2014 10:31:04	11.23	48.96	31.87	8.84	8.09	8.4	3.921	98.6	2.5	1.1	0.6
95	3/1/2014 10:46:04	11.21	49.05	31.93	8.86	8.09	7.8	4.022	98.8	2.4	1.0	0.6
96	3/1/2014 11:01:04	11.20	49.11	31.97	8.88	8.10	5.7	4.101	99.0	2.6	1.1	0.6
97	3/1/2014 11:16:04	11.18	49.17	32.01	8.88	8.10	4.7	4.174	99.1	3.1	1.3	0.7
98	3/1/2014 11:31:04	11.17	49.22	32.05	8.90	8.10	4.7	4.223	99.2	3.1	1.3	0.7
99	3/1/2014 11:46:03	11.17	49.25	32.07	8.88	8.10	2.6	4.244	99.0	2.5	1.1	0.6
100	3/1/2014 12:01:04	11.28	49.06	31.94	8.88	8.10	4.0	4.251	99.2	2.7	1.1	0.6
101	3/1/2014 12:16:04	11.44	48.89	31.83	8.86	8.09	5.0	4.222	99.3	2.8	1.2	0.7
102	3/1/2014 12:31:04	11.33	49.11	31.98	8.90	8.10	4.5	4.161	99.5	2.0	0.8	0.5
103	3/1/2014 12:46:04	11.66	48.89	31.84	9.11	8.11	6.5	4.067	102.5	2.4	1.0	0.6
104	3/1/2014 13:01:03	11.79	48.81	31.79	8.99	8.10	5.4	3.960	101.4	2.8	1.2	0.7
105	3/1/2014 13:16:04	11.86	48.59	31.62	8.94	8.09	5.6	3.831	100.9	2.0	0.8	0.5
106	3/1/2014 13:31:03	11.87	48.45	31.53	8.90	8.08	4.8	3.718	100.5	2.4	1.0	0.6
107	3/1/2014 13:46:04	12.13	47.94	31.17	8.80	8.06	9.8	3.588	99.6	2.5	1.1	0.6
108	3/1/2014 14:01:04	12.35	47.87	31.12	8.78	8.05	6.9	3.452	99.8	2.3	1.0	0.5
109	3/1/2014 14:16:03	12.45	47.69	31.00	8.71	8.04	7.2	3.325	99.2	2.0	0.8	0.5
110	3/1/2014 14:31:03	12.47	47.45	30.83	8.73	8.04	7.3	3.191	99.3	1.7	0.7	0.4
111	3/1/2014 14:46:03	12.26	47.84	31.10	8.94	8.06	5.6	3.047	101.4	2.1	0.9	0.5
112	3/1/2014 15:01:03	12.50	47.43	30.82	8.86	8.05	6.4	2.908	100.9	1.8	0.8	0.4
113	3/1/2014 15:16:03	12.60	47.48	30.86	8.99	8.06	6.9	2.774	102.5	2.0	0.8	0.5
114	3/1/2014 15:31:03	12.71	47.20	30.66	9.09	8.06	6.3	2.625	103.8	2.0	0.8	0.5
115	3/1/2014 15:46:03	12.69	46.95	30.48	9.03	8.05	5.9	2.490	103.0	2.4	1.0	0.6
116	3/1/2014 16:01:03	12.75	46.76	30.34	9.15	8.05	7.1	2.334	104.4	2.3	1.0	0.6
117	3/1/2014 16:16:03	12.98	46.94	30.48	9.40	8.11	7.1	2.195	107.9	2.3	1.0	0.5
118	3/1/2014 16:31:03	12.98	46.69	30.30	9.43	8.09	6.4	2.057	108.0	2.2	0.9	0.5
119	3/1/2014 16:46:03	13.02	46.54	30.19	9.39	8.08	5.8	1.917	107.6	1.9	0.8	0.4
120	3/1/2014 17:01:03	13.05	46.50	30.17	9.37	8.08	5.7	1.785	107.4	2.3	1.0	0.5
121	3/1/2014 17:16:03	13.02	46.25	29.99	9.28	8.06	4.7	1.679	106.3	2.5	1.1	0.6
122	3/1/2014 17:31:03	13.05	46.21	29.96	9.22	8.06	4.5	1.598	105.6	1.7	0.7	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
123	3/1/2014 17:46:04	13.10	46.06	29.85	9.17	8.05	4.3	1.539	105.0	2.2	0.9	0.5
124	3/1/2014 18:01:03	13.15	45.93	29.76	8.97	8.05	3.4	1.521	102.8	2.4	1.0	0.6
125	3/1/2014 18:16:03	13.13	45.94	29.77	9.20	8.05	3.7	1.542	105.3	2.8	1.2	0.7
126	3/1/2014 18:31:03	13.10	45.97	29.79	9.23	8.05	3.6	1.606	105.7	2.5	1.1	0.6
127	3/1/2014 18:46:03	13.06	45.95	29.77	9.18	8.05	4.2	1.685	105.1	2.1	0.9	0.5
128	3/1/2014 19:01:03	13.05	45.72	29.60	9.14	8.04	6.3	1.794	104.4	2.6	1.1	0.6
129	3/1/2014 19:16:03	13.14	45.19	29.23	9.09	8.03	7.2	1.912	103.8	2.8	1.2	0.7
130	3/1/2014 19:31:03	13.11	45.31	29.32	9.05	8.02	6.8	2.029	103.3	2.6	1.1	0.6
131	3/1/2014 19:46:03	13.05	45.78	29.64	9.03	8.03	6.7	2.150	103.2	2.6	1.1	0.6
132	3/1/2014 20:01:03	12.92	46.19	29.94	9.00	8.03	6.3	2.269	102.7	2.7	1.1	0.6
133	3/1/2014 20:16:03	12.73	46.59	30.22	8.90	8.03	5.7	2.385	101.4	2.5	1.1	0.6
134	3/1/2014 20:31:03	12.59	46.81	30.37	8.91	8.03	6.0	2.493	101.3	3.0	1.3	0.7
135	3/1/2014 20:46:03	12.55	46.89	30.43	8.93	8.03	6.1	2.617	101.5	3.0	1.3	0.7
136	3/1/2014 21:01:03	12.50	47.00	30.51	8.90	8.03	7.0	2.729	101.1	2.9	1.2	0.7
137	3/1/2014 21:16:03	12.45	47.10	30.58	8.86	8.03	6.8	2.834	100.6	3.0	1.3	0.7
138	3/1/2014 21:31:03	12.42	47.22	30.66	8.84	8.03	8.3	2.950	100.3	2.9	1.2	0.7
139	3/1/2014 21:46:03	12.37	47.32	30.73	8.82	8.03	12.6	3.065	100.1	2.9	1.2	0.7
140	3/1/2014 22:01:03	12.30	47.48	30.84	8.86	8.04	12.4	3.182	100.4	3.2	1.3	0.8
141	3/1/2014 22:16:03	12.12	47.93	31.16	8.93	8.06	13.3	3.303	101.0	3.1	1.3	0.7
142	3/1/2014 22:31:03	11.97	48.25	31.39	8.98	8.07	12.8	3.427	101.4	3.3	1.4	0.8
143	3/1/2014 22:46:03	11.93	48.39	31.49	9.00	8.08	13.7	3.556	101.6	3.2	1.3	0.7
144	3/1/2014 23:01:03	11.75	48.69	31.69	9.04	8.09	13.3	3.673	101.8	2.9	1.2	0.7
145	3/1/2014 23:16:04	11.62	48.87	31.82	9.06	8.09	12.9	3.790	101.8	3.7	1.6	0.9
146	3/1/2014 23:31:04	11.48	49.09	31.97	9.02	8.10	10.2	3.899	101.2	3.3	1.4	0.8
147	3/1/2014 23:46:04	11.33	49.32	32.13	8.98	8.10	9.0	3.992	100.6	2.9	1.2	0.7
148	3/2/2014 0:01:04	11.26	49.40	32.18	8.98	8.10	6.5	4.068	100.4	3.5	1.5	0.8
149	3/2/2014 0:16:04	11.24	49.41	32.19	8.93	8.10	4.9	4.123	99.9	2.8	1.2	0.7
150	3/2/2014 0:31:04	11.22	49.39	32.17	8.90	8.10	4.5	4.168	99.4	3.5	1.5	0.8
151	3/2/2014 0:46:04	11.24	49.35	32.14	8.77	8.09	2.8	4.171	98.0	3.6	1.5	0.8
152	3/2/2014 1:01:04	11.35	49.24	32.07	8.80	8.09	6.2	4.158	98.5	2.5	1.1	0.6
153	3/2/2014 1:16:04	11.27	49.34	32.14	8.81	8.09	4.6	4.114	98.5	3.1	1.3	0.7
154	3/2/2014 1:31:04	11.35	49.22	32.06	8.82	8.09	6.2	4.022	98.7	3.0	1.3	0.7
155	3/2/2014 1:46:03	11.67	48.66	31.67	8.85	8.08	6.7	3.930	99.6	2.9	1.2	0.7
156	3/2/2014 2:01:03	11.79	48.45	31.52	8.82	8.07	6.0	3.804	99.4	3.0	1.3	0.7
157	3/2/2014 2:16:03	11.96	48.08	31.26	8.76	8.06	13.7	3.686	98.9	3.5	1.5	0.8
158	3/2/2014 2:31:03	11.92	48.22	31.37	8.81	8.06	13.1	3.548	99.4	3.2	1.3	0.8
159	3/2/2014 2:46:04	11.98	48.09	31.27	8.75	8.06	12.5	3.429	98.7	3.1	1.3	0.7
160	3/2/2014 3:01:03	12.06	47.94	31.17	8.67	8.05	12.2	3.312	98.0	2.8	1.2	0.7
161	3/2/2014 3:16:04	12.08	47.84	31.10	8.65	8.04	10.6	3.175	97.7	2.9	1.2	0.7
162	3/2/2014 3:31:03	12.12	47.66	30.96	8.59	8.04	9.9	3.049	97.1	2.8	1.2	0.7
163	3/2/2014 3:46:04	12.11	47.71	31.00	8.58	8.04	8.8	2.930	96.9	3.1	1.3	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
164	3/2/2014 4:01:03	12.10	47.74	31.02	8.56	8.04	6.8	2.800	96.7	2.3	1.0	0.6
165	3/2/2014 4:16:03	12.35	47.11	30.58	8.45	8.01	7.7	2.679	95.8	2.4	1.0	0.6
166	3/2/2014 4:31:03	12.47	46.82	30.37	8.40	8.00	9.0	2.564	95.3	2.6	1.1	0.6
167	3/2/2014 4:46:04	12.41	46.98	30.48	8.34	8.00	7.4	2.432	94.6	2.4	1.0	0.6
168	3/2/2014 5:01:04	12.54	46.70	30.29	8.29	8.00	9.0	2.318	94.1	2.4	1.0	0.6
169	3/2/2014 5:16:04	12.46	46.84	30.39	8.24	7.99	8.5	2.217	93.5	2.5	1.1	0.6
170	3/2/2014 5:31:04	12.54	46.65	30.25	8.23	7.99	7.3	2.106	93.4	1.9	0.8	0.4
171	3/2/2014 5:46:03	12.63	46.43	30.10	8.22	7.98	7.2	2.021	93.4	1.8	0.8	0.4
172	3/2/2014 6:01:03	12.66	46.36	30.05	8.21	7.98	6.1	1.956	93.3	2.6	1.1	0.6
173	3/2/2014 6:16:04	12.72	46.23	29.96	8.18	7.97	5.0	1.905	93.1	2.4	1.0	0.6
174	3/2/2014 6:31:04	12.78	46.12	29.88	7.99	7.97	4.4	1.905	90.9	2.3	1.0	0.5
175	3/2/2014 6:46:03	12.75	46.16	29.91	8.22	7.98	4.5	1.915	93.5	1.9	0.8	0.5
176	3/2/2014 7:01:03	12.74	46.17	29.92	8.28	7.98	4.5	1.968	94.2	1.6	0.7	0.4
177	3/2/2014 7:16:03	12.74	46.16	29.91	8.33	7.98	4.5	2.041	94.7	1.8	0.8	0.4
178	3/2/2014 7:31:03	12.71	46.11	29.87	8.31	7.98	5.4	2.132	94.4	2.0	0.8	0.5
179	3/2/2014 7:46:03	12.65	45.90	29.72	8.23	7.96	8.9	2.247	93.3	2.3	1.0	0.5
180	3/2/2014 8:01:04	12.64	46.17	29.91	8.24	7.97	7.0	2.367	93.5	2.1	0.9	0.5
181	3/2/2014 8:16:04	12.61	46.33	30.03	8.22	7.98	6.0	2.476	93.2	2.3	1.0	0.5
182	3/2/2014 8:31:04	12.47	46.76	30.33	8.29	7.99	6.0	2.583	94.0	2.2	0.9	0.5
183	3/2/2014 8:46:04	12.42	46.95	30.47	8.37	8.00	5.7	2.696	94.9	2.2	0.9	0.5
184	3/2/2014 9:01:04	12.37	47.18	30.63	8.49	8.02	6.1	2.797	96.2	2.7	1.1	0.6
185	3/2/2014 9:16:04	12.36	47.22	30.66	8.54	8.02	6.2	2.897	96.8	2.3	1.0	0.5
186	3/2/2014 9:31:03	12.31	47.30	30.71	8.54	8.02	7.6	3.003	96.8	2.1	0.9	0.5
187	3/2/2014 9:46:03	12.24	47.43	30.80	8.60	8.03	7.8	3.102	97.3	2.2	0.9	0.5
188	3/2/2014 10:01:03	12.19	47.56	30.90	8.61	8.03	9.7	3.216	97.4	2.4	1.0	0.6
189	3/2/2014 10:16:03	12.05	47.73	31.01	8.65	8.04	11.0	3.326	97.7	3.1	1.3	0.7
190	3/2/2014 10:31:04	11.95	47.94	31.16	8.67	8.04	12.5	3.437	97.8	2.8	1.2	0.7
191	3/2/2014 10:46:03	11.80	48.18	31.33	8.71	8.05	12.0	3.556	98.0	2.8	1.2	0.7
192	3/2/2014 11:01:04	11.68	48.37	31.46	8.75	8.06	12.1	3.675	98.3	2.8	1.2	0.7
193	3/2/2014 11:16:04	11.60	48.45	31.51	8.75	8.06	11.4	3.787	98.1	2.5	1.1	0.6
194	3/2/2014 11:31:04	11.53	48.59	31.61	8.76	8.07	10.6	3.898	98.1	2.3	1.0	0.5
195	3/2/2014 11:46:04	11.49	48.62	31.63	8.78	8.07	9.7	3.989	98.4	2.3	1.0	0.5
196	3/2/2014 12:01:04	11.46	48.68	31.67	8.79	8.08	7.4	4.060	98.4	2.7	1.1	0.7
197	3/2/2014 12:16:04	11.37	48.77	31.73	8.81	8.08	6.8	4.133	98.5	2.5	1.1	0.6
198	3/2/2014 12:31:04	11.37	48.82	31.77	8.80	8.08	5.1	4.169	98.4	2.3	1.0	0.5
199	3/2/2014 12:46:04	11.34	48.86	31.80	8.72	8.08	4.6	4.183	97.5	2.0	0.8	0.5
200	3/2/2014 13:01:04	11.50	48.65	31.65	8.75	8.08	5.1	4.182	98.0	2.3	1.0	0.5
201	3/2/2014 13:16:04	11.55	48.64	31.65	8.69	8.07	5.8	4.145	97.5	2.3	1.0	0.5
202	3/2/2014 13:31:04	11.46	48.74	31.72	8.75	8.08	6.2	4.071	98.0	2.5	1.1	0.6
203	3/2/2014 13:46:04	11.96	48.28	31.40	8.82	8.07	8.7	3.980	99.6	2.9	1.2	0.7
204	3/2/2014 14:01:04	11.97	48.28	31.41	8.81	8.07	8.1	3.869	99.6	2.7	1.1	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
205	3/2/2014 14:16:03	12.08	48.03	31.23	8.78	8.06	6.4	3.734	99.3	2.7	1.1	0.6
206	3/2/2014 14:31:04	11.99	48.13	31.30	8.80	8.06	10.0	3.615	99.4	3.3	1.4	0.8
207	3/2/2014 14:46:03	12.02	48.07	31.26	8.76	8.06	8.7	3.477	99.0	2.9	1.2	0.7
208	3/2/2014 15:01:03	12.14	47.94	31.17	8.77	8.06	7.5	3.359	99.2	3.0	1.3	0.7
209	3/2/2014 15:16:04	12.35	47.77	31.05	8.75	8.05	7.9	3.224	99.4	2.9	1.2	0.7
210	3/2/2014 15:31:03	12.31	47.85	31.11	8.80	8.06	6.8	3.087	99.9	3.1	1.3	0.7
211	3/2/2014 15:46:04	12.35	47.75	31.04	8.85	8.06	5.8	2.959	100.6	2.5	1.1	0.6
212	3/2/2014 16:01:03	12.63	47.21	30.66	8.73	8.04	6.8	2.835	99.6	2.2	0.9	0.5
213	3/2/2014 16:16:03	12.66	47.13	30.61	8.75	8.04	6.7	2.683	99.8	2.8	1.2	0.7
214	3/2/2014 16:31:04	12.61	47.25	30.69	8.87	8.06	6.4	2.557	101.1	2.7	1.1	0.6
215	3/2/2014 16:46:04	12.78	46.90	30.45	8.81	8.04	6.2	2.431	100.6	2.3	1.0	0.6
216	3/2/2014 17:01:04	12.80	46.92	30.46	9.12	8.07	6.1	2.284	104.2	2.2	0.9	0.5
217	3/2/2014 17:16:03	12.93	46.62	30.25	8.88	8.05	6.1	2.153	101.6	2.5	1.1	0.6
218	3/2/2014 17:31:03	12.99	46.60	30.24	8.91	8.05	5.7	2.040	102.1	2.8	1.2	0.7
219	3/2/2014 17:46:03	13.07	46.44	30.12	8.77	8.04	5.2	1.918	100.5	2.3	1.0	0.5
220	3/2/2014 18:01:03	13.12	46.28	30.01	8.64	8.02	4.8	1.817	99.2	2.7	1.1	0.6
221	3/2/2014 18:16:03	13.19	46.18	29.94	8.55	8.01	4.1	1.746	98.1	2.7	1.1	0.6
222	3/2/2014 18:31:03	13.24	46.08	29.87	8.45	8.00	4.0	1.718	97.0	3.5	1.5	0.8
223	3/2/2014 18:46:03	13.19	46.15	29.92	8.51	8.00	4.0	1.712	97.7	3.0	1.3	0.7
224	3/2/2014 19:01:03	13.21	46.08	29.87	8.50	8.00	3.6	1.709	97.6	2.4	1.0	0.6
225	3/2/2014 19:16:03	13.18	46.14	29.91	8.52	7.99	3.7	1.797	97.8	2.4	1.0	0.6
226	3/2/2014 19:31:03	13.16	46.12	29.89	8.59	8.00	4.3	1.882	98.6	2.8	1.2	0.7
227	3/2/2014 19:46:03	13.20	45.68	29.58	8.68	8.00	10.2	1.980	99.5	3.1	1.3	0.7
228	3/2/2014 20:01:04	13.24	45.39	29.37	8.68	7.99	8.3	2.088	99.4	3.1	1.3	0.7
229	3/2/2014 20:16:03	13.16	45.83	29.69	8.65	8.00	7.2	2.205	99.1	2.8	1.2	0.7
230	3/2/2014 20:31:03	13.11	46.06	29.85	8.65	8.00	6.2	2.325	99.1	3.0	1.3	0.7
231	3/2/2014 20:46:03	12.97	46.35	30.06	8.65	8.01	6.2	2.422	98.9	2.9	1.2	0.7
232	3/2/2014 21:01:03	12.83	46.72	30.32	8.72	8.02	5.4	2.543	99.6	2.9	1.2	0.7
233	3/2/2014 21:16:04	12.74	46.90	30.44	8.75	8.03	5.5	2.652	99.8	2.6	1.1	0.6
234	3/2/2014 21:31:03	12.70	47.02	30.53	8.75	8.03	5.7	2.776	99.8	2.8	1.2	0.7
235	3/2/2014 21:46:04	12.64	47.16	30.62	8.77	8.03	6.8	2.885	99.9	3.3	1.4	0.8
236	3/2/2014 22:01:04	12.56	47.30	30.72	8.73	8.04	7.8	2.984	99.5	3.3	1.4	0.8
237	3/2/2014 22:16:04	12.51	47.37	30.77	8.70	8.04	8.6	3.106	99.0	2.8	1.2	0.7
238	3/2/2014 22:31:04	12.38	47.51	30.87	8.71	8.04	10.9	3.218	99.0	2.8	1.2	0.7
239	3/2/2014 22:46:04	12.25	47.69	30.99	8.74	8.05	13.0	3.335	99.0	3.2	1.3	0.8
240	3/2/2014 23:01:04	12.07	47.93	31.16	8.77	8.05	11.5	3.452	99.1	3.2	1.3	0.8
241	3/2/2014 23:16:04	11.92	48.12	31.29	8.80	8.06	12.3	3.574	99.2	3.6	1.5	0.8
242	3/2/2014 23:31:04	11.79	48.30	31.42	8.82	8.07	12.6	3.703	99.3	3.5	1.5	0.8
243	3/2/2014 23:46:04	11.67	48.48	31.54	8.87	8.08	11.8	3.813	99.7	3.5	1.5	0.8
244	3/3/2014 0:01:03	11.53	48.69	31.69	8.94	8.09	10.8	3.915	100.2	3.9	1.6	0.9
245	3/3/2014 0:16:03	11.46	48.81	31.76	9.01	8.10	9.4	4.013	101.0	3.0	1.3	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
246	3/3/2014 0:31:04	11.40	48.68	31.67	9.07	8.10	6.8	4.101	101.4	3.5	1.5	0.8
247	3/3/2014 0:46:04	11.37	48.55	31.57	9.07	8.11	6.7	4.167	101.2	3.4	1.4	0.8
248	3/3/2014 1:01:04	11.41	48.34	31.42	9.00	8.10	5.4	4.212	100.5	3.2	1.3	0.8
249	3/3/2014 1:16:04	11.59	48.11	31.27	8.86	8.09	4.4	4.241	99.2	3.2	1.3	0.8
250	3/3/2014 1:31:03	11.70	48.06	31.23	8.72	8.07	4.9	4.247	97.8	3.4	1.4	0.8
251	3/3/2014 1:46:04	11.87	48.17	31.32	8.63	8.05	4.5	4.199	97.2	3.1	1.3	0.7
252	3/3/2014 2:01:04	11.78	48.32	31.43	8.70	8.06	7.7	4.138	97.9	3.0	1.3	0.7
253	3/3/2014 2:16:04	11.80	48.30	31.41	8.71	8.06	7.8	4.054	98.0	3.1	1.3	0.7
254	3/3/2014 2:31:04	11.68	48.49	31.54	8.79	8.07	7.6	3.934	98.8	2.7	1.1	0.6
255	3/3/2014 2:46:03	11.83	48.24	31.37	8.69	8.06	7.9	3.823	97.8	2.9	1.2	0.7
256	3/3/2014 3:01:03	11.83	48.20	31.34	8.70	8.06	9.8	3.690	98.0	2.1	0.9	0.5
257	3/3/2014 3:16:03	11.84	48.20	31.35	8.77	8.06	13.7	3.581	98.8	2.8	1.2	0.7
258	3/3/2014 3:31:04	11.76	48.31	31.42	8.81	8.07	10.2	3.458	99.1	2.7	1.1	0.6
259	3/3/2014 3:46:04	11.88	48.10	31.27	8.66	8.06	10.3	3.326	97.5	2.6	1.1	0.6
260	3/3/2014 4:01:03	11.87	48.14	31.30	8.66	8.05	12.2	3.204	97.6	2.3	1.0	0.5
261	3/3/2014 4:16:04	12.07	47.83	31.09	8.58	8.04	12.0	3.059	96.9	2.7	1.1	0.6
262	3/3/2014 4:31:04	12.05	47.87	31.12	8.55	8.04	13.1	2.945	96.6	2.8	1.2	0.7
263	3/3/2014 4:46:04	11.95	48.01	31.21	8.57	8.05	12.1	2.809	96.7	2.6	1.1	0.6
264	3/3/2014 5:01:04	12.17	47.64	30.95	8.46	8.03	10.4	2.688	95.7	2.2	0.9	0.5
265	3/3/2014 5:16:04	12.17	47.54	30.88	8.44	8.02	11.9	2.567	95.4	3.1	1.3	0.7
266	3/3/2014 5:31:04	12.35	47.15	30.61	8.35	8.01	11.4	2.441	94.6	2.9	1.2	0.7
267	3/3/2014 5:46:04	12.41	46.93	30.45	8.32	8.00	12.0	2.341	94.3	2.9	1.2	0.7
268	3/3/2014 6:01:04	12.49	46.72	30.30	8.27	7.99	11.9	2.211	93.8	2.8	1.2	0.7
269	3/3/2014 6:16:04	12.51	46.59	30.21	8.23	7.98	11.5	2.107	93.4	3.1	1.3	0.7
270	3/3/2014 6:31:04	12.65	46.32	30.02	8.20	7.98	9.7	2.038	93.2	3.1	1.3	0.7
271	3/3/2014 6:46:04	12.67	46.12	29.88	8.15	7.96	10.3	1.948	92.6	2.6	1.1	0.6
272	3/3/2014 7:01:04	12.73	45.96	29.77	8.12	7.96	8.5	1.901	92.3	2.1	0.9	0.5
273	3/3/2014 7:16:04	12.73	45.92	29.74	7.91	7.95	7.0	1.902	89.9	2.6	1.1	0.6
274	3/3/2014 7:31:04	12.74	45.99	29.78	8.12	7.96	7.3	1.909	92.3	2.1	0.9	0.5
275	3/3/2014 7:46:03	12.75	46.02	29.81	8.15	7.96	6.0	1.945	92.7	2.1	0.9	0.5
276	3/3/2014 8:01:04	12.77	45.96	29.77	8.14	7.95	7.6	2.012	92.6	1.9	0.8	0.5
277	3/3/2014 8:16:03	12.76	46.01	29.80	8.11	7.95	7.9	2.114	92.2	2.1	0.9	0.5
278	3/3/2014 8:31:03	12.69	45.51	29.44	8.20	7.95	10.8	2.217	92.9	2.4	1.0	0.6
279	3/3/2014 8:46:03	12.69	45.86	29.69	8.22	7.96	9.4	2.328	93.2	2.3	1.0	0.5
280	3/3/2014 9:01:04	12.68	46.12	29.88	8.19	7.96	8.3	2.447	93.0	2.0	0.8	0.5
281	3/3/2014 9:16:04	12.58	46.44	30.11	8.22	7.98	7.9	2.540	93.3	2.4	1.0	0.6
282	3/3/2014 9:31:04	12.46	46.83	30.38	8.31	7.99	7.0	2.648	94.2	2.3	1.0	0.5
283	3/3/2014 9:46:04	12.45	46.93	30.45	8.37	8.00	7.1	2.742	95.0	2.1	0.9	0.5
284	3/3/2014 10:01:04	12.48	47.00	30.51	8.43	8.01	7.8	2.842	95.7	2.4	1.0	0.6
285	3/3/2014 10:16:04	12.49	47.00	30.51	8.44	8.01	8.1	2.946	95.8	2.4	1.0	0.6
286	3/3/2014 10:31:04	12.41	47.16	30.62	8.45	8.02	8.4	3.041	95.9	2.3	1.0	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
287	3/3/2014 10:46:04	12.32	47.34	30.74	8.47	8.02	9.1	3.138	96.0	2.9	1.2	0.7
288	3/3/2014 11:01:04	12.27	47.42	30.80	8.49	8.03	9.6	3.239	96.2	2.6	1.1	0.6
289	3/3/2014 11:16:04	12.13	47.56	30.90	8.54	8.03	11.8	3.350	96.5	2.5	1.1	0.6
290	3/3/2014 11:31:04	12.04	47.74	31.02	8.59	8.04	11.5	3.457	97.0	3.0	1.3	0.7
291	3/3/2014 11:46:04	11.94	47.89	31.12	8.67	8.05	12.3	3.552	97.8	2.5	1.1	0.6
292	3/3/2014 12:01:04	11.83	47.99	31.19	8.73	8.06	11.9	3.671	98.2	2.4	1.0	0.6
293	3/3/2014 12:16:03	11.72	48.13	31.29	8.81	8.07	11.7	3.761	98.9	3.3	1.4	0.8
294	3/3/2014 12:31:04	11.65	48.31	31.42	8.85	8.08	12.0	3.852	99.3	2.7	1.1	0.6
295	3/3/2014 12:46:04	11.57	48.59	31.61	8.89	8.08	8.6	3.931	99.7	3.0	1.3	0.7
296	3/3/2014 13:01:03	11.52	48.82	31.78	8.90	8.09	6.5	3.995	99.9	2.9	1.2	0.7
297	3/3/2014 13:16:03	11.50	48.91	31.84	8.92	8.09	5.3	4.027	100.1	3.3	1.4	0.8
298	3/3/2014 13:31:03	11.46	49.04	31.93	8.90	8.09	3.8	4.049	99.7	2.9	1.2	0.7
299	3/3/2014 13:46:04	11.64	48.64	31.65	8.84	8.08	4.5	4.050	99.3	2.7	1.1	0.6
300	3/3/2014 14:01:04	11.51	48.92	31.85	8.82	8.08	5.2	4.014	99.0	2.1	0.9	0.5
301	3/3/2014 14:16:04	11.49	49.00	31.91	8.82	8.08	6.2	3.953	98.9	2.0	0.8	0.5
302	3/3/2014 14:31:04	11.74	48.43	31.51	8.74	8.07	6.8	3.876	98.3	2.2	0.9	0.5
303	3/3/2014 14:46:04	11.98	48.01	31.22	8.73	8.07	6.4	3.785	98.6	2.6	1.1	0.6
304	3/3/2014 15:01:03	12.00	47.95	31.17	8.71	8.06	6.1	3.653	98.3	3.0	1.3	0.7
305	3/3/2014 15:16:04	12.15	47.71	31.01	8.65	8.05	7.8	3.555	97.9	2.9	1.2	0.7
306	3/3/2014 15:31:03	12.10	47.74	31.02	8.65	8.05	9.3	3.434	97.8	3.3	1.4	0.8
307	3/3/2014 15:46:03	12.17	47.65	30.96	8.59	8.04	7.9	3.324	97.2	3.3	1.4	0.8
308	3/3/2014 16:01:04	12.26	47.53	30.88	8.52	8.03	8.6	3.206	96.5	2.8	1.2	0.7
309	3/3/2014 16:16:04	12.25	47.52	30.87	8.51	8.04	7.2	3.082	96.4	2.9	1.2	0.7
310	3/3/2014 16:31:04	12.27	47.44	30.82	8.48	8.03	6.4	2.972	96.1	2.4	1.0	0.6
311	3/3/2014 16:46:04	12.26	47.39	30.78	8.48	8.04	6.3	2.856	96.1	2.5	1.1	0.6
312	3/3/2014 17:01:04	12.39	47.13	30.60	8.48	8.03	5.4	2.741	96.2	2.8	1.2	0.7
313	3/3/2014 17:16:04	12.51	46.87	30.41	8.42	8.01	5.5	2.625	95.6	3.1	1.3	0.7
314	3/3/2014 17:31:04	12.60	46.72	30.31	8.34	8.00	5.6	2.513	94.9	2.7	1.1	0.6
315	3/3/2014 17:46:04	12.57	46.73	30.31	8.35	8.01	5.1	2.403	94.9	2.3	1.0	0.5
316	3/3/2014 18:01:04	12.68	46.55	30.19	8.21	7.99	5.0	2.293	93.5	2.8	1.2	0.7
317	3/3/2014 18:16:04	12.66	46.56	30.19	8.22	7.99	5.1	2.188	93.5	2.7	1.1	0.6
318	3/3/2014 18:31:04	12.78	46.37	30.06	8.16	7.98	5.3	2.102	93.0	3.0	1.3	0.7
319	3/3/2014 18:46:04	12.81	46.28	30.00	8.13	7.98	5.4	2.039	92.7	2.8	1.2	0.7
320	3/3/2014 19:01:03	12.84	46.24	29.97	8.10	7.97	5.3	1.989	92.3	3.0	1.3	0.7
321	3/3/2014 19:16:04	12.89	46.14	29.90	8.05	7.97	4.5	1.942	91.9	3.1	1.3	0.7
322	3/3/2014 19:31:03	12.86	46.17	29.92	8.07	7.97	4.7	1.960	92.1	3.4	1.4	0.8
323	3/3/2014 19:46:03	12.88	46.14	29.90	8.18	7.97	4.6	1.997	93.3	2.7	1.1	0.6
324	3/3/2014 20:01:03	12.91	46.13	29.89	8.20	7.97	4.8	2.040	93.6	2.8	1.2	0.7
325	3/3/2014 20:16:04	12.92	46.08	29.86	8.20	7.96	4.8	2.118	93.6	2.7	1.1	0.6
326	3/3/2014 20:31:04	12.97	45.68	29.57	8.27	7.97	8.1	2.229	94.3	2.5	1.1	0.6
327	3/3/2014 20:46:04	12.96	45.55	29.48	8.26	7.96	6.7	2.317	94.1	2.9	1.2	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
328	3/3/2014 21:01:04	12.88	46.03	29.82	8.18	7.97	6.6	2.419	93.3	2.6	1.1	0.6
329	3/3/2014 21:16:03	12.84	46.14	29.90	8.20	7.97	5.7	2.540	93.4	2.3	1.0	0.5
330	3/3/2014 21:31:03	12.70	46.49	30.14	8.28	7.99	5.9	2.630	94.3	2.8	1.2	0.7
331	3/3/2014 21:46:04	12.63	46.69	30.29	8.34	8.00	6.2	2.743	94.9	2.9	1.2	0.7
332	3/3/2014 22:01:03	12.54	46.90	30.43	8.33	8.00	6.5	2.834	94.7	3.1	1.3	0.7
333	3/3/2014 22:16:04	12.53	46.95	30.47	8.36	8.00	5.9	2.943	95.0	2.7	1.1	0.6
334	3/3/2014 22:31:03	12.50	46.96	30.48	8.37	8.01	6.7	3.043	95.1	2.4	1.0	0.6
335	3/3/2014 22:46:03	12.41	47.15	30.61	8.45	8.01	7.7	3.144	95.9	2.9	1.2	0.7
336	3/3/2014 23:01:04	12.35	47.25	30.68	8.47	8.02	9.2	3.251	96.0	2.7	1.1	0.6
337	3/3/2014 23:16:03	12.22	47.42	30.79	8.52	8.03	11.8	3.354	96.4	2.7	1.1	0.6
338	3/3/2014 23:31:04	12.11	47.61	30.93	8.60	8.04	12.5	3.466	97.1	2.9	1.2	0.7
339	3/3/2014 23:46:04	11.91	48.06	31.24	8.70	8.05	11.2	3.597	98.0	3.5	1.5	0.8
340	3/4/2014 0:01:04	11.76	48.34	31.44	8.76	8.06	13.3	3.714	98.6	2.9	1.2	0.7
341	3/4/2014 0:16:04	11.64	48.58	31.61	8.82	8.07	11.5	3.812	99.1	3.1	1.3	0.7
342	3/4/2014 0:31:04	11.55	48.75	31.72	8.87	8.07	10.5	3.930	99.5	2.8	1.2	0.7
343	3/4/2014 0:46:04	11.47	48.94	31.86	8.92	8.08	9.6	4.036	100.0	2.2	0.9	0.5
344	3/4/2014 1:01:04	11.40	49.08	31.96	8.95	8.08	7.6	4.114	100.3	2.6	1.1	0.6
345	3/4/2014 1:16:04	11.35	49.20	32.04	8.94	8.08	7.5	4.198	100.1	3.1	1.3	0.7
346	3/4/2014 1:31:04	11.30	49.29	32.10	8.98	8.09	6.2	4.241	100.4	2.3	1.0	0.5
347	3/4/2014 1:46:04	11.30	49.32	32.13	8.92	8.09	4.3	4.266	99.8	2.5	1.1	0.6
348	3/4/2014 2:01:04	11.45	49.01	31.91	8.76	8.07	5.1	4.281	98.2	2.3	1.0	0.5
349	3/4/2014 2:16:04	11.42	49.07	31.95	8.76	8.07	5.8	4.250	98.2	2.1	0.9	0.5
350	3/4/2014 2:31:04	11.38	49.14	32.00	8.83	8.08	5.7	4.206	98.9	2.0	0.8	0.5
351	3/4/2014 2:46:04	11.41	49.10	31.97	8.84	8.08	7.3	4.115	99.0	2.3	1.0	0.5
352	3/4/2014 3:01:03	11.63	48.56	31.60	8.72	8.06	6.8	4.026	97.9	2.5	1.1	0.6
353	3/4/2014 3:16:03	11.68	48.43	31.50	8.64	8.05	6.5	3.907	97.1	2.6	1.1	0.6
354	3/4/2014 3:31:04	11.85	48.08	31.26	8.46	8.03	8.3	3.788	95.2	1.9	0.8	0.5
355	3/4/2014 3:46:04	11.86	47.99	31.19	8.52	8.04	14.1	3.661	95.9	2.5	1.1	0.6
356	3/4/2014 4:01:04	11.90	47.86	31.10	8.43	8.03	11.9	3.549	94.9	3.0	1.3	0.7
357	3/4/2014 4:16:04	12.00	47.69	30.98	8.35	8.02	10.6	3.420	94.1	2.6	1.1	0.6
358	3/4/2014 4:31:04	12.10	47.46	30.82	8.21	8.01	11.2	3.292	92.7	2.3	1.0	0.6
359	3/4/2014 4:46:03	12.16	47.25	30.68	8.15	8.00	11.9	3.174	92.0	2.2	0.9	0.5
360	3/4/2014 5:01:04	12.01	47.55	30.88	8.21	8.01	8.9	3.049	92.6	1.9	0.8	0.5
361	3/4/2014 5:16:04	12.09	47.31	30.71	8.12	8.00	8.6	2.934	91.6	2.5	1.1	0.6
362	3/4/2014 5:31:04	12.32	46.76	30.32	7.98	7.97	8.2	2.832	90.2	2.0	0.8	0.5
363	3/4/2014 5:46:04	12.24	46.98	30.48	7.96	7.98	7.7	2.683	90.0	2.5	1.1	0.6
364	3/4/2014 6:01:04	12.35	46.75	30.32	7.85	7.96	8.7	2.550	88.8	2.5	1.1	0.6
365	3/4/2014 6:16:04	12.30	46.82	30.37	7.80	7.96	7.3	2.453	88.1	2.0	0.8	0.5
366	3/4/2014 6:31:04	12.33	46.73	30.30	7.72	7.95	8.5	2.330	87.2	2.8	1.2	0.7
367	3/4/2014 6:46:04	12.37	46.58	30.20	7.65	7.94	7.9	2.209	86.5	2.5	1.1	0.6
368	3/4/2014 7:01:04	12.36	46.53	30.16	7.59	7.93	7.2	2.102	85.8	2.6	1.1	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
369	3/4/2014 7:16:04	12.41	46.42	30.09	7.55	7.92	7.6	2.009	85.3	2.4	1.0	0.6
370	3/4/2014 7:31:04	12.47	46.25	29.96	7.51	7.91	5.8	1.927	85.0	1.9	0.8	0.5
371	3/4/2014 7:46:04	12.52	46.14	29.89	7.47	7.91	5.4	1.866	84.5	2.3	1.0	0.5
372	3/4/2014 8:01:04	12.56	46.04	29.82	7.34	7.90	3.8	1.859	83.2	2.3	1.0	0.5
373	3/4/2014 8:16:04	12.53	46.08	29.85	7.48	7.90	4.4	1.877	84.7	2.6	1.1	0.6
374	3/4/2014 8:31:04	12.59	46.01	29.80	7.52	7.91	4.3	1.906	85.2	2.0	0.8	0.5
375	3/4/2014 8:46:04	12.62	46.00	29.79	7.55	7.91	4.3	1.962	85.6	2.5	1.1	0.6
376	3/4/2014 9:01:04	12.63	46.03	29.82	7.58	7.91	4.9	2.056	85.9	2.0	0.8	0.5
377	3/4/2014 9:16:04	12.60	45.46	29.40	7.59	7.90	6.7	2.156	85.8	2.4	1.0	0.6
378	3/4/2014 9:31:04	12.58	45.40	29.36	7.57	7.89	6.7	2.257	85.5	2.6	1.1	0.6
379	3/4/2014 9:46:04	12.55	45.82	29.66	7.60	7.91	7.0	2.368	85.9	1.9	0.8	0.4
380	3/4/2014 10:01:04	12.53	46.10	29.86	7.61	7.92	7.0	2.465	86.1	2.3	1.0	0.5
381	3/4/2014 10:16:04	12.44	46.49	30.14	7.75	7.94	5.6	2.565	87.7	2.3	1.0	0.5
382	3/4/2014 10:31:04	12.38	46.76	30.33	7.91	7.96	5.3	2.667	89.6	2.0	0.8	0.5
383	3/4/2014 10:46:04	12.41	46.87	30.41	7.98	7.97	4.8	2.753	90.4	2.0	0.8	0.5
384	3/4/2014 11:01:03	12.41	46.92	30.45	8.02	7.97	5.1	2.844	90.9	2.2	0.9	0.5
385	3/4/2014 11:16:04	12.39	46.99	30.50	8.08	7.98	5.3	2.943	91.6	1.9	0.8	0.5
386	3/4/2014 11:31:03	12.36	47.05	30.54	8.13	7.98	6.7	3.033	92.1	2.3	1.0	0.5
387	3/4/2014 11:46:03	12.31	47.15	30.60	8.21	7.99	6.7	3.119	92.9	2.2	0.9	0.5
388	3/4/2014 12:01:04	12.26	47.28	30.70	8.26	8.00	7.6	3.210	93.5	2.4	1.0	0.6
389	3/4/2014 12:16:04	12.19	47.43	30.80	8.31	8.01	8.0	3.312	93.9	2.6	1.1	0.6
390	3/4/2014 12:31:04	12.12	47.61	30.93	8.37	8.02	8.6	3.392	94.6	2.5	1.1	0.6
391	3/4/2014 12:46:04	12.01	47.82	31.08	8.44	8.02	7.6	3.484	95.2	2.4	1.0	0.6
392	3/4/2014 13:01:04	11.87	48.10	31.27	8.57	8.04	8.1	3.585	96.5	2.6	1.1	0.6
393	3/4/2014 13:16:04	11.81	48.29	31.41	8.63	8.04	8.1	3.663	97.2	2.8	1.2	0.7
394	3/4/2014 13:31:04	11.77	48.41	31.49	8.66	8.05	6.7	3.738	97.5	1.9	0.8	0.5
395	3/4/2014 13:46:04	11.71	48.53	31.57	8.77	8.05	5.7	3.784	98.6	1.9	0.8	0.4
396	3/4/2014 14:01:04	11.67	48.57	31.60	8.78	8.06	5.1	3.851	98.7	1.7	0.7	0.4
397	3/4/2014 14:16:04	11.66	48.59	31.62	8.73	8.05	4.2	3.883	98.2	2.2	0.9	0.5
398	3/4/2014 14:31:04	11.80	48.42	31.50	8.61	8.05	5.1	3.870	97.0	2.2	0.9	0.5
399	3/4/2014 14:46:03	11.74	48.51	31.57	8.63	8.05	4.9	3.852	97.2	1.8	0.8	0.4
400	3/4/2014 15:01:04	11.71	48.57	31.60	8.70	8.05	5.3	3.818	97.8	2.0	0.8	0.5
401	3/4/2014 15:16:04	11.77	48.50	31.56	8.64	8.05	5.4	3.743	97.3	1.9	0.8	0.4
402	3/4/2014 15:31:04	12.39	47.85	31.11	8.74	8.05	6.1	3.660	99.4	2.7	1.1	0.6
403	3/4/2014 15:46:03	12.52	47.68	31.00	8.62	8.04	4.7	3.550	98.3	1.7	0.7	0.4
404	3/4/2014 16:01:03	12.53	47.58	30.92	8.57	8.03	6.1	3.458	97.7	2.3	1.0	0.5
405	3/4/2014 16:16:04	12.61	47.44	30.83	8.52	8.02	5.5	3.358	97.2	2.3	1.0	0.5
406	3/4/2014 16:31:03	12.61	47.39	30.79	8.50	8.02	5.0	3.266	97.0	2.6	1.1	0.6
407	3/4/2014 16:46:04	12.63	47.40	30.80	8.52	8.02	5.3	3.148	97.2	2.3	1.0	0.6
408	3/4/2014 17:01:04	12.67	47.35	30.76	8.49	8.02	5.0	3.054	96.9	2.5	1.1	0.6
409	3/4/2014 17:16:04	12.85	46.95	30.48	8.33	8.00	5.3	2.959	95.3	2.5	1.1	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
410	3/4/2014 17:31:03	12.84	46.91	30.45	8.34	8.00	5.1	2.861	95.3	1.9	0.8	0.5
411	3/4/2014 17:46:04	12.87	46.84	30.40	8.34	8.00	4.6	2.751	95.5	2.6	1.1	0.6
412	3/4/2014 18:01:03	12.83	46.90	30.45	8.40	8.01	5.2	2.653	96.1	2.4	1.0	0.6
413	3/4/2014 18:16:03	12.97	46.55	30.20	8.42	7.99	4.3	2.577	96.4	2.9	1.2	0.7
414	3/4/2014 18:31:04	12.88	46.77	30.35	8.42	8.01	4.7	2.487	96.4	2.3	1.0	0.6
415	3/4/2014 18:46:03	12.96	46.64	30.27	8.36	8.00	4.2	2.380	95.7	2.7	1.1	0.6
416	3/4/2014 19:01:04	12.98	46.63	30.26	8.39	8.01	5.2	2.306	96.1	2.3	1.0	0.5
417	3/4/2014 19:16:03	13.09	46.44	30.12	8.31	8.00	4.3	2.269	95.4	2.4	1.0	0.6
418	3/4/2014 19:31:03	13.16	46.37	30.08	8.36	7.99	4.0	2.183	96.0	2.4	1.0	0.6
419	3/4/2014 19:46:04	13.27	46.24	29.98	8.27	7.99	3.2	2.159	95.2	2.5	1.1	0.6
420	3/4/2014 20:01:03	13.36	46.13	29.91	8.09	7.98	3.4	2.155	93.2	2.0	0.8	0.5
421	3/4/2014 20:16:03	13.33	46.10	29.89	8.34	7.98	3.4	2.158	96.0	2.4	1.0	0.6
422	3/4/2014 20:31:03	13.33	46.08	29.88	8.38	7.98	3.1	2.178	96.4	2.6	1.1	0.6
423	3/4/2014 20:46:03	13.30	46.12	29.90	8.35	7.97	3.3	2.239	96.1	2.4	1.0	0.6
424	3/4/2014 21:01:04	13.29	46.12	29.90	8.37	7.98	3.6	2.327	96.2	2.4	1.0	0.6
425	3/4/2014 21:16:04	13.34	45.90	29.74	8.40	7.98	4.3	2.397	96.6	2.6	1.1	0.6
426	3/4/2014 21:31:03	13.36	45.69	29.59	8.44	7.98	4.8	2.496	97.0	2.7	1.1	0.6
427	3/4/2014 21:46:03	13.25	46.01	29.82	8.44	7.98	4.7	2.586	96.9	2.7	1.1	0.6
428	3/4/2014 22:01:04	13.07	46.37	30.07	8.38	7.98	4.6	2.682	96.1	2.7	1.1	0.6
429	3/4/2014 22:16:04	12.91	46.70	30.31	8.37	7.99	4.7	2.781	95.7	2.1	0.9	0.5
430	3/4/2014 22:31:04	12.75	46.93	30.47	8.35	8.00	4.3	2.869	95.3	2.3	1.0	0.6
431	3/4/2014 22:46:03	12.69	47.03	30.53	8.32	8.00	4.2	2.962	94.9	2.3	1.0	0.5
432	3/4/2014 23:01:04	12.67	47.10	30.58	8.38	8.00	4.7	3.039	95.5	2.4	1.0	0.6
433	3/4/2014 23:16:04	12.65	47.19	30.65	8.42	8.01	5.4	3.146	96.0	2.6	1.1	0.6
434	3/4/2014 23:31:04	12.55	47.36	30.77	8.46	8.01	6.5	3.241	96.3	2.4	1.0	0.6
435	3/4/2014 23:46:04	12.49	47.45	30.83	8.48	8.02	7.9	3.342	96.5	2.8	1.2	0.7
436	3/5/2014 0:01:04	12.32	47.61	30.94	8.56	8.02	9.4	3.452	97.1	2.6	1.1	0.6
437	3/5/2014 0:16:04	12.17	47.80	31.07	8.67	8.03	9.8	3.544	98.1	2.6	1.1	0.6
438	3/5/2014 0:31:04	12.00	47.93	31.16	8.75	8.04	10.0	3.653	98.7	2.5	1.1	0.6
439	3/5/2014 0:46:04	11.80	47.88	31.11	8.90	8.06	11.5	3.767	100.0	1.9	0.8	0.4
440	3/5/2014 1:01:04	11.72	47.80	31.05	8.98	8.06	11.7	3.859	100.6	2.6	1.1	0.6
441	3/5/2014 1:16:04	11.67	47.68	30.96	9.03	8.07	11.2	3.949	101.1	2.9	1.2	0.7
442	3/5/2014 1:31:04	11.60	47.50	30.83	9.09	8.08	13.2	4.035	101.5	2.4	1.0	0.6
443	3/5/2014 1:46:03	11.57	47.42	30.77	9.09	8.08	13.6	4.088	101.4	2.0	0.8	0.5
444	3/5/2014 2:01:03	11.52	47.24	30.64	9.09	8.08	14.2	4.171	101.2	2.6	1.1	0.6
445	3/5/2014 2:16:04	11.55	47.11	30.54	9.00	8.07	11.8	4.212	100.2	2.5	1.1	0.6
446	3/5/2014 2:31:04	11.60	46.97	30.44	8.85	8.07	8.6	4.213	98.6	2.6	1.1	0.6
447	3/5/2014 2:46:03	12.30	47.35	30.75	8.33	8.01	4.8	4.228	94.4	2.6	1.1	0.6
448	3/5/2014 3:01:04	12.01	47.51	30.86	8.59	8.04	6.2	4.196	96.8	2.3	1.0	0.5
449	3/5/2014 3:16:04	11.88	47.64	30.94	8.69	8.05	6.2	4.123	97.7	2.1	0.9	0.5
450	3/5/2014 3:31:04	11.72	47.72	30.99	8.84	8.06	7.1	4.051	99.0	2.2	0.9	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
451	3/5/2014 3:46:04	11.64	47.58	30.88	8.96	8.07	9.3	3.939	100.1	2.0	0.8	0.5
452	3/5/2014 4:01:04	11.85	47.66	30.96	8.73	8.05	8.0	3.835	98.1	2.2	0.9	0.5
453	3/5/2014 4:16:04	12.11	47.73	31.02	8.46	8.02	6.7	3.724	95.6	2.1	0.9	0.5
454	3/5/2014 4:31:04	11.78	47.60	30.91	8.83	8.06	10.7	3.611	99.1	2.4	1.0	0.6
455	3/5/2014 4:46:04	11.81	47.62	30.92	8.81	8.05	11.5	3.482	98.8	2.7	1.1	0.6
456	3/5/2014 5:01:04	12.03	47.56	30.89	8.69	8.04	8.9	3.378	98.0	2.2	0.9	0.5
457	3/5/2014 5:16:04	12.34	47.45	30.83	8.36	8.01	8.8	3.253	94.9	2.6	1.1	0.6
458	3/5/2014 5:31:04	12.48	47.27	30.70	8.28	8.00	9.3	3.141	94.1	1.7	0.7	0.4
459	3/5/2014 5:46:04	12.32	47.27	30.70	8.41	8.01	8.6	3.039	95.3	2.4	1.0	0.6
460	3/5/2014 6:01:03	12.09	47.44	30.81	8.47	8.02	7.7	2.909	95.5	2.4	1.0	0.6
461	3/5/2014 6:16:04	12.44	47.08	30.56	8.21	7.99	7.0	2.795	93.2	2.1	0.9	0.5
462	3/5/2014 6:31:04	12.45	47.02	30.52	8.29	7.99	8.3	2.670	94.1	2.1	0.9	0.5
463	3/5/2014 6:46:04	12.59	46.95	30.47	8.11	7.98	7.0	2.568	92.3	2.0	0.8	0.5
464	3/5/2014 7:01:04	12.47	47.05	30.54	8.09	7.98	7.0	2.451	91.9	1.6	0.7	0.4
465	3/5/2014 7:16:04	12.93	46.41	30.10	7.90	7.94	7.8	2.323	90.3	1.9	0.8	0.4
466	3/5/2014 7:31:04	13.08	46.22	29.97	7.82	7.93	6.2	2.215	89.5	1.8	0.8	0.4
467	3/5/2014 7:46:04	13.01	46.23	29.97	7.81	7.93	6.2	2.132	89.4	1.9	0.8	0.4
468	3/5/2014 8:01:03	13.12	46.06	29.85	7.79	7.92	6.1	2.046	89.3	2.4	1.0	0.6
469	3/5/2014 8:16:04	13.23	45.91	29.74	7.75	7.92	5.5	1.978	89.0	2.0	0.8	0.5
470	3/5/2014 8:31:04	13.33	45.74	29.63	7.62	7.91	4.4	1.925	87.6	2.0	0.8	0.5
471	3/5/2014 8:46:03	13.41	45.65	29.57	7.47	7.90	3.2	1.922	85.9	1.7	0.7	0.4
472	3/5/2014 9:01:03	13.41	45.67	29.58	7.73	7.91	4.2	1.900	88.9	2.0	0.8	0.5
473	3/5/2014 9:16:03	13.39	45.68	29.59	7.82	7.91	4.1	1.939	90.0	2.6	1.1	0.6
474	3/5/2014 9:31:03	13.38	45.75	29.63	7.85	7.91	4.8	1.980	90.3	2.0	0.8	0.5
475	3/5/2014 9:46:03	13.38	45.82	29.69	7.87	7.91	6.4	2.039	90.5	1.6	0.7	0.4
476	3/5/2014 10:01:03	13.38	45.03	29.12	7.87	7.90	9.5	2.112	90.3	1.8	0.8	0.4
477	3/5/2014 10:16:04	13.34	45.08	29.15	7.83	7.90	7.0	2.206	89.7	1.9	0.8	0.4
478	3/5/2014 10:31:04	13.26	45.39	29.37	7.77	7.90	7.2	2.302	89.0	2.0	0.8	0.5
479	3/5/2014 10:46:04	13.22	45.74	29.62	7.80	7.91	5.7	2.376	89.4	2.2	0.9	0.5
480	3/5/2014 11:01:04	13.16	46.03	29.83	7.87	7.93	5.2	2.462	90.2	1.7	0.7	0.4
481	3/5/2014 11:16:03	12.99	46.42	30.11	8.00	7.95	5.0	2.559	91.6	1.6	0.7	0.4
482	3/5/2014 11:31:03	12.94	46.65	30.27	8.19	7.96	5.7	2.646	93.7	2.3	1.0	0.5
483	3/5/2014 11:46:04	12.95	46.74	30.33	8.24	7.97	6.0	2.713	94.3	1.8	0.8	0.4
484	3/5/2014 12:01:04	12.89	46.88	30.43	8.26	7.98	7.0	2.808	94.5	1.7	0.7	0.4
485	3/5/2014 12:16:03	12.80	46.94	30.48	8.30	7.98	7.1	2.887	94.9	2.5	1.1	0.6
486	3/5/2014 12:31:04	12.75	46.99	30.51	8.36	7.99	6.9	2.973	95.5	2.3	1.0	0.5
487	3/5/2014 12:46:04	12.65	47.08	30.57	8.38	8.00	7.1	3.051	95.5	2.5	1.1	0.6
488	3/5/2014 13:01:04	12.60	47.14	30.61	8.41	8.00	7.6	3.129	95.7	2.0	0.8	0.5
489	3/5/2014 13:16:04	12.50	47.24	30.68	8.47	8.01	8.1	3.220	96.3	2.4	1.0	0.6
490	3/5/2014 13:31:04	12.41	47.30	30.72	8.55	8.02	7.9	3.295	97.1	2.5	1.1	0.6
491	3/5/2014 13:46:04	12.35	47.30	30.72	8.62	8.02	9.2	3.380	97.8	1.6	0.7	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
492	3/5/2014 14:01:04	12.29	47.30	30.72	8.69	8.03	8.8	3.455	98.3	2.0	0.8	0.5
493	3/5/2014 14:16:04	12.18	47.31	30.72	8.73	8.04	10.1	3.529	98.7	2.5	1.1	0.6
494	3/5/2014 14:31:04	12.13	47.28	30.69	8.76	8.05	10.1	3.596	98.9	2.1	0.9	0.5
495	3/5/2014 14:46:04	12.12	47.21	30.64	8.78	8.05	10.0	3.640	99.1	2.5	1.1	0.6
496	3/5/2014 15:01:04	12.07	47.11	30.57	8.79	8.05	9.2	3.687	99.0	2.1	0.9	0.5
497	3/5/2014 15:16:04	12.22	46.98	30.48	8.73	8.04	7.2	3.717	98.6	2.7	1.1	0.6
498	3/5/2014 15:31:04	12.33	47.06	30.54	8.58	8.04	7.8	3.709	97.1	2.6	1.1	0.6
499	3/5/2014 15:46:04	12.08	47.14	30.59	8.57	8.04	7.7	3.681	96.5	2.0	0.8	0.5
500	3/5/2014 16:01:04	12.15	47.13	30.58	8.64	8.04	8.2	3.651	97.5	2.2	0.9	0.5
501	3/5/2014 16:16:04	12.13	47.13	30.59	8.73	8.05	8.9	3.575	98.5	2.5	1.1	0.6
502	3/5/2014 16:31:04	12.19	47.19	30.63	8.70	8.05	7.6	3.488	98.2	2.2	0.9	0.5
503	3/5/2014 16:46:04	12.26	47.19	30.64	8.69	8.04	6.6	3.413	98.3	2.3	1.0	0.5
504	3/5/2014 17:01:04	12.58	47.07	30.56	8.56	8.03	6.5	3.327	97.4	2.1	0.9	0.5
505	3/5/2014 17:16:04	12.82	46.90	30.44	8.46	8.02	6.8	3.232	96.7	2.3	1.0	0.5
506	3/5/2014 17:31:03	12.64	47.08	30.57	8.46	8.01	5.7	3.161	96.4	2.0	0.8	0.5
507	3/5/2014 17:46:04	12.60	47.14	30.61	8.46	8.01	5.9	3.071	96.4	2.6	1.1	0.6
508	3/5/2014 18:01:04	12.72	47.07	30.56	8.35	8.00	5.4	3.007	95.3	2.2	0.9	0.5
509	3/5/2014 18:16:04	12.80	47.03	30.54	8.24	7.99	5.6	2.931	94.2	2.1	0.9	0.5
510	3/5/2014 18:31:04	12.86	46.98	30.50	8.21	7.98	5.7	2.854	93.9	2.0	0.8	0.5
511	3/5/2014 18:46:04	12.93	46.92	30.46	8.19	7.98	7.0	2.774	93.8	2.2	0.9	0.5
512	3/5/2014 19:01:03	13.03	46.83	30.40	8.17	7.97	8.5	2.724	93.7	2.1	0.9	0.5
513	3/5/2014 19:16:03	13.16	46.59	30.23	8.16	7.97	8.1	2.661	93.8	2.5	1.1	0.6
514	3/5/2014 19:31:04	13.19	46.63	30.27	8.09	7.96	6.4	2.598	93.1	1.8	0.8	0.4
515	3/5/2014 19:46:04	13.24	46.49	30.16	8.08	7.96	7.3	2.532	93.0	2.9	1.2	0.7
516	3/5/2014 20:01:04	13.28	46.35	30.06	8.04	7.95	6.7	2.487	92.6	2.6	1.1	0.6
517	3/5/2014 20:16:03	13.34	46.26	30.00	7.99	7.95	6.8	2.447	92.1	3.0	1.3	0.7
518	3/5/2014 20:31:03	13.38	46.19	29.95	7.82	7.94	5.9	2.431	90.2	2.3	1.0	0.5
519	3/5/2014 20:46:03	13.40	46.15	29.92	7.66	7.93	4.7	2.412	88.4	2.0	0.8	0.5
520	3/5/2014 21:01:04	13.30	46.26	30.00	8.00	7.94	7.0	2.433	92.1	2.1	0.9	0.5
521	3/5/2014 21:16:03	13.27	46.29	30.02	8.01	7.95	7.9	2.442	92.2	2.7	1.1	0.6
522	3/5/2014 21:31:03	13.27	46.28	30.02	8.10	7.95	7.8	2.476	93.2	2.6	1.1	0.6
523	3/5/2014 21:46:03	13.20	46.37	30.08	8.16	7.95	7.5	2.538	93.8	2.7	1.1	0.6
524	3/5/2014 22:01:04	13.25	46.11	29.89	8.26	7.97	8.4	2.597	95.0	2.4	1.0	0.6
525	3/5/2014 22:16:04	13.16	46.40	30.10	8.21	7.97	7.0	2.668	94.3	1.8	0.8	0.4
526	3/5/2014 22:31:04	13.06	46.60	30.24	8.20	7.97	7.2	2.750	94.1	2.6	1.1	0.6
527	3/5/2014 22:46:04	12.94	46.78	30.36	8.26	7.98	5.9	2.836	94.6	2.4	1.0	0.6
528	3/5/2014 23:01:03	12.91	46.81	30.38	8.30	7.98	5.8	2.913	95.0	2.2	0.9	0.5
529	3/5/2014 23:16:03	12.91	46.82	30.39	8.31	7.98	6.4	2.991	95.1	2.3	1.0	0.6
530	3/5/2014 23:31:04	12.88	46.85	30.41	8.33	7.98	6.6	3.085	95.3	3.1	1.3	0.7
531	3/5/2014 23:46:04	12.89	46.85	30.41	8.29	7.98	7.2	3.159	94.9	2.5	1.1	0.6
532	3/6/2014 0:01:04	12.84	46.85	30.41	8.31	7.99	7.3	3.245	95.0	2.1	0.9	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
533	3/6/2014 0:16:03	12.74	46.84	30.40	8.36	7.99	8.3	3.331	95.3	2.9	1.2	0.7
534	3/6/2014 0:31:03	12.65	46.86	30.41	8.43	8.00	8.1	3.425	96.0	2.3	1.0	0.6
535	3/6/2014 0:46:04	12.53	46.95	30.47	8.49	8.01	9.3	3.524	96.5	2.1	0.9	0.5
536	3/6/2014 1:01:04	12.35	47.00	30.50	8.58	8.02	10.1	3.611	97.1	1.9	0.8	0.4
537	3/6/2014 1:16:04	12.18	47.00	30.49	8.67	8.04	11.9	3.704	97.8	2.6	1.1	0.6
538	3/6/2014 1:31:04	12.06	46.97	30.47	8.72	8.04	13.7	3.793	98.2	1.8	0.8	0.4
539	3/6/2014 1:46:04	12.03	47.02	30.50	8.73	8.04	13.9	3.866	98.2	2.2	0.9	0.5
540	3/6/2014 2:01:04	11.94	47.06	30.53	8.75	8.05	13.8	3.944	98.3	2.6	1.1	0.6
541	3/6/2014 2:16:04	11.87	47.11	30.56	8.76	8.06	13.0	4.003	98.2	2.5	1.1	0.6
542	3/6/2014 2:31:04	11.82	47.18	30.61	8.75	8.06	9.7	4.056	98.1	2.0	0.8	0.5
543	3/6/2014 2:46:04	11.85	47.15	30.59	8.71	8.06	7.6	4.087	97.6	2.1	0.9	0.5
544	3/6/2014 3:01:04	11.85	47.17	30.60	8.54	8.05	5.3	4.116	95.7	1.9	0.8	0.5
545	3/6/2014 3:16:04	11.97	47.11	30.57	8.54	8.04	8.3	4.125	96.0	2.0	0.8	0.5
546	3/6/2014 3:31:04	11.93	47.15	30.59	8.60	8.05	8.1	4.101	96.6	2.6	1.1	0.6
547	3/6/2014 3:46:04	12.03	47.04	30.52	8.58	8.04	10.5	4.074	96.6	2.3	1.0	0.5
548	3/6/2014 4:01:04	12.01	47.06	30.53	8.61	8.04	8.5	4.016	96.8	2.3	1.0	0.5
549	3/6/2014 4:16:04	12.37	46.97	30.48	8.40	8.01	7.6	3.944	95.2	1.9	0.8	0.4
550	3/6/2014 4:31:04	12.44	47.00	30.50	8.33	8.00	6.9	3.859	94.5	2.2	0.9	0.5
551	3/6/2014 4:46:04	12.28	47.05	30.53	8.44	8.02	6.7	3.761	95.5	2.0	0.8	0.5
552	3/6/2014 5:01:03	12.32	46.93	30.45	8.44	8.01	8.5	3.659	95.5	2.1	0.9	0.5
553	3/6/2014 5:16:04	12.21	46.97	30.47	8.58	8.03	11.4	3.554	96.8	2.3	1.0	0.5
554	3/6/2014 5:31:04	12.36	46.97	30.48	8.45	8.01	10.0	3.448	95.6	2.1	0.9	0.5
555	3/6/2014 5:46:04	12.49	46.95	30.47	8.31	8.00	9.9	3.350	94.3	2.6	1.1	0.6
556	3/6/2014 6:01:04	12.54	46.93	30.46	8.26	7.99	10.0	3.245	93.9	2.5	1.1	0.6
557	3/6/2014 6:16:04	12.54	46.92	30.45	8.25	7.99	8.8	3.138	93.8	2.1	0.9	0.5
558	3/6/2014 6:31:04	12.49	46.91	30.44	8.24	7.99	7.2	3.031	93.6	1.8	0.8	0.4
559	3/6/2014 6:46:04	12.48	46.91	30.44	8.22	7.99	6.4	2.945	93.3	1.8	0.8	0.4
560	3/6/2014 7:01:04	12.56	46.82	30.38	8.16	7.98	6.2	2.833	92.8	1.3	0.5	0.3
561	3/6/2014 7:16:04	12.63	46.74	30.32	8.05	7.97	7.3	2.725	91.6	1.5	0.6	0.4
562	3/6/2014 7:31:04	12.70	46.63	30.25	8.00	7.95	6.6	2.618	91.1	1.9	0.8	0.4
563	3/6/2014 7:46:04	12.79	46.47	30.14	7.94	7.94	6.0	2.517	90.5	1.6	0.7	0.4
564	3/6/2014 8:01:03	12.86	46.36	30.06	7.88	7.93	6.1	2.423	89.9	1.7	0.7	0.4
565	3/6/2014 8:16:03	12.95	46.31	30.03	7.85	7.92	6.4	2.316	89.7	1.5	0.6	0.4
566	3/6/2014 8:31:03	12.97	46.28	30.00	7.84	7.92	6.7	2.243	89.7	1.9	0.8	0.5
567	3/6/2014 8:46:03	13.01	46.25	29.98	7.80	7.91	6.3	2.167	89.3	2.0	0.8	0.5
568	3/6/2014 9:01:04	13.05	46.16	29.92	7.79	7.90	7.4	2.109	89.2	2.1	0.9	0.5
569	3/6/2014 9:16:03	13.13	46.05	29.84	7.69	7.90	7.0	2.044	88.1	1.6	0.7	0.4
570	3/6/2014 9:31:03	13.19	45.98	29.80	7.52	7.89	6.7	2.016	86.2	1.8	0.8	0.4
571	3/6/2014 9:46:04	13.23	45.92	29.75	7.39	7.87	5.1	1.997	84.9	2.0	0.8	0.5
572	3/6/2014 10:01:04	13.23	45.93	29.76	7.66	7.89	6.3	2.001	87.9	1.9	0.8	0.5
573	3/6/2014 10:16:04	13.25	45.95	29.78	7.70	7.89	6.5	2.013	88.4	2.2	0.9	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
574	3/6/2014 10:31:03	13.24	45.99	29.80	7.71	7.89	6.4	2.056	88.6	2.4	1.0	0.6
575	3/6/2014 10:46:04	13.24	46.04	29.84	7.77	7.90	7.2	2.139	89.2	2.0	0.8	0.5
576	3/6/2014 11:01:04	13.28	45.22	29.25	7.78	7.89	9.4	2.194	89.2	2.3	1.0	0.5
577	3/6/2014 11:16:03	13.32	45.02	29.11	7.78	7.89	8.3	2.282	89.1	2.3	1.0	0.6
578	3/6/2014 11:31:04	13.19	45.58	29.51	7.79	7.90	7.8	2.348	89.2	1.7	0.7	0.4
579	3/6/2014 11:46:04	13.20	45.79	29.66	7.78	7.90	6.5	2.426	89.1	2.5	1.1	0.6
580	3/6/2014 12:01:04	13.19	45.86	29.71	7.76	7.90	6.2	2.522	89.0	1.2	0.5	0.3
581	3/6/2014 12:16:03	13.10	46.00	29.81	7.79	7.91	6.3	2.619	89.2	1.9	0.8	0.5
582	3/6/2014 12:31:03	13.04	46.19	29.94	7.93	7.93	5.7	2.682	90.8	1.1	0.5	0.3
583	3/6/2014 12:46:04	13.05	46.34	30.05	8.02	7.94	5.9	2.743	91.8	2.1	0.9	0.5
584	3/6/2014 13:01:04	13.11	46.47	30.15	8.06	7.94	5.9	2.822	92.5	2.0	0.8	0.5
585	3/6/2014 13:16:03	13.14	46.52	30.18	8.06	7.95	5.6	2.868	92.6	1.8	0.8	0.4
586	3/6/2014 13:31:04	13.09	46.57	30.22	8.11	7.95	6.1	2.955	93.1	2.3	1.0	0.5
587	3/6/2014 13:46:04	13.08	46.55	30.20	8.18	7.96	6.0	2.990	93.9	1.7	0.7	0.4
588	3/6/2014 14:01:04	13.06	46.51	30.17	8.18	7.96	7.0	3.083	93.8	1.6	0.7	0.4
589	3/6/2014 14:16:03	13.01	46.54	30.19	8.21	7.96	6.7	3.162	94.1	1.6	0.7	0.4
590	3/6/2014 14:31:03	12.96	46.61	30.24	8.26	7.97	6.7	3.220	94.5	1.9	0.8	0.5
591	3/6/2014 14:46:03	12.91	46.68	30.29	8.35	7.98	6.7	3.290	95.5	2.2	0.9	0.5
592	3/6/2014 15:01:03	12.87	46.74	30.33	8.40	7.98	6.5	3.294	96.0	2.2	0.9	0.5
593	3/6/2014 15:16:04	12.84	46.77	30.35	8.38	7.99	5.9	3.394	95.8	2.0	0.8	0.5
594	3/6/2014 15:31:03	12.82	46.78	30.36	8.35	7.99	5.2	3.448	95.4	1.9	0.8	0.4
595	3/6/2014 15:46:04	12.80	46.80	30.37	8.34	7.99	4.4	3.415	95.3	1.5	0.6	0.3
596	3/6/2014 16:01:04	12.80	46.80	30.37	8.31	7.99	4.5	3.498	94.9	1.8	0.8	0.4
597	3/6/2014 16:16:03	12.87	46.78	30.36	8.18	7.98	4.6	3.498	93.6	1.5	0.6	0.4
598	3/6/2014 16:31:03	12.87	46.78	30.36	8.23	7.98	4.4	3.499	94.2	1.8	0.8	0.4
599	3/6/2014 16:46:04	12.79	46.81	30.38	8.40	8.00	5.5	3.477	96.0	1.6	0.7	0.4
600	3/6/2014 17:01:03	12.83	46.81	30.38	8.33	7.99	5.4	3.449	95.3	1.5	0.6	0.4
601	3/6/2014 17:16:04	12.89	46.78	30.36	8.30	7.98	5.3	3.385	94.9	1.4	0.6	0.3
602	3/6/2014 17:31:04	13.08	46.68	30.29	8.32	7.98	5.7	3.319	95.5	2.0	0.8	0.5
603	3/6/2014 17:46:04	13.14	46.66	30.28	8.29	7.98	5.6	3.289	95.3	1.7	0.7	0.4
604	3/6/2014 18:01:04	13.45	46.62	30.26	8.31	7.99	4.8	3.214	96.2	1.7	0.7	0.4
605	3/6/2014 18:16:04	13.48	46.57	30.23	8.28	7.99	5.5	3.130	95.9	1.6	0.7	0.4
606	3/6/2014 18:31:03	13.46	46.51	30.18	8.23	7.97	5.3	3.086	95.2	1.8	0.8	0.4
607	3/6/2014 18:46:03	13.53	46.44	30.14	8.26	7.97	5.0	3.020	95.6	1.3	0.5	0.3
608	3/6/2014 19:01:04	13.56	46.43	30.13	8.18	7.96	4.5	2.966	94.8	1.5	0.6	0.4
609	3/6/2014 19:16:04	13.59	46.44	30.14	8.17	7.96	5.0	2.897	94.7	2.2	0.9	0.5
610	3/6/2014 19:31:04	13.65	46.40	30.12	8.13	7.96	5.1	2.855	94.3	1.5	0.6	0.4
611	3/6/2014 19:46:04	13.62	46.42	30.12	8.06	7.96	5.1	2.770	93.5	2.3	1.0	0.5
612	3/6/2014 20:01:03	13.56	46.38	30.09	8.03	7.95	5.4	2.719	93.0	2.2	0.9	0.5
613	3/6/2014 20:16:04	13.46	46.38	30.09	8.01	7.96	5.0	2.669	92.6	2.5	1.1	0.6
614	3/6/2014 20:31:03	13.48	46.25	30.00	8.00	7.95	5.2	2.624	92.4	2.4	1.0	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
615	3/6/2014 20:46:04	13.52	46.15	29.93	7.96	7.94	4.5	2.605	92.0	2.1	0.9	0.5
616	3/6/2014 21:01:03	13.56	46.08	29.88	7.91	7.93	4.3	2.560	91.5	2.0	0.8	0.5
617	3/6/2014 21:16:03	13.60	46.02	29.84	7.92	7.92	3.9	2.545	91.7	2.5	1.1	0.6
618	3/6/2014 21:31:03	13.64	45.99	29.82	7.54	7.92	4.0	2.564	87.3	1.4	0.6	0.3
619	3/6/2014 21:46:03	13.63	45.98	29.81	8.12	7.93	3.9	2.555	94.0	2.4	1.0	0.6
620	3/6/2014 22:01:03	13.58	46.01	29.83	8.09	7.93	4.1	2.568	93.5	1.7	0.7	0.4
621	3/6/2014 22:16:03	13.55	46.08	29.88	8.07	7.93	4.5	2.599	93.4	2.1	0.9	0.5
622	3/6/2014 22:31:03	13.53	46.17	29.94	8.10	7.93	4.7	2.659	93.7	1.6	0.7	0.4
623	3/6/2014 22:46:04	13.49	46.25	30.00	8.11	7.94	4.3	2.703	93.7	1.5	0.6	0.3
624	3/6/2014 23:01:04	13.53	46.21	29.97	8.37	7.97	4.9	2.763	96.9	1.8	0.8	0.4
625	3/6/2014 23:16:04	13.48	46.33	30.06	8.31	7.97	4.8	2.842	96.0	1.6	0.7	0.4
626	3/6/2014 23:31:04	13.43	46.41	30.11	8.26	7.97	4.5	2.889	95.4	2.1	0.9	0.5
627	3/6/2014 23:46:03	13.38	46.43	30.13	8.24	7.97	4.3	2.972	95.1	1.8	0.8	0.4
628	3/7/2014 0:01:03	13.31	46.49	30.17	8.31	7.97	5.0	3.034	95.8	1.8	0.8	0.4
629	3/7/2014 0:16:03	13.16	46.57	30.22	8.26	7.97	4.5	3.100	95.0	2.2	0.9	0.5
630	3/7/2014 0:31:04	13.07	46.56	30.21	8.24	7.97	4.8	3.172	94.5	2.1	0.9	0.5
631	3/7/2014 0:46:04	13.04	46.61	30.25	8.20	7.97	4.5	3.232	94.0	2.2	0.9	0.5
632	3/7/2014 1:01:04	12.99	46.62	30.25	8.23	7.97	5.7	3.318	94.3	1.4	0.6	0.3
633	3/7/2014 1:16:03	12.93	46.54	30.19	8.25	7.97	5.6	3.394	94.3	1.5	0.6	0.4
634	3/7/2014 1:31:03	12.75	46.49	30.15	8.42	7.99	6.5	3.456	95.9	2.4	1.0	0.6
635	3/7/2014 1:46:04	12.62	46.48	30.14	8.55	8.00	7.7	3.539	97.1	2.1	0.9	0.5
636	3/7/2014 2:01:04	12.48	46.45	30.11	8.64	8.02	7.7	3.615	97.8	1.9	0.8	0.5
637	3/7/2014 2:16:04	12.39	46.43	30.09	8.70	8.02	8.9	3.679	98.4	1.4	0.6	0.3
638	3/7/2014 2:31:04	12.36	46.40	30.07	8.77	8.03	9.4	3.736	99.1	1.5	0.6	0.3
639	3/7/2014 2:46:04	12.30	46.37	30.04	8.82	8.03	8.4	3.812	99.5	1.6	0.7	0.4
640	3/7/2014 3:01:03	12.24	46.33	30.01	8.89	8.04	8.7	3.874	100.1	2.0	0.8	0.5
641	3/7/2014 3:16:04	12.21	46.32	30.01	8.91	8.04	7.5	3.908	100.3	1.7	0.7	0.4
642	3/7/2014 3:31:04	12.21	46.32	30.01	8.74	8.03	6.4	3.945	98.3	1.8	0.8	0.4
643	3/7/2014 3:46:04	12.42	46.34	30.03	7.92	7.95	4.3	3.974	89.5	2.2	0.9	0.5
644	3/7/2014 4:01:04	12.59	46.54	30.18	7.02	7.92	4.0	3.991	79.7	1.9	0.8	0.5
645	3/7/2014 4:16:04	12.71	46.64	30.25	7.86	7.95	4.8	3.959	89.6	2.4	1.0	0.6
646	3/7/2014 4:31:04	12.46	46.55	30.18	8.27	7.99	6.1	3.945	93.6	2.0	0.8	0.5
647	3/7/2014 4:46:04	12.50	46.57	30.20	8.22	7.98	5.4	3.905	93.2	1.7	0.7	0.4
648	3/7/2014 5:01:04	12.47	46.57	30.20	8.36	7.99	7.3	3.834	94.7	2.0	0.8	0.5
649	3/7/2014 5:16:04	12.46	46.51	30.15	8.39	8.00	6.5	3.744	95.0	2.3	1.0	0.5
650	3/7/2014 5:31:04	12.55	46.54	30.18	8.24	7.98	7.0	3.666	93.4	2.0	0.8	0.5
651	3/7/2014 5:46:04	12.57	46.57	30.20	8.20	7.98	6.5	3.594	93.1	2.4	1.0	0.6
652	3/7/2014 6:01:04	12.48	46.47	30.12	8.34	7.99	7.3	3.503	94.5	1.6	0.7	0.4
653	3/7/2014 6:16:04	12.35	46.41	30.07	8.62	8.02	7.9	3.414	97.3	2.4	1.0	0.6
654	3/7/2014 6:31:04	12.37	46.42	30.08	8.55	8.01	7.2	3.316	96.6	1.7	0.7	0.4
655	3/7/2014 6:46:04	12.40	46.44	30.10	8.43	8.00	6.6	3.230	95.3	1.4	0.6	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
656	3/7/2014 7:01:04	12.62	46.46	30.12	8.02	7.96	5.3	3.127	91.1	1.4	0.6	0.3
657	3/7/2014 7:16:04	12.69	46.45	30.11	7.81	7.93	5.3	3.035	88.9	1.4	0.6	0.3
658	3/7/2014 7:31:04	12.81	46.40	30.09	7.74	7.93	4.9	2.932	88.3	1.3	0.5	0.3
659	3/7/2014 7:46:03	12.90	46.34	30.05	7.86	7.93	6.1	2.852	89.8	2.4	1.0	0.6
660	3/7/2014 8:01:03	12.87	46.29	30.01	7.97	7.94	5.2	2.758	91.0	1.2	0.5	0.3
661	3/7/2014 8:16:03	12.82	46.33	30.04	8.13	7.95	4.4	2.663	92.7	1.3	0.5	0.3
662	3/7/2014 8:31:03	12.89	46.17	29.92	8.22	7.95	4.8	2.552	93.8	1.6	0.7	0.4
663	3/7/2014 8:46:04	13.00	46.06	29.85	8.09	7.95	5.1	2.472	92.5	2.0	0.8	0.5
664	3/7/2014 9:01:04	13.14	45.97	29.79	8.08	7.94	4.7	2.376	92.6	2.2	0.9	0.5
665	3/7/2014 9:16:03	13.22	45.95	29.78	8.30	7.94	4.3	2.300	95.3	1.6	0.7	0.4
666	3/7/2014 9:31:04	13.30	45.93	29.76	8.14	7.94	4.1	2.212	93.5	1.9	0.8	0.4
667	3/7/2014 9:46:03	13.43	45.86	29.72	8.09	7.93	3.9	2.151	93.3	1.5	0.6	0.4
668	3/7/2014 10:01:03	13.54	45.82	29.69	8.01	7.92	4.1	2.106	92.5	1.8	0.8	0.4
669	3/7/2014 10:16:03	13.60	45.78	29.66	7.91	7.91	3.8	2.067	91.4	0.6	0.3	0.1
670	3/7/2014 10:31:03	13.67	45.77	29.66	7.80	7.90	3.4	2.061	90.3	1.3	0.5	0.3
671	3/7/2014 10:46:03	13.56	45.76	29.65	7.96	7.91	3.3	2.054	92.0	1.3	0.5	0.3
672	3/7/2014 11:01:04	13.53	45.80	29.68	7.83	7.90	3.6	2.095	90.4	1.8	0.8	0.4
673	3/7/2014 11:16:03	13.52	45.80	29.68	7.74	7.89	4.0	2.111	89.3	1.4	0.6	0.3
674	3/7/2014 11:31:03	13.58	45.79	29.67	7.71	7.89	3.9	2.153	89.1	1.4	0.6	0.3
675	3/7/2014 11:46:03	13.57	45.71	29.62	7.74	7.89	4.3	2.226	89.4	1.4	0.6	0.3
676	3/7/2014 12:01:04	13.51	45.73	29.63	7.72	7.89	3.9	2.284	89.0	1.9	0.8	0.4
677	3/7/2014 12:16:03	13.57	45.07	29.16	7.82	7.90	5.0	2.337	90.1	1.7	0.7	0.4
678	3/7/2014 12:31:03	13.48	45.03	29.12	7.84	7.90	4.6	2.400	90.2	2.1	0.9	0.5
679	3/7/2014 12:46:03	13.47	45.26	29.29	7.79	7.90	4.2	2.464	89.6	1.3	0.5	0.3
680	3/7/2014 13:01:04	13.51	45.34	29.35	7.78	7.90	4.0	2.523	89.5	1.9	0.8	0.4
681	3/7/2014 13:16:04	13.34	45.63	29.55	7.70	7.90	3.9	2.578	88.4	1.6	0.7	0.4
682	3/7/2014 13:31:04	13.18	45.87	29.71	7.76	7.91	3.9	2.641	88.9	1.6	0.7	0.4
683	3/7/2014 13:46:04	13.11	46.02	29.82	7.79	7.92	4.2	2.711	89.3	1.5	0.6	0.4
684	3/7/2014 14:01:03	13.15	46.21	29.96	7.92	7.93	4.0	2.774	90.8	1.6	0.7	0.4
685	3/7/2014 14:16:04	13.17	46.31	30.03	7.95	7.93	4.2	2.822	91.3	1.7	0.7	0.4
686	3/7/2014 14:31:03	13.17	46.38	30.08	7.95	7.94	4.1	2.889	91.4	1.9	0.8	0.4
687	3/7/2014 14:46:03	13.15	46.39	30.09	8.00	7.94	4.3	2.954	91.8	1.4	0.6	0.3
688	3/7/2014 15:01:04	13.20	46.40	30.10	8.00	7.94	4.6	3.009	92.0	2.1	0.9	0.5
689	3/7/2014 15:16:04	13.24	46.40	30.10	7.99	7.94	4.2	3.068	92.0	1.5	0.6	0.4
690	3/7/2014 15:31:04	13.27	46.39	30.09	8.03	7.95	4.0	3.134	92.5	1.8	0.8	0.4
691	3/7/2014 15:46:03	13.13	46.37	30.07	8.07	7.95	4.1	3.185	92.6	1.6	0.7	0.4
692	3/7/2014 16:01:03	13.05	46.36	30.06	8.11	7.95	3.9	3.226	92.9	1.3	0.5	0.3
693	3/7/2014 16:16:04	13.00	46.37	30.07	8.11	7.96	3.6	3.269	92.8	1.6	0.7	0.4
694	3/7/2014 16:31:04	12.98	46.35	30.05	8.12	7.96	3.7	3.323	92.8	1.6	0.7	0.4
695	3/7/2014 16:46:04	12.97	46.36	30.06	8.10	7.96	3.1	3.344	92.6	1.7	0.7	0.4
696	3/7/2014 17:01:04	13.00	46.34	30.05	7.86	7.95	2.8	3.352	89.9	1.2	0.5	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
697	3/7/2014 17:16:03	13.31	46.34	30.06	7.96	7.95	3.8	3.363	91.7	1.9	0.8	0.5
698	3/7/2014 17:31:04	13.04	46.37	30.07	7.98	7.95	3.5	3.365	91.4	1.3	0.5	0.3
699	3/7/2014 17:46:04	13.02	46.33	30.04	7.98	7.95	3.6	3.352	91.4	1.5	0.6	0.4
700	3/7/2014 18:01:03	12.99	46.36	30.06	8.00	7.95	3.7	3.309	91.6	1.4	0.6	0.3
701	3/7/2014 18:16:04	13.02	46.35	30.06	8.03	7.95	4.5	3.273	92.0	1.3	0.5	0.3
702	3/7/2014 18:31:04	13.06	46.37	30.07	7.99	7.95	4.4	3.247	91.6	2.0	0.8	0.5
703	3/7/2014 18:46:03	13.97	46.29	30.04	8.18	7.98	5.1	3.190	95.5	2.1	0.9	0.5
704	3/7/2014 19:01:03	13.41	46.37	30.08	7.94	7.94	4.9	3.128	91.7	2.0	0.8	0.5
705	3/7/2014 19:16:03	13.38	46.33	30.06	7.87	7.94	5.3	3.077	90.7	2.2	0.9	0.5
706	3/7/2014 19:31:04	13.52	46.29	30.03	8.05	7.95	4.3	3.026	93.1	1.9	0.8	0.5
707	3/7/2014 19:46:04	13.56	46.27	30.02	8.02	7.95	4.7	2.973	92.8	1.4	0.6	0.3
708	3/7/2014 20:01:04	13.66	46.22	29.98	7.97	7.94	4.1	2.926	92.4	1.6	0.7	0.4
709	3/7/2014 20:16:03	13.75	46.13	29.92	7.89	7.93	4.2	2.879	91.7	1.5	0.6	0.4
710	3/7/2014 20:31:03	13.72	46.14	29.92	7.90	7.93	4.0	2.842	91.7	2.0	0.8	0.5
711	3/7/2014 20:46:03	13.72	46.10	29.90	7.82	7.93	4.0	2.806	90.7	1.8	0.8	0.4
712	3/7/2014 21:01:03	13.67	45.94	29.78	7.82	7.92	4.0	2.752	90.6	2.1	0.9	0.5
713	3/7/2014 21:16:03	13.56	45.92	29.77	7.74	7.92	3.7	2.735	89.5	1.8	0.8	0.4
714	3/7/2014 21:31:03	13.60	45.76	29.65	7.78	7.92	3.9	2.692	90.0	1.8	0.8	0.4
715	3/7/2014 21:46:04	13.63	45.73	29.63	7.69	7.91	3.6	2.673	88.9	1.8	0.8	0.4
716	3/7/2014 22:01:03	13.61	45.79	29.68	7.47	7.90	3.3	2.667	86.3	1.3	0.5	0.3
717	3/7/2014 22:16:03	13.53	46.03	29.84	7.75	7.91	4.3	2.653	89.6	1.9	0.8	0.4
718	3/7/2014 22:31:03	13.57	45.73	29.63	7.83	7.92	2.9	2.666	90.5	1.7	0.7	0.4
719	3/7/2014 22:46:03	13.58	45.68	29.59	7.91	7.92	3.0	2.672	91.4	2.1	0.9	0.5
720	3/7/2014 23:01:03	13.57	45.86	29.72	7.88	7.92	3.7	2.705	91.0	1.8	0.8	0.4
721	3/7/2014 23:16:04	13.62	46.02	29.84	7.83	7.92	3.6	2.729	90.6	1.7	0.7	0.4
722	3/7/2014 23:31:04	13.54	46.02	29.84	7.90	7.93	3.9	2.776	91.3	1.1	0.5	0.3
723	3/7/2014 23:46:04	13.53	45.98	29.80	8.03	7.94	3.7	2.821	92.8	2.0	0.8	0.5
724	3/8/2014 0:01:04	13.52	45.88	29.73	8.10	7.95	3.8	2.877	93.6	2.0	0.8	0.5
725	3/8/2014 0:16:04	13.47	46.10	29.89	8.02	7.94	3.9	2.934	92.7	1.9	0.8	0.4
726	3/8/2014 0:31:04	13.44	46.13	29.92	8.03	7.95	4.2	2.988	92.7	1.7	0.7	0.4
727	3/8/2014 0:46:04	13.39	46.17	29.94	8.05	7.95	3.7	3.048	92.9	1.7	0.7	0.4
728	3/8/2014 1:01:04	13.22	46.26	30.00	8.12	7.96	4.0	3.104	93.4	1.5	0.6	0.3
729	3/8/2014 1:16:04	13.08	46.28	30.01	8.14	7.96	4.2	3.166	93.3	1.8	0.8	0.4
730	3/8/2014 1:31:04	13.01	46.34	30.05	8.18	7.97	4.2	3.222	93.6	1.4	0.6	0.3
731	3/8/2014 1:46:04	12.98	46.35	30.05	8.19	7.97	4.8	3.295	93.7	2.0	0.8	0.5
732	3/8/2014 2:01:04	12.90	46.38	30.07	8.21	7.97	4.5	3.351	93.8	1.4	0.6	0.3
733	3/8/2014 2:16:04	12.85	46.32	30.03	8.26	7.98	4.3	3.418	94.3	2.2	0.9	0.5
734	3/8/2014 2:31:04	12.79	46.31	30.02	8.32	7.98	4.8	3.486	94.8	1.7	0.7	0.4
735	3/8/2014 2:46:04	12.73	46.28	29.99	8.35	7.99	5.1	3.554	95.0	1.8	0.8	0.4
736	3/8/2014 3:01:04	12.64	46.35	30.04	8.49	8.00	5.8	3.610	96.4	1.7	0.7	0.4
737	3/8/2014 3:16:04	12.58	46.40	30.08	8.53	8.01	5.7	3.670	96.8	1.7	0.7	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
738	3/8/2014 3:31:04	12.53	46.43	30.09	8.58	8.01	5.7	3.719	97.2	2.4	1.0	0.6
739	3/8/2014 3:46:04	12.43	46.44	30.10	8.69	8.03	5.7	3.767	98.3	1.4	0.6	0.3
740	3/8/2014 4:01:03	12.38	46.45	30.11	8.70	8.03	9.3	3.801	98.4	2.0	0.8	0.5
741	3/8/2014 4:16:04	12.36	46.45	30.10	8.70	8.03	5.0	3.833	98.3	1.9	0.8	0.5
742	3/8/2014 4:31:04	12.35	46.44	30.10	8.55	8.03	3.6	3.859	96.5	1.7	0.7	0.4
743	3/8/2014 4:46:04	12.50	46.35	30.04	8.02	7.96	4.3	3.858	90.8	1.8	0.8	0.4
744	3/8/2014 5:01:04	12.63	46.36	30.05	7.84	7.94	4.2	3.860	89.1	1.6	0.7	0.4
745	3/8/2014 5:16:04	12.57	46.38	30.06	8.26	7.99	4.8	3.830	93.7	1.9	0.8	0.4
746	3/8/2014 5:31:04	12.41	46.43	30.09	8.56	8.02	5.5	3.793	96.8	1.7	0.7	0.4
747	3/8/2014 5:46:04	12.41	46.43	30.09	8.57	8.02	5.7	3.745	96.9	1.3	0.5	0.3
748	3/8/2014 6:01:04	12.59	46.38	30.06	8.24	7.98	6.0	3.687	93.6	2.0	0.8	0.5
749	3/8/2014 6:16:04	12.59	46.37	30.05	8.24	7.98	6.3	3.612	93.5	1.3	0.5	0.3
750	3/8/2014 6:31:04	12.69	46.36	30.06	8.01	7.96	6.2	3.537	91.1	2.0	0.8	0.5
751	3/8/2014 6:46:04	12.73	46.34	30.04	7.88	7.94	4.8	3.465	89.6	2.2	0.9	0.5
752	3/8/2014 7:01:04	12.69	46.30	30.01	7.99	7.96	4.8	3.386	90.9	1.7	0.7	0.4
753	3/8/2014 7:16:04	12.73	46.24	29.97	7.98	7.95	5.3	3.300	90.8	1.7	0.7	0.4
754	3/8/2014 7:31:04	12.75	46.24	29.97	7.95	7.95	5.8	3.220	90.4	1.8	0.8	0.4
755	3/8/2014 7:46:03	12.78	46.26	29.98	7.94	7.95	5.0	3.137	90.5	1.4	0.6	0.3
756	3/8/2014 8:01:03	12.90	46.19	29.93	7.71	7.92	4.5	3.054	88.0	1.3	0.5	0.3
757	3/8/2014 8:16:04	12.97	46.15	29.91	7.60	7.89	4.3	2.966	86.8	1.7	0.7	0.4
758	3/8/2014 8:31:04	12.98	46.20	29.95	7.67	7.91	5.1	2.875	87.7	1.5	0.6	0.4
759	3/8/2014 8:46:04	13.09	46.03	29.83	7.77	7.92	4.5	2.781	88.9	1.2	0.5	0.3
760	3/8/2014 9:01:04	13.15	46.00	29.81	7.88	7.93	4.2	2.689	90.3	1.4	0.6	0.3
761	3/8/2014 9:16:04	13.15	46.06	29.85	8.18	7.96	4.5	2.616	93.8	1.6	0.7	0.4
762	3/8/2014 9:31:04	13.32	45.89	29.73	8.29	7.96	4.3	2.531	95.4	1.6	0.7	0.4
763	3/8/2014 9:46:04	13.46	45.74	29.63	8.22	7.95	3.7	2.429	94.8	1.9	0.8	0.4
764	3/8/2014 10:01:03	13.53	45.76	29.65	8.15	7.95	3.6	2.367	94.0	1.4	0.6	0.3
765	3/8/2014 10:16:04	13.67	45.72	29.62	8.14	7.94	2.9	2.282	94.2	1.4	0.6	0.3
766	3/8/2014 10:31:04	13.83	45.74	29.64	8.46	7.97	3.2	2.213	98.3	1.1	0.5	0.3
767	3/8/2014 10:46:03	13.94	45.69	29.61	8.45	7.97	3.1	2.167	98.4	1.2	0.5	0.3
768	3/8/2014 11:01:03	14.04	45.66	29.59	8.52	7.97	2.8	2.116	99.4	1.5	0.6	0.4
769	3/8/2014 11:16:03	14.08	45.69	29.62	8.29	7.96	2.6	2.083	96.7	1.1	0.5	0.3
770	3/8/2014 11:31:03	14.07	45.69	29.61	8.41	7.96	2.7	2.070	98.1	1.5	0.6	0.3
771	3/8/2014 11:46:04	13.95	45.70	29.62	8.36	7.95	2.9	2.065	97.3	1.5	0.6	0.4
772	3/8/2014 12:01:04	13.85	45.67	29.60	8.11	7.93	3.1	2.088	94.2	1.4	0.6	0.3
773	3/8/2014 12:16:03	13.79	45.66	29.59	7.94	7.92	3.1	2.106	92.1	1.5	0.6	0.4
774	3/8/2014 12:31:03	13.78	45.65	29.58	7.93	7.91	3.0	2.141	92.0	1.9	0.8	0.4
775	3/8/2014 12:46:03	13.77	45.63	29.56	7.86	7.91	3.2	2.203	91.2	1.7	0.7	0.4
776	3/8/2014 13:01:03	13.87	44.61	28.83	8.04	7.92	5.0	2.243	93.0	2.0	0.8	0.5
777	3/8/2014 13:16:03	13.80	44.53	28.78	8.02	7.92	4.8	2.284	92.6	2.1	0.9	0.5
778	3/8/2014 13:31:03	13.69	45.23	29.27	7.79	7.90	3.5	2.343	90.0	1.9	0.8	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
779	3/8/2014 13:46:04	13.68	45.12	29.19	7.81	7.90	4.2	2.398	90.1	1.6	0.7	0.4
780	3/8/2014 14:01:04	13.70	45.05	29.14	7.88	7.91	3.8	2.444	91.0	2.0	0.8	0.5
781	3/8/2014 14:16:03	13.71	45.03	29.13	7.90	7.91	4.2	2.495	91.2	2.0	0.8	0.5
782	3/8/2014 14:31:03	13.64	45.13	29.20	7.86	7.91	3.4	2.550	90.7	1.9	0.8	0.5
783	3/8/2014 14:46:03	13.49	45.49	29.45	7.78	7.90	3.5	2.609	89.6	2.0	0.8	0.5
784	3/8/2014 15:01:04	13.28	45.82	29.68	7.76	7.91	3.2	2.671	89.1	1.0	0.4	0.2
785	3/8/2014 15:16:04	13.22	45.96	29.78	7.75	7.92	3.5	2.724	89.0	1.5	0.6	0.4
786	3/8/2014 15:31:03	13.23	46.07	29.86	7.81	7.92	3.6	2.784	89.7	1.4	0.6	0.3
787	3/8/2014 15:46:04	13.24	46.13	29.91	7.86	7.92	3.4	2.846	90.3	1.9	0.8	0.4
788	3/8/2014 16:01:04	13.24	46.18	29.94	7.84	7.92	3.4	2.903	90.2	1.7	0.7	0.4
789	3/8/2014 16:16:03	13.23	46.19	29.95	7.83	7.92	3.6	2.952	89.9	1.8	0.8	0.4
790	3/8/2014 16:31:04	13.20	46.17	29.94	7.89	7.93	3.6	3.009	90.6	2.0	0.8	0.5
791	3/8/2014 16:46:03	13.18	46.14	29.91	7.93	7.93	3.6	3.057	91.0	2.3	1.0	0.6
792	3/8/2014 17:01:03	13.19	46.13	29.90	7.95	7.93	3.7	3.107	91.3	2.0	0.8	0.5
793	3/8/2014 17:16:03	13.11	46.10	29.88	8.00	7.94	3.6	3.146	91.7	1.8	0.8	0.4
794	3/8/2014 17:31:03	13.04	46.13	29.90	8.01	7.94	3.9	3.201	91.6	1.6	0.7	0.4
795	3/8/2014 17:46:04	13.01	46.16	29.92	8.02	7.95	3.8	3.241	91.7	1.6	0.7	0.4
796	3/8/2014 18:01:03	13.00	46.17	29.93	7.97	7.94	3.4	3.259	91.1	1.4	0.6	0.3
797	3/8/2014 18:16:04	12.99	46.18	29.93	7.90	7.94	3.5	3.294	90.3	2.4	1.0	0.6
798	3/8/2014 18:31:04	13.03	46.13	29.90	7.75	7.94	2.9	3.314	88.7	1.8	0.8	0.4
799	3/8/2014 18:46:04	13.13	46.13	29.90	7.72	7.93	3.9	3.322	88.5	2.5	1.1	0.6
800	3/8/2014 19:01:04	13.13	46.10	29.88	7.55	7.93	3.3	3.316	86.6	1.7	0.7	0.4
801	3/8/2014 19:16:04	13.10	46.06	29.85	7.74	7.95	3.3	3.300	88.7	1.9	0.8	0.5
802	3/8/2014 19:31:04	12.99	46.14	29.90	7.88	7.94	3.7	3.286	90.1	1.9	0.8	0.4
803	3/8/2014 19:46:04	13.19	45.98	29.80	8.15	7.97	3.8	3.236	93.5	2.5	1.1	0.6
804	3/8/2014 20:01:03	13.05	46.06	29.85	8.00	7.95	3.9	3.196	91.6	1.8	0.8	0.4
805	3/8/2014 20:16:04	13.10	46.02	29.82	7.92	7.93	3.7	3.156	90.7	1.7	0.7	0.4
806	3/8/2014 20:31:04	13.10	46.01	29.81	7.90	7.93	4.7	3.102	90.4	1.9	0.8	0.4
807	3/8/2014 20:46:03	13.14	46.01	29.81	7.85	7.92	4.1	3.055	90.0	1.8	0.8	0.4
808	3/8/2014 21:01:03	13.24	45.92	29.76	7.82	7.92	4.0	2.999	89.8	1.6	0.7	0.4
809	3/8/2014 21:16:04	13.26	45.90	29.74	7.78	7.91	4.8	2.951	89.4	2.0	0.8	0.5
810	3/8/2014 21:31:04	13.32	45.87	29.72	7.71	7.90	4.4	2.916	88.7	2.1	0.9	0.5
811	3/8/2014 21:46:04	13.30	45.93	29.76	7.70	7.91	5.4	2.884	88.6	2.0	0.8	0.5
812	3/8/2014 22:01:03	13.33	45.83	29.69	7.70	7.90	4.9	2.851	88.6	2.3	1.0	0.5
813	3/8/2014 22:16:04	13.33	45.82	29.69	7.80	7.91	5.6	2.830	89.7	2.6	1.1	0.6
814	3/8/2014 22:31:04	13.35	45.80	29.67	7.54	7.90	5.9	2.806	86.7	1.7	0.7	0.4
815	3/8/2014 22:46:04	13.37	45.78	29.66	7.43	7.90	4.3	2.803	85.5	2.5	1.1	0.6
816	3/8/2014 23:01:03	13.37	45.74	29.63	7.30	7.88	3.7	2.776	84.0	2.3	1.0	0.5
817	3/8/2014 23:16:04	13.34	45.78	29.66	7.71	7.90	3.5	2.780	88.7	1.9	0.8	0.5
818	3/8/2014 23:31:04	13.32	45.78	29.66	7.84	7.92	3.7	2.785	90.1	2.0	0.8	0.5
819	3/8/2014 23:46:03	13.29	45.79	29.66	7.86	7.91	4.0	2.798	90.3	2.1	0.9	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
820	3/9/2014 0:01:04	13.23	45.89	29.73	7.80	7.91	4.7	2.801	89.5	2.3	1.0	0.5
821	3/9/2014 0:16:04	13.20	45.91	29.75	7.82	7.91	4.1	2.827	89.7	1.6	0.7	0.4
822	3/9/2014 0:31:03	13.16	45.94	29.76	7.83	7.92	4.2	2.859	89.7	2.5	1.1	0.6
823	3/9/2014 0:46:04	13.11	45.92	29.75	7.93	7.93	4.0	2.878	90.8	1.4	0.6	0.3
824	3/9/2014 1:01:04	13.10	45.97	29.78	7.91	7.93	4.5	2.926	90.6	1.4	0.6	0.3
825	3/9/2014 1:16:03	13.11	45.96	29.78	7.89	7.93	4.0	2.965	90.4	1.7	0.7	0.4
826	3/9/2014 1:31:04	13.10	45.99	29.80	7.93	7.93	4.0	3.005	90.8	2.0	0.8	0.5
827	3/9/2014 1:46:03	13.07	46.02	29.82	7.94	7.94	3.9	3.061	90.8	1.5	0.6	0.4
828	3/9/2014 3:01:04	12.99	46.12	29.89	7.98	7.95	3.8	3.107	91.3	1.9	0.8	0.5
829	3/9/2014 3:16:04	12.91	46.19	29.94	8.05	7.96	4.0	3.160	92.0	1.5	0.6	0.4
830	3/9/2014 3:31:04	12.87	46.23	29.97	8.11	7.96	4.0	3.219	92.5	1.8	0.8	0.4
831	3/9/2014 3:46:04	12.84	46.27	30.00	8.14	7.97	3.6	3.280	92.8	1.5	0.6	0.3
832	3/9/2014 4:01:04	12.81	46.30	30.01	8.15	7.97	3.8	3.338	92.9	1.6	0.7	0.4
833	3/9/2014 4:16:04	12.77	46.37	30.06	8.18	7.97	3.8	3.403	93.1	1.6	0.7	0.4
834	3/9/2014 4:31:04	12.71	46.43	30.10	8.25	7.98	3.7	3.454	93.9	1.4	0.6	0.3
835	3/9/2014 4:46:04	12.66	46.51	30.16	8.30	7.99	3.9	3.512	94.4	1.3	0.5	0.3
836	3/9/2014 5:01:04	12.53	46.76	30.33	8.40	8.01	4.2	3.549	95.4	1.5	0.6	0.4
837	3/9/2014 5:16:04	12.49	46.82	30.37	8.41	8.01	3.6	3.599	95.4	1.8	0.8	0.4
838	3/9/2014 5:31:04	12.50	46.70	30.29	8.45	8.01	3.9	3.649	95.9	1.7	0.7	0.4
839	3/9/2014 5:46:04	12.46	46.70	30.29	8.48	8.02	3.7	3.686	96.2	1.9	0.8	0.4
840	3/9/2014 6:01:04	12.43	46.76	30.33	8.44	8.02	3.2	3.718	95.6	1.6	0.7	0.4
841	3/9/2014 6:16:04	12.42	46.80	30.36	8.29	8.02	2.6	3.747	93.9	1.3	0.5	0.3
842	3/9/2014 6:31:04	12.53	46.74	30.32	8.20	8.00	3.1	3.738	93.2	1.5	0.6	0.4
843	3/9/2014 6:46:04	12.43	46.85	30.40	8.35	8.02	3.9	3.751	94.7	1.3	0.5	0.3
844	3/9/2014 7:01:04	12.45	46.83	30.38	8.37	8.01	3.9	3.754	94.9	0.8	0.3	0.2
845	3/9/2014 7:16:04	12.46	46.83	30.38	8.33	8.01	4.2	3.718	94.4	1.9	0.8	0.5
846	3/9/2014 7:31:04	12.48	46.81	30.37	8.34	8.01	4.0	3.690	94.7	0.9	0.4	0.2
847	3/9/2014 7:46:04	12.57	46.66	30.27	8.23	8.00	4.3	3.658	93.5	1.5	0.6	0.3
848	3/9/2014 8:01:04	12.75	46.26	29.98	8.03	7.96	4.5	3.605	91.4	1.8	0.8	0.4
849	3/9/2014 8:16:04	12.84	46.12	29.88	8.00	7.95	5.4	3.546	91.2	1.7	0.7	0.4
850	3/9/2014 8:31:04	12.78	46.23	29.96	8.08	7.96	4.1	3.492	92.0	1.5	0.6	0.4
851	3/9/2014 8:46:04	12.83	46.18	29.93	8.01	7.95	4.2	3.430	91.3	0.9	0.4	0.2
852	3/9/2014 9:01:04	12.91	46.11	29.88	7.97	7.94	4.9	3.352	91.0	1.7	0.7	0.4
853	3/9/2014 9:16:04	12.94	46.06	29.85	7.87	7.93	4.4	3.302	89.8	1.0	0.4	0.2
854	3/9/2014 9:31:04	13.02	45.98	29.79	7.86	7.92	4.7	3.232	89.9	1.3	0.5	0.3
855	3/9/2014 9:46:04	13.06	45.90	29.74	7.82	7.92	5.4	3.153	89.4	1.9	0.8	0.4
856	3/9/2014 10:01:04	13.06	45.85	29.70	7.83	7.91	5.0	3.083	89.5	1.7	0.7	0.4
857	3/9/2014 10:16:04	13.12	45.70	29.59	7.87	7.92	5.3	2.994	90.1	2.3	1.0	0.6
858	3/9/2014 10:31:04	13.14	45.65	29.56	7.87	7.92	6.8	2.926	90.0	1.6	0.7	0.4
859	3/9/2014 10:46:04	13.07	45.78	29.65	7.91	7.92	4.6	2.839	90.5	1.4	0.6	0.3
860	3/9/2014 11:01:04	13.10	45.69	29.58	7.99	7.93	4.2	2.773	91.4	1.8	0.8	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
861	3/9/2014 11:16:04	13.18	45.49	29.45	8.01	7.93	4.0	2.702	91.7	1.7	0.7	0.4
862	3/9/2014 11:31:04	13.26	45.34	29.34	8.09	7.93	4.0	2.591	92.6	2.3	1.0	0.6
863	3/9/2014 11:46:04	13.32	45.23	29.26	8.12	7.94	4.5	2.507	93.1	1.9	0.8	0.4
864	3/9/2014 12:01:04	13.45	45.07	29.15	8.15	7.93	4.0	2.416	93.6	1.5	0.6	0.3
865	3/9/2014 12:16:04	13.57	45.01	29.11	8.14	7.93	4.3	2.324	93.7	1.3	0.5	0.3
866	3/9/2014 12:31:04	13.71	44.95	29.07	8.05	7.93	4.0	2.296	92.9	1.1	0.5	0.2
867	3/9/2014 12:46:04	13.74	44.94	29.06	8.09	7.93	4.5	2.233	93.5	1.2	0.5	0.3
868	3/9/2014 13:01:04	13.79	44.97	29.09	7.88	7.91	3.7	2.172	91.2	1.5	0.6	0.4
869	3/9/2014 13:16:04	13.81	44.99	29.10	7.83	7.91	3.9	2.104	90.6	3.0	1.3	0.7
870	3/9/2014 13:31:04	13.86	45.01	29.12	7.43	7.90	3.9	2.112	86.0	1.3	0.5	0.3
871	3/9/2014 13:46:04	13.74	44.92	29.05	7.91	7.91	3.6	2.089	91.3	1.6	0.7	0.4
872	3/9/2014 14:01:04	13.75	45.06	29.15	7.74	7.90	3.1	2.077	89.4	2.0	0.8	0.5
873	3/9/2014 14:16:04	13.71	45.12	29.19	7.74	7.89	2.9	2.092	89.4	1.7	0.7	0.4
874	3/9/2014 14:31:04	13.62	45.04	29.13	7.84	7.90	4.1	2.120	90.3	1.6	0.7	0.4
875	3/9/2014 14:46:04	13.62	45.02	29.12	7.80	7.90	3.9	2.183	90.0	1.7	0.7	0.4
876	3/9/2014 15:01:04	13.59	45.03	29.13	7.80	7.90	3.9	2.206	89.9	1.3	0.5	0.3
877	3/9/2014 15:16:04	13.60	44.61	28.83	7.84	7.90	4.3	2.266	90.2	2.0	0.8	0.5
878	3/9/2014 15:31:04	13.56	44.73	28.91	7.81	7.90	3.9	2.293	89.8	2.0	0.8	0.5
879	3/9/2014 15:46:04	13.54	44.67	28.86	7.82	7.89	4.3	2.376	89.9	1.2	0.5	0.3
880	3/9/2014 16:01:04	13.52	44.59	28.80	7.79	7.89	4.6	2.426	89.4	1.9	0.8	0.4
881	3/9/2014 16:16:04	13.50	44.70	28.89	7.77	7.89	4.2	2.484	89.2	1.6	0.7	0.4
882	3/9/2014 16:31:04	13.48	44.68	28.87	7.79	7.89	3.9	2.521	89.4	1.6	0.7	0.4
883	3/9/2014 16:46:04	13.45	44.91	29.03	7.74	7.89	3.7	2.572	88.9	1.2	0.5	0.3
884	3/9/2014 17:01:04	13.36	44.97	29.07	7.76	7.90	3.7	2.649	88.9	1.3	0.5	0.3
885	3/9/2014 17:16:04	13.32	44.99	29.09	7.78	7.90	3.9	2.708	89.1	1.4	0.6	0.3
886	3/9/2014 17:31:04	13.30	44.93	29.05	7.81	7.90	4.4	2.745	89.4	1.7	0.7	0.4
887	3/9/2014 17:46:04	13.27	45.01	29.10	7.79	7.90	4.2	2.809	89.2	2.1	0.9	0.5
888	3/9/2014 18:01:04	13.25	45.33	29.33	7.83	7.91	3.8	2.872	89.7	1.5	0.6	0.4
889	3/9/2014 18:16:04	13.21	45.54	29.48	7.76	7.90	3.9	2.929	88.9	1.8	0.8	0.4
890	3/9/2014 18:31:04	13.25	45.45	29.41	7.79	7.90	4.4	2.991	89.2	2.1	0.9	0.5
891	3/9/2014 18:46:04	13.29	45.61	29.53	7.78	7.90	4.3	3.044	89.3	1.4	0.6	0.3
892	3/9/2014 19:01:04	13.28	45.63	29.54	7.75	7.90	4.9	3.074	88.9	1.3	0.5	0.3
893	3/9/2014 19:16:04	13.20	45.69	29.59	7.79	7.91	4.3	3.148	89.3	1.7	0.7	0.4
894	3/9/2014 19:31:04	13.16	45.59	29.52	7.80	7.91	4.4	3.180	89.3	1.5	0.6	0.4
895	3/9/2014 19:46:04	13.10	45.77	29.64	7.82	7.91	4.4	3.247	89.5	1.7	0.7	0.4
896	3/9/2014 20:01:04	12.97	45.89	29.72	7.90	7.93	3.7	3.290	90.1	1.5	0.6	0.4
897	3/9/2014 20:16:04	12.91	45.95	29.77	7.91	7.94	3.7	3.316	90.2	1.9	0.8	0.4
898	3/9/2014 20:31:04	12.94	45.78	29.64	7.81	7.93	3.4	3.350	89.1	1.8	0.8	0.4
899	3/9/2014 20:46:04	12.99	45.80	29.66	7.53	7.92	3.1	3.359	86.0	1.8	0.8	0.4
900	3/9/2014 21:01:04	12.90	45.97	29.78	7.84	7.94	3.9	3.367	89.4	1.6	0.7	0.4
901	3/9/2014 21:16:04	12.89	45.96	29.77	7.85	7.94	3.9	3.353	89.5	1.5	0.6	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
902	3/9/2014 21:31:04	12.96	45.90	29.73	7.77	7.93	4.3	3.335	88.7	1.3	0.5	0.3
903	3/9/2014 21:46:04	13.07	45.74	29.62	7.71	7.92	4.0	3.302	88.1	1.6	0.7	0.4
904	3/9/2014 22:01:04	13.16	45.43	29.40	7.72	7.91	3.5	3.257	88.2	1.9	0.8	0.5
905	3/9/2014 22:16:04	13.26	45.21	29.25	7.66	7.89	4.2	3.230	87.7	2.2	0.9	0.5
906	3/9/2014 22:31:04	13.22	45.15	29.20	7.67	7.90	5.1	3.182	87.8	2.0	0.8	0.5
907	3/9/2014 22:46:04	13.25	45.07	29.14	7.57	7.89	5.6	3.137	86.6	1.5	0.6	0.4
908	3/9/2014 23:01:04	13.28	44.87	29.00	7.58	7.89	5.0	3.105	86.7	1.5	0.6	0.3
909	3/9/2014 23:16:04	13.28	44.65	28.84	7.64	7.88	6.2	3.053	87.3	1.6	0.7	0.4
910	3/9/2014 23:31:04	13.27	44.67	28.86	7.55	7.87	5.7	3.012	86.2	2.0	0.8	0.5
911	3/9/2014 23:46:04	13.36	44.60	28.81	7.58	7.88	5.4	2.973	86.8	2.0	0.8	0.5
912	3/10/2014 0:01:04	13.33	44.62	28.82	7.48	7.88	3.9	2.955	85.5	2.0	0.8	0.5
913	3/10/2014 0:16:04	13.31	44.61	28.82	7.59	7.88	5.2	2.914	86.7	2.3	1.0	0.5
914	3/10/2014 0:31:04	13.29	44.58	28.80	7.55	7.88	5.2	2.883	86.3	2.0	0.8	0.5
915	3/10/2014 0:46:04	13.28	44.35	28.63	7.46	7.87	4.8	2.864	85.1	1.5	0.6	0.4
916	3/10/2014 1:01:04	13.30	44.23	28.55	7.43	7.86	6.2	2.828	84.7	1.8	0.8	0.4
917	3/10/2014 1:16:04	13.32	44.20	28.52	7.45	7.87	4.4	2.831	85.0	1.7	0.7	0.4
918	3/10/2014 1:31:04	13.34	44.14	28.48	7.52	7.87	4.3	2.827	85.8	2.0	0.8	0.5
919	3/10/2014 1:46:04	13.33	44.10	28.45	7.44	7.86	4.1	2.823	84.9	1.8	0.8	0.4
920	3/10/2014 2:01:04	13.29	44.12	28.46	7.61	7.87	5.1	2.818	86.8	2.2	0.9	0.5
921	3/10/2014 2:16:04	13.29	44.41	28.68	7.53	7.87	4.8	2.831	86.0	1.6	0.7	0.4
922	3/10/2014 2:31:04	13.32	44.08	28.44	7.67	7.88	4.3	2.855	87.5	2.0	0.8	0.5
923	3/10/2014 2:46:04	13.30	44.43	28.69	7.62	7.88	4.6	2.885	87.0	1.7	0.7	0.4
924	3/10/2014 3:01:04	13.30	44.74	28.91	7.54	7.88	3.9	2.904	86.3	2.0	0.8	0.5
925	3/10/2014 3:16:04	13.29	44.75	28.92	7.59	7.88	4.4	2.948	86.8	1.5	0.6	0.4
926	3/10/2014 3:31:04	13.28	44.61	28.82	7.63	7.88	4.7	2.986	87.2	1.3	0.5	0.3
927	3/10/2014 3:46:04	13.25	44.87	29.00	7.63	7.88	4.2	3.013	87.2	1.8	0.8	0.4
928	3/10/2014 4:01:04	13.22	44.96	29.07	7.58	7.89	4.4	3.067	86.7	1.7	0.7	0.4
929	3/10/2014 4:16:04	13.15	45.15	29.20	7.65	7.90	4.5	3.109	87.3	2.2	0.9	0.5
930	3/10/2014 4:31:05	13.15	45.07	29.14	7.72	7.90	3.9	3.158	88.1	2.1	0.9	0.5
931	3/10/2014 4:46:05	13.14	45.07	29.14	7.75	7.90	4.0	3.211	88.5	1.4	0.6	0.3
932	3/10/2014 5:01:05	13.12	45.09	29.15	7.74	7.90	4.2	3.256	88.4	1.8	0.8	0.4
933	3/10/2014 5:16:05	13.05	45.06	29.13	7.79	7.91	3.6	3.304	88.7	1.2	0.5	0.3
934	3/10/2014 5:31:05	13.00	45.13	29.18	7.87	7.92	3.8	3.370	89.6	1.9	0.8	0.4
935	3/10/2014 5:46:05	12.93	45.31	29.31	7.89	7.93	4.0	3.426	89.8	1.5	0.6	0.3
936	3/10/2014 6:01:05	12.88	45.48	29.42	7.95	7.94	3.9	3.466	90.4	1.4	0.6	0.3
937	3/10/2014 6:16:05	12.84	45.48	29.42	8.03	7.94	3.7	3.525	91.2	2.0	0.8	0.5
938	3/10/2014 6:31:05	12.79	45.68	29.57	8.05	7.95	3.6	3.569	91.5	2.0	0.8	0.5
939	3/10/2014 6:46:05	12.74	45.69	29.57	8.08	7.96	3.6	3.618	91.7	1.5	0.6	0.4
940	3/10/2014 7:01:05	12.70	45.83	29.67	8.03	7.96	3.7	3.644	91.2	1.7	0.7	0.4
941	3/10/2014 7:16:05	12.66	45.95	29.75	8.09	7.97	3.4	3.683	91.7	1.8	0.8	0.4
942	3/10/2014 7:31:05	12.67	46.00	29.79	7.85	7.96	2.8	3.704	89.0	1.0	0.4	0.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
943	3/10/2014 7:46:05	12.67	46.09	29.86	7.84	7.97	2.8	3.727	89.0	1.2	0.5	0.3
944	3/10/2014 8:01:05	12.63	46.17	29.92	7.94	7.97	4.5	3.717	90.2	1.0	0.4	0.2
945	3/10/2014 8:16:05	12.68	45.97	29.77	8.00	7.97	4.7	3.710	90.7	1.4	0.6	0.3
946	3/10/2014 8:31:05	12.70	45.95	29.75	8.01	7.96	4.9	3.696	90.9	1.4	0.6	0.3
947	3/10/2014 8:46:05	12.71	45.91	29.73	8.00	7.96	7.0	3.653	90.8	1.3	0.5	0.3
948	3/10/2014 9:01:05	12.68	45.44	29.39	8.04	7.94	11.8	3.616	91.0	2.2	0.9	0.5
949	3/10/2014 9:16:05	12.68	45.41	29.37	8.10	7.94	15.0	3.540	91.7	2.1	0.9	0.5
950	3/10/2014 9:31:05	12.68	45.37	29.34	8.22	7.94	15.5	3.492	93.1	2.3	1.0	0.5
951	3/10/2014 9:46:05	12.74	45.41	29.37	8.25	7.94	10.1	3.423	93.5	1.9	0.8	0.5
952	3/10/2014 10:01:05	12.87	45.15	29.19	8.13	7.93	12.3	3.340	92.3	2.2	0.9	0.5
953	3/10/2014 10:16:05	12.90	45.26	29.27	8.28	7.93	14.8	3.262	94.1	2.7	1.1	0.6
954	3/10/2014 10:31:05	12.94	45.20	29.23	8.36	7.94	13.8	3.201	95.1	2.4	1.0	0.6
955	3/10/2014 10:46:05	12.97	45.22	29.25	8.40	7.94	13.7	3.130	95.5	2.4	1.0	0.6
956	3/10/2014 11:01:05	13.08	44.96	29.06	8.35	7.93	15.0	3.052	95.1	2.3	1.0	0.5
957	3/10/2014 11:16:05	13.20	44.82	28.96	8.40	7.92	14.2	2.964	95.9	2.0	0.8	0.5
958	3/10/2014 11:31:05	13.33	44.79	28.95	8.53	7.93	15.8	2.879	97.6	2.0	0.8	0.5
959	3/10/2014 11:46:05	13.42	44.27	28.58	8.24	7.89	14.4	2.798	94.2	2.4	1.0	0.6
960	3/10/2014 12:01:05	13.70	44.37	28.66	8.50	7.94	13.9	2.712	97.9	2.6	1.1	0.6
961	3/10/2014 12:16:05	13.76	43.60	28.11	8.66	7.93	15.0	2.613	99.5	2.6	1.1	0.6
962	3/10/2014 12:31:05	13.88	43.34	27.92	8.58	7.92	17.7	2.521	98.7	2.0	0.8	0.5
963	3/10/2014 12:46:05	14.08	43.50	28.05	8.57	7.95	16.8	2.456	99.1	2.5	1.1	0.6
964	3/10/2014 13:01:05	14.06	43.12	27.77	8.47	7.92	19.2	2.359	97.7	3.0	1.3	0.7
965	3/10/2014 13:16:05	14.38	42.80	27.55	8.66	7.95	18.6	2.266	100.4	2.9	1.2	0.7
966	3/10/2014 13:31:05	14.47	42.24	27.15	8.62	7.96	19.6	2.205	99.9	3.4	1.4	0.8
967	3/10/2014 13:46:05	14.38	41.51	26.63	8.45	7.93	19.8	2.147	97.4	3.3	1.4	0.8
968	3/10/2014 14:01:05	14.16	41.02	26.28	8.34	7.90	18.4	2.075	95.5	3.0	1.3	0.7
969	3/10/2014 14:16:05	14.16	40.66	26.02	8.40	7.91	17.4	2.048	96.1	3.3	1.4	0.8
970	3/10/2014 14:31:05	14.08	40.35	25.80	8.36	7.90	16.7	2.017	95.3	3.2	1.3	0.8
971	3/10/2014 14:46:05	14.06	40.08	25.61	8.06	7.88	14.4	2.028	91.8	3.0	1.3	0.7
972	3/10/2014 15:01:05	14.14	38.72	24.66	8.14	7.86	14.5	2.014	92.2	4.0	1.7	0.9
973	3/10/2014 15:16:05	14.18	38.22	24.31	7.97	7.85	16.2	2.026	90.2	3.9	1.6	0.9
974	3/10/2014 15:31:05	14.30	38.59	24.57	8.41	7.87	18.4	2.073	95.6	3.8	1.6	0.9
975	3/10/2014 15:46:05	14.25	39.08	24.91	8.39	7.87	16.6	2.093	95.4	4.2	1.8	1.0
976	3/10/2014 16:01:05	14.37	37.95	24.12	8.46	7.87	17.8	2.136	96.1	4.8	2.0	1.1
977	3/10/2014 16:16:05	14.40	37.46	23.78	8.49	7.85	19.6	2.184	96.2	5.4	2.3	1.3
978	3/10/2014 16:31:05	14.34	38.51	24.51	8.44	7.86	18.2	2.244	96.0	3.9	1.6	0.9
979	3/10/2014 16:46:05	14.24	38.76	24.68	8.37	7.85	15.9	2.300	95.0	3.7	1.6	0.9
980	3/10/2014 17:01:05	13.99	40.70	26.05	8.05	7.84	11.5	2.353	91.8	2.2	0.9	0.5
981	3/10/2014 17:16:05	14.11	39.59	25.27	8.35	7.85	14.0	2.416	94.9	3.6	1.5	0.9
982	3/10/2014 17:31:05	13.91	40.86	26.16	8.16	7.84	11.8	2.470	92.9	3.2	1.3	0.8
983	3/10/2014 17:46:05	13.74	41.36	26.51	8.00	7.83	11.4	2.541	90.9	2.5	1.1	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
984	3/10/2014 18:01:05	13.63	42.03	26.99	7.98	7.84	10.8	2.601	90.8	2.1	0.9	0.5
985	3/10/2014 18:16:05	13.54	42.86	27.57	7.90	7.84	8.9	2.669	90.0	2.3	1.0	0.6
986	3/10/2014 18:31:05	13.51	42.54	27.35	7.94	7.84	10.0	2.737	90.4	2.3	1.0	0.5
987	3/10/2014 18:46:05	13.45	43.09	27.73	7.89	7.85	9.4	2.809	89.9	2.7	1.1	0.6
988	3/10/2014 19:01:05	13.40	43.93	28.34	7.84	7.86	8.1	2.866	89.5	2.2	0.9	0.5
989	3/10/2014 19:16:05	13.40	43.79	28.24	7.85	7.86	7.7	2.930	89.5	1.8	0.8	0.4
990	3/10/2014 19:31:05	13.33	44.49	28.73	7.82	7.87	6.8	2.984	89.3	1.4	0.6	0.3
991	3/10/2014 19:46:05	13.29	44.69	28.88	7.81	7.87	6.5	3.051	89.2	2.0	0.8	0.5
992	3/10/2014 20:01:05	13.25	44.72	28.90	7.80	7.87	6.1	3.097	89.1	2.0	0.8	0.5
993	3/10/2014 20:16:05	13.25	44.08	28.44	7.85	7.87	7.3	3.151	89.4	2.1	0.9	0.5
994	3/10/2014 20:31:05	13.18	44.63	28.82	7.77	7.88	6.1	3.203	88.5	1.4	0.6	0.3
995	3/10/2014 20:46:05	13.13	44.59	28.80	7.77	7.88	6.5	3.237	88.5	1.4	0.6	0.3
996	3/10/2014 21:01:05	13.10	44.72	28.89	7.78	7.88	5.4	3.275	88.6	1.7	0.7	0.4
997	3/10/2014 21:16:05	13.09	44.65	28.84	7.78	7.88	5.3	3.308	88.6	1.8	0.8	0.4
998	3/10/2014 21:31:05	13.10	44.68	28.86	7.68	7.88	4.0	3.338	87.5	1.6	0.7	0.4
999	3/10/2014 21:46:05	13.16	44.67	28.86	7.41	7.86	4.6	3.358	84.5	2.0	0.8	0.5
1000	3/10/2014 22:01:05	13.11	44.71	28.88	7.50	7.87	6.1	3.356	85.4	1.8	0.8	0.4
1001	3/10/2014 22:16:05	13.09	44.77	28.92	7.62	7.87	5.3	3.353	86.8	2.3	1.0	0.5
1002	3/10/2014 22:31:05	12.77	42.73	27.46	7.96	7.89	24.5	3.343	89.3	3.3	1.4	0.8
1003	3/10/2014 22:46:05	12.92	42.43	27.25	7.93	7.87	17.7	3.310	89.1	3.4	1.4	0.8
1004	3/10/2014 23:01:05	13.00	42.23	27.11	8.01	7.87	17.7	3.270	90.0	3.1	1.3	0.7
1005	3/10/2014 23:16:05	12.83	41.89	26.86	8.08	7.87	16.2	3.232	90.3	3.3	1.4	0.8
1006	3/10/2014 23:31:05	12.83	42.06	26.99	8.08	7.87	13.2	3.186	90.4	2.9	1.2	0.7
1007	3/10/2014 23:46:05	12.76	41.62	26.67	8.16	7.88	17.4	3.128	91.0	3.1	1.3	0.7
1008	3/11/2014 0:01:05	12.95	42.24	27.12	8.12	7.87	13.4	3.075	91.2	2.9	1.2	0.7
1009	3/11/2014 0:16:05	12.88	41.58	26.65	8.10	7.87	13.9	3.040	90.5	3.1	1.3	0.7
1010	3/11/2014 0:31:05	13.18	42.51	27.31	7.99	7.86	12.2	2.970	90.3	2.9	1.2	0.7
1011	3/11/2014 0:46:05	12.93	40.34	25.77	8.18	7.86	15.1	2.919	91.0	3.8	1.6	0.9
1012	3/11/2014 1:01:05	12.85	40.20	25.67	8.16	7.86	14.2	2.884	90.6	3.6	1.5	0.9
1013	3/11/2014 1:16:05	12.91	39.09	24.89	8.14	7.85	15.7	2.840	90.1	4.1	1.7	1.0
1014	3/11/2014 1:31:05	12.87	38.37	24.38	8.20	7.84	17.5	2.791	90.4	4.1	1.7	1.0
1015	3/11/2014 1:46:05	13.23	42.70	27.45	7.85	7.85	7.1	2.744	88.8	2.2	0.9	0.5
1016	3/11/2014 2:01:05	13.25	42.55	27.34	7.70	7.85	7.3	2.720	87.1	2.4	1.0	0.6
1017	3/11/2014 2:16:05	13.12	41.34	26.48	7.51	7.83	10.4	2.699	84.2	2.6	1.1	0.6
1018	3/11/2014 2:31:05	13.05	39.69	25.32	7.99	7.84	15.0	2.673	88.9	3.4	1.4	0.8
1019	3/11/2014 2:46:05	13.09	41.38	26.51	8.02	7.85	11.6	2.667	89.9	3.3	1.4	0.8
1020	3/11/2014 3:01:05	13.22	43.11	27.74	7.77	7.85	7.7	2.661	88.1	3.1	1.3	0.7
1021	3/11/2014 3:16:05	13.14	41.76	26.78	7.96	7.85	10.7	2.671	89.5	2.9	1.2	0.7
1022	3/11/2014 3:31:05	13.15	41.87	26.86	7.89	7.85	9.2	2.686	88.9	2.9	1.2	0.7
1023	3/11/2014 3:46:05	13.11	40.81	26.11	7.99	7.85	11.2	2.714	89.5	2.9	1.2	0.7
1024	3/11/2014 4:01:05	13.19	43.24	27.84	7.78	7.85	7.6	2.730	88.1	2.7	1.1	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
1025	3/11/2014 4:16:05	13.20	42.79	27.52	7.78	7.85	8.5	2.783	88.1	2.7	1.1	0.6
1026	3/11/2014 4:31:05	13.19	42.58	27.37	7.92	7.86	10.0	2.824	89.5	2.4	1.0	0.6
1027	3/11/2014 4:46:05	13.11	42.36	27.20	7.90	7.86	8.9	2.866	89.0	2.5	1.1	0.6
1028	3/11/2014 5:01:05	13.08	42.83	27.54	7.89	7.87	10.1	2.924	89.1	2.7	1.1	0.6
1029	3/11/2014 5:16:05	13.10	42.66	27.42	7.96	7.87	10.7	2.980	89.9	2.8	1.2	0.7
1030	3/11/2014 5:31:05	13.04	42.67	27.43	8.05	7.88	8.9	3.032	90.7	2.6	1.1	0.6
1031	3/11/2014 5:46:05	13.00	43.00	27.66	8.05	7.89	9.0	3.082	90.8	1.5	0.6	0.4
1032	3/11/2014 6:01:05	13.00	42.95	27.62	8.11	7.89	10.6	3.146	91.4	3.0	1.3	0.7
1033	3/11/2014 6:16:05	12.93	43.50	28.01	8.13	7.91	9.4	3.197	91.7	2.7	1.1	0.6
1034	3/11/2014 6:31:05	12.90	43.64	28.11	8.16	7.91	8.0	3.253	92.1	2.6	1.1	0.6
1035	3/11/2014 6:46:05	12.87	43.87	28.27	8.19	7.92	7.8	3.303	92.4	2.4	1.0	0.6
1036	3/11/2014 7:01:05	12.83	44.08	28.42	8.24	7.94	7.1	3.364	93.0	2.3	1.0	0.5
1037	3/11/2014 7:16:05	12.83	44.08	28.42	8.25	7.94	6.8	3.423	93.2	2.1	0.9	0.5
1038	3/11/2014 7:31:05	12.74	44.69	28.86	8.30	7.95	6.4	3.466	93.8	2.3	1.0	0.5
1039	3/11/2014 7:46:05	12.71	44.55	28.76	8.34	7.96	7.1	3.523	94.2	1.9	0.8	0.5
1040	3/11/2014 8:01:05	12.66	44.82	28.95	8.37	7.96	6.7	3.558	94.5	1.9	0.8	0.4
1041	3/11/2014 8:16:05	12.60	45.14	29.17	8.34	7.98	6.1	3.599	94.1	2.3	1.0	0.5
1042	3/11/2014 8:31:05	12.58	45.20	29.22	8.30	7.98	5.3	3.633	93.6	1.9	0.8	0.4
1043	3/11/2014 8:46:05	12.58	45.15	29.18	8.01	7.97	5.0	3.644	90.4	3.1	1.3	0.7
1044	3/11/2014 9:01:05	12.56	45.57	29.48	7.91	7.97	3.7	3.661	89.3	1.6	0.7	0.4
1045	3/11/2014 9:16:05	12.58	45.62	29.52	8.04	7.97	4.3	3.655	90.9	1.8	0.8	0.4
1046	3/11/2014 9:31:05	12.63	45.15	29.18	8.14	7.96	5.7	3.635	91.9	2.3	1.0	0.5
1047	3/11/2014 9:46:05	12.67	45.19	29.21	8.14	7.96	6.4	3.607	92.1	1.6	0.7	0.4
1048	3/11/2014 10:01:05	12.66	44.84	28.96	8.11	7.96	7.6	3.556	91.5	2.0	0.8	0.5
1049	3/11/2014 10:16:05	12.63	44.26	28.54	8.22	7.96	9.0	3.501	92.4	1.8	0.8	0.4
1050	3/11/2014 10:31:05	12.67	43.41	27.94	8.18	7.93	10.6	3.438	91.8	1.9	0.8	0.4
1051	3/11/2014 10:46:05	12.76	43.29	27.86	8.06	7.91	12.3	3.357	90.6	2.7	1.1	0.6
1052	3/11/2014 11:01:05	12.82	42.79	27.50	8.15	7.90	13.0	3.281	91.5	2.6	1.1	0.6
1053	3/11/2014 11:16:05	12.83	43.29	27.86	8.10	7.91	11.9	3.196	91.1	2.4	1.0	0.6
1054	3/11/2014 11:31:05	12.88	43.00	27.65	8.07	7.90	11.9	3.114	90.7	2.4	1.0	0.6
1055	3/11/2014 11:46:05	12.98	42.84	27.55	8.07	7.89	11.7	3.036	90.9	2.1	0.9	0.5
1056	3/11/2014 12:01:05	13.18	42.71	27.46	8.16	7.89	11.2	2.954	92.2	2.2	0.9	0.5
1057	3/11/2014 12:16:05	13.44	42.61	27.39	8.42	7.91	12.9	2.853	95.7	2.2	0.9	0.5
1058	3/11/2014 12:31:05	13.50	42.46	27.29	8.67	7.93	13.9	2.765	98.6	3.1	1.3	0.7
1059	3/11/2014 12:46:05	13.19	42.39	27.23	8.05	7.88	18.1	2.675	90.9	2.9	1.2	0.7
1060	3/11/2014 13:01:05	13.58	42.03	26.98	9.13	7.95	18.0	2.571	103.7	3.2	1.3	0.8
1061	3/11/2014 13:16:05	13.78	41.71	26.76	8.85	7.99	15.9	2.484	100.9	2.8	1.2	0.7
1062	3/11/2014 13:31:05	13.24	41.77	26.79	7.73	7.84	14.7	2.398	87.1	2.8	1.2	0.7
1063	3/11/2014 13:46:05	13.34	41.52	26.62	7.78	7.84	19.3	2.291	87.8	2.7	1.1	0.7
1064	3/11/2014 14:01:05	13.37	41.57	26.65	7.71	7.83	15.5	2.217	87.1	2.7	1.1	0.6
1065	3/11/2014 14:16:05	13.42	41.56	26.65	7.73	7.83	16.5	2.137	87.4	2.9	1.2	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
1066	3/11/2014 14:31:05	13.53	41.37	26.51	7.77	7.83	15.0	2.054	87.9	2.6	1.1	0.6
1067	3/11/2014 14:46:05	13.71	41.09	26.32	7.95	7.85	15.0	2.000	90.2	3.2	1.3	0.8
1068	3/11/2014 15:01:05	13.59	41.41	26.55	7.63	7.82	10.4	1.954	86.5	2.2	0.9	0.5
1069	3/11/2014 15:16:05	13.68	41.37	26.52	7.64	7.83	8.3	1.922	86.8	2.0	0.8	0.5
1070	3/11/2014 15:31:05	13.79	41.26	26.44	7.58	7.84	10.6	1.897	86.2	1.9	0.8	0.5
1071	3/11/2014 15:46:05	13.91	41.09	26.33	7.93	7.85	10.6	1.898	90.4	3.4	1.4	0.8
1072	3/11/2014 16:01:05	13.90	41.02	26.28	8.02	7.85	11.9	1.913	91.3	3.1	1.3	0.7
1073	3/11/2014 16:16:05	13.97	40.86	26.16	8.01	7.84	12.5	1.942	91.3	3.0	1.3	0.7
1074	3/11/2014 16:31:05	13.90	40.91	26.20	7.93	7.83	12.2	1.962	90.3	2.7	1.1	0.6
1075	3/11/2014 16:46:05	13.80	41.14	26.36	7.90	7.84	10.9	2.001	89.8	2.7	1.1	0.6
1076	3/11/2014 17:01:05	13.67	41.30	26.47	7.82	7.83	9.7	2.061	88.7	2.2	0.9	0.5
1077	3/11/2014 17:16:05	13.80	41.13	26.35	7.87	7.83	9.6	2.095	89.4	2.6	1.1	0.6
1078	3/11/2014 17:31:05	13.75	41.22	26.42	7.81	7.83	9.4	2.152	88.8	2.5	1.1	0.6
1079	3/11/2014 17:46:05	13.86	41.04	26.29	7.96	7.84	10.4	2.221	90.6	2.9	1.2	0.7
1080	3/11/2014 18:01:05	13.83	40.94	26.21	7.96	7.83	10.3	2.266	90.5	2.8	1.2	0.7
1081	3/11/2014 18:16:05	13.82	40.99	26.25	7.89	7.83	10.6	2.333	89.7	2.5	1.1	0.6
1082	3/11/2014 18:31:05	13.69	41.12	26.34	7.83	7.83	10.6	2.405	88.8	2.4	1.0	0.6
1083	3/11/2014 18:46:05	13.51	41.29	26.46	7.86	7.84	10.0	2.479	88.9	2.4	1.0	0.6
1084	3/11/2014 19:01:05	13.29	41.81	26.82	8.00	7.86	12.4	2.558	90.3	3.1	1.3	0.7
1085	3/11/2014 19:16:05	13.16	42.34	27.19	8.05	7.88	10.9	2.622	90.8	2.1	0.9	0.5
1086	3/11/2014 19:31:05	13.14	42.38	27.22	8.06	7.88	12.0	2.706	90.9	2.7	1.1	0.6
1087	3/11/2014 19:46:05	13.12	42.35	27.20	8.13	7.89	11.5	2.787	91.6	2.9	1.2	0.7
1088	3/11/2014 20:01:05	13.12	42.15	27.06	8.24	7.90	11.1	2.857	92.8	3.1	1.3	0.7
1089	3/11/2014 20:16:05	12.97	42.62	27.39	8.26	7.91	11.7	2.922	92.9	3.5	1.5	0.8
1090	3/11/2014 20:31:05	12.93	42.49	27.29	8.33	7.92	11.7	2.994	93.5	3.0	1.3	0.7
1091	3/11/2014 20:46:05	12.86	42.75	27.48	8.34	7.93	9.6	3.066	93.7	3.0	1.3	0.7
1092	3/11/2014 21:01:05	12.81	42.95	27.62	8.39	7.93	9.2	3.120	94.2	2.7	1.1	0.6
1093	3/11/2014 21:16:05	12.84	42.76	27.48	8.43	7.93	10.6	3.186	94.6	2.6	1.1	0.6
1094	3/11/2014 21:31:05	12.78	43.01	27.65	8.42	7.94	7.9	3.236	94.5	2.3	1.0	0.5
1095	3/11/2014 21:46:05	12.71	43.42	27.94	8.38	7.95	8.0	3.287	94.1	2.2	0.9	0.5
1096	3/11/2014 22:01:05	12.68	43.50	28.00	8.34	7.95	6.8	3.325	93.7	2.1	0.9	0.5
1097	3/11/2014 22:16:05	12.65	43.69	28.14	8.28	7.95	6.4	3.356	93.0	2.5	1.1	0.6
1098	3/11/2014 22:31:05	12.63	43.71	28.15	8.40	7.96	5.9	3.391	94.2	2.3	1.0	0.5
1099	3/11/2014 22:46:05	12.62	43.88	28.27	8.04	7.95	5.1	3.393	90.3	2.4	1.0	0.6
1100	3/11/2014 23:01:05	12.62	44.07	28.41	8.24	7.95	6.8	3.380	92.6	2.1	0.9	0.5
1101	3/11/2014 23:16:05	12.66	43.22	27.80	8.20	7.94	7.5	3.376	91.9	2.1	0.9	0.5
1102	3/11/2014 23:31:05	12.65	41.75	26.76	8.19	7.91	11.1	3.352	91.1	3.3	1.4	0.8
1103	3/11/2014 23:46:05	12.65	43.22	27.80	8.21	7.94	8.2	3.298	92.0	2.4	1.0	0.6
1104	3/12/2014 0:01:05	12.74	42.50	27.29	8.20	7.92	10.8	3.241	91.8	2.2	0.9	0.5
1105	3/12/2014 0:16:05	12.73	42.99	27.64	8.22	7.93	8.8	3.200	92.2	2.6	1.1	0.6
1106	3/12/2014 0:31:05	12.89	42.82	27.53	8.08	7.91	12.2	3.137	90.8	3.0	1.3	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
1107	3/12/2014 0:46:05	12.88	42.30	27.15	8.12	7.90	11.9	3.052	91.0	2.3	1.0	0.5
1108	3/12/2014 1:01:05	12.85	41.55	26.63	8.12	7.88	11.6	3.004	90.6	2.7	1.1	0.6
1109	3/12/2014 1:16:05	12.84	41.66	26.70	8.05	7.88	11.4	2.946	90.0	3.0	1.3	0.7
1110	3/12/2014 1:31:05	12.76	41.51	26.60	8.09	7.88	13.1	2.880	90.2	3.0	1.3	0.7
1111	3/12/2014 1:46:05	12.78	41.32	26.46	8.05	7.86	14.4	2.819	89.6	2.8	1.2	0.7
1112	3/12/2014 2:01:05	12.86	41.21	26.38	7.95	7.85	13.6	2.764	88.7	2.8	1.2	0.7
1113	3/12/2014 2:16:05	12.86	41.12	26.32	7.91	7.84	13.7	2.723	88.2	3.2	1.3	0.8
1114	3/12/2014 2:31:05	12.93	40.97	26.22	7.88	7.84	14.4	2.672	87.9	2.8	1.2	0.7
1115	3/12/2014 2:46:05	12.72	41.03	26.25	7.81	7.84	14.6	2.639	86.7	3.3	1.4	0.8
1116	3/12/2014 3:01:05	12.84	40.96	26.20	7.79	7.83	14.1	2.602	86.8	3.4	1.4	0.8
1117	3/12/2014 3:16:05	12.80	40.79	26.09	7.69	7.83	12.0	2.581	85.5	3.2	1.3	0.8
1118	3/12/2014 3:31:05	12.94	40.66	26.00	7.50	7.82	13.4	2.567	83.6	3.1	1.3	0.7
1119	3/12/2014 3:46:05	13.02	40.72	26.04	7.71	7.82	13.9	2.544	86.1	3.1	1.3	0.7
1120	3/12/2014 4:01:05	13.01	40.66	26.00	7.69	7.81	13.0	2.552	85.8	2.9	1.2	0.7
1121	3/12/2014 4:16:05	12.95	40.70	26.03	7.87	7.82	13.9	2.571	87.7	2.9	1.2	0.7
1122	3/12/2014 4:31:05	12.93	40.73	26.05	7.90	7.82	14.0	2.577	88.0	2.9	1.2	0.7
1123	3/12/2014 4:46:05	12.87	41.60	26.66	7.91	7.85	10.1	2.610	88.4	3.2	1.3	0.8
1124	3/12/2014 5:01:05	12.83	41.46	26.56	7.91	7.85	10.8	2.624	88.3	3.2	1.3	0.8
1125	3/12/2014 5:16:05	12.80	41.22	26.39	7.92	7.84	10.7	2.683	88.3	2.6	1.1	0.6
1126	3/12/2014 5:31:05	12.74	41.69	26.72	7.99	7.87	12.4	2.749	89.0	3.1	1.3	0.7
1127	3/12/2014 5:46:05	12.69	41.57	26.64	8.03	7.88	9.2	2.795	89.4	2.7	1.1	0.6
1128	3/12/2014 6:01:05	12.69	41.89	26.86	8.11	7.89	9.7	2.852	90.4	3.5	1.5	0.8
1129	3/12/2014 6:16:05	12.60	41.79	26.79	8.13	7.89	8.3	2.924	90.4	2.7	1.1	0.6
1130	3/12/2014 6:31:06	12.61	42.34	27.18	8.21	7.91	8.3	2.981	91.5	2.3	1.0	0.5
1131	3/12/2014 6:46:06	12.49	42.67	27.40	8.26	7.92	10.7	3.054	92.0	2.5	1.1	0.6
1132	3/12/2014 7:01:06	12.48	42.88	27.56	8.29	7.92	11.1	3.134	92.4	2.7	1.1	0.7
1133	3/12/2014 7:16:06	12.45	43.06	27.68	8.32	7.93	10.0	3.205	92.8	1.9	0.8	0.5
1134	3/12/2014 7:31:06	12.40	43.18	27.77	8.40	7.94	8.2	3.239	93.6	2.6	1.1	0.6
1135	3/12/2014 7:46:06	12.37	43.40	27.92	8.40	7.94	9.0	3.308	93.6	2.5	1.1	0.6
1136	3/12/2014 8:01:06	12.32	43.63	28.08	8.41	7.95	7.8	3.393	93.7	2.5	1.1	0.6
1137	3/12/2014 8:16:06	12.31	43.89	28.27	8.46	7.96	6.9	3.479	94.4	2.3	1.0	0.6
1138	3/12/2014 8:31:06	12.23	44.51	28.71	8.45	7.97	8.4	3.487	94.4	1.9	0.8	0.4
1139	3/12/2014 8:46:06	12.18	45.08	29.11	8.45	7.98	7.3	3.554	94.5	1.9	0.8	0.5
1140	3/12/2014 9:01:06	12.15	45.58	29.47	8.41	7.99	5.6	3.609	94.2	1.9	0.8	0.4
1141	3/12/2014 9:16:06	12.13	45.57	29.46	8.37	8.00	5.3	3.682	93.7	1.6	0.7	0.4
1142	3/12/2014 9:31:06	12.14	45.35	29.31	8.21	7.98	4.7	3.675	91.9	1.7	0.7	0.4
1143	3/12/2014 9:46:06	12.19	45.15	29.16	8.30	7.98	5.3	3.701	92.9	1.7	0.7	0.4
1144	3/12/2014 10:01:06	12.17	45.55	29.45	8.24	7.98	7.2	3.701	92.4	2.3	1.0	0.5
1145	3/12/2014 10:16:06	12.15	45.57	29.47	8.33	7.99	7.9	3.668	93.3	1.6	0.7	0.4
1146	3/12/2014 10:31:06	12.12	45.33	29.29	8.38	7.99	6.9	3.674	93.7	2.0	0.8	0.5
1147	3/12/2014 10:46:06	12.23	45.00	29.06	8.36	7.98	7.8	3.639	93.5	2.0	0.8	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
1148	3/12/2014 11:01:06	12.34	44.13	28.44	8.39	7.96	8.4	3.598	93.8	3.7	1.6	0.9
1149	3/12/2014 11:16:06	12.50	43.71	28.15	8.38	7.95	9.6	3.507	93.8	2.0	0.8	0.5
1150	3/12/2014 11:31:06	12.44	43.59	28.06	8.42	7.95	11.7	3.418	94.0	2.6	1.1	0.6
1151	3/12/2014 11:46:06	12.87	43.58	28.07	8.54	7.96	10.3	3.382	96.3	2.3	1.0	0.5
1152	3/12/2014 12:01:06	12.96	43.74	28.18	8.65	7.97	8.4	3.278	97.8	2.2	0.9	0.5
1153	3/12/2014 12:16:06	13.09	43.40	27.94	8.60	7.96	9.3	3.171	97.4	2.4	1.0	0.6
1154	3/12/2014 12:31:06	13.21	43.13	27.76	8.64	7.95	7.9	3.128	97.9	1.5	0.6	0.4
1155	3/12/2014 12:46:06	13.30	43.20	27.81	8.73	7.96	7.6	3.020	99.2	2.0	0.8	0.5
1156	3/12/2014 13:01:06	13.54	43.07	27.73	8.79	7.97	7.8	2.917	100.3	1.7	0.7	0.4
1157	3/12/2014 13:16:06	13.74	42.89	27.60	8.92	7.98	7.2	2.841	102.1	2.3	1.0	0.6
1158	3/12/2014 13:31:06	13.83	42.31	27.19	8.67	7.96	10.2	2.757	99.1	2.5	1.1	0.6
1159	3/12/2014 13:46:06	13.89	41.93	26.92	8.74	7.94	9.4	2.650	99.9	2.0	0.8	0.5
1160	3/12/2014 14:01:06	14.09	41.71	26.77	9.09	7.95	10.1	2.558	104.2	2.4	1.0	0.6
1161	3/12/2014 14:16:06	14.37	41.67	26.75	9.26	7.97	10.6	2.416	106.8	2.1	0.9	0.5
1162	3/12/2014 14:31:06	14.27	41.22	26.42	8.96	7.93	10.1	2.302	102.9	2.4	1.0	0.6
1163	3/12/2014 14:46:06	14.75	41.48	26.62	9.00	8.00	10.3	2.203	104.5	2.8	1.2	0.7
1164	3/12/2014 15:01:06	14.65	41.31	26.50	9.12	7.99	10.4	2.162	105.6	2.6	1.1	0.6
1165	3/12/2014 15:16:06	15.03	41.41	26.57	9.00	8.04	11.2	2.076	105.1	2.4	1.0	0.6
1166	3/12/2014 15:31:06	15.06	41.35	26.53	8.99	8.02	10.6	1.993	105.0	3.2	1.3	0.8
1167	3/12/2014 15:46:06	14.87	41.11	26.36	8.77	7.98	9.3	1.964	102.0	2.6	1.1	0.6
1168	3/12/2014 16:01:06	14.65	40.87	26.18	8.50	7.93	9.7	1.952	98.3	2.9	1.2	0.7
1169	3/12/2014 16:16:06	13.95	41.06	26.31	8.15	7.87	8.1	1.901	93.0	2.2	0.9	0.5
1170	3/12/2014 16:31:06	14.93	41.17	26.40	8.97	7.97	9.2	1.932	104.4	2.7	1.1	0.7
1171	3/12/2014 16:46:06	14.60	41.04	26.30	8.71	7.94	8.6	1.897	100.7	3.1	1.3	0.7
1172	3/12/2014 17:01:06	14.37	40.82	26.15	8.46	7.90	7.8	1.917	97.3	3.1	1.3	0.7
1173	3/12/2014 17:16:06	13.82	41.14	26.36	8.27	7.87	8.7	2.005	94.1	2.5	1.1	0.6
1174	3/12/2014 17:31:06	14.02	40.88	26.18	8.28	7.87	8.4	2.008	94.5	2.7	1.1	0.6
1175	3/12/2014 17:46:06	14.10	40.45	25.88	8.34	7.86	10.0	2.085	95.2	3.7	1.6	0.9
1176	3/12/2014 18:01:06	14.09	40.30	25.77	8.31	7.86	8.4	2.158	94.7	2.7	1.1	0.6
1177	3/12/2014 18:16:06	13.97	40.61	25.99	8.31	7.86	9.8	2.231	94.6	2.5	1.1	0.6
1178	3/12/2014 18:31:06	13.81	40.69	26.04	8.26	7.86	8.6	2.331	93.8	2.7	1.1	0.6
1179	3/12/2014 18:46:06	13.69	40.93	26.20	8.18	7.86	8.0	2.396	92.7	2.6	1.1	0.6
1180	3/12/2014 19:01:06	13.54	41.30	26.47	8.16	7.87	8.3	2.449	92.4	2.4	1.0	0.6
1181	3/12/2014 19:16:06	13.42	41.66	26.72	8.18	7.88	8.7	2.546	92.6	2.8	1.2	0.7
1182	3/12/2014 19:31:06	13.44	41.71	26.75	8.22	7.89	8.7	2.605	93.0	2.6	1.1	0.6
1183	3/12/2014 19:46:06	13.34	41.96	26.93	8.30	7.90	8.7	2.678	93.8	2.8	1.2	0.7
1184	3/12/2014 20:01:06	13.18	42.60	27.38	8.26	7.91	9.0	2.735	93.4	2.5	1.1	0.6
1185	3/12/2014 20:16:06	13.13	42.73	27.47	8.31	7.91	8.6	2.824	93.9	2.7	1.1	0.6
1186	3/12/2014 20:31:06	13.03	42.87	27.56	8.35	7.92	9.0	2.889	94.2	2.2	0.9	0.5
1187	3/12/2014 20:46:06	12.98	42.75	27.48	8.46	7.93	9.4	2.980	95.3	2.5	1.1	0.6
1188	3/12/2014 21:01:06	12.84	43.37	27.91	8.41	7.94	7.9	3.060	94.7	2.6	1.1	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
1189	3/12/2014 21:16:06	12.75	43.68	28.13	8.40	7.94	8.7	3.137	94.5	2.4	1.0	0.6
1190	3/12/2014 21:31:06	12.65	43.99	28.35	8.39	7.95	10.6	3.218	94.3	1.8	0.8	0.4
1191	3/12/2014 21:46:06	12.54	44.43	28.66	8.38	7.96	11.2	3.260	94.2	2.5	1.1	0.6
1192	3/12/2014 22:01:06	12.48	44.69	28.85	8.39	7.96	11.2	3.362	94.3	2.3	1.0	0.6
1193	3/12/2014 22:16:06	12.35	45.39	29.34	8.42	7.98	15.6	3.419	94.7	2.2	0.9	0.5
1194	3/12/2014 22:31:06	12.31	45.77	29.61	8.40	7.98	14.3	3.501	94.5	2.7	1.1	0.6
1195	3/12/2014 22:46:06	12.24	46.14	29.88	8.52	7.99	13.0	3.526	95.9	2.1	0.9	0.5
1196	3/12/2014 23:01:06	12.22	46.30	29.99	8.56	7.99	9.7	3.516	96.4	2.3	1.0	0.5
1197	3/12/2014 23:16:06	12.20	46.39	30.05	8.44	7.99	7.2	3.557	95.0	2.5	1.1	0.6
1198	3/12/2014 23:31:06	12.22	46.33	30.01	8.44	7.99	8.1	3.557	95.0	2.5	1.1	0.6
1199	3/12/2014 23:46:06	12.26	46.06	29.82	8.42	7.99	8.2	3.520	94.8	2.3	1.0	0.5
1200	3/13/2014 0:01:06	12.29	45.62	29.50	8.42	7.98	9.1	3.482	94.6	2.1	0.9	0.5
1201	3/13/2014 0:16:06	12.36	44.80	28.92	8.31	7.96	9.5	3.467	93.2	2.2	0.9	0.5
1202	3/13/2014 0:31:06	12.53	44.20	28.50	8.29	7.95	10.6	3.410	93.0	1.6	0.7	0.4
1203	3/13/2014 0:46:06	12.48	44.49	28.70	8.35	7.96	12.9	3.334	93.8	2.5	1.1	0.6
1204	3/13/2014 1:01:06	12.55	43.79	28.21	8.37	7.95	14.6	3.276	93.9	2.4	1.0	0.6
1205	3/13/2014 1:16:06	12.52	43.97	28.33	8.34	7.95	12.0	3.209	93.5	2.4	1.0	0.6
1206	3/13/2014 1:31:06	12.55	43.98	28.34	8.33	7.95	10.2	3.124	93.4	2.3	1.0	0.5
1207	3/13/2014 1:46:06	12.71	43.00	27.65	8.12	7.91	9.8	3.034	91.0	2.7	1.1	0.6
1208	3/13/2014 2:01:06	12.75	42.88	27.57	8.11	7.90	8.9	2.974	90.9	2.8	1.2	0.7
1209	3/13/2014 2:16:06	12.82	42.48	27.28	8.14	7.90	11.4	2.907	91.2	2.9	1.2	0.7
1210	3/13/2014 2:31:06	12.69	42.68	27.42	8.06	7.89	7.4	2.840	90.1	2.4	1.0	0.6
1211	3/13/2014 2:46:06	12.78	42.30	27.15	8.07	7.89	7.3	2.782	90.3	2.1	0.9	0.5
1212	3/13/2014 3:01:06	12.66	42.38	27.21	7.98	7.88	7.6	2.708	89.1	2.2	0.9	0.5
1213	3/13/2014 3:16:06	12.75	42.01	26.95	7.90	7.87	7.3	2.676	88.2	2.3	1.0	0.5
1214	3/13/2014 3:31:06	12.81	41.87	26.85	7.94	7.87	7.8	2.592	88.7	2.9	1.2	0.7
1215	3/13/2014 3:46:06	12.87	41.60	26.66	7.91	7.86	7.9	2.524	88.4	2.6	1.1	0.6
1216	3/13/2014 4:01:06	12.88	41.54	26.62	7.85	7.86	6.5	2.517	87.7	2.6	1.1	0.6
1217	3/13/2014 4:16:06	12.96	41.25	26.41	7.91	7.85	7.0	2.521	88.4	3.0	1.3	0.7
1218	3/13/2014 4:31:06	12.88	41.58	26.64	7.73	7.85	5.7	2.485	86.4	2.3	1.0	0.5
1219	3/13/2014 4:46:06	12.88	41.62	26.68	7.88	7.86	6.2	2.461	88.1	2.4	1.0	0.6
1220	3/13/2014 5:01:06	12.81	40.96	26.20	7.89	7.85	7.3	2.480	87.8	2.6	1.1	0.6
1221	3/13/2014 5:16:06	12.87	41.78	26.79	7.90	7.86	7.2	2.508	88.4	2.7	1.1	0.6
1222	3/13/2014 5:31:06	12.86	42.10	27.01	7.89	7.87	8.6	2.543	88.4	2.3	1.0	0.6
1223	3/13/2014 5:46:06	12.90	41.75	26.77	7.95	7.87	8.0	2.583	88.9	2.2	0.9	0.5
1224	3/13/2014 6:01:06	12.86	41.74	26.76	7.98	7.87	8.1	2.632	89.2	2.3	1.0	0.5
1225	3/13/2014 6:16:06	12.78	41.93	26.89	7.99	7.87	9.8	2.707	89.3	2.5	1.1	0.6
1226	3/13/2014 6:31:06	12.77	42.20	27.08	8.07	7.89	7.3	2.759	90.2	2.0	0.8	0.5
1227	3/13/2014 6:46:06	12.71	42.79	27.50	8.09	7.90	7.0	2.836	90.6	2.5	1.1	0.6
1228	3/13/2014 7:01:06	12.71	42.73	27.46	8.10	7.90	7.8	2.902	90.6	2.6	1.1	0.6
1229	3/13/2014 7:16:06	12.59	43.30	27.86	8.13	7.91	7.3	2.973	90.9	2.3	1.0	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
1230	3/13/2014 7:31:06	12.56	43.39	27.92	8.18	7.92	7.3	3.034	91.5	2.3	1.0	0.5
1231	3/13/2014 7:46:06	12.54	43.41	27.93	8.27	7.93	9.4	3.105	92.5	2.1	0.9	0.5
1232	3/13/2014 8:01:06	12.50	43.50	28.00	8.32	7.93	9.4	3.169	93.1	2.0	0.8	0.5
1233	3/13/2014 8:16:06	12.43	43.79	28.20	8.31	7.94	8.4	3.245	92.9	2.1	0.9	0.5
1234	3/13/2014 8:31:06	12.30	44.19	28.48	8.39	7.95	7.6	3.318	93.7	1.9	0.8	0.4
1235	3/13/2014 8:46:06	12.25	44.65	28.81	8.42	7.96	7.2	3.380	94.1	2.1	0.9	0.5
1236	3/13/2014 9:01:06	12.18	45.01	29.06	8.46	7.96	6.4	3.456	94.6	1.9	0.8	0.4
1237	3/13/2014 9:16:06	12.16	45.25	29.23	8.48	7.97	6.8	3.533	94.9	1.6	0.7	0.4
1238	3/13/2014 9:31:06	12.14	45.56	29.45	8.56	7.98	6.7	3.580	95.8	1.6	0.7	0.4
1239	3/13/2014 9:46:06	12.10	45.80	29.63	8.57	7.98	6.5	3.658	96.1	1.6	0.7	0.4
1240	3/13/2014 10:01:06	11.96	46.58	30.18	8.67	8.00	8.1	3.706	97.1	1.7	0.7	0.4
1241	3/13/2014 10:16:06	11.88	46.78	30.32	8.72	8.00	8.9	3.748	97.6	1.6	0.7	0.4
1242	3/13/2014 10:31:06	11.88	46.79	30.33	8.71	8.00	6.6	3.763	97.6	1.7	0.7	0.4
1243	3/13/2014 10:46:06	11.91	46.74	30.30	8.59	8.00	5.7	3.803	96.3	1.5	0.6	0.3
1244	3/13/2014 11:01:06	11.86	46.84	30.36	8.59	8.00	10.2	3.814	96.2	2.1	0.9	0.5
1245	3/13/2014 11:16:06	11.95	46.60	30.19	8.62	8.00	7.0	3.757	96.6	1.5	0.6	0.4
1246	3/13/2014 11:31:06	12.00	46.39	30.05	8.64	8.00	7.4	3.728	96.9	1.3	0.5	0.3
1247	3/13/2014 11:46:06	12.13	46.12	29.86	8.63	7.99	8.7	3.670	96.9	1.3	0.5	0.3
1248	3/13/2014 12:01:06	12.25	45.81	29.64	8.55	7.98	8.3	3.604	96.1	1.7	0.7	0.4
1249	3/13/2014 12:16:06	12.54	45.12	29.16	8.51	7.97	8.3	3.528	95.9	2.2	0.9	0.5
1250	3/13/2014 12:31:06	12.55	45.02	29.09	8.49	7.97	8.1	3.430	95.7	2.4	1.0	0.6
1251	3/13/2014 12:46:06	12.63	44.99	29.07	8.48	7.97	10.8	3.336	95.7	2.2	0.9	0.5
1252	3/13/2014 13:01:06	12.95	44.53	28.75	8.62	7.97	6.8	3.251	97.8	2.8	1.2	0.7
1253	3/13/2014 13:16:06	13.00	44.47	28.71	8.59	7.97	7.0	3.144	97.5	1.9	0.8	0.5
1254	3/13/2014 13:31:06	13.19	44.01	28.38	8.70	7.97	7.1	3.050	99.0	2.0	0.8	0.5
1255	3/13/2014 13:46:06	13.33	44.02	28.39	8.83	7.98	7.0	2.964	100.8	2.1	0.9	0.5
1256	3/13/2014 14:01:06	13.53	43.57	28.08	8.95	7.98	6.5	2.864	102.4	1.9	0.8	0.5
1257	3/13/2014 14:16:06	13.73	43.18	27.81	9.05	7.98	6.7	2.760	103.7	2.5	1.1	0.6
1258	3/13/2014 14:31:06	13.85	42.68	27.45	8.76	7.96	7.3	2.655	100.3	2.1	0.9	0.5
1259	3/13/2014 14:46:06	13.86	42.30	27.18	8.83	7.94	7.8	2.537	101.0	2.0	0.8	0.5
1260	3/13/2014 15:01:06	14.23	42.49	27.32	9.11	8.01	6.9	2.430	105.2	2.4	1.0	0.6
1261	3/13/2014 15:16:06	14.12	42.23	27.14	9.24	7.96	6.8	2.329	106.3	2.4	1.0	0.6
1262	3/13/2014 15:31:06	14.19	41.90	26.90	9.11	7.96	6.6	2.209	104.8	2.3	1.0	0.5
1263	3/13/2014 15:46:06	14.45	41.74	26.80	9.27	7.99	6.6	2.130	107.1	2.4	1.0	0.6
1264	3/13/2014 16:01:06	14.62	41.68	26.76	9.28	8.00	6.4	2.053	107.6	2.2	0.9	0.5
1265	3/13/2014 16:16:06	14.58	41.63	26.72	9.08	7.99	6.2	1.970	105.2	2.2	0.9	0.5
1266	3/13/2014 16:31:06	14.45	41.61	26.71	8.85	7.97	5.7	1.917	102.2	2.4	1.0	0.6
1267	3/13/2014 16:46:06	14.44	41.48	26.61	8.54	7.94	4.1	1.900	98.6	2.9	1.2	0.7
1268	3/13/2014 17:01:06	13.85	41.75	26.79	8.37	7.90	5.6	1.880	95.5	2.7	1.1	0.6
1269	3/13/2014 17:16:06	13.83	41.78	26.81	8.46	7.90	5.3	1.880	96.6	2.5	1.1	0.6
1270	3/13/2014 17:31:06	13.91	41.81	26.83	8.46	7.91	5.8	1.911	96.7	2.1	0.9	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
1271	3/13/2014 17:46:06	14.13	41.43	26.57	8.67	7.92	5.1	1.932	99.4	3.2	1.3	0.8
1272	3/13/2014 18:01:06	14.07	41.56	26.66	8.61	7.91	5.5	1.984	98.6	2.7	1.1	0.6
1273	3/13/2014 18:16:06	14.04	41.73	26.78	8.58	7.92	5.7	2.038	98.3	2.6	1.1	0.6
1274	3/13/2014 18:31:06	14.06	41.03	26.29	8.72	7.92	7.5	2.124	99.6	2.6	1.1	0.6
1275	3/13/2014 18:46:06	14.02	41.03	26.29	8.70	7.91	7.0	2.192	99.4	2.6	1.1	0.6
1276	3/13/2014 19:01:06	13.97	40.98	26.25	8.67	7.91	6.5	2.272	98.9	3.4	1.4	0.8
1277	3/13/2014 19:16:06	13.89	41.58	26.67	8.51	7.91	6.2	2.357	97.2	2.6	1.1	0.6
1278	3/13/2014 19:31:06	13.74	41.44	26.57	8.52	7.91	7.7	2.447	96.9	2.6	1.1	0.6
1279	3/13/2014 19:46:06	13.58	42.16	27.08	8.46	7.91	7.5	2.531	96.2	2.9	1.2	0.7
1280	3/13/2014 20:01:06	13.52	42.13	27.06	8.46	7.92	8.1	2.612	96.1	2.9	1.2	0.7
1281	3/13/2014 20:16:06	13.30	42.98	27.65	8.40	7.92	8.2	2.693	95.3	2.7	1.1	0.6
1282	3/13/2014 20:31:06	13.18	43.38	27.94	8.38	7.93	7.5	2.777	95.1	2.5	1.1	0.6
1283	3/13/2014 20:46:06	13.13	43.60	28.09	8.41	7.94	8.4	2.854	95.3	2.4	1.0	0.6
1284	3/13/2014 21:01:06	13.08	43.79	28.22	8.46	7.94	8.5	2.932	95.9	2.2	0.9	0.5
1285	3/13/2014 21:16:06	12.98	44.06	28.42	8.50	7.95	9.3	3.010	96.3	2.9	1.2	0.7
1286	3/13/2014 21:31:06	12.94	44.26	28.55	8.49	7.95	10.1	3.090	96.1	2.3	1.0	0.6
1287	3/13/2014 21:46:06	12.86	44.47	28.70	8.55	7.95	10.3	3.166	96.7	2.3	1.0	0.5
1288	3/13/2014 22:01:06	12.83	44.55	28.76	8.54	7.96	9.9	3.245	96.6	2.5	1.1	0.6
1289	3/13/2014 22:16:06	12.77	44.79	28.93	8.59	7.97	11.0	3.331	97.2	2.0	0.8	0.5
1290	3/13/2014 22:31:06	12.67	45.11	29.16	8.63	7.97	12.3	3.402	97.5	2.2	0.9	0.5
1291	3/13/2014 22:46:06	12.51	45.66	29.54	8.71	7.98	14.0	3.483	98.3	2.2	0.9	0.5
1292	3/13/2014 23:01:06	12.37	46.18	29.91	8.80	7.99	11.7	3.525	99.3	3.0	1.3	0.7
1293	3/13/2014 23:16:06	12.32	46.41	30.07	8.84	8.00	9.4	3.585	99.8	1.9	0.8	0.4
1294	3/13/2014 23:31:06	12.30	46.52	30.15	8.85	8.00	9.2	3.634	99.9	1.8	0.8	0.4
1295	3/13/2014 23:46:06	12.29	46.57	30.19	8.81	8.00	6.4	3.645	99.4	2.2	0.9	0.5
1296	3/14/2014 0:01:06	12.30	46.52	30.15	8.74	8.00	7.4	3.644	98.6	2.0	0.8	0.5
1297	3/14/2014 0:16:06	12.27	46.68	30.27	8.84	8.00	8.2	3.633	99.8	1.8	0.8	0.4
1298	3/14/2014 0:31:06	12.34	46.35	30.03	8.75	8.00	7.9	3.587	98.8	2.4	1.0	0.6
1299	3/14/2014 0:46:06	12.59	45.39	29.35	8.49	7.97	10.7	3.544	96.0	2.7	1.1	0.6
1300	3/14/2014 1:01:06	12.74	44.80	28.93	8.35	7.96	10.8	3.487	94.4	2.3	1.0	0.5
1301	3/14/2014 1:16:06	12.75	44.63	28.82	8.39	7.95	9.5	3.402	94.7	2.8	1.2	0.7
1302	3/14/2014 1:31:06	12.86	44.29	28.57	8.30	7.94	8.0	3.322	93.9	2.1	0.9	0.5
1303	3/14/2014 1:46:06	12.90	44.11	28.45	8.26	7.94	7.5	3.248	93.4	2.2	0.9	0.5
1304	3/14/2014 2:01:06	12.85	44.28	28.56	8.22	7.93	8.1	3.163	92.9	2.2	0.9	0.5
1305	3/14/2014 2:16:06	12.93	43.88	28.28	8.25	7.93	8.2	3.061	93.2	2.8	1.2	0.7
1306	3/14/2014 2:31:06	12.90	43.93	28.32	8.19	7.93	7.2	2.981	92.6	2.0	0.8	0.5
1307	3/14/2014 2:46:06	12.99	43.64	28.11	8.19	7.92	6.6	2.910	92.6	2.5	1.1	0.6
1308	3/14/2014 3:01:06	12.89	43.84	28.26	8.16	7.92	6.7	2.831	92.1	2.2	0.9	0.5
1309	3/14/2014 3:16:06	13.21	42.67	27.43	8.16	7.91	7.6	2.749	92.3	2.9	1.2	0.7
1310	3/14/2014 3:31:06	13.23	42.48	27.29	8.12	7.90	7.2	2.673	91.8	2.6	1.1	0.6
1311	3/14/2014 3:46:06	13.15	42.65	27.41	7.97	7.89	7.8	2.596	90.0	2.9	1.2	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
1312	3/14/2014 4:01:06	13.26	42.30	27.17	8.01	7.88	6.4	2.524	90.5	2.3	1.0	0.5
1313	3/14/2014 4:16:06	13.17	42.41	27.25	7.97	7.88	6.7	2.458	89.9	2.5	1.1	0.6
1314	3/14/2014 4:31:06	13.31	42.06	27.00	7.96	7.88	6.8	2.408	90.0	2.4	1.0	0.6
1315	3/14/2014 4:46:06	13.36	41.96	26.93	7.96	7.87	6.5	2.360	90.0	3.0	1.3	0.7
1316	3/14/2014 5:01:06	13.35	41.85	26.85	7.80	7.86	5.5	2.341	88.1	2.4	1.0	0.6
1317	3/14/2014 5:16:06	13.25	42.30	27.17	7.88	7.87	5.8	2.316	89.0	2.4	1.0	0.6
1318	3/14/2014 5:31:06	13.41	41.62	26.69	7.94	7.87	5.7	2.322	89.7	2.2	0.9	0.5
1319	3/14/2014 5:46:06	13.45	41.57	26.66	8.05	7.87	5.1	2.362	91.1	1.9	0.8	0.5
1320	3/14/2014 6:01:06	13.34	42.01	26.96	8.00	7.88	6.1	2.391	90.4	2.7	1.1	0.6
1321	3/14/2014 6:16:06	13.26	42.32	27.18	7.96	7.88	6.5	2.441	90.0	2.3	1.0	0.6
1322	3/14/2014 6:31:06	13.26	42.46	27.28	8.04	7.89	7.1	2.493	91.0	2.4	1.0	0.6
1323	3/14/2014 6:46:06	13.27	42.05	26.99	8.03	7.88	6.4	2.567	90.7	2.2	0.9	0.5
1324	3/14/2014 7:01:06	13.20	42.50	27.31	8.02	7.89	7.6	2.646	90.6	2.1	0.9	0.5
1325	3/14/2014 7:16:06	13.10	42.96	27.63	8.10	7.90	8.6	2.718	91.5	2.1	0.9	0.5
1326	3/14/2014 7:31:06	13.06	43.00	27.66	8.11	7.90	7.1	2.788	91.6	2.2	0.9	0.5
1327	3/14/2014 7:46:06	12.99	43.28	27.86	8.15	7.91	7.6	2.871	92.0	2.1	0.9	0.5
1328	3/14/2014 8:01:06	12.92	43.70	28.15	8.21	7.92	8.6	2.949	92.7	2.0	0.8	0.5
1329	3/14/2014 8:16:06	12.85	44.10	28.44	8.31	7.94	8.7	3.016	93.8	1.7	0.7	0.4
1330	3/14/2014 8:31:07	12.78	44.40	28.65	8.33	7.94	9.1	3.099	94.1	2.2	0.9	0.5
1331	3/14/2014 8:46:07	12.70	44.73	28.88	8.39	7.95	8.3	3.172	94.7	2.9	1.2	0.7
1332	3/14/2014 9:01:07	12.62	45.00	29.07	8.41	7.96	9.3	3.243	94.9	2.2	0.9	0.5
1333	3/14/2014 9:16:07	12.52	45.38	29.35	8.46	7.96	9.3	3.329	95.5	1.9	0.8	0.4
1334	3/14/2014 9:31:07	12.47	45.52	29.44	8.50	7.97	10.9	3.401	95.8	1.8	0.8	0.4
1335	3/14/2014 9:46:07	12.41	45.76	29.61	8.53	7.97	10.9	3.476	96.2	1.7	0.7	0.4
1336	3/14/2014 10:01:07	12.35	45.97	29.76	8.61	7.98	9.7	3.545	97.0	1.8	0.8	0.4
1337	3/14/2014 10:16:07	12.32	46.01	29.78	8.57	7.98	9.2	3.605	96.5	1.7	0.7	0.4
1338	3/14/2014 10:31:07	12.22	46.28	29.98	8.60	7.98	9.4	3.676	96.8	2.1	0.9	0.5
1339	3/14/2014 10:46:07	12.16	46.50	30.13	8.63	7.99	10.5	3.723	97.1	1.5	0.6	0.4
	Mean	12.77	45.62	29.53	8.30	7.97	7.33	2.97	94.20	2.28	0.96	0.54
	Minimum	11.17	37.46	23.78	7.02	7.81	2.30	1.42	79.70	0.60	0.25	0.10
	Maximum	15.06	49.60	32.32	9.43	8.12	24.50	4.28	108.00	5.40	2.27	1.30

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 begins 3/9/14 @ 2:00 am

Chlorophyll/Fluorescence displayed as *in vivo* (non-extractive) readings from YSI 6025 chlorophyll probe

Chlorophyll corrected with ratio derived from extractive analysis; Sample collected at 11:00; value = 1.14

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
Flagged data due to suspect values (i.e., equipment malfunction, interference, etc.)												

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
0	3/14/2014 11:31:11	12.06	46.85	30.38	8.90	7.97	6.5	3.502	100.1	1.4	1.3	0.3
1	3/14/2014 11:46:11	12.10	46.77	30.32	8.77	7.98	5.8	3.501	98.7	0.9	0.8	0.2
2	3/14/2014 12:01:11	12.04	46.98	30.47	8.81	7.98	7.6	3.485	99.1	1.5	1.4	0.3
3	3/14/2014 12:16:12	12.14	46.72	30.29	8.74	7.98	7.2	3.454	98.4	1.5	1.4	0.4
4	3/14/2014 12:31:11	12.55	46.01	29.80	8.69	7.97	8.7	3.392	98.3	1.6	1.5	0.4
5	3/14/2014 12:46:11	12.73	45.66	29.55	8.65	7.97	9.5	3.315	98.1	1.7	1.6	0.4
6	3/14/2014 13:01:11	12.64	45.54	29.46	8.63	7.97	11.2	3.230	97.6	2.0	1.9	0.5
7	3/14/2014 13:16:11	12.90	44.93	29.03	8.58	7.96	10.1	3.134	97.4	1.8	1.7	0.4
8	3/14/2014 13:31:11	13.26	45.04	29.12	8.78	7.98	6.3	3.039	100.5	1.6	1.5	0.4
9	3/14/2014 13:46:11	13.49	44.70	28.89	8.72	7.97	6.6	2.929	100.1	1.9	1.8	0.5
10	3/14/2014 14:01:11	13.58	44.50	28.74	8.85	7.98	6.3	2.830	101.7	2.4	2.3	0.6
11	3/14/2014 14:16:11	13.70	44.30	28.60	9.00	7.99	6.1	2.721	103.5	1.8	1.7	0.4
12	3/14/2014 14:31:11	13.93	44.32	28.62	9.07	8.00	5.8	2.623	104.9	2.2	2.1	0.5
13	3/14/2014 14:46:11	14.06	42.87	27.59	8.83	7.95	6.8	2.516	101.7	2.2	2.1	0.5
14	3/14/2014 15:01:11	14.37	43.54	28.08	8.98	7.98	6.4	2.400	104.5	1.8	1.7	0.4
15	3/14/2014 15:16:11	14.61	43.41	27.99	9.34	8.01	6.0	2.292	109.1	2.3	2.2	0.5
16	3/14/2014 15:31:11	14.84	43.17	27.82	9.37	8.03	6.1	2.175	109.8	1.8	1.7	0.4
17	3/14/2014 15:46:11	14.95	42.75	27.53	9.28	8.02	6.1	2.068	108.8	2.0	1.9	0.5
18	3/14/2014 16:01:11	15.07	42.62	27.44	9.38	8.02	5.5	1.964	110.2	2.4	2.3	0.6
19	3/14/2014 16:16:11	15.11	42.34	27.23	9.32	8.01	5.3	1.853	109.5	2.6	2.4	0.6
20	3/14/2014 16:31:11	15.19	42.10	27.06	9.23	8.01	5.3	1.769	108.4	2.4	2.3	0.6
21	3/14/2014 16:46:11	15.16	42.02	27.01	9.06	7.99	5.0	1.682	106.4	2.1	2.0	0.5
22	3/14/2014 17:01:11	15.17	41.98	26.98	8.96	7.98	5.1	1.603	105.2	2.6	2.4	0.6
23	3/14/2014 17:16:11	15.13	41.79	26.84	8.82	7.96	4.8	1.572	103.4	3.0	2.8	0.7
24	3/14/2014 17:31:11	15.15	41.74	26.81	8.76	7.96	4.3	1.555	102.6	2.9	2.7	0.7
25	3/14/2014 17:46:11	14.72	42.04	27.01	8.56	7.93	4.5	1.540	99.6	1.9	1.8	0.4
26	3/14/2014 18:01:11	14.83	42.06	27.03	8.70	7.95	4.5	1.553	101.5	2.1	2.0	0.5
27	3/14/2014 18:16:11	14.82	42.04	27.02	8.79	7.95	4.8	1.604	102.5	2.2	2.1	0.5
28	3/14/2014 18:31:11	14.91	41.92	26.94	8.82	7.95	4.5	1.651	103.0	2.4	2.3	0.6
29	3/14/2014 18:46:11	14.84	41.91	26.92	8.76	7.95	5.0	1.715	102.1	2.6	2.4	0.6
30	3/14/2014 19:01:11	14.88	41.39	26.56	8.86	7.95	5.9	1.791	103.1	2.8	2.6	0.7
31	3/14/2014 19:16:11	14.83	41.42	26.57	8.80	7.94	6.0	1.859	102.3	3.0	2.8	0.7
32	3/14/2014 19:31:11	14.72	41.77	26.82	8.68	7.93	6.1	1.945	100.9	3.0	2.8	0.7
33	3/14/2014 19:46:11	14.67	41.72	26.79	8.66	7.93	6.4	2.028	100.5	3.1	2.9	0.7
34	3/14/2014 20:01:11	14.51	41.79	26.83	8.65	7.93	6.9	2.112	100.2	3.1	2.9	0.7
35	3/14/2014 20:16:11	14.41	42.02	26.99	8.63	7.93	6.7	2.200	99.8	3.1	2.9	0.7
36	3/14/2014 20:31:11	14.15	42.66	27.45	8.55	7.93	6.9	2.300	98.6	2.5	2.4	0.6
37	3/14/2014 20:46:11	13.86	43.43	27.99	8.48	7.94	6.8	2.386	97.5	2.5	2.4	0.6
38	3/14/2014 21:01:11	13.80	43.55	28.07	8.51	7.94	7.0	2.470	97.8	3.0	2.8	0.7
39	3/14/2014 21:16:11	13.78	43.67	28.16	8.54	7.95	6.2	2.565	98.1	2.4	2.3	0.6
40	3/14/2014 21:31:11	13.72	43.87	28.30	8.54	7.95	7.7	2.651	98.1	2.7	2.5	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
41	3/14/2014 21:46:11	13.53	44.37	28.65	8.54	7.95	8.7	2.737	97.9	2.4	2.3	0.6
42	3/14/2014 22:01:11	13.49	44.52	28.76	8.59	7.96	10.8	2.825	98.5	2.4	2.3	0.6
43	3/14/2014 22:16:11	13.39	44.58	28.80	8.60	7.96	9.5	2.909	98.4	2.8	2.6	0.7
44	3/14/2014 22:31:11	13.32	44.97	29.08	8.60	7.97	10.0	2.994	98.5	2.3	2.2	0.5
45	3/14/2014 22:46:12	13.17	45.30	29.30	8.60	7.97	11.5	3.068	98.3	2.2	2.1	0.5
46	3/14/2014 23:01:11	12.99	45.76	29.63	8.60	7.98	14.7	3.145	98.2	2.5	2.4	0.6
47	3/14/2014 23:16:12	12.68	46.66	30.27	8.64	7.99	13.5	3.216	98.4	2.0	1.9	0.5
48	3/14/2014 23:31:11	12.57	46.83	30.38	8.67	8.00	11.8	3.282	98.6	2.3	2.2	0.5
49	3/14/2014 23:46:11	12.50	47.11	30.59	8.67	8.00	8.9	3.335	98.5	1.7	1.6	0.4
50	3/15/2014 0:01:12	12.48	47.48	30.85	8.68	8.01	7.6	3.378	98.8	1.9	1.8	0.4
51	3/15/2014 0:16:12	12.46	47.35	30.75	8.68	8.01	7.0	3.404	98.7	2.2	2.1	0.5
52	3/15/2014 0:31:12	12.46	47.62	30.95	8.48	8.00	4.7	3.410	96.6	2.0	1.9	0.5
53	3/15/2014 0:46:12	12.48	47.52	30.88	8.58	8.01	7.3	3.399	97.6	1.8	1.7	0.4
54	3/15/2014 1:01:12	12.75	46.53	30.17	8.54	7.99	7.8	3.361	97.3	2.5	2.4	0.6
55	3/15/2014 1:16:12	12.77	46.59	30.22	8.48	7.99	8.4	3.304	96.7	1.9	1.8	0.4
56	3/15/2014 1:31:12	13.02	45.74	29.62	8.41	7.98	9.2	3.245	96.1	2.1	2.0	0.5
57	3/15/2014 1:46:12	12.99	45.70	29.59	8.41	7.98	10.2	3.153	95.9	2.1	2.0	0.5
58	3/15/2014 2:01:11	13.06	45.47	29.43	8.44	7.97	12.0	3.063	96.3	2.6	2.4	0.6
59	3/15/2014 2:16:12	13.15	45.27	29.29	8.42	7.97	10.8	2.982	96.2	2.4	2.3	0.6
60	3/15/2014 2:31:12	13.25	44.75	28.92	8.40	7.95	8.0	2.880	96.0	2.5	2.4	0.6
61	3/15/2014 2:46:12	13.32	44.83	28.98	8.33	7.94	8.9	2.785	95.3	2.4	2.3	0.6
62	3/15/2014 3:01:12	13.49	44.23	28.55	8.38	7.94	8.6	2.686	96.0	2.3	2.2	0.5
63	3/15/2014 3:16:11	13.43	44.44	28.70	8.35	7.94	8.1	2.605	95.6	2.0	1.9	0.5
64	3/15/2014 3:31:12	13.56	43.97	28.36	8.26	7.93	7.3	2.505	94.6	2.4	2.3	0.6
65	3/15/2014 3:46:12	13.56	43.92	28.33	8.19	7.92	7.7	2.410	93.9	2.3	2.2	0.5
66	3/15/2014 4:01:12	13.70	43.57	28.08	8.15	7.91	6.4	2.332	93.5	2.4	2.3	0.6
67	3/15/2014 4:16:11	13.80	43.16	27.79	8.17	7.91	6.8	2.249	93.8	2.6	2.4	0.6
68	3/15/2014 4:31:11	13.97	42.72	27.49	8.15	7.90	7.0	2.143	93.7	2.6	2.4	0.6
69	3/15/2014 4:46:11	13.96	42.74	27.50	8.10	7.90	6.6	2.068	93.0	2.6	2.4	0.6
70	3/15/2014 5:01:11	14.10	42.36	27.23	8.12	7.90	6.4	2.008	93.5	2.6	2.4	0.6
71	3/15/2014 5:16:11	14.15	42.16	27.09	8.11	7.90	6.0	1.947	93.4	2.4	2.3	0.6
72	3/15/2014 5:31:11	14.13	42.45	27.30	8.05	7.90	7.0	1.893	92.7	2.6	2.4	0.6
73	3/15/2014 5:46:11	14.21	42.19	27.11	8.04	7.90	4.9	1.874	92.7	2.1	2.0	0.5
74	3/15/2014 6:01:12	14.07	42.65	27.44	8.01	7.89	5.1	1.876	92.2	2.6	2.4	0.6
75	3/15/2014 6:16:11	14.05	42.41	27.26	8.07	7.89	5.7	1.861	92.8	2.4	2.3	0.6
76	3/15/2014 6:31:12	14.12	42.26	27.16	8.15	7.90	5.1	1.919	93.8	2.1	2.0	0.5
77	3/15/2014 6:46:12	14.09	42.36	27.23	8.08	7.90	5.9	1.968	93.0	2.5	2.4	0.6
78	3/15/2014 7:01:12	14.00	42.59	27.39	8.04	7.89	6.8	2.034	92.4	2.4	2.3	0.6
79	3/15/2014 7:16:12	14.01	42.31	27.19	8.08	7.90	7.0	2.111	92.7	2.0	1.9	0.5
80	3/15/2014 7:31:11	13.98	42.71	27.48	8.08	7.89	6.3	2.174	92.9	2.2	2.1	0.5
81	3/15/2014 7:46:12	13.94	42.79	27.53	8.09	7.90	6.8	2.257	93.0	2.4	2.3	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
82	3/15/2014 8:01:11	13.77	43.25	27.86	8.16	7.91	9.5	2.347	93.7	2.5	2.4	0.6
83	3/15/2014 8:16:12	13.64	43.69	28.17	8.15	7.92	7.4	2.420	93.4	2.4	2.3	0.6
84	3/15/2014 8:31:12	13.56	43.93	28.33	8.18	7.92	7.3	2.510	93.7	2.0	1.9	0.5
85	3/15/2014 8:46:11	13.49	44.07	28.44	8.26	7.93	7.3	2.574	94.6	2.4	2.3	0.6
86	3/15/2014 9:01:12	13.39	44.56	28.78	8.29	7.94	8.4	2.656	94.9	2.3	2.2	0.5
87	3/15/2014 9:16:12	13.29	44.84	28.98	8.35	7.95	8.1	2.731	95.5	2.3	2.2	0.5
88	3/15/2014 9:31:12	13.27	44.95	29.06	8.38	7.95	6.3	2.817	95.8	2.2	2.1	0.5
89	3/15/2014 9:46:12	13.11	45.45	29.41	8.37	7.96	8.6	2.898	95.6	1.8	1.7	0.4
90	3/15/2014 10:01:12	13.02	45.64	29.55	8.40	7.96	9.2	2.975	95.9	2.0	1.9	0.5
91	3/15/2014 10:16:12	12.96	45.79	29.65	8.41	7.97	8.8	3.056	96.0	2.0	1.9	0.5
92	3/15/2014 10:31:12	12.89	46.02	29.82	8.42	7.97	9.5	3.121	96.0	2.1	2.0	0.5
93	3/15/2014 10:46:12	12.84	46.09	29.86	8.43	7.98	8.3	3.208	96.1	1.7	1.6	0.4
94	3/15/2014 11:01:12	12.69	46.55	30.19	8.48	7.98	10.3	3.279	96.5	2.0	1.9	0.5
95	3/15/2014 11:16:12	12.58	46.80	30.36	8.50	7.99	9.4	3.359	96.6	1.3	1.2	0.3
96	3/15/2014 11:31:12	12.40	47.28	30.71	8.52	8.00	9.6	3.417	96.7	1.4	1.3	0.3
97	3/15/2014 11:46:12	12.26	47.68	30.99	8.54	8.00	8.1	3.440	96.8	1.3	1.2	0.3
98	3/15/2014 12:01:12	12.20	47.86	31.12	8.57	8.01	6.8	3.473	97.0	1.4	1.3	0.3
99	3/15/2014 12:16:12	12.16	47.98	31.20	8.58	8.01	5.3	3.502	97.2	1.5	1.4	0.3
100	3/15/2014 12:31:12	12.26	47.78	31.06	8.49	8.00	7.6	3.506	96.2	1.4	1.3	0.3
101	3/15/2014 12:46:12	12.17	48.02	31.23	8.55	8.01	7.0	3.480	96.9	1.4	1.3	0.3
102	3/15/2014 13:01:12	12.29	47.74	31.03	8.51	8.01	6.9	3.419	96.6	1.7	1.6	0.4
103	3/15/2014 13:16:12	12.99	46.53	30.18	8.55	8.00	7.3	3.363	97.9	1.7	1.6	0.4
104	3/15/2014 13:31:12	13.46	45.86	29.72	8.69	8.00	7.6	3.296	100.2	1.7	1.6	0.4
105	3/15/2014 13:46:11	13.43	45.69	29.59	8.63	7.99	6.5	3.208	99.4	2.1	2.0	0.5
106	3/15/2014 14:01:12	13.63	45.52	29.48	8.63	7.99	6.5	3.104	99.7	1.7	1.6	0.4
107	3/15/2014 14:16:12	13.72	45.35	29.36	8.67	7.99	6.0	3.006	100.3	2.1	2.0	0.5
108	3/15/2014 14:31:11	13.89	45.09	29.17	8.69	7.99	6.6	2.897	100.7	1.8	1.7	0.4
109	3/15/2014 14:46:11	13.98	44.99	29.11	8.71	7.99	5.6	2.784	101.2	2.3	2.2	0.6
110	3/15/2014 15:01:11	14.10	44.69	28.89	8.83	7.99	5.7	2.686	102.6	2.4	2.3	0.6
111	3/15/2014 15:16:12	14.27	44.23	28.57	8.81	7.98	8.8	2.569	102.5	2.1	2.0	0.5
112	3/15/2014 15:31:11	14.49	43.88	28.33	8.89	7.99	6.3	2.467	103.9	2.6	2.4	0.6
113	3/15/2014 15:46:12	14.72	43.81	28.28	8.97	8.00	6.2	2.375	105.2	2.2	2.1	0.5
114	3/15/2014 16:01:11	14.93	43.77	28.25	9.05	8.02	6.2	2.237	106.6	2.2	2.1	0.5
115	3/15/2014 16:16:11	15.12	43.64	28.16	9.24	8.03	5.9	2.115	109.2	2.5	2.4	0.6
116	3/15/2014 16:31:11	15.21	43.01	27.72	9.44	8.03	5.8	2.015	111.4	2.3	2.2	0.5
117	3/15/2014 16:46:11	15.44	43.07	27.76	9.33	8.03	5.1	1.902	110.6	2.3	2.2	0.6
118	3/15/2014 17:01:11	15.43	42.91	27.65	9.33	8.03	5.5	1.795	110.6	2.7	2.5	0.6
119	3/15/2014 17:16:11	15.43	42.74	27.52	9.23	8.02	5.3	1.713	109.2	2.8	2.6	0.7
120	3/15/2014 17:31:11	15.45	42.53	27.38	9.15	8.01	5.1	1.636	108.3	2.7	2.5	0.6
121	3/15/2014 17:46:11	15.43	42.45	27.32	9.04	8.00	4.3	1.598	106.9	2.7	2.5	0.6
122	3/15/2014 18:01:11	15.37	42.41	27.29	8.88	7.98	3.3	1.571	104.9	3.0	2.8	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
123	3/15/2014 18:16:11	15.19	42.58	27.41	8.87	7.98	4.0	1.564	104.4	2.4	2.3	0.6
124	3/15/2014 18:31:11	15.12	42.50	27.35	8.81	7.97	4.2	1.552	103.5	2.5	2.4	0.6
125	3/15/2014 18:46:11	15.20	42.65	27.46	8.92	7.99	5.1	1.590	105.1	2.6	2.4	0.6
126	3/15/2014 19:01:11	15.23	42.59	27.41	9.06	7.99	4.6	1.649	106.8	3.1	2.9	0.7
127	3/15/2014 19:16:11	15.14	42.53	27.37	8.91	7.98	4.4	1.733	104.8	2.9	2.7	0.7
128	3/15/2014 19:31:11	15.11	42.65	27.46	8.87	7.98	5.4	1.803	104.3	3.1	2.9	0.7
129	3/15/2014 19:46:11	15.08	42.56	27.39	8.84	7.97	5.1	1.858	103.9	3.4	3.2	0.8
130	3/15/2014 20:01:11	15.01	42.61	27.43	8.82	7.97	6.1	1.982	103.6	3.0	2.8	0.7
131	3/15/2014 20:16:11	14.97	42.36	27.25	8.81	7.97	7.3	2.072	103.1	3.1	2.9	0.7
132	3/15/2014 20:31:11	14.93	41.92	26.93	8.87	7.97	6.6	2.140	103.6	2.9	2.7	0.7
133	3/15/2014 20:46:11	14.53	43.45	28.01	8.65	7.96	6.4	2.234	100.9	2.8	2.6	0.7
134	3/15/2014 21:01:12	14.36	43.83	28.29	8.56	7.96	6.5	2.336	99.6	2.4	2.3	0.6
135	3/15/2014 21:16:12	14.21	44.03	28.42	8.54	7.96	7.1	2.413	99.2	2.5	2.4	0.6
136	3/15/2014 21:31:12	14.15	44.15	28.51	8.55	7.96	6.7	2.520	99.3	2.5	2.4	0.6
137	3/15/2014 21:46:11	14.10	44.33	28.64	8.62	7.97	7.7	2.611	100.0	2.8	2.6	0.7
138	3/15/2014 22:01:12	13.94	44.62	28.84	8.59	7.97	8.6	2.713	99.5	2.9	2.7	0.7
139	3/15/2014 22:16:12	13.80	44.90	29.04	8.59	7.97	9.8	2.796	99.4	2.8	2.6	0.7
140	3/15/2014 22:31:12	13.70	45.13	29.20	8.59	7.98	10.5	2.878	99.2	2.6	2.4	0.6
141	3/15/2014 22:46:12	13.59	45.31	29.33	8.58	7.98	10.4	2.961	98.9	2.7	2.5	0.6
142	3/15/2014 23:01:12	13.45	45.77	29.65	8.58	7.98	10.3	3.055	98.8	2.4	2.3	0.6
143	3/15/2014 23:16:12	13.24	46.07	29.86	8.57	7.98	13.8	3.134	98.5	2.6	2.4	0.6
144	3/15/2014 23:31:12	12.83	46.97	30.49	8.53	7.99	14.7	3.214	97.5	2.6	2.4	0.6
145	3/15/2014 23:46:12	12.55	47.76	31.06	8.53	7.99	14.1	3.295	97.3	2.0	1.9	0.5
146	3/16/2014 0:01:12	12.43	47.87	31.13	8.57	8.00	14.2	3.355	97.6	2.1	2.0	0.5
147	3/16/2014 0:16:12	12.36	47.77	31.05	8.58	8.00	9.8	3.421	97.5	2.3	2.2	0.5
148	3/16/2014 0:31:12	12.29	48.32	31.45	8.60	8.00	8.5	3.459	97.8	1.7	1.6	0.4
149	3/16/2014 0:46:12	12.28	48.37	31.48	8.56	8.00	6.3	3.463	97.3	1.9	1.8	0.4
150	3/16/2014 1:01:12	12.32	48.19	31.36	8.48	8.00	7.2	3.466	96.5	2.0	1.9	0.5
151	3/16/2014 1:16:12	12.24	48.29	31.43	8.54	8.00	8.3	3.463	97.1	2.2	2.1	0.5
152	3/16/2014 1:31:12	12.29	48.18	31.35	8.56	8.00	8.1	3.416	97.3	1.6	1.5	0.4
153	3/16/2014 1:46:12	12.62	47.37	30.77	8.49	7.99	9.4	3.350	96.8	1.6	1.5	0.4
154	3/16/2014 2:01:12	13.04	46.48	30.15	8.40	7.98	10.0	3.285	96.3	2.0	1.9	0.5
155	3/16/2014 2:16:12	13.01	46.50	30.17	8.38	7.98	10.5	3.206	96.0	1.6	1.5	0.4
156	3/16/2014 2:31:12	13.32	45.91	29.75	8.37	7.98	11.9	3.111	96.2	2.5	2.4	0.6
157	3/16/2014 2:46:12	13.31	45.89	29.74	8.28	7.97	8.3	3.007	95.2	2.5	2.4	0.6
158	3/16/2014 3:01:12	13.32	45.86	29.72	8.29	7.97	7.8	2.913	95.3	2.5	2.4	0.6
159	3/16/2014 3:16:11	13.46	45.34	29.34	8.31	7.96	8.7	2.798	95.6	2.4	2.3	0.6
160	3/16/2014 3:31:12	13.47	45.58	29.52	8.27	7.96	7.2	2.700	95.3	2.2	2.1	0.5
161	3/16/2014 3:46:12	13.73	44.77	28.94	8.32	7.96	7.6	2.612	96.0	2.2	2.1	0.5
162	3/16/2014 4:01:12	13.70	44.70	28.90	8.31	7.95	6.7	2.508	95.8	2.6	2.4	0.6
163	3/16/2014 4:16:12	13.91	44.14	28.50	8.34	7.94	7.5	2.406	96.3	2.5	2.4	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
164	3/16/2014 4:31:12	14.12	43.75	28.22	8.26	7.94	8.2	2.297	95.7	2.3	2.2	0.5
165	3/16/2014 4:46:12	14.09	43.71	28.19	8.15	7.93	7.6	2.190	94.3	2.7	2.5	0.6
166	3/16/2014 5:01:12	14.04	43.71	28.19	8.11	7.92	7.2	2.108	93.7	2.5	2.4	0.6
167	3/16/2014 5:16:12	14.17	43.26	27.88	8.07	7.92	7.4	2.008	93.3	2.7	2.5	0.6
168	3/16/2014 5:31:12	14.40	42.79	27.55	8.12	7.92	7.4	1.937	94.2	3.0	2.8	0.7
169	3/16/2014 5:46:12	14.39	42.73	27.50	8.11	7.92	7.2	1.832	94.0	2.9	2.7	0.7
170	3/16/2014 6:01:11	14.44	42.50	27.33	8.12	7.92	6.0	1.815	94.1	3.1	2.9	0.7
171	3/16/2014 6:16:11	14.50	42.53	27.36	8.06	7.91	4.8	1.747	93.6	2.2	2.1	0.5
172	3/16/2014 6:31:12	14.40	42.72	27.50	7.87	7.90	4.8	1.715	91.3	2.2	2.1	0.5
173	3/16/2014 6:46:12	14.41	42.98	27.68	8.04	7.92	5.1	1.735	93.3	2.3	2.2	0.5
174	3/16/2014 7:01:12	14.38	43.03	27.72	8.09	7.92	5.9	1.762	93.9	2.8	2.6	0.7
175	3/16/2014 7:16:12	14.33	43.02	27.71	8.06	7.91	6.7	1.814	93.4	2.8	2.6	0.7
176	3/16/2014 7:31:12	14.36	42.91	27.63	8.09	7.92	6.2	1.886	93.8	2.3	2.2	0.5
177	3/16/2014 7:46:12	14.33	43.03	27.71	8.10	7.92	6.5	1.952	93.9	2.5	2.4	0.6
178	3/16/2014 8:01:12	14.32	42.84	27.58	8.07	7.91	6.9	2.026	93.5	2.4	2.3	0.6
179	3/16/2014 8:16:12	14.31	42.99	27.68	8.06	7.91	7.2	2.095	93.4	2.1	2.0	0.5
180	3/16/2014 8:31:12	14.11	43.47	28.02	8.13	7.92	8.4	2.233	94.0	2.7	2.5	0.6
181	3/16/2014 8:46:12	14.05	43.68	28.17	8.12	7.93	8.1	2.319	93.8	2.3	2.2	0.5
182	3/16/2014 9:01:12	13.96	44.05	28.43	8.12	7.93	7.6	2.371	93.9	2.6	2.4	0.6
183	3/16/2014 9:16:12	13.87	44.26	28.58	8.20	7.94	7.5	2.472	94.7	2.2	2.1	0.5
184	3/16/2014 9:31:12	13.75	44.67	28.87	8.28	7.95	8.6	2.590	95.5	2.4	2.3	0.6
185	3/16/2014 9:46:11	13.66	44.76	28.94	8.30	7.96	8.2	2.646	95.6	1.9	1.8	0.5
186	3/16/2014 10:01:12	13.54	45.25	29.28	8.29	7.96	7.8	2.707	95.5	1.7	1.6	0.4
187	3/16/2014 10:16:12	13.40	45.51	29.47	8.29	7.96	9.2	2.805	95.3	1.8	1.7	0.4
188	3/16/2014 10:31:12	13.28	45.68	29.58	8.30	7.96	9.7	2.890	95.3	2.0	1.9	0.5
189	3/16/2014 10:46:12	13.23	45.79	29.66	8.33	7.96	8.6	2.940	95.6	2.0	1.9	0.5
190	3/16/2014 11:01:12	13.10	46.22	29.97	8.33	7.97	8.9	3.059	95.5	2.4	2.3	0.6
191	3/16/2014 11:16:12	13.03	46.33	30.04	8.35	7.97	9.2	3.133	95.6	1.9	1.8	0.4
192	3/16/2014 11:31:12	12.83	46.65	30.27	8.40	7.97	11.1	3.217	95.9	1.7	1.6	0.4
193	3/16/2014 11:46:12	12.64	47.10	30.58	8.42	7.98	10.9	3.318	96.0	1.7	1.6	0.4
194	3/16/2014 12:01:12	12.37	47.57	30.91	8.43	7.98	14.5	3.328	95.8	1.6	1.5	0.4
195	3/16/2014 12:16:12	12.14	48.11	31.29	8.46	7.99	9.3	3.383	95.9	1.6	1.5	0.4
196	3/16/2014 12:31:13	12.03	48.43	31.52	8.51	7.99	8.3	3.476	96.4	1.6	1.5	0.4
197	3/16/2014 12:46:12	11.99	48.43	31.52	8.40	7.99	6.6	3.465	95.0	1.3	1.2	0.3
198	3/16/2014 13:01:13	11.99	48.51	31.58	8.32	7.99	5.9	3.511	94.1	1.4	1.3	0.3
199	3/16/2014 13:16:13	11.94	48.64	31.67	8.41	7.99	7.0	3.483	95.1	1.6	1.5	0.4
200	3/16/2014 13:31:12	12.04	48.33	31.45	8.42	7.99	7.8	3.497	95.3	1.4	1.3	0.3
201	3/16/2014 13:46:12	12.39	47.79	31.07	8.33	7.99	7.4	3.450	94.7	1.8	1.7	0.4
202	3/16/2014 14:01:12	12.91	46.98	30.51	8.47	7.99	8.6	3.360	97.1	2.2	2.1	0.5
203	3/16/2014 14:16:12	12.94	46.88	30.44	8.41	7.99	8.0	3.251	96.3	2.0	1.9	0.5
204	3/16/2014 14:31:12	13.14	46.51	30.18	8.43	7.99	9.2	3.177	96.8	1.9	1.8	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
205	3/16/2014 14:46:12	13.48	46.04	29.85	8.48	7.99	6.6	3.127	97.9	2.1	2.0	0.5
206	3/16/2014 15:01:12	13.53	45.87	29.72	8.50	7.99	9.0	2.928	98.2	2.1	2.0	0.5
207	3/16/2014 15:16:12	13.63	45.84	29.71	8.54	8.00	7.6	2.845	98.8	2.4	2.3	0.6
208	3/16/2014 15:31:12	13.59	45.94	29.78	8.56	8.00	5.9	2.749	99.1	2.1	2.0	0.5
209	3/16/2014 15:46:12	13.75	45.55	29.51	8.66	8.00	6.4	2.629	100.3	2.1	2.0	0.5
210	3/16/2014 16:01:12	14.02	44.81	28.98	8.79	8.00	7.3	2.502	102.1	2.7	2.5	0.6
211	3/16/2014 16:16:12	14.05	44.92	29.06	8.91	8.02	6.1	2.421	103.6	2.5	2.4	0.6
212	3/16/2014 16:31:12	14.18	44.59	28.83	8.96	8.02	6.8	2.292	104.3	2.7	2.5	0.6
213	3/16/2014 16:46:12	14.31	44.58	28.82	8.97	8.03	5.3	2.191	104.6	2.6	2.4	0.6
214	3/16/2014 17:01:12	14.45	43.94	28.36	9.04	8.02	5.9	2.105	105.5	2.7	2.5	0.6
215	3/16/2014 17:16:12	14.55	44.09	28.48	9.13	8.04	5.3	1.993	106.8	3.1	2.9	0.7
216	3/16/2014 17:31:12	14.68	43.54	28.08	8.91	8.01	5.3	1.877	104.2	3.1	2.9	0.7
217	3/16/2014 17:46:12	14.70	43.39	27.98	8.84	8.01	5.4	1.774	103.5	2.7	2.5	0.6
218	3/16/2014 18:01:12	14.74	43.26	27.88	8.72	8.00	5.7	1.703	102.1	3.2	3.0	0.8
219	3/16/2014 18:16:12	14.79	43.04	27.73	8.63	7.98	4.6	1.657	101.1	3.6	3.4	0.8
220	3/16/2014 18:31:12	14.80	43.02	27.72	8.49	7.98	3.7	1.611	99.3	2.9	2.7	0.7
221	3/16/2014 18:46:11	14.80	42.86	27.60	8.64	7.98	5.3	1.626	101.1	3.3	3.1	0.8
222	3/16/2014 19:01:11	14.72	43.11	27.78	8.64	7.98	5.7	1.628	101.0	3.0	2.8	0.7
223	3/16/2014 19:16:12	14.71	43.20	27.84	8.65	7.98	6.2	1.640	101.1	3.2	3.0	0.8
224	3/16/2014 19:31:12	14.65	43.22	27.86	8.55	7.97	6.1	1.715	99.9	2.8	2.6	0.6
225	3/16/2014 19:46:12	14.61	43.12	27.78	8.51	7.96	5.5	1.779	99.3	3.4	3.2	0.8
226	3/16/2014 20:01:12	14.55	42.93	27.65	8.55	7.96	6.6	1.844	99.5	3.5	3.3	0.8
227	3/16/2014 20:16:12	14.55	43.12	27.78	8.49	7.96	6.3	1.914	98.9	3.3	3.1	0.8
228	3/16/2014 20:31:12	14.52	43.26	27.88	8.46	7.96	6.4	2.009	98.6	3.3	3.1	0.8
229	3/16/2014 20:46:12	14.49	43.23	27.86	8.46	7.96	6.1	2.098	98.5	3.4	3.2	0.8
230	3/16/2014 21:01:12	14.26	43.92	28.35	8.44	7.96	6.6	2.183	98.0	3.1	2.9	0.7
231	3/16/2014 21:16:12	14.22	44.00	28.40	8.41	7.96	5.6	2.287	97.7	2.9	2.7	0.7
232	3/16/2014 21:31:12	14.07	44.36	28.66	8.40	7.96	6.4	2.364	97.5	2.9	2.7	0.7
233	3/16/2014 21:46:12	13.93	44.66	28.87	8.41	7.96	7.5	2.415	97.4	2.9	2.7	0.7
234	3/16/2014 22:01:12	13.86	44.96	29.08	8.41	7.96	7.4	2.534	97.3	2.6	2.4	0.6
235	3/16/2014 22:16:12	13.82	45.05	29.15	8.43	7.97	7.4	2.626	97.6	3.0	2.8	0.7
236	3/16/2014 22:31:12	13.64	45.50	29.47	8.48	7.97	10.2	2.706	98.0	2.9	2.7	0.7
237	3/16/2014 22:46:12	13.49	45.74	29.63	8.52	7.97	10.9	2.815	98.2	2.6	2.4	0.6
238	3/16/2014 23:01:12	13.36	45.97	29.79	8.52	7.97	13.3	2.905	98.1	2.5	2.4	0.6
239	3/16/2014 23:16:12	13.24	46.20	29.96	8.54	7.98	11.0	2.968	98.2	2.6	2.4	0.6
240	3/16/2014 23:31:12	13.05	46.44	30.12	8.57	7.98	13.9	3.067	98.3	2.5	2.4	0.6
241	3/16/2014 23:46:12	12.82	47.10	30.59	8.58	7.98	15.4	3.185	98.2	2.0	1.9	0.5
242	3/17/2014 0:01:12	12.44	47.88	31.13	8.74	7.98	16.4	3.260	99.5	2.8	2.6	0.7
243	3/17/2014 0:16:12	12.15	48.37	31.48	8.95	7.99	13.3	3.391	101.5	2.7	2.5	0.6
244	3/17/2014 0:31:12	12.00	48.53	31.59	9.05	7.99	12.8	3.467	102.4	1.5	1.4	0.4
245	3/17/2014 0:46:12	11.89	48.78	31.77	9.11	8.00	11.5	3.533	103.0	1.7	1.6	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
246	3/17/2014 1:01:12	11.82	48.78	31.76	9.16	8.00	9.7	3.557	103.4	1.9	1.8	0.5
247	3/17/2014 1:16:12	11.79	48.73	31.73	9.09	7.99	7.4	3.543	102.6	1.3	1.2	0.3
248	3/17/2014 1:31:12	11.70	48.90	31.84	9.12	8.00	8.0	3.574	102.7	1.7	1.6	0.4
249	3/17/2014 1:46:12	12.16	48.10	31.28	8.94	7.99	13.0	3.569	101.4	2.6	2.4	0.6
250	3/17/2014 2:01:12	12.30	47.85	31.11	8.78	7.99	22.1	3.467	99.7	3.0	2.8	0.7
251	3/17/2014 2:16:12	12.32	47.62	30.94	8.80	7.99	18.8	3.431	99.8	2.8	2.6	0.7
252	3/17/2014 2:31:12	12.18	48.05	31.25	8.86	7.99	16.7	3.341	100.4	2.9	2.7	0.7
253	3/17/2014 2:46:12	12.32	47.49	30.85	8.87	7.99	14.1	3.221	100.6	2.2	2.1	0.5
254	3/17/2014 3:01:12	12.78	46.64	30.26	8.57	7.98	20.3	3.113	97.7	2.8	2.6	0.7
255	3/17/2014 3:16:12	12.97	46.17	29.93	8.47	7.97	21.1	3.028	96.8	3.0	2.8	0.7
256	3/17/2014 3:31:12	12.86	46.49	30.15	8.45	7.97	21.8	2.933	96.5	3.4	3.2	0.8
257	3/17/2014 3:46:12	12.76	46.53	30.17	8.48	7.97	22.2	2.824	96.6	4.3	4.0	1.0
258	3/17/2014 4:01:12	13.23	45.38	29.37	8.42	7.96	25.0	2.704	96.5	3.3	3.1	0.8
259	3/17/2014 4:16:12	13.44	44.83	28.98	8.42	7.96	24.9	2.566	96.6	3.7	3.5	0.9
260	3/17/2014 4:31:12	13.00	45.45	29.41	8.42	7.95	23.2	2.449	96.0	3.7	3.5	0.9
261	3/17/2014 4:46:12	12.98	45.37	29.35	8.40	7.95	21.7	2.355	95.7	3.3	3.1	0.8
262	3/17/2014 5:01:12	13.43	44.40	28.67	8.31	7.94	21.8	2.243	95.2	3.4	3.2	0.8
263	3/17/2014 5:16:12	13.33	44.38	28.65	8.30	7.94	20.2	2.133	94.8	3.1	2.9	0.7
264	3/17/2014 5:31:12	13.58	43.85	28.28	8.28	7.93	20.0	2.024	94.9	3.7	3.5	0.9
265	3/17/2014 5:46:12	13.55	43.85	28.28	8.25	7.93	20.4	1.921	94.4	2.7	2.5	0.6
266	3/17/2014 6:01:12	13.49	43.83	28.26	8.24	7.93	20.3	1.836	94.3	3.3	3.1	0.8
267	3/17/2014 6:16:12	13.54	43.54	28.06	8.25	7.93	20.0	1.727	94.3	3.4	3.2	0.8
268	3/17/2014 6:31:12	13.63	43.25	27.85	8.21	7.92	19.7	1.657	94.0	3.9	3.7	0.9
269	3/17/2014 6:46:12	13.62	43.38	27.95	8.17	7.92	17.5	1.622	93.5	3.8	3.6	0.9
270	3/17/2014 7:01:12	13.69	43.32	27.90	8.06	7.91	15.5	1.570	92.4	3.2	3.0	0.7
271	3/17/2014 7:16:12	13.63	43.13	27.77	8.15	7.92	15.2	1.556	93.2	3.9	3.7	0.9
272	3/17/2014 7:31:12	13.69	43.24	27.85	8.17	7.92	15.6	1.602	93.5	3.2	3.0	0.8
273	3/17/2014 7:46:12	13.66	43.37	27.94	8.17	7.92	13.9	1.642	93.6	2.8	2.6	0.7
274	3/17/2014 8:01:12	13.70	43.40	27.96	8.18	7.92	14.5	1.705	93.8	3.3	3.1	0.8
275	3/17/2014 8:16:12	13.66	43.46	28.01	8.17	7.92	16.1	1.789	93.6	3.1	2.9	0.7
276	3/17/2014 8:31:12	13.69	43.37	27.94	8.16	7.92	23.1	1.867	93.5	3.1	2.9	0.7
277	3/17/2014 8:46:12	13.60	43.21	27.83	8.21	7.92	16.6	1.939	93.8	3.4	3.2	0.8
278	3/17/2014 9:01:12	13.63	43.28	27.87	8.17	7.92	16.5	2.057	93.4	3.4	3.2	0.8
279	3/17/2014 9:16:12	13.59	43.68	28.16	8.17	7.92	24.1	2.139	93.6	3.7	3.5	0.9
280	3/17/2014 9:31:12	13.50	43.46	28.00	8.28	7.92	14.1	2.193	94.5	2.9	2.7	0.7
281	3/17/2014 9:46:12	13.43	43.64	28.13	8.26	7.93	13.7	2.311	94.2	3.1	2.9	0.7
282	3/17/2014 10:01:12	13.39	44.26	28.57	8.30	7.94	12.5	2.413	94.9	2.8	2.6	0.7
283	3/17/2014 10:16:12	13.30	45.12	29.18	8.34	7.95	14.7	2.482	95.5	2.4	2.3	0.6
284	3/17/2014 10:31:13	13.23	45.27	29.29	8.41	7.96	13.9	2.574	96.3	2.7	2.5	0.6
285	3/17/2014 10:46:12	13.17	45.38	29.37	8.46	7.96	12.8	2.663	96.8	2.2	2.1	0.5
286	3/17/2014 11:01:12	13.10	45.55	29.49	8.47	7.96	13.7	2.747	96.8	2.1	2.0	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
287	3/17/2014 11:16:12	12.97	45.85	29.69	8.52	7.96	15.8	2.822	97.2	2.6	2.4	0.6
288	3/17/2014 11:31:12	12.88	45.99	29.79	8.57	7.97	15.8	2.909	97.7	2.3	2.2	0.5
289	3/17/2014 11:46:12	12.77	46.29	30.00	8.63	7.97	16.3	2.992	98.2	2.2	2.1	0.5
290	3/17/2014 12:01:12	12.62	46.35	30.04	8.68	7.97	17.8	3.071	98.6	2.6	2.4	0.6
291	3/17/2014 12:16:12	12.53	46.65	30.26	8.74	7.97	16.9	3.137	99.2	2.8	2.6	0.7
292	3/17/2014 12:31:12	12.44	46.86	30.40	8.77	7.98	15.2	3.207	99.4	2.2	2.1	0.5
293	3/17/2014 12:46:12	12.32	47.26	30.69	8.84	7.98	12.8	3.253	100.1	2.2	2.1	0.5
294	3/17/2014 13:01:13	12.16	47.50	30.85	8.94	7.99	10.4	3.314	101.0	1.8	1.7	0.4
295	3/17/2014 13:16:12	12.05	47.71	31.00	9.06	7.99	10.4	3.367	102.2	1.9	1.8	0.4
296	3/17/2014 13:31:12	12.04	47.80	31.06	8.93	7.99	7.8	3.370	100.8	1.6	1.5	0.4
297	3/17/2014 13:46:12	12.06	47.69	30.98	8.93	7.98	9.2	3.372	100.9	1.7	1.6	0.4
298	3/17/2014 14:01:13	12.43	47.37	30.77	8.93	7.99	18.4	3.373	101.5	2.7	2.5	0.6
299	3/17/2014 14:16:12	12.45	47.42	30.81	9.08	8.00	33.9	3.308	103.2	3.4	3.2	0.8
300	3/17/2014 14:31:13	12.30	47.75	31.04	9.06	8.00	47.6	3.253	102.8	3.9	3.7	0.9
301	3/17/2014 14:46:13	12.26	47.68	30.99	9.09	8.00	54.4	3.194	103.1	4.9	4.6	1.1
302	3/17/2014 15:01:13	12.41	47.63	30.96	9.02	7.99	48.2	3.094	102.6	4.3	4.0	1.0
303	3/17/2014 15:16:13	12.69	47.03	30.53	8.96	7.99	71.7	3.008	102.2	5.4	5.1	1.3
304	3/17/2014 15:31:12	13.04	46.33	30.04	8.82	7.98	87.5	2.895	101.0	6.0	5.6	1.4
305	3/17/2014 15:46:12	13.29	45.82	29.68	8.76	7.98	110.2	2.816	100.6	7.1	6.7	1.7
306	3/17/2014 16:01:12	13.41	45.51	29.46	8.66	7.97	88.1	2.734	99.6	5.9	5.5	1.4
307	3/17/2014 16:16:12	13.44	45.34	29.34	8.70	7.97	92.5	2.616	100.1	6.2	5.8	1.5
308	3/17/2014 16:31:12	13.60	44.61	28.82	8.78	7.96	76.3	2.502	100.9	5.9	5.5	1.4
309	3/17/2014 16:46:12	13.72	44.26	28.57	8.65	7.95	88.8	2.399	99.6	6.8	6.4	1.6
310	3/17/2014 17:01:12	13.62	44.53	28.77	8.68	7.96	80.5	2.288	99.9	6.0	5.6	1.4
311	3/17/2014 17:16:12	13.61	44.45	28.71	8.69	7.97	85.5	2.188	100.0	6.4	6.0	1.5
312	3/17/2014 17:31:12	13.59	44.41	28.68	8.66	7.97	98.4	2.092	99.5	6.8	6.4	1.6
313	3/17/2014 17:46:12	13.60	44.26	28.58	8.63	7.96	105.4	1.971	99.1	6.9	6.5	1.6
314	3/17/2014 18:01:12	13.58	44.11	28.46	8.64	7.96	88.8	1.864	99.1	6.3	5.9	1.5
315	3/17/2014 18:16:12	13.55	43.98	28.37	8.63	7.96	78.9	1.787	98.8	6.4	6.0	1.5
316	3/17/2014 18:31:12	13.48	43.95	28.35	8.59	7.96	61.5	1.705	98.3	5.8	5.5	1.4
317	3/17/2014 18:46:12	13.48	43.87	28.29	8.56	7.95	63.3	1.622	97.8	6.4	6.0	1.5
318	3/17/2014 19:01:12	13.51	43.76	28.21	8.50	7.95	51.2	1.596	97.2	6.0	5.6	1.4
319	3/17/2014 19:16:12	13.57	43.59	28.09	8.40	7.94	38.9	1.558	96.1	6.1	5.7	1.4
320	3/17/2014 19:31:12	13.56	43.44	27.99	8.37	7.93	37.4	1.576	95.7	6.3	5.9	1.5
321	3/17/2014 19:46:12	13.55	43.64	28.13	8.52	7.94	42.3	1.598	97.5	5.9	5.5	1.4
322	3/17/2014 20:01:12	13.62	43.14	27.77	8.54	7.93	43.0	1.639	97.6	6.8	6.4	1.6
323	3/17/2014 20:16:12	13.64	42.98	27.66	8.53	7.92	45.6	1.697	97.5	7.9	7.4	1.9
324	3/17/2014 20:31:12	13.70	43.23	27.84	8.47	7.92	44.4	1.773	97.0	7.2	6.8	1.7
325	3/17/2014 20:46:12	13.69	43.29	27.89	8.46	7.92	44.4	1.846	96.9	7.3	6.9	1.7
326	3/17/2014 21:01:12	13.66	42.83	27.55	8.53	7.92	42.7	1.950	97.5	6.6	6.2	1.6
327	3/17/2014 21:16:12	13.75	42.88	27.59	8.48	7.92	42.9	2.028	97.1	6.8	6.4	1.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
328	3/17/2014 21:31:12	13.64	43.32	27.90	8.48	7.92	51.8	2.116	97.1	7.6	7.1	1.8
329	3/17/2014 21:46:12	13.48	43.58	28.08	8.54	7.94	37.2	2.222	97.6	5.9	5.5	1.4
330	3/17/2014 22:01:12	13.35	44.34	28.63	8.60	7.95	29.1	2.312	98.2	5.1	4.8	1.2
331	3/17/2014 22:16:12	13.26	44.82	28.96	8.63	7.96	27.2	2.397	98.7	4.4	4.1	1.0
332	3/17/2014 22:31:12	13.23	44.86	28.99	8.66	7.96	22.3	2.493	98.9	4.2	3.9	1.0
333	3/17/2014 22:46:12	13.14	44.85	28.98	8.67	7.96	23.3	2.584	98.8	4.0	3.8	0.9
334	3/17/2014 23:01:12	12.97	45.34	29.33	8.72	7.96	25.5	2.675	99.3	3.7	3.5	0.9
335	3/17/2014 23:16:13	12.90	45.95	29.76	8.71	7.97	31.9	2.763	99.3	4.2	3.9	1.0
336	3/17/2014 23:31:12	12.81	46.11	29.88	8.75	7.97	46.3	2.848	99.7	4.9	4.6	1.2
337	3/17/2014 23:46:12	12.71	46.23	29.96	8.78	7.97	52.1	2.929	99.8	4.6	4.3	1.1
338	3/18/2014 0:01:12	12.58	46.42	30.09	8.81	7.98	54.0	3.005	100.0	4.8	4.5	1.1
339	3/18/2014 0:16:12	12.40	46.80	30.36	8.87	7.98	45.2	3.088	100.5	4.3	4.0	1.0
340	3/18/2014 0:31:12	12.20	47.34	30.74	8.94	7.99	39.4	3.163	101.0	4.2	3.9	1.0
341	3/18/2014 0:46:12	12.01	47.86	31.10	9.04	7.99	39.6	3.237	102.0	4.2	3.9	1.0
342	3/18/2014 1:01:12	11.93	48.01	31.21	9.09	8.00	20.3	3.298	102.4	3.0	2.8	0.7
343	3/18/2014 1:16:12	11.83	48.27	31.39	9.11	8.00	15.8	3.348	102.6	2.4	2.3	0.6
344	3/18/2014 1:31:12	11.76	48.28	31.40	9.15	8.01	14.2	3.387	102.9	2.3	2.2	0.5
345	3/18/2014 1:46:12	11.75	48.40	31.49	9.09	8.01	10.6	3.418	102.3	3.1	2.9	0.7
346	3/18/2014 2:01:12	11.81	48.27	31.39	8.96	8.00	12.4	3.426	100.9	2.3	2.2	0.5
347	3/18/2014 2:16:12	11.75	48.60	31.63	9.02	8.00	12.6	3.404	101.5	2.3	2.2	0.5
348	3/18/2014 2:31:12	12.19	46.61	30.21	8.72	7.98	39.1	3.363	98.2	3.4	3.2	0.8
349	3/18/2014 2:46:12	12.25	46.74	30.31	8.75	7.98	21.9	3.303	98.7	3.4	3.2	0.8
350	3/18/2014 3:01:12	12.21	46.43	30.09	8.73	7.97	19.8	3.226	98.3	2.7	2.5	0.6
351	3/18/2014 3:16:12	12.16	46.50	30.13	8.75	7.97	15.5	3.124	98.5	2.8	2.6	0.7
352	3/18/2014 3:31:12	12.25	46.15	29.89	8.71	7.97	62.6	3.022	98.0	4.1	3.9	1.0
353	3/18/2014 3:46:12	12.17	46.78	30.34	8.74	7.98	26.7	2.941	98.5	3.4	3.2	0.8
354	3/18/2014 4:01:12	12.34	46.05	29.81	8.54	7.96	15.3	2.838	96.2	2.3	2.2	0.5
355	3/18/2014 4:16:12	12.45	45.88	29.70	8.55	7.95	22.2	2.728	96.5	3.3	3.1	0.8
356	3/18/2014 4:31:12	12.49	45.62	29.51	8.53	7.95	20.0	2.625	96.2	3.6	3.4	0.8
357	3/18/2014 4:46:12	12.34	45.75	29.60	8.55	7.95	15.6	2.509	96.3	2.6	2.4	0.6
358	3/18/2014 5:01:12	12.36	45.61	29.50	8.48	7.95	18.4	2.398	95.4	3.3	3.1	0.8
359	3/18/2014 5:16:12	12.65	44.81	28.94	8.40	7.94	30.0	2.284	94.8	3.9	3.7	0.9
360	3/18/2014 5:31:12	12.47	44.96	29.04	8.39	7.93	24.8	2.158	94.3	3.9	3.7	0.9
361	3/18/2014 5:46:12	12.46	44.73	28.87	8.29	7.93	26.1	2.038	93.2	3.7	3.5	0.9
362	3/18/2014 6:01:12	12.49	44.44	28.67	8.27	7.93	24.3	1.925	92.8	3.6	3.4	0.8
363	3/18/2014 6:16:12	12.34	44.63	28.80	8.20	7.92	24.5	1.802	91.8	4.0	3.8	0.9
364	3/18/2014 6:31:12	12.32	44.40	28.63	8.18	7.92	22.7	1.691	91.5	4.5	4.2	1.1
365	3/18/2014 6:46:12	12.33	44.12	28.44	8.14	7.92	21.9	1.609	90.9	3.7	3.5	0.9
366	3/18/2014 7:01:12	12.35	44.14	28.45	8.11	7.92	20.2	1.515	90.7	3.7	3.5	0.9
367	3/18/2014 7:16:12	12.33	44.09	28.41	8.08	7.92	18.9	1.452	90.3	4.0	3.8	0.9
368	3/18/2014 7:31:12	12.34	44.04	28.38	8.04	7.92	16.6	1.420	89.8	3.4	3.2	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
369	3/18/2014 7:46:12	12.31	44.08	28.41	7.85	7.92	13.0	1.390	87.6	3.6	3.4	0.8
370	3/18/2014 8:01:12	12.29	44.04	28.37	8.06	7.92	14.9	1.423	90.0	3.8	3.6	0.9
371	3/18/2014 8:16:12	12.37	44.07	28.40	8.06	7.92	15.1	1.451	90.1	3.4	3.2	0.8
372	3/18/2014 8:31:12	12.43	44.06	28.39	8.11	7.92	15.1	1.487	90.7	3.5	3.3	0.8
373	3/18/2014 8:46:12	12.45	44.01	28.36	8.13	7.92	14.9	1.585	91.0	3.5	3.3	0.8
374	3/18/2014 9:01:12	12.31	43.76	28.17	8.14	7.91	17.8	1.666	90.7	3.3	3.1	0.8
375	3/18/2014 9:16:13	12.37	43.81	28.21	8.12	7.91	16.7	1.748	90.7	3.4	3.2	0.8
376	3/18/2014 9:31:12	12.40	43.70	28.13	8.11	7.90	16.1	1.836	90.6	3.0	2.8	0.7
377	3/18/2014 9:46:12	12.48	43.89	28.28	8.11	7.91	19.7	1.933	90.8	2.9	2.7	0.7
378	3/18/2014 10:01:12	12.52	44.59	28.78	8.21	7.92	22.4	2.018	92.2	3.4	3.2	0.8
379	3/18/2014 10:16:12	12.51	44.72	28.87	8.25	7.92	16.8	2.102	92.7	3.2	3.0	0.8
380	3/18/2014 10:31:12	12.51	45.06	29.11	8.26	7.93	15.6	2.195	93.1	3.0	2.8	0.7
381	3/18/2014 10:46:13	12.55	45.25	29.25	8.34	7.94	18.4	2.285	94.1	3.3	3.1	0.8
382	3/18/2014 11:01:12	12.55	45.34	29.31	8.40	7.94	16.1	2.375	94.8	2.8	2.6	0.7
383	3/18/2014 11:16:12	12.55	45.50	29.43	8.45	7.95	17.8	2.465	95.5	3.3	3.1	0.8
384	3/18/2014 11:31:12	12.50	45.66	29.55	8.48	7.95	18.7	2.559	95.7	2.8	2.6	0.7
385	3/18/2014 11:46:12	12.43	45.99	29.78	8.52	7.96	21.4	2.642	96.2	3.0	2.8	0.7
386	3/18/2014 12:01:12	12.35	46.18	29.91	8.57	7.96	24.8	2.708	96.6	2.8	2.6	0.7
387	3/18/2014 12:16:13	12.27	46.36	30.04	8.61	7.96	26.0	2.786	97.0	3.4	3.2	0.8
388	3/18/2014 12:31:13	12.13	46.56	30.17	8.70	7.97	28.3	2.861	97.9	3.1	2.9	0.7
389	3/18/2014 12:46:13	12.06	46.66	30.24	8.74	7.97	28.1	2.940	98.2	3.4	3.2	0.8
390	3/18/2014 13:01:12	12.01	46.73	30.29	8.81	7.98	25.3	3.011	98.9	2.9	2.7	0.7
391	3/18/2014 13:16:12	11.81	47.49	30.83	8.80	7.98	31.7	3.069	98.8	3.2	3.0	0.8
392	3/18/2014 13:31:13	11.66	47.86	31.09	8.78	7.98	28.6	3.133	98.3	3.0	2.8	0.7
393	3/18/2014 13:46:13	11.51	48.30	31.40	8.81	7.99	22.3	3.183	98.5	2.8	2.6	0.6
394	3/18/2014 14:01:12	11.50	48.31	31.41	8.94	7.99	13.6	3.221	100.0	2.4	2.3	0.6
395	3/18/2014 14:16:13	11.48	48.46	31.52	8.85	7.99	12.2	3.234	99.1	2.7	2.5	0.6
396	3/18/2014 14:31:12	11.51	48.52	31.56	8.80	7.98	9.5	3.246	98.5	2.3	2.2	0.5
397	3/18/2014 14:46:12	11.51	48.50	31.55	8.84	7.99	11.6	3.225	99.0	2.6	2.4	0.6
398	3/18/2014 15:01:12	12.17	47.48	30.84	8.99	8.00	35.7	3.168	101.6	3.5	3.3	0.8
399	3/18/2014 15:16:13	12.11	47.83	31.09	9.04	8.00	32.2	3.120	102.3	3.6	3.4	0.8
400	3/18/2014 15:31:13	12.04	47.98	31.19	9.03	8.00	30.2	3.038	102.1	2.9	2.7	0.7
401	3/18/2014 15:46:13	12.19	47.59	30.92	8.96	7.99	49.8	2.961	101.4	4.2	3.9	1.0
402	3/18/2014 16:01:12	12.50	46.69	30.28	8.90	7.98	51.5	2.875	100.9	4.2	3.9	1.0
403	3/18/2014 16:16:12	12.55	46.70	30.29	8.91	7.99	48.1	2.784	101.2	4.5	4.2	1.1
404	3/18/2014 16:31:12	12.77	46.19	29.93	8.80	7.97	69.8	2.680	100.1	5.3	5.0	1.3
405	3/18/2014 16:46:12	12.85	45.95	29.76	8.78	7.97	82.7	2.570	100.0	5.5	5.2	1.3
406	3/18/2014 17:01:12	12.90	46.02	29.81	8.74	7.97	80.6	2.487	99.7	5.3	5.0	1.2
407	3/18/2014 17:16:12	13.00	45.81	29.67	8.78	7.97	65.7	2.386	100.2	5.0	4.7	1.2
408	3/18/2014 17:31:12	13.15	45.17	29.22	8.76	7.98	52.4	2.267	100.0	4.7	4.4	1.1
409	3/18/2014 17:46:12	13.23	44.84	28.98	8.76	7.97	49.3	2.182	100.1	4.4	4.1	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
410	3/18/2014 18:01:12	13.21	45.36	29.35	8.88	8.00	42.4	2.092	101.6	4.8	4.5	1.1
411	3/18/2014 18:16:12	13.22	45.07	29.14	8.63	7.96	53.2	1.992	98.6	5.0	4.7	1.2
412	3/18/2014 18:31:12	13.17	45.07	29.14	8.66	7.97	46.9	1.908	99.0	4.6	4.3	1.1
413	3/18/2014 18:46:12	13.18	44.91	29.03	8.62	7.96	40.6	1.822	98.4	3.9	3.7	0.9
414	3/18/2014 19:01:12	13.16	44.87	29.00	8.59	7.96	36.3	1.767	98.0	4.4	4.1	1.0
415	3/18/2014 19:16:12	13.15	44.85	28.98	8.56	7.95	33.5	1.718	97.6	3.9	3.7	0.9
416	3/18/2014 19:31:12	13.21	44.68	28.86	8.48	7.94	32.2	1.689	96.8	4.5	4.2	1.1
417	3/18/2014 19:46:12	13.31	44.40	28.67	8.43	7.94	29.6	1.669	96.3	4.8	4.5	1.1
418	3/18/2014 20:01:12	13.33	44.15	28.49	8.41	7.93	26.4	1.669	96.0	4.3	4.0	1.0
419	3/18/2014 20:16:12	13.34	44.28	28.58	8.22	7.92	21.7	1.695	93.9	4.1	3.9	1.0
420	3/18/2014 20:31:12	13.35	44.06	28.43	8.43	7.94	28.6	1.735	96.2	4.8	4.5	1.1
421	3/18/2014 20:46:12	13.38	44.19	28.52	8.45	7.93	28.5	1.788	96.6	4.6	4.3	1.1
422	3/18/2014 21:01:12	13.32	44.33	28.62	8.38	7.93	27.2	1.858	95.7	4.1	3.9	1.0
423	3/18/2014 21:16:12	13.29	44.55	28.78	8.34	7.92	27.6	1.945	95.2	4.7	4.4	1.1
424	3/18/2014 21:31:12	13.38	44.15	28.49	8.44	7.93	28.6	2.024	96.4	4.4	4.1	1.0
425	3/18/2014 21:46:12	13.35	44.16	28.50	8.36	7.92	26.0	2.105	95.5	4.1	3.9	1.0
426	3/18/2014 22:01:12	13.31	44.54	28.76	8.38	7.92	57.3	2.203	95.7	5.8	5.5	1.4
427	3/18/2014 22:16:12	13.19	44.57	28.78	8.43	7.93	30.5	2.298	96.1	4.5	4.2	1.1
428	3/18/2014 22:31:12	13.04	45.08	29.15	8.49	7.94	28.2	2.378	96.7	3.6	3.4	0.8
429	3/18/2014 22:46:13	12.89	45.39	29.37	8.61	7.95	29.2	2.478	97.9	3.7	3.5	0.9
430	3/18/2014 23:01:13	12.74	45.86	29.69	8.66	7.96	24.9	2.570	98.3	3.4	3.2	0.8
431	3/18/2014 23:16:12	12.56	46.31	30.01	8.65	7.96	31.1	2.655	98.0	3.5	3.3	0.8
432	3/18/2014 23:31:13	12.36	46.94	30.46	8.64	7.96	34.0	2.753	97.9	3.7	3.5	0.9
433	3/18/2014 23:46:13	12.25	47.14	30.60	8.64	7.97	40.5	2.842	97.7	3.9	3.7	0.9
434	3/19/2014 0:01:13	12.15	47.30	30.71	8.63	7.97	53.0	2.931	97.5	4.9	4.6	1.2
435	3/19/2014 0:16:13	12.05	47.44	30.81	8.65	7.97	32.1	3.025	97.5	3.8	3.6	0.9
436	3/19/2014 0:31:13	11.90	47.61	30.92	8.66	7.97	31.6	3.111	97.4	3.6	3.4	0.8
437	3/19/2014 0:46:12	11.63	48.13	31.29	8.58	7.96	35.4	3.207	96.2	3.2	3.0	0.7
438	3/19/2014 1:01:13	11.41	48.88	31.81	8.49	7.96	33.8	3.287	95.0	3.3	3.1	0.8
439	3/19/2014 1:16:12	11.27	49.03	31.91	8.47	7.95	33.1	3.364	94.6	3.1	2.9	0.7
440	3/19/2014 1:31:12	11.18	49.19	32.03	8.46	7.95	21.6	3.428	94.3	3.0	2.8	0.7
441	3/19/2014 1:46:12	11.14	49.43	32.20	8.45	7.95	16.0	3.489	94.2	1.9	1.8	0.4
442	3/19/2014 2:01:13	11.08	49.62	32.33	8.46	7.96	13.8	3.533	94.3	1.8	1.7	0.4
443	3/19/2014 2:16:13	11.05	49.63	32.34	8.38	7.95	10.0	3.554	93.4	1.5	1.4	0.4
444	3/19/2014 2:31:13	11.11	49.57	32.30	8.37	7.95	11.7	3.572	93.4	1.7	1.6	0.4
445	3/19/2014 2:46:12	11.10	49.48	32.24	8.41	7.95	16.7	3.535	93.7	2.0	1.9	0.5
446	3/19/2014 3:01:12	11.28	49.11	31.97	8.42	7.95	17.5	3.469	94.0	2.1	2.0	0.5
447	3/19/2014 3:16:12	11.57	47.70	30.97	8.49	7.96	15.6	3.409	94.8	2.4	2.3	0.6
448	3/19/2014 3:31:12	11.56	48.27	31.38	8.44	7.95	13.7	3.317	94.5	2.2	2.1	0.5
449	3/19/2014 3:46:12	11.59	48.11	31.26	8.43	7.95	31.8	3.213	94.4	2.9	2.7	0.7
450	3/19/2014 4:01:12	11.80	47.21	30.63	8.50	7.96	43.2	3.107	95.2	3.9	3.7	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
451	3/19/2014 4:16:13	11.79	47.08	30.53	8.44	7.95	16.2	3.007	94.4	2.7	2.5	0.6
452	3/19/2014 4:31:13	11.83	47.06	30.52	8.48	7.95	16.2	2.897	95.0	2.6	2.4	0.6
453	3/19/2014 4:46:12	11.93	46.79	30.33	8.49	7.95	17.7	2.776	95.2	2.6	2.4	0.6
454	3/19/2014 5:01:12	11.93	46.93	30.43	8.45	7.95	18.4	2.662	94.8	2.4	2.3	0.6
455	3/19/2014 5:16:13	12.13	46.57	30.18	8.41	7.95	15.8	2.560	94.6	2.9	2.7	0.7
456	3/19/2014 5:31:13	11.95	46.92	30.42	8.38	7.94	12.0	2.447	94.0	2.5	2.4	0.6
457	3/19/2014 5:46:13	12.38	45.80	29.64	8.31	7.94	28.0	2.325	93.7	3.3	3.1	0.8
458	3/19/2014 6:01:13	12.15	46.21	29.93	8.28	7.93	15.7	2.219	93.0	3.1	2.9	0.7
459	3/19/2014 6:16:13	12.19	46.00	29.77	8.21	7.92	17.5	2.091	92.3	3.0	2.8	0.7
460	3/19/2014 6:31:12	12.30	45.46	29.39	8.16	7.92	18.4	1.976	91.7	3.3	3.1	0.8
461	3/19/2014 6:46:13	12.33	45.15	29.17	8.13	7.92	20.2	1.854	91.2	3.3	3.1	0.8
462	3/19/2014 7:01:13	12.35	44.92	29.01	8.12	7.92	20.6	1.746	91.1	3.2	3.0	0.8
463	3/19/2014 7:16:13	12.34	44.78	28.91	8.12	7.92	19.8	1.634	91.0	3.4	3.2	0.8
464	3/19/2014 7:31:13	12.38	44.66	28.82	8.12	7.92	18.6	1.539	91.0	3.1	2.9	0.7
465	3/19/2014 7:46:13	12.41	44.53	28.73	8.07	7.92	17.0	1.486	90.5	3.6	3.4	0.8
466	3/19/2014 8:01:13	12.43	44.45	28.67	8.04	7.92	16.7	1.417	90.1	3.0	2.8	0.7
467	3/19/2014 8:16:12	12.44	44.24	28.52	7.98	7.91	12.5	1.395	89.4	3.4	3.2	0.8
468	3/19/2014 8:31:13	12.41	44.53	28.73	8.05	7.92	14.1	1.406	90.2	2.9	2.7	0.7
469	3/19/2014 8:46:13	12.46	44.54	28.74	8.06	7.92	13.9	1.431	90.5	2.8	2.6	0.7
470	3/19/2014 9:01:12	12.44	44.60	28.78	8.05	7.92	14.3	1.468	90.4	2.9	2.7	0.7
471	3/19/2014 9:16:12	12.46	44.52	28.73	8.09	7.92	13.4	1.543	90.8	2.6	2.4	0.6
472	3/19/2014 9:31:13	12.50	44.59	28.77	8.17	7.93	12.5	1.631	91.8	3.5	3.3	0.8
473	3/19/2014 9:46:13	12.44	44.45	28.67	8.13	7.92	14.0	1.704	91.2	3.3	3.1	0.8
474	3/19/2014 10:01:13	12.42	44.41	28.64	8.10	7.91	13.7	1.802	90.8	2.7	2.5	0.6
475	3/19/2014 10:16:13	12.44	44.61	28.79	8.06	7.91	13.9	1.882	90.4	3.0	2.8	0.7
476	3/19/2014 10:31:13	12.42	44.78	28.91	8.11	7.92	16.5	1.968	91.0	2.9	2.7	0.7
477	3/19/2014 10:46:13	12.38	45.35	29.32	8.14	7.92	13.4	2.058	91.6	3.0	2.8	0.7
478	3/19/2014 11:01:13	12.36	45.54	29.45	8.15	7.92	12.3	2.137	91.6	2.5	2.4	0.6
479	3/19/2014 11:16:12	12.33	45.64	29.52	8.21	7.93	13.7	2.223	92.3	2.8	2.6	0.6
480	3/19/2014 11:31:12	12.33	45.94	29.73	8.30	7.94	12.7	2.314	93.6	2.7	2.5	0.6
481	3/19/2014 11:46:13	12.31	46.20	29.92	8.35	7.94	12.3	2.406	94.1	2.7	2.5	0.6
482	3/19/2014 12:01:13	12.30	46.21	29.93	8.38	7.95	11.8	2.480	94.5	2.1	2.0	0.5
483	3/19/2014 12:16:13	12.25	46.28	29.98	8.39	7.94	14.8	2.569	94.5	2.3	2.2	0.5
484	3/19/2014 12:31:13	12.20	46.68	30.26	8.39	7.94	15.6	2.653	94.6	2.9	2.7	0.7
485	3/19/2014 12:46:13	12.18	46.75	30.31	8.39	7.95	15.1	2.735	94.5	2.7	2.5	0.6
486	3/19/2014 13:01:13	12.18	46.91	30.43	8.46	7.95	17.6	2.813	95.4	2.7	2.5	0.6
487	3/19/2014 13:16:13	12.04	46.96	30.46	8.45	7.95	19.4	2.886	95.0	2.6	2.4	0.6
488	3/19/2014 13:31:13	11.97	47.15	30.59	8.46	7.95	20.2	2.973	95.1	2.3	2.2	0.5
489	3/19/2014 13:46:12	11.76	47.40	30.76	8.43	7.94	25.1	3.031	94.4	2.9	2.7	0.7
490	3/19/2014 14:01:13	11.43	48.36	31.44	8.27	7.94	34.6	3.093	92.4	2.9	2.7	0.7
491	3/19/2014 14:16:13	11.24	48.75	31.71	8.26	7.93	24.5	3.156	92.0	2.6	2.4	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
492	3/19/2014 14:31:13	11.18	49.03	31.91	8.23	7.93	20.5	3.190	91.7	2.1	2.0	0.5
493	3/19/2014 14:46:13	11.17	49.13	31.98	8.23	7.93	12.1	3.210	91.7	1.6	1.5	0.4
494	3/19/2014 15:01:13	11.09	49.27	32.08	8.18	7.93	10.2	3.231	91.1	1.8	1.7	0.4
495	3/19/2014 15:16:13	11.17	49.03	31.91	8.18	7.93	11.1	3.226	91.2	1.6	1.5	0.4
496	3/19/2014 15:31:13	11.70	48.63	31.65	8.39	7.95	14.0	3.195	94.3	1.8	1.7	0.4
497	3/19/2014 15:46:13	11.59	48.63	31.64	8.31	7.94	15.9	3.148	93.2	2.2	2.1	0.5
498	3/19/2014 16:01:13	12.16	47.92	31.16	8.55	7.96	22.8	3.097	96.8	2.2	2.1	0.5
499	3/19/2014 16:16:13	12.18	47.67	30.98	8.61	7.96	26.1	3.012	97.4	3.1	2.9	0.7
500	3/19/2014 16:31:13	12.32	47.82	31.09	8.76	7.97	26.0	2.924	99.5	2.9	2.7	0.7
501	3/19/2014 16:46:13	12.53	47.45	30.83	8.75	7.97	30.7	2.849	99.7	2.9	2.7	0.7
502	3/19/2014 17:01:13	12.74	47.09	30.58	8.78	7.98	32.3	2.749	100.3	3.2	3.0	0.8
503	3/19/2014 17:16:12	12.78	46.73	30.32	8.86	7.98	27.7	2.658	101.1	3.3	3.1	0.8
504	3/19/2014 17:31:12	12.91	46.49	30.15	8.76	7.98	35.9	2.571	100.1	3.4	3.2	0.8
505	3/19/2014 17:46:12	12.94	46.40	30.09	8.72	7.97	35.4	2.495	99.7	4.0	3.8	0.9
506	3/19/2014 18:01:13	13.10	45.78	29.65	8.85	7.98	29.0	2.391	101.3	3.4	3.2	0.8
507	3/19/2014 18:16:12	13.08	45.97	29.79	8.68	7.97	38.0	2.286	99.4	3.9	3.7	0.9
508	3/19/2014 18:31:12	13.24	45.37	29.36	8.74	7.97	28.7	2.214	100.1	3.9	3.7	0.9
509	3/19/2014 18:46:12	13.30	45.24	29.27	8.70	7.97	32.5	2.118	99.7	3.9	3.7	0.9
510	3/19/2014 19:01:12	13.25	45.34	29.34	8.74	7.98	34.6	2.041	100.1	4.3	4.0	1.0
511	3/19/2014 19:16:12	13.18	45.52	29.46	8.76	7.99	31.1	1.989	100.3	4.3	4.0	1.0
512	3/19/2014 19:31:12	13.28	45.22	29.25	8.70	7.97	30.2	1.915	99.7	4.1	3.9	1.0
513	3/19/2014 19:46:12	13.27	45.23	29.26	8.68	7.98	25.9	1.859	99.5	3.7	3.5	0.9
514	3/19/2014 20:01:12	13.28	45.17	29.22	8.65	7.98	24.8	1.821	99.1	3.8	3.6	0.9
515	3/19/2014 20:16:12	13.35	45.00	29.10	8.58	7.97	22.5	1.811	98.3	4.0	3.8	0.9
516	3/19/2014 20:31:12	13.27	45.15	29.20	8.49	7.96	16.6	1.799	97.2	4.0	3.8	1.0
517	3/19/2014 20:46:12	13.32	45.10	29.17	8.61	7.97	19.2	1.826	98.7	3.2	3.0	0.7
518	3/19/2014 21:01:12	13.32	45.05	29.13	8.61	7.96	18.0	1.875	98.6	3.7	3.5	0.9
519	3/19/2014 21:16:12	13.43	44.83	28.98	8.60	7.96	20.5	1.920	98.7	3.5	3.3	0.8
520	3/19/2014 21:31:12	13.45	44.94	29.06	8.57	7.95	23.0	1.980	98.4	3.6	3.4	0.9
521	3/19/2014 21:46:12	13.38	44.86	29.00	8.57	7.95	20.1	2.064	98.2	3.2	3.0	0.8
522	3/19/2014 22:01:12	13.49	44.76	28.93	8.60	7.96	20.3	2.140	98.8	3.5	3.3	0.8
523	3/19/2014 22:16:12	13.41	44.66	28.86	8.56	7.95	20.9	2.228	98.1	3.7	3.5	0.9
524	3/19/2014 22:31:12	13.27	45.25	29.27	8.49	7.94	38.5	2.304	97.2	4.2	3.9	1.0
525	3/19/2014 22:46:12	13.01	45.77	29.64	8.47	7.94	20.7	2.393	96.7	3.3	3.1	0.8
526	3/19/2014 23:01:12	12.88	46.10	29.87	8.51	7.95	18.2	2.477	97.1	3.1	2.9	0.7
527	3/19/2014 23:16:13	12.73	46.50	30.16	8.51	7.95	20.1	2.556	97.0	3.1	2.9	0.7
528	3/19/2014 23:31:12	12.59	46.65	30.26	8.53	7.95	15.0	2.642	96.9	3.0	2.8	0.7
529	3/19/2014 23:46:12	12.51	46.71	30.30	8.61	7.96	11.7	2.719	97.7	2.4	2.3	0.6
530	3/20/2014 0:01:13	12.15	47.67	30.97	8.44	7.94	20.9	2.805	95.5	2.8	2.6	0.7
531	3/20/2014 0:16:13	12.05	47.80	31.07	8.46	7.94	25.6	2.886	95.6	3.2	3.0	0.8
532	3/20/2014 0:31:13	11.94	47.99	31.19	8.48	7.94	27.2	2.982	95.6	2.9	2.7	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
533	3/20/2014 0:46:13	11.81	48.14	31.30	8.49	7.94	32.3	3.061	95.5	2.8	2.6	0.7
534	3/20/2014 1:01:13	11.65	48.38	31.46	8.52	7.94	28.0	3.146	95.6	3.1	2.9	0.7
535	3/20/2014 1:16:13	11.55	48.54	31.58	8.52	7.94	30.1	3.231	95.5	2.8	2.6	0.7
536	3/20/2014 1:31:13	11.29	49.14	32.00	8.45	7.93	31.3	3.306	94.4	3.4	3.2	0.8
537	3/20/2014 1:46:13	11.10	49.36	32.15	8.42	7.93	26.4	3.382	93.8	2.1	2.0	0.5
538	3/20/2014 2:01:13	10.99	49.65	32.35	8.46	7.93	22.8	3.456	94.2	2.1	2.0	0.5
539	3/20/2014 2:16:13	10.89	49.79	32.45	8.52	7.93	13.5	3.506	94.6	1.9	1.8	0.4
540	3/20/2014 2:31:13	10.81	50.03	32.62	8.55	7.92	11.9	3.553	94.9	1.7	1.6	0.4
541	3/20/2014 2:46:13	10.78	50.12	32.68	8.54	7.92	9.6	3.577	94.9	1.7	1.6	0.4
542	3/20/2014 3:01:13	10.89	49.80	32.45	8.47	7.92	11.4	3.567	94.1	1.8	1.7	0.4
543	3/20/2014 3:16:13	10.77	49.99	32.59	8.52	7.92	11.6	3.561	94.5	1.8	1.7	0.4
544	3/20/2014 3:31:13	11.44	48.75	31.72	8.36	7.93	13.9	3.538	93.6	2.4	2.3	0.6
545	3/20/2014 3:46:12	11.56	48.29	31.39	8.40	7.94	13.2	3.458	94.1	2.0	1.9	0.5
546	3/20/2014 4:01:13	11.55	48.34	31.43	8.41	7.94	12.0	3.374	94.2	1.9	1.8	0.4
547	3/20/2014 4:16:12	11.61	48.06	31.24	8.46	7.94	11.9	3.288	94.8	1.9	1.8	0.4
548	3/20/2014 4:31:13	11.51	48.41	31.48	8.39	7.94	22.9	3.191	93.9	2.6	2.4	0.6
549	3/20/2014 4:46:12	11.70	47.74	31.00	8.38	7.94	17.7	3.089	93.9	2.3	2.2	0.5
550	3/20/2014 5:01:12	11.79	47.64	30.94	8.39	7.94	31.0	2.970	94.2	2.9	2.7	0.7
551	3/20/2014 5:16:12	11.98	47.31	30.70	8.33	7.94	12.3	2.881	93.7	2.3	2.2	0.5
552	3/20/2014 5:31:13	11.85	47.67	30.96	8.29	7.93	9.8	2.779	93.1	2.1	2.0	0.5
553	3/20/2014 5:46:13	12.03	47.41	30.78	8.26	7.93	12.3	2.653	93.1	2.3	2.2	0.5
554	3/20/2014 6:01:13	12.11	47.11	30.57	8.25	7.93	12.3	2.540	93.0	2.9	2.7	0.7
555	3/20/2014 6:16:12	12.19	46.90	30.42	8.27	7.93	11.7	2.439	93.3	2.7	2.5	0.6
556	3/20/2014 6:31:13	12.23	46.79	30.35	8.23	7.93	13.1	2.301	92.8	2.6	2.4	0.6
557	3/20/2014 6:46:13	12.38	46.34	30.02	8.24	7.93	16.1	2.187	93.0	2.9	2.7	0.7
558	3/20/2014 7:01:13	12.41	46.14	29.88	8.13	7.92	17.2	2.082	91.8	3.2	3.0	0.8
559	3/20/2014 7:16:13	12.40	45.96	29.75	8.12	7.92	16.0	1.949	91.6	3.1	2.9	0.7
560	3/20/2014 7:31:13	12.49	45.76	29.62	8.07	7.92	16.5	1.811	91.1	3.2	3.0	0.7
561	3/20/2014 7:46:13	12.49	45.61	29.51	8.06	7.92	16.7	1.691	90.9	3.3	3.1	0.8
562	3/20/2014 8:01:13	12.58	45.19	29.21	8.05	7.92	15.9	1.607	90.8	2.8	2.6	0.7
563	3/20/2014 8:16:13	12.61	45.26	29.26	8.05	7.93	15.6	1.516	90.9	2.6	2.4	0.6
564	3/20/2014 8:31:13	12.63	45.03	29.10	8.03	7.92	18.4	1.444	90.7	3.2	3.0	0.7
565	3/20/2014 8:46:12	12.65	45.02	29.09	7.99	7.92	13.7	1.394	90.3	3.2	3.0	0.7
566	3/20/2014 9:01:13	12.68	44.98	29.06	7.83	7.92	9.7	1.379	88.5	3.0	2.8	0.7
567	3/20/2014 9:16:13	12.64	45.03	29.09	8.00	7.92	12.7	1.395	90.3	2.6	2.4	0.6
568	3/20/2014 9:31:13	12.65	45.11	29.16	8.02	7.93	12.2	1.435	90.6	2.7	2.5	0.6
569	3/20/2014 9:46:13	12.64	45.23	29.24	7.99	7.92	12.8	1.438	90.3	2.7	2.5	0.6
570	3/20/2014 10:01:12	12.73	45.11	29.16	8.10	7.93	11.6	1.535	91.7	2.6	2.4	0.6
571	3/20/2014 10:16:13	12.78	45.28	29.28	8.12	7.93	10.8	1.615	92.1	2.8	2.6	0.7
572	3/20/2014 10:31:12	12.75	44.74	28.89	8.08	7.92	11.1	1.671	91.3	2.5	2.4	0.6
573	3/20/2014 10:46:12	12.72	45.09	29.14	8.07	7.92	11.1	1.747	91.3	2.5	2.4	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
574	3/20/2014 11:01:13	12.68	45.22	29.23	8.03	7.92	10.9	1.843	90.9	2.5	2.4	0.6
575	3/20/2014 11:16:12	12.60	45.37	29.34	8.06	7.92	13.6	1.916	91.1	2.7	2.5	0.6
576	3/20/2014 11:31:12	12.75	45.10	29.15	8.12	7.92	9.8	1.993	92.0	2.9	2.7	0.7
577	3/20/2014 11:46:13	12.58	45.65	29.54	8.14	7.92	9.9	2.083	92.0	2.2	2.1	0.5
578	3/20/2014 12:01:13	12.46	46.20	29.93	8.12	7.92	11.8	2.160	91.8	2.1	2.0	0.5
579	3/20/2014 12:16:13	12.37	46.53	30.16	8.19	7.93	10.8	2.239	92.6	2.3	2.2	0.5
580	3/20/2014 12:31:13	12.37	46.67	30.27	8.26	7.94	10.3	2.318	93.5	2.0	1.9	0.5
581	3/20/2014 12:46:13	12.36	46.80	30.36	8.29	7.94	9.2	2.414	93.8	2.2	2.1	0.5
582	3/20/2014 13:01:12	12.31	46.66	30.25	8.33	7.94	10.4	2.482	94.2	2.3	2.2	0.5
583	3/20/2014 13:16:13	12.24	47.05	30.53	8.32	7.94	10.9	2.563	94.0	2.4	2.3	0.6
584	3/20/2014 13:31:12	12.21	47.20	30.63	8.33	7.94	11.4	2.636	94.1	2.3	2.2	0.5
585	3/20/2014 13:46:13	12.16	47.37	30.76	8.36	7.94	12.2	2.710	94.4	2.5	2.4	0.6
586	3/20/2014 14:01:13	12.18	47.43	30.81	8.40	7.94	11.8	2.774	94.9	2.6	2.4	0.6
587	3/20/2014 14:16:13	12.05	47.53	30.87	8.42	7.93	12.5	2.836	95.0	2.3	2.2	0.5
588	3/20/2014 14:31:13	11.98	47.71	30.99	8.43	7.93	12.7	2.901	95.0	2.1	2.0	0.5
589	3/20/2014 14:46:13	11.96	47.65	30.95	8.46	7.93	11.4	2.951	95.2	2.2	2.1	0.5
590	3/20/2014 15:01:13	11.78	47.90	31.13	8.44	7.93	11.5	3.002	94.8	2.1	2.0	0.5
591	3/20/2014 15:16:13	11.58	48.48	31.54	8.45	7.93	11.6	3.056	94.8	2.0	1.9	0.5
592	3/20/2014 15:31:13	11.59	48.53	31.57	8.50	7.93	8.7	3.085	95.3	1.7	1.6	0.4
593	3/20/2014 15:46:13	11.67	48.53	31.57	8.40	7.93	6.5	3.085	94.4	1.8	1.7	0.4
594	3/20/2014 16:01:13	11.75	48.48	31.54	8.47	7.93	7.0	3.105	95.3	1.8	1.7	0.4
595	3/20/2014 16:16:13	12.04	48.07	31.26	8.63	7.95	13.0	3.063	97.5	2.7	2.5	0.6
596	3/20/2014 16:31:13	12.25	47.84	31.10	8.77	7.96	21.0	3.026	99.5	3.1	2.9	0.7
597	3/20/2014 16:46:13	12.21	47.84	31.10	8.84	7.96	21.5	2.967	100.2	3.0	2.8	0.7
598	3/20/2014 17:01:13	12.18	47.96	31.18	8.87	7.96	23.6	2.917	100.4	3.2	3.0	0.8
599	3/20/2014 17:16:13	12.13	47.99	31.20	8.83	7.96	27.5	2.846	100.0	2.8	2.6	0.7
600	3/20/2014 17:31:13	12.21	47.84	31.10	8.85	7.96	28.4	2.773	100.3	3.6	3.4	0.8
601	3/20/2014 17:46:13	12.33	47.48	30.84	8.82	7.97	26.0	2.692	100.0	2.9	2.7	0.7
602	3/20/2014 18:01:13	12.46	47.29	30.71	8.81	7.97	31.0	2.632	100.1	3.2	3.0	0.8
603	3/20/2014 18:16:13	12.58	47.12	30.60	8.76	7.97	36.0	2.532	99.7	3.5	3.3	0.8
604	3/20/2014 18:31:13	12.59	46.84	30.39	8.78	7.97	33.0	2.453	99.8	4.0	3.8	0.9
605	3/20/2014 18:46:12	12.78	46.27	29.99	8.79	7.97	28.9	2.373	100.2	3.7	3.5	0.9
606	3/20/2014 19:01:12	12.72	46.43	30.10	8.84	7.99	29.9	2.288	100.6	3.2	3.0	0.8
607	3/20/2014 19:16:13	12.95	46.02	29.82	8.73	7.98	26.5	2.251	99.7	4.0	3.8	0.9
608	3/20/2014 19:31:13	13.04	45.84	29.69	8.77	7.98	29.4	2.161	100.3	3.5	3.3	0.8
609	3/20/2014 19:46:12	13.10	45.73	29.62	8.67	7.97	28.8	2.072	99.1	4.0	3.8	0.9
610	3/20/2014 20:01:13	13.22	45.50	29.45	8.56	7.96	31.0	2.027	98.0	3.5	3.3	0.8
611	3/20/2014 20:16:12	13.03	45.60	29.52	8.64	7.97	25.9	1.970	98.6	4.0	3.8	0.9
612	3/20/2014 20:31:12	13.14	45.59	29.51	8.58	7.97	25.1	1.932	98.2	3.5	3.3	0.8
613	3/20/2014 20:46:12	13.20	45.42	29.39	8.53	7.96	22.5	1.922	97.6	4.3	4.0	1.0
614	3/20/2014 21:01:12	13.26	45.45	29.42	8.41	7.95	18.1	1.934	96.4	4.3	4.0	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
615	3/20/2014 21:16:12	13.17	45.44	29.41	8.51	7.95	19.8	1.908	97.4	3.7	3.5	0.9
616	3/20/2014 21:31:12	13.12	45.54	29.48	8.47	7.95	19.4	1.922	96.9	3.5	3.3	0.8
617	3/20/2014 21:46:12	13.10	45.58	29.50	8.48	7.95	17.3	1.964	96.9	3.4	3.2	0.8
618	3/20/2014 22:01:12	13.22	45.39	29.38	8.51	7.95	22.0	2.025	97.5	3.7	3.5	0.9
619	3/20/2014 22:16:12	13.22	45.37	29.36	8.50	7.95	22.3	2.076	97.4	3.6	3.4	0.8
620	3/20/2014 22:31:12	13.25	45.31	29.32	8.55	7.96	21.4	2.145	97.9	3.7	3.5	0.9
621	3/20/2014 22:46:12	13.17	45.45	29.41	8.50	7.95	20.2	2.224	97.3	3.5	3.3	0.8
622	3/20/2014 23:01:12	13.04	45.70	29.59	8.47	7.94	31.0	2.288	96.8	3.8	3.6	0.9
623	3/20/2014 23:16:12	12.84	46.20	29.94	8.50	7.94	22.9	2.380	96.9	3.1	2.9	0.7
624	3/20/2014 23:31:12	12.75	46.17	29.92	8.54	7.95	19.4	2.446	97.1	2.4	2.3	0.6
625	3/20/2014 23:46:12	12.52	46.54	30.18	8.62	7.95	20.1	2.542	97.7	2.8	2.6	0.7
626	3/21/2014 0:01:12	12.45	46.80	30.36	8.66	7.95	16.4	2.616	98.1	3.1	2.9	0.7
627	3/21/2014 0:16:12	12.37	47.00	30.50	8.67	7.96	16.7	2.690	98.2	2.5	2.4	0.6
628	3/21/2014 0:31:13	12.19	47.42	30.79	8.69	7.95	12.3	2.772	98.3	2.4	2.3	0.6
629	3/21/2014 0:46:13	11.84	48.12	31.29	8.70	7.94	9.6	2.855	97.9	2.3	2.2	0.5
630	3/21/2014 1:01:13	11.63	48.76	31.74	8.72	7.94	15.5	2.928	98.0	2.2	2.1	0.5
631	3/21/2014 1:16:13	11.60	48.71	31.70	8.74	7.94	15.5	3.000	98.2	2.0	1.9	0.5
632	3/21/2014 1:31:13	11.51	48.88	31.82	8.78	7.94	22.8	3.079	98.5	2.6	2.4	0.6
633	3/21/2014 1:46:13	11.46	48.90	31.83	8.80	7.94	20.0	3.161	98.6	2.3	2.2	0.5
634	3/21/2014 2:01:13	11.30	49.26	32.09	8.83	7.94	17.9	3.244	98.7	2.1	2.0	0.5
635	3/21/2014 2:16:13	11.07	49.61	32.32	8.88	7.94	20.2	3.309	99.0	2.2	2.1	0.5
636	3/21/2014 2:31:13	10.93	49.81	32.46	8.91	7.93	17.8	3.379	99.1	2.2	2.1	0.5
637	3/21/2014 2:46:13	10.76	50.08	32.65	8.94	7.93	12.6	3.429	99.2	1.7	1.6	0.4
638	3/21/2014 3:01:13	10.67	50.20	32.73	9.03	7.93	10.0	3.472	100.1	1.7	1.6	0.4
639	3/21/2014 3:16:13	10.62	50.26	32.77	9.09	7.94	8.1	3.505	100.7	1.3	1.2	0.3
640	3/21/2014 3:31:13	10.59	50.31	32.81	9.02	7.94	6.0	3.508	99.9	1.5	1.4	0.4
641	3/21/2014 3:46:13	10.63	50.24	32.75	9.03	7.93	9.6	3.502	100.0	1.8	1.7	0.4
642	3/21/2014 4:01:13	10.67	50.20	32.73	9.01	7.93	9.1	3.467	99.9	1.6	1.5	0.4
643	3/21/2014 4:16:13	10.96	49.49	32.23	8.91	7.94	9.2	3.431	99.0	1.5	1.4	0.3
644	3/21/2014 4:31:13	11.18	49.21	32.04	8.71	7.93	11.4	3.370	97.1	1.8	1.7	0.4
645	3/21/2014 4:46:13	11.27	48.97	31.87	8.68	7.93	14.1	3.275	96.9	1.9	1.8	0.4
646	3/21/2014 5:01:13	11.23	49.08	31.95	8.75	7.94	24.1	3.195	97.6	2.1	2.0	0.5
647	3/21/2014 5:16:13	11.32	48.93	31.84	8.73	7.94	18.1	3.107	97.5	2.1	2.0	0.5
648	3/21/2014 5:31:13	11.46	48.31	31.41	8.67	7.94	18.5	3.000	96.9	2.6	2.4	0.6
649	3/21/2014 5:46:13	11.59	48.18	31.32	8.60	7.94	20.2	2.915	96.4	2.7	2.5	0.6
650	3/21/2014 6:01:13	11.72	47.68	30.96	8.51	7.94	12.0	2.805	95.4	2.3	2.2	0.5
651	3/21/2014 6:16:13	11.68	47.77	31.03	8.47	7.93	11.9	2.702	94.9	2.1	2.0	0.5
652	3/21/2014 6:31:13	11.78	47.60	30.91	8.44	7.93	12.6	2.591	94.7	1.9	1.8	0.5
653	3/21/2014 6:46:12	11.87	47.18	30.61	8.43	7.93	14.4	2.482	94.5	2.8	2.6	0.7
654	3/21/2014 7:01:13	11.75	47.38	30.75	8.38	7.93	10.3	2.378	93.8	2.7	2.5	0.6
655	3/21/2014 7:16:13	11.74	47.34	30.72	8.30	7.92	11.9	2.252	92.9	2.3	2.2	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
656	3/21/2014 7:31:13	11.62	47.34	30.71	8.25	7.92	11.3	2.163	92.1	2.1	2.0	0.5
657	3/21/2014 7:46:13	11.80	46.71	30.27	8.20	7.92	13.9	2.034	91.7	2.7	2.5	0.6
658	3/21/2014 8:01:13	11.90	46.25	29.94	8.17	7.93	15.6	1.916	91.3	3.0	2.8	0.7
659	3/21/2014 8:16:13	11.94	46.11	29.84	8.16	7.93	13.3	1.804	91.2	2.5	2.4	0.6
660	3/21/2014 8:31:13	12.06	45.89	29.69	8.13	7.94	15.1	1.678	91.0	2.5	2.4	0.6
661	3/21/2014 8:46:13	12.11	45.83	29.65	8.12	7.94	13.3	1.595	91.0	3.0	2.8	0.7
662	3/21/2014 9:01:13	12.23	45.64	29.52	8.09	7.94	14.5	1.511	90.8	2.5	2.4	0.6
663	3/21/2014 9:16:13	12.25	45.57	29.47	8.10	7.95	16.2	1.430	90.9	2.9	2.7	0.7
664	3/21/2014 9:31:13	12.28	45.51	29.42	8.09	7.95	12.4	1.392	90.8	3.0	2.8	0.7
665	3/21/2014 9:46:13	12.31	45.35	29.31	7.92	7.94	8.3	1.365	89.0	3.6	3.4	0.8
666	3/21/2014 10:01:13	12.33	45.56	29.46	8.08	7.95	11.0	1.373	90.8	2.8	2.6	0.7
667	3/21/2014 10:16:12	12.31	45.48	29.40	8.05	7.94	11.4	1.382	90.5	3.1	2.9	0.7
668	3/21/2014 10:31:13	12.25	45.63	29.51	8.03	7.94	11.9	1.418	90.2	2.7	2.5	0.6
669	3/21/2014 10:46:12	12.26	45.64	29.52	8.04	7.93	12.8	1.491	90.3	3.0	2.8	0.7
670	3/21/2014 11:01:13	12.35	45.71	29.57	8.09	7.94	11.2	1.549	91.1	3.0	2.8	0.7
671	3/21/2014 11:16:13	12.37	45.63	29.52	8.08	7.93	11.1	1.621	90.9	2.8	2.6	0.7
672	3/21/2014 11:31:13	12.35	45.64	29.52	8.09	7.93	10.6	1.689	91.0	3.2	3.0	0.7
673	3/21/2014 11:46:13	12.28	45.64	29.52	8.06	7.93	10.8	1.775	90.6	3.1	2.9	0.7
674	3/21/2014 12:01:13	12.22	45.70	29.56	8.06	7.93	10.9	1.851	90.4	2.5	2.4	0.6
675	3/21/2014 12:16:12	12.28	45.80	29.64	8.11	7.92	10.4	1.930	91.2	2.3	2.2	0.5
676	3/21/2014 12:31:13	12.49	45.42	29.37	8.19	7.94	9.9	2.000	92.3	2.4	2.3	0.6
677	3/21/2014 12:46:13	12.10	46.46	30.10	8.21	7.92	9.3	2.098	92.3	2.0	1.9	0.5
678	3/21/2014 13:01:13	12.05	46.80	30.35	8.26	7.93	9.4	2.159	92.9	2.1	2.0	0.5
679	3/21/2014 13:16:13	12.00	47.13	30.58	8.33	7.93	10.9	2.236	93.6	2.1	2.0	0.5
680	3/21/2014 13:31:13	12.01	47.06	30.53	8.36	7.94	9.0	2.332	94.0	2.3	2.2	0.5
681	3/21/2014 13:46:13	12.09	47.36	30.75	8.43	7.94	8.7	2.404	95.1	2.1	2.0	0.5
682	3/21/2014 14:01:13	12.02	47.39	30.77	8.44	7.94	9.0	2.478	95.0	2.8	2.6	0.7
683	3/21/2014 14:16:13	11.95	47.37	30.75	8.44	7.94	9.2	2.544	94.9	2.3	2.2	0.5
684	3/21/2014 14:31:13	11.94	47.56	30.89	8.46	7.94	9.7	2.610	95.2	1.9	1.8	0.4
685	3/21/2014 14:46:13	11.94	47.77	31.04	8.48	7.93	9.3	2.669	95.5	1.9	1.8	0.4
686	3/21/2014 15:01:13	11.87	47.79	31.05	8.48	7.93	9.7	2.733	95.4	2.0	1.9	0.5
687	3/21/2014 15:16:13	11.90	47.86	31.10	8.54	7.94	10.0	2.791	96.2	1.5	1.4	0.4
688	3/21/2014 15:31:13	11.84	48.04	31.23	8.60	7.94	10.3	2.844	96.7	2.6	2.4	0.6
689	3/21/2014 15:46:13	11.83	48.07	31.25	8.64	7.94	8.1	2.884	97.2	2.1	2.0	0.5
690	3/21/2014 16:01:13	11.85	48.21	31.35	8.64	7.94	7.6	2.930	97.3	1.8	1.7	0.4
691	3/21/2014 16:16:13	11.77	48.15	31.31	8.66	7.93	7.0	2.958	97.3	1.7	1.6	0.4
692	3/21/2014 16:31:13	11.73	48.38	31.47	8.61	7.93	6.3	2.979	96.8	1.8	1.7	0.4
693	3/21/2014 16:46:13	11.82	48.27	31.39	8.59	7.93	6.1	2.988	96.8	1.8	1.7	0.4
694	3/21/2014 17:01:13	11.75	48.24	31.37	8.54	7.93	6.4	2.975	96.0	1.9	1.8	0.5
695	3/21/2014 17:16:13	11.80	48.13	31.29	8.57	7.93	7.9	2.950	96.4	1.8	1.7	0.4
696	3/21/2014 17:31:13	12.20	47.85	31.11	8.79	7.96	13.3	2.903	99.6	2.1	2.0	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
697	3/21/2014 17:46:13	12.22	47.81	31.08	8.98	7.98	16.2	2.848	101.8	2.8	2.6	0.7
698	3/21/2014 18:01:13	12.11	47.82	31.08	8.99	7.98	15.5	2.792	101.7	2.5	2.4	0.6
699	3/21/2014 18:16:13	12.10	47.83	31.09	8.96	7.97	19.2	2.721	101.3	2.8	2.6	0.7
700	3/21/2014 18:31:13	12.04	47.74	31.02	8.88	7.97	20.6	2.668	100.3	2.5	2.4	0.6
701	3/21/2014 18:46:13	12.05	47.63	30.94	8.85	7.96	23.2	2.588	99.9	3.2	3.0	0.8
702	3/21/2014 19:01:13	12.13	47.54	30.88	8.87	7.97	23.0	2.514	100.2	2.8	2.6	0.7
703	3/21/2014 19:16:13	12.22	47.23	30.66	8.84	7.97	20.2	2.472	99.9	3.0	2.8	0.7
704	3/21/2014 19:31:13	12.18	47.19	30.63	8.79	7.97	21.8	2.404	99.2	3.4	3.2	0.8
705	3/21/2014 19:46:13	12.31	46.86	30.40	8.80	7.97	21.7	2.315	99.5	3.5	3.3	0.8
706	3/21/2014 20:01:13	12.22	46.63	30.23	8.80	7.98	17.9	2.261	99.2	3.3	3.1	0.8
707	3/21/2014 20:16:13	12.53	45.94	29.74	8.66	7.96	23.3	2.226	98.0	3.6	3.4	0.9
708	3/21/2014 20:31:13	12.49	46.15	29.89	8.68	7.97	21.9	2.161	98.2	4.3	4.0	1.0
709	3/21/2014 20:46:13	12.45	46.29	29.99	8.68	7.97	20.6	2.112	98.1	3.9	3.7	0.9
710	3/21/2014 21:01:13	12.58	45.93	29.74	8.57	7.96	22.0	2.069	97.1	3.6	3.4	0.8
711	3/21/2014 21:16:13	12.65	45.93	29.74	8.51	7.95	18.3	2.063	96.5	3.7	3.5	0.9
712	3/21/2014 21:31:13	12.66	45.97	29.77	8.45	7.95	14.8	2.046	95.8	4.2	3.9	1.0
713	3/21/2014 21:46:12	12.64	45.73	29.60	8.33	7.94	15.0	2.033	94.4	4.0	3.8	0.9
714	3/21/2014 22:01:13	12.53	46.03	29.81	8.44	7.95	18.0	2.044	95.5	3.2	3.0	0.8
715	3/21/2014 22:16:13	12.51	46.12	29.87	8.50	7.95	15.6	2.075	96.2	3.4	3.2	0.8
716	3/21/2014 22:31:13	12.56	46.09	29.85	8.55	7.95	14.6	2.110	96.9	3.2	3.0	0.8
717	3/21/2014 22:46:13	12.57	46.01	29.79	8.49	7.95	14.4	2.149	96.2	3.1	2.9	0.7
718	3/21/2014 23:01:13	12.48	46.29	29.99	8.46	7.94	14.2	2.200	95.7	3.6	3.4	0.8
719	3/21/2014 23:16:12	12.70	46.04	29.82	8.64	7.97	17.0	2.274	98.1	2.9	2.7	0.7
720	3/21/2014 23:31:13	12.50	46.52	30.16	8.49	7.95	12.6	2.330	96.3	3.3	3.1	0.8
721	3/21/2014 23:46:13	12.51	46.60	30.22	8.54	7.95	17.1	2.398	96.8	3.3	3.1	0.8
722	3/22/2014 0:01:13	12.33	46.99	30.49	8.59	7.95	15.4	2.468	97.2	2.9	2.7	0.7
723	3/22/2014 0:16:13	12.30	46.87	30.40	8.62	7.95	12.2	2.537	97.5	2.3	2.2	0.5
724	3/22/2014 0:31:13	12.24	47.15	30.60	8.69	7.96	12.9	2.604	98.2	2.3	2.2	0.5
725	3/22/2014 0:46:13	12.08	47.37	30.75	8.74	7.96	11.2	2.677	98.5	2.3	2.2	0.5
726	3/22/2014 1:01:13	11.98	47.46	30.81	8.78	7.96	11.7	2.752	98.8	2.2	2.1	0.5
727	3/22/2014 1:16:13	11.85	47.76	31.03	8.79	7.95	10.8	2.824	98.8	2.1	2.0	0.5
728	3/22/2014 1:31:12	11.65	48.09	31.26	8.81	7.95	8.6	2.896	98.8	1.8	1.7	0.4
729	3/22/2014 1:46:13	11.31	49.12	31.98	8.81	7.93	8.2	2.976	98.5	2.1	2.0	0.5
730	3/22/2014 2:01:13	11.17	49.34	32.13	8.85	7.93	14.0	3.055	98.7	1.8	1.7	0.4
731	3/22/2014 2:16:13	11.03	49.52	32.26	8.86	7.92	16.1	3.119	98.6	2.1	2.0	0.5
732	3/22/2014 2:31:13	10.94	49.79	32.45	8.86	7.93	14.8	3.203	98.6	2.2	2.1	0.5
733	3/22/2014 2:46:13	10.87	49.68	32.37	8.87	7.92	13.0	3.264	98.5	2.0	1.9	0.5
734	3/22/2014 3:01:13	10.86	49.72	32.39	8.87	7.92	11.3	3.332	98.4	1.6	1.5	0.4
735	3/22/2014 3:16:13	10.67	49.95	32.55	8.87	7.92	12.4	3.384	98.1	1.8	1.7	0.4
736	3/22/2014 3:31:13	10.49	50.31	32.80	8.86	7.92	10.1	3.441	97.9	1.7	1.6	0.4
737	3/22/2014 3:46:13	10.39	50.45	32.90	8.83	7.91	8.2	3.480	97.3	1.7	1.6	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
738	3/22/2014 4:01:13	10.34	50.46	32.89	8.81	7.91	7.6	3.491	97.0	1.3	1.2	0.3
739	3/22/2014 4:16:13	10.32	50.57	32.98	8.75	7.91	5.0	3.505	96.3	1.2	1.1	0.3
740	3/22/2014 4:31:13	10.32	50.61	33.01	8.77	7.91	7.9	3.489	96.6	1.5	1.4	0.4
741	3/22/2014 4:46:13	10.56	49.93	32.52	8.73	7.92	8.6	3.467	96.3	1.5	1.4	0.4
742	3/22/2014 5:01:13	10.86	49.04	31.90	8.71	7.93	9.2	3.428	96.4	1.9	1.8	0.4
743	3/22/2014 5:16:13	10.83	49.18	32.00	8.69	7.92	10.9	3.349	96.2	1.6	1.5	0.4
744	3/22/2014 5:31:13	10.94	49.18	32.01	8.67	7.92	12.0	3.273	96.2	1.7	1.6	0.4
745	3/22/2014 5:46:13	10.96	49.22	32.04	8.74	7.92	17.3	3.193	97.0	2.6	2.4	0.6
746	3/22/2014 6:01:13	11.08	49.12	31.97	8.75	7.93	16.0	3.098	97.3	2.4	2.3	0.6
747	3/22/2014 6:16:13	11.18	48.69	31.67	8.73	7.93	15.3	2.999	97.2	1.9	1.8	0.5
748	3/22/2014 6:31:13	11.27	48.13	31.27	8.60	7.93	10.4	2.908	95.6	2.1	2.0	0.5
749	3/22/2014 6:46:13	11.25	48.03	31.19	8.62	7.94	9.6	2.823	95.7	1.7	1.6	0.4
750	3/22/2014 7:01:13	11.27	48.42	31.47	8.56	7.93	8.3	2.706	95.3	2.2	2.1	0.5
751	3/22/2014 7:16:13	11.37	48.16	31.29	8.53	7.93	10.8	2.609	95.1	1.7	1.6	0.4
752	3/22/2014 7:31:13	11.46	47.70	30.97	8.50	7.93	11.1	2.517	94.8	2.5	2.4	0.6
753	3/22/2014 7:46:13	11.56	47.09	30.53	8.46	7.93	12.3	2.417	94.2	2.0	1.9	0.5
754	3/22/2014 8:01:13	11.55	47.23	30.63	8.42	7.93	11.9	2.303	93.8	2.7	2.5	0.6
755	3/22/2014 8:16:13	11.23	47.65	30.92	8.39	7.92	9.9	2.183	93.0	2.1	2.0	0.5
756	3/22/2014 8:31:13	11.46	47.16	30.58	8.38	7.93	11.5	2.084	93.2	2.9	2.7	0.7
757	3/22/2014 8:46:13	11.50	46.97	30.44	8.39	7.93	12.2	1.965	93.3	2.1	2.0	0.5
758	3/22/2014 9:01:13	11.54	46.87	30.37	8.41	7.94	11.8	1.848	93.6	2.2	2.1	0.5
759	3/22/2014 9:16:13	11.61	46.77	30.31	8.38	7.94	12.2	1.751	93.3	2.8	2.6	0.7
760	3/22/2014 9:31:13	11.72	46.51	30.12	8.35	7.95	11.5	1.671	93.1	2.5	2.4	0.6
761	3/22/2014 9:46:13	11.80	46.33	30.00	8.33	7.96	11.2	1.579	92.9	2.6	2.4	0.6
762	3/22/2014 10:01:13	11.89	46.27	29.96	8.31	7.97	11.4	1.516	92.9	2.6	2.4	0.6
763	3/22/2014 10:16:13	11.97	46.22	29.92	8.25	7.97	11.3	1.476	92.4	2.4	2.3	0.6
764	3/22/2014 10:31:13	11.99	46.07	29.81	8.17	7.96	8.6	1.426	91.4	2.6	2.4	0.6
765	3/22/2014 10:46:13	12.01	46.17	29.89	8.30	7.96	9.9	1.433	93.0	2.8	2.6	0.6
766	3/22/2014 11:01:13	11.84	46.37	30.03	8.17	7.95	8.6	1.436	91.2	2.7	2.5	0.6
767	3/22/2014 11:16:13	11.87	46.39	30.04	8.22	7.95	9.7	1.460	91.9	2.8	2.6	0.7
768	3/22/2014 11:31:13	11.86	46.42	30.06	8.21	7.95	9.6	1.502	91.8	2.6	2.4	0.6
769	3/22/2014 11:46:13	11.96	46.39	30.04	8.23	7.95	8.9	1.546	92.2	2.9	2.7	0.7
770	3/22/2014 12:01:13	11.93	46.40	30.05	8.24	7.95	9.0	1.617	92.2	3.2	3.0	0.7
771	3/22/2014 12:16:13	12.02	46.06	29.81	8.27	7.95	10.0	1.674	92.6	2.8	2.6	0.7
772	3/22/2014 12:31:13	11.93	46.37	30.03	8.21	7.94	9.0	1.737	91.8	2.5	2.4	0.6
773	3/22/2014 12:46:13	11.88	46.24	29.93	8.22	7.94	9.4	1.808	91.8	2.4	2.3	0.6
774	3/22/2014 13:01:13	11.82	46.33	30.00	8.19	7.94	9.0	1.867	91.4	2.1	2.0	0.5
775	3/22/2014 13:16:13	12.09	45.89	29.69	8.32	7.95	8.9	1.934	93.2	2.9	2.7	0.7
776	3/22/2014 13:31:13	11.96	46.12	29.85	8.29	7.94	8.6	2.007	92.7	1.8	1.7	0.4
777	3/22/2014 13:46:13	11.98	46.39	30.04	8.32	7.94	8.6	2.087	93.3	2.5	2.4	0.6
778	3/22/2014 14:01:13	12.05	46.62	30.21	8.39	7.94	7.8	2.145	94.2	2.6	2.4	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
779	3/22/2014 14:16:13	12.12	46.87	30.40	8.47	7.94	7.8	2.223	95.4	2.6	2.4	0.6
780	3/22/2014 14:31:13	11.81	47.36	30.73	8.50	7.94	7.2	2.309	95.3	2.1	2.0	0.5
781	3/22/2014 14:46:13	11.64	47.81	31.05	8.51	7.94	7.6	2.367	95.2	1.6	1.5	0.4
782	3/22/2014 15:01:13	11.63	47.87	31.09	8.53	7.94	7.0	2.439	95.5	1.9	1.8	0.4
783	3/22/2014 15:16:13	11.58	47.99	31.18	8.53	7.94	8.1	2.511	95.4	2.2	2.1	0.5
784	3/22/2014 15:31:13	11.59	48.03	31.21	8.54	7.93	7.5	2.579	95.6	1.9	1.8	0.5
785	3/22/2014 15:46:13	11.61	48.09	31.26	8.58	7.94	7.2	2.645	96.1	1.9	1.8	0.4
786	3/22/2014 16:01:13	11.58	48.13	31.28	8.57	7.93	7.2	2.693	96.0	2.3	2.2	0.5
787	3/22/2014 16:16:13	11.56	48.31	31.41	8.57	7.93	6.8	2.756	95.9	1.6	1.5	0.4
788	3/22/2014 16:31:13	11.50	48.43	31.49	8.59	7.93	7.4	2.800	96.2	2.0	1.9	0.5
789	3/22/2014 16:46:13	11.50	48.54	31.57	8.63	7.93	7.0	2.837	96.7	2.1	2.0	0.5
790	3/22/2014 17:01:13	11.50	48.65	31.65	8.62	7.93	6.4	2.875	96.6	1.5	1.4	0.4
791	3/22/2014 17:16:13	11.49	48.66	31.66	8.61	7.93	5.9	2.912	96.5	1.6	1.5	0.4
792	3/22/2014 17:31:13	11.47	48.75	31.72	8.61	7.92	5.6	2.931	96.4	1.2	1.1	0.3
793	3/22/2014 17:46:13	11.57	48.40	31.48	8.55	7.93	5.0	2.936	95.9	1.7	1.6	0.4
794	3/22/2014 18:01:13	11.49	48.69	31.68	8.55	7.92	7.6	2.943	95.8	1.5	1.4	0.3
795	3/22/2014 18:16:13	11.47	48.71	31.69	8.55	7.92	5.9	2.920	95.7	1.5	1.4	0.4
796	3/22/2014 18:31:13	11.50	48.71	31.70	8.56	7.92	6.2	2.866	96.0	1.8	1.7	0.4
797	3/22/2014 18:46:13	11.62	48.48	31.54	8.56	7.93	7.0	2.834	96.1	1.8	1.7	0.4
798	3/22/2014 19:01:13	12.00	48.02	31.22	8.57	7.95	8.5	2.788	96.8	1.2	1.1	0.3
799	3/22/2014 19:16:13	12.06	48.09	31.27	8.80	7.97	6.5	2.741	99.5	2.2	2.1	0.5
800	3/22/2014 19:31:13	12.13	47.86	31.11	8.87	7.99	6.1	2.668	100.4	2.0	1.9	0.5
801	3/22/2014 19:46:13	12.06	47.92	31.15	8.91	7.99	6.9	2.599	100.7	1.3	1.2	0.3
802	3/22/2014 20:01:13	12.07	47.86	31.11	8.86	7.98	6.4	2.565	100.1	2.2	2.1	0.5
803	3/22/2014 20:16:13	12.15	47.81	31.08	8.91	8.00	7.3	2.498	100.8	2.4	2.3	0.6
804	3/22/2014 20:31:13	12.16	47.81	31.08	8.82	7.99	6.4	2.441	99.8	2.1	2.0	0.5
805	3/22/2014 20:46:13	12.23	47.49	30.85	8.85	8.00	6.7	2.401	100.2	2.7	2.5	0.6
806	3/22/2014 21:01:13	12.25	47.41	30.79	8.85	8.00	5.8	2.348	100.1	2.4	2.3	0.6
807	3/22/2014 21:16:13	12.28	47.15	30.61	8.70	7.98	6.2	2.310	98.5	2.8	2.6	0.7
808	3/22/2014 21:31:13	12.26	47.15	30.61	8.67	7.98	6.1	2.273	98.1	2.5	2.4	0.6
809	3/22/2014 21:46:13	12.28	47.09	30.56	8.53	7.97	5.3	2.250	96.4	2.8	2.6	0.7
810	3/22/2014 22:01:13	12.27	46.89	30.42	8.45	7.96	4.8	2.239	95.4	2.5	2.4	0.6
811	3/22/2014 22:16:13	12.25	47.09	30.56	8.52	7.97	4.8	2.206	96.3	2.4	2.3	0.6
812	3/22/2014 22:31:13	12.30	46.84	30.38	8.44	7.96	4.8	2.218	95.4	2.8	2.6	0.7
813	3/22/2014 22:46:13	12.30	46.70	30.28	8.56	7.96	5.4	2.244	96.7	2.9	2.7	0.7
814	3/22/2014 23:01:13	12.25	46.71	30.29	8.56	7.96	5.3	2.232	96.6	2.3	2.2	0.5
815	3/22/2014 23:16:13	12.20	46.98	30.48	8.57	7.96	6.1	2.276	96.7	2.6	2.4	0.6
816	3/22/2014 23:31:13	12.24	47.33	30.73	8.59	7.96	6.2	2.292	97.2	2.7	2.5	0.6
817	3/22/2014 23:46:13	12.21	47.47	30.84	8.56	7.96	7.3	2.343	96.8	1.9	1.8	0.4
818	3/23/2014 0:01:13	12.20	47.17	30.61	8.73	7.97	7.9	2.389	98.6	1.7	1.6	0.4
819	3/23/2014 0:16:13	12.23	47.31	30.72	8.72	7.97	5.9	2.441	98.6	1.9	1.8	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
820	3/23/2014 0:31:13	12.13	47.60	30.92	8.65	7.96	6.1	2.481	97.7	2.1	2.0	0.5
821	3/23/2014 0:46:13	12.04	47.69	30.98	8.66	7.95	6.3	2.553	97.7	2.1	2.0	0.5
822	3/23/2014 1:01:13	11.97	47.63	30.94	8.71	7.96	6.5	2.593	98.1	1.8	1.7	0.4
823	3/23/2014 1:16:12	11.89	47.82	31.07	8.76	7.96	5.8	2.658	98.6	1.9	1.8	0.4
824	3/23/2014 1:31:12	11.76	47.75	31.02	8.77	7.95	5.9	2.741	98.4	2.3	2.2	0.5
825	3/23/2014 1:46:13	11.65	48.24	31.37	8.74	7.95	7.2	2.805	98.1	2.0	1.9	0.5
826	3/23/2014 2:01:13	11.54	48.38	31.46	8.75	7.95	5.6	2.854	98.0	1.9	1.8	0.4
827	3/23/2014 2:16:12	11.46	48.46	31.52	8.77	7.94	5.9	2.933	98.0	1.7	1.6	0.4
828	3/23/2014 2:31:12	11.38	48.52	31.55	8.75	7.94	5.9	3.023	97.7	1.6	1.5	0.4
829	3/23/2014 2:46:13	11.14	49.01	31.90	8.71	7.93	5.1	3.075	97.0	2.3	2.2	0.5
830	3/23/2014 3:01:13	10.90	49.74	32.41	8.57	7.91	5.9	3.136	95.2	1.3	1.2	0.3
831	3/23/2014 3:16:12	10.81	49.83	32.47	8.54	7.91	7.2	3.210	94.8	1.6	1.5	0.4
832	3/23/2014 3:31:12	10.71	49.98	32.57	8.52	7.91	7.0	3.272	94.4	1.6	1.5	0.4
833	3/23/2014 3:46:13	10.58	50.30	32.80	8.47	7.90	7.8	3.304	93.7	1.4	1.3	0.3
834	3/23/2014 4:01:13	10.52	50.46	32.91	8.42	7.90	7.2	3.366	93.1	1.2	1.1	0.3
835	3/23/2014 4:16:13	10.44	50.40	32.86	8.40	7.90	7.5	3.418	92.7	1.1	1.0	0.3
836	3/23/2014 4:31:13	10.34	50.56	32.97	8.38	7.90	6.1	3.455	92.4	1.4	1.3	0.3
837	3/23/2014 4:46:13	10.29	50.61	33.01	8.37	7.90	6.1	3.479	92.1	1.4	1.3	0.3
838	3/23/2014 5:01:13	10.24	50.72	33.08	8.35	7.90	5.9	3.491	91.8	1.6	1.5	0.4
839	3/23/2014 5:16:13	10.35	50.57	32.98	8.31	7.90	6.2	3.491	91.6	1.7	1.6	0.4
840	3/23/2014 5:31:13	10.38	50.49	32.92	8.31	7.90	6.1	3.481	91.7	0.8	0.8	0.2
841	3/23/2014 5:46:13	10.34	50.59	32.99	8.32	7.90	6.0	3.444	91.7	1.4	1.3	0.3
842	3/23/2014 6:01:13	10.70	49.26	32.05	8.44	7.92	6.2	3.374	93.2	1.9	1.8	0.4
843	3/23/2014 6:16:13	10.82	49.28	32.07	8.39	7.92	5.9	3.327	92.9	1.4	1.3	0.3
844	3/23/2014 6:31:13	10.76	49.46	32.20	8.38	7.91	7.9	3.248	92.7	1.2	1.1	0.3
845	3/23/2014 6:46:13	10.89	49.17	32.00	8.49	7.92	8.9	3.152	94.1	1.5	1.4	0.3
846	3/23/2014 7:01:13	10.89	49.25	32.06	8.48	7.92	8.7	3.076	94.0	2.0	1.9	0.5
847	3/23/2014 7:16:13	11.03	48.93	31.83	8.43	7.92	5.6	3.001	93.6	2.0	1.9	0.5
848	3/23/2014 7:31:13	11.08	48.74	31.69	8.40	7.92	5.8	2.910	93.2	1.8	1.7	0.4
849	3/23/2014 7:46:13	11.12	48.69	31.66	8.39	7.92	5.4	2.803	93.2	1.7	1.6	0.4
850	3/23/2014 8:01:13	11.15	48.57	31.58	8.41	7.92	5.9	2.729	93.4	1.8	1.7	0.4
851	3/23/2014 8:16:13	11.29	48.31	31.40	8.45	7.93	8.3	2.633	94.1	2.5	2.4	0.6
852	3/23/2014 8:31:13	11.04	48.73	31.69	8.51	7.93	5.7	2.532	94.4	2.2	2.1	0.5
853	3/23/2014 8:46:13	11.50	47.66	30.94	8.51	7.95	7.4	2.424	94.9	2.2	2.1	0.5
854	3/23/2014 9:01:13	11.57	47.43	30.77	8.59	7.96	6.7	2.329	95.8	1.9	1.8	0.4
855	3/23/2014 9:16:13	11.36	47.98	31.16	8.73	7.96	5.9	2.216	97.2	2.1	2.0	0.5
856	3/23/2014 9:31:13	11.48	47.85	31.07	8.85	7.97	6.0	2.115	98.7	1.7	1.6	0.4
857	3/23/2014 9:46:13	11.71	47.42	30.78	8.88	7.98	6.2	2.006	99.3	2.2	2.1	0.5
858	3/23/2014 10:01:13	11.80	47.27	30.67	8.98	7.99	6.3	1.898	100.6	2.5	2.4	0.6
859	3/23/2014 10:16:12	11.96	47.15	30.59	8.94	8.00	7.0	1.804	100.5	1.9	1.8	0.4
860	3/23/2014 10:31:13	12.11	46.99	30.48	8.91	8.00	6.3	1.711	100.3	2.1	2.0	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
861	3/23/2014 10:46:13	12.25	46.85	30.38	8.91	8.01	7.2	1.618	100.6	2.0	1.9	0.5
862	3/23/2014 11:01:13	12.27	46.81	30.36	8.82	8.00	5.9	1.554	99.6	2.5	2.4	0.6
863	3/23/2014 11:16:12	12.34	46.71	30.29	8.76	8.00	6.0	1.493	99.1	1.9	1.8	0.4
864	3/23/2014 11:31:12	12.33	46.72	30.30	8.47	7.99	3.9	1.472	95.7	2.1	2.0	0.5
865	3/23/2014 11:46:13	11.99	46.75	30.30	8.45	7.97	5.0	1.484	94.9	2.1	2.0	0.5
866	3/23/2014 12:01:12	12.01	46.76	30.31	8.45	7.96	4.8	1.444	94.9	1.9	1.8	0.4
867	3/23/2014 12:16:12	12.05	46.79	30.33	8.55	7.97	5.0	1.486	96.1	1.6	1.5	0.4
868	3/23/2014 12:31:12	12.11	46.80	30.35	8.69	7.98	5.2	1.522	97.8	2.3	2.2	0.5
869	3/23/2014 12:46:13	12.28	46.90	30.42	8.71	7.98	4.7	1.562	98.4	2.3	2.2	0.5
870	3/23/2014 13:01:13	12.26	46.93	30.45	8.66	7.98	4.8	1.626	97.8	2.4	2.3	0.6
871	3/23/2014 13:16:13	12.34	46.78	30.34	8.63	7.98	5.7	1.687	97.6	2.4	2.3	0.6
872	3/23/2014 13:31:13	12.35	46.70	30.29	8.61	7.98	5.4	1.734	97.4	2.5	2.4	0.6
873	3/23/2014 13:46:13	12.44	46.21	29.94	8.72	7.99	6.8	1.793	98.6	3.0	2.8	0.7
874	3/23/2014 14:01:13	12.12	46.90	30.42	8.55	7.96	5.2	1.854	96.3	2.4	2.3	0.6
875	3/23/2014 14:16:13	12.23	46.57	30.18	8.60	7.97	5.6	1.929	97.0	2.5	2.4	0.6
876	3/23/2014 14:31:13	12.04	46.87	30.39	8.48	7.96	5.3	2.003	95.4	2.4	2.3	0.6
877	3/23/2014 14:46:13	12.16	46.73	30.30	8.60	7.97	5.6	2.060	96.9	2.3	2.2	0.5
878	3/23/2014 15:01:13	12.18	46.85	30.39	8.60	7.97	5.0	2.145	97.0	2.6	2.4	0.6
879	3/23/2014 15:16:13	12.08	47.22	30.64	8.61	7.96	5.1	2.210	97.0	2.6	2.4	0.6
880	3/23/2014 15:31:13	12.24	47.43	30.81	8.62	7.96	5.2	2.272	97.6	2.9	2.7	0.7
881	3/23/2014 15:46:13	11.63	48.09	31.25	8.46	7.93	5.3	2.344	94.8	2.0	1.9	0.5
882	3/23/2014 16:01:13	11.55	47.99	31.18	8.48	7.94	5.4	2.411	94.8	1.9	1.8	0.4
883	3/23/2014 16:16:13	11.51	48.10	31.26	8.50	7.94	5.3	2.477	95.0	2.4	2.3	0.6
884	3/23/2014 16:31:13	11.48	48.33	31.42	8.49	7.93	5.8	2.546	95.0	2.5	2.4	0.6
885	3/23/2014 16:46:13	11.49	48.40	31.47	8.48	7.93	5.5	2.596	94.8	1.8	1.7	0.4
886	3/23/2014 17:01:13	11.45	48.49	31.53	8.47	7.93	5.4	2.644	94.7	2.0	1.9	0.5
887	3/23/2014 17:16:13	11.40	48.59	31.60	8.45	7.93	4.9	2.713	94.4	1.4	1.3	0.3
888	3/23/2014 17:31:13	11.37	48.67	31.66	8.45	7.93	5.3	2.772	94.4	1.8	1.7	0.4
889	3/23/2014 17:46:13	11.42	48.65	31.65	8.45	7.93	5.1	2.800	94.5	1.4	1.3	0.3
890	3/23/2014 18:01:13	11.46	48.69	31.68	8.47	7.92	4.8	2.850	94.9	1.5	1.4	0.4
891	3/23/2014 18:16:13	11.45	48.84	31.79	8.48	7.92	5.0	2.894	95.0	2.1	2.0	0.5
892	3/23/2014 18:31:13	11.44	48.89	31.82	8.46	7.92	4.3	2.915	94.7	1.7	1.6	0.4
893	3/23/2014 18:46:13	11.39	48.94	31.86	8.45	7.92	4.2	2.940	94.5	2.3	2.2	0.5
894	3/23/2014 19:01:13	11.52	48.80	31.77	8.42	7.92	4.3	2.952	94.4	1.8	1.7	0.4
895	3/23/2014 19:16:13	11.40	48.95	31.86	8.38	7.91	4.2	2.949	93.7	1.4	1.3	0.3
896	3/23/2014 19:31:13	11.40	49.01	31.91	8.39	7.91	4.8	2.944	93.9	1.8	1.7	0.4
897	3/23/2014 19:46:13	11.40	48.95	31.87	8.38	7.91	5.3	2.905	93.8	1.8	1.7	0.4
898	3/23/2014 20:01:13	11.50	48.71	31.70	8.42	7.92	5.3	2.876	94.3	2.2	2.1	0.5
899	3/23/2014 20:16:13	11.78	48.38	31.47	8.41	7.93	5.3	2.836	94.7	1.8	1.7	0.4
900	3/23/2014 20:31:13	11.90	48.24	31.38	8.48	7.95	5.9	2.773	95.7	2.3	2.2	0.5
901	3/23/2014 20:46:13	11.91	48.30	31.42	8.57	7.97	5.8	2.720	96.7	2.4	2.3	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
902	3/23/2014 21:01:13	11.78	48.17	31.32	8.52	7.95	5.7	2.678	95.8	2.2	2.1	0.5
903	3/23/2014 21:16:13	11.91	48.01	31.21	8.54	7.95	5.5	2.621	96.2	2.6	2.4	0.6
904	3/23/2014 21:31:12	11.98	47.87	31.12	8.56	7.96	5.4	2.556	96.5	2.2	2.1	0.5
905	3/23/2014 21:46:13	12.01	47.86	31.11	8.52	7.97	4.8	2.509	96.2	2.2	2.1	0.5
906	3/23/2014 22:01:13	11.97	47.88	31.12	8.50	7.97	5.1	2.464	95.8	2.4	2.3	0.6
907	3/23/2014 22:16:13	12.00	47.97	31.18	8.41	7.97	5.0	2.418	94.9	2.7	2.5	0.6
908	3/23/2014 22:31:13	12.14	47.42	30.80	8.63	7.97	5.1	2.395	97.5	2.6	2.4	0.6
909	3/23/2014 22:46:13	12.08	47.43	30.80	8.55	7.96	4.8	2.360	96.4	2.4	2.3	0.6
910	3/23/2014 23:01:13	12.11	47.31	30.72	8.38	7.96	4.0	2.349	94.5	2.4	2.3	0.6
911	3/23/2014 23:16:13	12.12	47.33	30.73	8.24	7.95	4.1	2.320	92.9	2.0	1.9	0.5
912	3/23/2014 23:31:13	12.11	47.37	30.76	8.45	7.95	4.8	2.304	95.4	2.7	2.5	0.6
913	3/23/2014 23:46:12	12.10	47.20	30.63	8.43	7.95	3.9	2.303	95.1	2.0	1.9	0.5
914	3/24/2014 0:01:13	12.11	47.16	30.61	8.58	7.97	4.2	2.313	96.7	2.4	2.3	0.6
915	3/24/2014 0:16:13	12.03	47.37	30.75	8.57	7.96	4.5	2.316	96.5	2.2	2.1	0.5
916	3/24/2014 0:31:13	12.08	47.63	30.95	8.48	7.96	4.8	2.348	95.8	2.6	2.4	0.6
917	3/24/2014 0:46:13	12.05	47.87	31.11	8.44	7.95	5.3	2.375	95.3	1.8	1.7	0.4
918	3/24/2014 1:01:13	12.03	47.80	31.06	8.47	7.95	5.6	2.426	95.6	1.6	1.5	0.4
919	3/24/2014 1:16:13	12.06	47.65	30.96	8.67	7.97	5.9	2.477	97.8	2.3	2.2	0.5
920	3/24/2014 1:31:13	12.00	47.90	31.13	8.52	7.95	4.9	2.517	96.2	1.9	1.8	0.4
921	3/24/2014 1:46:13	11.86	48.25	31.38	8.51	7.94	5.3	2.579	95.9	2.3	2.2	0.5
922	3/24/2014 2:01:13	11.78	48.25	31.37	8.54	7.94	5.0	2.620	96.0	2.1	2.0	0.5
923	3/24/2014 2:16:13	11.79	48.28	31.40	8.57	7.95	4.8	2.675	96.5	1.9	1.8	0.4
924	3/24/2014 2:31:13	11.63	48.26	31.38	8.61	7.95	4.8	2.739	96.6	1.7	1.6	0.4
925	3/24/2014 2:46:13	11.57	48.52	31.56	8.61	7.95	4.6	2.792	96.5	2.0	1.9	0.5
926	3/24/2014 3:01:13	11.43	48.59	31.61	8.65	7.95	5.4	2.863	96.8	1.8	1.7	0.4
927	3/24/2014 3:16:13	11.38	48.50	31.54	8.64	7.94	5.0	2.919	96.5	2.0	1.9	0.5
928	3/24/2014 3:31:13	11.29	48.90	31.82	8.62	7.94	5.0	2.982	96.2	1.7	1.6	0.4
929	3/24/2014 3:46:13	11.18	49.13	31.98	8.59	7.93	4.2	3.043	95.8	1.5	1.4	0.4
930	3/24/2014 4:01:13	11.00	49.34	32.13	8.57	7.92	4.3	3.115	95.3	1.8	1.7	0.4
931	3/24/2014 4:16:13	10.83	50.05	32.63	8.49	7.90	5.7	3.175	94.3	2.0	1.9	0.5
932	3/24/2014 4:31:13	10.77	50.23	32.76	8.51	7.90	6.5	3.227	94.5	1.6	1.5	0.4
933	3/24/2014 4:46:13	10.69	50.13	32.68	8.52	7.90	6.0	3.293	94.4	1.7	1.6	0.4
934	3/24/2014 5:01:13	10.62	50.34	32.83	8.54	7.90	5.1	3.347	94.5	1.7	1.6	0.4
935	3/24/2014 5:16:13	10.56	50.62	33.03	8.51	7.90	4.8	3.383	94.2	1.3	1.2	0.3
936	3/24/2014 5:31:13	10.55	50.39	32.86	8.49	7.90	4.8	3.420	93.9	1.4	1.3	0.3
937	3/24/2014 5:46:13	10.52	50.50	32.94	8.47	7.90	35.4	3.443	93.7	1.3	1.2	0.3
938	3/24/2014 6:01:13	10.53	50.53	32.96	8.42	7.90	4.8	3.454	93.1	1.5	1.4	0.4
939	3/24/2014 6:16:13	10.55	50.40	32.87	8.40	7.89	4.5	3.456	92.9	1.2	1.1	0.3
940	3/24/2014 6:31:13	10.53	50.45	32.90	8.46	7.90	5.0	3.440	93.6	1.4	1.3	0.3
941	3/24/2014 6:46:13	10.71	50.08	32.64	8.41	7.90	5.3	3.402	93.2	1.8	1.7	0.4
942	3/24/2014 7:01:13	10.76	49.84	32.48	8.40	7.90	5.7	3.369	93.1	1.8	1.7	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
943	3/24/2014 7:16:13	10.90	49.33	32.11	8.38	7.91	5.5	3.317	93.0	1.7	1.6	0.4
944	3/24/2014 7:31:13	10.87	49.66	32.35	8.35	7.90	7.0	3.238	92.7	1.7	1.6	0.4
945	3/24/2014 7:46:13	10.82	49.58	32.29	8.40	7.90	7.5	3.175	93.1	1.4	1.3	0.3
946	3/24/2014 8:01:13	11.03	48.93	31.83	8.39	7.92	6.4	3.099	93.2	1.4	1.3	0.3
947	3/24/2014 8:16:13	11.13	49.10	31.96	8.22	7.90	5.0	3.020	91.6	1.4	1.3	0.3
948	3/24/2014 8:31:13	11.18	48.96	31.86	8.26	7.90	5.4	2.933	92.0	1.7	1.6	0.4
949	3/24/2014 8:46:13	11.19	48.88	31.80	8.37	7.92	5.3	2.842	93.2	1.8	1.7	0.4
950	3/24/2014 9:01:13	11.29	48.67	31.65	8.38	7.92	4.5	2.759	93.5	1.9	1.8	0.5
951	3/24/2014 9:16:13	11.30	48.78	31.74	8.47	7.92	5.4	2.665	94.5	1.4	1.3	0.3
952	3/24/2014 9:31:13	11.33	48.78	31.74	8.69	7.94	5.3	2.570	97.1	1.6	1.5	0.4
953	3/24/2014 9:46:13	11.61	48.14	31.29	8.56	7.94	7.6	2.473	95.8	2.2	2.1	0.5
954	3/24/2014 10:01:13	11.67	48.23	31.36	8.69	7.96	6.1	2.364	97.5	1.9	1.8	0.5
955	3/24/2014 10:16:13	11.74	48.38	31.47	8.95	7.98	5.3	2.259	100.7	1.6	1.5	0.4
956	3/24/2014 10:31:13	11.94	48.01	31.21	9.00	7.99	5.7	2.160	101.5	2.1	2.0	0.5
957	3/24/2014 10:46:13	12.09	48.00	31.21	9.22	8.00	5.3	2.060	104.3	2.0	1.9	0.5
958	3/24/2014 11:01:13	12.28	47.58	30.92	9.32	8.01	5.1	1.937	105.7	2.4	2.3	0.6
959	3/24/2014 11:16:13	12.50	47.68	31.00	9.37	8.03	5.0	1.828	106.8	2.2	2.1	0.5
960	3/24/2014 11:31:13	12.65	47.52	30.89	9.29	8.03	4.8	1.746	106.1	2.1	2.0	0.5
961	3/24/2014 11:46:12	12.85	47.22	30.68	9.35	8.04	6.2	1.647	107.1	1.9	1.8	0.4
962	3/24/2014 12:01:12	12.94	46.95	30.49	9.32	8.04	5.0	1.563	106.8	2.1	2.0	0.5
963	3/24/2014 12:16:12	12.88	47.05	30.56	9.13	8.03	4.7	1.527	104.6	2.1	2.0	0.5
964	3/24/2014 12:31:12	12.95	46.94	30.48	8.92	8.02	3.6	1.476	102.3	2.1	2.0	0.5
965	3/24/2014 12:46:13	13.07	47.04	30.56	8.83	8.01	5.1	1.451	101.6	1.5	1.4	0.4
966	3/24/2014 13:01:13	12.55	47.20	30.65	8.87	8.00	4.3	1.462	100.9	2.0	1.9	0.5
967	3/24/2014 13:16:13	12.51	47.17	30.63	8.88	8.00	4.0	1.473	101.0	2.4	2.3	0.6
968	3/24/2014 13:31:13	12.69	47.21	30.66	8.97	8.01	5.3	1.505	102.4	2.2	2.1	0.5
969	3/24/2014 13:46:13	12.81	47.17	30.64	9.02	8.01	5.7	1.548	103.3	2.7	2.5	0.6
970	3/24/2014 14:01:12	12.85	47.20	30.66	8.92	8.00	6.5	1.592	102.2	2.4	2.3	0.6
971	3/24/2014 14:16:12	13.04	46.56	30.21	9.08	8.02	8.1	1.641	104.1	2.7	2.5	0.6
972	3/24/2014 14:31:12	13.01	46.48	30.15	9.09	8.02	7.0	1.694	104.1	2.6	2.4	0.6
973	3/24/2014 14:46:13	12.79	46.55	30.19	9.02	8.02	6.4	1.759	102.8	3.3	3.1	0.8
974	3/24/2014 15:01:13	12.75	46.79	30.36	8.97	8.01	6.1	1.798	102.3	3.2	3.0	0.8
975	3/24/2014 15:16:13	12.79	46.83	30.39	8.92	8.00	5.9	1.866	101.9	3.2	3.0	0.7
976	3/24/2014 15:31:13	12.48	47.21	30.65	8.79	7.98	4.8	1.924	99.9	2.5	2.4	0.6
977	3/24/2014 15:46:13	12.41	47.24	30.68	8.71	7.98	4.7	1.995	98.9	2.5	2.4	0.6
978	3/24/2014 16:01:13	12.36	47.37	30.76	8.66	7.97	4.5	2.067	98.3	2.2	2.1	0.5
979	3/24/2014 16:16:13	12.21	47.69	30.99	8.58	7.96	4.3	2.135	97.2	2.1	2.0	0.5
980	3/24/2014 16:31:13	11.98	48.04	31.23	8.55	7.94	4.8	2.223	96.5	1.8	1.7	0.4
981	3/24/2014 16:46:13	11.83	48.26	31.39	8.51	7.93	5.7	2.285	95.8	2.4	2.3	0.6
982	3/24/2014 17:01:13	11.77	48.32	31.43	8.51	7.94	5.9	2.359	95.7	1.6	1.5	0.4
983	3/24/2014 17:16:13	11.70	48.38	31.47	8.51	7.93	5.9	2.444	95.7	2.0	1.9	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
984	3/24/2014 17:31:13	11.64	48.45	31.51	8.52	7.94	5.8	2.510	95.6	2.5	2.4	0.6
985	3/24/2014 17:46:13	11.61	48.59	31.61	8.49	7.93	5.6	2.580	95.3	2.5	2.4	0.6
986	3/24/2014 18:01:13	11.62	48.75	31.73	8.50	7.93	5.4	2.649	95.5	2.0	1.9	0.5
987	3/24/2014 18:16:13	11.59	48.68	31.68	8.50	7.92	5.9	2.709	95.4	1.5	1.4	0.3
988	3/24/2014 18:31:13	11.62	48.91	31.85	8.51	7.92	6.7	2.766	95.6	1.4	1.3	0.3
989	3/24/2014 18:46:13	11.65	49.07	31.96	8.58	7.92	6.0	2.829	96.6	2.0	1.9	0.5
990	3/24/2014 19:01:13	11.61	48.99	31.90	8.56	7.92	5.4	2.880	96.3	2.1	2.0	0.5
991	3/24/2014 19:16:13	11.62	49.13	32.00	8.58	7.92	5.0	2.934	96.6	1.9	1.8	0.5
992	3/24/2014 19:31:13	11.50	49.38	32.18	8.55	7.92	4.9	2.982	96.1	1.9	1.8	0.4
993	3/24/2014 19:46:13	11.36	49.44	32.22	8.51	7.91	5.1	3.012	95.4	1.6	1.5	0.4
994	3/24/2014 20:01:13	11.25	49.72	32.42	8.42	7.91	4.9	3.064	94.3	1.7	1.6	0.4
995	3/24/2014 20:16:13	11.26	49.58	32.32	8.36	7.91	4.8	3.055	93.6	1.9	1.8	0.4
996	3/24/2014 20:31:13	11.24	49.77	32.45	8.43	7.90	8.5	3.037	94.3	2.0	1.9	0.5
997	3/24/2014 20:46:13	11.26	49.71	32.41	8.43	7.90	5.1	3.033	94.4	2.0	1.9	0.5
998	3/24/2014 21:01:13	11.34	49.50	32.26	8.39	7.90	4.8	2.989	94.0	1.7	1.6	0.4
999	3/24/2014 21:16:13	11.41	49.43	32.21	8.45	7.91	5.8	2.943	94.8	1.6	1.5	0.4
1000	3/24/2014 21:31:13	11.55	49.21	32.06	8.44	7.92	5.6	2.903	94.9	1.9	1.8	0.5
1001	3/24/2014 21:46:13	11.70	48.71	31.71	8.48	7.93	6.1	2.853	95.4	1.9	1.8	0.4
1002	3/24/2014 22:01:13	11.55	48.80	31.76	8.44	7.93	6.2	2.796	94.7	2.4	2.3	0.6
1003	3/24/2014 22:16:13	11.60	48.75	31.73	8.40	7.93	5.6	2.738	94.3	2.1	2.0	0.5
1004	3/24/2014 22:31:13	11.72	48.60	31.63	8.41	7.94	5.9	2.668	94.6	2.3	2.2	0.5
1005	3/24/2014 22:46:13	11.84	48.37	31.47	8.41	7.94	5.9	2.612	94.8	2.1	2.0	0.5
1006	3/24/2014 23:01:13	11.83	48.35	31.45	8.36	7.94	6.2	2.569	94.1	2.2	2.1	0.5
1007	3/24/2014 23:16:13	11.67	48.53	31.57	8.28	7.93	5.7	2.520	93.0	2.7	2.5	0.6
1008	3/24/2014 23:31:13	11.76	48.37	31.46	8.28	7.93	5.0	2.465	93.1	2.1	2.0	0.5
1009	3/24/2014 23:46:13	11.76	48.31	31.42	8.38	7.94	4.7	2.431	94.2	2.6	2.4	0.6
1010	3/25/2014 0:01:13	11.82	48.15	31.31	8.37	7.94	4.9	2.396	94.2	2.5	2.4	0.6
1011	3/25/2014 0:16:13	12.07	47.84	31.10	8.51	7.96	4.7	2.366	96.1	2.8	2.6	0.7
1012	3/25/2014 0:31:13	12.02	47.99	31.20	8.42	7.95	4.1	2.338	95.1	2.8	2.6	0.7
1013	3/25/2014 0:46:13	12.01	47.88	31.12	8.13	7.94	3.9	2.321	91.8	2.0	1.9	0.5
1014	3/25/2014 1:01:13	12.04	48.02	31.23	8.28	7.94	3.2	2.301	93.5	2.1	2.0	0.5
1015	3/25/2014 1:16:13	12.08	47.79	31.06	8.44	7.95	3.8	2.317	95.4	2.4	2.3	0.6
1016	3/25/2014 1:31:13	12.06	47.75	31.03	8.56	7.96	4.3	2.320	96.7	2.5	2.4	0.6
1017	3/25/2014 1:46:13	11.93	48.01	31.21	8.39	7.94	5.1	2.333	94.6	2.6	2.4	0.6
1018	3/25/2014 2:01:13	11.90	48.20	31.35	8.37	7.93	5.3	2.347	94.3	1.9	1.8	0.4
1019	3/25/2014 2:16:13	11.85	48.34	31.45	8.42	7.93	5.2	2.405	94.9	1.9	1.8	0.4
1020	3/25/2014 2:31:13	11.84	48.19	31.34	8.47	7.94	6.4	2.441	95.3	2.1	2.0	0.5
1021	3/25/2014 2:46:13	11.82	48.29	31.41	8.45	7.94	5.3	2.490	95.1	2.0	1.9	0.5
1022	3/25/2014 3:01:13	11.76	48.34	31.44	8.42	7.94	5.3	2.551	94.8	2.6	2.4	0.6
1023	3/25/2014 3:16:13	11.70	48.50	31.55	8.45	7.93	5.3	2.605	95.0	1.9	1.8	0.4
1024	3/25/2014 3:31:13	11.61	48.68	31.68	8.47	7.93	5.3	2.671	95.1	2.0	1.9	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
1025	3/25/2014 3:46:13	11.55	48.98	31.89	8.46	7.92	4.8	2.721	95.0	2.3	2.2	0.5
1026	3/25/2014 4:01:13	11.47	49.16	32.02	8.47	7.92	4.7	2.781	95.0	2.4	2.3	0.6
1027	3/25/2014 4:16:13	11.31	49.46	32.23	8.47	7.92	5.3	2.831	94.9	1.9	1.8	0.5
1028	3/25/2014 4:31:13	11.25	49.41	32.19	8.53	7.92	5.7	2.906	95.4	2.2	2.1	0.5
1029	3/25/2014 4:46:13	11.18	49.47	32.23	8.52	7.92	4.8	2.977	95.2	1.8	1.7	0.4
1030	3/25/2014 5:01:13	11.12	49.60	32.32	8.53	7.92	5.1	3.029	95.2	1.7	1.6	0.4
1031	3/25/2014 5:16:13	11.04	49.76	32.43	8.48	7.91	4.2	3.088	94.5	2.0	1.9	0.5
1032	3/25/2014 5:31:13	10.95	49.90	32.53	8.45	7.91	5.4	3.151	94.1	1.7	1.6	0.4
1033	3/25/2014 5:46:13	10.92	49.99	32.59	8.48	7.91	5.0	3.209	94.4	1.5	1.4	0.3
1034	3/25/2014 6:01:13	10.88	49.94	32.55	8.49	7.91	5.7	3.262	94.4	1.9	1.8	0.4
1035	3/25/2014 6:16:13	10.72	50.22	32.75	8.55	7.91	5.7	3.310	94.8	8.2	7.7	1.9
1036	3/25/2014 6:31:13	10.65	50.12	32.67	8.53	7.91	5.2	3.352	94.4	1.4	1.3	0.3
1037	3/25/2014 6:46:13	10.61	50.37	32.85	8.55	7.91	4.7	3.383	94.7	1.6	1.5	0.4
1038	3/25/2014 7:01:13	10.58	50.36	32.84	8.53	7.91	4.3	3.402	94.4	1.5	1.4	0.4
1039	3/25/2014 7:16:13	10.54	50.51	32.94	8.46	7.90	3.7	3.428	93.6	1.5	1.4	0.4
1040	3/25/2014 7:31:13	10.53	50.45	32.90	8.39	7.90	4.7	3.430	92.8	1.3	1.2	0.3
1041	3/25/2014 7:46:13	10.54	50.51	32.94	8.45	7.90	4.6	3.424	93.5	1.8	1.7	0.4
1042	3/25/2014 8:01:13	10.53	50.48	32.92	8.45	7.90	4.8	3.404	93.5	1.8	1.7	0.4
1043	3/25/2014 8:16:13	10.95	49.57	32.29	8.50	7.91	3.9	3.376	94.5	1.1	1.0	0.3
1044	3/25/2014 8:31:13	10.85	49.88	32.51	8.45	7.91	4.0	3.330	93.9	1.1	1.0	0.3
1045	3/25/2014 8:46:13	10.94	49.73	32.40	8.53	7.91	5.1	3.253	94.8	1.3	1.2	0.3
1046	3/25/2014 9:01:13	10.91	49.85	32.49	8.54	7.91	5.0	3.205	95.0	2.0	1.9	0.5
1047	3/25/2014 9:16:13	10.94	49.79	32.45	8.46	7.91	5.1	3.126	94.1	1.6	1.5	0.4
1048	3/25/2014 9:31:13	11.21	49.16	32.01	8.48	7.92	6.2	3.021	94.6	2.0	1.9	0.5
1049	3/25/2014 9:46:13	11.36	48.98	31.88	8.53	7.92	5.7	2.954	95.5	1.4	1.3	0.3
1050	3/25/2014 10:01:13	11.38	48.88	31.81	8.55	7.92	4.7	2.861	95.7	1.9	1.8	0.4
1051	3/25/2014 10:16:13	11.34	49.07	31.95	8.57	7.92	5.9	2.764	95.8	2.0	1.9	0.5
1052	3/25/2014 10:31:13	11.50	48.62	31.63	8.56	7.93	6.7	2.669	95.8	2.4	2.3	0.6
1053	3/25/2014 10:46:13	11.47	48.85	31.79	8.61	7.94	5.1	2.567	96.4	1.7	1.6	0.4
1054	3/25/2014 11:01:13	11.69	48.54	31.58	8.64	7.95	5.2	2.458	97.1	2.4	2.3	0.6
1055	3/25/2014 11:16:13	11.67	48.34	31.43	8.75	7.95	5.2	2.352	98.2	2.1	2.0	0.5
1056	3/25/2014 11:31:13	11.68	48.29	31.40	8.85	7.96	5.3	2.252	99.3	2.3	2.2	0.5
1057	3/25/2014 11:46:13	11.75	48.07	31.25	8.88	7.97	5.6	2.114	99.8	2.7	2.5	0.6
1058	3/25/2014 12:01:13	12.07	47.63	30.94	8.94	7.98	5.3	2.033	100.9	2.1	2.0	0.5
1059	3/25/2014 12:16:13	12.21	47.79	31.07	9.12	8.00	4.8	1.916	103.3	2.3	2.2	0.5
1060	3/25/2014 12:31:12	12.46	47.32	30.74	9.03	8.00	4.8	1.801	102.6	2.2	2.1	0.5
1061	3/25/2014 12:46:12	12.65	47.30	30.73	8.92	8.00	5.4	1.699	101.8	2.1	2.0	0.5
1062	3/25/2014 13:01:13	12.80	47.24	30.69	8.91	8.01	6.3	1.617	102.0	2.5	2.4	0.6
1063	3/25/2014 13:16:13	12.87	47.06	30.56	8.86	8.01	5.7	1.523	101.4	2.1	2.0	0.5
1064	3/25/2014 13:31:13	12.87	47.03	30.54	8.73	8.00	4.7	1.461	99.9	1.9	1.8	0.5
1065	3/25/2014 13:46:12	12.95	47.01	30.53	8.51	7.98	3.2	1.426	97.6	1.8	1.7	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
1066	3/25/2014 14:01:12	13.04	47.01	30.53	8.86	8.01	5.9	1.404	101.8	2.0	1.9	0.5
1067	3/25/2014 14:16:12	12.73	47.16	30.63	8.75	7.99	4.5	1.401	100.0	2.9	2.7	0.7
1068	3/25/2014 14:31:13	12.64	47.33	30.75	8.65	7.98	5.1	1.401	98.7	2.4	2.3	0.6
1069	3/25/2014 14:46:13	12.93	47.19	30.66	8.74	7.99	6.1	1.447	100.3	2.4	2.3	0.6
1070	3/25/2014 15:01:13	12.96	47.15	30.63	8.73	7.98	8.6	1.501	100.1	2.6	2.4	0.6
1071	3/25/2014 15:16:13	13.10	46.95	30.49	8.78	7.99	10.1	1.541	101.0	2.8	2.6	0.7
1072	3/25/2014 15:31:12	13.21	46.38	30.08	8.87	8.01	10.3	1.626	102.0	2.9	2.7	0.7
1073	3/25/2014 15:46:12	13.12	46.44	30.12	8.87	8.01	8.6	1.698	101.8	3.0	2.8	0.7
1074	3/25/2014 16:01:13	12.90	46.89	30.44	8.78	7.99	7.6	1.752	100.5	2.8	2.6	0.7
1075	3/25/2014 16:16:13	12.76	47.00	30.52	8.74	7.98	6.5	1.821	99.8	2.6	2.4	0.6
1076	3/25/2014 16:31:13	12.68	47.11	30.59	8.71	7.98	5.6	1.890	99.4	2.8	2.6	0.7
1077	3/25/2014 16:46:13	12.62	47.28	30.71	8.66	7.97	5.2	1.951	98.7	2.3	2.2	0.5
1078	3/25/2014 17:01:13	12.46	47.48	30.85	8.61	7.96	5.7	2.035	97.9	2.4	2.3	0.6
1079	3/25/2014 17:16:13	12.34	47.73	31.03	8.61	7.96	6.7	2.111	97.7	1.7	1.6	0.4
1080	3/25/2014 17:31:13	12.22	47.94	31.17	8.60	7.95	5.6	2.174	97.6	2.3	2.2	0.5
1081	3/25/2014 17:46:13	12.17	48.06	31.26	8.60	7.94	5.6	2.257	97.5	2.3	2.2	0.5
1082	3/25/2014 18:01:13	12.13	48.18	31.34	8.64	7.95	5.6	2.349	97.9	2.2	2.1	0.5
1083	3/25/2014 18:16:13	12.10	48.31	31.44	8.64	7.95	5.9	2.420	97.9	1.9	1.8	0.5
1084	3/25/2014 18:31:13	12.03	48.30	31.42	8.68	7.95	7.2	2.499	98.1	2.4	2.3	0.6
1085	3/25/2014 18:46:13	11.99	48.53	31.59	8.66	7.94	6.8	2.567	98.0	2.4	2.3	0.6
1086	3/25/2014 19:01:13	11.90	48.43	31.51	8.64	7.94	7.9	2.641	97.5	2.0	1.9	0.5
1087	3/25/2014 19:16:13	11.82	48.58	31.62	8.62	7.93	9.2	2.725	97.2	2.5	2.4	0.6
1088	3/25/2014 19:31:13	11.76	48.79	31.77	8.69	7.93	9.1	2.784	98.0	2.8	2.6	0.6
1089	3/25/2014 19:46:13	11.70	49.00	31.92	8.69	7.93	9.2	2.855	97.9	2.7	2.5	0.6
1090	3/25/2014 20:01:13	11.64	49.25	32.10	8.68	7.93	7.5	2.926	97.8	2.3	2.2	0.5
1091	3/25/2014 20:16:13	11.57	49.43	32.22	8.67	7.92	7.9	3.000	97.7	3.1	2.9	0.7
1092	3/25/2014 20:31:13	11.47	49.68	32.39	8.69	7.92	7.4	3.041	97.8	2.6	2.4	0.6
1093	3/25/2014 20:46:13	11.39	49.58	32.32	8.70	7.92	6.3	3.092	97.6	2.7	2.5	0.6
1094	3/25/2014 21:01:13	11.28	49.93	32.57	8.70	7.92	5.7	3.126	97.5	2.1	2.0	0.5
1095	3/25/2014 21:16:13	11.23	49.92	32.56	8.72	7.92	5.9	3.160	97.7	2.5	2.4	0.6
1096	3/25/2014 21:31:13	11.20	50.10	32.69	8.59	7.92	3.7	3.181	96.3	2.0	1.9	0.5
1097	3/25/2014 21:46:13	11.24	50.02	32.63	8.65	7.91	5.9	3.159	97.0	2.1	2.0	0.5
1098	3/25/2014 22:01:13	11.21	50.05	32.65	8.68	7.91	6.6	3.145	97.2	2.3	2.2	0.5
1099	3/25/2014 22:16:13	11.32	49.81	32.48	8.62	7.92	6.0	3.097	96.7	1.6	1.5	0.4
1100	3/25/2014 22:31:13	11.70	49.07	31.97	8.55	7.93	6.6	3.056	96.3	2.5	2.4	0.6
1101	3/25/2014 22:46:13	11.73	48.82	31.78	8.49	7.93	7.0	2.992	95.6	2.5	2.4	0.6
1102	3/25/2014 23:01:13	11.70	49.15	32.03	8.57	7.93	7.6	2.911	96.7	2.6	2.4	0.6
1103	3/25/2014 23:16:13	11.86	48.60	31.63	8.53	7.94	8.1	2.840	96.3	2.4	2.3	0.6
1104	3/25/2014 23:31:13	11.92	48.60	31.64	8.49	7.93	7.5	2.784	95.9	1.9	1.8	0.5
1105	3/25/2014 23:46:13	11.89	48.72	31.72	8.46	7.93	7.0	2.692	95.6	2.2	2.1	0.5
1106	3/26/2014 0:01:13	11.97	48.56	31.61	8.39	7.93	5.9	2.621	94.8	2.2	2.1	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
1107	3/26/2014 0:16:13	11.97	48.38	31.48	8.37	7.93	6.3	2.554	94.6	2.1	2.0	0.5
1108	3/26/2014 0:31:13	11.93	48.37	31.47	8.28	7.92	6.2	2.506	93.5	2.4	2.3	0.6
1109	3/26/2014 0:46:13	12.06	48.14	31.31	8.44	7.94	5.7	2.435	95.5	2.8	2.6	0.7
1110	3/26/2014 1:01:13	12.08	48.11	31.29	8.48	7.94	6.7	2.361	95.9	2.3	2.2	0.5
1111	3/26/2014 1:16:13	12.18	47.87	31.12	8.48	7.95	6.1	2.302	96.0	2.9	2.7	0.7
1112	3/26/2014 1:31:13	12.13	48.05	31.25	8.41	7.94	5.0	2.276	95.2	2.7	2.5	0.6
1113	3/26/2014 1:46:13	12.13	48.04	31.24	8.37	7.94	5.3	2.219	94.8	2.4	2.3	0.6
1114	3/26/2014 2:01:13	12.30	47.52	30.88	8.37	7.95	4.9	2.188	94.9	2.3	2.2	0.5
1115	3/26/2014 2:16:13	12.35	47.41	30.80	8.30	7.95	4.5	2.164	94.2	2.5	2.4	0.6
1116	3/26/2014 2:31:13	12.41	47.51	30.87	8.11	7.95	3.6	2.166	92.2	3.1	2.9	0.7
1117	3/26/2014 2:46:13	12.28	47.76	31.04	8.28	7.94	4.1	2.154	93.9	2.4	2.3	0.6
1118	3/26/2014 3:01:13	12.23	47.79	31.06	8.29	7.94	4.9	2.168	94.0	2.0	1.9	0.5
1119	3/26/2014 3:16:13	12.17	47.93	31.16	8.35	7.94	5.3	2.200	94.6	2.1	2.0	0.5
1120	3/26/2014 3:31:13	12.12	48.07	31.26	8.34	7.93	5.4	2.229	94.5	2.0	1.9	0.5
1121	3/26/2014 3:46:13	12.08	47.95	31.18	8.36	7.93	6.2	2.276	94.5	2.6	2.4	0.6
1122	3/26/2014 4:01:13	12.08	47.88	31.13	8.40	7.94	6.4	2.334	95.0	2.2	2.1	0.5
1123	3/26/2014 4:16:13	12.04	48.09	31.27	8.34	7.93	6.1	2.395	94.3	1.8	1.7	0.4
1124	3/26/2014 4:31:13	11.97	48.15	31.31	8.34	7.93	6.4	2.449	94.1	2.4	2.3	0.6
1125	3/26/2014 4:46:13	11.88	48.29	31.41	8.35	7.92	6.2	2.535	94.1	2.0	1.9	0.5
1126	3/26/2014 5:01:13	11.76	48.54	31.59	8.36	7.92	6.1	2.572	94.2	2.3	2.2	0.5
1127	3/26/2014 5:16:13	11.70	48.87	31.82	8.39	7.92	6.3	2.656	94.5	2.0	1.9	0.5
1128	3/26/2014 5:31:13	11.63	48.90	31.84	8.47	7.92	6.1	2.721	95.3	1.7	1.6	0.4
1129	3/26/2014 5:46:13	11.59	48.93	31.86	8.49	7.92	5.5	2.792	95.5	2.0	1.9	0.5
1130	3/26/2014 6:01:13	11.50	49.34	32.15	8.50	7.92	6.2	2.865	95.6	2.1	2.0	0.5
1131	3/26/2014 6:16:13	11.40	49.57	32.31	8.51	7.91	7.6	2.927	95.6	2.1	2.0	0.5
1132	3/26/2014 6:31:13	11.31	49.65	32.37	8.54	7.91	7.2	3.007	95.7	1.9	1.8	0.5
1133	3/26/2014 6:46:13	11.30	49.50	32.26	8.55	7.92	7.1	3.090	95.8	2.7	2.5	0.6
1134	3/26/2014 7:01:13	11.18	49.57	32.31	8.60	7.92	6.4	3.153	96.0	1.9	1.8	0.5
1135	3/26/2014 7:16:13	11.12	49.80	32.47	8.60	7.92	6.5	3.212	96.1	2.0	1.9	0.5
1136	3/26/2014 7:31:13	10.96	50.11	32.68	8.65	7.91	7.2	3.280	96.4	1.7	1.6	0.4
1137	3/26/2014 7:46:13	10.85	50.23	32.76	8.67	7.91	6.5	3.346	96.4	1.8	1.7	0.4
1138	3/26/2014 8:01:13	10.77	50.39	32.87	8.68	7.91	6.1	3.391	96.5	1.7	1.6	0.4
1139	3/26/2014 8:16:13	10.71	50.51	32.95	8.69	7.91	5.7	3.420	96.5	1.8	1.7	0.4
1140	3/26/2014 8:31:14	10.69	50.53	32.97	8.71	7.91	4.9	3.445	96.7	1.6	1.5	0.4
1141	3/26/2014 8:46:14	10.72	50.45	32.92	8.60	7.91	4.3	3.454	95.5	1.8	1.7	0.4
1142	3/26/2014 9:01:13	10.70	50.51	32.96	8.62	7.91	4.9	3.446	95.7	2.0	1.9	0.5
1143	3/26/2014 9:16:13	10.68	50.57	32.99	8.62	7.91	5.6	3.429	95.7	1.8	1.7	0.4
1144	3/26/2014 9:31:13	10.76	50.41	32.89	8.61	7.91	5.7	3.392	95.7	1.4	1.3	0.3
1145	3/26/2014 9:46:13	11.16	49.66	32.37	8.53	7.91	5.4	3.336	95.3	1.8	1.7	0.4
1146	3/26/2014 10:01:13	11.41	49.29	32.11	8.53	7.92	6.1	3.248	95.7	2.0	1.9	0.5
1147	3/26/2014 10:16:13	11.45	49.07	31.96	8.53	7.92	5.7	3.205	95.7	1.9	1.8	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
1148	3/26/2014 10:31:13	11.40	49.21	32.05	8.48	7.92	6.4	3.115	95.0	2.1	2.0	0.5
1149	3/26/2014 10:46:13	11.49	48.92	31.85	8.58	7.93	7.2	3.014	96.2	1.6	1.5	0.4
1150	3/26/2014 11:01:13	11.53	49.02	31.92	8.62	7.93	5.9	2.919	96.8	2.2	2.1	0.5
1151	3/26/2014 11:16:13	11.65	48.97	31.89	8.63	7.93	5.2	2.816	97.2	2.1	2.0	0.5
1152	3/26/2014 11:31:13	11.79	48.67	31.68	8.62	7.94	5.0	2.729	97.2	2.1	2.0	0.5
1153	3/26/2014 11:46:13	11.85	48.64	31.66	8.64	7.94	4.8	2.615	97.5	2.3	2.2	0.5
1154	3/26/2014 12:01:13	11.97	48.45	31.53	8.70	7.95	5.7	2.501	98.4	2.1	2.0	0.5
1155	3/26/2014 12:16:13	12.02	48.71	31.72	8.79	7.96	5.0	2.399	99.6	1.9	1.8	0.5
1156	3/26/2014 12:31:13	12.21	48.36	31.47	8.94	7.97	5.9	2.287	101.5	2.0	1.9	0.5
1157	3/26/2014 12:46:13	12.36	48.34	31.47	8.98	7.98	5.6	2.179	102.3	2.0	1.9	0.5
1158	3/26/2014 13:01:12	12.51	47.89	31.15	8.84	7.98	5.9	2.062	100.8	1.9	1.8	0.5
1159	3/26/2014 13:16:13	12.71	48.06	31.28	9.07	8.00	5.1	1.954	104.0	2.1	2.0	0.5
1160	3/26/2014 13:31:13	12.84	47.93	31.19	9.07	8.01	6.1	1.846	104.2	2.3	2.2	0.5
1161	3/26/2014 13:46:12	13.02	47.68	31.01	9.18	8.01	7.5	1.741	105.8	2.4	2.3	0.6
1162	3/26/2014 14:01:12	13.23	47.75	31.08	9.16	8.02	8.9	1.627	106.0	2.3	2.2	0.5
1163	3/26/2014 14:16:12	13.30	47.45	30.86	8.98	8.02	9.4	1.546	104.0	2.5	2.4	0.6
1164	3/26/2014 14:31:12	13.39	47.30	30.75	8.95	8.02	10.2	1.472	103.8	2.4	2.3	0.6
1165	3/26/2014 14:46:12	13.42	47.18	30.67	8.91	8.01	9.9	1.400	103.3	2.3	2.2	0.5
1166	3/26/2014 15:01:12	13.42	47.19	30.67	8.75	8.00	8.9	1.373	101.4	2.3	2.2	0.5
1167	3/26/2014 15:16:12	13.69	47.08	30.60	8.81	8.02	11.5	1.362	102.7	2.3	2.2	0.5
1168	3/26/2014 15:31:12	13.44	47.36	30.80	8.87	8.01	10.0	1.340	103.0	2.3	2.2	0.5
1169	3/26/2014 15:46:12	13.37	47.33	30.78	8.85	8.00	14.2	1.395	102.5	2.6	2.4	0.6
1170	3/26/2014 16:01:12	13.27	47.28	30.74	8.89	8.00	9.0	1.435	102.8	2.4	2.3	0.6
1171	3/26/2014 16:16:12	13.23	47.35	30.78	8.87	7.99	9.3	1.495	102.5	2.8	2.6	0.7
1172	3/26/2014 16:31:12	13.45	46.48	30.16	8.93	8.00	15.1	1.550	103.2	3.1	2.9	0.7
1173	3/26/2014 16:46:12	13.37	46.47	30.15	8.92	8.00	9.8	1.637	103.0	3.2	3.0	0.8
1174	3/26/2014 17:01:12	13.13	47.01	30.53	8.80	7.98	7.9	1.717	101.2	2.5	2.4	0.6
1175	3/26/2014 17:16:12	13.07	47.10	30.60	8.76	7.98	7.6	1.808	100.8	2.3	2.2	0.5
1176	3/26/2014 17:31:12	13.02	47.22	30.68	8.74	7.98	6.9	1.891	100.5	2.1	2.0	0.5
1177	3/26/2014 17:46:12	12.92	47.28	30.72	8.70	7.97	6.0	1.966	99.8	2.3	2.2	0.5
1178	3/26/2014 18:01:12	12.74	47.38	30.79	8.63	7.96	6.5	2.050	98.7	2.1	2.0	0.5
1179	3/26/2014 18:16:12	12.67	47.59	30.93	8.63	7.95	6.0	2.143	98.6	2.5	2.4	0.6
1180	3/26/2014 18:31:13	12.58	47.93	31.18	8.64	7.95	7.2	2.221	98.8	2.5	2.4	0.6
1181	3/26/2014 18:46:13	12.42	48.06	31.27	8.63	7.94	6.9	2.319	98.3	2.3	2.2	0.5
1182	3/26/2014 19:01:13	12.36	48.12	31.31	8.64	7.94	8.0	2.406	98.3	2.8	2.6	0.7
1183	3/26/2014 19:16:13	12.30	48.29	31.43	8.64	7.94	7.7	2.487	98.3	2.7	2.5	0.6
1184	3/26/2014 19:31:13	12.23	48.33	31.45	8.64	7.94	8.2	2.574	98.2	2.3	2.2	0.5
1185	3/26/2014 19:46:13	12.14	48.45	31.54	8.62	7.94	9.4	2.655	97.8	2.5	2.4	0.6
1186	3/26/2014 20:01:13	12.03	48.59	31.64	8.67	7.93	10.9	2.744	98.3	3.1	2.9	0.7
1187	3/26/2014 20:16:13	11.92	48.87	31.83	8.70	7.93	10.8	2.831	98.4	3.1	2.9	0.7
1188	3/26/2014 20:31:13	11.85	49.12	32.01	8.71	7.93	9.4	2.919	98.6	3.0	2.8	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
1189	3/26/2014 20:46:13	11.79	49.12	32.01	8.73	7.93	10.7	3.013	98.6	2.3	2.2	0.5
1190	3/26/2014 21:01:13	11.62	49.48	32.26	8.83	7.93	9.9	3.090	99.6	2.4	2.3	0.6
1191	3/26/2014 21:16:13	11.50	49.68	32.40	8.90	7.94	9.4	3.154	100.2	2.8	2.6	0.7
1192	3/26/2014 21:31:13	11.37	49.97	32.60	9.00	7.94	7.7	3.222	101.1	2.9	2.7	0.7
1193	3/26/2014 21:46:13	11.33	50.02	32.64	9.04	7.95	6.7	3.265	101.6	2.5	2.4	0.6
1194	3/26/2014 22:01:13	11.25	50.08	32.68	9.07	7.95	5.7	3.304	101.7	3.3	3.1	0.8
1195	3/26/2014 22:16:13	11.26	50.02	32.63	9.03	7.95	5.0	3.333	101.3	2.7	2.5	0.6
1196	3/26/2014 22:31:13	11.32	50.01	32.63	8.94	7.95	5.7	3.337	100.4	2.8	2.6	0.7
1197	3/26/2014 22:46:13	11.28	49.98	32.61	9.00	7.95	6.3	3.306	100.9	2.6	2.4	0.6
1198	3/26/2014 23:01:13	11.27	50.22	32.78	9.00	7.95	7.1	3.260	101.0	2.6	2.4	0.6
1199	3/26/2014 23:16:13	11.69	49.32	32.15	8.72	7.93	8.8	3.215	98.4	2.4	2.3	0.6
1200	3/26/2014 23:31:13	11.82	49.03	31.94	8.56	7.93	8.9	3.140	96.8	2.3	2.2	0.5
1201	3/26/2014 23:46:13	11.80	49.13	32.02	8.63	7.93	10.4	3.051	97.5	2.3	2.2	0.5
1202	3/27/2014 0:01:13	11.92	48.70	31.71	8.58	7.93	8.9	2.966	97.0	2.9	2.7	0.7
1203	3/27/2014 0:16:13	11.96	48.65	31.67	8.52	7.93	7.2	2.878	96.4	2.5	2.4	0.6
1204	3/27/2014 0:31:13	12.02	48.53	31.59	8.45	7.93	6.7	2.794	95.7	1.9	1.8	0.5
1205	3/27/2014 0:46:13	12.07	48.46	31.54	8.40	7.93	8.1	2.705	95.2	2.6	2.4	0.6
1206	3/27/2014 1:01:13	12.08	48.47	31.55	8.35	7.92	8.7	2.613	94.6	2.5	2.4	0.6
1207	3/27/2014 1:16:13	11.99	48.40	31.49	8.32	7.92	7.5	2.537	94.0	2.7	2.5	0.6
1208	3/27/2014 1:31:13	12.16	48.16	31.33	8.47	7.94	9.7	2.449	96.0	2.5	2.4	0.6
1209	3/27/2014 1:46:13	12.17	48.26	31.40	8.46	7.93	7.7	2.370	95.9	3.2	3.0	0.8
1210	3/27/2014 2:01:13	12.09	48.20	31.36	8.43	7.93	7.2	2.291	95.4	2.6	2.4	0.6
1211	3/27/2014 2:16:13	12.10	48.23	31.38	8.38	7.93	6.5	2.206	94.9	3.0	2.8	0.7
1212	3/27/2014 2:31:13	12.34	47.75	31.04	8.37	7.94	5.8	2.148	95.1	2.4	2.3	0.6
1213	3/27/2014 2:46:13	12.46	47.57	30.91	8.37	7.95	6.0	2.084	95.2	2.7	2.5	0.6
1214	3/27/2014 3:01:13	12.51	47.40	30.80	8.35	7.95	6.0	2.023	95.0	2.6	2.4	0.6
1215	3/27/2014 3:16:13	12.57	47.21	30.66	8.35	7.96	5.3	2.004	95.1	2.4	2.3	0.6
1216	3/27/2014 3:31:13	12.67	47.19	30.65	8.28	7.96	4.0	1.980	94.5	2.4	2.3	0.6
1217	3/27/2014 3:46:13	12.67	47.12	30.60	8.13	7.96	4.0	1.959	92.7	2.0	1.9	0.5
1218	3/27/2014 4:01:13	12.55	47.16	30.62	8.36	7.96	5.7	1.970	95.1	2.4	2.3	0.6
1219	3/27/2014 4:16:13	12.47	47.42	30.81	8.29	7.95	5.9	2.001	94.3	2.7	2.5	0.6
1220	3/27/2014 4:31:13	12.42	47.55	30.90	8.29	7.94	6.1	2.041	94.2	2.7	2.5	0.6
1221	3/27/2014 4:46:13	12.40	47.60	30.93	8.32	7.94	6.8	2.115	94.5	2.3	2.2	0.6
1222	3/27/2014 5:01:13	12.35	47.40	30.79	8.33	7.94	9.2	2.160	94.5	2.6	2.4	0.6
1223	3/27/2014 5:16:13	12.34	47.37	30.77	8.33	7.94	7.6	2.248	94.4	2.6	2.4	0.6
1224	3/27/2014 5:31:13	12.27	47.61	30.94	8.33	7.93	6.7	2.325	94.4	2.4	2.3	0.6
1225	3/27/2014 5:46:13	12.23	47.80	31.07	8.32	7.93	7.1	2.400	94.3	2.4	2.3	0.6
1226	3/27/2014 6:01:13	12.13	48.01	31.22	8.32	7.92	6.4	2.464	94.2	2.7	2.5	0.6
1227	3/27/2014 6:16:13	12.00	48.34	31.45	8.36	7.92	6.5	2.542	94.5	2.2	2.1	0.5
1228	3/27/2014 6:31:13	11.97	48.42	31.51	8.42	7.92	6.2	2.620	95.1	2.1	2.0	0.5
1229	3/27/2014 6:46:13	11.94	48.39	31.49	8.46	7.93	6.4	2.688	95.5	2.8	2.6	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.94)	Fluorescence %FS
1230	3/27/2014 7:01:13	11.91	48.49	31.55	8.48	7.93	7.1	2.762	95.8	2.3	2.2	0.5
1231	3/27/2014 7:16:13	11.82	48.64	31.66	8.53	7.93	6.8	2.845	96.2	2.3	2.2	0.5
1232	3/27/2014 7:31:13	11.68	49.14	32.02	8.58	7.93	8.4	2.938	96.7	2.4	2.3	0.6
1233	3/27/2014 7:46:13	11.59	49.29	32.12	8.64	7.93	8.9	3.009	97.2	2.2	2.1	0.5
1234	3/27/2014 8:01:13	11.48	49.48	32.25	8.70	7.93	10.3	3.074	97.8	2.2	2.1	0.5
1235	3/27/2014 8:16:13	11.35	49.62	32.35	8.83	7.95	10.3	3.179	99.1	2.6	2.4	0.6
1236	3/27/2014 8:31:13	11.30	49.66	32.37	8.89	7.95	8.3	3.254	99.6	2.5	2.4	0.6
1237	3/27/2014 8:46:13	11.23	49.68	32.39	8.95	7.96	7.0	3.311	100.1	2.6	2.4	0.6
1238	3/27/2014 9:01:13	11.11	49.95	32.57	9.05	7.97	7.1	3.391	101.2	2.4	2.3	0.6
1239	3/27/2014 9:16:13	11.03	50.05	32.64	9.16	7.98	6.2	3.453	102.2	3.1	2.9	0.7
	Mean	12.40	46.85	30.39	8.55	7.95	13.14	2.53	96.83	2.60	2.45	0.61
	Minimum	10.24	41.39	26.56	7.83	7.89	3.20	1.34	87.60	0.80	0.75	0.20
	Maximum	15.45	50.72	33.08	9.44	8.04	110.20	3.58	111.40	8.20	7.71	1.90

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

Chlorophyll/Fluorescence displayed as *in vivo* (non-extractive) readings from YSI 6025 chlorophyll probe

Chlorophyll corrected with ratio derived from extractive analysis; Sample collected at 11:30; value = 1.32

Flagged data due to suspect values (i.e., equipment malfunction, interference, etc.)

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
0	3/27/2014 9:46:03	10.99	49.88	32.52	8.67	7.92	21.1	3.181	96.5	2.8	1.0	0.7
1	3/27/2014 10:01:03	11.04	49.90	32.53	8.82	7.94	5.7	3.393	98.4	2.9	1.0	0.7
2	3/27/2014 10:16:04	10.98	50.07	32.65	8.80	7.95	4.2	3.372	98.1	2.0	0.7	0.5
3	3/27/2014 10:31:04	10.91	50.18	32.73	8.85	7.96	4.3	3.342	98.5	2.6	0.9	0.6
4	3/27/2014 10:46:03	11.44	49.48	32.25	8.72	7.94	5.0	3.308	97.9	2.3	0.8	0.5
5	3/27/2014 11:01:03	11.79	49.11	32.00	8.67	7.93	7.1	3.232	98.0	1.8	0.6	0.4
6	3/27/2014 11:16:03	11.84	49.07	31.97	8.65	7.94	5.3	3.152	97.8	1.9	0.7	0.4
7	3/27/2014 11:31:03	11.85	49.11	32.01	8.68	7.94	4.7	3.267	98.2	1.7	0.6	0.4
8	3/27/2014 11:46:03	11.94	48.88	31.84	8.50	7.93	6.1	3.170	96.3	2.4	0.8	0.6
9	3/27/2014 12:01:03	11.95	48.94	31.88	8.59	7.93	5.4	3.056	97.3	1.7	0.6	0.4
10	3/27/2014 12:16:03	12.01	48.90	31.86	8.62	7.94	6.3	2.934	97.8	2.1	0.7	0.5
11	3/27/2014 12:31:03	12.10	48.80	31.79	8.61	7.94	5.3	2.841	97.8	2.1	0.7	0.5
12	3/27/2014 12:46:03	12.23	48.66	31.69	8.64	7.94	5.9	2.735	98.3	2.4	0.8	0.6
13	3/27/2014 13:01:03	12.29	48.41	31.52	8.58	7.94	7.5	2.615	97.6	1.7	0.6	0.4
14	3/27/2014 13:16:03	12.39	48.28	31.43	8.71	7.95	7.3	2.498	99.3	2.0	0.7	0.5
15	3/27/2014 13:31:03	12.44	48.30	31.44	8.89	7.97	6.7	2.375	101.4	2.1	0.7	0.5
16	3/27/2014 13:46:03	12.57	48.12	31.32	9.05	7.99	5.9	2.263	103.5	1.8	0.6	0.4
17	3/27/2014 14:01:03	12.63	47.97	31.21	9.00	7.99	7.0	2.117	103.0	2.6	0.9	0.6
18	3/27/2014 14:16:03	12.73	47.91	31.17	9.13	8.01	7.1	1.991	104.6	2.6	0.9	0.6
19	3/27/2014 14:31:03	12.87	47.72	31.04	9.18	8.02	8.2	1.876	105.4	1.7	0.6	0.4
20	3/27/2014 14:46:03	12.99	47.59	30.95	9.07	8.03	8.1	1.763	104.4	2.4	0.8	0.6
21	3/27/2014 15:01:03	13.12	47.37	30.79	9.00	8.04	8.6	1.645	103.7	2.1	0.7	0.5
22	3/27/2014 15:16:03	13.23	47.18	30.66	8.97	8.04	10.5	1.543	103.6	2.3	0.8	0.6
23	3/27/2014 15:31:03	13.28	47.03	30.56	8.83	8.03	9.7	1.484	101.9	1.9	0.7	0.5
24	3/27/2014 15:46:03	13.32	46.89	30.46	8.70	8.02	8.6	1.415	100.5	2.7	0.9	0.6
25	3/27/2014 16:01:03	13.35	46.91	30.47	8.53	8.02	7.2	1.375	98.6	1.8	0.6	0.4
26	3/27/2014 16:16:03	13.34	46.98	30.52	8.75	8.03	11.1	1.372	101.2	3.0	1.1	0.7
27	3/27/2014 16:31:03	13.28	46.97	30.51	8.83	8.02	11.3	1.397	101.9	2.1	0.7	0.5
28	3/27/2014 16:46:03	13.20	47.05	30.56	8.81	8.02	9.5	1.457	101.6	1.7	0.6	0.4
29	3/27/2014 17:01:03	13.15	47.05	30.57	8.84	8.01	6.1	1.508	101.8	2.5	0.9	0.6
30	3/27/2014 17:16:03	13.18	46.73	30.34	8.84	8.01	7.4	1.568	101.8	2.6	0.9	0.6
31	3/27/2014 17:31:03	13.14	46.86	30.42	8.83	8.01	6.4	1.686	101.5	2.3	0.8	0.6
32	3/27/2014 17:46:03	13.11	46.81	30.39	8.80	8.00	7.3	1.768	101.2	2.8	1.0	0.7
33	3/27/2014 18:01:03	13.11	46.68	30.29	8.77	8.00	7.2	1.842	100.8	2.3	0.8	0.5
34	3/27/2014 18:16:03	13.07	46.73	30.33	8.74	7.99	6.5	1.934	100.4	2.4	0.8	0.6
35	3/27/2014 18:31:03	13.01	46.93	30.48	8.73	7.99	7.2	2.040	100.2	2.1	0.7	0.5
36	3/27/2014 18:46:03	12.90	47.20	30.66	8.68	7.98	7.0	2.120	99.5	1.7	0.6	0.4
37	3/27/2014 19:01:03	12.69	47.54	30.90	8.55	7.96	7.3	2.211	97.8	2.1	0.7	0.5
38	3/27/2014 19:16:03	12.64	47.59	30.93	8.53	7.96	7.0	2.328	97.5	1.9	0.7	0.4
39	3/27/2014 19:31:03	12.57	47.73	31.03	8.52	7.96	6.8	2.418	97.2	2.2	0.8	0.5
40	3/27/2014 19:46:03	12.49	47.91	31.16	8.51	7.95	8.6	2.515	97.0	2.1	0.7	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
41	3/27/2014 20:01:04	12.38	48.01	31.23	8.49	7.95	8.9	2.604	96.6	3.1	1.1	0.7
42	3/27/2014 20:16:03	12.31	48.10	31.29	8.48	7.94	9.6	2.712	96.4	2.6	0.9	0.6
43	3/27/2014 20:31:03	12.25	48.27	31.41	8.49	7.94	9.8	2.797	96.4	2.5	0.9	0.6
44	3/27/2014 20:46:04	12.12	48.44	31.53	8.55	7.95	13.6	2.892	97.0	2.6	0.9	0.6
45	3/27/2014 21:01:03	12.01	48.66	31.69	8.60	7.95	12.1	2.981	97.4	2.3	0.8	0.6
46	3/27/2014 21:16:04	11.83	49.00	31.92	8.72	7.96	11.9	3.072	98.6	3.4	1.2	0.8
47	3/27/2014 21:31:04	11.62	49.33	32.15	8.88	7.98	12.0	3.170	100.0	3.5	1.2	0.8
48	3/27/2014 21:46:04	11.46	49.63	32.36	9.00	8.00	12.0	3.256	101.2	4.6	1.6	1.1
49	3/27/2014 22:01:04	11.33	49.88	32.54	9.13	8.02	10.0	3.334	102.5	4.6	1.6	1.1
50	3/27/2014 22:16:04	11.20	50.11	32.69	9.24	8.03	7.8	3.424	103.5	4.9	1.7	1.2
51	3/27/2014 22:31:03	11.06	50.34	32.85	9.33	8.05	7.3	3.481	104.3	4.2	1.5	1.0
52	3/27/2014 22:46:04	11.00	50.46	32.94	9.37	8.05	6.7	3.517	104.7	4.8	1.7	1.1
53	3/27/2014 23:01:04	10.95	50.54	32.99	9.31	8.06	4.8	3.546	104.0	4.9	1.7	1.2
54	3/27/2014 23:16:04	11.07	50.33	32.85	9.17	8.05	5.1	3.563	102.6	4.7	1.6	1.1
55	3/27/2014 23:31:03	10.95	50.49	32.95	9.25	8.06	6.0	3.526	103.3	3.6	1.3	0.9
56	3/27/2014 23:46:04	10.95	50.57	33.01	9.29	8.06	5.6	3.498	103.7	3.8	1.3	0.9
57	3/28/2014 0:01:04	11.82	48.88	31.83	8.52	7.97	8.6	3.440	96.2	3.1	1.1	0.7
58	3/28/2014 0:16:04	11.83	48.93	31.87	8.51	7.97	7.2	3.355	96.2	2.6	0.9	0.6
59	3/28/2014 0:31:03	11.70	49.13	32.01	8.60	7.99	7.3	3.256	97.0	2.7	0.9	0.6
60	3/28/2014 0:46:03	11.73	49.04	31.94	8.73	7.99	13.5	3.150	98.4	3.1	1.1	0.7
61	3/28/2014 1:01:03	11.87	48.84	31.81	8.62	7.98	8.2	3.060	97.4	2.9	1.0	0.7
62	3/28/2014 1:16:03	11.95	48.67	31.69	8.47	7.96	7.4	2.945	95.9	2.4	0.8	0.6
63	3/28/2014 1:31:04	11.99	48.59	31.63	8.43	7.96	8.0	2.841	95.4	3.1	1.1	0.7
64	3/28/2014 1:46:03	12.07	48.39	31.49	8.30	7.95	7.6	2.731	94.0	1.8	0.6	0.4
65	3/28/2014 2:01:04	12.06	48.43	31.52	8.26	7.94	7.6	2.627	93.6	2.7	0.9	0.6
66	3/28/2014 2:16:03	12.23	48.11	31.30	8.32	7.95	9.7	2.529	94.4	2.8	1.0	0.7
67	3/28/2014 2:31:03	12.16	48.19	31.35	8.38	7.96	8.0	2.421	95.0	2.6	0.9	0.6
68	3/28/2014 2:46:03	12.22	48.06	31.26	8.35	7.96	7.6	2.327	94.8	2.3	0.8	0.5
69	3/28/2014 3:01:04	12.25	47.98	31.21	8.27	7.95	8.0	2.238	93.9	2.8	1.0	0.7
70	3/28/2014 3:16:04	12.42	47.65	30.97	8.19	7.96	8.0	2.142	93.1	2.5	0.9	0.6
71	3/28/2014 3:31:04	12.47	47.49	30.86	8.16	7.96	6.8	2.048	92.8	2.6	0.9	0.6
72	3/28/2014 3:46:04	12.55	47.30	30.73	8.14	7.96	7.3	1.955	92.7	2.4	0.8	0.6
73	3/28/2014 4:01:04	12.70	47.02	30.53	8.15	7.97	6.0	1.902	92.9	2.3	0.8	0.6
74	3/28/2014 4:16:03	12.76	46.85	30.41	8.13	7.98	7.2	1.841	92.8	2.4	0.8	0.6
75	3/28/2014 4:31:04	12.80	46.77	30.35	8.03	7.98	4.4	1.811	91.7	2.4	0.8	0.6
76	3/28/2014 4:46:03	12.79	46.74	30.33	8.03	7.98	6.1	1.804	91.7	2.5	0.9	0.6
77	3/28/2014 5:01:03	12.74	46.76	30.34	8.21	7.98	6.9	1.832	93.6	2.0	0.7	0.5
78	3/28/2014 5:16:03	12.71	46.91	30.45	8.20	7.97	7.2	1.867	93.5	2.3	0.8	0.5
79	3/28/2014 5:31:03	12.72	46.94	30.47	8.25	7.97	6.5	1.923	94.1	2.3	0.8	0.5
80	3/28/2014 5:46:03	12.66	46.90	30.44	8.22	7.96	9.3	2.005	93.6	2.2	0.8	0.5
81	3/28/2014 6:01:03	12.64	46.48	30.13	8.16	7.96	11.3	2.089	92.8	2.1	0.7	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
82	3/28/2014 6:16:04	12.58	46.84	30.40	8.16	7.95	10.1	2.178	92.7	2.8	1.0	0.7
83	3/28/2014 6:31:04	12.52	47.17	30.63	8.13	7.95	8.2	2.271	92.5	2.4	0.8	0.6
84	3/28/2014 6:46:03	12.41	47.45	30.83	8.14	7.95	7.2	2.360	92.4	2.3	0.8	0.5
85	3/28/2014 7:01:04	12.22	47.93	31.17	8.24	7.95	8.5	2.445	93.4	2.4	0.8	0.6
86	3/28/2014 7:16:03	12.20	48.01	31.22	8.27	7.95	7.6	2.527	93.8	2.5	0.9	0.6
87	3/28/2014 7:31:03	12.16	48.13	31.31	8.32	7.96	7.0	2.617	94.3	1.8	0.6	0.4
88	3/28/2014 7:46:03	12.13	48.19	31.35	8.35	7.96	7.0	2.699	94.6	1.7	0.6	0.4
89	3/28/2014 8:01:03	12.05	48.38	31.48	8.37	7.96	8.3	2.783	94.7	2.8	1.0	0.7
90	3/28/2014 8:16:03	11.94	48.55	31.60	8.44	7.97	8.3	2.877	95.3	2.3	0.8	0.5
91	3/28/2014 8:31:03	11.84	48.76	31.75	8.49	7.97	9.0	2.959	95.9	2.4	0.8	0.6
92	3/28/2014 8:46:03	11.67	49.02	31.93	8.62	7.99	11.7	3.052	97.1	3.3	1.2	0.8
93	3/28/2014 9:01:03	11.51	49.31	32.13	8.77	8.00	10.3	3.142	98.5	2.2	0.8	0.5
94	3/28/2014 9:16:03	11.44	49.47	32.24	8.84	8.01	8.3	3.240	99.2	3.0	1.1	0.7
95	3/28/2014 9:31:03	11.30	49.76	32.45	8.96	8.03	9.0	3.331	100.5	3.5	1.2	0.8
96	3/28/2014 9:46:04	11.16	50.03	32.63	9.06	8.04	9.0	3.413	101.4	3.4	1.2	0.8
97	3/28/2014 10:01:03	11.05	50.22	32.76	9.13	8.06	7.9	3.496	102.0	3.9	1.4	0.9
98	3/28/2014 10:16:03	11.04	50.26	32.80	9.14	8.06	6.1	3.556	102.2	3.9	1.4	0.9
99	3/28/2014 10:31:03	11.00	50.34	32.85	9.21	8.07	7.5	3.619	102.8	3.1	1.1	0.7
100	3/28/2014 10:46:03	10.98	50.40	32.90	9.21	8.07	5.2	3.664	102.8	4.1	1.4	1.0
101	3/28/2014 11:01:04	10.96	50.44	32.92	9.12	8.07	4.0	3.678	101.9	2.9	1.0	0.7
102	3/28/2014 11:16:03	11.02	50.36	32.87	9.08	8.06	4.0	3.680	101.4	2.9	1.0	0.7
103	3/28/2014 11:31:04	11.02	50.35	32.86	9.04	8.06	5.1	3.665	101.0	3.1	1.1	0.7
104	3/28/2014 11:46:04	10.98	50.38	32.87	9.02	8.06	6.1	3.607	100.7	2.9	1.0	0.7
105	3/28/2014 12:01:03	11.06	50.29	32.82	9.02	8.06	5.9	3.531	100.8	2.6	0.9	0.6
106	3/28/2014 12:16:03	11.92	49.12	32.01	8.89	8.02	9.5	3.442	100.7	2.8	1.0	0.7
107	3/28/2014 12:31:03	11.83	49.22	32.09	8.97	8.03	5.6	3.350	101.5	2.7	0.9	0.6
108	3/28/2014 12:46:03	11.99	48.88	31.84	8.82	8.01	10.4	3.233	99.9	3.1	1.1	0.7
109	3/28/2014 13:01:03	11.73	49.23	32.08	8.98	8.03	8.3	3.107	101.3	3.4	1.2	0.8
110	3/28/2014 13:16:04	11.77	49.19	32.06	8.91	8.02	6.5	2.992	100.7	2.8	1.0	0.7
111	3/28/2014 13:31:03	11.93	48.92	31.87	8.84	8.02	5.7	2.870	100.0	2.9	1.0	0.7
112	3/28/2014 13:46:04	12.11	48.70	31.72	8.82	8.01	5.8	2.757	100.2	3.0	1.1	0.7
113	3/28/2014 14:01:04	12.08	48.77	31.76	8.86	8.02	6.4	2.633	100.6	3.0	1.1	0.7
114	3/28/2014 14:16:04	12.05	48.81	31.79	9.01	8.03	6.3	2.513	102.2	2.9	1.0	0.7
115	3/28/2014 14:31:03	12.18	48.59	31.64	9.00	8.03	5.9	2.390	102.2	2.5	0.9	0.6
116	3/28/2014 14:46:03	12.39	48.14	31.32	8.96	8.02	6.4	2.248	102.1	2.4	0.8	0.6
117	3/28/2014 15:01:03	12.50	47.89	31.15	8.87	8.01	7.0	2.138	101.2	3.0	1.1	0.7
118	3/28/2014 15:16:03	12.58	47.63	30.96	8.93	8.02	6.4	2.020	101.9	2.1	0.7	0.5
119	3/28/2014 15:31:03	12.68	47.40	30.80	8.88	8.02	6.1	1.894	101.5	2.3	0.8	0.5
120	3/28/2014 15:46:03	12.74	47.30	30.73	9.07	8.04	5.8	1.773	103.7	2.4	0.8	0.6
121	3/28/2014 16:01:03	12.86	47.03	30.54	8.76	8.02	6.3	1.655	100.3	2.5	0.9	0.6
122	3/28/2014 16:16:03	12.94	46.87	30.43	8.66	8.01	5.9	1.564	99.2	2.0	0.7	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
123	3/28/2014 16:31:03	13.04	46.69	30.30	8.60	8.01	5.0	1.507	98.7	2.1	0.7	0.5
124	3/28/2014 16:46:03	13.12	46.60	30.24	8.54	8.00	4.5	1.454	98.1	2.2	0.8	0.5
125	3/28/2014 17:01:03	13.15	46.55	30.21	8.38	8.00	3.2	1.428	96.3	2.3	0.8	0.6
126	3/28/2014 17:16:04	13.02	46.51	30.17	8.74	8.02	5.8	1.460	100.1	2.5	0.9	0.6
127	3/28/2014 17:31:03	13.06	46.66	30.28	8.62	8.01	5.1	1.489	98.9	2.5	0.9	0.6
128	3/28/2014 17:46:03	13.05	46.74	30.34	8.64	8.00	5.5	1.540	99.1	2.1	0.7	0.5
129	3/28/2014 18:01:03	13.01	46.82	30.39	8.65	8.00	5.9	1.636	99.2	2.4	0.8	0.6
130	3/28/2014 18:16:03	12.99	46.58	30.22	8.68	8.00	7.2	1.732	99.4	2.6	0.9	0.6
131	3/28/2014 18:31:03	12.97	46.40	30.09	8.67	7.99	7.8	1.831	99.2	3.2	1.1	0.8
132	3/28/2014 18:46:03	12.91	46.62	30.25	8.61	7.99	7.4	1.929	98.5	2.8	1.0	0.7
133	3/28/2014 19:01:03	12.91	46.44	30.12	8.66	7.99	8.3	2.035	99.0	2.6	0.9	0.6
134	3/28/2014 19:16:03	12.82	46.91	30.45	8.62	7.99	7.1	2.141	98.6	2.4	0.8	0.6
135	3/28/2014 19:31:03	12.70	47.23	30.68	8.60	7.98	7.6	2.240	98.2	2.5	0.9	0.6
136	3/28/2014 19:46:03	12.67	47.33	30.75	8.57	7.98	8.1	2.323	97.9	2.8	1.0	0.7
137	3/28/2014 20:01:03	12.63	47.49	30.86	8.51	7.98	7.9	2.438	97.1	3.2	1.1	0.8
138	3/28/2014 20:16:03	12.56	47.64	30.97	8.53	7.98	8.6	2.543	97.2	3.5	1.2	0.8
139	3/28/2014 20:31:03	12.47	47.78	31.07	8.54	7.98	9.4	2.628	97.3	2.5	0.9	0.6
140	3/28/2014 20:46:03	12.38	47.99	31.22	8.59	7.99	8.8	2.742	97.8	2.6	0.9	0.6
141	3/28/2014 21:01:04	12.28	48.19	31.35	8.60	7.99	11.1	2.836	97.8	2.8	1.0	0.7
142	3/28/2014 21:16:03	12.13	48.39	31.49	8.67	8.00	13.1	2.943	98.3	3.8	1.3	0.9
143	3/28/2014 21:31:04	11.99	48.65	31.68	8.74	8.01	13.7	3.053	98.9	3.3	1.2	0.8
144	3/28/2014 21:46:04	11.81	48.92	31.86	8.81	8.02	12.1	3.164	99.5	3.6	1.3	0.8
145	3/28/2014 22:01:04	11.52	49.42	32.21	8.97	8.05	14.4	3.267	100.9	4.1	1.4	1.0
146	3/28/2014 22:16:03	11.38	49.65	32.37	9.06	8.06	16.6	3.382	101.6	4.0	1.4	0.9
147	3/28/2014 22:31:04	11.32	49.78	32.46	9.10	8.06	17.5	3.480	102.1	4.7	1.6	1.1
148	3/28/2014 22:46:04	11.22	49.91	32.55	9.13	8.07	14.3	3.568	102.2	4.3	1.5	1.0
149	3/28/2014 23:01:04	11.08	50.06	32.65	9.18	8.09	10.1	3.648	102.5	4.2	1.5	1.0
150	3/28/2014 23:16:04	10.95	50.19	32.74	9.20	8.10	6.8	3.710	102.6	4.1	1.4	1.0
151	3/28/2014 23:31:04	10.92	50.22	32.76	9.15	8.10	5.4	3.736	102.0	4.5	1.6	1.1
152	3/28/2014 23:46:04	11.08	49.94	32.56	8.99	8.09	3.1	3.764	100.3	3.1	1.1	0.7
153	3/29/2014 0:01:04	11.12	49.99	32.60	8.91	8.08	5.1	3.759	99.7	2.7	0.9	0.6
154	3/29/2014 0:16:03	11.01	50.10	32.68	9.01	8.09	5.9	3.728	100.5	3.0	1.1	0.7
155	3/29/2014 0:31:04	10.95	50.13	32.70	9.05	8.09	5.8	3.670	100.9	3.4	1.2	0.8
156	3/29/2014 0:46:04	11.19	49.87	32.52	8.93	8.07	10.4	3.579	99.9	3.1	1.1	0.7
157	3/29/2014 1:01:04	11.60	49.12	32.00	8.74	8.04	7.0	3.492	98.3	2.9	1.0	0.7
158	3/29/2014 1:16:04	11.75	48.86	31.81	8.62	8.02	11.7	3.379	97.2	3.3	1.2	0.8
159	3/29/2014 1:31:04	11.73	48.83	31.79	8.69	8.03	16.0	3.259	97.8	3.5	1.2	0.8
160	3/29/2014 1:46:04	11.77	48.76	31.74	8.63	8.02	9.1	3.140	97.3	2.3	0.8	0.6
161	3/29/2014 2:01:04	11.83	48.71	31.71	8.59	8.02	12.0	3.029	97.0	3.4	1.2	0.8
162	3/29/2014 2:16:03	11.87	48.59	31.62	8.54	8.01	9.0	2.896	96.5	3.4	1.2	0.8
163	3/29/2014 2:31:03	11.97	48.41	31.50	8.49	8.00	7.7	2.792	96.0	2.3	0.8	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
164	3/29/2014 2:46:03	12.03	48.24	31.38	8.46	8.00	7.5	2.669	95.7	2.5	0.9	0.6
165	3/29/2014 3:01:03	12.33	47.48	30.85	8.39	7.98	8.9	2.553	95.2	2.3	0.8	0.5
166	3/29/2014 3:16:03	12.11	47.96	31.18	8.42	7.99	7.2	2.445	95.2	2.5	0.9	0.6
167	3/29/2014 3:31:04	12.35	47.43	30.81	8.31	7.98	9.5	2.315	94.2	2.3	0.8	0.5
168	3/29/2014 3:46:04	12.21	47.69	30.99	8.22	7.97	8.0	2.206	93.1	2.6	0.9	0.6
169	3/29/2014 4:01:04	12.41	47.19	30.64	8.13	7.96	8.5	2.096	92.3	2.2	0.8	0.5
170	3/29/2014 4:16:04	12.50	46.99	30.50	8.08	7.96	8.1	1.986	91.8	2.3	0.8	0.5
171	3/29/2014 4:31:04	12.56	46.78	30.35	8.04	7.95	7.9	1.877	91.4	2.1	0.7	0.5
172	3/29/2014 4:46:03	12.65	46.50	30.15	7.99	7.95	7.4	1.781	90.8	2.3	0.8	0.6
173	3/29/2014 5:01:03	12.75	46.26	29.98	8.03	7.96	6.7	1.719	91.3	2.3	0.8	0.6
174	3/29/2014 5:16:04	12.78	46.18	29.93	7.99	7.95	7.1	1.663	90.9	2.2	0.8	0.5
175	3/29/2014 5:31:03	12.81	46.12	29.88	7.90	7.95	5.5	1.634	90.0	2.0	0.7	0.5
176	3/29/2014 5:46:03	12.77	46.16	29.91	8.00	7.95	6.5	1.651	91.1	1.6	0.6	0.4
177	3/29/2014 6:01:04	12.75	46.20	29.94	8.01	7.95	6.6	1.664	91.1	2.4	0.8	0.6
178	3/29/2014 6:16:03	12.74	46.28	30.00	8.01	7.95	6.5	1.733	91.2	2.3	0.8	0.5
179	3/29/2014 6:31:03	12.71	46.32	30.02	8.06	7.95	6.9	1.803	91.7	1.9	0.7	0.5
180	3/29/2014 6:46:03	12.68	45.96	29.76	8.03	7.94	9.2	1.889	91.1	2.3	0.8	0.6
181	3/29/2014 7:01:03	12.67	45.95	29.76	8.03	7.94	8.3	1.994	91.1	2.0	0.7	0.5
182	3/29/2014 7:16:03	12.65	46.04	29.82	8.01	7.94	8.7	2.093	90.9	2.6	0.9	0.6
183	3/29/2014 7:31:03	12.63	46.36	30.05	8.03	7.94	8.9	2.206	91.2	2.7	0.9	0.6
184	3/29/2014 7:46:03	12.52	46.60	30.22	8.09	7.95	7.9	2.295	91.8	2.6	0.9	0.6
185	3/29/2014 8:01:04	12.38	47.22	30.66	8.16	7.96	9.1	2.391	92.6	2.2	0.8	0.5
186	3/29/2014 8:16:04	12.33	47.47	30.84	8.21	7.96	8.3	2.494	93.1	1.9	0.7	0.5
187	3/29/2014 8:31:04	12.32	47.55	30.89	8.21	7.96	6.8	2.578	93.1	2.1	0.7	0.5
188	3/29/2014 8:46:04	12.29	47.61	30.94	8.22	7.97	7.7	2.681	93.2	2.5	0.9	0.6
189	3/29/2014 9:01:04	12.19	47.80	31.07	8.26	7.97	8.7	2.773	93.5	2.3	0.8	0.5
190	3/29/2014 9:16:03	12.11	47.96	31.18	8.31	7.98	8.9	2.870	94.0	1.6	0.6	0.4
191	3/29/2014 9:31:03	12.02	48.12	31.29	8.37	7.98	10.4	2.955	94.6	2.2	0.8	0.5
192	3/29/2014 9:46:04	11.82	48.36	31.46	8.49	8.00	12.8	3.056	95.6	3.1	1.1	0.7
193	3/29/2014 10:01:04	11.71	48.56	31.60	8.54	8.01	12.2	3.166	96.0	2.6	0.9	0.6
194	3/29/2014 10:16:04	11.60	48.78	31.75	8.60	8.02	11.6	3.265	96.6	2.9	1.0	0.7
195	3/29/2014 10:31:04	11.45	49.02	31.92	8.70	8.04	10.9	3.355	97.5	2.9	1.0	0.7
196	3/29/2014 10:46:04	11.23	49.30	32.11	8.82	8.06	13.7	3.452	98.5	3.0	1.1	0.7
197	3/29/2014 11:01:04	11.16	49.40	32.18	8.87	8.06	13.3	3.529	98.9	2.7	0.9	0.6
198	3/29/2014 11:16:03	11.03	49.59	32.30	8.97	8.08	10.6	3.590	99.9	3.2	1.1	0.8
199	3/29/2014 11:31:04	10.97	49.75	32.42	9.08	8.09	9.3	3.651	101.1	2.8	1.0	0.7
200	3/29/2014 11:46:04	10.94	49.87	32.50	9.13	8.10	6.0	3.702	101.6	2.7	0.9	0.6
201	3/29/2014 12:01:04	11.02	49.79	32.45	9.02	8.10	4.5	3.716	100.5	2.0	0.7	0.5
202	3/29/2014 12:16:04	10.99	49.83	32.48	8.96	8.09	5.3	3.703	99.8	2.8	1.0	0.7
203	3/29/2014 12:31:04	10.95	49.95	32.56	8.98	8.09	5.9	3.671	100.0	2.4	0.8	0.6
204	3/29/2014 12:46:03	10.98	49.88	32.51	8.99	8.09	7.6	3.607	100.1	1.9	0.7	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
205	3/29/2014 13:01:04	11.27	49.49	32.25	8.92	8.07	6.8	3.531	99.8	2.2	0.8	0.5
206	3/29/2014 13:16:04	11.97	48.94	31.88	9.03	8.07	8.6	3.421	102.3	2.5	0.9	0.6
207	3/29/2014 13:31:03	12.20	48.52	31.59	8.87	8.04	5.1	3.325	100.8	2.4	0.8	0.6
208	3/29/2014 13:46:04	12.06	48.51	31.58	8.78	8.03	11.4	3.193	99.5	2.2	0.8	0.5
209	3/29/2014 14:01:03	12.28	48.40	31.50	8.79	8.03	8.3	3.076	100.0	2.1	0.7	0.5
210	3/29/2014 14:16:03	12.46	48.27	31.42	8.81	8.03	8.1	2.972	100.6	1.9	0.7	0.4
211	3/29/2014 14:31:03	12.59	48.12	31.32	8.83	8.02	8.6	2.844	101.0	2.4	0.8	0.6
212	3/29/2014 14:46:03	12.73	47.82	31.10	8.91	8.02	6.6	2.741	102.1	2.3	0.8	0.6
213	3/29/2014 15:01:03	12.89	47.84	31.13	9.02	8.03	7.9	2.597	103.6	2.1	0.7	0.5
214	3/29/2014 15:16:03	12.97	47.42	30.83	8.77	8.01	9.0	2.492	100.9	2.0	0.7	0.5
215	3/29/2014 15:31:03	13.11	47.60	30.96	9.24	8.05	6.8	2.383	106.6	2.2	0.8	0.5
216	3/29/2014 15:46:03	13.15	47.18	30.66	8.94	8.02	7.8	2.253	103.0	2.1	0.7	0.5
217	3/29/2014 16:01:03	13.38	47.21	30.69	9.10	8.04	7.6	2.120	105.4	2.7	0.9	0.6
218	3/29/2014 16:16:03	13.54	47.04	30.57	9.09	8.04	8.3	1.976	105.6	2.2	0.8	0.5
219	3/29/2014 16:31:03	13.64	46.86	30.44	9.13	8.04	7.8	1.876	106.2	2.0	0.7	0.5
220	3/29/2014 16:46:03	13.76	46.78	30.39	9.08	8.04	8.4	1.757	105.8	2.1	0.7	0.5
221	3/29/2014 17:01:03	13.88	46.63	30.28	9.12	8.06	10.6	1.654	106.5	2.6	0.9	0.6
222	3/29/2014 17:16:03	13.83	46.31	30.05	9.04	8.04	12.2	1.588	105.3	2.3	0.8	0.6
223	3/29/2014 17:31:03	13.93	46.27	30.03	9.02	8.04	10.1	1.519	105.2	2.7	0.9	0.6
224	3/29/2014 17:46:03	13.93	46.16	29.95	8.90	8.03	8.1	1.490	103.7	2.2	0.8	0.5
225	3/29/2014 18:01:03	13.91	46.19	29.97	9.00	8.03	9.1	1.486	104.9	2.5	0.9	0.6
226	3/29/2014 18:16:03	13.82	46.25	30.01	9.03	8.03	7.6	1.526	105.1	2.2	0.8	0.5
227	3/29/2014 18:31:03	13.78	46.22	29.99	9.01	8.02	7.3	1.594	104.7	2.2	0.8	0.5
228	3/29/2014 18:46:03	13.77	45.39	29.39	9.03	8.02	10.6	1.652	104.6	2.7	0.9	0.6
229	3/29/2014 19:01:03	13.77	44.67	28.87	9.05	8.01	9.8	1.762	104.5	2.8	1.0	0.7
230	3/29/2014 19:16:03	13.74	44.51	28.76	9.06	8.01	9.7	1.881	104.5	2.8	1.0	0.7
231	3/29/2014 19:31:03	13.63	45.32	29.34	8.91	8.00	9.2	1.977	102.8	2.1	0.7	0.5
232	3/29/2014 19:46:03	13.56	45.81	29.69	8.89	8.00	10.1	2.091	102.7	2.6	0.9	0.6
233	3/29/2014 20:01:03	13.44	45.99	29.81	8.85	8.00	8.9	2.204	102.0	2.6	0.9	0.6
234	3/29/2014 20:16:03	13.15	46.78	30.37	8.65	7.99	10.8	2.312	99.6	2.8	1.0	0.7
235	3/29/2014 20:31:03	13.03	47.02	30.54	8.59	7.98	9.4	2.418	98.6	3.2	1.1	0.8
236	3/29/2014 20:46:03	13.00	47.14	30.63	8.63	7.98	9.0	2.519	99.1	2.7	0.9	0.6
237	3/29/2014 21:01:03	12.92	47.18	30.65	8.64	7.99	9.5	2.639	99.1	2.4	0.8	0.6
238	3/29/2014 21:16:03	12.83	47.31	30.74	8.64	7.99	12.8	2.732	98.9	2.3	0.8	0.5
239	3/29/2014 21:31:03	12.70	47.34	30.76	8.66	7.99	14.4	2.841	99.0	2.6	0.9	0.6
240	3/29/2014 21:46:03	12.55	47.66	30.98	8.74	8.01	20.0	2.949	99.7	3.1	1.1	0.7
241	3/29/2014 22:01:04	12.38	48.08	31.28	8.79	8.02	15.4	3.061	100.1	3.1	1.1	0.7
242	3/29/2014 22:16:04	12.08	48.51	31.58	8.93	8.04	17.2	3.176	101.2	3.6	1.3	0.9
243	3/29/2014 22:31:04	11.82	48.68	31.69	9.12	8.07	18.2	3.283	102.9	2.7	0.9	0.6
244	3/29/2014 22:46:03	11.65	48.59	31.62	9.28	8.08	19.4	3.411	104.2	3.6	1.3	0.9
245	3/29/2014 23:01:03	11.51	48.47	31.52	9.41	8.10	22.0	3.518	105.3	3.6	1.3	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
246	3/29/2014 23:16:03	11.37	48.19	31.32	9.52	8.11	23.0	3.606	106.1	3.5	1.2	0.8
247	3/29/2014 23:31:04	11.25	48.20	31.31	9.58	8.12	21.7	3.696	106.5	3.8	1.3	0.9
248	3/29/2014 23:46:04	11.15	48.10	31.24	9.57	8.13	25.2	3.767	106.1	3.9	1.4	0.9
249	3/30/2014 0:01:04	11.17	48.07	31.22	9.47	8.12	18.5	3.830	105.1	3.1	1.1	0.7
250	3/30/2014 0:16:04	11.04	48.00	31.16	9.46	8.13	19.7	3.852	104.6	4.1	1.4	1.0
251	3/30/2014 0:31:04	11.37	48.00	31.18	9.23	8.10	16.1	3.875	102.8	3.5	1.2	0.8
252	3/30/2014 0:46:03	11.93	48.49	31.56	8.64	8.04	6.2	3.868	97.6	1.8	0.6	0.4
253	3/30/2014 1:01:03	11.73	48.42	31.50	9.05	8.07	11.7	3.821	101.8	3.2	1.1	0.7
254	3/30/2014 1:16:04	11.90	48.40	31.49	8.90	8.05	8.5	3.748	100.4	2.5	0.9	0.6
255	3/30/2014 1:31:04	11.77	48.41	31.49	9.00	8.06	9.8	3.650	101.2	2.6	0.9	0.6
256	3/30/2014 1:46:03	11.91	48.37	31.47	8.84	8.05	8.6	3.539	99.8	1.9	0.7	0.5
257	3/30/2014 2:01:04	11.70	48.05	31.23	9.05	8.07	13.6	3.424	101.5	2.6	0.9	0.6
258	3/30/2014 2:16:04	11.45	48.17	31.30	9.28	8.10	18.1	3.293	103.6	3.1	1.1	0.7
259	3/30/2014 2:31:04	11.80	48.05	31.23	9.02	8.06	25.2	3.161	101.4	2.7	0.9	0.7
260	3/30/2014 2:46:03	11.89	47.98	31.19	8.85	8.05	14.2	3.064	99.6	2.8	1.0	0.7
261	3/30/2014 3:01:03	12.26	47.57	30.91	8.66	8.02	13.8	2.910	98.2	2.5	0.9	0.6
262	3/30/2014 3:16:03	12.08	47.55	30.89	8.89	8.04	10.6	2.797	100.3	3.0	1.1	0.7
263	3/30/2014 3:31:03	11.79	47.74	31.01	8.93	8.05	10.8	2.669	100.3	2.6	0.9	0.6
264	3/30/2014 3:46:03	12.18	47.33	30.73	8.73	8.03	12.1	2.535	98.6	2.5	0.9	0.6
265	3/30/2014 4:01:03	12.29	47.21	30.65	8.65	8.01	10.4	2.415	97.9	2.3	0.8	0.5
266	3/30/2014 4:16:03	12.52	46.90	30.43	8.48	7.99	10.0	2.279	96.4	2.5	0.9	0.6
267	3/30/2014 4:31:03	12.73	46.56	30.19	8.35	7.98	10.1	2.158	95.1	2.6	0.9	0.6
268	3/30/2014 4:46:03	12.73	46.49	30.15	8.30	7.97	11.8	1.997	94.5	2.2	0.8	0.5
269	3/30/2014 5:01:03	12.75	46.54	30.18	8.25	7.96	9.8	1.858	94.0	2.3	0.8	0.6
270	3/30/2014 5:16:03	12.96	46.19	29.94	8.21	7.96	10.3	1.776	93.9	2.3	0.8	0.5
271	3/30/2014 5:31:03	13.05	46.02	29.82	8.20	7.96	9.9	1.637	93.9	2.4	0.8	0.6
272	3/30/2014 5:46:03	13.13	45.83	29.68	8.18	7.95	9.3	1.576	93.7	2.1	0.7	0.5
273	3/30/2014 6:01:03	13.24	45.66	29.57	8.15	7.95	7.9	1.513	93.4	2.5	0.9	0.6
274	3/30/2014 6:16:03	13.23	45.63	29.55	8.02	7.95	7.0	1.492	91.9	1.8	0.6	0.4
275	3/30/2014 6:31:03	13.15	45.61	29.53	8.00	7.94	9.0	1.482	91.5	2.2	0.8	0.5
276	3/30/2014 6:46:03	13.16	45.87	29.72	8.16	7.95	7.3	1.488	93.5	2.6	0.9	0.6
277	3/30/2014 7:01:03	13.15	45.92	29.75	8.19	7.95	7.0	1.543	93.9	2.1	0.7	0.5
278	3/30/2014 7:16:03	13.18	45.92	29.75	8.20	7.95	6.6	1.589	94.0	1.8	0.6	0.4
279	3/30/2014 7:31:03	13.10	45.44	29.41	8.23	7.95	8.9	1.706	94.0	2.2	0.8	0.5
280	3/30/2014 7:46:04	13.01	43.86	28.27	8.22	7.93	9.9	1.785	93.1	2.2	0.8	0.5
281	3/30/2014 8:01:03	13.05	45.09	29.15	8.17	7.94	8.7	1.906	93.0	2.5	0.9	0.6
282	3/30/2014 8:16:03	13.03	45.20	29.23	8.18	7.94	8.4	2.004	93.2	1.6	0.6	0.4
283	3/30/2014 8:31:03	12.92	45.95	29.77	8.21	7.95	10.8	2.126	93.6	2.0	0.7	0.5
284	3/30/2014 8:46:03	12.78	46.19	29.93	8.25	7.96	8.3	2.231	93.9	2.2	0.8	0.5
285	3/30/2014 9:01:04	12.77	46.50	30.15	8.28	7.96	9.0	2.348	94.4	1.6	0.6	0.4
286	3/30/2014 9:16:03	12.75	46.84	30.40	8.33	7.97	8.7	2.456	95.1	2.1	0.7	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
287	3/30/2014 9:31:03	12.69	46.81	30.37	8.40	7.97	10.3	2.558	95.7	2.4	0.8	0.6
288	3/30/2014 9:46:03	12.60	47.05	30.54	8.44	7.98	11.4	2.659	96.1	2.5	0.9	0.6
289	3/30/2014 10:01:03	12.52	47.06	30.55	8.49	7.99	11.2	2.753	96.5	1.8	0.6	0.4
290	3/30/2014 10:16:03	12.41	47.11	30.58	8.54	7.99	14.4	2.846	96.9	1.9	0.7	0.4
291	3/30/2014 10:31:03	12.24	47.33	30.73	8.67	8.01	20.3	2.964	98.0	2.9	1.0	0.7
292	3/30/2014 10:46:03	12.13	47.51	30.86	8.73	8.02	20.8	3.072	98.6	3.1	1.1	0.7
293	3/30/2014 11:01:04	11.91	47.68	30.97	8.86	8.04	23.1	3.161	99.7	3.1	1.1	0.7
294	3/30/2014 11:16:03	11.72	47.88	31.11	9.00	8.05	32.0	3.255	100.9	4.1	1.4	1.0
295	3/30/2014 11:31:04	11.57	48.10	31.26	9.13	8.07	35.9	3.367	102.2	4.2	1.5	1.0
296	3/30/2014 11:46:04	11.40	48.34	31.42	9.23	8.08	31.4	3.459	103.1	3.4	1.2	0.8
297	3/30/2014 12:01:04	11.31	48.38	31.45	9.28	8.09	26.9	3.547	103.4	4.2	1.5	1.0
298	3/30/2014 12:16:04	11.21	48.37	31.43	9.36	8.10	27.6	3.607	104.1	3.0	1.1	0.7
299	3/30/2014 12:31:04	11.12	48.46	31.49	9.38	8.10	21.7	3.651	104.1	2.8	1.0	0.7
300	3/30/2014 12:46:04	11.12	48.48	31.51	9.31	8.11	13.3	3.680	103.4	2.3	0.8	0.5
301	3/30/2014 13:01:04	11.41	48.29	31.39	9.13	8.08	14.0	3.709	101.9	2.1	0.7	0.5
302	3/30/2014 13:16:04	11.24	48.39	31.45	9.21	8.09	15.5	3.687	102.4	1.8	0.6	0.4
303	3/30/2014 13:31:04	11.23	48.43	31.48	9.21	8.10	15.7	3.632	102.4	2.4	0.8	0.6
304	3/30/2014 13:46:04	11.60	48.27	31.38	9.14	8.09	18.9	3.557	102.4	2.9	1.0	0.7
305	3/30/2014 14:01:04	11.87	48.08	31.26	9.20	8.08	15.1	3.468	103.7	2.1	0.7	0.5
306	3/30/2014 14:16:03	11.99	48.03	31.23	9.13	8.08	10.0	3.356	103.0	1.4	0.5	0.3
307	3/30/2014 14:31:03	12.32	47.66	30.98	9.01	8.05	11.5	3.241	102.3	2.5	0.9	0.6
308	3/30/2014 14:46:03	12.24	47.60	30.93	9.02	8.05	12.0	3.118	102.2	2.2	0.8	0.5
309	3/30/2014 15:01:03	12.40	47.47	30.84	8.95	8.04	12.7	2.995	101.6	2.4	0.8	0.6
310	3/30/2014 15:16:04	12.64	47.35	30.77	8.89	8.03	9.4	2.882	101.4	2.3	0.8	0.5
311	3/30/2014 15:31:03	12.88	47.02	30.54	8.88	8.02	8.2	2.759	101.7	2.1	0.7	0.5
312	3/30/2014 15:46:03	13.04	46.74	30.34	8.82	8.01	11.3	2.631	101.2	1.9	0.7	0.5
313	3/30/2014 16:01:03	13.06	46.97	30.50	9.15	8.05	7.3	2.520	105.1	1.8	0.6	0.4
314	3/30/2014 16:16:03	13.22	46.61	30.25	8.87	8.02	8.6	2.399	102.1	2.1	0.7	0.5
315	3/30/2014 16:31:03	13.43	46.33	30.06	9.08	8.04	7.6	2.288	104.8	2.3	0.8	0.5
316	3/30/2014 16:46:03	13.52	46.07	29.87	9.14	8.04	8.7	2.148	105.6	2.4	0.8	0.6
317	3/30/2014 17:01:03	13.62	46.16	29.94	9.18	8.05	8.6	2.042	106.3	2.4	0.8	0.6
318	3/30/2014 17:16:03	13.75	45.75	29.64	9.16	8.04	8.3	1.929	106.2	2.7	0.9	0.6
319	3/30/2014 17:31:03	13.82	45.81	29.69	9.13	8.04	9.8	1.829	106.0	2.7	0.9	0.6
320	3/30/2014 17:46:03	13.90	45.66	29.58	9.11	8.05	10.8	1.734	105.9	2.7	0.9	0.6
321	3/30/2014 18:01:03	13.94	45.56	29.51	9.06	8.04	10.3	1.659	105.4	2.8	1.0	0.7
322	3/30/2014 18:16:03	13.95	45.34	29.36	8.97	8.03	8.4	1.617	104.2	2.3	0.8	0.5
323	3/30/2014 18:31:03	13.93	45.29	29.32	8.67	8.01	7.8	1.605	100.7	2.7	0.9	0.6
324	3/30/2014 18:46:03	13.90	45.39	29.39	9.06	8.03	9.7	1.595	105.2	2.8	1.0	0.7
325	3/30/2014 19:01:03	13.82	45.52	29.49	9.03	8.02	12.4	1.637	104.8	2.7	0.9	0.6
326	3/30/2014 19:16:03	13.75	45.52	29.48	9.01	8.02	9.9	1.697	104.4	2.7	0.9	0.6
327	3/30/2014 19:31:03	13.73	44.30	28.61	9.09	8.02	23.0	1.777	104.7	3.8	1.3	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
328	3/30/2014 19:46:03	13.72	44.95	29.07	9.00	8.01	10.6	1.879	103.9	3.0	1.1	0.7
329	3/30/2014 20:01:03	13.66	44.50	28.75	9.03	8.01	11.5	1.988	103.9	3.1	1.1	0.7
330	3/30/2014 20:16:03	13.65	45.21	29.26	8.95	8.00	11.5	2.095	103.3	3.1	1.1	0.7
331	3/30/2014 20:31:03	13.53	45.51	29.47	8.91	8.00	11.4	2.200	102.7	2.8	1.0	0.7
332	3/30/2014 20:46:03	13.25	46.12	29.90	8.79	8.00	11.6	2.307	101.1	2.6	0.9	0.6
333	3/30/2014 21:01:03	13.07	46.46	30.14	8.74	8.00	11.4	2.410	100.2	2.9	1.0	0.7
334	3/30/2014 21:16:03	13.03	46.63	30.26	8.68	7.99	10.7	2.503	99.5	2.2	0.8	0.5
335	3/30/2014 21:31:03	12.92	46.74	30.33	8.73	8.00	10.4	2.612	99.9	3.0	1.1	0.7
336	3/30/2014 21:46:03	12.87	46.77	30.35	8.72	8.00	11.9	2.717	99.7	2.2	0.8	0.5
337	3/30/2014 22:01:03	12.75	46.82	30.39	8.75	8.01	13.9	2.816	99.8	2.4	0.8	0.6
338	3/30/2014 22:16:03	12.59	46.98	30.50	8.82	8.02	19.2	2.927	100.4	2.8	1.0	0.7
339	3/30/2014 22:31:03	12.36	47.24	30.68	8.93	8.03	19.7	3.030	101.2	3.4	1.2	0.8
340	3/30/2014 22:46:03	12.13	47.47	30.83	9.02	8.05	22.4	3.146	101.8	2.5	0.9	0.6
341	3/30/2014 23:01:03	11.89	47.71	30.99	9.10	8.06	25.3	3.270	102.3	3.2	1.1	0.7
342	3/30/2014 23:16:03	11.65	47.88	31.11	9.19	8.07	31.6	3.372	102.9	3.6	1.3	0.9
343	3/30/2014 23:31:04	11.47	48.10	31.25	9.26	8.09	26.4	3.496	103.4	3.5	1.2	0.8
344	3/30/2014 23:46:04	11.41	48.18	31.31	9.26	8.09	26.0	3.599	103.4	3.3	1.2	0.8
345	3/31/2014 0:01:04	11.23	48.26	31.36	9.27	8.10	23.6	3.687	103.1	2.6	0.9	0.6
346	3/31/2014 0:16:04	10.95	48.04	31.18	9.32	8.10	18.6	3.770	102.9	2.5	0.9	0.6
347	3/31/2014 0:31:04	10.94	47.78	31.00	9.17	8.09	15.4	3.844	101.1	2.4	0.8	0.6
348	3/31/2014 0:46:04	10.97	47.54	30.82	9.10	8.08	13.0	3.894	100.2	2.4	0.8	0.6
349	3/31/2014 1:01:04	11.11	47.31	30.67	8.99	8.07	9.4	3.924	99.2	2.2	0.8	0.5
350	3/31/2014 1:16:04	11.42	47.43	30.76	8.82	8.06	9.1	3.911	98.0	1.8	0.6	0.4
351	3/31/2014 1:31:03	11.54	47.75	31.00	8.87	8.06	9.3	3.883	99.0	1.6	0.6	0.4
352	3/31/2014 1:46:03	11.33	47.89	31.09	9.05	8.07	9.8	3.829	100.6	2.0	0.7	0.5
353	3/31/2014 2:01:04	10.98	47.61	30.88	9.19	8.09	14.1	3.737	101.3	2.1	0.7	0.5
354	3/31/2014 2:16:04	11.11	47.69	30.94	9.17	8.09	14.7	3.613	101.4	3.8	1.3	0.9
355	3/31/2014 2:31:04	11.17	47.76	30.99	9.10	8.08	14.7	3.492	100.8	2.3	0.8	0.6
356	3/31/2014 2:46:04	11.62	47.61	30.91	8.85	8.05	17.7	3.379	99.0	2.7	0.9	0.6
357	3/31/2014 3:01:04	11.81	47.48	30.82	8.80	8.04	12.5	3.246	98.7	2.3	0.8	0.5
358	3/31/2014 3:16:04	11.95	47.33	30.72	8.70	8.03	12.6	3.117	97.8	2.6	0.9	0.6
359	3/31/2014 3:31:04	12.07	47.19	30.63	8.60	8.02	12.6	2.982	96.9	2.1	0.7	0.5
360	3/31/2014 3:46:04	12.18	46.94	30.45	8.53	8.01	12.1	2.842	96.2	2.0	0.7	0.5
361	3/31/2014 4:01:03	12.23	46.81	30.36	8.50	8.00	13.1	2.704	95.9	2.1	0.7	0.5
362	3/31/2014 4:16:03	11.78	47.29	30.68	8.69	8.03	12.4	2.570	97.3	2.0	0.7	0.5
363	3/31/2014 4:31:04	11.71	47.22	30.63	8.71	8.03	12.5	2.444	97.4	2.6	0.9	0.6
364	3/31/2014 4:46:03	12.02	46.74	30.30	8.57	8.01	14.2	2.290	96.2	2.8	1.0	0.7
365	3/31/2014 5:01:04	11.95	46.85	30.38	8.57	8.01	15.9	2.158	96.1	2.3	0.8	0.5
366	3/31/2014 5:16:03	12.13	46.46	30.10	8.47	8.00	17.2	2.003	95.3	2.3	0.8	0.5
367	3/31/2014 5:31:03	12.24	46.30	29.99	8.44	7.99	18.0	1.881	95.1	2.8	1.0	0.7
368	3/31/2014 5:46:04	12.28	46.19	29.91	8.43	7.98	24.1	1.745	94.9	2.9	1.0	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
369	3/31/2014 6:01:03	12.35	46.05	29.82	8.39	7.98	22.9	1.607	94.6	2.5	0.9	0.6
370	3/31/2014 6:16:04	12.50	45.76	29.62	8.36	7.97	22.4	1.509	94.4	3.2	1.1	0.8
371	3/31/2014 6:31:03	12.56	45.59	29.49	8.32	7.97	20.3	1.406	94.0	2.8	1.0	0.7
372	3/31/2014 6:46:04	12.60	45.45	29.39	8.28	7.96	18.4	1.332	93.6	2.8	1.0	0.7
373	3/31/2014 7:01:04	12.61	45.37	29.34	8.19	7.96	16.8	1.305	92.6	3.1	1.1	0.7
374	3/31/2014 7:16:04	12.58	45.38	29.34	8.19	7.96	17.0	1.304	92.5	4.9	1.7	1.2
375	3/31/2014 7:31:04	12.56	45.47	29.41	8.29	7.96	14.9	1.354	93.7	2.4	0.8	0.6
376	3/31/2014 7:46:04	12.56	45.58	29.49	8.29	7.96	12.1	1.396	93.7	2.1	0.7	0.5
377	3/31/2014 8:01:04	12.54	45.70	29.57	8.29	7.96	11.8	1.492	93.7	2.4	0.8	0.6
378	3/31/2014 8:16:03	12.46	44.86	28.97	8.31	7.96	11.5	1.589	93.4	2.5	0.9	0.6
379	3/31/2014 8:31:04	12.48	44.78	28.91	8.31	7.96	11.2	1.690	93.4	2.3	0.8	0.5
380	3/31/2014 8:46:03	12.51	45.08	29.13	8.26	7.96	11.1	1.794	93.1	2.2	0.8	0.5
381	3/31/2014 9:01:04	12.51	45.23	29.23	8.28	7.96	11.3	1.899	93.3	2.4	0.8	0.6
382	3/31/2014 9:16:04	12.46	45.38	29.34	8.27	7.96	12.6	2.011	93.1	2.4	0.8	0.6
383	3/31/2014 9:31:03	12.35	45.75	29.60	8.32	7.97	10.7	2.114	93.7	2.1	0.7	0.5
384	3/31/2014 9:46:04	12.30	46.27	29.97	8.43	7.99	10.5	2.212	95.0	2.1	0.7	0.5
385	3/31/2014 10:01:04	12.28	46.37	30.05	8.44	7.99	9.8	2.315	95.1	2.4	0.8	0.6
386	3/31/2014 10:16:03	12.27	46.49	30.13	8.43	7.99	12.0	2.429	95.1	1.9	0.7	0.4
387	3/31/2014 10:31:04	12.22	46.59	30.20	8.45	7.99	12.1	2.527	95.3	2.1	0.7	0.5
388	3/31/2014 10:46:03	12.14	46.69	30.27	8.49	8.00	11.9	2.629	95.6	2.4	0.8	0.6
389	3/31/2014 11:01:04	12.03	46.82	30.36	8.56	8.00	13.6	2.727	96.2	2.5	0.9	0.6
390	3/31/2014 11:16:04	11.83	46.93	30.43	8.60	8.01	17.0	2.810	96.3	2.4	0.8	0.6
391	3/31/2014 11:31:04	11.65	47.05	30.50	8.68	8.02	17.4	2.916	96.9	2.7	0.9	0.6
392	3/31/2014 11:46:04	11.44	47.27	30.65	8.76	8.04	18.6	3.021	97.4	2.7	0.9	0.6
393	3/31/2014 12:01:04	11.20	47.48	30.79	8.84	8.05	22.0	3.118	97.8	2.6	0.9	0.6
394	3/31/2014 12:16:04	11.05	47.61	30.88	8.89	8.06	23.7	3.226	98.1	3.3	1.2	0.8
395	3/31/2014 12:31:04	10.89	47.91	31.09	8.95	8.07	27.5	3.329	98.6	3.0	1.1	0.7
396	3/31/2014 12:46:03	10.77	48.28	31.35	9.00	8.08	25.2	3.416	99.0	12.2	4.3	2.9
397	3/31/2014 13:01:04	10.67	48.92	31.80	9.04	8.08	18.8	3.503	99.6	1.6	0.6	0.4
398	3/31/2014 13:16:03	10.65	49.03	31.88	9.02	8.08	16.3	3.563	99.3	2.5	0.9	0.6
399	3/31/2014 13:31:04	10.60	49.41	32.15	9.01	8.08	16.7	3.616	99.3	2.0	0.7	0.5
400	3/31/2014 13:46:04	10.59	49.49	32.21	8.92	8.08	11.1	3.638	98.3	1.1	0.4	0.3
401	3/31/2014 14:01:04	10.62	49.40	32.14	8.89	8.07	15.0	3.650	98.0	1.7	0.6	0.4
402	3/31/2014 14:16:04	10.60	49.52	32.23	8.92	8.07	13.3	3.609	98.4	1.8	0.6	0.4
403	3/31/2014 14:31:04	10.60	49.49	32.21	8.90	8.07	17.3	3.566	98.1	1.7	0.6	0.4
404	3/31/2014 14:46:04	11.26	47.41	30.75	8.80	8.05	12.9	3.475	97.5	1.8	0.6	0.4
405	3/31/2014 15:01:04	11.12	47.74	30.98	8.88	8.06	15.1	3.366	98.2	1.8	0.6	0.4
406	3/31/2014 15:16:04	11.33	47.52	30.83	8.80	8.05	9.8	3.271	97.8	1.7	0.6	0.4
407	3/31/2014 15:31:04	11.50	47.16	30.58	8.72	8.04	13.9	3.133	97.0	2.3	0.8	0.6
408	3/31/2014 15:46:04	11.58	47.15	30.58	8.75	8.04	10.0	2.999	97.5	2.2	0.8	0.5
409	3/31/2014 16:01:04	11.65	47.12	30.56	8.73	8.04	10.0	2.900	97.4	2.0	0.7	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
410	3/31/2014 16:16:04	11.83	46.89	30.40	8.73	8.03	9.5	2.781	97.7	2.1	0.7	0.5
411	3/31/2014 16:31:04	11.87	46.93	30.43	8.77	8.03	8.4	2.674	98.3	1.9	0.7	0.5
412	3/31/2014 16:46:03	12.08	46.52	30.14	8.73	8.02	8.2	2.560	98.1	2.0	0.7	0.5
413	3/31/2014 17:01:03	12.11	46.57	30.18	8.87	8.03	7.6	2.447	99.7	1.5	0.5	0.4
414	3/31/2014 17:16:04	12.15	46.38	30.05	8.93	8.03	7.3	2.353	100.4	2.0	0.7	0.5
415	3/31/2014 17:31:04	12.27	46.10	29.85	8.91	8.04	7.8	2.228	100.3	1.7	0.6	0.4
416	3/31/2014 17:46:04	12.36	46.06	29.82	9.05	8.05	7.3	2.120	102.0	1.8	0.6	0.4
417	3/31/2014 18:01:03	12.42	45.81	29.65	8.92	8.02	7.0	2.034	100.7	2.0	0.7	0.5
418	3/31/2014 18:16:04	12.48	45.70	29.57	8.89	8.02	6.4	1.951	100.3	2.1	0.7	0.5
419	3/31/2014 18:31:04	12.54	45.63	29.52	8.92	8.03	6.5	1.853	100.8	2.7	0.9	0.6
420	3/31/2014 18:46:04	12.55	45.43	29.38	8.83	8.01	6.0	1.798	99.7	2.2	0.8	0.5
421	3/31/2014 19:01:04	12.54	45.34	29.32	8.75	8.01	6.1	1.766	98.7	2.4	0.8	0.6
422	3/31/2014 19:16:03	12.49	45.28	29.27	8.63	7.99	6.1	1.741	97.2	1.9	0.7	0.4
423	3/31/2014 19:31:04	12.51	45.42	29.37	8.85	8.01	7.6	1.750	99.8	2.8	1.0	0.7
424	3/31/2014 19:46:04	12.49	45.49	29.42	8.79	8.00	5.9	1.788	99.1	2.2	0.8	0.5
425	3/31/2014 20:01:04	12.43	45.50	29.43	8.73	8.00	6.7	1.856	98.4	2.0	0.7	0.5
426	3/31/2014 20:16:03	12.37	45.11	29.15	8.74	7.99	7.8	1.928	98.1	2.6	0.9	0.6
427	3/31/2014 20:31:03	12.37	45.08	29.12	8.74	7.99	7.7	2.031	98.2	2.1	0.7	0.5
428	3/31/2014 20:46:04	12.35	44.92	29.00	8.74	7.99	9.0	2.138	98.0	2.0	0.7	0.5
429	3/31/2014 21:01:04	12.34	45.19	29.20	8.70	7.99	9.3	2.251	97.7	2.0	0.7	0.5
430	3/31/2014 21:16:04	12.20	45.74	29.59	8.64	8.00	8.9	2.341	97.0	2.7	0.9	0.6
431	3/31/2014 21:31:03	12.06	46.09	29.83	8.63	8.00	10.0	2.448	96.7	2.6	0.9	0.6
432	3/31/2014 21:46:04	12.00	46.36	30.03	8.61	8.00	9.0	2.551	96.4	2.2	0.8	0.5
433	3/31/2014 22:01:04	12.00	46.44	30.08	8.55	8.00	9.2	2.643	95.8	2.0	0.7	0.5
434	3/31/2014 22:16:04	11.96	46.54	30.15	8.54	8.00	10.9	2.745	95.7	2.7	0.9	0.6
435	3/31/2014 22:31:04	11.82	46.73	30.28	8.56	8.01	13.7	2.847	95.8	2.0	0.7	0.5
436	3/31/2014 22:46:04	11.70	46.85	30.37	8.60	8.01	13.6	2.956	96.0	2.0	0.7	0.5
437	3/31/2014 23:01:04	11.48	47.10	30.53	8.70	8.02	20.5	3.050	96.8	2.2	0.8	0.5
438	3/31/2014 23:16:04	11.29	47.48	30.80	8.74	8.04	17.6	3.166	97.0	2.0	0.7	0.5
439	3/31/2014 23:31:04	11.12	47.96	31.14	8.78	8.04	19.1	3.289	97.3	2.2	0.8	0.5
440	3/31/2014 23:46:04	10.97	48.46	31.49	8.82	8.05	27.7	3.396	97.6	3.4	1.2	0.8
441	4/1/2014 0:01:04	10.78	48.70	31.65	8.90	8.06	20.5	3.505	98.2	2.4	0.8	0.6
442	4/1/2014 0:16:04	10.71	48.49	31.49	8.98	8.06	16.7	3.610	98.8	1.6	0.6	0.4
443	4/1/2014 0:31:03	10.66	48.31	31.36	9.02	8.06	15.9	3.698	99.1	2.3	0.8	0.5
444	4/1/2014 0:46:04	10.60	48.13	31.23	9.07	8.06	15.2	3.782	99.4	2.1	0.7	0.5
445	4/1/2014 1:01:04	10.57	48.07	31.18	9.04	8.06	14.5	3.853	98.9	1.9	0.7	0.5
446	4/1/2014 1:16:04	10.56	47.80	30.99	9.01	8.06	13.6	3.903	98.4	1.6	0.6	0.4
447	4/1/2014 1:31:04	10.61	47.55	30.81	8.90	8.05	10.9	3.931	97.3	1.9	0.7	0.4
448	4/1/2014 1:46:04	10.89	47.38	30.71	8.67	8.03	10.4	3.937	95.2	1.5	0.5	0.3
449	4/1/2014 2:01:04	11.05	47.75	30.98	8.53	8.03	7.9	3.942	94.2	1.6	0.6	0.4
450	4/1/2014 2:16:04	10.91	48.00	31.16	8.71	8.04	8.3	3.894	96.1	2.5	0.9	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
451	4/1/2014 2:31:04	10.82	47.81	31.01	8.78	8.04	7.6	3.803	96.5	1.8	0.6	0.4
452	4/1/2014 2:46:04	10.83	47.93	31.10	8.76	8.04	9.2	3.718	96.4	2.1	0.7	0.5
453	4/1/2014 3:01:04	10.82	47.84	31.04	8.78	8.04	8.9	3.600	96.5	1.5	0.5	0.4
454	4/1/2014 3:16:04	11.06	47.25	30.62	8.63	8.02	18.8	3.486	95.2	2.0	0.7	0.5
455	4/1/2014 3:31:04	11.06	47.29	30.65	8.65	8.03	12.0	3.351	95.4	1.6	0.6	0.4
456	4/1/2014 3:46:04	11.09	47.43	30.75	8.62	8.03	12.6	3.227	95.2	1.9	0.7	0.4
457	4/1/2014 4:01:04	11.24	46.96	30.42	8.54	8.01	10.8	3.092	94.4	1.7	0.6	0.4
458	4/1/2014 4:16:04	11.33	46.75	30.27	8.49	8.00	10.8	2.953	94.0	1.7	0.6	0.4
459	4/1/2014 4:31:04	11.37	46.60	30.17	8.48	8.00	12.5	2.820	93.8	2.2	0.8	0.5
460	4/1/2014 4:46:04	11.21	46.83	30.32	8.54	8.01	9.8	2.687	94.3	1.2	0.4	0.3
461	4/1/2014 5:01:04	11.14	46.86	30.34	8.53	8.01	10.4	2.539	94.1	2.1	0.7	0.5
462	4/1/2014 5:16:04	11.22	46.68	30.22	8.49	8.00	9.2	2.417	93.7	1.6	0.6	0.4
463	4/1/2014 5:31:04	11.29	46.38	30.00	8.42	7.99	11.8	2.264	92.9	1.6	0.6	0.4
464	4/1/2014 5:46:04	11.42	46.00	29.74	8.36	7.98	11.6	2.127	92.4	2.2	0.8	0.5
465	4/1/2014 6:01:04	11.51	45.83	29.62	8.32	7.97	12.5	2.006	92.0	2.1	0.7	0.5
466	4/1/2014 6:16:04	11.54	45.74	29.56	8.32	7.97	12.4	1.862	92.0	2.1	0.7	0.5
467	4/1/2014 6:31:04	11.47	45.73	29.55	8.27	7.96	12.0	1.722	91.4	1.7	0.6	0.4
468	4/1/2014 6:46:04	11.48	45.61	29.47	8.27	7.96	12.5	1.596	91.3	2.5	0.9	0.6
469	4/1/2014 7:01:04	11.57	45.52	29.40	8.22	7.95	12.5	1.482	91.0	2.2	0.8	0.5
470	4/1/2014 7:16:04	11.58	45.33	29.27	8.21	7.95	12.0	1.392	90.7	1.9	0.7	0.5
471	4/1/2014 7:31:04	11.55	45.28	29.23	8.20	7.95	12.0	1.295	90.6	1.5	0.5	0.3
472	4/1/2014 7:46:04	11.56	45.18	29.16	8.17	7.94	11.0	1.258	90.2	2.0	0.7	0.5
473	4/1/2014 8:01:04	11.53	45.20	29.17	7.97	7.93	9.7	1.281	88.0	2.4	0.8	0.6
474	4/1/2014 8:16:04	11.55	45.22	29.19	8.24	7.95	9.1	1.284	91.0	1.9	0.7	0.4
475	4/1/2014 8:31:04	11.56	45.28	29.23	8.25	7.95	8.3	1.355	91.2	2.1	0.7	0.5
476	4/1/2014 8:46:04	11.59	45.35	29.29	8.25	7.95	8.7	1.435	91.3	1.7	0.6	0.4
477	4/1/2014 9:01:04	11.51	44.55	28.71	8.31	7.95	8.7	1.525	91.4	2.3	0.8	0.5
478	4/1/2014 9:16:04	11.45	43.45	27.92	8.33	7.94	10.1	1.635	91.1	1.4	0.5	0.3
479	4/1/2014 9:31:04	11.48	43.96	28.28	8.28	7.94	9.6	1.728	90.7	2.2	0.8	0.5
480	4/1/2014 9:46:04	11.49	44.00	28.32	8.25	7.94	9.5	1.836	90.5	1.9	0.7	0.5
481	4/1/2014 10:01:04	11.49	44.05	28.35	8.26	7.95	9.5	1.943	90.6	1.8	0.6	0.4
482	4/1/2014 10:16:04	11.48	45.29	29.23	8.23	7.96	9.7	2.063	90.7	2.2	0.8	0.5
483	4/1/2014 10:31:04	11.49	45.56	29.43	8.26	7.96	9.4	2.159	91.3	2.0	0.7	0.5
484	4/1/2014 10:46:04	11.52	45.12	29.12	8.34	7.96	8.7	2.265	92.0	1.6	0.6	0.4
485	4/1/2014 11:01:04	11.56	45.56	29.43	8.35	7.97	8.7	2.364	92.3	1.9	0.7	0.5
486	4/1/2014 11:16:04	11.55	45.87	29.66	8.35	7.97	10.4	2.470	92.5	2.2	0.8	0.5
487	4/1/2014 11:31:04	11.53	46.13	29.84	8.37	7.97	11.7	2.575	92.7	2.1	0.7	0.5
488	4/1/2014 11:46:04	11.51	46.19	29.88	8.39	7.98	13.1	2.650	92.9	2.2	0.8	0.5
489	4/1/2014 12:01:04	11.44	46.33	29.98	8.44	7.99	15.8	2.778	93.4	2.3	0.8	0.5
490	4/1/2014 12:16:04	11.34	46.55	30.13	8.51	8.00	19.1	2.864	94.1	1.8	0.6	0.4
491	4/1/2014 12:31:04	11.24	46.77	30.28	8.59	8.00	17.8	2.953	94.8	2.9	1.0	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
492	4/1/2014 12:46:04	11.08	47.11	30.52	8.68	8.01	18.0	3.061	95.7	2.8	1.0	0.7
493	4/1/2014 13:01:04	10.97	47.46	30.77	8.75	8.02	25.7	3.140	96.3	2.4	0.8	0.6
494	4/1/2014 13:16:04	10.90	47.81	31.02	8.86	8.03	26.6	3.229	97.6	2.0	0.7	0.5
495	4/1/2014 13:31:04	10.86	48.15	31.25	8.91	8.03	19.6	3.325	98.2	1.6	0.6	0.4
496	4/1/2014 13:46:04	10.83	48.63	31.60	8.96	8.04	14.8	3.396	98.9	1.9	0.7	0.4
497	4/1/2014 14:01:04	10.80	48.90	31.80	8.99	8.04	13.2	3.481	99.3	1.6	0.6	0.4
498	4/1/2014 14:16:04	10.74	49.18	31.99	9.01	8.04	11.2	3.502	99.5	2.0	0.7	0.5
499	4/1/2014 14:31:04	10.73	49.26	32.05	8.97	8.04	9.7	3.541	99.1	1.3	0.5	0.3
500	4/1/2014 14:46:04	10.79	49.02	31.88	8.84	8.03	7.2	3.542	97.7	1.3	0.5	0.3
501	4/1/2014 15:01:03	10.73	49.28	32.06	8.94	8.04	10.4	3.528	98.7	0.8	0.3	0.2
502	4/1/2014 15:16:04	11.19	47.63	30.90	8.88	8.03	13.1	3.463	98.4	1.1	0.4	0.3
503	4/1/2014 15:31:04	11.47	47.06	30.51	8.94	8.04	9.8	3.389	99.3	1.5	0.5	0.4
504	4/1/2014 15:46:04	11.38	47.18	30.59	8.88	8.03	8.0	3.310	98.5	1.8	0.6	0.4
505	4/1/2014 16:01:04	11.33	47.24	30.63	8.79	8.02	11.9	3.210	97.5	1.4	0.5	0.3
506	4/1/2014 16:16:04	11.26	47.29	30.66	8.80	8.02	19.4	3.087	97.5	1.7	0.6	0.4
507	4/1/2014 16:31:04	11.43	46.87	30.36	8.71	8.02	12.9	2.982	96.7	1.9	0.7	0.4
508	4/1/2014 16:46:04	11.50	46.73	30.27	8.66	8.01	8.7	2.882	96.2	1.7	0.6	0.4
509	4/1/2014 17:01:04	11.57	46.57	30.16	8.70	8.01	7.2	2.783	96.7	1.3	0.5	0.3
510	4/1/2014 17:16:04	11.66	46.35	30.00	8.67	8.01	6.7	2.676	96.5	1.5	0.5	0.4
511	4/1/2014 17:31:04	11.74	46.18	29.88	8.67	8.00	6.4	2.590	96.5	1.8	0.6	0.4
512	4/1/2014 17:46:04	11.70	46.15	29.86	8.69	8.01	6.5	2.499	96.7	2.1	0.7	0.5
513	4/1/2014 18:01:04	11.74	45.92	29.70	8.78	8.01	6.8	2.405	97.6	1.6	0.6	0.4
514	4/1/2014 18:16:04	11.87	45.48	29.39	8.77	8.00	6.3	2.298	97.6	1.9	0.7	0.5
515	4/1/2014 18:31:04	11.90	45.37	29.31	8.78	8.01	6.0	2.229	97.8	1.1	0.4	0.3
516	4/1/2014 18:46:04	11.84	45.52	29.41	8.91	8.02	5.5	2.140	99.1	1.6	0.6	0.4
517	4/1/2014 19:01:04	11.84	45.48	29.39	8.93	8.03	5.6	2.046	99.3	1.8	0.6	0.4
518	4/1/2014 19:16:03	11.88	45.28	29.25	8.95	8.02	5.4	1.997	99.6	1.6	0.6	0.4
519	4/1/2014 19:31:03	11.90	45.25	29.22	8.88	8.02	5.4	1.931	98.8	1.9	0.7	0.4
520	4/1/2014 19:46:04	11.93	45.16	29.16	8.77	8.01	4.7	1.916	97.7	2.1	0.7	0.5
521	4/1/2014 20:01:04	11.92	45.08	29.11	8.32	7.99	5.6	1.910	92.5	1.9	0.7	0.5
522	4/1/2014 20:16:04	11.89	45.17	29.17	8.81	8.01	5.3	1.917	97.9	1.9	0.7	0.4
523	4/1/2014 20:31:04	11.88	45.18	29.17	8.82	8.00	5.6	1.961	98.0	2.2	0.8	0.5
524	4/1/2014 20:46:04	11.89	45.21	29.19	8.75	8.00	5.6	2.047	97.3	2.5	0.9	0.6
525	4/1/2014 21:01:04	11.90	45.22	29.20	8.71	7.99	5.5	2.108	96.9	1.9	0.7	0.4
526	4/1/2014 21:16:04	11.90	44.79	28.89	8.78	7.99	7.1	2.191	97.5	1.9	0.7	0.5
527	4/1/2014 21:31:04	11.90	44.91	28.98	8.74	7.99	6.7	2.280	97.1	2.2	0.8	0.5
528	4/1/2014 21:46:04	11.90	45.01	29.05	8.75	8.00	6.9	2.387	97.3	2.3	0.8	0.5
529	4/1/2014 22:01:04	11.83	45.39	29.32	8.71	8.00	7.6	2.468	96.8	1.9	0.7	0.5
530	4/1/2014 22:16:04	11.72	45.74	29.57	8.66	8.00	7.3	2.568	96.2	1.2	0.4	0.3
531	4/1/2014 22:31:04	11.61	45.91	29.68	8.64	7.99	7.7	2.674	95.8	1.7	0.6	0.4
532	4/1/2014 22:46:03	11.56	46.24	29.92	8.61	7.99	8.5	2.765	95.6	2.4	0.8	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
533	4/1/2014 23:01:03	11.54	46.35	30.00	8.64	7.99	8.5	2.864	95.9	1.6	0.6	0.4
534	4/1/2014 23:16:04	11.46	46.62	30.19	8.69	8.00	11.8	2.954	96.3	2.1	0.7	0.5
535	4/1/2014 23:31:04	11.34	46.90	30.38	8.71	8.01	13.0	3.060	96.5	2.2	0.8	0.5
536	4/1/2014 23:46:04	11.13	47.12	30.53	8.81	8.01	19.2	3.172	97.2	2.1	0.7	0.5
537	4/2/2014 0:01:04	11.05	47.46	30.77	8.86	8.02	14.2	3.273	97.8	1.5	0.5	0.4
538	4/2/2014 0:16:04	10.98	47.75	30.98	8.89	8.02	12.8	3.387	98.0	1.8	0.6	0.4
539	4/2/2014 0:31:04	10.82	48.40	31.43	8.94	8.03	19.3	3.482	98.6	1.6	0.6	0.4
540	4/2/2014 0:46:04	10.71	48.71	31.66	9.00	8.03	19.4	3.583	99.1	1.9	0.7	0.5
541	4/2/2014 1:01:04	10.63	48.81	31.72	9.04	8.04	16.6	3.680	99.5	1.6	0.6	0.4
542	4/2/2014 1:16:04	10.51	48.55	31.52	9.16	8.04	11.2	3.747	100.4	0.9	0.3	0.2
543	4/2/2014 1:31:04	10.44	48.21	31.28	9.22	8.05	12.1	3.824	100.7	2.0	0.7	0.5
544	4/2/2014 1:46:04	10.41	47.99	31.11	9.24	8.05	11.0	3.872	100.7	1.4	0.5	0.3
545	4/2/2014 2:01:04	10.42	47.80	30.98	9.19	8.05	10.9	3.910	100.1	1.6	0.6	0.4
546	4/2/2014 2:16:04	10.44	47.71	30.92	9.06	8.04	6.7	3.927	98.8	1.3	0.5	0.3
547	4/2/2014 2:31:04	10.69	47.68	30.91	8.90	8.03	8.9	3.918	97.5	1.5	0.5	0.4
548	4/2/2014 2:46:04	10.78	48.01	31.15	8.74	8.02	9.2	3.888	96.1	1.6	0.6	0.4
549	4/2/2014 3:01:04	10.73	48.15	31.25	8.83	8.02	8.4	3.826	97.0	1.2	0.4	0.3
550	4/2/2014 3:16:04	10.67	48.15	31.24	8.90	8.02	7.7	3.744	97.7	1.5	0.5	0.3
551	4/2/2014 3:31:04	10.73	47.89	31.06	8.83	8.02	8.1	3.653	97.0	1.9	0.7	0.4
552	4/2/2014 3:46:04	10.84	47.38	30.70	8.73	8.01	7.8	3.536	95.8	1.4	0.5	0.3
553	4/2/2014 4:01:04	10.86	46.97	30.41	8.67	8.00	9.5	3.422	95.1	1.3	0.5	0.3
554	4/2/2014 4:16:04	10.92	46.72	30.24	8.70	8.01	13.8	3.294	95.4	2.1	0.7	0.5
555	4/2/2014 4:31:04	11.05	46.41	30.02	8.64	8.00	12.0	3.170	94.9	1.9	0.7	0.4
556	4/2/2014 4:46:04	11.11	46.23	29.89	8.57	7.99	12.6	3.047	94.1	2.3	0.8	0.5
557	4/2/2014 5:01:04	11.08	46.05	29.76	8.57	7.99	8.9	2.915	94.0	1.9	0.7	0.5
558	4/2/2014 5:16:04	11.06	46.07	29.78	8.53	7.99	8.3	2.780	93.5	1.6	0.6	0.4
559	4/2/2014 5:31:04	10.96	46.36	29.98	8.52	7.99	8.6	2.656	93.4	1.7	0.6	0.4
560	4/2/2014 5:46:04	11.00	46.16	29.83	8.48	7.98	8.3	2.515	92.9	1.6	0.6	0.4
561	4/2/2014 6:01:04	11.21	45.48	29.36	8.40	7.97	11.4	2.378	92.2	1.9	0.7	0.5
562	4/2/2014 6:16:04	11.18	45.50	29.37	8.37	7.97	10.5	2.243	91.8	2.3	0.8	0.5
563	4/2/2014 6:31:04	11.12	45.56	29.41	8.32	7.96	9.6	2.099	91.2	2.1	0.7	0.5
564	4/2/2014 6:46:04	11.20	45.47	29.35	8.32	7.96	10.9	1.973	91.3	1.7	0.6	0.4
565	4/2/2014 7:01:04	10.96	45.68	29.49	8.26	7.95	9.7	1.824	90.2	2.1	0.7	0.5
566	4/2/2014 7:16:04	10.97	45.59	29.43	8.28	7.95	9.7	1.705	90.4	1.7	0.6	0.4
567	4/2/2014 7:31:04	11.15	45.36	29.27	8.25	7.95	8.6	1.572	90.3	2.0	0.7	0.5
568	4/2/2014 7:46:04	11.19	45.28	29.21	8.23	7.95	8.7	1.450	90.1	2.2	0.8	0.5
569	4/2/2014 8:01:04	11.21	45.19	29.15	8.21	7.94	8.7	1.386	90.0	1.7	0.6	0.4
570	4/2/2014 8:16:04	11.23	45.11	29.09	8.19	7.94	7.9	1.303	89.8	2.2	0.8	0.5
571	4/2/2014 8:31:04	11.23	45.04	29.05	8.11	7.94	6.4	1.284	88.9	2.0	0.7	0.5
572	4/2/2014 8:46:04	11.20	45.15	29.12	8.18	7.94	7.4	1.294	89.6	2.1	0.7	0.5
573	4/2/2014 9:01:04	11.25	45.08	29.08	8.25	7.95	7.2	1.310	90.5	2.1	0.7	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
574	4/2/2014 9:16:04	11.28	45.13	29.11	8.26	7.94	6.7	1.399	90.7	1.7	0.6	0.4
575	4/2/2014 9:31:04	11.37	45.01	29.03	8.28	7.95	7.1	1.466	91.0	2.2	0.8	0.5
576	4/2/2014 9:46:04	11.29	44.19	28.44	8.36	7.94	8.2	1.580	91.4	2.6	0.9	0.6
577	4/2/2014 10:01:04	11.22	43.40	27.88	8.39	7.94	8.8	1.673	91.2	2.6	0.9	0.6
578	4/2/2014 10:16:04	11.22	43.77	28.14	8.32	7.94	8.1	1.757	90.6	2.0	0.7	0.5
579	4/2/2014 10:31:04	11.23	44.19	28.44	8.29	7.94	7.6	1.873	90.4	1.6	0.6	0.4
580	4/2/2014 10:46:04	11.23	44.24	28.47	8.27	7.94	7.8	1.963	90.3	1.6	0.6	0.4
581	4/2/2014 11:01:04	11.24	43.69	28.09	8.35	7.94	7.8	2.056	91.0	2.1	0.7	0.5
582	4/2/2014 11:16:04	11.23	44.71	28.81	8.31	7.95	7.3	2.167	90.9	1.9	0.7	0.5
583	4/2/2014 11:31:04	11.25	45.38	29.29	8.32	7.96	7.3	2.272	91.3	1.8	0.6	0.4
584	4/2/2014 11:46:04	11.28	45.66	29.49	8.36	7.97	6.7	2.358	91.9	1.7	0.6	0.4
585	4/2/2014 12:01:04	11.37	45.74	29.55	8.37	7.96	7.8	2.456	92.3	2.6	0.9	0.6
586	4/2/2014 12:16:04	11.36	45.92	29.68	8.39	7.97	8.6	2.555	92.6	1.5	0.5	0.4
587	4/2/2014 12:31:04	11.37	45.96	29.71	8.43	7.97	7.9	2.647	93.0	2.0	0.7	0.5
588	4/2/2014 12:46:04	11.33	46.04	29.76	8.46	7.97	9.0	2.740	93.3	1.6	0.6	0.4
589	4/2/2014 13:01:04	11.33	46.13	29.83	8.49	7.98	13.5	2.833	93.7	2.5	0.9	0.6
590	4/2/2014 13:16:04	11.28	46.32	29.96	8.57	7.98	18.0	2.927	94.5	1.8	0.6	0.4
591	4/2/2014 13:31:04	11.26	46.55	30.12	8.62	7.99	16.5	3.009	95.2	1.8	0.6	0.4
592	4/2/2014 13:46:04	11.01	47.06	30.48	8.71	8.00	17.1	3.099	95.9	1.7	0.6	0.4
593	4/2/2014 14:01:04	10.99	47.44	30.75	8.78	8.01	17.8	3.175	96.8	2.1	0.7	0.5
594	4/2/2014 14:16:04	10.96	47.59	30.86	8.80	8.01	15.4	3.255	97.0	1.6	0.6	0.4
595	4/2/2014 14:31:04	10.96	47.84	31.04	8.84	8.01	16.9	3.335	97.5	1.1	0.4	0.2
596	4/2/2014 14:46:04	10.98	48.01	31.16	8.87	8.02	10.9	3.393	97.9	1.7	0.6	0.4
597	4/2/2014 15:01:04	11.02	48.09	31.22	8.81	8.02	7.7	3.431	97.5	1.1	0.4	0.3
598	4/2/2014 15:16:04	11.03	48.10	31.23	8.76	8.01	5.5	3.460	96.9	0.8	0.3	0.2
599	4/2/2014 15:31:04	11.06	47.98	31.15	8.75	8.01	7.6	3.471	96.8	1.4	0.5	0.3
600	4/2/2014 15:46:04	11.02	48.20	31.30	8.82	8.02	7.9	3.449	97.6	0.7	0.2	0.2
601	4/2/2014 16:01:04	11.11	47.97	31.14	8.79	8.01	10.9	3.385	97.4	0.8	0.3	0.2
602	4/2/2014 16:16:04	11.44	47.44	30.78	8.80	8.01	9.0	3.332	97.9	1.3	0.5	0.3
603	4/2/2014 16:31:04	11.76	47.16	30.59	8.92	8.02	9.4	3.265	99.8	1.3	0.5	0.3
604	4/2/2014 16:46:04	11.69	47.34	30.71	8.94	8.03	8.3	3.156	100.0	1.4	0.5	0.3
605	4/2/2014 17:01:04	12.16	46.45	30.09	8.86	8.01	12.5	3.054	99.6	1.5	0.5	0.4
606	4/2/2014 17:16:03	12.12	46.36	30.03	8.91	8.02	8.7	2.963	100.1	1.8	0.6	0.4
607	4/2/2014 17:31:04	12.14	46.29	29.98	8.94	8.01	8.9	2.884	100.4	1.6	0.6	0.4
608	4/2/2014 17:46:03	12.20	46.13	29.87	8.88	8.01	7.8	2.787	99.9	0.9	0.3	0.2
609	4/2/2014 18:01:04	12.32	46.02	29.80	9.05	8.03	6.2	2.673	102.0	1.9	0.7	0.5
610	4/2/2014 18:16:03	12.35	45.68	29.55	8.96	8.01	5.9	2.605	100.8	1.6	0.6	0.4
611	4/2/2014 18:31:03	12.41	45.41	29.36	9.01	8.01	6.0	2.516	101.4	1.7	0.6	0.4
612	4/2/2014 18:46:03	12.45	45.43	29.38	9.29	8.04	5.1	2.425	104.7	2.2	0.8	0.5
613	4/2/2014 19:01:04	12.46	45.22	29.23	9.34	8.04	5.7	2.329	105.2	1.7	0.6	0.4
614	4/2/2014 19:16:04	12.62	44.84	28.96	9.47	8.05	5.3	2.267	106.8	1.4	0.5	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
615	4/2/2014 19:31:04	12.66	44.73	28.88	9.30	8.04	4.6	2.215	104.9	1.9	0.7	0.4
616	4/2/2014 19:46:03	12.79	44.52	28.73	9.27	8.04	4.5	2.136	104.8	1.2	0.4	0.3
617	4/2/2014 20:01:03	12.72	44.65	28.83	9.34	8.05	5.1	2.076	105.5	1.9	0.7	0.5
618	4/2/2014 20:16:04	12.76	44.59	28.78	9.20	8.03	4.1	2.067	103.9	1.7	0.6	0.4
619	4/2/2014 20:31:03	12.78	44.49	28.71	9.22	8.03	4.6	2.071	104.2	2.3	0.8	0.5
620	4/2/2014 20:46:04	12.67	44.69	28.85	9.23	8.03	4.9	2.045	104.1	2.1	0.7	0.5
621	4/2/2014 21:01:03	12.64	44.67	28.83	9.18	8.02	5.6	2.076	103.5	1.9	0.7	0.4
622	4/2/2014 21:16:04	12.58	44.73	28.88	9.20	8.02	6.3	2.131	103.6	1.9	0.7	0.5
623	4/2/2014 21:31:04	12.58	44.71	28.86	9.15	8.02	6.9	2.216	103.0	1.7	0.6	0.4
624	4/2/2014 21:46:04	12.66	44.56	28.76	9.21	8.02	6.4	2.256	103.8	2.0	0.7	0.5
625	4/2/2014 22:01:04	12.58	44.72	28.87	9.09	8.02	6.6	2.349	102.4	2.2	0.8	0.5
626	4/2/2014 22:16:04	12.57	44.82	28.94	9.07	8.01	5.9	2.443	102.1	2.1	0.7	0.5
627	4/2/2014 22:31:04	12.48	45.19	29.21	9.00	8.01	7.3	2.528	101.4	1.8	0.6	0.4
628	4/2/2014 22:46:04	12.39	45.32	29.29	9.03	8.02	5.6	2.605	101.5	1.7	0.6	0.4
629	4/2/2014 23:01:04	12.09	45.93	29.72	8.80	8.00	7.2	2.682	98.6	1.4	0.5	0.3
630	4/2/2014 23:16:03	11.97	46.26	29.95	8.79	8.00	6.3	2.779	98.4	1.7	0.6	0.4
631	4/2/2014 23:31:04	11.93	46.40	30.05	8.80	8.00	6.7	2.850	98.5	1.9	0.7	0.4
632	4/2/2014 23:46:04	11.87	46.56	30.16	8.78	8.00	7.8	2.938	98.2	2.0	0.7	0.5
633	4/3/2014 0:01:04	11.76	46.70	30.26	8.81	8.00	7.7	3.024	98.4	1.4	0.5	0.3
634	4/3/2014 0:16:04	11.64	46.93	30.42	8.84	8.01	10.0	3.118	98.5	1.4	0.5	0.3
635	4/3/2014 0:31:04	11.52	47.23	30.63	8.87	8.01	9.7	3.211	98.8	1.3	0.5	0.3
636	4/3/2014 0:46:04	11.45	47.42	30.76	8.86	8.01	9.0	3.291	98.6	1.2	0.4	0.3
637	4/3/2014 1:01:04	11.34	47.66	30.93	8.86	8.01	7.6	3.395	98.5	1.4	0.5	0.3
638	4/3/2014 1:16:04	11.23	47.95	31.13	8.92	8.02	9.5	3.480	99.0	0.8	0.3	0.2
639	4/3/2014 1:31:04	11.14	48.19	31.30	8.92	8.02	9.7	3.563	99.0	1.6	0.6	0.4
640	4/3/2014 1:46:04	11.07	48.39	31.44	8.94	8.03	9.0	3.638	99.1	1.5	0.5	0.3
641	4/3/2014 2:01:04	11.02	48.52	31.54	8.99	8.03	7.9	3.702	99.6	0.7	0.2	0.2
642	4/3/2014 2:16:04	11.01	48.60	31.59	9.02	8.03	7.4	3.759	99.9	1.2	0.4	0.3
643	4/3/2014 2:31:04	11.00	48.64	31.62	9.00	8.03	6.5	3.788	99.7	0.8	0.3	0.2
644	4/3/2014 2:46:04	11.00	48.68	31.65	8.90	8.03	6.0	3.824	98.7	0.7	0.2	0.2
645	4/3/2014 3:01:04	11.06	48.48	31.51	8.72	8.02	5.7	3.831	96.6	1.2	0.4	0.3
646	4/3/2014 3:16:04	11.03	47.35	30.69	8.84	8.03	6.2	3.805	97.4	1.0	0.4	0.2
647	4/3/2014 3:31:04	11.00	48.63	31.61	8.88	8.03	6.6	3.763	98.4	0.6	0.2	0.1
648	4/3/2014 3:46:04	11.13	47.90	31.10	8.76	8.01	7.4	3.690	97.1	2.0	0.7	0.5
649	4/3/2014 4:01:04	11.17	47.63	30.90	8.76	8.01	6.1	3.619	96.9	1.9	0.7	0.5
650	4/3/2014 4:16:04	11.17	47.62	30.89	8.78	8.01	6.4	3.505	97.2	1.1	0.4	0.2
651	4/3/2014 4:31:04	11.24	47.41	30.74	8.71	8.01	9.7	3.417	96.5	1.1	0.4	0.3
652	4/3/2014 4:46:04	11.28	47.00	30.45	8.71	8.00	10.1	3.292	96.4	1.6	0.6	0.4
653	4/3/2014 5:01:04	11.44	46.61	30.18	8.69	8.00	9.2	3.192	96.4	1.9	0.7	0.5
654	4/3/2014 5:16:04	11.54	46.40	30.03	8.70	8.00	9.0	3.068	96.6	1.4	0.5	0.3
655	4/3/2014 5:31:04	11.55	46.20	29.89	8.67	8.00	8.0	2.958	96.1	1.4	0.5	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
656	4/3/2014 5:46:04	11.64	45.72	29.55	8.62	7.99	7.4	2.833	95.6	1.8	0.6	0.4
657	4/3/2014 6:01:03	11.43	46.36	30.00	8.62	7.99	7.2	2.703	95.5	1.1	0.4	0.3
658	4/3/2014 6:16:04	11.46	46.33	29.98	8.61	7.99	7.7	2.593	95.4	1.2	0.4	0.3
659	4/3/2014 6:31:04	11.81	45.62	29.48	8.56	7.98	8.9	2.476	95.2	1.8	0.6	0.4
660	4/3/2014 6:46:04	11.83	45.49	29.40	8.58	7.98	9.9	2.326	95.4	2.0	0.7	0.5
661	4/3/2014 7:01:04	11.62	45.77	29.59	8.47	7.97	7.3	2.205	93.8	1.4	0.5	0.3
662	4/3/2014 7:16:04	11.89	45.24	29.22	8.45	7.97	9.8	2.088	94.0	1.6	0.6	0.4
663	4/3/2014 7:31:04	11.70	45.48	29.38	8.34	7.96	8.2	1.939	92.5	1.5	0.5	0.4
664	4/3/2014 7:46:04	11.75	45.26	29.23	8.35	7.96	8.1	1.813	92.6	2.1	0.7	0.5
665	4/3/2014 8:01:04	11.87	45.01	29.06	8.35	7.96	7.6	1.696	92.7	1.1	0.4	0.3
666	4/3/2014 8:16:04	11.92	44.86	28.95	8.35	7.96	7.2	1.612	92.7	1.4	0.5	0.3
667	4/3/2014 8:31:04	11.94	44.84	28.94	8.34	7.96	7.8	1.472	92.7	2.1	0.7	0.5
668	4/3/2014 8:46:04	12.05	44.71	28.84	8.35	7.96	6.0	1.422	92.9	2.4	0.8	0.6
669	4/3/2014 9:01:04	12.10	44.66	28.81	8.27	7.96	5.6	1.383	92.2	2.3	0.8	0.5
670	4/3/2014 9:16:04	12.05	44.75	28.87	8.25	7.95	7.8	1.364	91.9	2.6	0.9	0.6
671	4/3/2014 9:31:04	12.10	44.69	28.83	8.42	7.96	6.0	1.384	93.8	2.1	0.7	0.5
672	4/3/2014 9:46:04	12.08	44.73	28.86	8.42	7.96	5.4	1.411	93.8	1.8	0.6	0.4
673	4/3/2014 10:01:04	12.12	44.70	28.84	8.42	7.96	5.3	1.497	93.9	1.7	0.6	0.4
674	4/3/2014 10:16:04	12.19	44.58	28.75	8.41	7.96	6.6	1.560	93.8	2.2	0.8	0.5
675	4/3/2014 10:31:04	12.26	43.40	27.92	8.46	7.95	7.3	1.648	94.1	1.7	0.6	0.4
676	4/3/2014 10:46:04	12.16	43.51	27.99	8.47	7.95	8.2	1.738	94.0	2.0	0.7	0.5
677	4/3/2014 11:01:04	12.11	44.06	28.38	8.42	7.95	6.5	1.823	93.5	1.7	0.6	0.4
678	4/3/2014 11:16:04	12.09	44.24	28.51	8.39	7.95	6.4	1.907	93.3	2.2	0.8	0.5
679	4/3/2014 11:31:04	12.09	44.25	28.52	8.36	7.95	6.3	1.983	93.0	1.5	0.5	0.4
680	4/3/2014 11:46:04	12.04	44.29	28.54	8.40	7.96	7.0	2.086	93.4	1.3	0.5	0.3
681	4/3/2014 12:01:04	11.92	45.06	29.09	8.38	7.96	6.5	2.163	93.2	1.8	0.6	0.4
682	4/3/2014 12:16:04	11.85	45.55	29.44	8.47	7.97	6.1	2.261	94.3	1.4	0.5	0.3
683	4/3/2014 12:31:04	11.87	45.68	29.54	8.48	7.97	6.4	2.346	94.5	1.1	0.4	0.3
684	4/3/2014 12:46:04	11.97	45.86	29.67	8.54	7.98	6.1	2.438	95.5	1.9	0.7	0.5
685	4/3/2014 13:01:04	12.02	45.92	29.71	8.57	7.98	6.8	2.527	95.8	1.3	0.5	0.3
686	4/3/2014 13:16:04	11.94	46.06	29.81	8.54	7.98	7.6	2.610	95.5	1.8	0.6	0.4
687	4/3/2014 13:31:04	11.87	46.12	29.85	8.54	7.98	7.1	2.703	95.3	1.6	0.6	0.4
688	4/3/2014 13:46:04	11.81	46.21	29.91	8.55	7.98	8.3	2.789	95.4	2.0	0.7	0.5
689	4/3/2014 14:01:04	11.84	46.33	29.99	8.59	7.99	10.3	2.858	95.9	1.3	0.5	0.3
690	4/3/2014 14:16:04	11.83	46.53	30.14	8.64	7.99	11.5	2.952	96.6	1.8	0.6	0.4
691	4/3/2014 14:31:04	11.77	46.73	30.28	8.65	7.99	11.0	3.028	96.7	1.7	0.6	0.4
692	4/3/2014 14:46:04	11.59	47.22	30.62	8.70	8.00	11.2	3.090	97.0	1.7	0.6	0.4
693	4/3/2014 15:01:04	11.54	47.55	30.86	8.77	8.01	9.4	3.171	97.9	1.2	0.4	0.3
694	4/3/2014 15:16:04	11.44	47.83	31.06	8.77	8.01	7.9	3.232	97.8	1.3	0.5	0.3
695	4/3/2014 15:31:04	11.40	47.95	31.14	8.77	8.01	6.9	3.284	97.7	1.6	0.6	0.4
696	4/3/2014 15:46:04	11.40	48.04	31.21	8.81	8.02	5.0	3.331	98.2	0.5	0.2	0.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
697	4/3/2014 16:01:04	11.44	48.03	31.20	8.78	8.02	4.7	3.361	98.0	0.9	0.3	0.2
698	4/3/2014 16:16:04	11.48	47.84	31.06	8.71	8.01	5.4	3.366	97.2	0.9	0.3	0.2
699	4/3/2014 16:31:04	11.45	47.99	31.17	8.71	8.01	5.0	3.368	97.2	1.2	0.4	0.3
700	4/3/2014 16:46:04	11.45	47.99	31.17	8.68	8.01	6.1	3.343	96.9	1.0	0.4	0.2
701	4/3/2014 17:01:04	11.46	47.95	31.15	8.69	8.01	6.2	3.295	97.0	1.2	0.4	0.3
702	4/3/2014 17:16:04	11.53	47.75	31.00	8.68	8.01	6.4	3.232	96.9	0.7	0.2	0.2
703	4/3/2014 17:31:04	11.87	47.22	30.64	8.79	8.01	6.7	3.150	98.6	0.7	0.2	0.2
704	4/3/2014 17:46:04	12.02	46.85	30.38	8.75	8.01	7.5	3.079	98.4	1.3	0.5	0.3
705	4/3/2014 18:01:04	12.20	46.57	30.18	8.79	8.01	8.4	2.982	99.1	1.4	0.5	0.3
706	4/3/2014 18:16:04	12.24	46.48	30.12	8.78	8.01	7.6	2.904	98.9	1.9	0.7	0.4
707	4/3/2014 18:31:04	12.46	46.19	29.92	8.84	8.02	6.1	2.818	100.0	1.4	0.5	0.3
708	4/3/2014 18:46:04	12.66	45.96	29.77	8.87	8.02	5.4	2.758	100.6	1.9	0.7	0.4
709	4/3/2014 19:01:04	12.53	45.86	29.69	8.88	8.02	5.4	2.660	100.4	1.9	0.7	0.5
710	4/3/2014 19:16:03	12.62	45.62	29.52	8.86	8.02	5.2	2.595	100.3	1.9	0.7	0.4
711	4/3/2014 19:31:03	12.64	45.68	29.56	8.93	8.03	4.7	2.517	101.1	1.5	0.5	0.4
712	4/3/2014 19:46:04	12.77	45.06	29.12	8.97	8.02	4.8	2.470	101.6	1.6	0.6	0.4
713	4/3/2014 20:01:04	12.82	44.89	29.00	8.96	8.02	4.9	2.391	101.5	2.2	0.8	0.5
714	4/3/2014 20:16:03	12.77	45.03	29.10	8.95	8.03	4.8	2.340	101.3	1.5	0.5	0.4
715	4/3/2014 20:31:03	12.79	45.01	29.08	8.98	8.03	5.3	2.306	101.7	1.8	0.6	0.4
716	4/3/2014 20:46:03	12.90	44.65	28.83	8.98	8.02	4.5	2.260	101.8	2.1	0.7	0.5
717	4/3/2014 21:01:03	12.93	44.63	28.82	8.94	8.02	4.5	2.241	101.4	2.4	0.8	0.6
718	4/3/2014 21:16:04	12.98	44.55	28.76	8.60	8.01	4.5	2.232	97.6	2.0	0.7	0.5
719	4/3/2014 21:31:04	12.78	44.92	29.02	8.86	8.01	4.6	2.240	100.3	2.0	0.7	0.5
720	4/3/2014 21:46:03	12.82	44.88	28.99	8.93	8.02	5.4	2.267	101.2	1.5	0.5	0.4
721	4/3/2014 22:01:03	12.82	44.86	28.98	8.97	8.02	5.3	2.298	101.6	2.0	0.7	0.5
722	4/3/2014 22:16:03	12.81	44.92	29.02	8.97	8.02	5.9	2.354	101.5	1.7	0.6	0.4
723	4/3/2014 22:31:03	12.77	45.03	29.10	8.96	8.01	6.1	2.413	101.5	1.5	0.5	0.4
724	4/3/2014 22:46:03	12.83	44.99	29.07	9.04	8.02	5.6	2.485	102.4	1.7	0.6	0.4
725	4/3/2014 23:01:03	12.76	45.16	29.20	9.00	8.02	6.5	2.559	101.9	2.4	0.8	0.6
726	4/3/2014 23:16:03	12.63	45.56	29.48	8.98	8.02	6.0	2.631	101.6	1.8	0.6	0.4
727	4/3/2014 23:31:03	12.51	45.80	29.64	8.96	8.02	5.6	2.716	101.3	1.4	0.5	0.3
728	4/3/2014 23:46:04	12.24	46.25	29.96	8.83	8.00	6.7	2.780	99.4	1.7	0.6	0.4
729	4/4/2014 0:01:04	12.12	46.48	30.11	8.77	8.00	6.1	2.859	98.6	1.7	0.6	0.4
730	4/4/2014 0:16:04	12.01	46.68	30.26	8.75	8.00	5.7	2.942	98.2	2.1	0.7	0.5
731	4/4/2014 0:31:04	11.91	46.85	30.37	8.71	8.00	5.9	3.009	97.7	1.7	0.6	0.4
732	4/4/2014 0:46:03	11.81	47.06	30.52	8.73	8.00	6.2	3.103	97.7	1.6	0.6	0.4
733	4/4/2014 1:01:04	11.72	47.17	30.59	8.76	8.01	6.6	3.167	97.9	1.4	0.5	0.3
734	4/4/2014 1:16:04	11.56	47.45	30.79	8.74	8.01	7.6	3.251	97.5	1.4	0.5	0.3
735	4/4/2014 1:31:04	11.43	47.75	31.00	8.77	8.01	7.2	3.337	97.7	0.8	0.3	0.2
736	4/4/2014 1:46:04	11.33	47.93	31.13	8.77	8.01	6.6	3.393	97.6	0.8	0.3	0.2
737	4/4/2014 2:01:04	11.21	48.15	31.28	8.80	8.02	6.4	3.485	97.7	0.9	0.3	0.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
738	4/4/2014 2:16:04	11.15	48.24	31.34	8.78	8.02	6.1	3.543	97.5	0.8	0.3	0.2
739	4/4/2014 2:31:04	11.10	48.32	31.39	8.76	8.02	5.3	3.594	97.2	0.8	0.3	0.2
740	4/4/2014 2:46:04	11.09	48.34	31.41	8.79	8.02	5.4	3.646	97.4	1.1	0.4	0.3
741	4/4/2014 3:01:04	11.08	48.35	31.42	8.76	8.02	4.8	3.680	97.1	1.0	0.4	0.2
742	4/4/2014 3:16:04	11.07	48.37	31.43	8.71	8.02	3.9	3.701	96.6	0.8	0.3	0.2
743	4/4/2014 3:31:04	11.14	48.27	31.36	8.53	8.01	4.8	3.715	94.7	0.7	0.2	0.2
744	4/4/2014 3:46:04	11.09	48.34	31.41	8.64	8.02	5.2	3.687	95.8	0.9	0.3	0.2
745	4/4/2014 4:01:04	11.50	47.32	30.69	8.53	8.00	4.1	3.679	95.0	0.9	0.3	0.2
746	4/4/2014 4:16:04	11.37	47.62	30.90	8.59	8.00	5.2	3.631	95.5	0.9	0.3	0.2
747	4/4/2014 4:31:04	11.58	47.08	30.52	8.58	8.00	5.9	3.562	95.6	1.2	0.4	0.3
748	4/4/2014 4:46:04	11.59	47.05	30.51	8.55	8.00	4.8	3.500	95.3	1.1	0.4	0.3
749	4/4/2014 5:01:04	11.74	46.60	30.19	8.55	8.00	5.7	3.407	95.4	0.9	0.3	0.2
750	4/4/2014 5:16:04	11.67	46.90	30.40	8.56	8.00	6.4	3.329	95.5	1.2	0.4	0.3
751	4/4/2014 5:31:04	11.66	46.98	30.45	8.56	8.00	6.6	3.224	95.4	1.2	0.4	0.3
752	4/4/2014 5:46:04	11.85	46.64	30.22	8.57	8.00	7.9	3.119	95.8	1.6	0.6	0.4
753	4/4/2014 6:01:03	12.09	45.96	29.74	8.58	8.00	8.0	3.021	96.2	1.8	0.6	0.4
754	4/4/2014 6:16:04	12.13	45.82	29.64	8.59	8.00	6.6	2.920	96.2	1.8	0.6	0.4
755	4/4/2014 6:31:04	12.16	45.79	29.62	8.54	8.00	7.3	2.803	95.8	1.4	0.5	0.3
756	4/4/2014 6:46:04	12.04	45.98	29.76	8.49	7.99	6.4	2.699	95.1	1.8	0.6	0.4
757	4/4/2014 7:01:04	11.94	46.17	29.89	8.45	7.99	6.9	2.584	94.5	1.6	0.6	0.4
758	4/4/2014 7:16:03	12.24	45.67	29.54	8.44	7.99	7.3	2.492	94.7	1.0	0.4	0.2
759	4/4/2014 7:31:04	12.11	45.83	29.65	8.40	7.98	6.5	2.363	94.1	1.3	0.5	0.3
760	4/4/2014 7:46:04	12.16	45.71	29.57	8.35	7.97	5.7	2.255	93.7	1.4	0.5	0.3
761	4/4/2014 8:01:04	12.19	45.61	29.50	8.27	7.97	6.2	2.129	92.7	1.7	0.6	0.4
762	4/4/2014 8:16:04	12.42	45.28	29.27	8.31	7.97	6.0	2.025	93.5	2.4	0.8	0.6
763	4/4/2014 8:31:04	12.35	45.43	29.37	8.25	7.96	5.8	1.911	92.8	1.8	0.6	0.4
764	4/4/2014 8:46:03	12.44	45.26	29.25	8.23	7.96	5.9	1.794	92.6	1.9	0.7	0.4
765	4/4/2014 9:01:04	12.56	45.04	29.10	8.26	7.96	6.1	1.711	93.1	1.7	0.6	0.4
766	4/4/2014 9:16:04	12.65	44.94	29.03	8.24	7.96	6.7	1.629	93.1	2.0	0.7	0.5
767	4/4/2014 9:31:03	12.76	44.81	28.94	8.23	7.96	5.6	1.567	93.1	2.1	0.7	0.5
768	4/4/2014 9:46:03	12.76	44.80	28.94	8.22	7.96	4.7	1.510	92.9	2.1	0.7	0.5
769	4/4/2014 10:01:03	12.78	44.78	28.92	8.17	7.96	4.1	1.505	92.4	1.8	0.6	0.4
770	4/4/2014 10:16:03	12.77	44.81	28.94	8.31	7.96	5.9	1.520	94.0	2.0	0.7	0.5
771	4/4/2014 10:31:03	12.77	44.85	28.97	8.31	7.96	5.1	1.510	94.0	1.7	0.6	0.4
772	4/4/2014 10:46:04	12.72	44.86	28.98	8.31	7.96	5.1	1.575	93.9	1.9	0.7	0.4
773	4/4/2014 11:01:04	12.72	44.92	29.02	8.29	7.96	5.8	1.645	93.7	2.0	0.7	0.5
774	4/4/2014 11:16:04	12.80	44.94	29.03	8.31	7.97	5.0	1.703	94.1	2.7	0.9	0.6
775	4/4/2014 11:31:03	12.94	44.15	28.47	8.39	7.96	6.5	1.770	95.0	2.3	0.8	0.5
776	4/4/2014 11:46:04	12.90	44.02	28.38	8.42	7.96	6.4	1.834	95.1	2.3	0.8	0.6
777	4/4/2014 12:01:03	12.80	44.34	28.61	8.34	7.96	5.6	1.938	94.2	2.0	0.7	0.5
778	4/4/2014 12:16:03	12.82	44.29	28.57	8.35	7.96	5.3	1.988	94.4	1.9	0.7	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
779	4/4/2014 12:31:03	12.77	44.56	28.76	8.34	7.96	5.1	2.075	94.2	1.3	0.5	0.3
780	4/4/2014 12:46:04	12.74	44.63	28.81	8.39	7.97	5.6	2.163	94.8	1.6	0.6	0.4
781	4/4/2014 13:01:04	12.76	44.94	29.03	8.42	7.97	5.0	2.233	95.3	2.0	0.7	0.5
782	4/4/2014 13:16:03	12.76	45.16	29.20	8.46	7.97	5.1	2.323	95.8	1.9	0.7	0.4
783	4/4/2014 13:31:03	12.30	45.83	29.66	8.44	7.97	5.2	2.391	95.0	1.6	0.6	0.4
784	4/4/2014 13:46:04	12.38	45.93	29.73	8.49	7.98	5.2	2.477	95.7	1.4	0.5	0.3
785	4/4/2014 14:01:04	12.45	46.04	29.81	8.53	7.99	4.9	2.556	96.4	1.9	0.7	0.4
786	4/4/2014 14:16:04	12.33	46.11	29.86	8.49	7.98	5.0	2.628	95.7	1.5	0.5	0.4
787	4/4/2014 14:31:04	12.30	46.16	29.89	8.48	7.98	5.4	2.711	95.5	1.6	0.6	0.4
788	4/4/2014 14:46:04	12.33	46.23	29.95	8.48	7.99	5.1	2.787	95.6	1.6	0.6	0.4
789	4/4/2014 15:01:04	12.44	46.20	29.93	8.50	7.99	5.4	2.847	96.1	1.9	0.7	0.4
790	4/4/2014 15:16:04	12.24	46.39	30.06	8.52	7.99	6.2	2.904	95.9	1.0	0.4	0.2
791	4/4/2014 15:31:03	12.16	46.51	30.14	8.57	7.99	6.1	2.980	96.4	1.3	0.5	0.3
792	4/4/2014 15:46:04	12.22	46.59	30.20	8.57	7.99	6.1	3.050	96.6	1.6	0.6	0.4
793	4/4/2014 16:01:04	12.20	46.72	30.29	8.58	7.99	5.1	3.104	96.7	1.3	0.5	0.3
794	4/4/2014 16:16:04	12.08	46.95	30.46	8.59	7.99	4.9	3.158	96.7	1.1	0.4	0.3
795	4/4/2014 16:31:04	11.93	47.19	30.62	8.57	8.00	28.3	3.191	96.2	1.1	0.4	0.3
796	4/4/2014 16:46:04	11.88	47.35	30.73	8.57	8.00	4.0	3.219	96.2	1.0	0.4	0.2
797	4/4/2014 17:01:04	11.87	47.39	30.76	8.49	8.00	3.2	3.231	95.3	1.4	0.5	0.3
798	4/4/2014 17:16:04	11.86	47.45	30.80	8.46	8.00	4.0	3.219	95.0	0.3	0.1	0.1
799	4/4/2014 17:31:04	11.88	47.37	30.74	8.48	8.00	4.7	3.222	95.2	1.3	0.5	0.3
800	4/4/2014 17:46:04	12.09	47.04	30.51	8.51	8.00	3.8	3.191	95.8	1.2	0.4	0.3
801	4/4/2014 18:01:04	12.52	46.63	30.24	8.58	8.00	5.6	3.133	97.4	1.7	0.6	0.4
802	4/4/2014 18:16:04	12.49	46.53	30.17	8.54	8.00	6.7	3.087	96.8	2.0	0.7	0.5
803	4/4/2014 18:31:04	12.59	46.58	30.21	8.74	8.02	5.6	3.024	99.3	1.0	0.4	0.2
804	4/4/2014 18:46:04	12.56	46.55	30.18	8.72	8.02	5.5	2.945	99.0	1.5	0.5	0.4
805	4/4/2014 19:01:04	12.90	46.08	29.86	8.76	8.02	5.5	2.878	100.0	1.9	0.7	0.5
806	4/4/2014 19:16:03	12.92	46.04	29.83	8.72	8.01	4.9	2.810	99.5	1.6	0.6	0.4
807	4/4/2014 19:31:03	13.06	45.92	29.75	8.81	8.02	5.1	2.751	100.8	1.7	0.6	0.4
808	4/4/2014 19:46:03	13.10	45.84	29.69	8.82	8.02	4.8	2.698	100.9	1.3	0.5	0.3
809	4/4/2014 20:01:03	13.03	45.77	29.64	8.84	8.03	5.0	2.615	101.0	1.6	0.6	0.4
810	4/4/2014 20:16:03	13.25	45.40	29.38	8.87	8.02	4.8	2.571	101.6	2.4	0.8	0.6
811	4/4/2014 20:31:03	13.13	45.44	29.41	8.83	8.02	5.9	2.524	100.9	1.9	0.7	0.5
812	4/4/2014 20:46:03	13.33	45.09	29.16	8.86	8.02	4.5	2.475	101.6	2.1	0.7	0.5
813	4/4/2014 21:01:03	13.33	45.04	29.13	8.80	8.02	4.3	2.437	100.9	1.4	0.5	0.3
814	4/4/2014 21:16:03	13.28	45.07	29.15	8.75	8.02	4.3	2.412	100.2	2.1	0.7	0.5
815	4/4/2014 21:31:04	13.28	45.07	29.14	8.71	8.01	6.2	2.391	99.8	1.7	0.6	0.4
816	4/4/2014 21:46:04	13.30	45.08	29.15	8.33	7.99	3.9	2.368	95.4	1.6	0.6	0.4
817	4/4/2014 22:01:04	13.22	45.21	29.24	8.65	8.01	4.4	2.370	99.0	1.8	0.6	0.4
818	4/4/2014 22:16:03	13.35	44.83	28.97	8.78	8.02	4.3	2.359	100.5	1.6	0.6	0.4
819	4/4/2014 22:31:04	13.34	44.77	28.93	8.89	8.02	3.9	2.385	101.8	1.4	0.5	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
820	4/4/2014 22:46:03	13.25	45.15	29.20	8.75	8.01	4.8	2.416	100.1	2.2	0.8	0.5
821	4/4/2014 23:01:03	13.21	45.38	29.37	8.78	8.01	5.4	2.461	100.6	2.1	0.7	0.5
822	4/4/2014 23:16:03	13.21	45.25	29.27	8.83	8.01	5.3	2.499	101.0	1.6	0.6	0.4
823	4/4/2014 23:31:03	13.37	45.00	29.10	9.11	8.04	5.1	2.565	104.4	1.7	0.6	0.4
824	4/4/2014 23:46:03	13.13	45.59	29.51	8.78	8.01	4.6	2.616	100.4	1.5	0.5	0.4
825	4/5/2014 0:01:03	13.10	45.68	29.58	8.82	8.01	5.4	2.677	100.9	1.8	0.6	0.4
826	4/5/2014 0:16:04	12.92	46.00	29.80	8.77	8.01	5.3	2.726	100.1	1.7	0.6	0.4
827	4/5/2014 0:31:04	12.93	45.86	29.70	8.88	8.03	4.5	2.779	101.3	2.0	0.7	0.5
828	4/5/2014 0:46:03	12.65	46.34	30.04	8.72	8.01	4.3	2.862	99.1	1.4	0.5	0.3
829	4/5/2014 1:01:03	12.53	46.48	30.13	8.75	8.01	4.5	2.911	99.2	1.4	0.5	0.3
830	4/5/2014 1:16:03	12.43	46.58	30.20	8.76	8.01	4.1	2.969	99.2	1.2	0.4	0.3
831	4/5/2014 1:31:04	12.27	46.96	30.47	8.72	8.01	3.9	3.042	98.6	1.4	0.5	0.3
832	4/5/2014 1:46:04	12.19	47.17	30.61	8.70	8.01	3.7	3.123	98.2	1.5	0.5	0.4
833	4/5/2014 2:01:04	12.02	47.60	30.92	8.65	8.01	5.4	3.188	97.5	1.1	0.4	0.3
834	4/5/2014 2:16:04	11.96	47.75	31.02	8.65	8.01	4.2	3.229	97.5	1.1	0.4	0.3
835	4/5/2014 2:31:04	11.92	47.81	31.07	8.66	8.01	4.4	3.301	97.5	1.4	0.5	0.3
836	4/5/2014 2:46:04	11.88	47.88	31.11	8.67	8.02	4.1	3.366	97.6	1.3	0.5	0.3
837	4/5/2014 3:01:04	11.83	48.03	31.22	8.68	8.02	4.8	3.420	97.6	0.8	0.3	0.2
838	4/5/2014 3:16:04	11.78	48.19	31.33	8.67	8.02	22.0	3.446	97.6	1.0	0.4	0.2
839	4/5/2014 3:31:04	11.76	48.24	31.37	8.68	8.02	4.2	3.500	97.6	1.1	0.4	0.3
840	4/5/2014 3:46:04	11.74	48.28	31.40	8.67	8.02	3.9	3.529	97.5	1.6	0.6	0.4
841	4/5/2014 4:01:04	11.73	48.33	31.43	8.63	8.02	3.6	3.537	97.0	1.0	0.4	0.2
842	4/5/2014 4:16:04	11.78	48.23	31.36	8.47	8.01	3.5	3.539	95.2	0.9	0.3	0.2
843	4/5/2014 4:31:04	11.81	48.16	31.31	8.57	8.02	4.5	3.541	96.4	1.2	0.4	0.3
844	4/5/2014 4:46:04	12.21	46.87	30.40	8.44	8.00	5.0	3.520	95.2	1.2	0.4	0.3
845	4/5/2014 5:01:04	11.97	47.24	30.66	8.57	8.01	4.5	3.461	96.3	1.1	0.4	0.3
846	4/5/2014 5:16:04	12.05	47.20	30.63	8.47	8.00	4.7	3.420	95.3	1.2	0.4	0.3
847	4/5/2014 5:31:04	12.14	47.04	30.52	8.40	8.00	5.6	3.354	94.7	1.1	0.4	0.3
848	4/5/2014 5:46:04	12.16	46.96	30.46	8.41	8.00	6.4	3.278	94.8	1.6	0.6	0.4
849	4/5/2014 6:01:04	12.06	47.23	30.65	8.52	8.01	5.3	3.191	96.0	0.7	0.2	0.2
850	4/5/2014 6:16:04	12.28	46.71	30.29	8.48	8.00	6.7	3.102	95.8	1.3	0.5	0.3
851	4/5/2014 6:31:04	12.33	46.62	30.22	8.29	7.98	5.7	3.034	93.6	1.4	0.5	0.3
852	4/5/2014 6:46:04	12.34	46.49	30.13	8.28	7.98	5.8	2.939	93.5	1.4	0.5	0.3
853	4/5/2014 7:01:04	12.43	46.34	30.03	8.27	7.98	5.8	2.833	93.5	1.5	0.5	0.4
854	4/5/2014 7:16:04	12.43	46.33	30.02	8.26	7.98	5.5	2.753	93.4	2.2	0.8	0.5
855	4/5/2014 7:31:04	12.56	46.10	29.86	8.25	7.98	6.1	2.657	93.4	1.4	0.5	0.3
856	4/5/2014 7:46:04	12.57	46.06	29.83	8.31	7.98	5.1	2.553	94.1	1.3	0.5	0.3
857	4/5/2014 8:01:04	12.64	45.88	29.71	8.26	7.98	5.4	2.456	93.6	2.1	0.7	0.5
858	4/5/2014 8:16:04	12.78	45.67	29.56	8.38	7.99	5.4	2.357	95.1	1.9	0.7	0.4
859	4/5/2014 8:31:04	12.84	45.59	29.50	8.32	7.99	5.3	2.249	94.5	1.8	0.6	0.4
860	4/5/2014 8:46:04	12.86	45.55	29.48	8.44	8.00	5.3	2.147	96.0	1.8	0.6	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
861	4/5/2014 9:01:04	12.98	45.48	29.43	8.48	8.00	4.8	2.047	96.6	1.8	0.6	0.4
862	4/5/2014 9:16:03	13.20	45.19	29.23	8.49	8.01	5.4	1.948	97.0	1.6	0.6	0.4
863	4/5/2014 9:31:03	13.26	45.30	29.31	8.48	8.01	4.5	1.863	97.2	1.6	0.6	0.4
864	4/5/2014 9:46:03	13.44	45.16	29.22	8.48	8.01	4.7	1.757	97.4	2.2	0.8	0.5
865	4/5/2014 10:01:03	13.56	44.96	29.07	8.40	8.01	4.6	1.714	96.6	1.5	0.5	0.4
866	4/5/2014 10:16:03	13.60	44.97	29.08	8.32	8.00	4.1	1.663	95.8	1.8	0.6	0.4
867	4/5/2014 10:31:03	13.60	44.96	29.08	8.23	7.99	4.2	1.605	94.8	1.7	0.6	0.4
868	4/5/2014 10:46:03	13.65	44.96	29.08	8.02	7.98	2.7	1.584	92.4	1.0	0.4	0.2
869	4/5/2014 11:01:04	13.49	45.01	29.11	8.29	7.99	3.9	1.597	95.3	1.9	0.7	0.5
870	4/5/2014 11:16:04	13.58	45.07	29.15	8.42	8.00	4.1	1.612	97.0	1.9	0.7	0.4
871	4/5/2014 11:31:03	13.55	45.09	29.17	8.37	8.00	4.0	1.630	96.4			
872	4/5/2014 11:46:03	13.62	45.10	29.18	8.44	8.00	3.9	1.686	97.3			
873	4/5/2014 12:01:03	13.56	45.09	29.16	8.40	8.00	3.6	1.728	96.7			
874	4/5/2014 12:16:03	13.86	44.52	28.77	8.45	8.00	4.8	1.787	97.7			
875	4/5/2014 12:31:04	13.66	44.54	28.78	8.41	7.99	4.7	1.853	96.8			
876	4/5/2014 12:46:03	13.56	44.32	28.62	8.43	8.00	5.2	1.909	96.7			
877	4/5/2014 13:01:03	13.54	44.38	28.66	8.40	7.99	5.0	1.990	96.4	2.0	0.7	0.5
878	4/5/2014 13:16:03	13.42	44.69	28.88	8.33	7.98	4.5	2.056	95.4	2.1	0.7	0.5
879	4/5/2014 13:31:03	13.36	44.78	28.94	8.30	7.98	4.3	2.109	95.0	1.2	0.4	0.3
880	4/5/2014 13:46:04	13.34	44.83	28.97	8.35	7.99	4.8	2.196	95.6	1.7	0.6	0.4
881	4/5/2014 14:01:03	13.29	45.03	29.11	8.32	7.99	4.3	2.258	95.3	1.6	0.6	0.4
882	4/5/2014 14:16:04	13.44	45.07	29.15	8.44	7.99	6.7	2.334	97.0	2.2	0.8	0.5
883	4/5/2014 14:31:03	13.26	45.54	29.48	8.42	7.99	4.0	2.399	96.5	1.8	0.6	0.4
884	4/5/2014 14:46:04	12.88	45.93	29.75	8.41	7.99	5.0	2.468	95.8	1.5	0.5	0.3
885	4/5/2014 15:01:04	12.87	46.01	29.80	8.41	7.99	4.7	2.547	95.9	1.3	0.5	0.3
886	4/5/2014 15:16:03	12.81	46.12	29.88	8.40	7.99	4.3	2.607	95.7	1.4	0.5	0.3
887	4/5/2014 15:31:03	12.76	46.13	29.89	8.44	7.99	4.3	2.659	96.0	1.4	0.5	0.3
888	4/5/2014 15:46:03	12.75	46.23	29.96	8.45	7.99	4.2	2.731	96.2	1.8	0.6	0.4
889	4/5/2014 16:01:04	12.73	46.31	30.02	8.45	7.99	4.2	2.796	96.1	1.4	0.5	0.3
890	4/5/2014 16:16:04	12.68	46.37	30.06	8.42	7.99	11.9	2.830	95.7	1.0	0.4	0.2
891	4/5/2014 16:31:04	12.62	46.55	30.19	8.42	7.99	8.2	2.901	95.7	0.9	0.3	0.2
892	4/5/2014 16:46:04	12.63	46.63	30.24	8.45	7.99	3.9	2.943	96.1	1.2	0.4	0.3
893	4/5/2014 17:01:04	12.70	46.66	30.27	8.46	8.00	4.3	2.992	96.4	1.9	0.7	0.5
894	4/5/2014 17:16:04	12.72	46.72	30.31	8.47	8.00	3.2	3.026	96.5	1.3	0.5	0.3
895	4/5/2014 17:31:03	12.71	46.77	30.35	8.48	8.00	3.7	3.066	96.6	1.4	0.5	0.3
896	4/5/2014 17:46:04	12.73	46.85	30.41	8.43	7.99	3.2	3.091	96.2	1.5	0.5	0.4
897	4/5/2014 18:01:03	12.85	46.68	30.29	8.36	7.99	16.5	3.097	95.5	1.4	0.5	0.3
898	4/5/2014 18:16:03	12.71	46.86	30.41	8.39	7.99	3.2	3.104	95.7	0.9	0.3	0.2
899	4/5/2014 18:31:03	12.71	46.85	30.41	8.42	7.99	3.8	3.087	96.0	1.4	0.5	0.3
900	4/5/2014 18:46:04	12.76	46.77	30.35	8.41	7.99	3.6	3.066	95.9	1.3	0.5	0.3
901	4/5/2014 19:01:03	12.78	46.68	30.28	8.40	7.99	3.5	3.026	95.8	1.0	0.4	0.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
902	4/5/2014 19:16:03	13.41	46.15	29.93	8.62	8.02	5.1	2.981	99.4	1.5	0.5	0.4
903	4/5/2014 19:31:04	13.21	46.27	30.00	8.60	8.02	5.3	2.916	98.8	0.9	0.3	0.2
904	4/5/2014 19:46:04	13.10	46.37	30.07	8.60	8.02	5.0	2.869	98.6	1.2	0.4	0.3
905	4/5/2014 20:01:03	13.33	46.17	29.94	8.70	8.03	4.0	2.813	100.2	1.1	0.4	0.2
906	4/5/2014 20:16:03	13.37	46.09	29.88	8.71	8.04	4.3	2.768	100.3	2.2	0.8	0.5
907	4/5/2014 20:31:03	13.46	46.02	29.83	8.68	8.03	3.7	2.715	100.2	1.6	0.6	0.4
908	4/5/2014 20:46:03	13.50	45.97	29.80	8.64	8.03	3.7	2.676	99.8	1.7	0.6	0.4
909	4/5/2014 21:01:03	13.48	45.88	29.73	8.61	8.03	4.2	2.634	99.4	2.0	0.7	0.5
910	4/5/2014 21:16:03	13.52	45.81	29.69	8.55	8.03	3.6	2.595	98.6	1.8	0.6	0.4
911	4/5/2014 21:31:03	13.63	45.57	29.51	8.60	8.02	4.4	2.550	99.4	1.5	0.5	0.4
912	4/5/2014 21:46:03	13.58	45.60	29.53	8.54	8.02	4.2	2.529	98.6	1.6	0.6	0.4
913	4/5/2014 22:01:03	13.66	45.41	29.40	8.42	8.01	3.1	2.497	97.4	2.3	0.8	0.5
914	4/5/2014 22:16:03	13.70	45.30	29.32	8.34	8.01	2.5	2.476	96.4	1.6	0.6	0.4
915	4/5/2014 22:31:04	13.56	45.54	29.49	8.34	8.00	3.1	2.465	96.2	1.2	0.4	0.3
916	4/5/2014 22:46:03	13.62	45.46	29.44	7.94	7.99	3.7	2.456	91.7	1.9	0.7	0.4
917	4/5/2014 23:01:03	13.70	45.31	29.33	8.55	8.01	3.7	2.462	98.9	2.3	0.8	0.5
918	4/5/2014 23:16:03	13.67	45.21	29.26	8.54	8.01	4.0	2.461	98.6	1.7	0.6	0.4
919	4/5/2014 23:31:03	13.63	45.48	29.45	8.57	8.01	5.5	2.490	99.1	1.9	0.7	0.4
920	4/5/2014 23:46:04	13.53	45.72	29.62	8.50	8.00	4.4	2.493	98.1	2.1	0.7	0.5
921	4/6/2014 0:01:03	13.57	45.65	29.57	8.51	8.01	4.8	2.536	98.2	1.5	0.5	0.4
922	4/6/2014 0:16:03	13.59	45.64	29.57	8.59	8.01	4.5	2.577	99.2	1.7	0.6	0.4
923	4/6/2014 0:31:03	13.59	45.51	29.47	8.62	8.01	3.9	2.613	99.5	2.0	0.7	0.5
924	4/6/2014 0:46:03	13.40	45.91	29.75	8.53	8.00	4.3	2.659	98.2	1.7	0.6	0.4
925	4/6/2014 1:01:04	13.41	45.91	29.75	8.63	8.01	3.9	2.706	99.4	1.3	0.5	0.3
926	4/6/2014 1:16:03	13.33	46.03	29.84	8.60	8.01	4.2	2.767	99.0	1.8	0.6	0.4
927	4/6/2014 1:31:03	13.30	46.13	29.91	8.63	8.01	4.0	2.806	99.3	1.4	0.5	0.3
928	4/6/2014 1:46:04	13.25	46.22	29.97	8.64	8.01	3.8	2.865	99.3	0.8	0.3	0.2
929	4/6/2014 2:01:03	13.20	46.20	29.95	8.70	8.02	3.6	2.917	99.9	1.4	0.5	0.3
930	4/6/2014 2:16:03	13.05	46.38	30.08	8.66	8.01	3.6	2.971	99.2	1.6	0.6	0.4
931	4/6/2014 2:31:04	12.95	46.58	30.22	8.63	8.01	3.4	3.012	98.8	1.2	0.4	0.3
932	4/6/2014 2:46:04	12.94	46.61	30.24	8.60	8.01	3.4	3.069	98.4	1.3	0.5	0.3
933	4/6/2014 3:01:04	12.93	46.62	30.25	8.60	8.01	3.5	3.122	98.4	1.7	0.6	0.4
934	4/6/2014 3:16:04	12.80	46.97	30.49	8.58	8.01	3.0	3.172	98.0	1.6	0.6	0.4
935	4/6/2014 3:31:04	12.76	47.01	30.53	8.56	8.01	3.1	3.225	97.8	1.3	0.5	0.3
936	4/6/2014 3:46:03	12.61	47.29	30.72	8.57	8.01	3.2	3.264	97.7	1.1	0.4	0.3
937	4/6/2014 4:01:04	12.42	47.62	30.95	8.61	8.01	3.2	3.313	98.0	0.8	0.3	0.2
938	4/6/2014 4:16:04	12.35	47.87	31.13	8.56	8.01	3.7	3.345	97.3	0.8	0.3	0.2
939	4/6/2014 4:31:04	12.32	47.95	31.19	8.49	8.01	3.2	3.365	96.5	1.2	0.4	0.3
940	4/6/2014 4:46:04	12.35	47.85	31.11	8.43	8.01	4.7	3.388	95.8	0.8	0.3	0.2
941	4/6/2014 5:01:03	12.35	47.74	31.04	8.45	8.01	3.0	3.392	96.0	1.3	0.5	0.3
942	4/6/2014 5:16:03	12.33	47.97	31.20	8.37	8.01	4.6	3.387	95.2	0.8	0.3	0.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
943	4/6/2014 5:31:04	12.32	48.02	31.23	8.46	8.01	4.0	3.376	96.2	1.1	0.4	0.3
944	4/6/2014 5:46:04	12.37	47.93	31.17	8.45	8.01	4.1	3.336	96.1	1.1	0.4	0.3
945	4/6/2014 6:01:04	12.56	47.40	30.80	8.42	8.01	4.1	3.290	95.9	1.7	0.6	0.4
946	4/6/2014 6:16:04	12.72	46.85	30.41	8.31	8.00	4.4	3.243	94.8	0.9	0.3	0.2
947	4/6/2014 6:31:03	12.84	46.52	30.17	8.22	7.99	6.0	3.181	93.8	1.4	0.5	0.3
948	4/6/2014 6:46:04	12.77	46.79	30.36	8.30	8.00	4.8	3.120	94.8	1.4	0.5	0.3
949	4/6/2014 7:01:03	12.93	46.36	30.06	8.18	7.98	5.6	3.032	93.5	1.2	0.4	0.3
950	4/6/2014 7:16:03	13.00	46.28	30.01	8.13	7.98	7.2	2.969	93.0	1.2	0.4	0.3
951	4/6/2014 7:31:03	13.06	46.23	29.97	8.12	7.98	4.7	2.897	93.0	1.4	0.5	0.3
952	4/6/2014 7:46:04	13.04	46.28	30.01	8.08	7.97	3.9	2.824	92.5	1.1	0.4	0.3
953	4/6/2014 8:01:03	13.09	46.14	29.91	8.03	7.97	4.0	2.732	92.0	1.1	0.4	0.3
954	4/6/2014 8:16:03	13.17	46.09	29.87	8.12	7.97	4.5	2.656	93.1	1.9	0.7	0.4
955	4/6/2014 8:31:04	13.37	45.85	29.71	8.18	7.98	5.9	2.561	94.2	1.4	0.5	0.3
956	4/6/2014 8:46:03	13.32	45.99	29.80	8.27	7.99	4.1	2.478	95.1	1.5	0.5	0.4
957	4/6/2014 9:01:04	13.36	46.00	29.82	8.38	7.99	3.9	2.390	96.5	1.0	0.4	0.2
958	4/6/2014 9:16:03	13.65	45.69	29.60	8.45	8.01	4.4	2.288	97.7	2.0	0.7	0.5
959	4/6/2014 9:31:03	13.80	45.57	29.52	8.56	8.02	4.5	2.192	99.3	2.0	0.7	0.5
960	4/6/2014 9:46:03	13.96	45.47	29.45	8.65	8.03	4.1	2.114	100.6	1.7	0.6	0.4
961	4/6/2014 10:01:03	14.11	45.32	29.35	8.67	8.03	4.0	2.021	101.0	2.2	0.8	0.5
962	4/6/2014 10:16:03	14.27	45.30	29.34	8.76	8.03	3.9	1.929	102.4	1.7	0.6	0.4
963	4/6/2014 10:31:03	14.36	45.23	29.29	8.76	8.04	3.8	1.866	102.6	1.9	0.7	0.5
964	4/6/2014 10:46:03	14.46	45.20	29.27	8.71	8.03	3.6	1.807	102.2	1.8	0.6	0.4
965	4/6/2014 11:01:03	14.58	45.19	29.27	8.72	8.04	4.0	1.744	102.6	1.7	0.6	0.4
966	4/6/2014 11:16:03	14.66	45.23	29.30	8.72	8.04	3.9	1.709	102.7	1.9	0.7	0.5
967	4/6/2014 11:31:03	14.69	45.15	29.24	8.64	8.03	3.8	1.708	101.9	1.9	0.7	0.5
968	4/6/2014 11:46:03	14.40	45.21	29.28	8.62	8.02	3.9	1.697	101.1	2.1	0.7	0.5
969	4/6/2014 12:01:03	14.08	45.22	29.28	8.34	8.00	3.2	1.678	97.1	1.5	0.5	0.4
970	4/6/2014 12:16:03	14.08	45.24	29.29	8.36	8.00	4.0	1.705	97.4	2.2	0.8	0.5
971	4/6/2014 12:31:03	14.15	45.22	29.28	8.46	8.01	3.3	1.746	98.6	2.1	0.7	0.5
972	4/6/2014 12:46:03	14.40	45.24	29.29	8.60	8.01	3.6	1.765	100.8	2.7	0.9	0.6
973	4/6/2014 13:01:03	14.47	45.25	29.31	8.59	8.02	3.4	1.810	100.9	2.3	0.8	0.5
974	4/6/2014 13:16:03	14.61	45.00	29.13	8.59	8.02	3.5	1.868	101.1	2.0	0.7	0.5
975	4/6/2014 13:31:03	14.46	44.95	29.09	8.54	8.01	3.8	1.912	100.1	1.5	0.5	0.4
976	4/6/2014 13:46:03	14.42	45.05	29.16	8.56	8.01	4.2	1.959	100.3	2.0	0.7	0.5
977	4/6/2014 14:01:03	14.38	44.96	29.10	8.56	8.01	3.6	2.017	100.2	2.1	0.7	0.5
978	4/6/2014 14:16:03	14.24	44.97	29.10	8.53	8.01	4.5	2.082	99.6	2.4	0.8	0.6
979	4/6/2014 14:31:03	14.12	45.13	29.21	8.38	8.00	4.0	2.140	97.7	1.3	0.5	0.3
980	4/6/2014 14:46:04	14.03	45.15	29.23	8.37	8.00	4.2	2.190	97.3	1.5	0.5	0.4
981	4/6/2014 15:01:03	13.92	45.31	29.34	8.36	8.00	3.6	2.263	97.0	1.1	0.4	0.3
982	4/6/2014 15:16:03	13.88	45.45	29.44	8.39	8.00	3.9	2.319	97.4	1.3	0.5	0.3
983	4/6/2014 15:31:03	13.83	45.57	29.52	8.40	8.00	3.7	2.389	97.4	1.7	0.6	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
984	4/6/2014 15:46:03	13.57	45.86	29.72	8.35	7.99	3.7	2.458	96.5	1.6	0.6	0.4
985	4/6/2014 16:01:03	13.58	45.98	29.81	8.32	7.99	3.6	2.510	96.3	1.7	0.6	0.4
986	4/6/2014 16:16:04	13.52	46.11	29.90	8.28	7.99	3.3	2.564	95.7	1.2	0.4	0.3
987	4/6/2014 16:31:03	13.69	46.10	29.90	8.38	7.99	3.2	2.630	97.2	1.4	0.5	0.3
988	4/6/2014 16:46:04	13.37	46.29	30.02	8.36	7.99	3.2	2.688	96.4	1.3	0.5	0.3
989	4/6/2014 17:01:04	13.19	46.51	30.18	8.33	7.99	3.1	2.741	95.8	1.2	0.4	0.3
990	4/6/2014 17:16:04	13.10	46.64	30.27	8.32	7.99	3.4	2.804	95.6	0.7	0.2	0.2
991	4/6/2014 17:31:04	13.08	46.74	30.34	8.34	7.99	3.4	2.856	95.7	0.8	0.3	0.2
992	4/6/2014 17:46:04	13.06	46.84	30.41	8.36	8.00	3.2	2.891	96.0	1.6	0.6	0.4
993	4/6/2014 18:01:04	13.05	46.89	30.45	8.35	8.00	2.8	2.934	95.9	1.4	0.5	0.3
994	4/6/2014 18:16:04	13.05	46.95	30.49	8.37	8.00	2.8	2.977	96.1	1.6	0.6	0.4
995	4/6/2014 18:31:03	13.05	46.93	30.47	8.36	8.00	2.6	2.992	96.0	1.0	0.4	0.2
996	4/6/2014 18:46:03	13.06	46.97	30.51	8.33	8.00	2.6	3.026	95.7	1.3	0.5	0.3
997	4/6/2014 19:01:03	13.12	46.89	30.45	8.22	7.99	3.2	3.024	94.6	1.6	0.6	0.4
998	4/6/2014 19:16:03	13.06	47.00	30.53	8.07	7.99	2.3	3.047	92.8	1.3	0.5	0.3
999	4/6/2014 19:31:04	13.06	47.02	30.54	8.29	7.99	2.3	3.037	95.3	1.5	0.5	0.4
1000	4/6/2014 19:46:04	13.07	46.97	30.51	8.26	7.99	2.8	3.018	94.9	1.1	0.4	0.3
1001	4/6/2014 20:01:04	13.11	46.92	30.47	8.27	7.99	3.1	2.990	95.1	0.8	0.3	0.2
1002	4/6/2014 20:16:04	13.56	46.59	30.25	8.36	8.01	4.2	2.963	96.9	1.6	0.6	0.4
1003	4/6/2014 20:31:03	13.50	46.50	30.18	8.20	8.00	6.1	2.912	94.9	2.2	0.8	0.5
1004	4/6/2014 20:46:03	13.54	46.43	30.13	8.18	7.99	5.4	2.873	94.8	2.3	0.8	0.6
1005	4/6/2014 21:01:03	13.69	46.38	30.10	8.30	8.00	6.4	2.818	96.3	2.3	0.8	0.5
1006	4/6/2014 21:16:04	13.53	46.48	30.16	8.17	7.99	5.6	2.788	94.6	2.3	0.8	0.5
1007	4/6/2014 21:31:04	13.62	46.39	30.11	8.11	7.99	5.4	2.739	94.1	2.2	0.8	0.5
1008	4/6/2014 21:46:03	13.86	46.17	29.96	8.22	8.00	5.6	2.695	95.7	1.9	0.7	0.4
1009	4/6/2014 22:01:03	13.90	46.18	29.96	8.28	8.00	5.0	2.658	96.5	1.7	0.6	0.4
1010	4/6/2014 22:16:03	13.90	46.17	29.95	8.20	8.00	4.5	2.626	95.6	2.0	0.7	0.5
1011	4/6/2014 22:31:03	14.09	45.90	29.76	8.28	8.00	5.2	2.583	96.8	2.0	0.7	0.5
1012	4/6/2014 22:46:03	14.01	45.92	29.78	8.28	8.00	4.3	2.534	96.6	2.1	0.7	0.5
1013	4/6/2014 23:01:03	14.08	45.77	29.67	8.21	8.00	4.5	2.517	95.8	2.2	0.8	0.5
1014	4/6/2014 23:16:03	14.03	45.79	29.68	8.16	7.99	4.7	2.492	95.2	2.5	0.9	0.6
1015	4/6/2014 23:31:03	14.12	45.74	29.65	8.08	7.99	3.9	2.472	94.4	2.1	0.7	0.5
1016	4/6/2014 23:46:03	14.17	45.58	29.53	8.04	7.99	3.6	2.461	94.0	2.6	0.9	0.6
1017	4/7/2014 0:01:03	14.21	45.56	29.52	7.91	7.99	3.4	2.458	92.6	2.2	0.8	0.5
1018	4/7/2014 0:16:03	14.24	45.46	29.45	8.09	7.99	3.2	2.458	94.7	2.2	0.8	0.5
1019	4/7/2014 0:31:03	14.26	45.43	29.43	8.15	7.99	4.3	2.462	95.3	1.9	0.7	0.4
1020	4/7/2014 0:46:03	14.13	45.67	29.60	8.26	7.99	4.0	2.493	96.5	2.2	0.8	0.5
1021	4/7/2014 1:01:03	14.21	45.49	29.47	8.33	8.00	4.7	2.500	97.4	2.3	0.8	0.5
1022	4/7/2014 1:16:03	14.02	45.89	29.75	8.28	7.99	5.1	2.535	96.7	2.1	0.7	0.5
1023	4/7/2014 1:31:03	14.05	45.83	29.72	8.30	7.99	6.7	2.561	96.9	2.1	0.7	0.5
1024	4/7/2014 1:46:03	14.10	45.71	29.63	8.37	8.00	4.1	2.614	97.7	2.3	0.8	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
1025	4/7/2014 2:01:03	14.05	45.75	29.66	8.27	7.99	4.7	2.645	96.5	1.6	0.6	0.4
1026	4/7/2014 2:16:03	13.98	45.98	29.82	8.29	8.00	4.9	2.690	96.6	1.7	0.6	0.4
1027	4/7/2014 2:31:03	14.06	45.92	29.78	8.42	8.01	4.0	2.741	98.3	2.1	0.7	0.5
1028	4/7/2014 2:46:03	13.92	46.10	29.90	8.42	8.01	4.2	2.784	98.2	2.7	0.9	0.6
1029	4/7/2014 3:01:03	13.79	46.30	30.05	8.37	8.00	3.7	2.837	97.4	2.1	0.7	0.5
1030	4/7/2014 3:16:04	13.73	46.38	30.10	8.39	8.00	3.6	2.876	97.5	2.0	0.7	0.5
1031	4/7/2014 3:31:03	13.73	46.33	30.06	8.42	8.01	3.6	2.939	97.8	1.7	0.6	0.4
1032	4/7/2014 3:46:04	13.60	46.61	30.26	8.45	8.01	3.6	2.972	98.0	1.4	0.5	0.3
1033	4/7/2014 4:01:04	13.44	46.82	30.41	8.46	8.01	3.5	3.014	97.9	1.4	0.5	0.3
1034	4/7/2014 4:16:04	13.33	46.98	30.52	8.43	8.01	3.2	3.049	97.4	1.9	0.7	0.4
1035	4/7/2014 4:31:03	13.23	47.12	30.62	8.42	8.01	3.8	3.110	97.2	1.4	0.5	0.3
1036	4/7/2014 4:46:03	13.14	47.30	30.74	8.42	8.01	3.2	3.134	97.1	1.9	0.7	0.4
1037	4/7/2014 5:01:04	13.01	47.49	30.88	8.44	8.01	2.8	3.160	97.1	1.7	0.6	0.4
1038	4/7/2014 5:16:03	12.93	47.66	31.00	8.42	8.01	2.3	3.200	96.8	1.1	0.4	0.3
1039	4/7/2014 5:31:04	12.91	47.70	31.02	8.43	8.01	2.8	3.214	96.8	1.5	0.5	0.4
1040	4/7/2014 5:46:04	12.90	47.73	31.04	8.26	8.00	2.1	3.227	94.9	0.8	0.3	0.2
1041	4/7/2014 6:01:04	12.95	47.66	31.00	8.07	8.00	2.8	3.223	92.8	1.0	0.4	0.2
1042	4/7/2014 6:16:04	13.05	47.50	30.89	8.04	7.99	2.6	3.240	92.6	1.1	0.4	0.2
1043	4/7/2014 6:31:04	12.98	47.60	30.96	8.22	8.00	3.1	3.224	94.6	1.5	0.5	0.4
1044	4/7/2014 6:46:04	13.00	47.58	30.94	8.29	8.00	3.6	3.190	95.4	1.4	0.5	0.3
1045	4/7/2014 7:01:04	13.10	47.33	30.77	8.31	8.00	3.8	3.165	95.7	1.2	0.4	0.3
1046	4/7/2014 7:16:04	13.35	46.90	30.46	8.25	8.00	5.1	3.117	95.4	1.3	0.5	0.3
1047	4/7/2014 7:31:04	13.58	46.46	30.15	8.14	7.99	4.7	3.059	94.3	1.2	0.4	0.3
1048	4/7/2014 7:46:04	13.52	46.51	30.19	8.18	8.00	5.7	3.001	94.7	1.8	0.6	0.4
1049	4/7/2014 8:01:04	13.53	46.53	30.20	8.17	7.99	8.1	2.933	94.7	1.4	0.5	0.3
1050	4/7/2014 8:16:04	13.56	46.55	30.22	8.10	7.99	4.4	2.879	93.9	1.7	0.6	0.4
1051	4/7/2014 8:31:04	13.70	46.30	30.05	7.92	7.97	4.7	2.803	91.9	1.5	0.5	0.4
1052	4/7/2014 8:46:03	13.76	46.15	29.94	7.87	7.97	6.2	2.732	91.5	1.5	0.5	0.3
1053	4/7/2014 9:01:03	13.74	46.22	29.99	8.03	7.98	4.3	2.668	93.2	1.7	0.6	0.4
1054	4/7/2014 9:16:03	13.87	46.05	29.87	8.09	7.98	4.0	2.594	94.2	2.0	0.7	0.5
1055	4/7/2014 9:31:03	13.96	45.99	29.82	8.12	7.99	4.8	2.514	94.6	1.8	0.6	0.4
1056	4/7/2014 9:46:03	14.23	45.67	29.60	8.04	7.98	4.5	2.437	94.1	2.4	0.8	0.6
1057	4/7/2014 10:01:03	14.25	45.71	29.63	8.10	7.99	11.5	2.371	94.9	2.2	0.8	0.5
1058	4/7/2014 10:16:03	14.36	45.66	29.60	8.13	8.00	4.3	2.271	95.4	2.5	0.9	0.6
1059	4/7/2014 10:31:03	14.38	45.73	29.65	8.24	8.00		2.188	96.8	2.5	0.9	0.6
1060	4/7/2014 10:46:03	14.68	45.43	29.44	8.11	8.00	5.0	2.110	95.7	2.0	0.7	0.5
1061	4/7/2014 11:01:03	14.75	45.53	29.51	8.25	8.02	4.5	2.032	97.6	2.2	0.8	0.5
1062	4/7/2014 11:16:03	14.91	45.43	29.45	8.26	8.03	4.1	1.952	98.0	2.3	0.8	0.5
1063	4/7/2014 11:31:03	15.04	45.31	29.36	8.25	8.03	4.6	1.900	98.0	2.7	0.9	0.6
1064	4/7/2014 11:46:03	15.14	45.32	29.37	8.26	8.03	3.7	1.844	98.3	3.0	1.1	0.7
1065	4/7/2014 12:01:03	15.18	45.28	29.34	8.18	8.03	4.0	1.787	97.5	2.7	0.9	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
1066	4/7/2014 12:16:03	15.19	45.27	29.34	8.15	8.03	3.6	1.766	97.1	2.5	0.9	0.6
1067	4/7/2014 12:31:03	15.31	45.16	29.26	7.99	8.02	2.6	1.737	95.3	1.9	0.7	0.4
1068	4/7/2014 12:46:03	15.15	45.31	29.36	8.21	8.02	3.1	1.727	97.8	2.4	0.8	0.6
1069	4/7/2014 13:01:03	15.00	45.30	29.35	8.12	8.01	3.4	1.730	96.4	2.5	0.9	0.6
1070	4/7/2014 13:16:03	14.92	45.37	29.40	8.09	8.00	3.6	1.739	95.9	2.2	0.8	0.5
1071	4/7/2014 13:31:03	15.04	45.28	29.34	8.21	8.01	3.4	1.770	97.6	2.8	1.0	0.7
1072	4/7/2014 13:46:03	15.06	45.38	29.41	8.17	8.01	3.6	1.798	97.1	2.1	0.7	0.5
1073	4/7/2014 14:01:03	14.93	45.42	29.44	8.12	8.00	3.5	1.830	96.3	2.2	0.8	0.5
1074	4/7/2014 14:16:03	14.85	45.43	29.44	8.09	7.99	3.3	1.871	95.8	2.5	0.9	0.6
1075	4/7/2014 14:31:03	15.23	45.17	29.27	8.18	8.01	3.2	1.909	97.5	2.1	0.7	0.5
1076	4/7/2014 14:46:03	14.93	45.38	29.41	8.02	7.99	3.1	1.955	95.1	1.6	0.6	0.4
1077	4/7/2014 15:01:03	14.98	45.27	29.33	8.01	7.99	3.2	2.000	95.1	1.6	0.6	0.4
1078	4/7/2014 15:16:03	14.88	45.32	29.36	8.02	7.99	3.6	2.047	95.0	2.0	0.7	0.5
1079	4/7/2014 15:31:04	14.69	45.43	29.44	7.92	7.98	3.1	2.112	93.5	1.5	0.5	0.4
1080	4/7/2014 15:46:03	14.57	45.47	29.46	7.84	7.98	3.2	2.165	92.4	1.2	0.4	0.3
1081	4/7/2014 16:01:03	14.52	45.46	29.46	7.92	7.98	3.2	2.221	93.2	2.4	0.8	0.6
1082	4/7/2014 16:16:03	14.32	45.68	29.61	7.98	7.98	3.7	2.289	93.6	1.4	0.5	0.3
1083	4/7/2014 16:31:03	14.19	45.88	29.75	8.18	7.99	3.6	2.342	95.8	1.8	0.6	0.4
1084	4/7/2014 16:46:03	14.13	46.01	29.85	8.26	8.00	3.7	2.415	96.7	1.8	0.6	0.4
1085	4/7/2014 17:01:03	13.98	46.15	29.94	8.21	7.99	3.4	2.475	95.9	1.1	0.4	0.3
1086	4/7/2014 17:16:03	13.89	46.32	30.07	8.17	7.99	3.5	2.528	95.3	1.0	0.4	0.2
1087	4/7/2014 17:31:04	13.95	46.34	30.08	8.18	7.99	3.4	2.593	95.5	1.6	0.6	0.4
1088	4/7/2014 17:46:04	13.71	46.57	30.24	8.11	7.99	3.2	2.647	94.3	1.2	0.4	0.3
1089	4/7/2014 18:01:03	14.00	46.35	30.08	8.25	8.00	3.3	2.713	96.4	1.3	0.5	0.3
1090	4/7/2014 18:16:04	13.95	46.50	30.19	8.27	8.00	3.1	2.754	96.6	2.4	0.8	0.6
1091	4/7/2014 18:31:03	13.80	46.58	30.25	8.28	8.00	3.1	2.805	96.4	1.8	0.6	0.4
1092	4/7/2014 18:46:03	13.66	46.78	30.39	8.30	8.00	2.8	2.853	96.5	1.8	0.6	0.4
1093	4/7/2014 19:01:03	13.53	46.87	30.45	8.30	8.00	2.6	2.895	96.3	1.1	0.4	0.3
1094	4/7/2014 19:16:03	13.37	47.07	30.59	8.24	7.99	2.9	2.932	95.4	2.1	0.7	0.5
1095	4/7/2014 19:31:04	13.37	47.08	30.60	8.24	7.99	2.8	2.958	95.4	1.5	0.5	0.4
1096	4/7/2014 19:46:04	13.35	47.11	30.61	8.21	8.00	2.9	2.999	95.0	1.6	0.6	0.4
1097	4/7/2014 20:01:04	13.42	47.03	30.56	8.11	7.99	2.6	3.012	93.9	1.6	0.6	0.4
1098	4/7/2014 20:16:04	13.48	46.98	30.52	7.79	7.98	2.1	3.026	90.3	2.0	0.7	0.5
1099	4/7/2014 20:31:04	13.40	47.06	30.58	7.90	7.98	2.1	3.037	91.4	1.7	0.6	0.4
1100	4/7/2014 20:46:03	13.35	47.11	30.62	8.04	7.99	2.3	3.018	93.0	1.4	0.5	0.3
1101	4/7/2014 21:01:03	13.57	46.88	30.46	8.08	7.99	2.8	3.006	93.8	1.1	0.4	0.3
1102	4/7/2014 21:16:04	13.79	46.60	30.26	8.05	7.99	3.2	2.983	93.7	1.4	0.5	0.3
1103	4/7/2014 21:31:03	13.60	46.86	30.44	8.03	7.99	3.4	2.933	93.3	2.0	0.7	0.5
1104	4/7/2014 21:46:04	13.64	46.81	30.41	8.02	7.99	3.3	2.894	93.2	1.6	0.6	0.4
1105	4/7/2014 22:01:03	13.82	46.56	30.23	8.06	7.99	3.6	2.849	93.9	1.8	0.6	0.4
1106	4/7/2014 22:16:04	14.00	46.47	30.17	8.07	8.00	3.5	2.797	94.3	1.7	0.6	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
1107	4/7/2014 22:31:04	13.95	46.50	30.20	8.03	7.99	4.2	2.741	93.9	1.9	0.7	0.4
1108	4/7/2014 22:46:04	13.92	46.48	30.18	7.96	7.99	3.9	2.704	92.9	1.3	0.5	0.3
1109	4/7/2014 23:01:04	14.18	46.25	30.02	7.88	7.99	4.3	2.652	92.4	2.0	0.7	0.5
1110	4/7/2014 23:16:03	14.25	46.11	29.92	7.95	7.99	4.0	2.600	93.3	2.1	0.7	0.5
1111	4/7/2014 23:31:03	14.21	46.16	29.95	7.86	7.98	4.0	2.560	92.1	2.5	0.9	0.6
1112	4/7/2014 23:46:03	14.22	46.07	29.89	7.71	7.97	3.5	2.523	90.5	2.3	0.8	0.5
1113	4/8/2014 0:01:03	14.29	45.85	29.73	7.77	7.97	3.9	2.482	91.2	2.0	0.7	0.5
1114	4/8/2014 0:16:03	14.36	45.78	29.68	7.72	7.97	4.3	2.450	90.6	2.1	0.7	0.5
1115	4/8/2014 0:31:04	14.31	45.85	29.73	7.56	7.96	3.9	2.432	88.7	2.6	0.9	0.6
1116	4/8/2014 0:46:03	14.31	45.83	29.72	7.39	7.96	3.5	2.419	86.7	2.6	0.9	0.6
1117	4/8/2014 1:01:03	14.22	45.97	29.82	7.74	7.97	2.9	2.395	90.7	2.8	1.0	0.7
1118	4/8/2014 1:16:03	14.34	45.66	29.60	7.56	7.96	3.4	2.392	88.7	2.9	1.0	0.7
1119	4/8/2014 1:31:03	14.33	45.72	29.64	7.76	7.97	3.7	2.418	91.0	2.1	0.7	0.5
1120	4/8/2014 1:46:04	14.37	45.71	29.63	7.82	7.98	3.6	2.419	91.9	2.5	0.9	0.6
1121	4/8/2014 2:01:03	14.25	45.97	29.82	7.84	7.97	3.5	2.435	91.9	2.0	0.7	0.5
1122	4/8/2014 2:16:03	14.26	45.87	29.75	7.80	7.97	11.8	2.460	91.5	2.3	0.8	0.5
1123	4/8/2014 2:31:03	14.24	46.00	29.84	7.81	7.97	5.0	2.495	91.6	1.9	0.7	0.5
1124	4/8/2014 2:46:03	14.26	45.92	29.78	7.81	7.97	4.5	2.519	91.6	1.7	0.6	0.4
1125	4/8/2014 3:01:03	14.11	46.08	29.90	7.87	7.97	3.4	2.554	92.0	1.7	0.6	0.4
1126	4/8/2014 3:16:04	14.06	46.23	30.00	7.86	7.97	3.9	2.589	91.9	1.6	0.6	0.4
1127	4/8/2014 3:31:03	13.93	46.35	30.09	7.87	7.98	4.2	2.636	91.9	1.7	0.6	0.4
1128	4/8/2014 3:46:03	14.00	46.26	30.02	7.99	7.99	3.9	2.682	93.3	1.6	0.6	0.4
1129	4/8/2014 4:01:03	13.99	46.31	30.06	8.02	7.99	3.3	2.705	93.7	1.9	0.7	0.4
1130	4/8/2014 4:16:03	13.92	46.36	30.09	8.07	7.99	3.4	2.764	94.2	2.3	0.8	0.6
1131	4/8/2014 4:31:04	13.87	46.47	30.17	8.07	7.99	3.4	2.810	94.1	1.8	0.6	0.4
1132	4/8/2014 4:46:04	13.83	46.50	30.19	8.07	7.99	3.2	2.848	94.1	1.7	0.6	0.4
1133	4/8/2014 5:01:04	13.75	46.63	30.28	8.09	7.99	3.0	2.885	94.2	1.8	0.6	0.4
1134	4/8/2014 5:16:03	13.63	46.81	30.40	8.13	7.99	2.8	2.934	94.5	1.7	0.6	0.4
1135	4/8/2014 5:31:04	13.36	47.26	30.73	8.21	8.00	2.9	2.973	95.0	1.6	0.6	0.4
1136	4/8/2014 5:46:04	13.18	47.53	30.91	8.23	8.00	2.6	3.007	95.0	1.4	0.5	0.3
1137	4/8/2014 6:01:04	13.10	47.64	30.99	8.23	8.00	3.3	3.046	95.0	1.0	0.4	0.2
1138	4/8/2014 6:16:03	13.13	47.58	30.95	8.27	8.00	2.4	3.073	95.4	1.2	0.4	0.3
1139	4/8/2014 6:31:03	13.09	47.67	31.01	8.29	8.00	2.6	3.104	95.6	1.7	0.6	0.4
1140	4/8/2014 6:46:03	13.12	47.64	30.99	8.20	8.00	2.5	3.114	94.7	1.2	0.4	0.3
1141	4/8/2014 7:01:03	13.19	47.51	30.90	8.01	7.99	3.3	3.127	92.5	1.5	0.5	0.4
1142	4/8/2014 7:16:03	13.23	47.43	30.84	7.77	7.98	3.6	3.137	89.8	1.2	0.4	0.3
1143	4/8/2014 7:31:03	13.18	47.55	30.93	8.00	7.99	2.7	3.124	92.4	1.3	0.5	0.3
1144	4/8/2014 7:46:04	13.20	47.53	30.92	8.11	7.99	3.7	3.112	93.7	0.8	0.3	0.2
1145	4/8/2014 8:01:03	13.14	47.62	30.98	8.09	7.99	3.6	3.077	93.5	1.4	0.5	0.3
1146	4/8/2014 8:16:04	13.62	46.60	30.26	7.80	7.97	4.7	3.045	90.5	1.6	0.6	0.4
1147	4/8/2014 8:31:04	13.50	46.85	30.43	7.82	7.98	3.8	3.009	90.7	1.8	0.6	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
1148	4/8/2014 8:46:04	13.62	46.59	30.25	7.81	7.98	4.7	2.942	90.6	1.0	0.4	0.2
1149	4/8/2014 9:01:03	13.58	46.68	30.31	7.90	7.98	4.0	2.894	91.6	1.7	0.6	0.4
1150	4/8/2014 9:16:04	13.63	46.61	30.27	7.93	7.98	4.3	2.839	92.1	1.6	0.6	0.4
1151	4/8/2014 9:31:03	13.70	46.56	30.23	7.91	7.98	4.1	2.770	92.0	1.7	0.6	0.4
1152	4/8/2014 9:46:03	13.75	46.49	30.18	7.97	7.98	4.4	2.695	92.7	1.7	0.6	0.4
1153	4/8/2014 10:01:04	13.81	46.45	30.15	7.99	7.98	3.9	2.637	93.0	1.5	0.5	0.4
1154	4/8/2014 10:16:04	13.88	46.39	30.11	7.98	7.99	4.0	2.563	93.0	1.6	0.6	0.4
1155	4/8/2014 10:31:04	14.07	46.14	29.94	7.87	7.98	5.0	2.480	92.0	1.6	0.6	0.4
1156	4/8/2014 10:46:03	14.23	46.00	29.84	7.85	7.99	4.4	2.416	92.0	1.8	0.6	0.4
1157	4/8/2014 11:01:03	14.35	45.92	29.79	8.04	8.00	4.2	2.338	94.5	1.9	0.7	0.4
1158	4/8/2014 11:16:03	14.45	45.99	29.84	8.23	8.02	4.0	2.270	96.9	2.0	0.7	0.5
1159	4/8/2014 11:31:03	14.68	45.69	29.63	8.09	8.00	3.7	2.184	95.6	2.3	0.8	0.5
1160	4/8/2014 11:46:03	14.76	45.79	29.70	8.34	8.03	3.6	2.110	98.7	2.4	0.8	0.6
1161	4/8/2014 12:01:03	14.92	45.70	29.64	8.36	8.03	3.7	2.049	99.3	2.4	0.8	0.6
1162	4/8/2014 12:16:03	15.05	45.55	29.54	8.26	8.03	3.5	1.983	98.3	1.4	0.5	0.3
1163	4/8/2014 12:31:03	15.15	45.50	29.50	8.40	8.04	3.3	1.920	100.1	2.5	0.9	0.6
1164	4/8/2014 12:46:03	15.09	45.54	29.53	8.15	8.02	3.2	1.857	97.0	2.4	0.8	0.6
1165	4/8/2014 13:01:03	15.09	45.47	29.48	8.03	8.02	3.0	1.813	95.6	2.6	0.9	0.6
1166	4/8/2014 13:16:03	15.23	45.41	29.44	7.91	8.01	2.2	1.794	94.4	2.2	0.8	0.5
1167	4/8/2014 13:31:03	15.25	45.48	29.49	7.95	8.01	2.8	1.770	94.9	2.0	0.7	0.5
1168	4/8/2014 13:46:03	15.10	45.56	29.55	8.08	8.02	2.8	1.746	96.2	2.4	0.8	0.6
1169	4/8/2014 14:01:02	15.04	45.50	29.50	8.15	8.01	2.6	1.755	96.9	2.7	0.9	0.6
1170	4/8/2014 14:16:03	15.13	45.59	29.57	8.10	8.01	3.4	1.769	96.5	2.9	1.0	0.7
1171	4/8/2014 14:31:03	15.35	45.29	29.35	8.21	8.03	2.8	1.788	98.1	3.5	1.2	0.8
1172	4/8/2014 14:46:03	15.02	45.50	29.50	8.02	8.00	2.9	1.802	95.3	2.1	0.7	0.5
1173	4/8/2014 15:01:03	14.83	45.59	29.56	7.82	7.98	4.0	1.855	92.6	1.6	0.6	0.4
1174	4/8/2014 15:16:03	14.77	45.62	29.58	7.74	7.97	5.2	1.892	91.6	1.5	0.5	0.3
1175	4/8/2014 15:31:03	15.10	45.48	29.49	8.06	8.00	6.5	1.937	96.0	3.5	1.2	0.8
1176	4/8/2014 15:46:03	15.15	45.34	29.39	8.08	8.01	4.3	1.973	96.2	2.4	0.8	0.6
1177	4/8/2014 16:01:03	15.10	45.38	29.41	8.03	8.00	3.1	2.035	95.6	2.0	0.7	0.5
1178	4/8/2014 16:16:03	14.88	45.42	29.44	7.93	7.99	3.0	2.102	94.0	1.8	0.6	0.4
1179	4/8/2014 16:31:03	14.61	45.52	29.50	7.77	7.98	3.2	2.146	91.6	1.7	0.6	0.4
1180	4/8/2014 16:46:03	14.48	45.60	29.56	7.77	7.98	3.2	2.213	91.5	1.7	0.6	0.4
1181	4/8/2014 17:01:03	14.48	45.80	29.70	7.87	7.98	3.1	2.283	92.7	1.3	0.5	0.3
1182	4/8/2014 17:16:03	14.34	45.95	29.81	7.87	7.98	3.1	2.346	92.4	2.0	0.7	0.5
1183	4/8/2014 17:31:03	14.29	46.01	29.85	8.07	7.99	3.6	2.405	94.7	2.2	0.8	0.5
1184	4/8/2014 17:46:03	14.12	46.24	30.01	8.09	7.99	3.4	2.475	94.7	1.6	0.6	0.4
1185	4/8/2014 18:01:03	14.06	46.34	30.08	8.11	7.99	3.4	2.537	94.9	1.6	0.6	0.4
1186	4/8/2014 18:16:04	13.92	46.48	30.18	8.14	8.00	3.2	2.601	95.0	1.3	0.5	0.3
1187	4/8/2014 18:31:03	13.89	46.47	30.17	8.15	8.00	3.4	2.655	95.1	2.2	0.8	0.5
1188	4/8/2014 18:46:03	13.96	46.41	30.13	8.20	8.00	3.4	2.715	95.8	2.2	0.8	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
1189	4/8/2014 19:01:04	13.83	46.65	30.30	8.22	8.00	3.3	2.777	95.8	2.4	0.8	0.6
1190	4/8/2014 19:16:04	13.48	47.08	30.60	8.13	7.99	3.2	2.827	94.3	1.2	0.4	0.3
1191	4/8/2014 19:31:04	13.23	47.43	30.84	8.08	7.99	3.6	2.883	93.4	1.4	0.5	0.3
1192	4/8/2014 19:46:04	13.18	47.48	30.88	8.09	7.99	3.4	2.936	93.4	1.1	0.4	0.3
1193	4/8/2014 20:01:04	13.16	47.50	30.89	8.08	7.99	3.6	2.978	93.3	1.2	0.4	0.3
1194	4/8/2014 20:16:03	13.12	47.56	30.93	8.10	7.99	3.3	3.028	93.5	1.7	0.6	0.4
1195	4/8/2014 20:31:04	13.09	47.59	30.96	8.12	7.99	4.2	3.058	93.6	1.0	0.4	0.2
1196	4/8/2014 20:46:04	13.08	47.64	30.99	8.06	7.99	2.6	3.084	92.9	4.4	1.5	1.0
1197	4/8/2014 21:01:03	13.07	47.59	30.95	8.03	7.99	3.1	3.112	92.6	2.1	0.7	0.5
1198	4/8/2014 21:16:04	13.15	47.57	30.94	7.85	7.98	3.0	3.114	90.7	1.8	0.6	0.4
1199	4/8/2014 21:31:04	13.10	47.59	30.95	7.94	7.98	2.8	3.119	91.6	1.2	0.4	0.3
1200	4/8/2014 21:46:04	13.08	47.66	31.00	8.00	7.99	3.1	3.096	92.2	1.6	0.6	0.4
1201	4/8/2014 22:01:04	13.09	47.63	30.98	8.00	7.99	3.1	3.071	92.3	1.8	0.6	0.4
1202	4/8/2014 22:16:04	13.25	47.41	30.83	7.93	7.98	3.3	3.028	91.7	1.8	0.6	0.4
1203	4/8/2014 22:31:03	13.56	46.95	30.51	7.83	7.98	5.1	2.985	90.9	2.1	0.7	0.5
1204	4/8/2014 22:46:03	13.54	46.97	30.52	7.83	7.97	20.0	2.939	90.9	2.4	0.8	0.6
1205	4/8/2014 23:01:03	13.47	47.08	30.60	7.99	7.98	5.5	2.873	92.7	1.9	0.7	0.4
1206	4/8/2014 23:16:04	13.51	47.03	30.56	7.98	7.98	4.6	2.816	92.6	1.8	0.6	0.4
1207	4/8/2014 23:31:04	13.57	46.96	30.52	7.89	7.98	5.0	2.772	91.6	1.6	0.6	0.4
1208	4/8/2014 23:46:04	13.69	46.78	30.39	7.84	7.98	5.1	2.710	91.2	2.2	0.8	0.5
1209	4/9/2014 0:01:04	13.70	46.72	30.35	7.73	7.97	4.5	2.651	89.9	1.7	0.6	0.4
1210	4/9/2014 0:16:04	13.72	46.63	30.28	7.68	7.97	4.5	2.615	89.3	2.5	0.9	0.6
1211	4/9/2014 0:31:03	13.84	46.43	30.14	7.66	7.96	5.6	2.562	89.3	2.3	0.8	0.5
1212	4/9/2014 0:46:03	13.89	46.32	30.06	7.71	7.97	5.1	2.500	89.8	1.7	0.6	0.4
1213	4/9/2014 1:01:04	13.94	46.21	29.98	7.69	7.96	5.3	2.462	89.7	2.2	0.8	0.5
1214	4/9/2014 1:16:03	13.94	46.20	29.97	7.60	7.96	5.0	2.431	88.7	2.5	0.9	0.6
1215	4/9/2014 1:31:03	14.00	46.10	29.90	7.58	7.96	4.7	2.390	88.5	2.3	0.8	0.6
1216	4/9/2014 1:46:04	14.03	46.06	29.88	7.53	7.96	4.1	2.359	88.0	2.8	1.0	0.7
1217	4/9/2014 2:01:03	14.06	45.97	29.82	7.41	7.95	3.7	2.333	86.5	2.8	1.0	0.7
1218	4/9/2014 2:16:03	13.93	46.19	29.97	7.10	7.93	3.0	2.332	82.8	1.6	0.6	0.4
1219	4/9/2014 2:31:04	14.06	46.01	29.85	7.43	7.95	3.1	2.320	86.8	1.9	0.7	0.4
1220	4/9/2014 2:46:03	14.08	45.85	29.73	7.40	7.95	5.2	2.321	86.5	2.7	0.9	0.6
1221	4/9/2014 3:01:03	13.96	46.07	29.89	7.51	7.95	4.6	2.343	87.6	1.5	0.5	0.4
1222	4/9/2014 3:16:03	13.92	46.26	30.02	7.63	7.96	4.3	2.359	89.0	2.3	0.8	0.5
1223	4/9/2014 3:31:04	13.89	46.35	30.08	7.64	7.96	4.4	2.388	89.1	2.2	0.8	0.5
1224	4/9/2014 3:46:04	13.95	46.21	29.99	7.60	7.96	4.3	2.423	88.7	2.0	0.7	0.5
1225	4/9/2014 4:01:03	14.05	45.96	29.81	7.64	7.96	4.2	2.460	89.2	1.9	0.7	0.5
1226	4/9/2014 4:16:03	13.96	46.07	29.89	7.66	7.96	4.0	2.493	89.3	1.8	0.6	0.4
1227	4/9/2014 4:31:03	13.89	46.26	30.02	7.68	7.96	4.0	2.541	89.5	2.7	0.9	0.6
1228	4/9/2014 4:46:03	13.88	46.23	29.99	7.70	7.97	3.9	2.589	89.7	1.9	0.7	0.4
1229	4/9/2014 5:01:04	13.75	46.47	30.16	7.72	7.97	4.7	2.633	89.8	1.7	0.6	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
1230	4/9/2014 5:16:03	13.63	46.60	30.26	7.77	7.97	4.2	2.681	90.2	1.9	0.7	0.5
1231	4/9/2014 5:31:03	13.61	46.68	30.31	7.81	7.97	3.9	2.734	90.7	1.7	0.6	0.4
1232	4/9/2014 5:46:04	13.54	46.79	30.39	7.84	7.97	3.9	2.776	90.9	2.0	0.7	0.5
1233	4/9/2014 6:01:04	13.46	46.92	30.48	7.84	7.98	4.4	2.826	90.9	1.7	0.6	0.4
1234	4/9/2014 6:16:04	13.43	46.89	30.46	7.89	7.98	4.2	2.869	91.4	1.4	0.5	0.3
1235	4/9/2014 6:31:03	13.31	47.11	30.61	7.94	7.98	4.0	2.917	91.7	1.4	0.5	0.3
1236	4/9/2014 6:46:04	13.22	47.28	30.74	7.97	7.98	4.0	2.965	92.1	1.6	0.6	0.4
1237	4/9/2014 7:01:03	13.21	47.30	30.75	7.99	7.98	3.3	3.000	92.3	1.4	0.5	0.3
1238	4/9/2014 7:16:04	13.05	47.66	31.00	8.03	7.98	2.9	3.042	92.5	1.1	0.4	0.3
1239	4/9/2014 7:31:04	12.90	47.93	31.19	8.04	7.99	3.2	3.076	92.5	3.0	1.1	0.7
1240	4/9/2014 7:46:04	12.88	47.98	31.23	7.98	7.98	3.1	3.101	91.8	15.4	5.4	3.6
1241	4/9/2014 8:01:04	12.89	47.96	31.21	7.85	7.98	3.3	3.116	90.3	1.3	0.5	0.3
1242	4/9/2014 8:16:04	12.90	47.96	31.22	7.69	7.97	2.7	3.138	88.4	1.1	0.4	0.3
1243	4/9/2014 8:31:04	12.92	47.89	31.16	7.26	7.95	2.5	3.133	83.5	0.8	0.3	0.2
1244	4/9/2014 8:46:04	12.93	47.93	31.19	7.75	7.98	12.8	3.120	89.2	1.0	0.4	0.2
1245	4/9/2014 9:01:03	13.05	47.68	31.01	7.89	7.98	3.4	3.101	90.9	0.9	0.3	0.2
1246	4/9/2014 9:16:04	13.31	46.95	30.50	7.76	7.97	4.9	3.091	89.7	1.4	0.5	0.3
1247	4/9/2014 9:31:04	13.05	47.63	30.98	7.88	7.98	3.8	3.035	90.8	1.0	0.4	0.2
1248	4/9/2014 9:46:04	13.40	46.91	30.47	7.85	7.98	5.2	2.971	90.9	2.0	0.7	0.5
1249	4/9/2014 10:01:04	13.42	46.86	30.44	7.72	7.97	4.8	2.937	89.4	1.2	0.4	0.3
1250	4/9/2014 10:16:03	13.47	46.81	30.40	7.71	7.97	4.4	2.870	89.3	1.5	0.5	0.4
1251	4/9/2014 10:31:04	13.50	46.82	30.41	7.76	7.97	4.6	2.798	89.9	1.7	0.6	0.4
1252	4/9/2014 10:46:04	13.53	46.86	30.44	7.72	7.97	4.3	2.735	89.5	1.3	0.5	0.3
1253	4/9/2014 11:01:04	13.77	46.68	30.32	7.69	7.96	4.7	2.662	89.5	1.4	0.5	0.3
1254	4/9/2014 11:16:04	14.10	46.59	30.26	7.87	7.98	5.4	2.600	92.3	1.6	0.6	0.4
1255	4/9/2014 11:31:03	14.19	46.53	30.22	8.04	7.98	4.0	2.528	94.4	1.4	0.5	0.3
1256	4/9/2014 11:46:03	14.32	46.37	30.11	7.99	7.98	4.6	2.432	94.0	1.8	0.6	0.4
1257	4/9/2014 12:01:03	14.80	46.36	30.11	8.35	8.01	4.5	2.355	99.2	1.8	0.6	0.4
1258	4/9/2014 12:16:03	14.90	46.13	29.95	8.30	8.00	4.4	2.282	98.7	2.0	0.7	0.5
1259	4/9/2014 12:31:03	15.10	45.99	29.85	8.29	8.00	6.7	2.204	98.9	1.5	0.5	0.4
1260	4/9/2014 12:46:03	15.17	46.00	29.86	8.27	8.01	7.4	2.103	98.8	2.0	0.7	0.5
1261	4/9/2014 13:01:03	15.33	45.88	29.77	8.25	8.01	4.3	2.037	98.9	1.8	0.6	0.4
1262	4/9/2014 13:16:03	15.41	45.81	29.73	8.27	8.01	3.6	1.983	99.2	2.2	0.8	0.5
1263	4/9/2014 13:31:03	15.56	45.85	29.76	8.47	8.03	3.5	1.911	102.0	1.4	0.5	0.3
1264	4/9/2014 13:46:03	15.38	45.98	29.85	8.31	8.01	3.3	1.857	99.7	1.5	0.5	0.4
1265	4/9/2014 14:01:03	15.05	45.82	29.73	7.80	7.98	2.8	1.816	92.9	1.2	0.4	0.3
1266	4/9/2014 14:16:03	15.06	45.79	29.71	7.59	7.96	2.3	1.804	90.4	2.5	0.9	0.6
1267	4/9/2014 14:31:03	15.04	45.75	29.68	7.77	7.97	7.6	1.774	92.5	1.6	0.6	0.4
1268	4/9/2014 14:46:03	15.02	45.82	29.73	7.85	7.98	5.1	1.755	93.4	1.6	0.6	0.4
1269	4/9/2014 15:01:03	14.82	45.88	29.77	7.87	7.97	3.2	1.787	93.3	1.7	0.6	0.4
1270	4/9/2014 15:16:03	15.63	45.82	29.74	8.28	8.01	4.5	1.791	99.8	1.8	0.6	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
1271	4/9/2014 15:31:03	15.39	45.85	29.76	8.19	8.00	3.1	1.812	98.2	1.9	0.7	0.4
1272	4/9/2014 15:46:03	14.99	45.88	29.77	7.96	7.98	3.0	1.848	94.7	1.8	0.6	0.4
1273	4/9/2014 16:01:03	14.87	45.90	29.78	7.89	7.97	3.7	1.892	93.6	1.4	0.5	0.3
1274	4/9/2014 16:16:03	15.35	45.80	29.72	8.17	8.00	7.0	1.942	97.9	2.6	0.9	0.6
1275	4/9/2014 16:31:03	15.39	45.64	29.60	8.21	8.01	3.7	1.996	98.4	1.9	0.7	0.5
1276	4/9/2014 16:46:03	15.23	45.69	29.64	8.16	8.00	4.9	2.049	97.5	2.1	0.7	0.5
1277	4/9/2014 17:01:03	15.05	45.68	29.63	8.12	8.00	6.7	2.116	96.7	1.5	0.5	0.4
1278	4/9/2014 17:16:03	14.78	45.74	29.67	7.96	7.98	16.2	2.177	94.3	1.4	0.5	0.3
1279	4/9/2014 17:31:03	14.58	45.85	29.74	8.00	7.99	9.5	2.243	94.4	1.7	0.6	0.4
1280	4/9/2014 17:46:03	14.64	46.00	29.85	8.08	7.99	3.7	2.306	95.5	2.0	0.7	0.5
1281	4/9/2014 18:01:03	14.64	45.99	29.84	8.22	8.00	3.7	2.383	97.2	2.4	0.8	0.6
1282	4/9/2014 18:16:03	14.50	46.22	30.01	8.21	8.00	3.6	2.443	96.8	2.2	0.8	0.5
1283	4/9/2014 18:31:03	14.32	46.40	30.13	8.18	8.00	3.6	2.513	96.3	2.1	0.7	0.5
1284	4/9/2014 18:46:04	13.86	46.87	30.46	8.03	7.98	3.8	2.583	93.8	1.2	0.4	0.3
1285	4/9/2014 19:01:04	13.65	47.09	30.61	7.96	7.98	4.0	2.644	92.6	1.5	0.5	0.4
1286	4/9/2014 19:16:04	13.91	46.86	30.45	8.09	7.99	3.7	2.710	94.6	1.4	0.5	0.3
1287	4/9/2014 19:31:04	13.80	46.98	30.53	8.11	7.99	3.5	2.776	94.6	2.0	0.7	0.5
1288	4/9/2014 19:46:03	13.31	47.52	30.91	7.98	7.98	5.9	2.847	92.4	1.5	0.5	0.4
1289	4/9/2014 20:01:03	13.32	47.56	30.94	8.04	7.98	4.2	2.897	93.2	1.8	0.6	0.4
1290	4/9/2014 20:16:04	13.21	47.68	31.02	8.08	7.98	5.3	2.964	93.5	1.5	0.5	0.4
1291	4/9/2014 20:31:04	13.15	47.76	31.08	8.07	7.98	4.7	3.022	93.2	1.8	0.6	0.4
1292	4/9/2014 20:46:04	13.15	47.81	31.11	8.12	7.99	5.0	3.080	93.9	1.7	0.6	0.4
1293	4/9/2014 21:01:04	13.14	47.86	31.15	8.11	7.99	12.7	3.126	93.8	1.5	0.5	0.4
1294	4/9/2014 21:16:03	13.10	47.93	31.20	8.13	7.99	3.7	3.167	94.0	1.5	0.5	0.4
1295	4/9/2014 21:31:04	13.03	48.09	31.31	8.17	7.99	4.8	3.207	94.3	2.6	0.9	0.6
1296	4/9/2014 21:46:04	12.98	48.15	31.36	8.16	7.99	3.7	3.224	94.1	1.7	0.6	0.4
1297	4/9/2014 22:01:03	13.14	47.87	31.16	7.96	7.98	4.4	3.226	92.0	1.3	0.5	0.3
1298	4/9/2014 22:16:03	12.97	48.17	31.37	8.05	7.98	4.5	3.228	92.8	2.0	0.7	0.5
1299	4/9/2014 22:31:03	12.94	48.23	31.41	8.11	7.98	4.5	3.211	93.6	1.3	0.5	0.3
1300	4/9/2014 22:46:04	13.05	48.04	31.28	8.04	7.98	3.9	3.164	92.8	2.2	0.8	0.5
1301	4/9/2014 23:01:04	13.72	47.07	30.60	7.67	7.97	5.5	3.121	89.4	2.1	0.7	0.5
1302	4/9/2014 23:16:03	13.56	47.16	30.66	7.74	7.97	5.3	3.065	90.0	1.9	0.7	0.5
1303	4/9/2014 23:31:03	13.57	47.11	30.62	7.83	7.97	5.6	2.990	91.0	2.0	0.7	0.5
1304	4/9/2014 23:46:03	13.77	46.99	30.54	7.80	7.97	5.1	2.931	91.0	1.7	0.6	0.4
1305	4/10/2014 0:01:03	13.64	47.15	30.66	7.80	7.97	4.2	2.869	90.8	1.8	0.6	0.4
1306	4/10/2014 0:16:04	13.72	46.99	30.54	7.63	7.95	5.9	2.799	89.0	2.0	0.7	0.5
1307	4/10/2014 0:31:03	13.81	46.79	30.40	7.53	7.95	5.9	2.740	87.8	2.3	0.8	0.6
1308	4/10/2014 0:46:04	13.90	46.73	30.36	7.60	7.96	5.0	2.670	88.8	1.8	0.6	0.4
1309	4/10/2014 1:01:04	13.88	46.73	30.36	7.51	7.95	5.3	2.616	87.7	1.8	0.6	0.4
1310	4/10/2014 1:16:04	13.92	46.63	30.29	7.65	7.96	5.7	2.550	89.3	2.2	0.8	0.5
1311	4/10/2014 1:31:04	14.01	46.48	30.18	7.61	7.96	4.6	2.495	89.0	2.1	0.7	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
1312	4/10/2014 1:46:03	14.08	46.34	30.08	7.54	7.96	4.8	2.435	88.2	2.4	0.8	0.6
1313	4/10/2014 2:01:03	14.25	46.13	29.94	7.63	7.97	4.4	2.381	89.6	2.8	1.0	0.7
1314	4/10/2014 2:16:03	14.22	46.17	29.97	7.50	7.95	4.5	2.343	88.0	4.5	1.6	1.1
1315	4/10/2014 2:31:03	14.39	46.03	29.87	7.61	7.97	4.6	2.289	89.5	2.1	0.7	0.5
1316	4/10/2014 2:46:04	14.33	46.12	29.93	7.49	7.96	4.2	2.254	88.1	2.3	0.8	0.5
1317	4/10/2014 3:01:03	14.48	45.97	29.82	7.39	7.96	3.4	2.227	87.1	2.0	0.7	0.5
1318	4/10/2014 3:16:03	14.35	46.16	29.96	7.39	7.95	3.1	2.218	86.9	2.6	0.9	0.6
1319	4/10/2014 3:31:03	14.25	46.20	29.99	7.58	7.96	3.4	2.209	89.0	2.3	0.8	0.5
1320	4/10/2014 3:46:04	14.65	45.81	29.71	7.67	7.98	3.7	2.209	90.7	2.7	0.9	0.6
1321	4/10/2014 4:01:03	14.57	45.85	29.74	7.69	7.98	4.3	2.239	90.7	1.7	0.6	0.4
1322	4/10/2014 4:16:03	14.19	46.26	30.03	7.63	7.96	4.2	2.276	89.5	2.1	0.7	0.5
1323	4/10/2014 4:31:03	14.11	46.33	30.08	7.61	7.95	5.8	2.296	89.1	2.2	0.8	0.5
1324	4/10/2014 4:46:03	14.27	46.20	29.99	7.64	7.96	5.6	2.345	89.7	2.1	0.7	0.5
1325	4/10/2014 5:01:03	14.38	45.96	29.81	7.83	7.99	5.3	2.397	92.1	1.8	0.6	0.4
1326	4/10/2014 5:16:03	14.00	46.47	30.17	7.64	7.96	5.1	2.448	89.3	1.9	0.7	0.4
1327	4/10/2014 5:31:03	13.89	46.61	30.27	7.69	7.96	5.1	2.512	89.8	1.8	0.6	0.4
1328	4/10/2014 5:46:03	13.74	46.81	30.41	7.71	7.96	5.0	2.555	89.8	1.6	0.6	0.4
1329	4/10/2014 6:01:04	13.68	46.90	30.48	7.75	7.97	4.8	2.615	90.2	1.6	0.6	0.4
1330	4/10/2014 6:16:03	13.63	46.95	30.51	7.75	7.97	4.3	2.669	90.1	1.2	0.4	0.3
1331	4/10/2014 6:31:04	13.48	47.23	30.71	7.79	7.97	4.4	2.717	90.4	1.7	0.6	0.4
1332	4/10/2014 6:46:04	13.43	47.32	30.77	7.81	7.97	4.8	2.773	90.6	1.5	0.5	0.4
1333	4/10/2014 7:01:04	13.36	47.37	30.81	7.83	7.97	4.6	2.829	90.7	1.4	0.5	0.3
1334	4/10/2014 7:16:04	13.30	47.42	30.84	7.89	7.97	3.6	2.878	91.4	1.4	0.5	0.3
1335	4/10/2014 7:31:04	13.22	47.55	30.93	7.88	7.97	3.4	2.927	91.1	1.4	0.5	0.3
1336	4/10/2014 7:46:04	13.14	47.66	31.00	7.93	7.98	4.1	2.984	91.6	1.4	0.5	0.3
1337	4/10/2014 8:01:03	13.07	47.82	31.12	7.93	7.97	3.4	3.026	91.5	1.4	0.5	0.3
1338	4/10/2014 8:16:03	12.94	48.06	31.29	8.00	7.98	3.4	3.073	92.1	1.1	0.4	0.3
1339	4/10/2014 8:31:03	12.88	48.17	31.36	8.03	7.98	3.7	3.121	92.4	0.8	0.3	0.2
1340	4/10/2014 8:46:04	12.86	48.21	31.39	8.05	7.98	3.1	3.151	92.6	1.3	0.5	0.3
1341	4/10/2014 9:01:04	12.83	48.25	31.42	7.95	7.98	2.9	3.181	91.5	1.0	0.4	0.2
1342	4/10/2014 9:16:04	12.81	48.30	31.45	7.91	7.98	3.1	3.204	91.0	0.9	0.3	0.2
1343	4/10/2014 9:31:03	12.90	48.18	31.37	7.65	7.96	2.9	3.216	88.1	1.0	0.4	0.2
1344	4/10/2014 9:46:04	12.82	48.30	31.46	7.86	7.97	3.9	3.211	90.4	0.9	0.3	0.2
1345	4/10/2014 10:01:04	12.81	48.28	31.44	7.88	7.97	3.8	3.199	90.6	1.2	0.4	0.3
1346	4/10/2014 10:16:03	12.96	48.07	31.29	7.88	7.97	3.4	3.167	90.8	0.8	0.3	0.2
1347	4/10/2014 10:31:04	13.35	47.52	30.91	7.83	7.97	4.2	3.134	90.8	1.3	0.5	0.3
1348	4/10/2014 10:46:04	13.39	47.49	30.89	7.93	7.98	5.1	3.062	92.0	1.1	0.4	0.3
1349	4/10/2014 11:01:04	13.39	47.47	30.88	7.96	7.98	5.2	3.003	92.3	1.6	0.6	0.4
1350	4/10/2014 11:16:03	13.51	47.22	30.70	7.80	7.97	5.6	2.938	90.6	1.6	0.6	0.4
1351	4/10/2014 11:31:04	13.70	47.09	30.61	7.80	7.97	5.3	2.860	90.9	1.3	0.5	0.3
1352	4/10/2014 11:46:03	13.76	47.07	30.60	7.80	7.97	5.2	2.787	90.9	1.7	0.6	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
1353	4/10/2014 12:01:04	13.93	46.98	30.54	7.95	7.98	5.0	2.707	93.0	2.0	0.7	0.5
1354	4/10/2014 12:16:04	14.06	46.99	30.55	8.13	7.99	5.2	2.627	95.3	1.2	0.4	0.3
1355	4/10/2014 12:31:03	14.16	46.82	30.43	8.18	8.00	4.7	2.558	96.1	1.7	0.6	0.4
1356	4/10/2014 12:46:03	14.27	46.79	30.41	8.19	8.00	4.5	2.466	96.5	2.1	0.7	0.5
1357	4/10/2014 13:01:03	14.37	46.74	30.38	8.31	8.01	6.7	2.378	98.1	1.4	0.5	0.3
1358	4/10/2014 13:16:03	14.64	46.50	30.21	8.35	8.01	4.8	2.301	98.9	2.4	0.8	0.6
1359	4/10/2014 13:31:03	14.84	46.54	30.24	8.49	8.02	4.6	2.217	101.0	1.8	0.6	0.4
1360	4/10/2014 13:46:03	15.12	46.35	30.11	8.51	8.02	4.3	2.132	101.8	1.8	0.6	0.4
1361	4/10/2014 14:01:03	15.33	46.31	30.09	8.64	8.03	3.9	2.062	103.7	2.0	0.7	0.5
1362	4/10/2014 14:16:03	15.38	46.16	29.98	8.53	8.03	3.8	1.993	102.5	1.8	0.6	0.4
1363	4/10/2014 14:31:03	15.70	46.18	30.00	8.71	8.04	4.5	1.923	105.2	2.4	0.8	0.6
1364	4/10/2014 14:46:03	15.80	46.19	30.01	8.77	8.05	4.5	1.868	106.2	1.6	0.6	0.4
1365	4/10/2014 15:01:03	15.86	46.15	29.98	8.68	8.05	3.6	1.825	105.2	1.8	0.6	0.4
1366	4/10/2014 15:16:03	15.87	46.11	29.95	8.39	8.03	2.9	1.800	101.7	1.3	0.5	0.3
1367	4/10/2014 15:31:03	15.39	46.08	29.92	8.08	7.99	2.8	1.784	97.1	1.7	0.6	0.4
1368	4/10/2014 15:46:03	15.07	46.06	29.90	8.08	7.99	2.9	1.781	96.3	1.9	0.7	0.4
1369	4/10/2014 16:01:03	15.39	46.10	29.94	8.31	8.01	3.5	1.799	99.8	2.4	0.8	0.6
1370	4/10/2014 16:16:03	15.68	46.01	29.88	8.45	8.02	3.4	1.836	102.0	2.1	0.7	0.5
1371	4/10/2014 16:31:03	15.36	46.09	29.93	8.35	8.01	3.7	1.868	100.2	2.5	0.9	0.6
1372	4/10/2014 16:46:03	15.17	46.12	29.95	8.23	7.99	3.6	1.924	98.5	1.9	0.7	0.5
1373	4/10/2014 17:01:03	15.49	46.01	29.88	8.45	8.02	4.3	1.978	101.7	1.7	0.6	0.4
1374	4/10/2014 17:16:03	15.77	45.51	29.52	8.66	8.05	5.1	2.030	104.6	2.7	0.9	0.7
1375	4/10/2014 17:31:03	15.58	45.54	29.54	8.70	8.05	4.8	2.104	104.6	2.8	1.0	0.7
1376	4/10/2014 17:46:03	15.35	45.75	29.68	8.35	8.02	3.9	2.167	100.0	2.2	0.8	0.5
1377	4/10/2014 18:01:03	15.00	46.05	29.90	8.13	8.00	4.2	2.237	96.8	1.8	0.6	0.4
1378	4/10/2014 18:16:03	14.83	46.30	30.07	8.11	7.99	3.5	2.308	96.4	2.1	0.7	0.5
1379	4/10/2014 18:31:03	14.46	46.62	30.30	8.06	7.98	3.7	2.382	95.3	1.3	0.5	0.3
1380	4/10/2014 18:46:03	14.15	46.88	30.48	7.97	7.97	4.0	2.455	93.6	1.7	0.6	0.4
1381	4/10/2014 19:01:04	14.06	46.98	30.54	7.97	7.97	4.2	2.524	93.5	1.4	0.5	0.3
1382	4/10/2014 19:16:04	13.88	47.15	30.66	7.94	7.97	4.5	2.595	92.9	1.5	0.5	0.4
1383	4/10/2014 19:31:03	13.83	47.19	30.69	7.98	7.98	4.5	2.668	93.3	1.6	0.6	0.4
1384	4/10/2014 19:46:03	13.75	47.25	30.73	7.99	7.97	4.5	2.743	93.3	1.8	0.6	0.4
1385	4/10/2014 20:01:03	13.67	47.38	30.82	8.03	7.98	5.0	2.813	93.7	1.5	0.5	0.4
1386	4/10/2014 20:16:03	13.52	47.63	30.99	8.08	7.98	6.4	2.885	94.0	2.1	0.7	0.5
1387	4/10/2014 20:31:03	13.45	47.74	31.07	8.10	7.98	6.1	2.958	94.2	1.8	0.6	0.4
1388	4/10/2014 20:46:04	13.35	47.86	31.16	8.12	7.98	6.4	3.030	94.2	2.0	0.7	0.5
1389	4/10/2014 21:01:04	13.33	47.93	31.21	8.13	7.98	6.1	3.101	94.3	1.7	0.6	0.4
1390	4/10/2014 21:16:04	13.30	48.01	31.27	8.15	7.98	5.3	3.153	94.6	2.2	0.8	0.5
1391	4/10/2014 21:31:04	13.09	48.25	31.43	8.14	7.98	6.4	3.219	94.2	1.5	0.5	0.4
1392	4/10/2014 21:46:04	12.74	48.76	31.79	8.17	7.98	5.3	3.276	94.1	1.9	0.7	0.5
1393	4/10/2014 22:01:04	12.63	48.91	31.89	8.15	7.98	5.6	3.304	93.6	1.8	0.6	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
1394	4/10/2014 22:16:04	12.55	49.03	31.98	8.11	7.98	8.7	3.342	93.1	1.5	0.5	0.4
1395	4/10/2014 22:31:04	12.57	49.01	31.97	7.90	7.97	4.2	3.355	90.7	1.3	0.5	0.3
1396	4/10/2014 22:46:04	12.53	49.09	32.02	7.96	7.97	4.9	3.357	91.4	0.8	0.3	0.2
1397	4/10/2014 23:01:04	12.50	49.13	32.05	8.01	7.98	4.5	3.331	91.8	1.9	0.7	0.4
1398	4/10/2014 23:16:04	12.93	48.45	31.57	7.92	7.97	4.5	3.299	91.3	1.6	0.6	0.4
1399	4/10/2014 23:31:04	13.37	47.80	31.12	7.75	7.97	6.2	3.249	90.0	1.9	0.7	0.5
1400	4/10/2014 23:46:03	13.51	47.58	30.96	7.80	7.97	6.7	3.180	90.8	2.0	0.7	0.5
1401	4/11/2014 0:01:04	13.36	47.68	31.03	7.93	7.98	6.3	3.111	92.0	1.9	0.7	0.4
1402	4/11/2014 0:16:04	13.68	47.50	30.91	7.91	7.98	8.1	3.031	92.3	1.9	0.7	0.5
1403	4/11/2014 0:31:03	13.73	47.44	30.87	7.96	7.98	6.7	2.946	93.0	1.7	0.6	0.4
1404	4/11/2014 0:46:03	13.76	47.37	30.82	7.87	7.97	5.7	2.875	91.9	1.2	0.4	0.3
1405	4/11/2014 1:01:03	13.80	47.23	30.72	7.71	7.96	6.5	2.792	90.1	1.6	0.6	0.4
1406	4/11/2014 1:16:03	13.85	47.14	30.66	7.71	7.96	5.9	2.718	90.1	1.7	0.6	0.4
1407	4/11/2014 1:31:04	13.80	47.09	30.61	7.52	7.95	6.0	2.644	87.9	3.2	1.1	0.8
1408	4/11/2014 1:46:03	13.77	47.08	30.61	7.53	7.95	5.9	2.565	87.9	1.7	0.6	0.4
1409	4/11/2014 2:01:04	14.05	46.79	30.41	7.63	7.96	6.3	2.499	89.4	2.4	0.8	0.6
1410	4/11/2014 2:16:04	13.74	47.09	30.61	7.60	7.95	6.2	2.419	88.6	1.8	0.6	0.4
1411	4/11/2014 2:31:04	14.24	46.57	30.25	7.65	7.97	4.8	2.351	89.9	2.2	0.8	0.5
1412	4/11/2014 2:46:03	14.23	46.54	30.23	7.68	7.97	5.1	2.289	90.3	2.1	0.7	0.5
1413	4/11/2014 3:01:03	14.55	46.33	30.08	7.73	7.98	5.6	2.228	91.4	2.4	0.8	0.6
1414	4/11/2014 3:16:03	14.59	46.34	30.09	7.74	7.98	6.1	2.173	91.5	1.7	0.6	0.4
1415	4/11/2014 3:31:03	14.58	46.34	30.09	7.71	7.98	4.8	2.120	91.2	1.8	0.6	0.4
1416	4/11/2014 3:46:03	14.68	46.27	30.04	7.65	7.98	4.5	2.087	90.7	2.0	0.7	0.5
1417	4/11/2014 4:01:03	14.79	46.18	29.98	7.49	7.97	3.9	2.071	88.9	2.5	0.9	0.6
1418	4/11/2014 4:16:03	14.78	46.14	29.96	7.58	7.97	4.1	2.055	90.0	2.4	0.8	0.6
1419	4/11/2014 4:31:03	14.50	46.32	30.08	7.63	7.96	6.7	2.051	90.1	2.5	0.9	0.6
1420	4/11/2014 4:46:03	14.56	46.21	30.00	7.70	7.97	5.2	2.070	91.0	2.0	0.7	0.5
1421	4/11/2014 5:01:03	14.44	46.37	30.11	7.69	7.97	5.5	2.108	90.7	2.6	0.9	0.6
1422	4/11/2014 5:16:03	14.43	46.34	30.09	7.70	7.97	5.7	2.145	90.7	1.9	0.7	0.5
1423	4/11/2014 5:31:03	14.37	46.40	30.13	7.68	7.96	5.6	2.190	90.5	2.4	0.8	0.6
1424	4/11/2014 5:46:03	14.38	46.27	30.04	7.77	7.98	5.5	2.264	91.5	2.4	0.8	0.6
1425	4/11/2014 6:01:03	14.31	46.32	30.07	7.70	7.97	5.5	2.317	90.5	1.3	0.5	0.3
1426	4/11/2014 6:16:03	14.25	46.49	30.20	7.67	7.96	5.4	2.380	90.2	1.6	0.6	0.4
1427	4/11/2014 6:31:04	14.10	46.66	30.31	7.67	7.96	5.7	2.452	90.0	1.8	0.6	0.4
1428	4/11/2014 6:46:03	13.91	46.81	30.41	7.66	7.96	5.4	2.516	89.5	1.9	0.7	0.5
1429	4/11/2014 7:01:03	13.72	47.14	30.65	7.71	7.96	6.2	2.578	89.9	1.8	0.6	0.4
1430	4/11/2014 7:16:04	13.64	47.31	30.77	7.78	7.96	6.1	2.645	90.7	1.6	0.6	0.4
1431	4/11/2014 7:31:04	13.58	47.37	30.81	7.78	7.96	5.6	2.707	90.6	1.5	0.5	0.4
1432	4/11/2014 7:46:03	13.44	47.57	30.95	7.80	7.96	5.3	2.776	90.6	1.4	0.5	0.3
1433	4/11/2014 8:01:04	13.35	47.66	31.01	7.86	7.96	5.3	2.831	91.1	1.7	0.6	0.4
1434	4/11/2014 8:16:04	13.31	47.75	31.07	7.84	7.96	5.5	2.899	90.9	1.2	0.4	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.35)	Fluorescence %FS
1435	4/11/2014 8:31:04	13.13	48.02	31.26	7.87	7.97	5.5	2.964	91.0	1.3	0.5	0.3
1436	4/11/2014 8:46:04	13.05	48.13	31.35	7.88	7.97	6.1	3.019	91.0	1.0	0.4	0.2
1437	4/11/2014 9:01:04	12.98	48.17	31.37	7.90	7.97	5.2	3.083	91.2	1.3	0.5	0.3
1438	4/11/2014 9:16:04	12.91	48.27	31.44	7.90	7.97	5.0	3.140	91.1	1.4	0.5	0.3
1439	4/11/2014 9:31:04	12.86	48.37	31.51	7.90	7.97	4.6	3.186	90.9	1.5	0.5	0.4
1440	4/11/2014 9:46:04	12.79	48.41	31.53	7.90	7.97	5.0	3.228	90.8	0.9	0.3	0.2
1441	4/11/2014 10:01:04	12.73	48.49	31.59	7.91	7.97	4.8	3.263	90.9	1.1	0.4	0.3
1442	4/11/2014 10:16:04	12.68	48.54	31.63	7.87	7.97	3.9	3.285	90.3	1.6	0.6	0.4
	Mean	12.75	46.74	30.32	8.45	8.00	7.33	2.63	96.32	2.00	0.70	0.47
	Minimum	10.41	43.40	27.88	7.10	7.92	2.10	1.26	82.80	0.30	0.11	0.10
	Maximum	15.87	50.57	33.01	9.58	8.13	35.90	3.94	106.80	15.40	5.39	3.60

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

Chlorophyll/Fluorescence displayed as *in vivo* (non-extractive) readings from YSI 6025 chlorophyll probe

Chlorophyll corrected with ratio derived from extractive analysis; Sample collected at 9:45; value = 0.98

Flagged data due to suspect values (i.e., equipment malfunction, interference, etc.)

Data listed as outlier and discarded due to field issues (i.e., equipment malfunction, interference, etc.)

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
0	4/11/2014 10:46:11	12.75	48.19	31.37	7.91	7.90	6.2	3.013	90.8	1.5	0.9	0.4
1	4/11/2014 11:01:11	12.73	48.79	31.81	7.94	7.91	5.3	2.987	91.3	1.4	0.8	0.3
2	4/11/2014 11:16:11	13.45	47.76	31.09	8.21	7.94	6.5	2.942	95.4	1.8	1.0	0.4
3	4/11/2014 11:31:11	13.58	47.66	31.02	8.25	7.95	6.5	2.882	96.1	1.6	0.9	0.4
4	4/11/2014 11:46:11	13.64	47.77	31.10	8.28	7.95	7.0	2.811	96.6	1.9	1.1	0.5
5	4/11/2014 12:01:11	13.83	47.63	31.01	8.20	7.95	6.8	2.730	96.1	1.4	0.8	0.3
6	4/11/2014 12:16:11	13.87	47.58	30.97	8.02	7.94	6.2	2.655	94.0	2.1	1.2	0.5
7	4/11/2014 12:31:11	14.13	47.43	30.87	8.09	7.95	6.2	2.564	95.2	2.0	1.2	0.5
8	4/11/2014 12:46:11	14.24	47.39	30.85	8.07	7.95	5.7	2.479	95.2	1.8	1.0	0.4
9	4/11/2014 13:01:11	14.43	47.27	30.76	8.20	7.96	6.2	2.408	97.0	2.1	1.2	0.5
10	4/11/2014 13:16:11	14.50	46.79	30.41	8.04	7.96	5.3	2.328	95.1	1.5	0.9	0.4
11	4/11/2014 13:31:11	14.76	46.85	30.47	8.13	7.97	5.5	2.245	96.7	1.8	1.0	0.4
12	4/11/2014 13:46:11	15.03	46.89	30.50	8.38	7.98	6.1	2.146	100.3	1.7	1.0	0.4
13	4/11/2014 14:01:11	15.32	46.98	30.57	8.37	7.99	6.0	2.071	100.7	2.8	1.6	0.6
14	4/11/2014 14:16:11	15.34	46.69	30.36	8.45	7.99	5.6	1.989	101.7	2.7	1.6	0.6
15	4/11/2014 14:31:11	15.59	46.81	30.45	8.58	8.00	6.0	1.893	103.8	2.8	1.6	0.7
16	4/11/2014 14:46:10	15.84	46.43	30.19	8.61	8.00	6.2	1.817	104.4	2.5	1.5	0.6
17	4/11/2014 15:01:11	15.92	46.56	30.28	8.71	8.01	5.6	1.738	105.9	2.6	1.5	0.6
18	4/11/2014 15:16:10	16.12	46.38	30.15	8.86	8.02	5.8	1.670	108.1	2.1	1.2	0.5
19	4/11/2014 15:31:11	16.14	46.36	30.13	8.76	8.02	5.5	1.612	106.9	2.3	1.3	0.5
20	4/11/2014 15:46:11	16.21	46.17	30.00	8.80	8.02	5.3	1.553	107.4	2.6	1.5	0.6
21	4/11/2014 16:01:11	16.42	45.73	29.68	8.81	8.01	4.4	1.538	107.8	2.7	1.6	0.6
22	4/11/2014 16:16:11	16.57	45.40	29.45	8.22	8.02	5.1	1.509	100.7	2.2	1.3	0.5
23	4/11/2014 16:31:11	16.17	46.19	30.01	8.53	8.01	4.1	1.502	104.0	2.4	1.4	0.6
24	4/11/2014 16:46:11	16.09	46.41	30.17	8.6	8.01	4.7	1.536	104.8	2.6	1.5	0.6
25	4/11/2014 17:01:11	15.84	46.37	30.14	8.57	8.00	4.7	1.555	104.0	2.6	1.5	0.6
26	4/11/2014 17:16:11	15.92	46.57	30.29	8.58	8.00	4.5	1.600	104.4	2.7	1.6	0.6
27	4/11/2014 17:31:11	15.87	46.50	30.23	8.55	8.00	5.3	1.660	103.9	2.2	1.3	0.5
28	4/11/2014 17:46:11	15.50	46.57	30.28	8.37	7.99	4.8	1.727	100.9	2.5	1.5	0.6
29	4/11/2014 18:01:11	15.82	46.29	30.08	8.53	8.00	4.9	1.797	103.4	2.3	1.3	0.5
30	4/11/2014 18:16:11	15.59	46.51	30.23	8.39	7.99	5.2	1.871	101.3	1.7	1.0	0.4
31	4/11/2014 18:31:11	15.46	46.43	30.17	8.37	7.99	5.1	1.947	100.8	1.8	1.0	0.4
32	4/11/2014 18:46:11	15.12	46.60	30.30	8.24	7.98	5.3	2.027	98.6	2.1	1.2	0.5
33	4/11/2014 19:01:11	14.98	46.91	30.52	8.18	7.97	5.3	2.104	97.8	1.9	1.1	0.4
34	4/11/2014 19:16:11	14.69	47.14	30.67	8.12	7.96	5.7	2.174	96.6	2.5	1.5	0.6
35	4/11/2014 19:31:11	14.44	47.13	30.66	8.10	7.96	5.6	2.249	95.8	2.5	1.5	0.6
36	4/11/2014 19:46:11	14.35	47.45	30.89	8.07	7.96	6.1	2.329	95.5	2.2	1.3	0.5
37	4/11/2014 20:01:11	14.16	47.56	30.97	8.05	7.96	7.1	2.404	95.0	2.5	1.5	0.6
38	4/11/2014 20:16:11	14.05	47.66	31.03	8.04	7.96	6.7	2.479	94.6	2.6	1.5	0.6
39	4/11/2014 20:31:11	14.01	47.74	31.09	8.09	7.96	7.5	2.567	95.2	2.4	1.4	0.6
40	4/11/2014 20:46:11	13.82	47.87	31.18	8.09	7.96	7.9	2.637	94.9	3.1	1.8	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
41	4/11/2014 21:01:11	13.67	48.18	31.40	8.11	7.96	8.3	2.719	94.9	2.7	1.6	0.6
42	4/11/2014 21:16:11	13.55	48.25	31.44	8.14	7.96	8.3	2.801	95.0	2.4	1.4	0.6
43	4/11/2014 21:31:11	13.47	48.33	31.50	8.14	7.96	8.7	2.872	94.9	3.0	1.7	0.7
44	4/11/2014 21:46:11	13.35	48.47	31.60	8.18	7.96	8.2	2.953	95.2	2.6	1.5	0.6
45	4/11/2014 22:01:11	12.99	48.84	31.86	8.21	7.96	8.6	3.008	95.0	2.8	1.6	0.7
46	4/11/2014 22:16:11	12.70	49.25	32.14	8.25	7.97	7.3	3.064	95.1	2.8	1.6	0.7
47	4/11/2014 22:31:12	12.61	49.19	32.10	8.25	7.97	5.8	3.118	94.9	2.4	1.4	0.6
48	4/11/2014 22:46:11	12.52	49.32	32.19	8.28	7.97	5.9	3.150	95.0	2.0	1.2	0.5
49	4/11/2014 23:01:11	12.49	49.39	32.23	8.22	7.97	4.2	3.170	94.4	2.1	1.2	0.5
50	4/11/2014 23:16:11	12.61	49.40	32.24	8.16	7.96	6.2	3.165	93.9	3.1	1.8	0.7
51	4/11/2014 23:31:12	12.50	49.55	32.35	8.23	7.97	7.0	3.157	94.5	2.0	1.2	0.5
52	4/11/2014 23:46:11	12.76	49.08	32.02	8.16	7.97	6.9	3.110	94.0	2.4	1.4	0.6
53	4/12/2014 0:01:11	13.43	48.23	31.43	7.91	7.96	8.0	3.063	92.2	2.7	1.6	0.6
54	4/12/2014 0:16:11	13.45	48.40	31.55	7.89	7.96	7.8	2.987	92.0	2.7	1.6	0.6
55	4/12/2014 0:31:11	13.35	48.28	31.46	8.01	7.97	7.8	2.903	93.1	3.0	1.7	0.7
56	4/12/2014 0:46:11	13.60	48.23	31.44	7.99	7.97	8.9	2.835	93.4	2.8	1.6	0.6
57	4/12/2014 1:01:11	13.76	48.01	31.28	7.95	7.96	7.7	2.739	93.1	2.4	1.4	0.6
58	4/12/2014 1:16:11	13.74	48.04	31.30	7.90	7.96	7.5	2.657	92.6	2.4	1.4	0.6
59	4/12/2014 1:31:11	13.87	47.72	31.07	7.83	7.96	8.3	2.577	91.8	2.9	1.7	0.7
60	4/12/2014 1:46:11	13.99	47.41	30.85	7.82	7.96	7.8	2.491	91.8	2.6	1.5	0.6
61	4/12/2014 2:01:11	14.07	47.52	30.93	7.80	7.96	8.0	2.404	91.7	2.8	1.6	0.7
62	4/12/2014 2:16:11	14.21	47.40	30.85	7.79	7.96	8.3	2.308	91.8	2.9	1.7	0.7
63	4/12/2014 2:31:11	14.04	47.55	30.95	7.71	7.95	7.6	2.224	90.6	2.1	1.2	0.5
64	4/12/2014 2:46:11	14.36	47.18	30.70	7.75	7.96	8.1	2.147	91.6	1.9	1.1	0.5
65	4/12/2014 3:01:11	14.34	47.26	30.75	7.77	7.96	7.9	2.063	91.8	3.1	1.8	0.7
66	4/12/2014 3:16:11	14.68	46.99	30.56	7.74	7.97	7.2	1.981	92.0	3.3	1.9	0.8
67	4/12/2014 3:31:11	14.47	47.06	30.61	7.82	7.97	7.2	1.897	92.5	2.8	1.6	0.7
68	4/12/2014 3:46:11	14.94	46.67	30.34	7.80	7.99	7.1	1.826	93.0	2.7	1.6	0.6
69	4/12/2014 4:01:11	15.03	46.62	30.30	7.83	7.99	7.4	1.761	93.5	3.0	1.7	0.7
70	4/12/2014 4:16:11	15.03	46.74	30.39	7.85	7.99	7.6	1.701	93.8	2.8	1.6	0.7
71	4/12/2014 4:31:11	15.19	46.51	30.23	7.87	8.00	7.9	1.655	94.3	2.9	1.7	0.7
72	4/12/2014 4:46:11	15.24	46.52	30.24	7.83	8.00	6.1	1.626	94.0	2.9	1.7	0.7
73	4/12/2014 5:01:11	15.24	46.43	30.17	7.78	7.99	5.1	1.612	93.3	3.3	1.9	0.8
74	4/12/2014 5:16:11	15.18	46.58	30.28	7.91	8.00	5.7	1.622	94.8	2.7	1.6	0.6
75	4/12/2014 5:31:11	15.08	46.58	30.28	7.87	7.99	6.8	1.636	94.1	2.7	1.6	0.6
76	4/12/2014 5:46:11	15.02	46.68	30.35	7.84	7.98	7.3	1.672	93.7	3.0	1.7	0.7
77	4/12/2014 6:01:11	15.01	46.55	30.26	7.85	7.98	7.3	1.733	93.7	2.5	1.5	0.6
78	4/12/2014 6:16:11	14.94	46.70	30.36	7.79	7.97	7.0	1.802	92.9	2.5	1.5	0.6
79	4/12/2014 6:31:11	14.95	46.52	30.23	7.82	7.99	7.3	1.870	93.3	2.8	1.6	0.7
80	4/12/2014 6:46:11	14.91	46.42	30.16	7.81	7.99	7.1	1.951	93.0	2.9	1.7	0.7
81	4/12/2014 7:01:11	14.78	46.77	30.41	7.75	7.97	7.8	2.015	92.2	2.6	1.5	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
82	4/12/2014 7:16:11	14.59	46.98	30.55	7.72	7.96	7.6	2.109	91.5	2.2	1.3	0.5
83	4/12/2014 7:31:11	14.39	47.09	30.63	7.72	7.96	7.3	2.181	91.3	2.5	1.5	0.6
84	4/12/2014 7:46:11	14.13	47.47	30.90	7.77	7.96	7.0	2.249	91.5	2.3	1.3	0.5
85	4/12/2014 8:01:11	14.07	47.50	30.92	7.81	7.96	7.3	2.315	91.9	1.7	1.0	0.4
86	4/12/2014 8:16:11	13.95	47.72	31.08	7.84	7.96	6.9	2.403	92.1	1.9	1.1	0.4
87	4/12/2014 8:31:11	13.86	47.90	31.20	7.85	7.96	6.8	2.466	92.1	2.6	1.5	0.6
88	4/12/2014 8:46:11	13.76	47.91	31.20	7.86	7.96	6.8	2.537	92.1	2.5	1.5	0.6
89	4/12/2014 9:01:11	13.54	48.05	31.30	7.86	7.96	7.8	2.617	91.7	2.4	1.4	0.6
90	4/12/2014 9:16:11	13.40	48.35	31.52	7.91	7.96	8.5	2.684	92.1	2.3	1.3	0.5
91	4/12/2014 9:31:11	13.32	48.36	31.52	7.93	7.96	8.1	2.750	92.2	2.4	1.4	0.6
92	4/12/2014 9:46:11	13.22	48.43	31.57	7.95	7.97	7.3	2.827	92.3	2.5	1.5	0.6
93	4/12/2014 10:01:12	13.13	48.66	31.73	7.96	7.97	7.0	2.884	92.3	2.4	1.4	0.6
94	4/12/2014 10:16:12	13.05	48.52	31.62	7.98	7.97	6.8	2.931	92.4	2.3	1.3	0.5
95	4/12/2014 10:31:11	12.96	48.64	31.71	8.01	7.97	6.5	2.996	92.5	2.4	1.4	0.6
96	4/12/2014 10:46:11	12.89	48.83	31.85	8.05	7.97	5.8	3.027	92.9	2.3	1.3	0.5
97	4/12/2014 11:01:11	12.81	49.00	31.96	8.04	7.97	5.5	3.051	92.7	2.1	1.2	0.5
98	4/12/2014 11:16:12	12.81	49.11	32.04	7.81	7.96	3.6	3.061	90.2	1.7	1.0	0.4
99	4/12/2014 11:31:12	12.76	48.99	31.95	7.98	7.97	5.9	3.057	92.0	1.4	0.8	0.3
100	4/12/2014 11:46:12	12.79	49.13	32.06	7.94	7.97	6.3	3.029	91.7	2.0	1.2	0.5
101	4/12/2014 12:01:12	12.90	48.82	31.84	7.90	7.97	6.0	2.984	91.2	2.2	1.3	0.5
102	4/12/2014 12:16:11	13.60	48.38	31.54	8.15	7.99	6.7	2.920	95.4	1.9	1.1	0.4
103	4/12/2014 12:31:11	13.86	48.02	31.29	8.31	8.00	7.5	2.853	97.5	2.2	1.3	0.5
104	4/12/2014 12:46:11	13.87	48.30	31.50	8.24	7.99	6.8	2.771	96.9	1.7	1.0	0.4
105	4/12/2014 13:01:11	13.97	48.00	31.28	8.03	7.98	6.9	2.686	94.4	2.2	1.3	0.5
106	4/12/2014 13:16:12	13.99	48.03	31.30	8.00	7.98	6.1	2.608	94.1	2.3	1.3	0.5
107	4/12/2014 13:31:11	14.53	47.70	31.07	8.16	7.99	6.2	2.512	97.0	2.0	1.2	0.5
108	4/12/2014 13:46:11	14.64	47.75	31.12	8.20	7.99	6.1	2.433	97.7	2.2	1.3	0.5
109	4/12/2014 14:01:11	14.71	47.46	30.91	8.16	8.00	6.1	2.344	97.2	2.1	1.2	0.5
110	4/12/2014 14:16:11	14.98	47.57	31.00	8.38	8.01	6.4	2.266	100.4	2.8	1.6	0.7
111	4/12/2014 14:31:11	15.06	47.31	30.80	8.25	8.00	5.7	2.177	98.9	2.5	1.5	0.6
112	4/12/2014 14:46:11	15.34	47.45	30.91	8.49	8.03	6.0	2.089	102.4	2.6	1.5	0.6
113	4/12/2014 15:01:11	15.53	47.17	30.71	8.57	8.03	6.1	1.993	103.6	2.8	1.6	0.7
114	4/12/2014 15:16:11	15.65	47.04	30.62	8.57	8.03	5.9	1.903	103.8	2.6	1.5	0.6
115	4/12/2014 15:31:11	15.79	47.01	30.60	8.65	8.04	6.2	1.821	105.1	2.9	1.7	0.7
116	4/12/2014 15:46:11	15.95	46.88	30.51	8.69	8.05	6.0	1.731	105.9	3.3	1.9	0.8
117	4/12/2014 16:01:11	16.06	47.03	30.62	8.76	8.06	5.9	1.666	107.0	3.1	1.8	0.7
118	4/12/2014 16:16:11	16.20	46.91	30.54	8.81	8.06	5.9	1.595	107.9	3.0	1.7	0.7
119	4/12/2014 16:31:11	16.28	46.91	30.53	8.79	8.07	5.8	1.573	107.8	3.4	2.0	0.8
120	4/12/2014 16:46:11	16.41	46.77	30.44	8.63	8.06	5.1	1.535	106.1	3.1	1.8	0.7
121	4/12/2014 17:01:11	16.31	46.54	30.27	8.46	8.04	4.5	1.511	103.7	3.5	2.0	0.8
122	4/12/2014 17:16:11	16.50	47.07	30.65	8.84	8.07	5.1	1.539	109.0	4.0	2.3	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
123	4/12/2014 17:31:11	16.19	46.92	30.55	8.78	8.05	4.8	1.573	107.5	2.8	1.6	0.7
124	4/12/2014 17:46:11	16.07	46.82	30.47	8.71	8.04	4.7	1.603	106.3	4.0	2.3	0.9
125	4/12/2014 18:01:11	16.05	46.77	30.43	8.64	8.04	4.9	1.668	105.5	3.7	2.1	0.9
126	4/12/2014 18:16:11	15.94	46.86	30.50	8.57	8.03	5.4	1.739	104.4	2.5	1.5	0.6
127	4/12/2014 18:31:11	16.01	46.69	30.37	8.62	8.04	6.2	1.811	105.0	3.4	2.0	0.8
128	4/12/2014 18:46:11	15.91	46.71	30.39	8.52	8.02	5.7	1.888	103.7	2.4	1.4	0.6
129	4/12/2014 19:01:11	15.81	46.92	30.54	8.45	8.02	6.2	1.970	102.7	3.0	1.7	0.7
130	4/12/2014 19:16:11	15.52	47.09	30.66	8.40	8.01	5.7	2.058	101.5	2.7	1.6	0.6
131	4/12/2014 19:31:11	15.29	47.33	30.83	8.27	8.00	5.8	2.120	99.6	2.2	1.3	0.5
132	4/12/2014 19:46:11	14.97	47.59	31.00	8.19	7.98	5.9	2.211	98.1	2.7	1.6	0.6
133	4/12/2014 20:01:11	14.72	47.66	31.05	8.10	7.98	5.9	2.291	96.7	2.4	1.4	0.6
134	4/12/2014 20:16:11	14.56	47.65	31.04	8.13	7.98	6.4	2.369	96.6	2.9	1.7	0.7
135	4/12/2014 20:31:11	14.40	47.76	31.12	8.09	7.98	6.2	2.457	95.9	2.8	1.6	0.7
136	4/12/2014 20:46:11	14.31	47.86	31.18	8.08	7.98	7.0	2.531	95.7	2.5	1.5	0.6
137	4/12/2014 21:01:11	14.14	48.13	31.38	8.20	7.98	7.8	2.618	96.8	2.6	1.5	0.6
138	4/12/2014 21:16:11	13.92	48.34	31.53	8.26	7.98	8.9	2.697	97.2	3.3	1.9	0.8
139	4/12/2014 21:31:11	13.71	48.56	31.68	8.30	7.99	9.0	2.791	97.4	3.3	1.9	0.8
140	4/12/2014 21:46:12	13.61	48.62	31.72	8.30	7.99	10.0	2.875	97.2	3.6	2.1	0.8
141	4/12/2014 22:01:12	13.43	48.93	31.94	8.35	7.99	11.3	2.960	97.5	3.5	2.0	0.8
142	4/12/2014 22:16:12	13.13	48.97	31.95	8.44	8.00	10.5	3.039	98.0	3.1	1.8	0.7
143	4/12/2014 22:31:11	12.76	49.39	32.25	8.60	8.00	9.3	3.108	99.3	4.0	2.3	1.0
144	4/12/2014 22:46:12	12.60	49.75	32.50	8.63	8.01	7.6	3.169	99.5	3.5	2.0	0.8
145	4/12/2014 23:01:12	12.50	49.70	32.46	8.68	8.01	6.6	3.219	99.8	4.1	2.4	1.0
146	4/12/2014 23:16:12	12.43	49.95	32.64	8.70	8.01	5.5	3.254	100.0	3.8	2.2	0.9
147	4/12/2014 23:31:12	12.41	49.66	32.43	8.54	8.01	4.1	3.273	98.0	13.2	7.7	3.1
148	4/12/2014 23:46:12	12.53	49.85	32.57	8.52	8.01	6.5	3.274	98.1	2.8	1.6	0.7
149	4/13/2014 0:01:11	12.44	49.79	32.52	8.57	8.01	6.1	3.258	98.4	2.9	1.7	0.7
150	4/13/2014 0:16:11	12.55	49.76	32.50	8.56	8.01	7.0	3.203	98.6	3.5	2.0	0.8
151	4/13/2014 0:31:11	13.07	48.95	31.94	8.30	7.99	8.4	3.147	96.3	3.5	2.0	0.8
152	4/13/2014 0:46:11	13.35	48.83	31.86	8.20	7.99	8.9	3.079	95.6	3.4	2.0	0.8
153	4/13/2014 1:01:11	13.32	48.80	31.84	8.29	8.00	7.8	2.986	96.5	2.8	1.6	0.6
154	4/13/2014 1:16:11	13.51	48.76	31.82	8.24	7.99	8.1	2.895	96.3	3.4	2.0	0.8
155	4/13/2014 1:31:11	13.77	48.37	31.54	8.10	7.98	8.0	2.801	95.1	2.8	1.6	0.6
156	4/13/2014 1:46:11	13.86	48.21	31.43	8.06	7.98	7.8	2.710	94.7	3.0	1.7	0.7
157	4/13/2014 2:01:11	14.00	48.15	31.39	8.00	7.98	8.6	2.602	94.3	3.1	1.8	0.7
158	4/13/2014 2:16:11	14.14	47.96	31.26	7.99	7.98	8.0	2.518	94.3	3.1	1.8	0.7
159	4/13/2014 2:31:11	14.28	47.80	31.14	7.92	7.97	8.3	2.412	93.7	2.8	1.6	0.7
160	4/13/2014 2:46:11	14.48	47.78	31.13	7.86	7.97	10.1	2.316	93.3	2.9	1.7	0.7
161	4/13/2014 3:01:11	14.54	47.68	31.06	7.82	7.97	8.6	2.212	92.9	3.1	1.8	0.7
162	4/13/2014 3:16:11	14.48	47.63	31.02	7.88	7.97	7.9	2.099	93.5	2.7	1.6	0.6
163	4/13/2014 3:31:11	14.38	47.70	31.07	7.85	7.97	7.7	2.003	93.0	2.8	1.6	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
164	4/13/2014 3:46:11	14.81	47.42	30.88	7.82	7.97	8.3	1.905	93.4	2.9	1.7	0.7
165	4/13/2014 4:01:11	15.04	47.09	30.65	7.82	7.98	8.2	1.803	93.6	3.0	1.7	0.7
166	4/13/2014 4:16:11	15.11	47.09	30.65	7.81	7.98	8.7	1.715	93.7	2.9	1.7	0.7
167	4/13/2014 4:31:11	15.17	47.08	30.64	7.80	7.99	8.5	1.622	93.7	3.3	1.9	0.8
168	4/13/2014 4:46:11	15.37	46.81	30.45	7.84	8.00	8.6	1.541	94.4	2.9	1.7	0.7
169	4/13/2014 5:01:11	15.51	46.56	30.27	7.85	8.00	8.3	1.497	94.7	3.4	2.0	0.8
170	4/13/2014 5:16:11	15.59	46.01	29.88	7.85	8.00	8.2	1.447	94.6	3.6	2.1	0.8
171	4/13/2014 5:31:11	15.63	45.96	29.84	7.73	7.99	6.1	1.421	93.3	4.0	2.3	0.9
172	4/13/2014 5:46:11	15.59	46.48	30.21	7.66	8.00	6.1	1.430	92.5	3.5	2.0	0.8
173	4/13/2014 6:01:11	15.46	46.48	30.21	7.81	8.00	7.6	1.458	94.1	3.1	1.8	0.7
174	4/13/2014 6:16:11	15.43	46.71	30.38	7.80	7.99	6.7	1.494	94.0	2.6	1.5	0.6
175	4/13/2014 6:31:11	15.45	46.87	30.49	7.82	7.99	6.1	1.547	94.3	3.0	1.7	0.7
176	4/13/2014 6:46:11	15.38	46.88	30.50	7.81	7.99	7.0	1.629	94.1	2.6	1.5	0.6
177	4/13/2014 7:01:11	15.34	46.51	30.23	7.74	7.98	9.0	1.712	93.0	2.4	1.4	0.6
178	4/13/2014 7:16:11	15.33	46.46	30.20	7.71	7.98	9.1	1.798	92.6	2.7	1.6	0.6
179	4/13/2014 7:31:11	15.27	46.59	30.29	7.71	7.98	8.7	1.873	92.6	2.6	1.5	0.6
180	4/13/2014 7:46:11	15.15	46.89	30.51	7.69	7.97	8.4	1.967	92.2	2.9	1.7	0.7
181	4/13/2014 8:01:11	14.98	46.94	30.54	7.70	7.96	7.4	2.051	92.0	3.0	1.7	0.7
182	4/13/2014 8:16:11	14.62	47.51	30.94	7.72	7.96	7.2	2.125	91.8	2.0	1.2	0.5
183	4/13/2014 8:31:11	14.46	47.66	31.04	7.80	7.96	6.7	2.212	92.6	2.4	1.4	0.6
184	4/13/2014 8:46:12	14.32	47.88	31.20	7.86	7.96	6.8	2.293	93.1	2.2	1.3	0.5
185	4/13/2014 9:01:11	14.25	47.86	31.18	7.86	7.96	6.2	2.376	93.0	2.7	1.6	0.6
186	4/13/2014 9:16:11	14.21	47.90	31.21	7.89	7.96	6.1	2.445	93.2	1.9	1.1	0.4
187	4/13/2014 9:31:12	14.06	48.10	31.35	7.89	7.96	6.7	2.524	93.1	2.7	1.6	0.6
188	4/13/2014 9:46:11	13.90	48.23	31.44	7.93	7.96	7.0	2.602	93.3	2.1	1.2	0.5
189	4/13/2014 10:01:11	13.77	48.39	31.56	7.97	7.97	8.1	2.680	93.6	2.6	1.5	0.6
190	4/13/2014 10:16:11	13.60	48.46	31.60	8.07	7.97	8.5	2.754	94.5	2.9	1.7	0.7
191	4/13/2014 10:31:11	13.52	48.43	31.57	8.14	7.98	6.9	2.831	95.0	3.2	1.9	0.7
192	4/13/2014 10:46:11	13.42	48.81	31.85	8.19	7.98	7.3	2.903	95.7	3.0	1.7	0.7
193	4/13/2014 11:01:11	13.27	48.94	31.94	8.25	7.99	7.1	2.968	96.1	2.7	1.6	0.6
194	4/13/2014 11:16:11	13.07	49.08	32.03	8.32	7.99	6.1	3.021	96.6	3.3	1.9	0.8
195	4/13/2014 11:31:12	12.75	49.50	32.33	8.46	8.01	6.6	3.069	97.7	4.3	2.5	1.0
196	4/13/2014 11:46:12	12.64	49.51	32.33	8.52	8.01	4.5	3.102	98.2	4.2	2.4	1.0
197	4/13/2014 12:01:12	12.65	49.49	32.32	8.41	8.01	4.1	3.112	96.9	2.9	1.7	0.7
198	4/13/2014 12:16:12	12.66	49.68	32.45	8.47	8.01	5.9	3.107	97.7	6.3	3.7	1.5
199	4/13/2014 12:31:12	12.60	49.61	32.40	8.51	8.02	6.2	3.088	98.1	3.1	1.8	0.7
200	4/13/2014 12:46:12	13.00	49.32	32.21	8.34	8.00	6.0	3.038	96.7	3.3	1.9	0.8
201	4/13/2014 13:01:11	13.74	48.79	31.85	8.35	8.00	5.9	2.968	98.2	2.6	1.5	0.6
202	4/13/2014 13:16:11	14.14	48.57	31.70	8.49	8.01	6.5	2.898	100.5	2.2	1.3	0.5
203	4/13/2014 13:31:11	14.54	48.46	31.63	8.56	8.02	6.7	2.809	102.1	2.1	1.2	0.5
204	4/13/2014 13:46:11	14.75	48.17	31.42	8.36	8.00	8.3	2.716	100.0	2.7	1.6	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
205	4/13/2014 14:01:11	14.83	47.98	31.28	8.43	8.00	5.9	2.623	100.9	2.3	1.3	0.5
206	4/13/2014 14:16:11	15.23	47.96	31.28	8.59	8.01	7.3	2.536	103.7	2.3	1.3	0.5
207	4/13/2014 14:31:11	15.36	47.87	31.22	8.52	8.01	6.4	2.451	103.0	2.8	1.6	0.7
208	4/13/2014 14:46:11	15.58	47.62	31.04	8.64	8.02	5.6	2.356	104.9	2.8	1.6	0.7
209	4/13/2014 15:01:11	15.81	47.47	30.94	8.75	8.04	8.5	2.267	106.7	2.4	1.4	0.6
210	4/13/2014 15:16:11	15.94	47.40	30.89	8.71	8.04	7.3	2.172	106.3	2.7	1.6	0.6
211	4/13/2014 15:31:11	16.19	47.39	30.88	8.90	8.05	6.2	2.088	109.2	2.6	1.5	0.6
212	4/13/2014 15:46:11	16.46	47.38	30.88	8.98	8.06	6.4	1.994	110.8	2.7	1.6	0.6
213	4/13/2014 16:01:11	16.72	47.43	30.92	9.13	8.07	6.9	1.894	113.3	3.0	1.7	0.7
214	4/13/2014 16:16:11	16.87	47.38	30.89	9.10	8.08	7.0	1.806	113.1	2.7	1.6	0.6
215	4/13/2014 16:31:11	16.91	47.11	30.69	9.07	8.07	7.2	1.742	112.8	2.7	1.6	0.6
216	4/13/2014 16:46:10	17.22	46.97	30.59	9.21	8.09	7.9	1.677	115.2	2.9	1.7	0.7
217	4/13/2014 17:01:11	17.18	47.04	30.64	9.11	8.08	7.9	1.621	113.9	3.1	1.8	0.7
218	4/13/2014 17:16:11	17.45	46.96	30.59	9.11	8.09	7.6	1.583	114.3	3.4	2.0	0.8
219	4/13/2014 17:31:11	17.39	46.86	30.51	8.87	8.07	6.8	1.573	111.1	3.1	1.8	0.7
220	4/13/2014 17:46:10	17.18	47.07	30.66	9.11	8.07	6.6	1.573	113.8	4.1	2.4	1.0
221	4/13/2014 18:01:11	17.05	47.13	30.71	9.08	8.07	7.0	1.597	113.1	3.4	2.0	0.8
222	4/13/2014 18:16:11	16.89	46.94	30.57	9.02	8.06	8.1	1.645	112.0	2.9	1.7	0.7
223	4/13/2014 18:31:10	16.85	47.02	30.62	8.93	8.06	8.7	1.699	110.9	2.0	1.2	0.5
224	4/13/2014 18:46:11	16.66	47.06	30.65	8.87	8.05	7.8	1.777	109.7	2.7	1.6	0.6
225	4/13/2014 19:01:11	16.99	46.86	30.51	9.00	8.06	7.8	1.853	111.9	2.6	1.5	0.6
226	4/13/2014 19:16:11	16.73	46.89	30.53	8.83	8.04	7.0	1.934	109.3	2.9	1.7	0.7
227	4/13/2014 19:31:11	16.45	46.96	30.58	8.75	8.03	6.8	2.016	107.7	2.5	1.5	0.6
228	4/13/2014 19:46:11	16.09	47.35	30.85	8.64	8.02	6.6	2.111	105.8	2.6	1.5	0.6
229	4/13/2014 20:01:11	15.81	47.44	30.91	8.53	8.01	5.9	2.190	103.9	3.1	1.8	0.7
230	4/13/2014 20:16:11	15.50	47.61	31.03	8.43	8.00	5.7	2.275	102.1	2.9	1.7	0.7
231	4/13/2014 20:31:11	15.22	47.86	31.21	8.38	7.99	6.3	2.358	101.1	3.0	1.7	0.7
232	4/13/2014 20:46:11	15.07	47.94	31.26	8.35	7.99	6.3	2.440	100.5	3.4	2.0	0.8
233	4/13/2014 21:01:11	14.92	48.01	31.31	8.38	7.99	7.0	2.531	100.5	3.0	1.7	0.7
234	4/13/2014 21:16:11	14.74	48.34	31.55	8.52	8.00	8.6	2.612	101.9	3.3	1.9	0.8
235	4/13/2014 21:31:11	14.55	48.36	31.56	8.56	8.00	9.0	2.696	102.1	3.3	1.9	0.8
236	4/13/2014 21:46:11	14.30	48.49	31.65	8.60	8.00	10.4	2.798	102.1	4.0	2.3	0.9
237	4/13/2014 22:01:11	14.11	48.72	31.80	8.64	8.01	10.7	2.879	102.2	4.1	2.4	1.0
238	4/13/2014 22:16:11	13.91	48.78	31.84	8.69	8.01	9.0	2.973	102.4	3.8	2.2	0.9
239	4/13/2014 22:31:11	13.69	48.92	31.94	8.76	8.02	7.8	3.058	102.9	3.2	1.9	0.8
240	4/13/2014 22:46:11	13.25	49.51	32.35	8.89	8.03	7.8	3.144	103.7	4.9	2.8	1.1
241	4/13/2014 23:01:11	12.92	49.70	32.48	9.02	8.04	7.9	3.228	104.6	4.7	2.7	1.1
242	4/13/2014 23:16:11	12.76	49.86	32.59	9.11	8.05	6.6	3.285	105.4	6.0	3.5	1.4
243	4/13/2014 23:31:11	12.67	50.00	32.68	9.15	8.05	5.4	3.345	105.7	4.5	2.6	1.1
244	4/13/2014 23:46:11	12.61	50.00	32.68	9.17	8.06	4.6	3.381	105.8	4.5	2.6	1.1
245	4/14/2014 0:01:12	12.59	50.12	32.77	9.04	8.05	4.2	3.402	104.4	5.4	3.1	1.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
246	4/14/2014 0:16:12	12.77	50.00	32.69	8.95	8.05	7.1	3.399	103.6	3.5	2.0	0.8
247	4/14/2014 0:31:12	12.59	50.11	32.76	9.04	8.06	6.1	3.372	104.4	4.1	2.4	1.0
248	4/14/2014 0:46:11	12.66	50.03	32.71	9.04	8.05	7.1	3.330	104.5	4.0	2.3	0.9
249	4/14/2014 1:01:11	13.56	49.09	32.06	8.55	8.02	8.9	3.254	100.2	3.8	2.2	0.9
250	4/14/2014 1:16:11	13.59	48.95	31.96	8.56	8.02	8.6	3.164	100.4	3.9	2.3	0.9
251	4/14/2014 1:31:12	13.76	49.03	32.02	8.55	8.02	7.3	3.065	100.6	3.3	1.9	0.8
252	4/14/2014 1:46:12	13.97	48.87	31.91	8.44	8.01	9.0	2.959	99.7	3.6	2.1	0.8
253	4/14/2014 2:01:12	14.07	48.76	31.83	8.41	8.01	8.7	2.853	99.5	3.2	1.9	0.8
254	4/14/2014 2:16:12	14.22	48.63	31.75	8.32	8.00	7.7	2.751	98.7	3.1	1.8	0.7
255	4/14/2014 2:31:11	14.28	48.53	31.67	8.31	8.00	8.7	2.638	98.6	3.3	1.9	0.8
256	4/14/2014 2:46:12	14.49	48.41	31.59	8.25	7.99	9.0	2.529	98.3	2.7	1.6	0.6
257	4/14/2014 3:01:11	14.74	48.09	31.37	8.21	7.99	9.2	2.421	98.2	3.5	2.0	0.8
258	4/14/2014 3:16:11	15.01	47.95	31.27	8.17	7.99	8.9	2.312	98.2	2.9	1.7	0.7
259	4/14/2014 3:31:11	15.14	47.81	31.17	8.17	7.99	8.9	2.209	98.4	3.3	1.9	0.8
260	4/14/2014 3:46:11	14.89	48.04	31.33	8.14	7.98	8.3	2.086	97.6	3.0	1.7	0.7
261	4/14/2014 4:01:11	15.29	47.67	31.08	8.12	7.99	9.2	1.977	98.0	2.9	1.7	0.7
262	4/14/2014 4:16:11	15.25	47.60	31.02	8.04	7.98	8.4	1.873	97.0	3.0	1.7	0.7
263	4/14/2014 4:31:11	15.35	47.67	31.07	8.03	7.99	9.0	1.757	97.1	3.0	1.7	0.7
264	4/14/2014 4:46:11	15.69	47.31	30.82	8.04	7.99	9.0	1.641	97.7	3.4	2.0	0.8
265	4/14/2014 5:01:11	15.99	47.04	30.63	8.12	8.01	9.7	1.546	99.1	3.5	2.0	0.8
266	4/14/2014 5:16:11	16.10	46.90	30.53	8.10	8.01	9.2	1.462	99.1	3.2	1.9	0.8
267	4/14/2014 5:31:11	16.20	46.70	30.38	8.13	8.01	8.7	1.385	99.4	3.3	1.9	0.8
268	4/14/2014 5:46:11	16.33	46.68	30.37	8.12	8.01	8.4	1.342	99.6	3.0	1.7	0.7
269	4/14/2014 6:01:11	16.35	45.59	29.58	7.96	8.00	7.2	1.298	97.2	4.1	2.4	1.0
270	4/14/2014 6:16:11	16.34	46.73	30.41	7.77	8.00	5.4	1.311	95.3	3.7	2.1	0.9
271	4/14/2014 6:31:11	16.23	46.87	30.51	8.05	8.01	7.3	1.331	98.6	3.0	1.7	0.7
272	4/14/2014 6:46:11	16.17	46.97	30.58	8.04	8.00	7.6	1.353	98.4	3.3	1.9	0.8
273	4/14/2014 7:01:11	16.15	47.00	30.60	8.10	8.00	6.8	1.422	99.2	2.7	1.6	0.6
274	4/14/2014 7:16:11	16.12	47.00	30.60	8.11	8.00	6.4	1.495	99.2	2.6	1.5	0.6
275	4/14/2014 7:31:11	16.05	46.74	30.41	7.95	7.99	8.2	1.579	97.1	3.1	1.8	0.7
276	4/14/2014 7:46:11	16.07	46.56	30.28	7.88	7.98	10.0	1.666	96.1	2.8	1.6	0.7
277	4/14/2014 8:01:11	16.06	46.63	30.33	7.85	7.98	9.4	1.764	95.8	2.5	1.5	0.6
278	4/14/2014 8:16:11	15.91	46.91	30.53	7.91	7.98	9.3	1.841	96.4	2.7	1.6	0.6
279	4/14/2014 8:31:11	15.76	47.17	30.72	7.90	7.97	8.7	1.935	96.0	2.5	1.5	0.6
280	4/14/2014 8:46:11	15.54	47.48	30.94	7.92	7.97	7.3	2.022	96.0	2.4	1.4	0.6
281	4/14/2014 9:01:11	15.24	47.74	31.12	7.98	7.97	7.8	2.108	96.2	2.5	1.5	0.6
282	4/14/2014 9:16:11	15.11	47.84	31.19	8.05	7.97	7.1	2.196	96.8	2.5	1.5	0.6
283	4/14/2014 9:31:11	14.98	47.82	31.17	8.09	7.97	6.8	2.286	97.1	2.2	1.3	0.5
284	4/14/2014 9:46:11	14.92	47.92	31.24	8.09	7.97	6.9	2.371	97.0	1.9	1.1	0.4
285	4/14/2014 10:01:11	14.77	48.05	31.34	8.11	7.97	7.6	2.464	97.0	2.7	1.6	0.6
286	4/14/2014 10:16:12	14.62	48.30	31.51	8.11	7.98	7.7	2.543	96.8	2.1	1.2	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
287	4/14/2014 10:31:11	14.48	48.29	31.51	8.14	7.98	8.5	2.628	96.9	2.0	1.2	0.5
288	4/14/2014 10:46:11	14.17	48.58	31.71	8.25	7.98	10.8	2.714	97.7	3.3	1.9	0.8
289	4/14/2014 11:01:12	14.02	48.65	31.75	8.29	7.99	9.1	2.795	97.9	3.4	2.0	0.8
290	4/14/2014 11:16:11	13.85	48.75	31.82	8.37	7.99	8.4	2.875	98.6	3.7	2.1	0.9
291	4/14/2014 11:31:11	13.54	48.92	31.94	8.42	8.00	9.0	2.946	98.6	4.0	2.3	0.9
292	4/14/2014 11:46:12	13.10	49.51	32.35	8.51	8.01	8.4	3.013	99.0	4.7	2.7	1.1
293	4/14/2014 12:01:12	12.88	49.57	32.38	8.58	8.02	6.3	3.069	99.4	5.3	3.1	1.2
294	4/14/2014 12:16:12	12.72	49.75	32.50	8.62	8.02	5.9	3.123	99.6	5.3	3.1	1.3
295	4/14/2014 12:31:11	12.67	49.92	32.63	8.61	8.02	4.7	3.157	99.5	5.3	3.1	1.2
296	4/14/2014 12:46:12	12.85	49.58	32.39	8.58	8.02	7.2	3.169	99.4	4.2	2.4	1.0
297	4/14/2014 13:01:11	12.71	49.83	32.57	8.57	8.02	6.1	3.163	99.1	3.7	2.1	0.9
298	4/14/2014 13:16:12	12.66	49.82	32.56	8.63	8.03	6.1	3.136	99.6	5.3	3.1	1.3
299	4/14/2014 13:31:12	13.30	49.43	32.29	8.61	8.03	6.5	3.085	100.6	3.7	2.1	0.9
300	4/14/2014 13:46:12	13.99	49.06	32.05	8.67	8.03	6.8	3.018	102.6	3.7	2.1	0.9
301	4/14/2014 14:01:12	14.29	49.09	32.08	8.89	8.04	9.8	2.927	105.9	3.2	1.9	0.8
302	4/14/2014 14:16:11	14.26	48.72	31.81	8.63	8.02	8.9	2.841	102.5	3.2	1.9	0.7
303	4/14/2014 14:31:11	14.73	48.47	31.64	8.57	8.02	8.9	2.749	102.7	2.7	1.6	0.6
304	4/14/2014 14:46:11	14.86	48.41	31.60	8.60	8.02	7.4	2.655	103.3	3.0	1.7	0.7
305	4/14/2014 15:01:11	15.25	48.18	31.44	8.67	8.03	7.2	2.554	104.7	2.8	1.6	0.6
306	4/14/2014 15:16:11	15.36	48.14	31.41	8.81	8.04	7.9	2.461	106.7	2.3	1.3	0.5
307	4/14/2014 15:31:11	15.44	47.98	31.30	8.79	8.04	7.4	2.372	106.6	2.5	1.5	0.6
308	4/14/2014 15:46:11	15.73	47.91	31.25	8.78	8.04	8.1	2.281	107.0	2.9	1.7	0.7
309	4/14/2014 16:01:11	15.84	47.85	31.21	8.78	8.04	7.5	2.180	107.2	3.4	2.0	0.8
310	4/14/2014 16:16:11	16.01	47.64	31.07	8.92	8.06	8.4	2.084	109.1	3.6	2.1	0.8
311	4/14/2014 16:31:11	16.03	47.77	31.16	8.95	8.07	8.3	1.992	109.7	3.1	1.8	0.7
312	4/14/2014 16:46:11	16.30	47.58	31.02	9.00	8.07	9.1	1.914	110.7	2.6	1.5	0.6
313	4/14/2014 17:01:11	16.36	47.66	31.08	9.02	8.08	8.4	1.820	111.2	3.7	2.1	0.9
314	4/14/2014 17:16:11	16.46	47.51	30.97	8.99	8.07	7.8	1.758	110.9	3.6	2.1	0.9
315	4/14/2014 17:31:11	16.52	47.33	30.84	8.94	8.07	8.4	1.717	110.4	3.3	1.9	0.8
316	4/14/2014 17:46:11	16.60	47.28	30.81	8.93	8.08	8.1	1.652	110.5	3.7	2.1	0.9
317	4/14/2014 18:01:11	16.65	47.21	30.76	8.89	8.07	7.8	1.628	110.0	3.4	2.0	0.8
318	4/14/2014 18:16:11	16.64	47.26	30.80	8.69	8.06	6.0	1.644	107.6	3.8	2.2	0.9
319	4/14/2014 18:31:11	16.65	47.25	30.78	8.71	8.06	5.5	1.653	107.8	3.5	2.0	0.8
320	4/14/2014 18:46:11	16.58	47.26	30.80	8.89	8.06	6.7	1.692	109.9	3.4	2.0	0.8
321	4/14/2014 19:01:11	16.60	47.32	30.84	8.82	8.06	6.6	1.733	109.0	3.5	2.0	0.8
322	4/14/2014 19:16:11	16.61	47.29	30.82	8.78	8.05	7.3	1.797	108.6	3.3	1.9	0.8
323	4/14/2014 19:31:11	16.56	47.37	30.87	8.75	8.05	7.9	1.890	108.1	3.3	1.9	0.8
324	4/14/2014 19:46:11	16.61	47.19	30.74	8.70	8.04	8.1	1.970	107.5	3.1	1.8	0.7
325	4/14/2014 20:01:11	16.60	47.09	30.67	8.66	8.04	8.3	2.056	107.0	3.6	2.1	0.8
326	4/14/2014 20:16:11	16.41	47.23	30.77	8.71	8.03	7.4	2.145	107.2	3.8	2.2	0.9
327	4/14/2014 20:31:11	16.15	47.56	31.00	8.64	8.02	7.1	2.244	106.0	3.6	2.1	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
328	4/14/2014 20:46:11	15.74	47.82	31.19	8.53	8.01	6.9	2.319	103.9	4.0	2.3	0.9
329	4/14/2014 21:01:11	15.39	48.07	31.36	8.47	8.00	7.2	2.414	102.6	3.2	1.9	0.8
330	4/14/2014 21:16:11	15.15	48.16	31.43	8.49	8.00	7.2	2.499	102.3	3.2	1.9	0.8
331	4/14/2014 21:31:11	14.97	48.32	31.54	8.47	8.00	7.2	2.580	101.9	3.8	2.2	0.9
332	4/14/2014 21:46:11	14.87	48.32	31.54	8.52	8.00	7.6	2.679	102.2	3.5	2.0	0.8
333	4/14/2014 22:01:11	14.57	48.54	31.68	8.58	8.01	8.9	2.756	102.5	3.5	2.0	0.8
334	4/14/2014 22:16:11	14.22	48.78	31.85	8.65	8.01	8.9	2.854	102.7	3.7	2.1	0.9
335	4/14/2014 22:31:11	13.91	49.03	32.02	8.74	8.02	10.3	2.940	103.2	4.4	2.6	1.0
336	4/14/2014 22:46:12	13.70	49.19	32.14	8.76	8.02	10.4	3.030	103.1	4.0	2.3	0.9
337	4/14/2014 23:01:11	13.54	49.23	32.16	8.78	8.03	9.6	3.125	103.0	4.6	2.7	1.1
338	4/14/2014 23:16:12	13.15	49.67	32.46	8.89	8.03	7.5	3.200	103.7	4.4	2.6	1.0
339	4/14/2014 23:31:11	12.91	49.79	32.54	8.99	8.04	7.2	3.280	104.3	4.6	2.7	1.1
340	4/14/2014 23:46:12	12.70	49.90	32.62	9.02	8.04	6.2	3.347	104.2	4.5	2.6	1.1
341	4/15/2014 0:01:12	12.60	49.94	32.64	9.02	8.04	5.9	3.399	104.0	5.0	2.9	1.2
342	4/15/2014 0:16:12	12.56	50.02	32.70	8.97	8.04	4.2	3.438	103.4	5.4	3.1	1.3
343	4/15/2014 0:31:12	12.51	50.08	32.74	8.89	8.04	4.1	3.465	102.4	4.4	2.6	1.0
344	4/15/2014 0:46:11	12.61	49.91	32.62	8.87	8.04	6.6	3.464	102.3	5.9	3.4	1.4
345	4/15/2014 1:01:12	12.53	50.03	32.70	8.91	8.04	6.2	3.429	102.7	4.4	2.6	1.0
346	4/15/2014 1:16:12	12.85	49.70	32.48	8.77	8.03	10.3	3.380	101.6	5.2	3.0	1.2
347	4/15/2014 1:31:12	12.79	49.76	32.52	8.81	8.04	9.9	3.305	101.9	4.4	2.6	1.0
348	4/15/2014 1:46:11	12.74	49.85	32.58	8.84	8.04	11.5	3.212	102.3	5.1	3.0	1.2
349	4/15/2014 2:01:12	12.97	49.70	32.48	8.81	8.03	12.9	3.105	102.2	5.0	2.9	1.2
350	4/15/2014 2:16:11	14.09	48.62	31.73	8.43	8.02	16.1	3.007	99.7	4.3	2.5	1.0
351	4/15/2014 2:31:11	14.08	48.73	31.81	8.40	8.01	12.8	2.901	99.4	3.5	2.0	0.8
352	4/15/2014 2:46:11	14.11	48.71	31.80	8.35	8.01	11.9	2.787	98.8	3.4	2.0	0.8
353	4/15/2014 3:01:12	14.24	48.59	31.71	8.23	8.00	12.8	2.668	97.6	3.1	1.8	0.7
354	4/15/2014 3:16:12	14.49	48.33	31.53	8.14	7.99	12.2	2.547	96.9	3.3	1.9	0.8
355	4/15/2014 3:31:11	14.85	48.06	31.35	8.12	8.00	14.8	2.422	97.3	3.3	1.9	0.8
356	4/15/2014 3:46:11	14.14	48.59	31.71	8.27	8.00	13.9	2.299	97.9	3.3	1.9	0.8
357	4/15/2014 4:01:11	14.88	48.09	31.37	8.16	8.00	14.9	2.162	97.8	3.5	2.0	0.8
358	4/15/2014 4:16:11	15.19	47.92	31.25	8.14	8.00	13.0	2.039	98.1	3.2	1.9	0.8
359	4/15/2014 4:31:11	15.07	47.83	31.19	8.02	8.00	16.1	1.922	96.5	3.3	1.9	0.8
360	4/15/2014 4:46:11	14.97	47.89	31.22	7.99	7.99	13.7	1.794	95.9	3.8	2.2	0.9
361	4/15/2014 5:01:11	15.06	47.76	31.13	7.89	7.98	11.2	1.657	94.9	3.5	2.0	0.8
362	4/15/2014 5:16:11	15.17	47.70	31.09	7.84	7.98	11.7	1.533	94.4	3.5	2.0	0.8
363	4/15/2014 5:31:11	15.40	47.57	31.00	7.78	7.98	10.8	1.421	94.1	3.4	2.0	0.8
364	4/15/2014 5:46:11	15.51	47.39	30.88	7.70	7.97	9.8	1.303	93.3	3.6	2.1	0.8
365	4/15/2014 6:01:11	15.64	47.21	30.74	7.70	7.97	9.2	1.219	93.4	3.4	2.0	0.8
366	4/15/2014 6:16:11	15.70	46.44	30.19	7.65	7.97	8.9	1.166	92.6	3.8	2.2	0.9
367	4/15/2014 6:31:11	15.74	46.15	29.98	7.57	7.96	8.9	1.118	91.5	3.3	1.9	0.8
368	4/15/2014 6:46:11	15.78	46.01	29.88	7.34	7.95	5.8	1.100	88.8	3.4	2.0	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
369	4/15/2014 7:01:11	15.72	47.17	30.71	7.54	7.96	7.6	1.137	91.6	3.0	1.7	0.7
370	4/15/2014 7:16:11	15.76	47.18	30.72	7.59	7.97	7.3	1.159	92.3	3.2	1.9	0.8
371	4/15/2014 7:31:11	15.72	47.19	30.73	7.62	7.97	8.6	1.221	92.5	3.0	1.7	0.7
372	4/15/2014 7:46:11	15.69	47.20	30.74	7.62	7.97	9.0	1.293	92.5	3.0	1.7	0.7
373	4/15/2014 8:01:11	15.68	47.24	30.77	7.61	7.97	9.9	1.381	92.4	2.6	1.5	0.6
374	4/15/2014 8:16:11	15.52	46.80	30.45	7.55	7.95	12.2	1.458	91.1	3.4	2.0	0.8
375	4/15/2014 8:31:11	15.54	46.90	30.52	7.52	7.95	12.5	1.540	90.9	2.7	1.6	0.6
376	4/15/2014 8:46:11	15.51	46.92	30.53	7.51	7.95	11.7	1.630	90.7	2.7	1.6	0.6
377	4/15/2014 9:01:11	15.52	47.19	30.73	7.58	7.96	11.2	1.729	91.8	3.0	1.7	0.7
378	4/15/2014 9:16:11	15.45	47.42	30.90	7.66	7.96	10.3	1.822	92.6	3.1	1.8	0.7
379	4/15/2014 9:31:11	15.32	47.55	30.98	7.73	7.97	9.2	1.908	93.2	2.6	1.5	0.6
380	4/15/2014 9:46:11	15.05	47.91	31.24	7.89	7.97	8.6	2.013	94.8	2.9	1.7	0.7
381	4/15/2014 10:01:11	14.87	48.03	31.32	7.98	7.98	8.6	2.104	95.6	3.2	1.9	0.7
382	4/15/2014 10:16:11	14.79	48.08	31.36	8.00	7.98	7.6	2.208	95.8	2.6	1.5	0.6
383	4/15/2014 10:31:11	14.81	48.04	31.33	8.01	7.98	7.8	2.296	95.9	3.2	1.9	0.8
384	4/15/2014 10:46:11	14.63	48.25	31.48	8.03	7.98	9.9	2.375	95.8	3.0	1.7	0.7
385	4/15/2014 11:01:11	14.50	48.29	31.50	8.10	7.98	9.1	2.473	96.5	3.1	1.8	0.7
386	4/15/2014 11:16:11	14.44	48.34	31.54	8.13	7.98	10.3	2.565	96.8	3.2	1.9	0.8
387	4/15/2014 11:31:11	14.13	48.64	31.75	8.27	7.99	13.1	2.643	97.9	3.1	1.8	0.7
388	4/15/2014 11:46:11	13.96	48.74	31.82	8.35	8.00	12.5	2.729	98.6	3.4	2.0	0.8
389	4/15/2014 12:01:12	13.73	48.95	31.96	8.39	8.00	11.1	2.813	98.7	3.4	2.0	0.8
390	4/15/2014 12:16:12	13.35	49.38	32.26	8.53	8.01	11.4	2.877	99.7	3.9	2.3	0.9
391	4/15/2014 12:31:12	13.02	49.59	32.40	8.65	8.02	9.7	2.947	100.5	4.3	2.5	1.0
392	4/15/2014 12:46:11	12.89	49.70	32.48	8.70	8.03	7.3	3.013	100.9	4.0	2.3	0.9
393	4/15/2014 13:01:12	12.81	49.75	32.51	8.75	8.03	7.0	3.062	101.3	4.4	2.6	1.0
394	4/15/2014 13:16:11	12.75	49.89	32.61	8.70	8.03	5.1	3.092	100.7	3.9	2.3	0.9
395	4/15/2014 13:31:12	12.83	49.80	32.55	8.60	8.03	7.7	3.104	99.7	3.8	2.2	0.9
396	4/15/2014 13:46:12	12.72	49.97	32.67	8.54	8.02	6.9	3.095	98.7	3.1	1.8	0.7
397	4/15/2014 14:01:11	12.77	49.82	32.56	8.61	8.03	8.3	3.066	99.6	3.8	2.2	0.9
398	4/15/2014 14:16:11	13.82	49.30	32.22	8.76	8.04	14.3	3.008	103.4	5.5	3.2	1.3
399	4/15/2014 14:31:12	13.66	49.44	32.32	8.72	8.04	14.9	2.920	102.6	4.5	2.6	1.1
400	4/15/2014 14:46:11	13.89	49.43	32.31	8.79	8.04	27.8	2.844	103.9	4.6	2.7	1.1
401	4/15/2014 15:01:11	13.90	49.27	32.20	8.79	8.04	24.9	2.751	103.9	4.8	2.8	1.1
402	4/15/2014 15:16:12	14.11	49.18	32.14	8.76	8.04	23.1	2.661	103.9	4.4	2.6	1.0
403	4/15/2014 15:31:12	14.51	49.02	32.04	8.68	8.04	22.8	2.550	103.8	3.8	2.2	0.9
404	4/15/2014 15:46:11	14.96	48.61	31.75	8.56	8.03	22.8	2.473	103.0	2.9	1.7	0.7
405	4/15/2014 16:01:11	15.19	48.35	31.56	8.52	8.03	27.2	2.386	102.9	4.2	2.4	1.0
406	4/15/2014 16:16:11	15.45	48.09	31.38	8.46	8.03	32.7	2.297	102.7	4.0	2.3	0.9
407	4/15/2014 16:31:11	15.54	48.05	31.35	8.42	8.02	27.8	2.192	102.3	4.5	2.6	1.1
408	4/15/2014 16:46:11	15.62	48.24	31.49	8.41	8.02	30.5	2.113	102.4	3.9	2.3	0.9
409	4/15/2014 17:01:11	15.71	48.10	31.39	8.46	8.03	28.1	2.029	103.2	4.1	2.4	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
410	4/15/2014 17:16:11	15.89	47.80	31.18	8.42	8.02	26.5	1.939	102.9	4.1	2.4	1.0
411	4/15/2014 17:31:11	16.01	47.82	31.19	8.43	8.03	21.4	1.851	103.3	4.2	2.4	1.0
412	4/15/2014 17:46:11	16.14	47.63	31.06	8.40	8.03	21.5	1.785	103.0	4.4	2.6	1.0
413	4/15/2014 18:01:11	16.13	47.75	31.15	8.38	8.03	19.8	1.743	102.9	4.1	2.4	1.0
414	4/15/2014 18:16:11	16.23	47.54	30.99	8.35	8.02	20.2	1.679	102.5	5.1	3.0	1.2
415	4/15/2014 18:31:11	16.27	47.55	31.00	8.30	8.02	17.6	1.647	102.1	4.4	2.6	1.0
416	4/15/2014 18:46:11	16.28	47.62	31.05	8.17	8.01	14.5	1.647	100.5	4.3	2.5	1.0
417	4/15/2014 19:01:11	16.29	47.49	30.96	7.66	7.98	12.2	1.656	94.2	4.4	2.6	1.0
418	4/15/2014 19:16:11	16.25	47.42	30.90	8.22	8.01	11.7	1.668	101.0	3.6	2.1	0.8
419	4/15/2014 19:31:11	16.19	47.52	30.98	8.26	8.01	13.7	1.733	101.4	3.9	2.3	0.9
420	4/15/2014 19:46:11	16.24	47.39	30.88	8.23	8.01	13.4	1.789	101.1	3.7	2.1	0.9
421	4/15/2014 20:01:11	16.27	47.44	30.92	8.20	8.00	13.7	1.863	100.8	4.7	2.7	1.1
422	4/15/2014 20:16:11	16.17	47.43	30.91	8.22	8.00	13.6	1.947	100.8	4.4	2.6	1.0
423	4/15/2014 20:31:11	16.24	47.34	30.85	8.19	8.00	15.1	2.030	100.5	3.4	2.0	0.8
424	4/15/2014 20:46:11	16.12	47.43	30.91	8.21	8.00	15.5	2.120	100.6	4.0	2.3	0.9
425	4/15/2014 21:01:11	15.87	47.58	31.02	8.22	8.00	14.7	2.210	100.4	4.3	2.5	1.0
426	4/15/2014 21:16:11	15.52	47.95	31.28	8.23	7.99	12.2	2.293	99.9	3.8	2.2	0.9
427	4/15/2014 21:31:11	15.17	48.26	31.50	8.33	8.00	13.9	2.385	100.6	4.0	2.3	0.9
428	4/15/2014 21:46:11	14.83	48.46	31.63	8.40	8.00	13.7	2.472	100.8	3.4	2.0	0.8
429	4/15/2014 22:01:11	14.69	48.57	31.71	8.42	8.01	13.3	2.554	100.7	3.6	2.1	0.8
430	4/15/2014 22:16:11	14.49	48.62	31.74	8.42	8.01	13.2	2.652	100.4	3.6	2.1	0.8
431	4/15/2014 22:31:11	14.20	48.80	31.86	8.44	8.01	15.3	2.737	100.1	4.3	2.5	1.0
432	4/15/2014 22:46:12	13.82	49.21	32.15	8.50	8.01	21.1	2.836	100.2	4.8	2.8	1.1
433	4/15/2014 23:01:11	13.60	49.11	32.07	8.53	8.01	16.7	2.922	100.1	5.0	2.9	1.2
434	4/15/2014 23:16:12	13.30	49.55	32.39	8.55	8.01	12.9	3.015	100.0	4.7	2.7	1.1
435	4/15/2014 23:31:12	13.06	49.67	32.46	8.55	8.01	10.6	3.115	99.4	4.3	2.5	1.0
436	4/15/2014 23:46:12	12.54	50.08	32.74	8.62	8.01	11.5	3.206	99.4	4.6	2.7	1.1
437	4/16/2014 0:01:12	12.29	50.24	32.84	8.67	8.01	8.0	3.279	99.5	5.7	3.3	1.3
438	4/16/2014 0:16:12	12.11	50.36	32.92	8.68	8.01	6.9	3.345	99.3	5.6	3.2	1.3
439	4/16/2014 0:31:12	12.06	50.30	32.88	8.69	8.02	5.5	3.417	99.2	5.4	3.1	1.3
440	4/16/2014 0:46:12	11.98	50.57	33.07	8.67	8.02	5.3	3.451	99.0	4.3	2.5	1.0
441	4/16/2014 1:01:12	11.97	50.43	32.97	8.59	8.01	5.0	3.469	98.0	3.8	2.2	0.9
442	4/16/2014 1:16:12	12.19	50.38	32.94	8.54	8.01	7.6	3.482	97.8	3.7	2.1	0.9
443	4/16/2014 1:31:12	12.01	50.23	32.82	8.54	8.01	6.2	3.466	97.4	4.4	2.6	1.0
444	4/16/2014 1:46:12	12.07	50.45	32.99	8.54	8.01	7.7	3.408	97.6	4.9	2.8	1.1
445	4/16/2014 2:01:12	12.58	49.98	32.67	8.47	8.01	10.3	3.334	97.7	4.6	2.7	1.1
446	4/16/2014 2:16:11	12.45	49.94	32.63	8.51	8.01	12.8	3.236	97.8	4.6	2.7	1.1
447	4/16/2014 2:31:11	12.63	49.93	32.64	8.46	8.01	8.9	3.158	97.7	4.4	2.6	1.0
448	4/16/2014 2:46:12	13.12	49.50	32.34	8.34	8.01	9.2	3.037	97.1	3.8	2.2	0.9
449	4/16/2014 3:01:12	13.47	49.25	32.17	8.23	8.00	13.3	2.924	96.4	3.5	2.0	0.8
450	4/16/2014 3:16:12	13.44	49.30	32.21	8.17	8.00	10.6	2.808	95.7	3.5	2.0	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
451	4/16/2014 3:31:11	13.87	48.78	31.84	8.13	7.99	13.9	2.690	95.8	3.3	1.9	0.8
452	4/16/2014 3:46:12	13.96	48.79	31.86	8.06	7.99	11.9	2.578	95.1	3.3	1.9	0.8
453	4/16/2014 4:01:12	14.23	48.49	31.64	7.97	7.99	12.0	2.441	94.4	3.0	1.7	0.7
454	4/16/2014 4:16:12	14.60	48.45	31.63	7.90	7.98	13.9	2.316	94.3	3.4	2.0	0.8
455	4/16/2014 4:31:12	14.04	48.85	31.90	7.94	7.98	11.1	2.193	94.0	3.5	2.0	0.8
456	4/16/2014 4:46:11	14.35	48.39	31.57	7.86	7.97	16.6	2.057	93.4	3.6	2.1	0.8
457	4/16/2014 5:01:12	14.58	48.28	31.50	7.75	7.97	13.9	1.919	92.5	3.8	2.2	0.9
458	4/16/2014 5:16:11	14.56	48.17	31.42	7.68	7.96	13.6	1.784	91.5	3.5	2.0	0.8
459	4/16/2014 5:31:11	14.78	47.97	31.28	7.57	7.95	16.2	1.648	90.6	3.6	2.1	0.8
460	4/16/2014 5:46:12	14.72	47.94	31.25	7.45	7.93	15.8	1.499	89.0	3.4	2.0	0.8
461	4/16/2014 6:01:11	14.94	47.80	31.16	7.41	7.93	14.7	1.374	88.8	3.5	2.0	0.8
462	4/16/2014 6:16:11	15.09	47.67	31.07	7.37	7.93	13.8	1.250	88.6	3.8	2.2	0.9
463	4/16/2014 6:31:11	15.18	47.42	30.89	7.37	7.93	14.7	1.136	88.6	2.9	1.7	0.7
464	4/16/2014 6:46:11	15.26	47.24	30.76	7.29	7.92	13.9	1.063	87.7	3.4	2.0	0.8
465	4/16/2014 7:01:11	15.26	46.62	30.31	7.17	7.90	12.5	0.994	86.0	3.0	1.7	0.7
466	4/16/2014 7:16:11	15.28	46.10	29.94	7.01	7.89	9.4	0.957	84.0	3.1	1.8	0.7
467	4/16/2014 7:31:11	15.26	47.15	30.69	6.84	7.88	8.7	0.974	82.3	3.1	1.8	0.7
468	4/16/2014 7:46:11	15.27	47.41	30.88	7.07	7.89	8.9	1.008	85.2	3.2	1.9	0.8
469	4/16/2014 8:01:11	15.25	47.44	30.91	7.15	7.90	9.2	1.069	86.1	3.2	1.9	0.7
470	4/16/2014 8:16:11	15.23	47.38	30.86	7.17	7.90	10.9	1.131	86.3	3.3	1.9	0.8
471	4/16/2014 8:31:11	15.23	47.52	30.96	7.19	7.90	10.4	1.216	86.6	3.2	1.9	0.8
472	4/16/2014 8:46:12	15.04	46.96	30.55	7.21	7.89	13.0	1.308	86.3	4.0	2.3	0.9
473	4/16/2014 9:01:11	15.07	46.93	30.53	7.18	7.89	12.6	1.389	86.0	3.3	1.9	0.8
474	4/16/2014 9:16:11	15.03	46.86	30.48	7.20	7.89	12.5	1.489	86.1	3.7	2.1	0.9
475	4/16/2014 9:31:11	15.09	47.18	30.71	7.23	7.90	11.3	1.564	86.8	3.4	2.0	0.8
476	4/16/2014 9:46:11	15.12	47.26	30.77	7.24	7.91	10.3	1.662	86.9	3.2	1.9	0.8
477	4/16/2014 10:01:11	15.06	47.69	31.08	7.30	7.92	9.7	1.747	87.7	3.2	1.9	0.7
478	4/16/2014 10:16:11	14.76	47.97	31.28	7.53	7.94	8.8	1.849	90.0	3.1	1.8	0.7
479	4/16/2014 10:31:11	14.71	48.00	31.30	7.68	7.95	9.7	1.951	91.7	3.3	1.9	0.8
480	4/16/2014 10:46:11	14.59	48.35	31.55	7.76	7.96	8.7	2.043	92.6	3.2	1.9	0.8
481	4/16/2014 11:01:11	14.55	48.25	31.47	7.80	7.97	8.2	2.144	93.0	3.1	1.8	0.7
482	4/16/2014 11:16:11	14.54	48.46	31.63	7.85	7.97	8.7	2.244	93.6	2.7	1.6	0.6
483	4/16/2014 11:31:12	14.32	48.60	31.72	7.86	7.97	10.0	2.337	93.5	3.2	1.9	0.8
484	4/16/2014 11:46:11	14.23	48.46	31.62	7.92	7.97	10.2	2.423	93.9	2.9	1.7	0.7
485	4/16/2014 12:01:11	14.14	48.69	31.78	7.96	7.97	11.1	2.510	94.2	3.1	1.8	0.7
486	4/16/2014 12:16:12	13.96	48.89	31.93	8.05	7.98	13.7	2.596	95.1	3.3	1.9	0.8
487	4/16/2014 12:31:12	13.74	48.97	31.98	8.14	7.99	13.4	2.681	95.8	3.8	2.2	0.9
488	4/16/2014 12:46:12	13.30	49.27	32.18	8.23	7.99	14.2	2.755	96.1	4.6	2.7	1.1
489	4/16/2014 13:01:12	12.88	49.69	32.47	8.39	8.00	13.4	2.831	97.2	5.0	2.9	1.2
490	4/16/2014 13:16:12	12.70	49.86	32.59	8.48	8.01	10.3	2.906	98.0	6.2	3.6	1.5
491	4/16/2014 13:31:12	12.60	49.89	32.61	8.58	8.01	8.3	2.963	98.9	5.5	3.2	1.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
492	4/16/2014 13:46:11	12.56	50.00	32.68	8.62	8.02	6.6	3.011	99.4	6.2	3.6	1.5
493	4/16/2014 14:01:12	12.51	50.04	32.71	8.63	8.02	6.2	3.038	99.5	6.6	3.8	1.6
494	4/16/2014 14:16:12	12.73	49.90	32.62	8.53	8.01	6.9	3.060	98.6	4.7	2.7	1.1
495	4/16/2014 14:31:12	12.56	49.96	32.65	8.57	8.01	7.7	3.055	98.8	5.4	3.1	1.3
496	4/16/2014 14:46:12	12.55	50.03	32.70	8.60	8.01	9.4	3.011	99.1	5.9	3.4	1.4
497	4/16/2014 15:01:11	13.51	49.36	32.25	8.58	8.02	10.6	2.955	100.7	4.6	2.7	1.1
498	4/16/2014 15:16:11	13.77	49.29	32.21	8.64	8.02	12.6	2.899	101.8	4.7	2.7	1.1
499	4/16/2014 15:31:11	13.97	49.49	32.36	8.69	8.03	15.9	2.797	103.0	4.1	2.4	1.0
500	4/16/2014 15:46:12	14.13	49.25	32.19	8.71	8.03	16.1	2.714	103.3	4.1	2.4	1.0
501	4/16/2014 16:01:11	14.22	49.32	32.24	8.72	8.03	15.1	2.625	103.8	3.7	2.1	0.9
502	4/16/2014 16:16:11	14.40	49.00	32.01	8.75	8.04	17.2	2.526	104.3	4.7	2.7	1.1
503	4/16/2014 16:31:11	14.80	48.71	31.82	8.68	8.03	20.9	2.442	104.2	3.8	2.2	0.9
504	4/16/2014 16:46:11	15.13	48.35	31.57	8.54	8.03	17.0	2.343	103.1	3.5	2.0	0.8
505	4/16/2014 17:01:11	15.48	48.25	31.49	8.60	8.04	21.4	2.263	104.5	3.3	1.9	0.8
506	4/16/2014 17:16:11	15.63	48.29	31.53	8.61	8.04	20.3	2.178	104.9	3.5	2.0	0.8
507	4/16/2014 17:31:11	15.68	48.05	31.36	8.45	8.01	19.2	2.087	102.9	3.6	2.1	0.8
508	4/16/2014 17:46:11	15.76	48.07	31.37	8.42	8.01	17.6	1.999	102.7	4.0	2.3	0.9
509	4/16/2014 18:01:11	15.86	47.98	31.31	8.38	8.01	17.2	1.922	102.5	3.9	2.3	0.9
510	4/16/2014 18:16:11	16.00	47.78	31.17	8.29	8.00	17.6	1.857	101.6	4.3	2.5	1.0
511	4/16/2014 18:31:11	16.03	47.77	31.15	8.27	8.00	17.7	1.788	101.4	4.4	2.6	1.0
512	4/16/2014 18:46:11	16.00	47.80	31.18	8.25	8.00	17.3	1.740	101.1	3.8	2.2	0.9
513	4/16/2014 19:01:11	16.06	47.75	31.14	8.17	7.99	16.6	1.708	100.2	4.3	2.5	1.0
514	4/16/2014 19:16:11	16.09	47.72	31.12	8.14	7.99	15.1	1.679	99.8	4.2	2.4	1.0
515	4/16/2014 19:31:11	16.08	47.75	31.14	7.92	7.97	10.8	1.705	97.2	3.7	2.1	0.9
516	4/16/2014 19:46:11	16.04	47.69	31.10	8.11	7.98	11.9	1.717	99.4	4.0	2.3	0.9
517	4/16/2014 20:01:11	15.98	47.80	31.18	8.10	7.98	10.8	1.740	99.2	3.9	2.3	0.9
518	4/16/2014 20:16:11	16.00	47.76	31.15	8.11	7.98	12.3	1.813	99.3	4.1	2.4	1.0
519	4/16/2014 20:31:11	16.09	47.69	31.10	8.11	7.98	13.7	1.886	99.5	4.2	2.4	1.0
520	4/16/2014 20:46:11	16.06	47.67	31.08	8.13	7.98	12.2	1.955	99.6	3.9	2.3	0.9
521	4/16/2014 21:01:11	16.16	47.46	30.94	8.15	7.98	11.9	2.045	100.0	3.8	2.2	0.9
522	4/16/2014 21:16:11	16.01	47.71	31.11	8.13	7.98	12.7	2.131	99.6	4.2	2.4	1.0
523	4/16/2014 21:31:11	15.73	47.83	31.20	8.15	7.98	12.8	2.217	99.3	3.5	2.0	0.8
524	4/16/2014 21:46:11	15.38	48.23	31.48	8.17	7.98	10.1	2.304	99.1	3.5	2.0	0.8
525	4/16/2014 22:01:11	15.03	48.43	31.62	8.25	7.99	10.9	2.385	99.4	3.5	2.0	0.8
526	4/16/2014 22:16:11	14.51	48.68	31.79	8.35	7.99	11.0	2.472	99.7	4.1	2.4	1.0
527	4/16/2014 22:31:11	14.32	48.86	31.91	8.39	8.00	11.5	2.562	99.8	3.1	1.8	0.7
528	4/16/2014 22:46:11	14.13	49.01	32.02	8.39	7.99	13.0	2.649	99.5	4.0	2.3	0.9
529	4/16/2014 23:01:11	13.82	49.20	32.15	8.45	8.00	12.0	2.744	99.6	4.4	2.6	1.0
530	4/16/2014 23:16:11	13.45	49.46	32.32	8.49	8.00	12.5	2.845	99.5	4.5	2.6	1.1
531	4/16/2014 23:31:11	13.10	49.62	32.42	8.56	8.00	11.7	2.930	99.7	4.3	2.5	1.0
532	4/16/2014 23:46:11	12.86	49.95	32.66	8.56	8.00	8.8	3.026	99.3	3.8	2.2	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
533	4/17/2014 0:01:11	12.59	50.07	32.73	8.56	7.99	7.6	3.119	98.8	4.5	2.6	1.0
534	4/17/2014 0:16:11	12.19	50.21	32.82	8.61	7.99	7.8	3.197	98.6	5.4	3.1	1.3
535	4/17/2014 0:31:12	11.90	50.60	33.09	8.63	7.99	7.4	3.282	98.4	5.5	3.2	1.3
536	4/17/2014 0:46:11	11.69	50.71	33.15	8.66	7.99	5.3	3.346	98.4	5.4	3.1	1.3
537	4/17/2014 1:01:12	11.62	50.73	33.17	8.68	7.99	5.1	3.406	98.4	5.2	3.0	1.2
538	4/17/2014 1:16:11	11.57	50.67	33.12	8.65	7.99	4.0	3.459	98.0	5.2	3.0	1.2
539	4/17/2014 1:31:11	11.56	50.64	33.10	8.60	7.99	3.7	3.489	97.4	4.4	2.6	1.0
540	4/17/2014 1:46:11	11.78	50.56	33.06	8.53	7.99	5.6	3.483	96.9	4.3	2.5	1.0
541	4/17/2014 2:01:11	11.70	50.61	33.08	8.51	7.98	6.6	3.482	96.6	4.0	2.3	0.9
542	4/17/2014 2:16:11	11.60	50.75	33.18	8.55	7.99	5.4	3.443	96.9	4.4	2.6	1.0
543	4/17/2014 2:31:11	12.31	50.17	32.79	8.47	7.99	7.9	3.355	97.3	4.3	2.5	1.0
544	4/17/2014 2:46:12	12.04	50.42	32.97	8.50	7.99	12.0	3.280	97.1	4.9	2.8	1.2
545	4/17/2014 3:01:12	12.24	50.11	32.74	8.43	7.99	7.1	3.192	96.6	4.2	2.4	1.0
546	4/17/2014 3:16:11	12.75	49.84	32.57	8.33	7.99	9.2	3.075	96.3	3.5	2.0	0.8
547	4/17/2014 3:31:11	13.20	49.50	32.34	8.25	7.99	11.3	2.966	96.2	3.1	1.8	0.7
548	4/17/2014 3:46:11	13.36	49.30	32.20	8.18	7.98	10.8	2.857	95.6	3.2	1.9	0.7
549	4/17/2014 4:01:11	13.78	49.04	32.03	8.14	7.98	11.9	2.734	95.9	2.7	1.6	0.6
550	4/17/2014 4:16:11	13.89	48.79	31.85	8.12	7.98	13.2	2.605	95.7	3.6	2.1	0.8
551	4/17/2014 4:31:11	13.86	48.91	31.93	8.08	7.98	13.1	2.472	95.2	3.8	2.2	0.9
552	4/17/2014 4:46:11	13.86	48.94	31.96	8.00	7.97	11.1	2.346	94.3	3.0	1.7	0.7
553	4/17/2014 5:01:11	14.08	48.76	31.83	7.94	7.97	12.0	2.229	94.0	3.3	1.9	0.8
554	4/17/2014 5:16:11	14.16	48.61	31.73	7.90	7.96	13.0	2.090	93.6	3.0	1.7	0.7
555	4/17/2014 5:31:11	14.34	48.50	31.65	7.82	7.96	11.7	1.955	92.9	2.8	1.6	0.7
556	4/17/2014 5:46:11	14.48	48.39	31.58	7.74	7.95	12.2	1.817	92.1	3.1	1.8	0.7
557	4/17/2014 6:01:11	14.49	48.26	31.48	7.65	7.94	13.2	1.683	91.1	3.2	1.9	0.8
558	4/17/2014 6:16:11	14.85	48.11	31.38	7.49	7.93	15.5	1.540	89.8	3.6	2.1	0.8
559	4/17/2014 6:31:11	14.77	47.97	31.28	7.45	7.92	14.1	1.401	89.1	3.4	2.0	0.8
560	4/17/2014 6:46:11	14.85	48.09	31.36	7.44	7.92	13.3	1.259	89.1	3.3	1.9	0.8
561	4/17/2014 7:01:11	15.01	48.07	31.36	7.41	7.93	13.6	1.150	89.1	3.3	1.9	0.8
562	4/17/2014 7:16:11	15.10	47.92	31.25	7.37	7.92	13.7	1.033	88.7	2.9	1.7	0.7
563	4/17/2014 7:31:11	15.14	47.85	31.20	7.31	7.92	11.6	0.947	88.0	3.0	1.7	0.7
564	4/17/2014 7:46:11	15.22	47.09	30.65	7.26	7.91	13.1	0.896	87.3	3.0	1.7	0.7
565	4/17/2014 8:01:11	15.26	46.67	30.35	6.93	7.89	8.9	0.869	83.2	2.8	1.6	0.7
566	4/17/2014 8:16:11	15.23	47.57	31.00	7.08	7.89	9.8	0.881	85.3	3.5	2.0	0.8
567	4/17/2014 8:31:11	15.36	47.63	31.05	7.06	7.88	9.8	0.929	85.3	3.2	1.9	0.8
568	4/17/2014 8:46:11	15.33	47.72	31.11	7.17	7.90	9.4	1.006	86.6	3.4	2.0	0.8
569	4/17/2014 9:01:11	15.30	47.70	31.10	7.16	7.89	10.7	1.069	86.4	3.8	2.2	0.9
570	4/17/2014 9:16:11	15.31	47.73	31.12	7.18	7.90	10.6	1.147	86.7	3.4	2.0	0.8
571	4/17/2014 9:31:11	15.19	47.28	30.79	7.20	7.89	12.2	1.250	86.6	3.6	2.1	0.8
572	4/17/2014 9:46:11	15.17	47.22	30.75	7.15	7.88	11.5	1.336	85.9	3.2	1.9	0.7
573	4/17/2014 10:01:11	15.15	47.33	30.82	7.14	7.88	12.5	1.410	85.8	3.0	1.7	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
574	4/17/2014 10:16:11	15.15	47.29	30.80	7.21	7.89	12.0	1.514	86.7	3.4	2.0	0.8
575	4/17/2014 10:31:11	15.11	47.52	30.96	7.24	7.89	12.1	1.608	86.9	3.6	2.1	0.8
576	4/17/2014 10:46:11	14.94	47.86	31.20	7.35	7.91	9.7	1.700	88.1	3.1	1.8	0.7
577	4/17/2014 11:01:11	14.87	47.99	31.29	7.42	7.92	9.0	1.798	88.9	3.0	1.7	0.7
578	4/17/2014 11:16:11	14.65	48.35	31.55	7.59	7.93	8.9	1.896	90.7	3.6	2.1	0.8
579	4/17/2014 11:31:11	14.48	48.36	31.55	7.72	7.95	8.6	2.010	92.0	3.2	1.9	0.7
580	4/17/2014 11:46:11	14.44	48.56	31.70	7.81	7.96	10.2	2.112	93.0	3.3	1.9	0.8
581	4/17/2014 12:01:11	14.38	48.67	31.78	7.81	7.95	9.5	2.197	93.0	2.9	1.7	0.7
582	4/17/2014 12:16:11	14.14	48.75	31.83	7.85	7.95	10.3	2.304	93.0	2.8	1.6	0.7
583	4/17/2014 12:31:11	14.05	48.80	31.86	7.89	7.96	10.8	2.395	93.3	3.4	2.0	0.8
584	4/17/2014 12:46:11	13.92	48.94	31.96	7.94	7.96	12.0	2.485	93.7	2.7	1.6	0.6
585	4/17/2014 13:01:11	13.71	49.12	32.08	8.11	7.97	11.9	2.566	95.4	4.0	2.3	0.9
586	4/17/2014 13:16:11	13.57	49.17	32.12	8.10	7.97	12.5	2.646	95.0	3.7	2.1	0.9
587	4/17/2014 13:31:11	13.07	49.54	32.37	8.17	7.97	12.6	2.732	95.1	4.1	2.4	1.0
588	4/17/2014 13:46:11	12.62	49.95	32.64	8.36	7.97	10.9	2.799	96.5	5.4	3.1	1.3
589	4/17/2014 14:01:11	12.45	50.12	32.76	8.39	7.98	8.6	2.869	96.6	5.0	2.9	1.2
590	4/17/2014 14:16:11	12.37	50.04	32.70	8.42	7.98	7.7	2.934	96.7	5.2	3.0	1.2
591	4/17/2014 14:31:11	12.26	50.32	32.90	8.42	7.98	5.9	2.977	96.6	5.0	2.9	1.2
592	4/17/2014 14:46:11	12.23	50.28	32.87	8.38	7.98	5.5	3.008	96.1	4.2	2.4	1.0
593	4/17/2014 15:01:11	12.64	49.80	32.54	8.32	7.98	6.2	3.012	96.0	5.6	3.2	1.3
594	4/17/2014 15:16:11	12.38	50.17	32.80	8.33	7.97	7.5	3.010	95.8	4.7	2.7	1.1
595	4/17/2014 15:31:11	12.32	50.15	32.78	8.33	7.97	7.4	2.990	95.6	4.9	2.8	1.1
596	4/17/2014 15:46:11	12.36	50.10	32.74	8.35	7.98	8.7	2.921	95.9	3.9	2.3	0.9
597	4/17/2014 16:01:11	13.17	49.64	32.44	8.42	7.99	9.3	2.865	98.1	3.5	2.0	0.8
598	4/17/2014 16:16:11	13.48	49.50	32.35	8.46	8.00	10.4	2.781	99.2	3.2	1.9	0.7
599	4/17/2014 16:31:11	13.95	49.02	32.02	8.41	8.00	10.4	2.691	99.4	3.2	1.9	0.8
600	4/17/2014 16:46:11	14.19	48.88	31.92	8.33	7.99	7.8	2.605	98.8	3.0	1.7	0.7
601	4/17/2014 17:01:11	14.19	48.63	31.74	8.28	7.99	7.4	2.512	98.2	3.1	1.8	0.7
602	4/17/2014 17:16:11	14.17	48.79	31.86	8.22	7.98	7.3	2.432	97.5	3.5	2.0	0.8
603	4/17/2014 17:31:11	14.44	48.75	31.84	8.22	7.99	7.6	2.347	98.0	2.9	1.7	0.7
604	4/17/2014 17:46:11	14.50	48.67	31.78	8.16	7.98	7.2	2.271	97.4	2.9	1.7	0.7
605	4/17/2014 18:01:11	14.72	48.46	31.63	8.22	7.99	7.0	2.196	98.4	2.8	1.6	0.7
606	4/17/2014 18:16:11	14.66	48.37	31.56	8.21	7.99	7.7	2.119	98.1	3.3	1.9	0.8
607	4/17/2014 18:31:11	14.79	48.38	31.58	8.19	7.98	7.8	2.034	98.2	3.7	2.1	0.9
608	4/17/2014 18:46:11	14.99	48.10	31.38	8.07	7.97	7.5	1.959	97.0	3.7	2.1	0.9
609	4/17/2014 19:01:11	15.06	48.19	31.44	8.07	7.97	7.6	1.910	97.2	3.6	2.1	0.8
610	4/17/2014 19:16:11	15.15	48.04	31.34	8.05	7.97	9.5	1.840	97.1	3.8	2.2	0.9
611	4/17/2014 19:31:11	15.17	47.81	31.17	8.10	7.97	7.9	1.795	97.6	3.5	2.0	0.8
612	4/17/2014 19:46:11	15.26	47.96	31.28	8.01	7.97	7.7	1.790	96.7	4.1	2.4	1.0
613	4/17/2014 20:01:11	15.27	47.96	31.28	7.40	7.94	6.7	1.779	89.4	4.8	2.8	1.1
614	4/17/2014 20:16:11	15.22	47.96	31.28	7.93	7.96	5.8	1.767	95.7	4.1	2.4	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
615	4/17/2014 20:31:11	15.16	47.82	31.18	8.00	7.96	6.7	1.800	96.4	3.9	2.3	0.9
616	4/17/2014 20:46:11	15.14	48.08	31.36	7.97	7.96	8.6	1.857	96.0	3.9	2.3	0.9
617	4/17/2014 21:01:11	15.15	47.94	31.27	7.99	7.96	7.2	1.914	96.2	3.7	2.1	0.9
618	4/17/2014 21:16:11	15.04	48.09	31.37	7.90	7.95	8.4	1.980	95.1	3.8	2.2	0.9
619	4/17/2014 21:31:11	15.12	47.90	31.24	8.22	7.98	9.7	2.064	99.0	3.8	2.2	0.9
620	4/17/2014 21:46:11	14.98	47.98	31.29	8.10	7.97	8.6	2.152	97.3	3.3	1.9	0.8
621	4/17/2014 22:01:11	14.78	48.30	31.52	8.10	7.97	7.3	2.227	97.0	3.6	2.1	0.9
622	4/17/2014 22:16:11	14.43	48.60	31.73	8.10	7.97	7.3	2.309	96.5	3.4	2.0	0.8
623	4/17/2014 22:31:11	14.14	48.89	31.93	8.11	7.97	7.1	2.389	96.2	3.0	1.7	0.7
624	4/17/2014 22:46:11	13.83	49.00	32.00	8.14	7.97	8.3	2.463	96.0	3.6	2.1	0.8
625	4/17/2014 23:01:11	13.57	49.20	32.14	8.16	7.96	7.8	2.551	95.7	3.6	2.1	0.8
626	4/17/2014 23:16:11	13.40	49.39	32.27	8.18	7.97	8.0	2.629	95.7	3.4	2.0	0.8
627	4/17/2014 23:31:11	13.18	49.53	32.37	8.19	7.96	8.0	2.716	95.4	3.9	2.3	0.9
628	4/17/2014 23:46:11	12.93	49.69	32.47	8.20	7.96	9.4	2.805	95.2	4.0	2.3	0.9
629	4/18/2014 0:01:11	12.63	49.89	32.60	8.16	7.96	9.0	2.896	94.2	3.6	2.1	0.9
630	4/18/2014 0:16:12	12.42	49.91	32.61	8.13	7.95	8.3	2.989	93.4	4.5	2.6	1.1
631	4/18/2014 0:31:12	12.15	50.20	32.81	8.06	7.94	7.0	3.080	92.2	2.9	1.7	0.7
632	4/18/2014 0:46:11	11.88	50.23	32.82	8.02	7.94	7.9	3.170	91.3	3.5	2.0	0.8
633	4/18/2014 1:01:11	11.58	50.42	32.94	7.95	7.93	7.0	3.248	90.0	3.5	2.0	0.8
634	4/18/2014 1:16:11	11.23	50.77	33.17	7.83	7.92	5.7	3.322	88.1	3.2	1.9	0.7
635	4/18/2014 1:31:12	11.10	50.84	33.22	7.79	7.91	4.5	3.378	87.4	2.9	1.7	0.7
636	4/18/2014 1:46:12	10.96	50.90	33.25	7.71	7.91	4.1	3.432	86.2	3.2	1.9	0.8
637	4/18/2014 2:01:12	10.90	50.83	33.20	7.68	7.90	3.6	3.464	85.8	3.1	1.8	0.7
638	4/18/2014 2:16:12	10.99	50.92	33.27	7.55	7.90	5.0	3.469	84.5	3.7	2.1	0.9
639	4/18/2014 2:31:12	11.01	50.82	33.20	7.59	7.90	5.9	3.472	84.9	2.0	1.2	0.5
640	4/18/2014 2:46:11	10.89	50.88	33.24	7.62	7.90	4.9	3.447	85.1	3.1	1.8	0.7
641	4/18/2014 3:01:11	11.81	50.11	32.72	7.82	7.93	6.9	3.383	88.8	3.2	1.9	0.7
642	4/18/2014 3:16:11	11.65	50.35	32.89	7.82	7.93	6.8	3.306	88.6	3.4	2.0	0.8
643	4/18/2014 3:31:11	11.43	50.44	32.94	7.76	7.91	9.3	3.221	87.5	2.8	1.6	0.6
644	4/18/2014 3:46:12	12.05	50.14	32.76	7.77	7.93	7.5	3.118	88.7	2.8	1.6	0.7
645	4/18/2014 4:01:11	12.45	49.90	32.60	7.87	7.94	8.3	3.018	90.4	3.3	1.9	0.8
646	4/18/2014 4:16:11	12.66	49.67	32.45	7.86	7.94	11.1	2.903	90.7	3.0	1.7	0.7
647	4/18/2014 4:31:11	12.86	49.40	32.26	7.86	7.95	9.7	2.787	91.0	2.5	1.5	0.6
648	4/18/2014 4:46:12	13.07	49.43	32.29	7.89	7.95	10.8	2.680	91.7	2.7	1.6	0.6
649	4/18/2014 5:01:11	13.24	48.99	31.97	7.85	7.95	9.9	2.560	91.4	3.1	1.8	0.7
650	4/18/2014 5:16:12	13.35	49.25	32.17	7.76	7.94	9.5	2.421	90.7	3.0	1.7	0.7
651	4/18/2014 5:31:11	13.44	48.96	31.96	7.72	7.94	11.6	2.296	90.3	3.0	1.7	0.7
652	4/18/2014 5:46:11	13.53	48.71	31.78	7.66	7.93	9.9	2.178	89.6	2.5	1.5	0.6
653	4/18/2014 6:01:11	13.60	49.04	32.02	7.69	7.93	10.9	2.048	90.2	2.8	1.6	0.7
654	4/18/2014 6:16:11	13.69	48.85	31.89	7.61	7.93	10.3	1.897	89.3	3.3	1.9	0.8
655	4/18/2014 6:31:10	14.01	48.63	31.73	7.52	7.92	12.9	1.770	88.8	3.2	1.9	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
656	4/18/2014 6:46:10	14.06	48.53	31.67	7.42	7.91	11.1	1.625	87.7	2.8	1.6	0.7
657	4/18/2014 7:01:10	14.21	48.39	31.57	7.32	7.90	11.4	1.475	86.7	3.2	1.9	0.8
658	4/18/2014 7:16:11	14.40	48.22	31.45	7.20	7.89	10.9	1.342	85.6	2.7	1.6	0.6
659	4/18/2014 7:31:11	14.55	47.97	31.27	7.17	7.89	10.4	1.218	85.3	2.7	1.6	0.6
660	4/18/2014 7:46:11	14.66	48.02	31.31	7.09	7.89	10.2	1.107	84.6	3.3	1.9	0.8
661	4/18/2014 8:01:11	14.73	47.79	31.15	7.05	7.88	9.0	0.992	84.2	3.1	1.8	0.7
662	4/18/2014 8:16:11	14.79	47.49	30.93	7.00	7.88	9.0	0.903	83.5	3.3	1.9	0.8
663	4/18/2014 8:31:11	14.82	47.18	30.71	6.81	7.87	7.7	0.877	81.2	3.1	1.8	0.7
664	4/18/2014 8:46:11	14.80	47.33	30.82	6.99	7.88	7.9	0.856	83.4	3.1	1.8	0.7
665	4/18/2014 9:01:11	14.79	47.58	31.00	7.07	7.88	8.7	0.875	84.4	4.0	2.3	1.0
666	4/18/2014 9:16:11	14.78	47.74	31.12	7.08	7.88	9.4	0.948	84.7	2.8	1.6	0.7
667	4/18/2014 9:31:11	14.81	47.80	31.16	7.11	7.88	8.1	1.010	85.1	3.0	1.7	0.7
668	4/18/2014 9:46:11	14.86	47.97	31.28	7.13	7.89	8.3	1.083	85.4	2.9	1.7	0.7
669	4/18/2014 10:01:11	14.94	47.62	31.02	7.23	7.89	9.6	1.163	86.7	3.0	1.7	0.7
670	4/18/2014 10:16:11	14.80	47.67	31.06	7.17	7.88	9.7	1.254	85.6	3.4	2.0	0.8
671	4/18/2014 10:31:11	14.76	47.53	30.96	7.14	7.88	9.8	1.327	85.2	3.2	1.9	0.8
672	4/18/2014 10:46:11	14.71	47.62	31.02	7.14	7.88	10.5	1.412	85.1	3.1	1.8	0.7
673	4/18/2014 11:01:11	14.72	47.62	31.03	7.19	7.88	11.1	1.490	85.8	3.8	2.2	0.9
674	4/18/2014 11:16:11	14.60	47.98	31.28	7.17	7.89	9.4	1.576	85.5	3.0	1.7	0.7
675	4/18/2014 11:31:11	14.46	48.26	31.48	7.25	7.89	7.8	1.664	86.3	2.7	1.6	0.6
676	4/18/2014 11:46:11	14.30	48.27	31.48	7.35	7.90	9.5	1.763	87.1	3.2	1.9	0.7
677	4/18/2014 12:01:11	14.10	48.45	31.61	7.53	7.92	7.7	1.869	89.0	2.8	1.6	0.7
678	4/18/2014 12:16:11	14.04	48.65	31.75	7.58	7.92	7.7	1.960	89.6	2.2	1.3	0.5
679	4/18/2014 12:31:11	14.03	48.72	31.80	7.65	7.93	7.4	2.058	90.4	3.4	2.0	0.8
680	4/18/2014 12:46:11	14.02	48.73	31.81	7.69	7.93	7.9	2.154	90.8	2.8	1.6	0.7
681	4/18/2014 13:01:12	13.78	48.93	31.95	7.66	7.93	9.1	2.249	90.1	3.4	2.0	0.8
682	4/18/2014 13:16:11	13.70	49.02	32.01	7.69	7.93	8.7	2.338	90.4	3.0	1.7	0.7
683	4/18/2014 13:31:11	13.60	49.04	32.02	7.69	7.93	9.2	2.418	90.2	3.4	2.0	0.8
684	4/18/2014 13:46:11	13.52	49.07	32.04	7.78	7.93	9.7	2.503	91.1	3.0	1.7	0.7
685	4/18/2014 14:01:11	13.40	49.12	32.07	7.88	7.93	9.8	2.580	92.1	3.7	2.1	0.9
686	4/18/2014 14:16:11	13.23	49.43	32.30	7.88	7.93	8.7	2.649	91.9	4.2	2.4	1.0
687	4/18/2014 14:31:11	12.75	49.70	32.47	7.87	7.92	8.3	2.719	91.0	3.2	1.9	0.8
688	4/18/2014 14:46:11	12.41	50.01	32.69	8.01	7.93	7.6	2.787	92.0	4.1	2.4	1.0
689	4/18/2014 15:01:11	12.23	50.07	32.72	8.05	7.93	5.7	2.851	92.2	4.9	2.8	1.2
690	4/18/2014 15:16:12	12.10	50.30	32.88	8.04	7.93	5.4	2.894	92.0	4.0	2.3	0.9
691	4/18/2014 15:31:12	12.03	50.29	32.87	7.98	7.93	4.1	2.924	91.1	3.3	1.9	0.8
692	4/18/2014 15:46:12	12.26	50.15	32.77	7.87	7.93	5.3	2.956	90.2	3.6	2.1	0.8
693	4/18/2014 16:01:11	12.21	50.15	32.78	7.88	7.92	5.1	2.945	90.2	6.2	3.6	1.4
694	4/18/2014 16:16:12	12.09	50.34	32.91	7.97	7.93	5.4	2.908	91.2	3.2	1.9	0.7
695	4/18/2014 16:31:11	12.42	49.87	32.58	7.91	7.93	5.0	2.876	90.8	3.1	1.8	0.7
696	4/18/2014 16:46:11	13.09	49.67	32.46	8.00	7.94	5.8	2.811	93.1	3.2	1.9	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
697	4/18/2014 17:01:12	13.80	49.40	32.29	8.21	7.97	9.4	2.738	96.8	3.1	1.8	0.7
698	4/18/2014 17:16:11	13.97	49.39	32.29	8.15	7.96	7.2	2.667	96.5	3.0	1.7	0.7
699	4/18/2014 17:31:11	14.24	49.06	32.06	8.12	7.97	7.3	2.585	96.6	2.4	1.4	0.6
700	4/18/2014 17:46:12	14.45	49.08	32.07	8.19	7.97	6.7	2.504	97.8	3.2	1.9	0.8
701	4/18/2014 18:01:11	14.48	48.86	31.92	8.25	7.98	6.2	2.429	98.5	2.0	1.2	0.5
702	4/18/2014 18:16:11	14.56	48.87	31.93	8.30	7.98	7.0	2.354	99.2	2.0	1.2	0.5
703	4/18/2014 18:31:11	14.70	48.84	31.91	8.29	7.99	6.7	2.270	99.4	2.4	1.4	0.6
704	4/18/2014 18:46:11	14.83	48.61	31.75	8.58	8.01	6.6	2.214	103.0	2.8	1.6	0.7
705	4/18/2014 19:01:11	14.96	48.71	31.82	8.66	8.01	6.9	2.141	104.3	2.6	1.5	0.6
706	4/18/2014 19:16:11	15.05	48.60	31.74	8.65	8.01	6.4	2.061	104.4	2.7	1.6	0.6
707	4/18/2014 19:31:11	15.23	48.54	31.70	8.58	8.01	5.7	2.014	103.9	2.5	1.5	0.6
708	4/18/2014 19:46:11	15.50	48.38	31.60	8.53	8.00	6.2	1.958	103.6	3.2	1.9	0.7
709	4/18/2014 20:01:11	15.55	48.08	31.37	8.52	8.00	5.9	1.929	103.6	3.6	2.1	0.9
710	4/18/2014 20:16:11	15.58	48.22	31.48	8.43	8.00	6.3	1.881	102.6	3.6	2.1	0.8
711	4/18/2014 20:31:11	15.54	48.12	31.40	8.05	7.97	6.4	1.872	97.8	3.6	2.1	0.9
712	4/18/2014 20:46:11	15.30	48.25	31.49	8.11	7.96	4.8	1.870	98.2	3.7	2.1	0.9
713	4/18/2014 21:01:11	15.19	48.48	31.66	8.24	7.97	5.3	1.865	99.6	2.9	1.7	0.7
714	4/18/2014 21:16:11	15.49	48.25	31.49	8.47	7.99	5.4	1.889	102.8	3.0	1.7	0.7
715	4/18/2014 21:31:11	15.44	48.28	31.52	8.51	7.99	5.7	1.935	103.2	3.1	1.8	0.7
716	4/18/2014 21:46:11	15.28	48.43	31.62	8.44	7.99	7.0	1.992	102.2	3.4	2.0	0.8
717	4/18/2014 22:01:11	15.15	48.49	31.67	8.40	7.98	6.7	2.049	101.5	3.2	1.9	0.7
718	4/18/2014 22:16:11	15.42	48.39	31.60	8.63	8.00	7.0	2.115	104.7	2.8	1.6	0.7
719	4/18/2014 22:31:11	15.07	48.62	31.76	8.42	7.98	6.8	2.188	101.6	3.1	1.8	0.7
720	4/18/2014 22:46:11	14.68	48.84	31.91	8.31	7.97	7.0	2.266	99.5	3.2	1.9	0.8
721	4/18/2014 23:01:11	14.51	48.77	31.85	8.32	7.97	6.7	2.345	99.3	2.8	1.6	0.7
722	4/18/2014 23:16:11	13.81	49.28	32.20	8.15	7.94	7.0	2.418	96.1	2.8	1.6	0.7
723	4/18/2014 23:31:11	13.45	49.45	32.32	8.10	7.94	6.6	2.503	94.9	3.3	1.9	0.8
724	4/18/2014 23:46:11	13.33	49.54	32.38	8.10	7.94	6.6	2.584	94.7	3.6	2.1	0.8
725	4/19/2014 0:01:11	13.19	49.56	32.39	8.12	7.94	6.7	2.661	94.7	2.6	1.5	0.6
726	4/19/2014 0:16:12	12.91	49.96	32.67	8.10	7.93	6.8	2.740	94.1	2.7	1.6	0.6
727	4/19/2014 0:31:12	12.73	49.95	32.66	8.13	7.93	6.4	2.828	94.1	3.0	1.7	0.7
728	4/19/2014 0:46:11	12.55	50.07	32.73	8.18	7.93	7.1	2.919	94.3	2.5	1.5	0.6
729	4/19/2014 1:01:11	12.37	50.05	32.71	8.22	7.93	7.3	3.000	94.4	3.0	1.7	0.7
730	4/19/2014 1:16:12	12.00	50.37	32.92	8.27	7.93	6.3	3.087	94.3	2.7	1.6	0.6
731	4/19/2014 1:31:11	11.73	50.16	32.76	8.30	7.93	6.1	3.171	94.1	3.0	1.7	0.7
732	4/19/2014 1:46:12	11.52	50.71	33.15	8.30	7.92	5.7	3.237	93.9	2.6	1.5	0.6
733	4/19/2014 2:01:12	11.36	50.80	33.21	8.28	7.92	4.7	3.293	93.4	2.6	1.5	0.6
734	4/19/2014 2:16:11	11.13	50.73	33.14	8.22	7.91	3.9	3.351	92.2	1.7	1.0	0.4
735	4/19/2014 2:31:11	11.05	50.98	33.32	8.20	7.91	4.0	3.402	91.9	2.7	1.6	0.6
736	4/19/2014 2:46:12	10.95	51.03	33.35	8.15	7.91	2.9	3.426	91.2	2.6	1.5	0.6
737	4/19/2014 3:01:12	11.24	50.92	33.28	8.07	7.91	5.0	3.421	90.9	2.6	1.5	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
738	4/19/2014 3:16:12	11.09	51.01	33.34	8.04	7.91	4.8	3.415	90.2	2.6	1.5	0.6
739	4/19/2014 3:31:12	11.18	50.91	33.27	8.02	7.91	5.3	3.390	90.1	2.4	1.4	0.6
740	4/19/2014 3:46:12	11.86	50.37	32.92	8.01	7.92	6.3	3.318	91.1	2.6	1.5	0.6
741	4/19/2014 4:01:12	11.99	50.40	32.94	8.02	7.92	7.5	3.256	91.5	2.1	1.2	0.5
742	4/19/2014 4:16:12	12.19	50.20	32.81	7.97	7.92	6.4	3.185	91.2	2.9	1.7	0.7
743	4/19/2014 4:31:12	12.13	50.16	32.78	8.00	7.92	6.5	3.075	91.5	2.1	1.2	0.5
744	4/19/2014 4:46:12	12.59	49.83	32.56	7.97	7.93	9.0	2.984	91.9	2.6	1.5	0.6
745	4/19/2014 5:01:12	12.68	49.71	32.48	8.00	7.93	8.2	2.877	92.3	2.8	1.6	0.6
746	4/19/2014 5:16:11	12.91	49.61	32.41	7.95	7.93	8.4	2.756	92.2	2.1	1.2	0.5
747	4/19/2014 5:31:12	12.92	49.65	32.44	7.93	7.93	8.7	2.648	91.9	2.4	1.4	0.6
748	4/19/2014 5:46:11	13.29	49.36	32.25	7.92	7.94	9.5	2.546	92.5	2.5	1.5	0.6
749	4/19/2014 6:01:11	13.17	49.48	32.33	7.89	7.93	9.2	2.426	91.9	2.7	1.6	0.6
750	4/19/2014 6:16:11	13.45	49.19	32.13	7.77	7.92	8.8	2.299	91.0	2.6	1.5	0.6
751	4/19/2014 6:31:11	13.32	49.26	32.17	7.76	7.92	8.6	2.183	90.5	2.1	1.2	0.5
752	4/19/2014 6:46:11	13.43	49.20	32.14	7.74	7.92	8.4	2.045	90.5	2.0	1.2	0.5
753	4/19/2014 7:01:12	13.93	48.85	31.90	7.71	7.93	10.0	1.921	91.0	2.6	1.5	0.6
754	4/19/2014 7:16:11	14.08	48.73	31.81	7.68	7.92	10.3	1.779	90.9	3.0	1.7	0.7
755	4/19/2014 7:31:11	14.10	48.74	31.82	7.66	7.92	10.7	1.638	90.7	2.8	1.6	0.7
756	4/19/2014 7:46:12	14.39	48.61	31.73	7.54	7.91	10.3	1.513	89.8	3.1	1.8	0.7
757	4/19/2014 8:01:11	14.42	48.37	31.56	7.50	7.91	10.3	1.361	89.2	2.9	1.7	0.7
758	4/19/2014 8:16:11	14.73	48.31	31.52	7.45	7.91	8.7	1.253	89.2	2.9	1.7	0.7
759	4/19/2014 8:31:11	14.82	48.13	31.40	7.46	7.91	8.7	1.142	89.3	2.2	1.3	0.5
760	4/19/2014 8:46:11	14.98	48.12	31.39	7.42	7.91	8.9	1.029	89.2	3.0	1.7	0.7
761	4/19/2014 9:01:11	15.08	48.11	31.39	7.42	7.91	9.2	0.957	89.3	3.4	2.0	0.8
762	4/19/2014 9:16:11	15.13	48.03	31.33	7.34	7.91	7.3	0.930	88.4	3.3	1.9	0.8
763	4/19/2014 9:31:11	15.18	47.93	31.26	6.81	7.88	6.8	0.903	82.1	2.1	1.2	0.5
764	4/19/2014 9:46:11	15.10	48.09	31.38	7.42	7.91	7.3	0.918	89.4	2.8	1.6	0.6
765	4/19/2014 10:01:11	15.09	48.06	31.35	7.42	7.91	7.0	0.979	89.3	2.9	1.7	0.7
766	4/19/2014 10:16:11	15.06	48.17	31.43	7.43	7.91	7.5	1.035	89.4	3.0	1.7	0.7
767	4/19/2014 10:31:11	15.11	48.14	31.41	7.46	7.91	7.2	1.102	89.9	3.2	1.9	0.8
768	4/19/2014 10:46:11	15.20	48.06	31.35	7.48	7.91	7.3	1.187	90.3	3.1	1.8	0.7
769	4/19/2014 11:01:11	15.18	48.02	31.33	7.48	7.91	7.8	1.254	90.3	2.8	1.6	0.7
770	4/19/2014 11:16:11	15.07	48.07	31.35	7.41	7.90	7.0	1.326	89.2	2.8	1.6	0.7
771	4/19/2014 11:31:11	15.06	48.03	31.33	7.42	7.90	6.9	1.416	89.2	2.7	1.6	0.6
772	4/19/2014 11:46:11	15.06	47.95	31.27	7.42	7.90	7.1	1.484	89.3	2.4	1.4	0.6
773	4/19/2014 12:01:11	15.01	48.04	31.34	7.39	7.90	6.7	1.558	88.9	2.8	1.6	0.7
774	4/19/2014 12:16:11	14.81	48.18	31.44	7.47	7.90	6.8	1.657	89.5	2.8	1.6	0.7
775	4/19/2014 12:31:11	14.68	48.42	31.60	7.49	7.90	6.4	1.739	89.6	2.6	1.5	0.6
776	4/19/2014 12:46:11	14.34	48.58	31.71	7.53	7.90	7.2	1.836	89.5	2.5	1.5	0.6
777	4/19/2014 13:01:11	14.21	48.80	31.87	7.62	7.91	7.5	1.932	90.4	2.8	1.6	0.7
778	4/19/2014 13:16:12	14.16	49.00	32.01	7.64	7.91	6.8	2.020	90.7	2.8	1.6	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
779	4/19/2014 13:31:11	14.16	48.75	31.83	7.71	7.92	7.0	2.118	91.4	2.7	1.6	0.6
780	4/19/2014 13:46:11	14.10	49.01	32.02	7.76	7.92	7.3	2.210	91.9	2.7	1.6	0.6
781	4/19/2014 14:01:11	13.86	49.14	32.10	7.74	7.92	7.4	2.302	91.4	3.1	1.8	0.7
782	4/19/2014 14:16:11	13.76	49.23	32.16	7.74	7.91	7.0	2.387	91.2	2.6	1.5	0.6
783	4/19/2014 14:31:11	13.71	49.24	32.17	7.80	7.92	7.3	2.461	91.7	2.9	1.7	0.7
784	4/19/2014 14:46:12	13.54	49.39	32.27	7.85	7.92	7.6	2.542	92.2	3.3	1.9	0.8
785	4/19/2014 15:01:12	13.40	49.40	32.28	7.96	7.92	7.6	2.617	93.1	3.2	1.9	0.8
786	4/19/2014 15:16:11	13.33	49.51	32.35	8.01	7.92	7.5	2.679	93.7	2.6	1.5	0.6
787	4/19/2014 15:31:11	13.14	49.65	32.45	8.03	7.92	6.1	2.738	93.6	3.0	1.7	0.7
788	4/19/2014 15:46:11	12.74	49.92	32.63	8.14	7.92	5.9	2.806	94.1	3.0	1.7	0.7
789	4/19/2014 16:01:11	12.46	50.13	32.77	8.24	7.92	5.0	2.853	94.8	2.6	1.5	0.6
790	4/19/2014 16:16:12	12.38	50.33	32.91	8.17	7.92	3.7	2.883	94.0	2.5	1.5	0.6
791	4/19/2014 16:31:12	12.28	50.39	32.95	8.07	7.91	3.4	2.908	92.6	1.6	0.9	0.4
792	4/19/2014 16:46:12	12.52	50.12	32.76	7.83	7.91	4.3	2.932	90.2	1.8	1.0	0.4
793	4/19/2014 17:01:11	12.29	50.18	32.80	8.11	7.92	4.8	2.914	93.1	2.6	1.5	0.6
794	4/19/2014 17:16:11	12.28	50.18	32.80	8.15	7.92	5.0	2.884	93.5	1.9	1.1	0.4
795	4/19/2014 17:31:12	12.41	50.17	32.80	8.11	7.92	5.3	2.838	93.3	2.1	1.2	0.5
796	4/19/2014 17:46:12	13.33	49.54	32.38	8.04	7.93	6.1	2.777	94.0	2.0	1.2	0.5
797	4/19/2014 18:01:11	13.76	49.35	32.25	8.07	7.94	6.8	2.719	95.1	2.1	1.2	0.5
798	4/19/2014 18:16:12	14.06	49.31	32.23	8.16	7.96	7.0	2.636	96.8	2.6	1.5	0.6
799	4/19/2014 18:31:12	14.23	49.22	32.17	8.21	7.96	7.1	2.567	97.6	2.6	1.5	0.6
800	4/19/2014 18:46:11	14.25	49.23	32.18	8.14	7.96	5.1	2.498	96.9	2.5	1.5	0.6
801	4/19/2014 19:01:12	14.50	49.08	32.08	8.16	7.96	5.9	2.425	97.6	2.6	1.5	0.6
802	4/19/2014 19:16:12	14.50	49.08	32.08	8.14	7.96	5.9	2.359	97.3	2.1	1.2	0.5
803	4/19/2014 19:31:11	14.53	48.94	31.98	8.17	7.96	6.3	2.289	97.6	2.6	1.5	0.6
804	4/19/2014 19:46:12	14.67	49.01	32.03	8.40	7.99	6.4	2.235	100.8	2.2	1.3	0.5
805	4/19/2014 20:01:11	14.68	48.94	31.98	8.38	7.98	5.7	2.172	100.5	2.9	1.7	0.7
806	4/19/2014 20:16:11	14.74	48.74	31.84	8.43	7.98	6.5	2.120	101.1	3.3	1.9	0.8
807	4/19/2014 20:31:11	14.83	48.87	31.93	8.39	7.98	6.2	2.073	100.9	3.1	1.8	0.7
808	4/19/2014 20:46:11	14.94	48.74	31.84	8.38	7.98	6.4	2.032	100.9	3.5	2.0	0.8
809	4/19/2014 21:01:11	14.99	48.61	31.75	8.34	7.98	6.3	2.018	100.4	4.1	2.4	1.0
810	4/19/2014 21:16:11	15.04	48.63	31.77	8.25	7.97	5.9	1.995	99.5	4.3	2.5	1.0
811	4/19/2014 21:31:11	15.07	48.56	31.71	7.97	7.96	5.6	1.997	96.2	3.5	2.0	0.8
812	4/19/2014 21:46:11	14.99	48.66	31.78	8.25	7.97	5.7	1.999	99.4	3.5	2.0	0.8
813	4/19/2014 22:01:11	14.92	48.72	31.83	8.25	7.97	5.6	2.014	99.3	3.2	1.9	0.8
814	4/19/2014 22:16:11	14.91	48.71	31.82	8.27	7.97	6.2	2.060	99.5	3.5	2.0	0.8
815	4/19/2014 22:31:11	14.94	48.70	31.81	8.28	7.97	5.7	2.102	99.7	3.0	1.7	0.7
816	4/19/2014 22:46:11	14.86	48.73	31.83	8.26	7.96	6.4	2.150	99.3	2.9	1.7	0.7
817	4/19/2014 23:01:11	14.73	48.72	31.82	8.23	7.96	5.9	2.208	98.7	3.1	1.8	0.7
818	4/19/2014 23:16:11	14.82	48.84	31.91	8.38	7.97	6.4	2.279	100.7	3.0	1.7	0.7
819	4/19/2014 23:31:11	14.66	48.87	31.93	8.27	7.96	6.1	2.338	99.1	3.1	1.8	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
820	4/19/2014 23:46:11	14.41	49.15	32.13	8.19	7.95	7.8	2.404	97.7	3.0	1.7	0.7
821	4/20/2014 0:01:12	14.20	49.23	32.18	8.14	7.94	5.6	2.469	96.8	2.5	1.5	0.6
822	4/20/2014 0:16:12	13.83	49.52	32.38	8.10	7.93	5.9	2.542	95.7	3.1	1.8	0.7
823	4/20/2014 0:31:11	13.41	49.60	32.42	8.08	7.92	6.5	2.606	94.6	2.3	1.3	0.5
824	4/20/2014 0:46:11	13.07	49.81	32.56	8.06	7.92	7.0	2.680	93.9	3.2	1.9	0.8
825	4/20/2014 1:01:12	12.87	50.02	32.71	8.09	7.92	6.2	2.759	93.8	2.2	1.3	0.5
826	4/20/2014 1:16:12	12.66	50.03	32.71	8.06	7.91	5.9	2.839	93.2	2.8	1.6	0.7
827	4/20/2014 1:31:12	12.50	50.18	32.81	8.06	7.91	6.2	2.904	92.8	2.5	1.5	0.6
828	4/20/2014 1:46:12	12.37	50.20	32.82	8.10	7.91	6.5	2.969	93.1	2.7	1.6	0.6
829	4/20/2014 2:01:12	12.20	50.41	32.96	8.10	7.91	6.2	3.002	92.8	2.5	1.5	0.6
830	4/20/2014 2:16:12	12.05	50.49	33.02	8.10	7.91	6.2	3.143	92.6	1.9	1.1	0.5
831	4/20/2014 2:31:12	11.76	50.55	33.04	8.16	7.91	5.9	3.192	92.8	2.4	1.4	0.6
832	4/20/2014 2:46:12	11.51	50.67	33.12	8.17	7.91	5.9	3.228	92.4	2.2	1.3	0.5
833	4/20/2014 3:01:12	11.47	50.61	33.07	8.09	7.90	3.9	3.259	91.4	1.6	0.9	0.4
834	4/20/2014 3:16:12	11.33	50.92	33.29	8.11	7.90	4.2	3.276	91.5	1.6	0.9	0.4
835	4/20/2014 3:31:12	11.20	50.91	33.27	8.08	7.90	3.1	3.371	90.9	1.9	1.1	0.4
836	4/20/2014 3:46:12	11.30	50.79	33.19	7.98	7.90	3.7	3.355	89.9	2.3	1.3	0.5
837	4/20/2014 4:01:11	11.24	50.84	33.23	8.03	7.90	4.9	3.382	90.4	2.8	1.6	0.7
838	4/20/2014 4:16:12	11.19	50.97	33.32	8.02	7.90	4.5	3.365	90.1	1.7	1.0	0.4
839	4/20/2014 4:31:12	12.17	50.34	32.91	7.85	7.90	6.4	3.302	89.9	2.2	1.3	0.5
840	4/20/2014 4:46:11	12.16	50.25	32.85	7.84	7.90	6.8	3.266	89.8	2.0	1.2	0.5
841	4/20/2014 5:01:12	12.49	50.07	32.73	7.78	7.90	6.2	3.231	89.6	2.6	1.5	0.6
842	4/20/2014 5:16:12	12.57	49.82	32.55	7.78	7.90	6.7	3.142	89.7	1.8	1.0	0.4
843	4/20/2014 5:31:12	12.63	49.94	32.64	7.76	7.90	7.4	3.028	89.5	2.6	1.5	0.6
844	4/20/2014 5:46:12	12.78	49.94	32.65	7.74	7.90	8.6	2.938	89.7	2.0	1.2	0.5
845	4/20/2014 6:01:12	12.83	49.87	32.60	7.74	7.91	9.2	2.854	89.7	2.1	1.2	0.5
846	4/20/2014 6:16:12	12.90	49.82	32.57	7.75	7.90	8.4	2.766	90.0	2.0	1.2	0.5
847	4/20/2014 6:31:12	12.97	49.79	32.54	7.75	7.91	8.3	2.630	90.0	2.3	1.3	0.5
848	4/20/2014 6:46:12	13.16	49.68	32.47	7.69	7.90	8.0	2.542	89.7	2.4	1.4	0.6
849	4/20/2014 7:01:12	13.28	49.62	32.44	7.59	7.90	7.8	2.429	88.7	2.4	1.4	0.6
850	4/20/2014 7:16:12	13.43	49.48	32.33	7.59	7.90	8.6	2.280	88.9	2.3	1.3	0.5
851	4/20/2014 7:31:11	13.60	49.30	32.21	7.71	7.91	8.4	2.198	90.5	2.2	1.3	0.5
852	4/20/2014 7:46:12	13.81	48.98	31.99	7.67	7.91	8.3	2.030	90.3	2.6	1.5	0.6
853	4/20/2014 8:01:11	13.88	49.15	32.11	7.69	7.91	9.0	1.960	90.8	3.0	1.7	0.7
854	4/20/2014 8:16:12	14.23	48.92	31.95	7.66	7.92	9.2	1.828	91.0	2.5	1.5	0.6
855	4/20/2014 8:31:12	14.37	48.66	31.77	7.64	7.92	9.0	1.672	90.9	3.1	1.8	0.7
856	4/20/2014 8:46:11	14.47	48.59	31.72	7.66	7.92	9.9	1.535	91.3	3.0	1.7	0.7
857	4/20/2014 9:01:12	14.74	48.41	31.59	7.55	7.92	8.5	1.447	90.4	3.3	1.9	0.8
858	4/20/2014 9:16:11	14.76	48.46	31.64	7.52	7.91	8.0	1.367	90.1	3.0	1.7	0.7
859	4/20/2014 9:31:11	14.92	48.24	31.48	7.49	7.91	7.2	1.248	90.0	3.3	1.9	0.8
860	4/20/2014 9:46:11	14.94	48.10	31.38	7.51	7.91	7.1	1.141	90.1	2.8	1.6	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
861	4/20/2014 10:01:11	15.04	48.22	31.46	7.39	7.91	6.7	1.098	88.9	2.8	1.6	0.7
862	4/20/2014 10:16:11	15.13	48.14	31.41	7.32	7.91	6.5	1.073	88.3	3.9	2.3	0.9
863	4/20/2014 10:31:11	15.17	48.14	31.41	7.09	7.89	5.6	1.095	85.5	2.9	1.7	0.7
864	4/20/2014 10:46:11	14.98	48.35	31.56	7.39	7.91	4.9	1.071	88.9	3.6	2.1	0.8
865	4/20/2014 11:01:12	15.03	48.43	31.62	7.50	7.91	6.7	1.132	90.3	3.7	2.1	0.9
866	4/20/2014 11:16:12	15.00	48.44	31.62	7.47	7.91	6.1	1.146	89.9	3.3	1.9	0.8
867	4/20/2014 11:31:11	15.11	48.38	31.58	7.54	7.91	5.7	1.231	90.9	3.2	1.9	0.8
868	4/20/2014 11:46:11	15.14	48.43	31.62	7.56	7.91	5.7	1.310	91.3	2.9	1.7	0.7
869	4/20/2014 12:01:11	15.29	48.28	31.52	7.56	7.91	5.7	1.387	91.4	3.3	1.9	0.8
870	4/20/2014 12:16:11	15.05	48.36	31.57	7.54	7.91	5.6	1.479	90.8	3.4	2.0	0.8
871	4/20/2014 12:31:11	15.04	48.21	31.46	7.59	7.91	6.1	1.549	91.3	3.7	2.1	0.9
872	4/20/2014 12:46:11	14.99	48.29	31.52	7.58	7.91	5.8	1.585	91.2	3.7	2.1	0.9
873	4/20/2014 13:01:11	14.95	48.27	31.50	7.62	7.92	6.1	1.639	91.6	3.4	2.0	0.8
874	4/20/2014 13:16:12	14.81	48.53	31.69	7.64	7.92	6.4	1.736	91.6	2.9	1.7	0.7
875	4/20/2014 13:31:11	14.63	48.69	31.80	7.67	7.91	6.1	1.844	91.8	2.8	1.6	0.6
876	4/20/2014 13:46:12	14.36	48.97	31.99	7.65	7.91	6.7	1.948	91.1	2.7	1.6	0.6
877	4/20/2014 14:01:12	14.22	49.03	32.04	7.67	7.91	6.3	1.991	91.1	2.9	1.7	0.7
878	4/20/2014 14:16:12	14.12	49.23	32.17	7.69	7.91	6.4	2.112	91.2	3.1	1.8	0.7
879	4/20/2014 14:31:11	14.08	49.13	32.10	7.70	7.91	6.1	2.187	91.3	2.7	1.6	0.6
880	4/20/2014 14:46:11	14.00	49.25	32.18	7.75	7.91	6.5	2.291	91.7	3.4	2.0	0.8
881	4/20/2014 15:01:12	13.95	49.35	32.26	7.74	7.91	6.6	2.366	91.6	2.6	1.5	0.6
882	4/20/2014 15:16:11	13.83	49.38	32.28	7.77	7.91	6.4	2.437	91.8	2.5	1.5	0.6
883	4/20/2014 15:31:12	13.86	49.45	32.33	7.79	7.91	6.1	2.512	92.0	2.4	1.4	0.6
884	4/20/2014 15:46:12	13.55	49.57	32.41	7.77	7.90	7.2	2.579	91.2	2.5	1.5	0.6
885	4/20/2014 16:01:12	13.51	49.59	32.42	7.86	7.91	6.5	2.623	92.3	2.8	1.6	0.7
886	4/20/2014 16:16:11	13.48	49.62	32.44	7.97	7.91	6.2	2.692	93.5	2.9	1.7	0.7
887	4/20/2014 16:31:12	13.32	49.92	32.65	8.02	7.91	6.2	2.739	93.9	2.9	1.7	0.7
888	4/20/2014 16:46:12	12.94	50.16	32.81	8.23	7.92	5.7	2.815	95.7	2.8	1.6	0.7
889	4/20/2014 17:01:12	12.71	50.24	32.86	8.42	7.92	5.1	2.880	97.5	2.9	1.7	0.7
890	4/20/2014 17:16:12	12.56	50.48	33.03	8.61	7.93	4.6	2.897	99.5	3.0	1.7	0.7
891	4/20/2014 17:31:12	12.56	50.51	33.05	8.50	7.93	3.7	2.894	98.2	2.8	1.6	0.7
892	4/20/2014 17:46:12	12.63	50.51	33.05	8.49	7.92	6.4	2.940	98.2	3.0	1.7	0.7
893	4/20/2014 18:01:12	12.46	50.46	33.01	8.57	7.92	6.4	2.924	98.8	3.5	2.0	0.8
894	4/20/2014 18:16:12	12.48	50.38	32.95	8.58	7.93	6.1	2.884	98.9	2.8	1.6	0.7
895	4/20/2014 18:31:11	12.78	50.23	32.86	8.36	7.92	6.1	2.889	96.9	2.8	1.6	0.7
896	4/20/2014 18:46:12	13.66	49.74	32.53	8.12	7.93	6.8	2.805	95.6	2.9	1.7	0.7
897	4/20/2014 19:01:11	13.85	49.64	32.47	8.14	7.93	8.8	2.742	96.3	2.0	1.2	0.5
898	4/20/2014 19:16:11	13.60	49.87	32.63	8.23	7.93	8.6	2.722	96.9	3.2	1.9	0.8
899	4/20/2014 19:31:11	13.74	49.71	32.51	8.19	7.93	7.9	2.618	96.6	2.7	1.6	0.6
900	4/20/2014 19:46:11	13.75	49.60	32.44	8.17	7.94	7.8	2.555	96.4	2.1	1.2	0.5
901	4/20/2014 20:01:12	13.71	49.67	32.48	8.13	7.93	8.0	2.506	95.9	2.2	1.3	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
902	4/20/2014 20:16:12	13.99	49.55	32.40	8.16	7.94	8.1	2.439	96.7	2.8	1.6	0.6
903	4/20/2014 20:31:12	14.09	49.41	32.30	8.14	7.95	9.0	2.396	96.6	2.9	1.7	0.7
904	4/20/2014 20:46:12	14.12	49.59	32.44	8.20	7.96	8.7	2.340	97.4	2.9	1.7	0.7
905	4/20/2014 21:01:11	14.30	49.27	32.21	8.20	7.96	8.3	2.288	97.6	3.4	2.0	0.8
906	4/20/2014 21:16:12	14.33	49.39	32.30	8.19	7.96	8.0	2.208	97.7	2.8	1.6	0.7
907	4/20/2014 21:31:12	14.67	49.04	32.05	8.20	7.96	6.5	2.172	98.4	3.4	2.0	0.8
908	4/20/2014 21:46:11	15.02	48.82	31.90	8.24	7.97	6.3	2.146	99.4	4.2	2.4	1.0
909	4/20/2014 22:01:11	14.99	48.81	31.90	8.17	7.96	5.9	2.115	98.5	3.6	2.1	0.8
910	4/20/2014 22:16:11	15.04	48.78	31.87	8.11	7.96	5.8	2.100	97.8	3.8	2.2	0.9
911	4/20/2014 22:31:11	15.11	48.75	31.85	7.82	7.94	6.6	2.101	94.4	3.9	2.3	0.9
912	4/20/2014 22:46:11	14.89	48.77	31.86	7.99	7.95	5.1	2.086	96.1	3.8	2.2	0.9
913	4/20/2014 23:01:11	15.00	48.84	31.92	8.24	7.97	6.1	2.075	99.4	3.3	1.9	0.8
914	4/20/2014 23:16:11	14.91	48.97	32.01	8.20	7.96	6.8	2.135	98.7	3.2	1.9	0.8
915	4/20/2014 23:31:11	14.85	49.01	32.04	8.19	7.95	6.5	2.151	98.5	4.0	2.3	0.9
916	4/20/2014 23:46:11	14.80	48.97	32.00	8.15	7.95	7.7	2.208	98.0	3.0	1.7	0.7
917	4/21/2014 0:01:11	14.89	48.98	32.02	8.27	7.97	7.5	2.253	99.6	2.8	1.6	0.7
918	4/21/2014 0:16:11	14.84	49.02	32.05	8.26	7.96	6.9	2.328	99.4	2.9	1.7	0.7
919	4/21/2014 0:31:11	14.60	49.10	32.10	8.13	7.94	6.5	2.370	97.4	3.1	1.8	0.7
920	4/21/2014 0:46:11	14.45	49.33	32.26	8.06	7.94	6.3	2.398	96.3	3.0	1.7	0.7
921	4/21/2014 1:01:12	14.20	49.41	32.31	8.18	7.94	6.4	2.495	97.3	2.5	1.5	0.6
922	4/21/2014 1:16:12	13.94	49.43	32.32	8.21	7.93	6.6	2.551	97.1	2.7	1.6	0.6
923	4/21/2014 1:31:12	13.57	49.67	32.48	8.27	7.92	6.2	2.612	97.3	2.3	1.3	0.5
924	4/21/2014 1:46:11	13.19	49.88	32.62	8.39	7.92	6.2	2.654	98.0	2.8	1.6	0.7
925	4/21/2014 2:01:12	12.65	50.22	32.85	8.61	7.91	5.7	2.699	99.5	2.6	1.5	0.6
926	4/21/2014 2:16:12	12.48	50.34	32.93	8.68	7.91	6.5	2.811	100.0	2.4	1.4	0.6
927	4/21/2014 2:31:12	12.24	50.42	32.97	8.78	7.91	5.9	2.863	100.7	2.7	1.6	0.6
928	4/21/2014 2:46:12	12.12	50.53	33.04	8.81	7.91	5.7	2.930	100.9	2.4	1.4	0.6
929	4/21/2014 3:01:12	12.15	50.50	33.03	8.81	7.91	6.7	3.012	100.9	2.0	1.2	0.5
930	4/21/2014 3:16:12	11.97	50.61	33.10	8.89	7.91	6.7	3.069	101.5	2.4	1.4	0.6
931	4/21/2014 3:31:12	11.82	50.70	33.16	8.94	7.91	6.1	3.119	101.8	2.6	1.5	0.6
932	4/21/2014 3:46:12	11.75	50.64	33.11	8.94	7.91	5.2	3.143	101.6	1.8	1.0	0.4
933	4/21/2014 4:01:12	11.52	50.73	33.16	8.98	7.91	5.5	3.193	101.7	2.1	1.2	0.5
934	4/21/2014 4:16:12	11.29	50.82	33.22	9.03	7.90	4.2	3.252	101.8	2.6	1.5	0.6
935	4/21/2014 4:31:12	11.25	50.87	33.25	8.94	7.89	4.3	3.246	100.6	2.2	1.3	0.5
936	4/21/2014 4:46:12	11.40	50.73	33.16	8.83	7.89	5.4	3.277	99.7	20.0	11.6	4.7
937	4/21/2014 5:01:11	11.27	50.71	33.14	8.95	7.89	5.6	3.286	100.7	1.4	0.8	0.3
938	4/21/2014 5:16:12	11.19	50.76	33.17	8.99	7.89	6.3	3.240	101.0	2.1	1.2	0.5
939	4/21/2014 5:31:12	11.58	50.67	33.12	8.78	7.90	5.4	3.214	99.5	2.1	1.2	0.5
940	4/21/2014 5:46:12	12.64	50.13	32.78	8.30	7.91	8.3	3.156	95.9	2.1	1.2	0.5
941	4/21/2014 6:01:12	12.75	50.14	32.79	8.19	7.90	8.6	3.099	94.9	2.6	1.5	0.6
942	4/21/2014 6:16:12	12.73	49.97	32.67	8.21	7.90	6.8	2.977	95.0	1.6	0.9	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
943	4/21/2014 6:31:12	12.84	50.04	32.72	8.14	7.90	7.3	2.923	94.4	2.4	1.4	0.6
944	4/21/2014 6:46:12	12.88	50.09	32.76	8.24	7.91	7.8	2.846	95.7	2.5	1.5	0.6
945	4/21/2014 7:01:12	12.85	49.94	32.65	8.15	7.90	7.6	2.715	94.5	2.0	1.2	0.5
946	4/21/2014 7:16:12	13.06	49.63	32.43	8.12	7.91	7.4	2.648	94.4	2.3	1.3	0.5
947	4/21/2014 7:31:12	13.09	49.97	32.68	8.03	7.90	7.0	2.538	93.6	2.0	1.2	0.5
948	4/21/2014 7:46:11	13.31	49.53	32.37	7.97	7.90	8.8	2.436	93.1	2.6	1.5	0.6
949	4/21/2014 8:01:12	13.54	49.67	32.48	7.82	7.90	7.6	2.339	91.9	2.5	1.5	0.6
950	4/21/2014 8:16:12	13.72	49.53	32.38	7.75	7.90	7.7	2.212	91.3	2.6	1.5	0.6
951	4/21/2014 8:31:12	13.76	49.57	32.41	7.85	7.91	7.5	2.121	92.6	2.6	1.5	0.6
952	4/21/2014 8:46:12	13.87	49.37	32.27	7.94	7.92	7.9	1.996	93.8	3.0	1.7	0.7
953	4/21/2014 9:01:11	14.28	49.15	32.12	7.85	7.93	7.5	1.898	93.4	2.7	1.6	0.6
954	4/21/2014 9:16:12	14.39	49.12	32.10	7.94	7.93	7.6	1.795	94.7	3.4	2.0	0.8
955	4/21/2014 9:31:12	14.59	49.05	32.06	7.96	7.94	7.2	1.663	95.3	3.2	1.9	0.7
956	4/21/2014 9:46:11	14.89	48.63	31.76	7.88	7.96	7.2	1.549	94.8	3.7	2.1	0.9
957	4/21/2014 10:01:11	14.97	48.70	31.81	7.95	7.95	7.3	1.465	95.8	3.2	1.9	0.8
958	4/21/2014 10:16:11	15.20	48.53	31.69	7.87	7.95	7.4	1.350	95.2	3.2	1.9	0.7
959	4/21/2014 10:31:11	15.32	48.49	31.67	7.76	7.95	6.9	1.291	94.1	3.1	1.8	0.7
960	4/21/2014 10:46:11	15.36	48.58	31.74	7.74	7.95	6.8	1.211	93.9	3.6	2.1	0.8
961	4/21/2014 11:01:11	15.41	48.51	31.69	7.68	7.95	6.5	1.156	93.2	3.5	2.0	0.8
962	4/21/2014 11:16:11	15.41	48.40	31.60	7.39	7.92	4.7	1.139	89.7	2.4	1.4	0.6
963	4/21/2014 11:31:11	15.39	48.56	31.72	7.74	7.94	5.8	1.139	93.9	3.3	1.9	0.8
964	4/21/2014 11:46:11	15.20	48.48	31.66	7.63	7.93	5.1	1.112	92.2	3.0	1.7	0.7
965	4/21/2014 12:01:11	15.23	48.73	31.84	7.78	7.94	6.2	1.136	94.2	3.7	2.1	0.9
966	4/21/2014 12:16:11	15.25	48.72	31.83	7.91	7.95	7.3	1.219	95.9	3.6	2.1	0.8
967	4/21/2014 12:31:11	15.28	48.74	31.85	7.87	7.95	6.1	1.265	95.4	3.8	2.2	0.9
968	4/21/2014 12:46:11	15.21	48.73	31.84	7.85	7.94	5.6	1.282	95.0	4.7	2.7	1.1
969	4/21/2014 13:01:11	15.31	48.58	31.73	7.88	7.95	6.1	1.407	95.5	4.1	2.4	1.0
970	4/21/2014 13:16:11	15.26	48.62	31.76	7.85	7.94	6.4	1.471	95.1	4.0	2.3	0.9
971	4/21/2014 13:31:11	15.17	48.64	31.77	7.81	7.94	6.2	1.539	94.4	4.1	2.4	1.0
972	4/21/2014 13:46:11	15.18	48.57	31.72	7.86	7.94	6.2	1.619	95.0	4.2	2.4	1.0
973	4/21/2014 14:01:11	15.06	48.66	31.79	7.83	7.94	5.9	1.693	94.5	3.7	2.1	0.9
974	4/21/2014 14:16:11	14.79	48.79	31.87	7.81	7.93	5.7	1.786	93.7	3.0	1.7	0.7
975	4/21/2014 14:31:11	14.76	48.95	31.99	7.86	7.92	5.6	1.848	94.4	3.5	2.0	0.8
976	4/21/2014 14:46:12	14.37	49.28	32.22	7.84	7.91	6.2	1.954	93.6	3.3	1.9	0.8
977	4/21/2014 15:01:12	14.21	49.34	32.26	7.88	7.91	6.4	2.021	93.8	3.4	2.0	0.8
978	4/21/2014 15:16:11	14.19	49.34	32.26	7.90	7.91	6.7	2.096	93.9	2.5	1.5	0.6
979	4/21/2014 15:31:12	14.21	49.53	32.40	7.97	7.92	6.7	2.193	94.9	3.0	1.7	0.7
980	4/21/2014 15:46:12	14.14	49.45	32.34	8.01	7.92	7.3	2.267	95.2	2.6	1.5	0.6
981	4/21/2014 16:01:12	14.02	49.59	32.44	8.01	7.91	6.7	2.342	95.0	2.8	1.6	0.7
982	4/21/2014 16:16:11	13.97	49.57	32.42	8.10	7.91	6.7	2.423	96.0	2.9	1.7	0.7
983	4/21/2014 16:31:11	13.76	49.59	32.43	8.17	7.91	7.6	2.517	96.4	2.7	1.6	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
984	4/21/2014 16:46:12	13.55	49.75	32.54	8.27	7.91	7.4	2.558	97.2	2.9	1.7	0.7
985	4/21/2014 17:01:12	13.41	49.76	32.54	8.39	7.91	7.8	2.645	98.4	2.8	1.6	0.7
986	4/21/2014 17:16:11	13.23	49.80	32.57	8.51	7.91	7.3	2.714	99.4	2.7	1.6	0.6
987	4/21/2014 17:31:11	13.09	49.96	32.67	8.56	7.91	6.5	2.751	99.7	2.6	1.5	0.6
988	4/21/2014 17:46:12	12.73	50.22	32.85	8.63	7.91	5.7	2.836	100.0	2.3	1.3	0.5
989	4/21/2014 18:01:12	12.37	50.35	32.93	8.80	7.91	5.5	2.866	101.2	3.0	1.7	0.7
990	4/21/2014 18:16:12	12.22	50.57	33.08	8.93	7.91	4.7	2.900	102.5	2.5	1.5	0.6
991	4/21/2014 18:31:12	12.17	50.61	33.11	8.92	7.91	4.1	2.940	102.3	2.0	1.2	0.5
992	4/21/2014 18:46:12	12.18	50.60	33.10	8.76	7.90	5.0	2.965	100.4	2.3	1.3	0.5
993	4/21/2014 19:01:12	12.14	50.59	33.09	8.88	7.91	6.0	2.956	101.8	3.8	2.2	0.9
994	4/21/2014 19:16:12	12.06	50.64	33.13	8.93	7.91	5.7	2.959	102.2	2.4	1.4	0.6
995	4/21/2014 19:31:12	12.12	50.62	33.11	8.88	7.91	5.0	2.941	101.7	2.0	1.2	0.5
996	4/21/2014 19:46:12	12.41	50.45	33.00	8.69	7.90	6.0	2.873	100.1	2.3	1.3	0.5
997	4/21/2014 20:01:12	12.63	50.24	32.86	8.53	7.91	10.0	2.816	98.6	2.5	1.5	0.6
998	4/21/2014 20:16:12	12.31	50.34	32.92	8.71	7.91	15.5	2.754	100.1	3.5	2.0	0.8
999	4/21/2014 20:31:12	12.38	50.22	32.83	8.64	7.92	15.6	2.697	99.3	3.7	2.1	0.9
1000	4/21/2014 20:46:12	12.74	49.99	32.68	8.47	7.91	14.1	2.609	98.0	3.3	1.9	0.8
1001	4/21/2014 21:01:12	13.10	49.77	32.54	8.33	7.92	14.2	2.531	97.0	3.3	1.9	0.8
1002	4/21/2014 21:16:12	13.39	49.58	32.41	8.13	7.91	11.4	2.500	95.2	3.6	2.1	0.8
1003	4/21/2014 21:31:12	13.32	49.53	32.37	8.10	7.91	13.1	2.431	94.6	3.5	2.0	0.8
1004	4/21/2014 21:46:11	13.29	49.45	32.31	8.05	7.91	13.0	2.372	94.0	3.3	1.9	0.8
1005	4/21/2014 22:01:12	13.42	49.51	32.36	7.99	7.91	13.3	2.338	93.5	3.4	2.0	0.8
1006	4/21/2014 22:16:12	13.79	49.16	32.11	7.92	7.92	11.2	2.272	93.3	3.3	1.9	0.8
1007	4/21/2014 22:31:11	13.74	49.30	32.22	7.83	7.91	10.4	2.219	92.2	3.4	2.0	0.8
1008	4/21/2014 22:46:11	13.96	49.20	32.15	7.91	7.92	10.2	2.190	93.5	4.0	2.3	1.0
1009	4/21/2014 23:01:12	14.01	49.10	32.08	7.90	7.93	9.7	2.144	93.5	4.4	2.6	1.0
1010	4/21/2014 23:16:12	14.39	48.90	31.95	7.88	7.94	8.7	2.117	93.9	4.2	2.4	1.0
1011	4/21/2014 23:31:12	14.37	48.92	31.96	7.77	7.93	8.5	2.081	92.6	4.8	2.8	1.1
1012	4/21/2014 23:46:11	14.49	48.80	31.87	7.66	7.93	6.5	2.098	91.4	5.1	3.0	1.2
1013	4/22/2014 0:01:11	14.20	49.18	32.14	7.84	7.92	5.9	2.079	93.2	3.0	1.7	0.7
1014	4/22/2014 0:16:12	14.17	49.10	32.08	7.84	7.91	6.7	2.082	93.0	3.8	2.2	0.9
1015	4/22/2014 0:31:12	14.38	48.95	31.98	7.93	7.94	7.6	2.125	94.4	3.4	2.0	0.8
1016	4/22/2014 0:46:11	14.30	48.90	31.94	7.90	7.93	7.9	2.146	94.0	3.1	1.8	0.7
1017	4/22/2014 1:01:12	14.18	49.18	32.14	7.84	7.92	7.9	2.168	93.2	4.2	2.4	1.0
1018	4/22/2014 1:16:11	14.14	49.11	32.09	7.91	7.92	8.1	2.227	93.9	3.0	1.7	0.7
1019	4/22/2014 1:31:12	14.03	49.22	32.17	7.93	7.92	7.6	2.269	93.9	2.9	1.7	0.7
1020	4/22/2014 1:46:11	13.96	49.22	32.17	7.93	7.92	7.4	2.326	93.8	3.0	1.7	0.7
1021	4/22/2014 2:01:12	13.86	49.36	32.26	7.97	7.91	7.5	2.378	94.2	3.4	2.0	0.8
1022	4/22/2014 2:16:11	13.70	49.49	32.35	8.02	7.91	6.7	2.440	94.4	3.3	1.9	0.8
1023	4/22/2014 2:31:12	13.52	49.52	32.37	8.07	7.91	6.8	2.490	94.8	2.9	1.7	0.7
1024	4/22/2014 2:46:11	13.14	49.73	32.51	8.25	7.90	7.5	2.546	96.2	3.1	1.8	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
1025	4/22/2014 3:01:12	12.94	50.03	32.72	8.33	7.90	7.1	2.621	96.8	2.6	1.5	0.6
1026	4/22/2014 3:16:12	12.73	50.13	32.79	8.43	7.91	6.8	2.671	97.6	2.5	1.5	0.6
1027	4/22/2014 3:31:12	12.51	50.26	32.87	8.55	7.91	6.2	2.748	98.6	2.5	1.5	0.6
1028	4/22/2014 3:46:12	12.36	50.27	32.87	8.67	7.92	5.9	2.805	99.6	2.5	1.5	0.6
1029	4/22/2014 4:01:12	12.16	50.38	32.94	8.78	7.92	6.3	2.856	100.6	2.6	1.5	0.6
1030	4/22/2014 4:16:12	12.00	50.51	33.03	8.88	7.93	5.9	2.917	101.4	3.2	1.9	0.8
1031	4/22/2014 4:31:12	11.98	50.51	33.03	8.87	7.93	5.5	2.982	101.3	3.5	2.0	0.8
1032	4/22/2014 4:46:11	11.84	50.35	32.90	8.99	7.94	5.4	3.023	102.2	3.4	2.0	0.8
1033	4/22/2014 5:01:11	11.70	50.45	32.97	9.07	7.94	5.7	3.073	102.8	2.9	1.7	0.7
1034	4/22/2014 5:16:12	11.62	50.58	33.06	9.09	7.95	4.5	3.115	103.0	3.1	1.8	0.7
1035	4/22/2014 5:31:12	11.54	50.63	33.09	9.03	7.94	3.8	3.141	102.1	3.0	1.7	0.7
1036	4/22/2014 5:46:12	11.72	50.52	33.02	8.90	7.94	6.1	3.148	101.0	3.5	2.0	0.8
1037	4/22/2014 6:01:12	11.63	50.67	33.12	8.92	7.94	6.2	3.167	101.1	2.3	1.3	0.5
1038	4/22/2014 6:16:12	11.55	50.71	33.15	8.96	7.94	5.8	3.159	101.5	2.7	1.6	0.6
1039	4/22/2014 6:31:12	11.47	50.68	33.12	9.06	7.95	5.7	3.133	102.4	2.8	1.6	0.7
1040	4/22/2014 6:46:12	11.52	50.63	33.09	8.99	7.95	5.9	3.089	101.7	1.7	1.0	0.4
1041	4/22/2014 7:01:12	12.71	49.96	32.66	8.07	7.89	9.0	3.023	93.4	2.5	1.5	0.6
1042	4/22/2014 7:16:12	12.66	49.96	32.66	8.06	7.89	7.3	2.974	93.2	2.2	1.3	0.5
1043	4/22/2014 7:31:12	12.68	49.93	32.63	8.11	7.90	7.5	2.878	93.7	1.9	1.1	0.4
1044	4/22/2014 7:46:12	12.93	49.68	32.47	7.97	7.90	7.9	2.796	92.5	2.3	1.3	0.5
1045	4/22/2014 8:01:12	12.83	49.73	32.50	8.14	7.91	6.7	2.726	94.3	2.4	1.4	0.6
1046	4/22/2014 8:16:12	13.00	49.86	32.60	8.02	7.90	9.4	2.624	93.3	2.4	1.4	0.6
1047	4/22/2014 8:31:12	13.15	49.68	32.47	7.96	7.89	7.6	2.541	92.8	2.4	1.4	0.6
1048	4/22/2014 8:46:12	13.32	49.69	32.48	7.91	7.90	7.5	2.463	92.6	2.4	1.4	0.6
1049	4/22/2014 9:01:12	13.58	49.45	32.32	7.76	7.90	7.7	2.351	91.2	2.8	1.6	0.7
1050	4/22/2014 9:16:11	13.74	49.18	32.13	7.74	7.90	8.4	2.254	91.2	3.2	1.9	0.8
1051	4/22/2014 9:31:11	13.87	49.23	32.17	7.83	7.91	8.9	2.153	92.4	3.4	2.0	0.8
1052	4/22/2014 9:46:11	13.88	49.32	32.24	7.95	7.92	7.6	2.064	93.9	2.4	1.4	0.6
1053	4/22/2014 10:01:12	14.17	49.19	32.15	7.95	7.93	7.8	1.944	94.5	3.5	2.0	0.8
1054	4/22/2014 10:16:11	14.38	48.96	31.99	8.05	7.94	8.1	1.826	95.9	3.0	1.7	0.7
1055	4/22/2014 10:31:12	14.70	49.00	32.03	8.09	7.95	8.1	1.725	97.0	2.9	1.7	0.7
1056	4/22/2014 10:46:12	14.92	48.94	31.99	8.11	7.97	7.9	1.613	97.7	3.3	1.9	0.8
1057	4/22/2014 11:01:12	15.11	48.75	31.85	8.17	7.98	7.6	1.508	98.8	3.3	1.9	0.8
1058	4/22/2014 11:16:11	15.26	48.64	31.77	8.14	7.98	7.2	1.430	98.6	3.0	1.7	0.7
1059	4/22/2014 11:31:11	15.35	48.62	31.76	8.14	7.99	6.4	1.350	98.8	3.5	2.0	0.8
1060	4/22/2014 11:46:11	15.42	48.52	31.69	8.08	7.99	6.5	1.278	98.1	2.9	1.7	0.7
1061	4/22/2014 12:01:11	15.37	48.58	31.73	7.92	7.98	5.1	1.206	96.1	2.8	1.6	0.7
1062	4/22/2014 12:16:11	15.36	48.57	31.73	7.41	7.95	4.2	1.200	89.9	1.7	1.0	0.4
1063	4/22/2014 12:31:11	15.49	48.56	31.72	8.09	7.98	6.3	1.185	98.4	3.0	1.7	0.7
1064	4/22/2014 12:46:11	15.20	48.68	31.81	8.01	7.97	5.6	1.191	97.0	3.3	1.9	0.8
1065	4/22/2014 13:01:11	15.23	48.65	31.78	8.05	7.97	6.0	1.209	97.5	3.4	2.0	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
1066	4/22/2014 13:16:11	15.29	48.68	31.81	8.15	7.98	6.2	1.236	98.8	3.9	2.3	0.9
1067	4/22/2014 13:31:11	15.47	48.63	31.78	8.18	7.97	6.5	1.303	99.5	3.3	1.9	0.8
1068	4/22/2014 13:46:11	15.33	48.67	31.80	8.15	7.97	6.4	1.362	98.9	3.7	2.1	0.9
1069	4/22/2014 14:01:11	15.44	48.24	31.49	8.12	7.96	7.2	1.434	98.6	4.1	2.4	1.0
1070	4/22/2014 14:16:12	15.27	48.48	31.66	8.05	7.96	6.4	1.498	97.4	3.7	2.1	0.9
1071	4/22/2014 14:31:11	15.15	48.54	31.70	7.98	7.95	6.1	1.571	96.4	3.7	2.1	0.9
1072	4/22/2014 14:46:11	15.19	48.52	31.69	8.00	7.95	6.3	1.653	96.7	3.9	2.3	0.9
1073	4/22/2014 15:01:11	14.97	48.71	31.82	7.95	7.95	7.2	1.707	95.7	3.9	2.3	0.9
1074	4/22/2014 15:16:12	14.79	48.71	31.81	7.86	7.94	6.1	1.800	94.4	3.6	2.1	0.9
1075	4/22/2014 15:31:11	14.84	48.77	31.86	7.92	7.94	6.0	1.889	95.2	3.2	1.9	0.7
1076	4/22/2014 15:46:11	14.33	49.12	32.10	7.86	7.91	7.3	1.957	93.6	3.4	2.0	0.8
1077	4/22/2014 16:01:12	14.14	49.15	32.12	7.87	7.91	6.5	2.040	93.4	2.9	1.7	0.7
1078	4/22/2014 16:16:12	14.07	49.28	32.21	7.89	7.91	7.1	2.125	93.6	3.3	1.9	0.8
1079	4/22/2014 16:31:11	14.01	49.28	32.21	7.92	7.90	6.5	2.218	93.8	2.9	1.7	0.7
1080	4/22/2014 16:46:11	13.92	49.34	32.25	7.97	7.90	7.0	2.288	94.2	3.3	1.9	0.8
1081	4/22/2014 17:01:11	13.81	49.49	32.36	8.00	7.90	7.0	2.373	94.5	3.1	1.8	0.7
1082	4/22/2014 17:16:11	13.96	49.42	32.31	8.12	7.91	7.0	2.453	96.1	2.6	1.5	0.6
1083	4/22/2014 17:31:11	13.72	49.55	32.40	8.13	7.90	6.8	2.525	95.8	2.8	1.6	0.7
1084	4/22/2014 17:46:11	13.52	49.65	32.46	8.29	7.91	7.4	2.596	97.4	2.9	1.7	0.7
1085	4/22/2014 18:01:11	13.47	49.67	32.48	8.49	7.92	8.5	2.664	99.6	2.9	1.7	0.7
1086	4/22/2014 18:16:12	13.33	49.93	32.66	8.59	7.92	8.1	2.737	100.6	3.3	1.9	0.8
1087	4/22/2014 18:31:11	13.20	49.81	32.57	8.72	7.93	7.1	2.799	101.9	2.5	1.5	0.6
1088	4/22/2014 18:46:11	12.92	50.06	32.74	8.83	7.94	6.5	2.865	102.6	3.0	1.7	0.7
1089	4/22/2014 19:01:11	12.60	50.25	32.87	9.11	7.96	5.8	2.916	105.3	3.0	1.7	0.7
1090	4/22/2014 19:16:12	12.45	50.34	32.93	9.26	7.97	5.0	2.961	106.7	5.1	3.0	1.2
1091	4/22/2014 19:31:12	12.39	50.32	32.91	9.26	7.97	4.6	2.983	106.5	2.7	1.6	0.6
1092	4/22/2014 19:46:12	12.32	50.44	32.99	9.22	7.96	4.3	3.000	106.0	2.8	1.6	0.7
1093	4/22/2014 20:01:12	12.48	50.51	33.05	9.10	7.97	6.5	3.016	105.0	4.0	2.3	0.9
1094	4/22/2014 20:16:12	12.33	50.43	32.99	9.28	7.98	5.4	3.000	106.6	2.4	1.4	0.6
1095	4/22/2014 20:31:12	12.34	50.46	33.01	9.25	7.97	5.5	2.960	106.4	3.2	1.9	0.7
1096	4/22/2014 20:46:11	12.41	50.27	32.87	9.15	7.96	5.4	2.917	105.2	3.5	2.0	0.8
1097	4/22/2014 21:01:12	13.12	49.90	32.63	8.61	7.94	6.4	2.857	100.4	3.4	2.0	0.8
1098	4/22/2014 21:16:11	13.48	49.79	32.57	8.39	7.93	7.2	2.797	98.5	2.9	1.7	0.7
1099	4/22/2014 21:31:12	13.27	49.88	32.62	8.31	7.92	7.8	2.729	97.1	3.4	2.0	0.8
1100	4/22/2014 21:46:12	13.74	49.66	32.48	8.38	7.94	8.8	2.648	98.8	3.0	1.7	0.7
1101	4/22/2014 22:01:12	13.97	49.59	32.44	8.32	7.95	6.9	2.590	98.6	3.3	1.9	0.8
1102	4/22/2014 22:16:12	14.18	49.52	32.39	8.20	7.95	6.8	2.529	97.6	2.9	1.7	0.7
1103	4/22/2014 22:31:12	14.17	49.52	32.39	8.15	7.94	7.0	2.461	97.0	2.9	1.7	0.7
1104	4/22/2014 22:46:12	14.22	49.45	32.34	7.96	7.93	7.6	2.393	94.8	2.5	1.5	0.6
1105	4/22/2014 23:01:11	14.23	49.35	32.26	7.91	7.92	5.6	2.340	94.2	2.5	1.5	0.6
1106	4/22/2014 23:16:12	14.15	49.52	32.39	7.71	7.91	8.3	2.269	91.7	2.9	1.7	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
1107	4/22/2014 23:31:11	14.05	49.44	32.33	7.78	7.91	8.6	2.199	92.3	3.5	2.0	0.8
1108	4/22/2014 23:46:12	14.40	49.13	32.11	7.90	7.93	6.4	2.162	94.3	3.8	2.2	0.9
1109	4/23/2014 0:01:11	14.43	49.00	32.02	7.91	7.93	7.0	2.102	94.3	3.8	2.2	0.9
1110	4/23/2014 0:16:11	14.35	49.15	32.12	7.97	7.94	7.5	2.057	95.0	3.5	2.0	0.8
1111	4/23/2014 0:31:12	14.67	49.07	32.07	7.99	7.95	7.0	2.027	95.8	4.1	2.4	1.0
1112	4/23/2014 0:46:11	14.79	48.73	31.83	8.01	7.95	6.0	1.996	96.2	4.2	2.4	1.0
1113	4/23/2014 1:01:11	15.00	48.73	31.84	7.58	7.94	5.7	1.971	91.3	2.8	1.6	0.7
1114	4/23/2014 1:16:11	14.90	48.83	31.91	7.52	7.93	4.8	1.961	90.5	2.6	1.5	0.6
1115	4/23/2014 1:31:11	14.61	48.93	31.97	7.91	7.94	5.6	1.961	94.7	3.6	2.1	0.8
1116	4/23/2014 1:46:12	14.56	49.00	32.02	7.85	7.93	6.8	1.985	93.9	3.6	2.1	0.8
1117	4/23/2014 2:01:11	14.51	49.01	32.03	7.86	7.93	7.0	2.004	93.9	3.5	2.0	0.8
1118	4/23/2014 2:16:11	14.47	48.99	32.01	7.85	7.92	8.1	2.044	93.7	3.7	2.1	0.9
1119	4/23/2014 2:31:12	14.45	49.18	32.15	7.92	7.93	7.3	2.094	94.6	3.3	1.9	0.8
1120	4/23/2014 2:46:12	14.35	49.25	32.20	7.91	7.92	7.2	2.142	94.3	3.3	1.9	0.8
1121	4/23/2014 3:01:12	14.33	49.18	32.15	7.95	7.93	7.6	2.196	94.7	3.8	2.2	0.9
1122	4/23/2014 3:16:12	14.22	49.17	32.13	7.91	7.92	7.0	2.253	94.0	3.1	1.8	0.7
1123	4/23/2014 3:31:12	14.06	49.39	32.29	7.93	7.92	7.3	2.318	94.1	3.3	1.9	0.8
1124	4/23/2014 3:46:12	13.91	49.35	32.26	7.95	7.91	6.3	2.385	94.0	2.8	1.6	0.7
1125	4/23/2014 4:01:11	13.55	49.67	32.48	8.09	7.91	7.0	2.451	95.1	2.6	1.5	0.6
1126	4/23/2014 4:16:11	13.43	49.61	32.43	8.13	7.91	6.7	2.513	95.3	3.5	2.0	0.8
1127	4/23/2014 4:31:12	13.32	49.69	32.49	8.20	7.91	6.2	2.575	95.9	2.8	1.6	0.7
1128	4/23/2014 4:46:12	13.16	49.91	32.64	8.27	7.91	6.8	2.636	96.5	3.0	1.7	0.7
1129	4/23/2014 5:01:12	13.04	49.93	32.65	8.35	7.92	5.6	2.691	97.2	2.2	1.3	0.5
1130	4/23/2014 5:16:12	12.94	50.00	32.70	8.42	7.92	5.9	2.755	97.8	2.6	1.5	0.6
1131	4/23/2014 5:31:12	12.75	50.11	32.77	8.53	7.93	5.8	2.818	98.8	2.9	1.7	0.7
1132	4/23/2014 5:46:12	12.49	50.23	32.85	8.66	7.93	6.3	2.867	99.8	2.8	1.6	0.7
1133	4/23/2014 6:01:12	12.34	50.23	32.84	8.75	7.94	6.0	2.905	100.6	3.1	1.8	0.7
1134	4/23/2014 6:16:12	12.26	50.40	32.96	8.80	7.94	5.6	2.954	101.0	2.5	1.5	0.6
1135	4/23/2014 6:31:11	12.11	50.19	32.80	8.88	7.94	5.7	3.007	101.5	2.9	1.7	0.7
1136	4/23/2014 6:46:12	11.97	50.46	32.99	8.94	7.94	5.3	3.053	102.0	2.4	1.4	0.6
1137	4/23/2014 7:01:12	11.93	50.53	33.04	8.90	7.94	4.8	3.080	101.5	2.9	1.7	0.7
1138	4/23/2014 7:16:12	11.87	50.52	33.02	8.83	7.94	3.3	3.071	100.6	2.1	1.2	0.5
1139	4/23/2014 7:31:12	11.96	50.45	32.98	8.72	7.94	4.9	3.090	99.5	2.0	1.2	0.5
1140	4/23/2014 7:46:12	11.97	50.42	32.96	8.78	7.94	5.4	3.062	100.1	2.0	1.2	0.5
1141	4/23/2014 8:01:11	11.93	50.46	32.99	8.81	7.94	5.3	3.022	100.4	2.4	1.4	0.6
1142	4/23/2014 8:16:12	12.83	49.93	32.64	8.27	7.92	6.5	2.969	95.9	2.0	1.2	0.5
1143	4/23/2014 8:31:12	13.26	49.46	32.32	7.96	7.90	8.7	2.886	92.9	2.3	1.3	0.5
1144	4/23/2014 8:46:12	12.90	49.98	32.68	8.31	7.92	7.6	2.827	96.4	2.3	1.3	0.5
1145	4/23/2014 9:01:11	13.08	49.83	32.58	8.18	7.92	6.7	2.750	95.3	1.9	1.1	0.5
1146	4/23/2014 9:16:11	13.12	49.61	32.42	8.21	7.92	7.6	2.662	95.6	2.0	1.2	0.5
1147	4/23/2014 9:31:12	13.25	49.84	32.59	8.13	7.91	7.4	2.582	95.1	2.6	1.5	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
1148	4/23/2014 9:46:12	13.47	49.62	32.44	8.00	7.91	7.3	2.491	93.9	2.6	1.5	0.6
1149	4/23/2014 10:01:12	13.81	49.47	32.34	7.81	7.91	8.3	2.395	92.2	2.2	1.3	0.5
1150	4/23/2014 10:16:12	13.99	49.36	32.26	7.75	7.91	8.7	2.297	91.8	2.4	1.4	0.6
1151	4/23/2014 10:31:12	14.18	49.30	32.23	7.88	7.93	8.0	2.208	93.7	3.0	1.7	0.7
1152	4/23/2014 10:46:12	14.25	49.15	32.12	8.02	7.94	8.6	2.110	95.4	2.8	1.6	0.7
1153	4/23/2014 11:01:12	14.41	49.21	32.17	8.09	7.96	8.7	2.004	96.6	3.6	2.1	0.8
1154	4/23/2014 11:16:11	14.54	49.08	32.08	8.17	7.97	8.1	1.900	97.8	3.5	2.0	0.8
1155	4/23/2014 11:31:11	14.66	49.03	32.05	8.35	7.99	8.1	1.795	100.0	3.3	1.9	0.8
1156	4/23/2014 11:46:11	14.88	48.97	32.01	8.34	8.00	7.7	1.695	100.4	3.4	2.0	0.8
1157	4/23/2014 12:01:12	14.96	48.92	31.97	8.45	8.01	7.2	1.592	101.9	3.4	2.0	0.8
1158	4/23/2014 12:16:11	15.03	48.82	31.90	8.45	8.01	7.3	1.482	101.9	3.2	1.9	0.7
1159	4/23/2014 12:31:11	15.06	48.67	31.80	8.39	8.01	7.0	1.411	101.2	3.1	1.8	0.7
1160	4/23/2014 12:46:11	15.10	48.75	31.85	8.40	8.01	7.1	1.342	101.4	3.4	2.0	0.8
1161	4/23/2014 13:01:11	15.12	48.81	31.89	8.37	8.01	7.3	1.286	101.2	3.6	2.1	0.8
1162	4/23/2014 13:16:11	15.10	48.71	31.82	7.94	7.98	5.3	1.255	95.9	2.4	1.4	0.6
1163	4/23/2014 13:31:12	15.11	48.69	31.81	7.30	7.95	4.0	1.228	88.2	2.3	1.3	0.5
1164	4/23/2014 13:46:12	15.12	48.83	31.91	8.34	8.00	5.4	1.236	100.8	3.7	2.1	0.9
1165	4/23/2014 14:01:12	15.12	48.71	31.83	8.38	8.01	6.7	1.257	101.2	4.4	2.6	1.0
1166	4/23/2014 14:16:11	15.06	48.66	31.79	8.34	8.00	6.1	1.290	100.6	3.9	2.3	0.9
1167	4/23/2014 14:31:11	15.01	48.79	31.88	8.34	8.00	6.3	1.344	100.6	4.0	2.3	0.9
1168	4/23/2014 14:46:11	14.98	48.72	31.83	8.35	8.00	6.2	1.410	100.6	4.5	2.6	1.1
1169	4/23/2014 15:01:11	14.95	48.49	31.66	8.40	7.99	6.9	1.475	101.0	4.4	2.6	1.0
1170	4/23/2014 15:16:11	14.93	48.30	31.52	8.37	7.99	6.4	1.540	100.6	4.7	2.7	1.1
1171	4/23/2014 15:31:11	14.90	48.39	31.59	8.33	7.99	6.8	1.629	100.1	4.1	2.4	1.0
1172	4/23/2014 15:46:11	14.83	48.54	31.69	8.25	7.98	6.1	1.688	99.0	4.2	2.4	1.0
1173	4/23/2014 16:01:12	14.76	48.67	31.79	8.24	7.97	5.8	1.776	98.8	3.7	2.1	0.9
1174	4/23/2014 16:16:11	14.67	48.77	31.86	8.16	7.96	5.4	1.843	97.7	4.0	2.3	0.9
1175	4/23/2014 16:31:11	14.60	48.81	31.89	8.16	7.96	5.9	1.928	97.7	3.7	2.1	0.9
1176	4/23/2014 16:46:11	14.13	49.19	32.15	8.06	7.92	6.3	2.003	95.6	3.1	1.8	0.7
1177	4/23/2014 17:01:12	14.04	49.20	32.15	8.10	7.92	6.3	2.096	96.0	3.9	2.3	0.9
1178	4/23/2014 17:16:12	14.02	49.31	32.23	8.07	7.92	7.1	2.184	95.7	3.7	2.1	0.9
1179	4/23/2014 17:31:12	13.91	49.44	32.33	8.09	7.92	7.0	2.268	95.7	3.0	1.7	0.7
1180	4/23/2014 17:46:12	13.78	49.48	32.35	8.10	7.91	6.7	2.347	95.5	2.7	1.6	0.6
1181	4/23/2014 18:01:12	13.62	49.49	32.35	8.09	7.91	7.3	2.438	95.2	3.1	1.8	0.7
1182	4/23/2014 18:16:11	13.49	49.55	32.39	8.13	7.91	7.5	2.517	95.4	2.8	1.6	0.7
1183	4/23/2014 18:31:12	13.32	49.74	32.52	8.21	7.91	7.6	2.601	96.1	3.4	2.0	0.8
1184	4/23/2014 18:46:12	13.08	49.78	32.54	8.41	7.92	8.6	2.678	97.9	3.1	1.8	0.7
1185	4/23/2014 19:01:12	12.88	49.94	32.65	8.53	7.93	9.2	2.757	98.9	3.4	2.0	0.8
1186	4/23/2014 19:16:12	12.75	49.96	32.66	8.58	7.93	7.3	2.832	99.3	2.8	1.6	0.6
1187	4/23/2014 19:31:11	12.58	50.01	32.69	8.67	7.93	7.5	2.901	100.0	2.9	1.7	0.7
1188	4/23/2014 19:46:12	12.28	50.30	32.89	8.85	7.94	7.5	2.984	101.5	3.3	1.9	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
1189	4/23/2014 20:01:12	12.11	50.32	32.90	8.95	7.94	7.0	3.041	102.4	3.0	1.7	0.7
1190	4/23/2014 20:16:11	11.99	50.41	32.96	9.00	7.94	5.9	3.085	102.7	3.1	1.8	0.7
1191	4/23/2014 20:31:12	11.91	50.46	32.99	9.00	7.94	4.3	3.121	102.6	2.6	1.5	0.6
1192	4/23/2014 20:46:12	11.88	50.50	33.01	8.94	7.94	4.2	3.146	101.8	3.1	1.8	0.7
1193	4/23/2014 21:01:11	12.06	50.08	32.72	8.82	7.94	6.5	3.154	100.6	2.3	1.3	0.5
1194	4/23/2014 21:16:12	11.99	50.42	32.96	8.84	7.94	6.4	3.146	100.9	3.8	2.2	0.9
1195	4/23/2014 21:31:12	11.86	50.54	33.04	8.92	7.94	5.9	3.103	101.5	2.6	1.5	0.6
1196	4/23/2014 21:46:12	12.11	50.30	32.88	8.74	7.93	5.4	3.041	99.9	2.7	1.6	0.6
1197	4/23/2014 22:01:12	12.75	49.88	32.60	8.41	7.92	7.9	2.983	97.3	3.1	1.8	0.7
1198	4/23/2014 22:16:12	12.78	49.91	32.62	8.43	7.93	8.7	2.921	97.6	3.3	1.9	0.8
1199	4/23/2014 22:31:12	12.61	50.03	32.71	8.49	7.93	8.3	2.832	98.0	2.6	1.5	0.6
1200	4/23/2014 22:46:11	13.06	49.69	32.47	8.43	7.94	9.7	2.744	98.0	3.2	1.9	0.7
1201	4/23/2014 23:01:11	13.05	49.49	32.33	8.43	7.93	7.2	2.667	97.9	2.8	1.6	0.7
1202	4/23/2014 23:16:12	13.11	49.84	32.59	8.35	7.93	7.3	2.581	97.3	2.7	1.6	0.6
1203	4/23/2014 23:31:12	13.33	49.46	32.32	8.16	7.92	7.2	2.497	95.4	2.8	1.6	0.7
1204	4/23/2014 23:46:12	13.49	49.38	32.27	8.02	7.92	6.6	2.422	94.1	3.0	1.7	0.7
1205	4/24/2014 0:01:12	13.62	49.43	32.31	7.87	7.91	7.2	2.351	92.6	2.8	1.6	0.7
1206	4/24/2014 0:16:12	13.75	49.35	32.25	7.77	7.91	7.8	2.281	91.5	3.5	2.0	0.8
1207	4/24/2014 0:31:11	13.70	49.32	32.23	7.91	7.91	7.3	2.196	93.1	2.9	1.7	0.7
1208	4/24/2014 0:46:12	13.52	49.58	32.41	7.89	7.91	8.6	2.127	92.6	3.2	1.9	0.8
1209	4/24/2014 1:01:11	13.82	49.20	32.15	7.83	7.91	6.7	2.055	92.4	4.0	2.3	0.9
1210	4/24/2014 1:16:12	13.79	49.26	32.19	7.85	7.91	7.5	1.991	92.5	3.7	2.1	0.9
1211	4/24/2014 1:31:11	13.91	49.18	32.13	7.85	7.92	6.8	1.927	92.8	3.3	1.9	0.8
1212	4/24/2014 1:46:12	14.07	49.15	32.12	7.85	7.93	6.1	1.879	93.0	4.2	2.4	1.0
1213	4/24/2014 2:01:12	14.28	48.94	31.97	7.82	7.94	5.4	1.835	93.0	4.2	2.4	1.0
1214	4/24/2014 2:16:11	14.34	48.81	31.87	7.76	7.94	4.7	1.803	92.3	4.6	2.7	1.1
1215	4/24/2014 2:31:11	14.41	48.83	31.89	7.58	7.94	5.1	1.780	90.3	3.8	2.2	0.9
1216	4/24/2014 2:46:11	14.39	48.78	31.85	7.81	7.95	4.8	1.801	93.0	4.1	2.4	1.0
1217	4/24/2014 3:01:12	14.27	48.94	31.97	7.82	7.94	6.1	1.812	93.0	4.0	2.3	0.9
1218	4/24/2014 3:16:11	14.18	48.92	31.95	7.82	7.93	7.8	1.852	92.8	4.2	2.4	1.0
1219	4/24/2014 3:31:11	14.16	48.76	31.84	7.87	7.93	7.9	1.893	93.3	4.1	2.4	1.0
1220	4/24/2014 3:46:11	14.03	48.95	31.97	7.81	7.92	7.9	1.956	92.4	3.9	2.3	0.9
1221	4/24/2014 4:01:12	14.01	48.79	31.85	7.75	7.91	8.3	2.024	91.6	4.0	2.3	0.9
1222	4/24/2014 4:16:12	13.95	48.97	31.98	7.75	7.91	7.7	2.109	91.5	3.4	2.0	0.8
1223	4/24/2014 4:31:12	13.88	49.05	32.04	7.75	7.90	6.9	2.165	91.4	3.2	1.9	0.8
1224	4/24/2014 4:46:12	13.75	49.30	32.21	7.75	7.90	7.4	2.230	91.3	3.5	2.0	0.8
1225	4/24/2014 5:01:12	13.58	49.31	32.22	7.77	7.89	7.2	2.298	91.2	2.8	1.6	0.6
1226	4/24/2014 5:16:11	13.35	49.47	32.33	7.93	7.90	6.5	2.359	92.8	3.0	1.7	0.7
1227	4/24/2014 5:31:12	13.24	49.62	32.43	8.01	7.90	6.4	2.435	93.5	3.0	1.7	0.7
1228	4/24/2014 5:46:12	13.17	49.65	32.45	8.03	7.90	5.9	2.496	93.7	3.0	1.7	0.7
1229	4/24/2014 6:01:12	13.13	49.71	32.50	8.07	7.91	6.0	2.550	94.1	3.2	1.9	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
1230	4/24/2014 6:16:12	13.07	49.75	32.52	8.12	7.91	6.7	2.624	94.5	2.7	1.6	0.6
1231	4/24/2014 6:31:12	12.90	49.83	32.57	8.18	7.91	7.2	2.690	94.9	2.7	1.6	0.6
1232	4/24/2014 6:46:12	12.71	49.98	32.67	8.24	7.91	6.6	2.753	95.3	2.5	1.5	0.6
1233	4/24/2014 7:01:12	12.57	50.05	32.72	8.28	7.91	5.9	2.812	95.5	2.5	1.5	0.6
1234	4/24/2014 7:16:12	12.44	50.10	32.75	8.35	7.91	6.4	2.885	96.1	2.5	1.5	0.6
1235	4/24/2014 7:31:12	12.32	50.08	32.73	8.40	7.91	6.7	2.938	96.4	2.4	1.4	0.6
1236	4/24/2014 7:46:12	12.21	50.15	32.77	8.43	7.91	5.6	2.986	96.5	2.2	1.3	0.5
1237	4/24/2014 8:01:12	12.08	50.30	32.88	8.51	7.91	4.5	3.029	97.2	2.7	1.6	0.6
1238	4/24/2014 8:16:12	12.00	50.29	32.87	8.47	7.91	3.7	3.052	96.6	1.9	1.1	0.4
1239	4/24/2014 8:31:12	11.95	50.25	32.83	8.38	7.91	3.9	3.085	95.4	2.1	1.2	0.5
1240	4/24/2014 8:46:12	12.24	50.09	32.73	8.22	7.90	6.2	3.084	94.2	2.4	1.4	0.6
1241	4/24/2014 9:01:12	12.03	50.14	32.76	8.37	7.91	5.3	3.064	95.5	1.9	1.1	0.4
1242	4/24/2014 9:16:12	12.01	50.28	32.86	8.42	7.91	5.3	3.042	96.1	1.8	1.0	0.4
1243	4/24/2014 9:31:12	12.43	49.96	32.65	8.19	7.90	6.9	2.992	94.2	2.4	1.4	0.6
1244	4/24/2014 9:46:12	12.92	49.65	32.44	8.07	7.90	7.0	2.925	93.6	2.5	1.5	0.6
1245	4/24/2014 10:01:12	12.80	49.81	32.55	8.13	7.91	7.3	2.856	94.2	2.7	1.6	0.6
1246	4/24/2014 10:16:12	12.88	49.65	32.44	8.15	7.91	7.9	2.768	94.5	2.4	1.4	0.6
1247	4/24/2014 10:31:12	13.10	49.53	32.36	8.06	7.91	8.0	2.682	93.8	2.6	1.5	0.6
1248	4/24/2014 10:46:12	13.10	49.59	32.41	8.05	7.91	6.5	2.601	93.7	2.2	1.3	0.5
1249	4/24/2014 11:01:12	13.21	49.56	32.38	8.01	7.91	6.7	2.512	93.5	2.1	1.2	0.5
1250	4/24/2014 11:16:12	13.46	49.20	32.13	7.89	7.90	6.9	2.406	92.3	2.2	1.3	0.5
1251	4/24/2014 11:31:12	13.55	49.36	32.26	7.83	7.90	6.7	2.327	91.8	2.6	1.5	0.6
1252	4/24/2014 11:46:12	13.74	49.22	32.16	7.80	7.90	7.9	2.220	91.8	2.4	1.4	0.6
1253	4/24/2014 12:01:12	13.84	49.22	32.16	8.04	7.92	9.7	2.118	94.9	3.2	1.9	0.8
1254	4/24/2014 12:16:12	13.96	49.04	32.03	8.04	7.93	8.0	2.029	95.0	2.9	1.7	0.7
1255	4/24/2014 12:31:12	14.07	48.99	32.00	8.23	7.94	8.1	1.913	97.5	3.1	1.8	0.7
1256	4/24/2014 12:46:11	14.20	48.98	32.00	8.24	7.95	6.9	1.806	97.9	3.6	2.1	0.9
1257	4/24/2014 13:01:12	14.34	48.93	31.96	8.20	7.96	6.5	1.713	97.7	3.5	2.0	0.8
1258	4/24/2014 13:16:11	14.54	48.78	31.86	8.33	7.98	6.9	1.613	99.5	3.7	2.1	0.9
1259	4/24/2014 13:31:11	14.67	48.73	31.83	8.39	7.98	7.7	1.525	100.5	3.4	2.0	0.8
1260	4/24/2014 13:46:11	14.75	48.57	31.71	8.38	7.99	9.0	1.453	100.4	3.2	1.9	0.8
1261	4/24/2014 14:01:11	14.81	48.69	31.80	8.28	7.97	7.8	1.401	99.4	2.7	1.6	0.6
1262	4/24/2014 14:16:11	14.88	48.63	31.76	8.09	7.97	6.5	1.369	97.2	2.6	1.5	0.6
1263	4/24/2014 14:31:12	14.93	48.65	31.78	7.80	7.96	8.9	1.320	93.9	2.7	1.6	0.6
1264	4/24/2014 14:46:12	14.79	48.73	31.83	8.21	7.97	7.1	1.332	98.6	3.1	1.8	0.7
1265	4/24/2014 15:01:11	14.77	48.60	31.73	8.33	7.98	10.6	1.364	99.8	3.9	2.3	0.9
1266	4/24/2014 15:16:11	14.70	48.75	31.84	8.30	7.97	7.9	1.382	99.5	3.6	2.1	0.8
1267	4/24/2014 15:31:11	14.66	48.73	31.83	8.28	7.97	8.7	1.417	99.1	4.2	2.4	1.0
1268	4/24/2014 15:46:12	14.60	48.74	31.83	8.22	7.96	7.6	1.481	98.3	3.3	1.9	0.8
1269	4/24/2014 16:01:11	14.59	48.56	31.70	8.24	7.96	7.2	1.552	98.4	3.7	2.1	0.9
1270	4/24/2014 16:16:11	14.59	48.45	31.62	8.25	7.95	7.2	1.617	98.5	3.8	2.2	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
1271	4/24/2014 16:31:12	14.53	48.57	31.71	8.21	7.95	7.4	1.697	97.9	4.2	2.4	1.0
1272	4/24/2014 16:46:12	14.43	48.65	31.77	8.17	7.94	7.8	1.779	97.3	3.6	2.1	0.9
1273	4/24/2014 17:01:12	14.40	48.85	31.90	8.13	7.94	6.5	1.859	96.9	3.9	2.3	0.9
1274	4/24/2014 17:16:12	14.23	48.86	31.91	8.06	7.93	6.7	1.949	95.8	3.0	1.7	0.7
1275	4/24/2014 17:31:12	14.02	48.93	31.96	8.03	7.92	6.6	2.034	95.0	3.4	2.0	0.8
1276	4/24/2014 17:46:12	13.89	49.17	32.12	8.02	7.91	6.8	2.112	94.8	3.3	1.9	0.8
1277	4/24/2014 18:01:12	13.84	49.06	32.05	8.05	7.91	7.3	2.214	94.9	3.3	1.9	0.8
1278	4/24/2014 18:16:12	13.79	49.25	32.19	8.05	7.91	7.4	2.299	94.9	3.2	1.9	0.7
1279	4/24/2014 18:31:12	13.63	49.37	32.26	8.08	7.91	8.1	2.389	95.0	3.3	1.9	0.8
1280	4/24/2014 18:46:12	13.43	49.51	32.36	8.08	7.90	9.2	2.478	94.6	3.0	1.7	0.7
1281	4/24/2014 19:01:12	13.34	49.48	32.33	8.12	7.90	8.9	2.568	94.9	2.8	1.6	0.7
1282	4/24/2014 19:16:12	13.14	49.47	32.32	8.17	7.90	10.8	2.657	95.2	3.3	1.9	0.8
1283	4/24/2014 19:31:12	12.94	49.65	32.45	8.37	7.91	14.0	2.746	97.1	4.0	2.3	1.0
1284	4/24/2014 19:46:12	12.78	49.84	32.57	8.44	7.91	13.1	2.846	97.7	3.6	2.1	0.9
1285	4/24/2014 20:01:12	12.55	49.99	32.67	8.57	7.92	11.0	2.918	98.8	4.3	2.5	1.0
1286	4/24/2014 20:16:11	12.24	49.98	32.65	8.78	7.93	9.8	3.009	100.6	3.6	2.1	0.8
1287	4/24/2014 20:31:12	11.99	50.18	32.79	9.01	7.95	9.7	3.098	102.7	4.3	2.5	1.0
1288	4/24/2014 20:46:11	11.82	49.90	32.57	9.14	7.96	7.0	3.159	103.7	3.8	2.2	0.9
1289	4/24/2014 21:01:12	11.67	50.28	32.84	9.24	7.97	6.7	3.222	104.7	4.7	2.7	1.1
1290	4/24/2014 21:16:12	11.55	50.41	32.93	9.29	7.98	5.3	3.270	105.0	3.6	2.1	0.8
1291	4/24/2014 21:31:12	11.51	50.20	32.78	9.23	7.97	4.8	3.299	104.2	3.4	2.0	0.8
1292	4/24/2014 21:46:12	11.79	50.07	32.69	8.83	7.96	7.6	3.316	100.2	4.3	2.5	1.0
1293	4/24/2014 22:01:12	11.59	50.40	32.92	9.06	7.97	6.4	3.301	102.5	3.5	2.0	0.8
1294	4/24/2014 22:16:12	11.57	50.30	32.85	9.12	7.97	6.8	3.268	103.1	3.8	2.2	0.9
1295	4/24/2014 22:31:12	12.07	49.91	32.59	8.85	7.95	8.7	3.210	100.9	3.3	1.9	0.8
1296	4/24/2014 22:46:11	12.22	49.82	32.54	8.66	7.94	9.1	3.133	99.0	3.6	2.1	0.8
1297	4/24/2014 23:01:12	12.15	49.96	32.64	8.75	7.95	9.1	3.049	100.0	3.1	1.8	0.7
1298	4/24/2014 23:16:12	12.45	49.85	32.57	8.59	7.94	8.1	2.949	98.7	3.0	1.7	0.7
1299	4/24/2014 23:31:12	12.95	49.60	32.41	8.26	7.92	9.3	2.852	95.8	3.2	1.9	0.8
1300	4/24/2014 23:46:12	12.80	49.61	32.41	8.38	7.92	9.0	2.755	96.9	2.5	1.5	0.6
1301	4/25/2014 0:01:12	12.99	49.49	32.33	8.31	7.92	10.6	2.669	96.5	2.1	1.2	0.5
1302	4/25/2014 0:16:12	12.99	49.57	32.38	8.25	7.92	8.7	2.571	95.8	3.3	1.9	0.8
1303	4/25/2014 0:31:12	13.06	49.59	32.40	8.24	7.92	7.7	2.464	95.8	2.8	1.6	0.7
1304	4/25/2014 0:46:12	13.30	49.52	32.36	8.04	7.91	9.0	2.380	94.0	3.0	1.7	0.7
1305	4/25/2014 1:01:12	13.52	49.17	32.11	7.80	7.89	8.6	2.288	91.4	3.7	2.1	0.9
1306	4/25/2014 1:16:12	13.55	49.15	32.10	7.82	7.90	9.4	2.195	91.7	3.5	2.0	0.8
1307	4/25/2014 1:31:12	13.70	49.19	32.13	7.79	7.90	7.8	2.099	91.6	3.8	2.2	0.9
1308	4/25/2014 1:46:12	13.49	49.15	32.10	7.91	7.91	8.6	2.011	92.7	3.5	2.0	0.8
1309	4/25/2014 2:01:12	13.69	49.07	32.05	7.97	7.93	8.0	1.910	93.7	3.7	2.1	0.9
1310	4/25/2014 2:16:11	13.83	48.99	31.99	7.99	7.94	8.3	1.826	94.2	4.1	2.4	1.0
1311	4/25/2014 2:31:11	13.96	48.90	31.93	8.07	7.95	7.9	1.765	95.3	3.9	2.3	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.58)	Fluorescence %FS
1312	4/25/2014 2:46:12	14.17	48.85	31.90	8.11	7.96	7.5	1.700	96.2	4.4	2.6	1.0
1313	4/25/2014 3:01:12	14.19	48.86	31.91	8.14	7.97	7.8	1.635	96.5	4.7	2.7	1.1
1314	4/25/2014 3:16:12	14.31	48.68	31.78	8.08	7.97	7.1	1.591	96.0	3.9	2.3	0.9
1315	4/25/2014 3:31:11	14.35	48.50	31.65	7.98	7.96	5.1	1.581	94.9	4.0	2.3	0.9
1316	4/25/2014 3:46:11	14.30	48.59	31.71	8.11	7.97	5.6	1.586	96.4	4.0	2.3	0.9
1317	4/25/2014 4:01:12	14.27	48.74	31.83	8.14	7.97	5.6	1.593	96.7	3.9	2.3	0.9
1318	4/25/2014 4:16:11	14.22	48.60	31.72	8.09	7.96	7.1	1.644	95.9	3.4	2.0	0.8
1319	4/25/2014 4:31:11	14.19	48.71	31.80	8.07	7.95	6.8	1.697	95.7	3.9	2.3	0.9
1320	4/25/2014 4:46:12	14.15	48.79	31.86	8.00	7.94	7.8	1.742	94.8	3.8	2.2	0.9
1321	4/25/2014 5:01:12	14.09	48.51	31.66	7.90	7.93	8.7	1.826	93.4	3.9	2.3	0.9
1322	4/25/2014 5:16:12	14.05	48.55	31.68	7.85	7.92	8.4	1.907	92.8	3.9	2.3	0.9
1323	4/25/2014 5:31:12	13.98	48.73	31.81	7.83	7.92	7.9	1.983	92.4	3.6	2.1	0.8
1324	4/25/2014 5:46:12	13.87	48.84	31.89	7.76	7.91	6.7	2.057	91.5	3.3	1.9	0.8
1325	4/25/2014 6:01:12	13.65	48.96	31.97	7.74	7.89	6.7	2.126	90.9	3.1	1.8	0.7
1326	4/25/2014 6:16:12	13.44	49.18	32.12	7.80	7.89	7.3	2.209	91.3	3.2	1.9	0.8
1327	4/25/2014 6:31:12	13.33	49.16	32.10	7.86	7.89	7.3	2.272	91.8	2.7	1.6	0.6
1328	4/25/2014 6:46:12	13.27	49.18	32.12	7.89	7.89	7.4	2.351	92.0	2.6	1.5	0.6
1329	4/25/2014 7:01:12	13.22	49.34	32.23	7.90	7.89	7.1	2.416	92.1	2.2	1.3	0.5
1330	4/25/2014 7:16:12	13.14	49.37	32.24	7.95	7.89	8.0	2.490	92.5	2.8	1.6	0.7
1331	4/25/2014 7:31:12	13.03	49.31	32.20	7.99	7.90	7.5	2.564	92.7	2.5	1.5	0.6
1332	4/25/2014 7:46:11	12.91	49.40	32.26	8.04	7.90	7.3	2.632	93.2	2.8	1.6	0.7
1333	4/25/2014 8:01:12	12.74	49.69	32.46	8.10	7.90	8.4	2.721	93.6	2.9	1.7	0.7
1334	4/25/2014 8:16:12	12.61	49.73	32.49	8.18	7.90	7.2	2.782	94.3	3.0	1.7	0.7
1335	4/25/2014 8:31:12	12.35	49.71	32.46	8.33	7.91	8.8	2.856	95.5	3.2	1.9	0.8
1336	4/25/2014 8:46:12	12.19	49.65	32.41	8.44	7.92	7.7	2.935	96.3	3.2	1.9	0.8
1337	4/25/2014 9:01:12	12.07	49.96	32.63	8.49	7.93	6.9	2.999	96.9	3.2	1.9	0.8
1338	4/25/2014 9:16:12	11.90	49.97	32.63	8.61	7.93	6.6	3.041	97.9	3.0	1.7	0.7
Mean		14.03	48.81	31.87	8.16	7.96	8.07	2.32	96.40	3.20	1.86	0.75
Minimum		10.89	45.40	29.45	6.81	7.87	2.90	0.86	81.20	1.40	0.81	0.30
Maximum		17.45	51.03	33.35	9.29	8.09	32.70	3.49	115.20	20.00	11.60	4.70

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

Chlorophyll/Fluorescence displayed as *in vivo* (non-extractive) readings from YSI 6025 chlorophyll probe

Chlorophyll corrected with ratio derived from extractive analysis; Sample collected at 10:45; value = 0.87

Flagged data due to suspect values (i.e., equipment malfunction, interference, etc.)

Data listed as outlier and discarded due to field issues (i.e., equipment malfunction, interference, etc.)

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
0	4/25/2014 10:01:03	11.84	49.61	32.37	8.53	7.91	5.0	3.410	96.7	2.7	2.0	0.6
1	4/25/2014 10:16:03	11.61	49.95	32.60	8.51	7.92	5.2	3.399	96.1	2.3	1.7	0.5
2	4/25/2014 10:31:03	11.58	50.01	32.65	8.51	7.92	5.4	3.357	96.1	2.1	1.6	0.5
3	4/25/2014 10:46:03	11.77	49.93	32.59	8.46	7.92	5.6	3.306	95.8	2.2	1.6	0.5
4	4/25/2014 11:01:03	12.48	49.59	32.38	8.30	7.92	8.3	3.240	95.3	2.0	1.5	0.5
5	4/25/2014 11:16:03	12.82	49.58	32.39	8.44	7.93	7.9	3.153	97.7	1.5	1.1	0.4
6	4/25/2014 11:31:03	13.21	49.22	32.14	8.20	7.91	7.8	3.059	95.5	1.6	1.2	0.4
7	4/25/2014 11:46:03	13.06	49.33	32.21	8.18	7.91	7.2	2.966	95.0	2.0	1.5	0.5
8	4/25/2014 12:01:03	13.21	49.29	32.19	8.20	7.92	7.1	2.866	95.5	2.0	1.5	0.5
9	4/25/2014 12:16:03	13.41	49.21	32.14	8.19	7.92	6.9	2.780	95.8	1.6	1.2	0.4
10	4/25/2014 12:31:03	13.65	48.98	31.98	8.30	7.93	6.4	2.675	97.5	1.9	1.4	0.5
11	4/25/2014 12:46:03	13.87	48.98	31.98	8.27	7.93	6.4	2.573	97.5	1.9	1.4	0.4
12	4/25/2014 13:01:03	14.14	48.69	31.78	8.28	7.94	6.8	2.481	98.1	2.1	1.6	0.5
13	4/25/2014 13:16:03	14.30	48.96	31.98	8.43	7.95	7.1	2.383	100.3	2.0	1.5	0.5
14	4/25/2014 13:31:03	14.45	48.81	31.88	8.64	7.96	6.2	2.282	103.0	2.1	1.6	0.5
15	4/25/2014 13:46:03	14.58	48.96	31.99	8.71	7.97	7.6	2.178	104.3	2.2	1.6	0.5
16	4/25/2014 14:01:03	14.60	48.84	31.91	8.69	7.98	6.6	2.078	104.0	1.9	1.4	0.5
17	4/25/2014 14:16:03	14.83	48.82	31.90	8.82	7.99	7.5	1.986	106.0	2.3	1.7	0.5
18	4/25/2014 14:31:03	15.08	48.66	31.78	8.89	8.01	6.8	1.898	107.3	3.3	2.4	0.8
19	4/25/2014 14:46:03	15.09	48.54	31.70	8.83	8.00	5.6	1.814	106.6	2.4	1.8	0.6
20	4/25/2014 15:01:03	15.11	48.59	31.74	8.83	8.00	5.0	1.760	106.6	2.7	2.0	0.6
21	4/25/2014 15:16:03	15.41	48.60	31.75	8.85	8.02	5.9	1.711	107.5	2.6	1.9	0.6
22	4/25/2014 15:31:03	15.34	48.56	31.72	8.79	8.01	5.1	1.665	106.6	1.8	1.3	0.4
23	4/25/2014 15:46:03	15.64	48.62	31.77	8.86	8.01	5.3	1.674	108.1	2.6	1.9	0.6
24	4/25/2014 16:01:03	15.47	48.63	31.77	8.92	8.01	4.7	1.690	108.6	2.5	1.9	0.6
25	4/25/2014 16:16:03	15.30	48.54	31.71	8.88	8.01	4.5	1.715	107.7	3.3	2.4	0.8
26	4/25/2014 16:31:03	15.34	48.54	31.71	8.92	8.01	4.7	1.785	108.2	3.5	2.6	0.8
27	4/25/2014 16:46:03	15.34	48.30	31.53	8.92	8.01	5.0	1.864	108.1	3.5	2.6	0.8
28	4/25/2014 17:01:03	15.25	48.49	31.67	8.87	8.01	5.4	1.928	107.4	3.0	2.2	0.7
29	4/25/2014 17:16:03	15.35	48.25	31.50	8.77	8.00	5.4	2.011	106.2	3.6	2.7	0.9
30	4/25/2014 17:31:03	15.25	48.23	31.48	8.74	7.99	5.3	2.114	105.7	2.9	2.1	0.7
31	4/25/2014 17:46:03	15.18	48.39	31.59	8.71	7.99	5.3	2.206	105.2	2.8	2.1	0.7
32	4/25/2014 18:01:03	14.98	48.50	31.67	8.63	7.98	4.8	2.289	103.9	2.1	1.6	0.5
33	4/25/2014 18:16:03	14.65	48.64	31.76	8.41	7.95	5.5	2.378	100.6	2.3	1.7	0.5
34	4/25/2014 18:31:03	14.38	48.74	31.83	8.25	7.93	6.2	2.469	98.3	2.4	1.8	0.6
35	4/25/2014 18:46:03	14.15	48.88	31.93	8.18	7.92	6.5	2.563	97.0	2.5	1.9	0.6
36	4/25/2014 19:01:03	13.99	48.99	32.00	8.13	7.91	7.0	2.658	96.2	2.5	1.9	0.6
37	4/25/2014 19:16:03	13.94	49.04	32.04	8.13	7.92	7.2	2.741	96.0	2.2	1.6	0.5
38	4/25/2014 19:31:03	13.89	48.89	31.93	8.19	7.92	8.9	2.833	96.5	2.5	1.9	0.6
39	4/25/2014 19:46:03	13.66	49.18	32.13	8.17	7.91	9.3	2.929	96.1	3.1	2.3	0.7
40	4/25/2014 20:01:03	13.43	49.18	32.12	8.26	7.92	11.6	3.032	96.7	3.1	2.3	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
41	4/25/2014 20:16:03	13.16	49.38	32.26	8.40	7.93	14.1	3.119	97.8	3.4	2.5	0.8
42	4/25/2014 20:31:03	12.92	49.46	32.30	8.48	7.93	12.0	3.229	98.3	3.3	2.4	0.8
43	4/25/2014 20:46:03	12.47	49.77	32.51	8.64	7.94	14.3	3.320	99.4	3.8	2.8	0.9
44	4/25/2014 21:01:03	12.04	50.10	32.73	8.88	7.96	14.6	3.408	101.3	4.6	3.4	1.1
45	4/25/2014 21:16:03	11.87	50.13	32.74	8.95	7.96	8.8	3.497	101.8	4.4	3.3	1.0
46	4/25/2014 21:31:03	11.75	50.19	32.78	9.05	7.97	8.9	3.570	102.7	4.1	3.0	1.0
47	4/25/2014 21:46:04	11.61	50.36	32.90	9.11	7.98	5.7	3.632	103.1	4.1	3.0	1.0
48	4/25/2014 22:01:03	11.55	50.35	32.89	9.08	7.98	4.5	3.678	102.6	3.9	2.9	0.9
49	4/25/2014 22:16:03	11.42	50.35	32.88	9.10	7.98	3.6	3.723	102.5	2.8	2.1	0.7
50	4/25/2014 22:31:04	11.83	50.23	32.82	8.69	7.96	6.4	3.718	98.8	3.3	2.4	0.8
51	4/25/2014 22:46:03	11.61	50.30	32.85	8.86	7.96	5.7	3.704	100.3	3.2	2.4	0.8
52	4/25/2014 23:01:04	11.85	50.17	32.77	8.72	7.96	8.8	3.682	99.0	3.2	2.4	0.8
53	4/25/2014 23:16:03	11.78	50.21	32.80	8.73	7.96	7.9	3.625	99.1	2.9	2.1	0.7
54	4/25/2014 23:31:03	11.73	50.15	32.75	8.79	7.96	9.2	3.524	99.6	3.2	2.4	0.8
55	4/25/2014 23:46:04	11.46	50.39	32.91	8.82	7.96	9.4	3.438	99.5	3.3	2.4	0.8
56	4/26/2014 0:01:03	12.42	49.70	32.46	8.52	7.95	11.5	3.352	97.8	3.1	2.3	0.7
57	4/26/2014 0:16:04	12.71	49.61	32.40	8.32	7.94	13.1	3.241	96.0	2.8	2.1	0.7
58	4/26/2014 0:31:04	12.91	49.47	32.31	8.29	7.94	12.9	3.145	96.0	3.0	2.2	0.7
59	4/26/2014 0:46:03	12.94	49.43	32.28	8.20	7.93	14.2	3.029	95.1	2.9	2.1	0.7
60	4/26/2014 1:01:03	13.11	49.28	32.18	8.18	7.93	12.3	2.920	95.1	3.0	2.2	0.7
61	4/26/2014 1:16:03	13.20	49.30	32.20	8.12	7.93	12.5	2.820	94.6	2.6	1.9	0.6
62	4/26/2014 1:31:03	13.28	49.21	32.13	7.98	7.92	14.0	2.703	93.1	3.4	2.5	0.8
63	4/26/2014 1:46:03	13.21	49.26	32.17	7.96	7.91	16.1	2.596	92.8	2.4	1.8	0.6
64	4/26/2014 2:01:03	13.46	48.94	31.94	8.03	7.93	14.5	2.478	93.9	3.5	2.6	0.8
65	4/26/2014 2:16:03	13.20	49.24	32.16	8.04	7.92	11.4	2.370	93.6	2.7	2.0	0.6
66	4/26/2014 2:31:03	13.35	49.14	32.09	8.02	7.93	11.7	2.254	93.6	2.2	1.6	0.5
67	4/26/2014 2:46:03	13.61	48.95	31.96	8.01	7.94	11.2	2.135	93.9	3.3	2.4	0.8
68	4/26/2014 3:01:03	13.63	48.92	31.94	7.98	7.94	11.6	2.044	93.6	3.0	2.2	0.7
69	4/26/2014 3:16:03	13.67	48.88	31.91	7.95	7.93	10.7	1.933	93.3	3.1	2.3	0.7
70	4/26/2014 3:31:03	13.84	48.85	31.89	7.88	7.93	10.1	1.829	92.8	2.9	2.1	0.7
71	4/26/2014 3:46:03	13.97	48.80	31.86	7.84	7.94	9.5	1.746	92.6	3.2	2.4	0.8
72	4/26/2014 4:01:03	14.23	48.51	31.66	7.85	7.95	9.5	1.689	93.0	3.3	2.4	0.8
73	4/26/2014 4:16:03	14.44	48.49	31.65	7.85	7.97	8.4	1.648	93.5	3.4	2.5	0.8
74	4/26/2014 4:31:03	14.61	48.45	31.62	7.80	7.99	8.5	1.619	93.2	3.7	2.7	0.9
75	4/26/2014 4:46:03	14.69	48.17	31.42	7.77	8.00	8.1	1.617	92.8	3.7	2.7	0.9
76	4/26/2014 5:01:03	14.57	48.34	31.54	7.93	8.00	8.2	1.663	94.6	2.9	2.1	0.7
77	4/26/2014 5:16:03	14.49	48.48	31.64	7.91	7.98	7.6	1.698	94.3	3.2	2.4	0.8
78	4/26/2014 5:31:03	14.56	48.36	31.55	7.94	7.99	9.0	1.752	94.7	3.4	2.5	0.8
79	4/26/2014 5:46:03	14.48	48.34	31.54	7.94	7.99	10.3	1.848	94.5	2.8	2.1	0.7
80	4/26/2014 6:01:03	14.45	47.99	31.28	7.82	7.97	11.7	1.946	92.9	3.5	2.6	0.8
81	4/26/2014 6:16:03	14.41	47.79	31.14	7.77	7.96	11.6	2.033	92.2	4.0	3.0	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
82	4/26/2014 6:31:03	14.39	48.12	31.38	7.80	7.96	10.7	2.113	92.7	4.0	3.0	0.9
83	4/26/2014 6:46:03	14.28	48.42	31.59	7.85	7.95	10.0	2.214	93.1	3.2	2.4	0.8
84	4/26/2014 7:01:03	14.04	48.56	31.69	7.85	7.94	9.7	2.291	92.7	2.3	1.7	0.5
85	4/26/2014 7:16:03	13.79	48.79	31.84	7.89	7.93	8.2	2.377	92.8	2.3	1.7	0.5
86	4/26/2014 7:31:03	13.56	48.92	31.93	7.92	7.92	7.9	2.464	92.8	2.2	1.6	0.5
87	4/26/2014 7:46:03	13.48	49.05	32.03	7.91	7.91	7.9	2.557	92.5	2.1	1.6	0.5
88	4/26/2014 8:01:03	13.37	49.09	32.05	7.95	7.92	7.8	2.635	92.8	2.3	1.7	0.5
89	4/26/2014 8:16:03	13.30	49.05	32.02	7.96	7.92	8.9	2.719	92.8	2.5	1.9	0.6
90	4/26/2014 8:31:03	13.13	49.22	32.14	8.00	7.92	9.4	2.794	93.1	2.7	2.0	0.6
91	4/26/2014 8:46:03	13.02	49.26	32.16	8.04	7.92	9.4	2.886	93.3	1.9	1.4	0.5
92	4/26/2014 9:01:03	12.87	49.30	32.19	8.10	7.92	10.9	2.964	93.7	3.0	2.2	0.7
93	4/26/2014 9:16:03	12.66	49.45	32.28	8.19	7.92	11.2	3.044	94.4	3.1	2.3	0.7
94	4/26/2014 9:31:03	12.52	49.55	32.35	8.24	7.92	11.7	3.135	94.7	2.8	2.1	0.7
95	4/26/2014 9:46:03	12.26	49.73	32.47	8.32	7.93	10.8	3.209	95.2	2.8	2.1	0.7
96	4/26/2014 10:01:03	12.01	49.93	32.61	8.42	7.93	10.0	3.277	95.9	3.1	2.3	0.7
97	4/26/2014 10:16:03	11.79	50.04	32.68	8.51	7.94	6.9	3.336	96.5	3.3	2.4	0.8
98	4/26/2014 10:31:04	11.71	50.13	32.74	8.50	7.94	6.4	3.384	96.3	3.0	2.2	0.7
99	4/26/2014 10:46:04	11.68	50.13	32.74	8.49	7.94	6.1	3.421	96.1	3.7	2.7	0.9
100	4/26/2014 11:01:04	11.68	50.18	32.77	8.38	7.94	4.5	3.438	94.9	3.2	2.4	0.8
101	4/26/2014 11:16:03	11.76	50.07	32.70	8.35	7.93	5.9	3.422	94.7	2.4	1.8	0.6
102	4/26/2014 11:31:03	11.69	50.08	32.70	8.47	7.94	5.7	3.400	95.9	2.8	2.1	0.7
103	4/26/2014 11:46:03	11.74	50.12	32.73	8.45	7.94	8.7	3.340	95.8	3.2	2.4	0.8
104	4/26/2014 12:01:03	12.60	49.67	32.44	8.43	7.94	9.0	3.269	97.1	2.9	2.1	0.7
105	4/26/2014 12:16:03	12.85	49.57	32.38	8.48	7.95	9.4	3.180	98.1	2.6	1.9	0.6
106	4/26/2014 12:31:03	13.28	49.35	32.24	8.41	7.95	9.4	3.093	98.1	2.6	1.9	0.6
107	4/26/2014 12:46:03	13.31	49.29	32.19	8.41	7.95	7.8	2.989	98.1	2.6	1.9	0.6
108	4/26/2014 13:01:03	13.41	49.25	32.17	8.43	7.95	7.9	2.886	98.6	2.2	1.6	0.5
109	4/26/2014 13:16:03	13.52	49.21	32.15	8.43	7.95	7.3	2.794	98.9	2.4	1.8	0.6
110	4/26/2014 13:31:03	13.68	49.19	32.14	8.50	7.96	6.7	2.688	99.9	2.5	1.9	0.6
111	4/26/2014 13:46:03	14.02	48.86	31.90	8.53	7.97	6.3	2.604	100.9	2.6	1.9	0.6
112	4/26/2014 14:01:03	14.24	48.84	31.90	8.52	7.97	7.2	2.501	101.2	2.4	1.8	0.6
113	4/26/2014 14:16:03	14.46	48.82	31.89	8.71	7.99	7.3	2.400	103.9	2.4	1.8	0.6
114	4/26/2014 14:31:03	14.60	48.77	31.86	8.83	8.00	6.4	2.301	105.7	2.3	1.7	0.5
115	4/26/2014 14:46:03	14.61	48.79	31.87	8.81	8.01	7.3	2.207	105.4	2.5	1.9	0.6
116	4/26/2014 15:01:03	14.86	48.68	31.80	8.98	8.02	6.5	2.109	107.9	2.9	2.1	0.7
117	4/26/2014 15:16:03	14.94	48.71	31.82	8.97	8.03	6.8	2.020	107.9	2.3	1.7	0.5
118	4/26/2014 15:31:03	15.02	48.66	31.79	8.99	8.04	6.5	1.942	108.4	3.5	2.6	0.8
119	4/26/2014 15:46:03	15.12	48.54	31.70	9.02	8.04	6.8	1.870	109.0	3.3	2.4	0.8
120	4/26/2014 16:01:03	15.25	48.61	31.75	8.97	8.04	6.2	1.801	108.6	2.9	2.1	0.7
121	4/26/2014 16:16:03	15.29	48.41	31.61	8.98	8.05	5.9	1.768	108.7	2.7	2.0	0.6
122	4/26/2014 16:31:03	15.29	48.50	31.67	8.80	8.04	4.8	1.753	106.5	3.2	2.4	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
123	4/26/2014 16:46:03	15.27	48.43	31.62	8.96	8.05	5.7	1.762	108.4	3.5	2.6	0.8
124	4/26/2014 17:01:03	15.25	48.41	31.61	8.92	8.04	7.1	1.770	107.9	3.2	2.4	0.8
125	4/26/2014 17:16:03	15.16	48.35	31.56	8.91	8.04	8.1	1.832	107.6	3.3	2.4	0.8
126	4/26/2014 17:31:03	15.08	48.41	31.61	8.86	8.03	7.6	1.901	106.9	3.2	2.4	0.8
127	4/26/2014 17:46:03	15.16	48.02	31.32	8.83	8.02	13.3	1.979	106.5	4.4	3.3	1.0
128	4/26/2014 18:01:03	15.06	48.16	31.42	8.79	8.01	10.3	2.068	105.8	3.7	2.7	0.9
129	4/26/2014 18:16:03	14.95	48.39	31.59	8.76	8.01	7.5	2.156	105.3	3.4	2.5	0.8
130	4/26/2014 18:31:03	14.84	48.49	31.66	8.74	8.00	7.3	2.243	104.9	3.0	2.2	0.7
131	4/26/2014 18:46:03	14.68	48.57	31.71	8.69	7.99	6.7	2.333	104.0	2.7	2.0	0.7
132	4/26/2014 19:01:03	14.29	48.79	31.86	8.53	7.97	7.7	2.419	101.4	2.9	2.1	0.7
133	4/26/2014 19:16:03	14.16	48.79	31.86	8.47	7.96	7.1	2.518	100.4	2.4	1.8	0.6
134	4/26/2014 19:31:03	13.98	48.97	31.99	8.36	7.95	7.5	2.601	98.8	3.3	2.4	0.8
135	4/26/2014 19:46:03	13.84	49.04	32.03	8.33	7.94	9.0	2.687	98.2	2.5	1.9	0.6
136	4/26/2014 20:01:03	13.62	49.03	32.02	8.34	7.94	10.0	2.793	97.8	3.2	2.4	0.8
137	4/26/2014 20:16:03	13.43	49.17	32.11	8.36	7.94	11.8	2.882	97.8	3.7	2.7	0.9
138	4/26/2014 20:31:03	13.28	49.26	32.17	8.37	7.93	13.3	2.994	97.6	3.7	2.7	0.9
139	4/26/2014 20:46:03	12.90	49.52	32.34	8.48	7.94	19.1	3.094	98.3	4.7	3.5	1.1
140	4/26/2014 21:01:04	12.63	49.66	32.43	8.56	7.94	15.8	3.181	98.6	4.4	3.3	1.0
141	4/26/2014 21:16:04	12.32	49.84	32.56	8.60	7.94	13.1	3.290	98.6	3.8	2.8	0.9
142	4/26/2014 21:31:04	11.96	50.09	32.72	8.68	7.95	13.7	3.403	98.9	5.0	3.7	1.2
143	4/26/2014 21:46:04	11.72	50.24	32.82	8.75	7.95	14.2	3.498	99.2	5.1	3.8	1.2
144	4/26/2014 22:01:04	11.53	50.34	32.88	8.77	7.95	12.3	3.576	99.1	5.1	3.8	1.2
145	4/26/2014 22:16:04	11.42	50.45	32.95	8.76	7.95	8.3	3.675	98.7	4.4	3.3	1.1
146	4/26/2014 22:31:03	11.23	50.49	32.97	8.77	7.96	6.8	3.730	98.5	4.2	3.1	1.0
147	4/26/2014 22:46:03	11.12	50.52	32.99	8.79	7.96	4.9	3.761	98.6	4.0	3.0	1.0
148	4/26/2014 23:01:04	11.06	50.57	33.02	8.75	7.96	3.6	3.804	97.9	3.5	2.6	0.8
149	4/26/2014 23:16:04	11.29	50.56	33.02	8.59	7.95	5.9	3.816	96.6	3.4	2.5	0.8
150	4/26/2014 23:31:04	11.23	50.56	33.03	8.57	7.95	5.6	3.792	96.2	2.6	1.9	0.6
151	4/26/2014 23:46:04	11.14	50.57	33.03	8.63	7.95	5.2	3.759	96.8	3.3	2.4	0.8
152	4/27/2014 0:01:04	11.26	50.53	33.01	8.60	7.95	6.2	3.683	96.7	2.7	2.0	0.6
153	4/27/2014 0:16:03	11.71	50.23	32.81	8.52	7.95	8.7	3.607	96.6	3.7	2.7	0.9
154	4/27/2014 0:31:04	11.57	50.32	32.87	8.65	7.95	7.3	3.522	97.8	3.6	2.7	0.9
155	4/27/2014 0:46:04	11.80	50.17	32.77	8.51	7.94	8.7	3.416	96.6	3.0	2.2	0.7
156	4/27/2014 1:01:03	12.21	49.84	32.55	8.47	7.94	11.7	3.305	96.8	3.2	2.4	0.7
157	4/27/2014 1:16:03	12.23	49.84	32.55	8.49	7.94	11.1	3.176	97.2	3.1	2.3	0.7
158	4/27/2014 1:31:04	12.41	49.75	32.49	8.39	7.94	8.6	3.060	96.3	3.5	2.6	0.8
159	4/27/2014 1:46:03	12.57	49.63	32.41	8.29	7.93	10.0	2.943	95.4	3.1	2.3	0.7
160	4/27/2014 2:01:04	12.62	49.58	32.38	8.24	7.93	10.0	2.836	95.0	2.7	2.0	0.6
161	4/27/2014 2:16:03	13.10	49.27	32.17	8.06	7.93	10.4	2.696	93.7	2.7	2.0	0.6
162	4/27/2014 2:31:03	13.16	49.23	32.14	8.14	7.93	12.2	2.606	94.7	3.0	2.2	0.7
163	4/27/2014 2:46:04	12.97	49.29	32.18	8.16	7.93	10.8	2.461	94.5	2.6	1.9	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
164	4/27/2014 3:01:03	13.31	49.11	32.06	8.11	7.94	11.3	2.323	94.6	2.9	2.1	0.7
165	4/27/2014 3:16:04	13.11	49.22	32.14	8.11	7.94	13.4	2.196	94.3	3.3	2.4	0.8
166	4/27/2014 3:31:04	13.51	49.02	32.01	8.01	7.94	12.6	2.074	93.8	2.9	2.1	0.7
167	4/27/2014 3:46:03	13.51	49.00	31.99	7.97	7.94	11.1	1.938	93.3	3.1	2.3	0.7
168	4/27/2014 4:01:03	13.65	48.91	31.93	7.90	7.94	11.4	1.821	92.8	3.7	2.7	0.9
169	4/27/2014 4:16:03	14.01	48.65	31.75	7.98	7.97	10.1	1.708	94.2	3.1	2.3	0.7
170	4/27/2014 4:31:03	14.33	48.15	31.40	8.06	8.01	11.2	1.606	95.6	3.0	2.2	0.7
171	4/27/2014 4:46:03	14.42	47.97	31.27	8.08	8.02	10.4	1.514	96.0	3.2	2.4	0.8
172	4/27/2014 5:01:03	14.46	48.03	31.31	8.05	8.02	9.8	1.478	95.7	3.4	2.5	0.8
173	4/27/2014 5:16:03	14.50	47.89	31.21	8.05	8.03	7.9	1.435	95.6	3.5	2.6	0.8
174	4/27/2014 5:31:03	14.40	47.91	31.23	8.01	8.01	8.0	1.423	95.1	3.8	2.8	0.9
175	4/27/2014 5:46:03	14.34	48.05	31.32	7.99	8.00	9.5	1.470	94.8	3.2	2.4	0.8
176	4/27/2014 6:01:03	14.37	48.16	31.41	8.04	8.00	8.9	1.516	95.4	3.3	2.4	0.8
177	4/27/2014 6:16:03	14.37	48.07	31.34	8.06	8.00	8.7	1.601	95.6	3.1	2.3	0.7
178	4/27/2014 6:31:03	14.35	48.29	31.50	8.04	7.99	8.4	1.682	95.5	2.5	1.9	0.6
179	4/27/2014 6:46:03	14.16	47.83	31.16	7.88	7.96	11.7	1.786	93.0	3.0	2.2	0.7
180	4/27/2014 7:01:03	14.17	47.85	31.17	7.85	7.96	9.7	1.876	92.7	3.1	2.3	0.7
181	4/27/2014 7:16:03	14.14	48.08	31.34	7.67	7.96	9.4	1.973	90.6	2.8	2.1	0.7
182	4/27/2014 7:31:03	14.12	48.41	31.58	7.90	7.95	8.6	2.076	93.4	2.3	1.7	0.6
183	4/27/2014 7:46:03	13.97	48.44	31.60	7.90	7.95	9.3	2.166	93.1	2.5	1.9	0.6
184	4/27/2014 8:01:03	13.73	48.73	31.80	7.93	7.93	8.1	2.263	93.2	2.6	1.9	0.6
185	4/27/2014 8:16:03	13.64	48.87	31.90	7.96	7.93	7.7	2.359	93.4	2.4	1.8	0.6
186	4/27/2014 8:31:03	13.59	48.88	31.90	7.98	7.93	7.6	2.451	93.6	3.1	2.3	0.7
187	4/27/2014 8:46:03	13.56	48.93	31.94	7.99	7.93	8.3	2.546	93.6	2.4	1.8	0.6
188	4/27/2014 9:01:03	13.46	49.03	32.01	7.99	7.92	8.8	2.633	93.5	2.5	1.9	0.6
189	4/27/2014 9:16:03	13.31	49.06	32.02	8.00	7.92	9.4	2.729	93.3	3.3	2.4	0.8
190	4/27/2014 9:31:03	13.19	49.17	32.10	8.03	7.92	10.1	2.811	93.4	2.5	1.9	0.6
191	4/27/2014 9:46:04	13.09	49.25	32.16	8.03	7.91	11.2	2.896	93.3	2.8	2.1	0.7
192	4/27/2014 10:01:04	12.81	49.43	32.28	8.10	7.92	12.1	2.992	93.7	3.0	2.2	0.7
193	4/27/2014 10:16:03	12.70	49.44	32.28	8.15	7.92	13.6	3.077	94.0	3.7	2.7	0.9
194	4/27/2014 10:31:04	12.40	49.70	32.46	8.22	7.92	11.9	3.157	94.3	3.2	2.4	0.8
195	4/27/2014 10:46:04	12.07	49.89	32.58	8.30	7.92	11.2	3.247	94.6	3.3	2.4	0.8
196	4/27/2014 11:01:03	11.75	50.02	32.66	8.40	7.93	11.1	3.315	95.1	4.6	3.4	1.1
197	4/27/2014 11:16:04	11.63	50.10	32.71	8.44	7.93	9.7	3.375	95.5	4.4	3.3	1.1
198	4/27/2014 11:31:04	11.58	50.25	32.82	8.44	7.93	7.5	3.451	95.4	4.1	3.0	1.0
199	4/27/2014 11:46:04	11.57	50.22	32.80	8.42	7.93	5.1	3.466	95.2	4.1	3.0	1.0
200	4/27/2014 12:01:04	11.95	50.09	32.72	8.33	7.93	6.2	3.477	94.8	3.3	2.4	0.8
201	4/27/2014 12:16:04	11.70	50.20	32.79	8.30	7.92	7.2	3.482	94.0	3.0	2.2	0.7
202	4/27/2014 12:31:04	11.66	50.22	32.80	8.34	7.93	8.3	3.447	94.4	3.1	2.3	0.7
203	4/27/2014 12:46:04	11.66	50.23	32.80	8.37	7.93	7.4	3.370	94.7	2.8	2.1	0.7
204	4/27/2014 13:01:04	12.29	49.93	32.62	8.47	7.94	11.1	3.291	97.0	3.7	2.7	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
205	4/27/2014 13:16:04	12.83	49.77	32.53	8.59	7.95	9.8	3.210	99.5	2.8	2.1	0.7
206	4/27/2014 13:31:03	13.38	49.44	32.30	8.49	7.95	9.6	3.116	99.4	2.8	2.1	0.7
207	4/27/2014 13:46:03	13.55	49.37	32.26	8.55	7.96	9.6	3.010	100.3	3.3	2.4	0.8
208	4/27/2014 14:01:04	13.71	49.34	32.24	8.62	7.97	7.8	2.914	101.5	2.5	1.9	0.6
209	4/27/2014 14:16:03	13.76	49.22	32.16	8.63	7.97	7.6	2.817	101.6	2.2	1.6	0.5
210	4/27/2014 14:31:03	13.98	49.16	32.12	8.72	7.97	6.7	2.729	103.2	1.9	1.4	0.4
211	4/27/2014 14:46:03	14.33	48.97	32.00	8.84	7.99	6.7	2.622	105.2	1.8	1.3	0.4
212	4/27/2014 15:01:03	14.52	48.90	31.95	8.82	7.99	7.2	2.523	105.4	2.5	1.9	0.6
213	4/27/2014 15:16:03	14.80	48.86	31.93	9.03	8.01	5.6	2.431	108.5	2.1	1.6	0.5
214	4/27/2014 15:31:03	15.00	48.87	31.94	9.14	8.02	7.2	2.323	110.3	2.6	1.9	0.6
215	4/27/2014 15:46:03	15.06	48.55	31.71	9.17	8.03	6.0	2.239	110.6	2.7	2.0	0.6
216	4/27/2014 16:01:03	15.38	48.65	31.79	9.34	8.05	5.9	2.142	113.4	3.0	2.2	0.7
217	4/27/2014 16:16:03	15.52	48.55	31.72	9.39	8.06	5.3	2.041	114.2	2.7	2.0	0.6
218	4/27/2014 16:31:03	15.63	48.54	31.71	9.45	8.07	5.3	1.975	115.3	2.4	1.8	0.6
219	4/27/2014 16:46:03	15.76	48.30	31.54	9.52	8.07	5.6	1.926	116.3	2.4	1.8	0.6
220	4/27/2014 17:01:03	15.78	48.49	31.68	9.48	8.07	4.9	1.859	115.9	2.3	1.7	0.5
221	4/27/2014 17:16:03	16.05	48.46	31.66	9.42	8.08	4.9	1.844	115.9	2.7	2.0	0.6
222	4/27/2014 17:31:03	16.02	48.58	31.75	9.58	8.07	5.2	1.856	117.8	3.0	2.2	0.7
223	4/27/2014 17:46:03	15.77	48.51	31.69	9.51	8.07	4.5	1.872	116.3	3.4	2.5	0.8
224	4/27/2014 18:01:03	15.64	48.54	31.71	9.43	8.06	5.7	1.916	115.1	2.9	2.1	0.7
225	4/27/2014 18:16:03	15.59	48.48	31.67	9.41	8.06	5.1	1.986	114.7	3.0	2.2	0.7
226	4/27/2014 18:31:03	15.55	48.40	31.61	9.36	8.05	5.7	2.058	113.9	3.0	2.2	0.7
227	4/27/2014 18:46:03	15.65	48.28	31.52	9.25	8.04	7.4	2.154	112.7	3.4	2.5	0.8
228	4/27/2014 19:01:03	15.62	48.31	31.54	9.18	8.03	6.4	2.251	111.8	2.9	2.1	0.7
229	4/27/2014 19:16:03	15.36	48.44	31.63	9.17	8.03	6.1	2.340	111.2	3.1	2.3	0.7
230	4/27/2014 19:31:03	15.18	48.60	31.74	9.10	8.02	5.9	2.436	110.1	2.7	2.0	0.6
231	4/27/2014 19:46:03	14.74	48.80	31.88	8.82	7.99	6.4	2.530	105.8	2.7	2.0	0.6
232	4/27/2014 20:01:03	14.25	48.99	32.01	8.55	7.96	7.3	2.630	101.6	3.3	2.4	0.8
233	4/27/2014 20:16:03	14.11	49.00	32.01	8.50	7.95	7.5	2.720	100.7	3.1	2.3	0.7
234	4/27/2014 20:31:03	13.99	49.16	32.12	8.45	7.95	8.8	2.812	100.0	2.6	1.9	0.6
235	4/27/2014 20:46:03	13.89	49.25	32.18	8.49	7.95	9.5	2.913	100.3	2.9	2.1	0.7
236	4/27/2014 21:01:04	13.61	49.38	32.27	8.50	7.94	11.6	3.010	99.9	3.7	2.7	0.9
237	4/27/2014 21:16:04	13.38	49.51	32.36	8.46	7.94	13.8	3.107	99.0	3.5	2.6	0.8
238	4/27/2014 21:31:03	12.98	49.56	32.38	8.65	7.95	16.9	3.208	100.3	4.3	3.2	1.0
239	4/27/2014 21:46:03	12.70	49.78	32.53	8.72	7.94	16.1	3.323	100.7	4.4	3.3	1.1
240	4/27/2014 22:01:04	12.37	49.92	32.62	8.83	7.95	14.1	3.425	101.4	4.4	3.3	1.0
241	4/27/2014 22:16:03	12.14	50.09	32.73	8.92	7.95	13.2	3.522	101.9	4.6	3.4	1.1
242	4/27/2014 22:31:04	11.97	50.17	32.78	9.02	7.96	13.6	3.626	102.7	4.2	3.1	1.0
243	4/27/2014 22:46:04	11.89	50.22	32.81	9.02	7.96	10.6	3.705	102.6	4.6	3.4	1.1
244	4/27/2014 23:01:04	11.84	50.23	32.82	9.03	7.96	7.8	3.788	102.6	4.4	3.3	1.0
245	4/27/2014 23:16:04	11.76	50.19	32.78	9.05	7.96	6.6	3.858	102.6	3.9	2.9	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
246	4/27/2014 23:31:04	11.73	50.24	32.81	9.03	7.97	5.6	3.894	102.4	3.4	2.5	0.8
247	4/27/2014 23:46:04	12.18	49.94	32.62	8.64	7.95	4.6	3.915	98.8	4.2	3.1	1.0
248	4/28/2014 0:01:03	12.11	50.02	32.68	8.72	7.95	7.0	3.928	99.6	3.6	2.7	0.9
249	4/28/2014 0:16:04	12.13	50.00	32.66	8.69	7.95	7.6	3.895	99.3	3.5	2.6	0.8
250	4/28/2014 0:31:04	12.10	50.07	32.71	8.75	7.95	8.7	3.831	100.0	3.3	2.4	0.8
251	4/28/2014 0:46:04	12.10	50.02	32.67	8.71	7.95	8.6	3.763	99.4	3.8	2.8	0.9
252	4/28/2014 1:01:03	11.85	50.09	32.71	8.89	7.96	7.2	3.682	100.9	3.6	2.7	0.8
253	4/28/2014 1:16:03	12.14	49.89	32.58	8.79	7.96	7.5	3.562	100.4	3.3	2.4	0.8
254	4/28/2014 1:31:04	12.61	49.79	32.53	8.59	7.95	10.1	3.435	99.1	2.6	1.9	0.6
255	4/28/2014 1:46:04	12.57	49.77	32.52	8.56	7.95	10.8	3.331	98.6	3.7	2.7	0.9
256	4/28/2014 2:01:04	12.67	49.73	32.49	8.44	7.94	12.3	3.197	97.4	3.2	2.4	0.8
257	4/28/2014 2:16:03	12.95	49.56	32.38	8.31	7.93	10.6	3.084	96.4	3.0	2.2	0.7
258	4/28/2014 2:31:04	13.20	49.40	32.27	8.28	7.93	11.4	2.951	96.5	2.6	1.9	0.6
259	4/28/2014 2:46:03	13.33	49.31	32.21	8.25	7.94	11.4	2.826	96.4	3.0	2.2	0.7
260	4/28/2014 3:01:04	13.27	49.39	32.27	8.25	7.94	9.8	2.703	96.3	2.6	1.9	0.6
261	4/28/2014 3:16:04	13.34	49.40	32.28	8.19	7.93	9.8	2.548	95.7	2.9	2.1	0.7
262	4/28/2014 3:31:04	13.34	49.34	32.23	8.26	7.94	10.2	2.420	96.5	2.8	2.1	0.7
263	4/28/2014 3:46:04	13.75	49.10	32.07	8.21	7.95	12.1	2.275	96.6	3.2	2.4	0.7
264	4/28/2014 4:01:04	13.93	49.02	32.02	8.16	7.96	11.0	2.141	96.4	3.4	2.5	0.8
265	4/28/2014 4:16:03	13.78	49.04	32.03	8.19	7.96	11.7	1.993	96.4	3.1	2.3	0.7
266	4/28/2014 4:31:03	14.11	48.80	31.86	8.20	7.97	11.6	1.859	97.1	2.7	2.0	0.6
267	4/28/2014 4:46:03	14.40	48.67	31.78	8.21	7.97	12.1	1.716	97.8	3.1	2.3	0.7
268	4/28/2014 5:01:03	14.62	48.49	31.65	8.18	7.98	10.3	1.598	97.8	2.6	1.9	0.6
269	4/28/2014 5:16:03	14.66	48.46	31.63	8.16	7.97	9.5	1.476	97.5	3.0	2.2	0.7
270	4/28/2014 5:31:03	14.81	48.38	31.58	8.14	7.98	9.5	1.383	97.6	2.5	1.9	0.6
271	4/28/2014 5:46:03	14.86	48.35	31.56	8.05	7.98	8.6	1.319	96.7	2.9	2.1	0.7
272	4/28/2014 6:01:03	14.89	48.25	31.49	8.07	7.98	7.3	1.298	96.9	2.7	2.0	0.6
273	4/28/2014 6:16:03	14.79	48.36	31.56	8.11	7.97	8.1	1.282	97.2	3.2	2.4	0.8
274	4/28/2014 6:31:03	14.75	48.40	31.59	8.11	7.97	7.5	1.320	97.2	3.1	2.3	0.7
275	4/28/2014 6:46:03	14.72	48.41	31.60	8.12	7.97	7.7	1.424	97.3	2.7	2.0	0.6
276	4/28/2014 7:01:03	14.79	48.33	31.54	8.22	7.98	6.6	1.478	98.5	2.8	2.1	0.7
277	4/28/2014 7:16:03	14.75	48.41	31.59	8.22	7.98	7.5	1.586	98.4	2.4	1.8	0.6
278	4/28/2014 7:31:03	14.69	47.88	31.21	8.08	7.96	9.8	1.682	96.5	3.7	2.7	0.9
279	4/28/2014 7:46:04	14.69	47.94	31.25	8.03	7.96	9.1	1.769	95.9	2.6	1.9	0.6
280	4/28/2014 8:01:03	14.68	48.02	31.31	8.06	7.97	8.9	1.861	96.2	2.3	1.7	0.5
281	4/28/2014 8:16:03	14.64	48.30	31.52	8.16	7.97	7.9	1.965	97.5	2.2	1.6	0.5
282	4/28/2014 8:31:03	14.58	48.36	31.56	8.20	7.97	7.6	2.080	97.9	2.8	2.1	0.7
283	4/28/2014 8:46:03	14.33	48.64	31.76	8.17	7.96	7.8	2.167	97.1	2.9	2.1	0.7
284	4/28/2014 9:01:04	14.18	48.76	31.84	8.17	7.95	7.5	2.264	96.8	2.6	1.9	0.6
285	4/28/2014 9:16:03	14.08	48.86	31.90	8.15	7.94	6.7	2.371	96.4	2.6	1.9	0.6
286	4/28/2014 9:31:03	14.05	48.95	31.97	8.19	7.94	7.2	2.471	96.9	2.1	1.6	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
287	4/28/2014 9:46:03	13.98	49.01	32.01	8.21	7.94	7.8	2.575	97.0	2.1	1.6	0.5
288	4/28/2014 10:01:04	13.83	49.08	32.06	8.19	7.94	9.2	2.666	96.5	2.5	1.9	0.6
289	4/28/2014 10:16:03	13.72	49.11	32.08	8.18	7.93	9.4	2.763	96.2	2.4	1.8	0.6
290	4/28/2014 10:31:04	13.59	49.15	32.10	8.22	7.93	10.7	2.850	96.5	3.1	2.3	0.7
291	4/28/2014 10:46:03	13.30	49.30	32.20	8.30	7.93	13.3	2.950	96.9	3.4	2.5	0.8
292	4/28/2014 11:01:04	13.14	49.40	32.27	8.36	7.93	15.5	3.054	97.3	3.1	2.3	0.7
293	4/28/2014 11:16:04	12.69	49.54	32.35	8.48	7.93	14.3	3.148	97.8	4.0	3.0	1.0
294	4/28/2014 11:31:04	12.46	49.75	32.50	8.56	7.94	14.4	3.221	98.4	3.6	2.7	0.9
295	4/28/2014 11:46:04	12.26	49.82	32.53	8.65	7.94	15.6	3.311	99.1	3.9	2.9	0.9
296	4/28/2014 12:01:04	12.13	49.90	32.59	8.73	7.94	11.4	3.366	99.6	3.7	2.7	0.9
297	4/28/2014 12:16:04	12.05	49.94	32.62	8.75	7.94	8.6	3.440	99.7	4.0	3.0	0.9
298	4/28/2014 12:31:04	12.02	49.96	32.63	8.79	7.95	7.8	3.486	100.2	3.5	2.6	0.8
299	4/28/2014 12:46:04	11.98	49.98	32.64	8.75	7.95	5.5	3.496	99.7	2.7	2.0	0.7
300	4/28/2014 13:01:04	12.25	49.93	32.62	8.65	7.94	6.1	3.494	99.0	3.3	2.4	0.8
301	4/28/2014 13:16:04	12.14	49.96	32.63	8.60	7.94	7.0	3.473	98.3	2.5	1.9	0.6
302	4/28/2014 13:31:04	12.08	49.97	32.63	8.64	7.94	7.3	3.446	98.6	2.2	1.6	0.5
303	4/28/2014 13:46:04	12.49	49.85	32.57	8.67	7.94	8.1	3.373	99.7	3.0	2.2	0.7
304	4/28/2014 14:01:04	13.31	49.64	32.45	8.77	7.96	12.7	3.278	102.5	3.0	2.2	0.7
305	4/28/2014 14:16:03	13.57	49.62	32.44	8.91	7.97	9.1	3.198	104.8	2.7	2.0	0.6
306	4/28/2014 14:31:03	13.99	49.40	32.29	8.86	7.98	8.9	3.125	105.0	2.4	1.8	0.6
307	4/28/2014 14:46:03	14.03	49.29	32.22	8.95	7.98	8.0	3.009	106.0	3.0	2.2	0.7
308	4/28/2014 15:01:03	14.47	49.23	32.19	9.04	7.99	8.6	2.913	108.1	2.2	1.6	0.5
309	4/28/2014 15:16:03	14.56	49.10	32.10	9.18	8.00	7.0	2.804	109.9	2.3	1.7	0.5
310	4/28/2014 15:31:03	14.61	49.15	32.13	9.29	8.01	6.2	2.715	111.3	2.2	1.6	0.5
311	4/28/2014 15:46:04	15.15	49.04	32.07	9.34	8.03	6.6	2.635	113.1	2.1	1.6	0.5
312	4/28/2014 16:01:03	15.41	48.96	32.01	9.44	8.04	9.7	2.540	114.9	2.0	1.5	0.5
313	4/28/2014 16:16:03	15.55	48.81	31.90	9.47	8.04	6.7	2.431	115.4	2.6	1.9	0.6
314	4/28/2014 16:31:03	15.93	48.86	31.95	9.60	8.06	9.7	2.324	117.9	3.0	2.2	0.7
315	4/28/2014 16:46:03	16.19	48.69	31.83	9.83	8.08	5.9	2.270	121.4	3.1	2.3	0.7
316	4/28/2014 17:01:03	16.17	48.64	31.79	9.88	8.08	5.6	2.157	121.8	2.5	1.9	0.6
317	4/28/2014 17:16:03	16.37	48.44	31.65	9.90	8.08	5.3	2.121	122.5	2.4	1.8	0.6
318	4/28/2014 17:31:03	16.35	48.57	31.74	9.90	8.09	4.9	2.065	122.5	2.8	2.1	0.7
319	4/28/2014 17:46:03	16.47	48.62	31.79	9.83	8.09	4.4	2.017	122.0	2.7	2.0	0.6
320	4/28/2014 18:01:02	16.47	48.53	31.72	9.77	8.08	4.1	1.984	121.2	1.9	1.4	0.4
321	4/28/2014 18:16:03	16.56	48.70	31.84	9.90	8.08	4.6	1.967	123.0	3.0	2.2	0.7
322	4/28/2014 18:31:03	16.37	48.66	31.81	9.93	8.08	4.4	2.021	123.0	2.9	2.1	0.7
323	4/28/2014 18:46:03	16.32	48.60	31.76	9.90	8.08	4.3	2.060	122.4	2.1	1.6	0.5
324	4/28/2014 19:01:03	16.23	48.53	31.71	9.91	8.08	4.7	2.116	122.4	2.8	2.1	0.7
325	4/28/2014 19:16:03	16.17	48.54	31.72	9.83	8.07	5.3	2.180	121.2	2.6	1.9	0.6
326	4/28/2014 19:31:03	16.40	48.35	31.58	9.61	8.05	8.6	2.268	119.0	3.3	2.4	0.8
327	4/28/2014 19:46:03	16.37	48.35	31.58	9.56	8.05	6.4	2.382	118.2	2.7	2.0	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
328	4/28/2014 20:01:02	15.98	48.59	31.75	9.55	8.04	6.6	2.448	117.3	3.0	2.2	0.7
329	4/28/2014 20:16:03	15.49	48.75	31.86	9.34	8.02	7.3	2.561	113.8	2.5	1.9	0.6
330	4/28/2014 20:31:03	15.18	48.91	31.97	9.16	8.00	7.1	2.648	110.9	2.9	2.1	0.7
331	4/28/2014 20:46:03	14.51	49.19	32.16	8.86	7.97	7.5	2.749	106.0	3.3	2.4	0.8
332	4/28/2014 21:01:03	14.36	49.17	32.14	8.83	7.97	8.3	2.843	105.3	4.0	3.0	0.9
333	4/28/2014 21:16:03	14.27	49.24	32.19	8.82	7.97	10.1	2.945	105.0	3.7	2.7	0.9
334	4/28/2014 21:31:03	14.15	49.29	32.22	8.87	7.97	10.7	3.037	105.4	3.7	2.7	0.9
335	4/28/2014 21:46:03	13.81	49.45	32.33	8.87	7.96	11.1	3.144	104.7	3.2	2.4	0.7
336	4/28/2014 22:01:03	13.60	49.53	32.38	8.87	7.96	13.0	3.235	104.3	3.5	2.6	0.8
337	4/28/2014 22:16:03	13.15	49.68	32.47	9.01	7.96	14.8	3.335	105.0	4.0	3.0	0.9
338	4/28/2014 22:31:04	12.86	49.77	32.53	9.06	7.96	15.8	3.456	105.0	4.3	3.2	1.0
339	4/28/2014 22:46:04	12.48	49.92	32.62	9.13	7.96	14.0	3.540	105.0	4.4	3.3	1.1
340	4/28/2014 23:01:04	12.28	49.99	32.66	9.20	7.96	13.4	3.633	105.4	3.8	2.8	0.9
341	4/28/2014 23:16:04	12.14	50.08	32.72	9.23	7.97	11.6	3.719	105.5	4.1	3.0	1.0
342	4/28/2014 23:31:04	12.02	50.05	32.69	9.23	7.97	8.3	3.810	105.2	3.6	2.7	0.8
343	4/28/2014 23:46:04	11.85	50.16	32.77	9.22	7.97	7.0	3.874	104.8	3.8	2.8	0.9
344	4/29/2014 0:01:03	11.67	50.20	32.78	9.21	7.96	6.3	3.920	104.3	3.6	2.7	0.8
345	4/29/2014 0:16:04	11.62	50.25	32.82	9.18	7.96	4.9	3.941	103.8	2.7	2.0	0.6
346	4/29/2014 0:31:04	11.78	50.29	32.86	8.87	7.95	6.2	3.978	100.7	2.8	2.1	0.7
347	4/29/2014 0:46:04	11.90	50.15	32.76	8.98	7.95	6.1	3.965	102.2	2.6	1.9	0.6
348	4/29/2014 1:01:04	12.25	50.03	32.69	8.94	7.96	8.4	3.924	102.4	2.9	2.1	0.7
349	4/29/2014 1:16:04	12.17	50.06	32.71	8.98	7.96	7.3	3.850	102.7	2.6	1.9	0.6
350	4/29/2014 1:31:04	12.29	49.98	32.66	8.95	7.96	8.9	3.762	102.6	2.6	1.9	0.6
351	4/29/2014 1:46:04	12.18	50.00	32.66	9.01	7.96	7.2	3.681	103.1	3.2	2.4	0.8
352	4/29/2014 2:01:04	12.74	49.77	32.52	8.82	7.96	7.5	3.550	102.0	20.0	14.8	4.7
353	4/29/2014 2:16:04	12.99	49.61	32.41	8.79	7.96	14.4	3.428	102.0	3.2	2.4	0.8
354	4/29/2014 2:31:04	12.92	49.63	32.42	8.79	7.96	11.9	3.307	101.9	3.5	2.6	0.8
355	4/29/2014 2:46:04	13.05	49.66	32.46	8.69	7.95	10.9	3.178	101.1	3.4	2.5	0.8
356	4/29/2014 3:01:04	13.41	49.50	32.35	8.57	7.95	9.5	3.055	100.3	3.1	2.3	0.7
357	4/29/2014 3:16:04	13.58	49.44	32.31	8.53	7.95	11.3	2.924	100.2	2.6	1.9	0.6
358	4/29/2014 3:31:03	13.80	49.31	32.23	8.51	7.96	11.9	2.797	100.4	2.1	1.6	0.5
359	4/29/2014 3:46:03	13.52	49.42	32.30	8.56	7.94	9.9	2.639	100.4	3.3	2.4	0.8
360	4/29/2014 4:01:03	13.93	49.09	32.07	8.58	7.96	11.2	2.495	101.3	2.8	2.1	0.7
361	4/29/2014 4:16:03	13.84	49.34	32.25	8.54	7.96	10.4	2.373	100.8	2.6	1.9	0.6
362	4/29/2014 4:31:03	13.97	49.01	32.01	8.55	7.96	10.6	2.232	101.0	2.7	2.0	0.6
363	4/29/2014 4:46:03	14.40	48.93	31.97	8.52	7.98	11.1	2.086	101.5	2.6	1.9	0.6
364	4/29/2014 5:01:03	14.42	48.91	31.95	8.42	7.97	11.3	1.921	100.4	3.2	2.4	0.8
365	4/29/2014 5:16:03	14.73	48.82	31.90	8.50	7.99	11.1	1.778	102.0	2.5	1.9	0.6
366	4/29/2014 5:31:03	14.97	48.70	31.81	8.52	7.99	10.3	1.634	102.6	2.9	2.1	0.7
367	4/29/2014 5:46:03	15.09	48.64	31.77	8.46	7.99	9.6	1.483	102.1	2.9	2.1	0.7
368	4/29/2014 6:01:03	15.09	48.63	31.77	8.40	7.98	12.1	1.372	101.3	3.7	2.7	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
369	4/29/2014 6:16:03	15.22	48.58	31.73	8.32	7.98	10.3	1.267	100.6	2.7	2.0	0.6
370	4/29/2014 6:31:03	15.30	48.38	31.59	8.33	7.98	11.0	1.185	100.8	2.2	1.6	0.5
371	4/29/2014 6:46:03	15.16	48.53	31.69	8.15	7.97	9.3	1.169	98.5	3.0	2.2	0.7
372	4/29/2014 7:01:03	15.29	48.57	31.73	8.34	7.99	9.2	1.182	101.0	2.4	1.8	0.6
373	4/29/2014 7:16:03	15.25	48.39	31.60	8.38	7.98	7.5	1.254	101.4	3.0	2.2	0.7
374	4/29/2014 7:31:03	15.33	48.56	31.72	8.41	7.99	7.2	1.332	101.9	2.4	1.8	0.6
375	4/29/2014 7:46:03	15.38	48.38	31.59	8.48	8.00	8.0	1.421	102.9	2.4	1.8	0.6
376	4/29/2014 8:01:03	15.35	48.24	31.49	8.39	7.98	9.6	1.520	101.6	2.7	2.0	0.7
377	4/29/2014 8:16:03	15.34	48.01	31.32	8.23	7.97	9.2	1.596	99.5	3.1	2.3	0.7
378	4/29/2014 8:31:03	15.30	48.18	31.44	8.25	7.97	8.7	1.687	99.8	2.5	1.9	0.6
379	4/29/2014 8:46:03	15.30	48.27	31.51	8.27	7.97	9.4	1.793	100.1	2.5	1.9	0.6
380	4/29/2014 9:01:03	15.24	48.26	31.50	8.38	7.98	8.1	1.881	101.3	2.5	1.9	0.6
381	4/29/2014 9:16:03	15.20	48.47	31.65	8.41	7.98	7.6	1.959	101.6	2.8	2.1	0.7
382	4/29/2014 9:31:03	14.99	48.62	31.75	8.40	7.98	7.2	2.065	101.2	2.2	1.6	0.5
383	4/29/2014 9:46:04	14.75	48.84	31.91	8.39	7.96	7.6	2.174	100.7	2.9	2.1	0.7
384	4/29/2014 10:01:03	14.71	48.89	31.95	8.42	7.96	7.6	2.274	101.0	2.8	2.1	0.7
385	4/29/2014 10:16:03	14.69	48.95	31.99	8.46	7.96	7.6	2.387	101.5	2.4	1.8	0.6
386	4/29/2014 10:31:03	14.62	48.91	31.96	8.49	7.96	8.4	2.497	101.6	2.7	2.0	0.6
387	4/29/2014 10:46:03	14.48	49.03	32.04	8.51	7.96	9.2	2.602	101.6	2.9	2.1	0.7
388	4/29/2014 11:01:03	14.31	49.03	32.04	8.49	7.95	10.0	2.702	101.1	2.9	2.1	0.7
389	4/29/2014 11:16:03	14.18	49.09	32.08	8.49	7.95	12.6	2.807	100.8	3.2	2.4	0.8
390	4/29/2014 11:31:03	13.96	49.23	32.17	8.55	7.95	14.7	2.897	101.2	2.5	1.9	0.6
391	4/29/2014 11:46:03	13.73	49.21	32.15	8.64	7.95	13.9	2.981	101.7	3.1	2.3	0.7
392	4/29/2014 12:01:03	13.21	49.36	32.24	8.71	7.94	13.9	3.075	101.5	3.3	2.4	0.8
393	4/29/2014 12:16:04	12.82	49.72	32.49	8.77	7.94	14.8	3.156	101.6	3.7	2.7	0.9
394	4/29/2014 12:31:04	12.67	49.82	32.55	8.79	7.94	14.5	3.234	101.5	3.2	2.4	0.8
395	4/29/2014 12:46:04	12.62	49.85	32.57	8.80	7.95	13.5	3.307	101.5	3.7	2.7	0.9
396	4/29/2014 13:01:04	12.53	49.87	32.59	8.83	7.95	10.4	3.355	101.6	3.9	2.9	0.9
397	4/29/2014 13:16:04	12.45	49.94	32.63	8.84	7.95	8.7	3.409	101.7	2.6	1.9	0.6
398	4/29/2014 13:31:04	12.39	49.94	32.63	8.91	7.95	6.3	3.438	102.3	2.9	2.1	0.7
399	4/29/2014 13:46:04	12.62	49.92	32.63	8.84	7.95	5.5	3.449	102.0	3.1	2.3	0.7
400	4/29/2014 14:01:04	12.64	49.89	32.61	8.68	7.94	6.6	3.453	100.2	2.4	1.8	0.6
401	4/29/2014 14:16:04	12.52	49.94	32.64	8.73	7.94	6.8	3.433	100.5	2.3	1.7	0.6
402	4/29/2014 14:31:04	12.57	49.92	32.63	8.77	7.94	8.9	3.358	101.1	2.0	1.5	0.5
403	4/29/2014 14:46:04	13.62	49.66	32.47	8.89	7.97	12.7	3.277	104.7	2.9	2.1	0.7
404	4/29/2014 15:01:04	13.72	49.74	32.53	9.01	7.97	8.8	3.208	106.3	2.5	1.9	0.6
405	4/29/2014 15:16:04	14.31	49.40	32.30	9.03	7.99	8.6	3.097	107.7	2.9	2.1	0.7
406	4/29/2014 15:31:03	14.38	49.39	32.30	9.15	8.00	9.2	3.000	109.3	2.6	1.9	0.6
407	4/29/2014 15:46:03	14.74	49.29	32.24	9.24	8.01	6.8	2.918	111.1	2.1	1.6	0.5
408	4/29/2014 16:01:03	14.92	49.20	32.18	9.29	8.01	7.3	2.832	112.1	2.4	1.8	0.6
409	4/29/2014 16:16:03	15.28	49.18	32.17	9.39	8.03	7.1	2.727	114.1	1.8	1.3	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
410	4/29/2014 16:31:03	15.37	49.05	32.08	9.46	8.03	5.4	2.641	115.0	2.0	1.5	0.5
411	4/29/2014 16:46:03	15.80	48.97	32.03	9.59	8.05	6.5	2.558	117.6	1.9	1.4	0.5
412	4/29/2014 17:01:03	16.03	49.01	32.06	9.61	8.05	6.4	2.465	118.5	2.1	1.6	0.5
413	4/29/2014 17:16:03	16.08	48.99	32.04	9.69	8.05	5.1	2.372	119.5	2.1	1.6	0.5
414	4/29/2014 17:31:03	16.40	48.82	31.93	9.84	8.07	5.0	2.292	122.0	2.6	1.9	0.6
415	4/29/2014 17:46:03	16.78	48.81	31.92	10.05	8.09	5.4	2.220	125.5	2.6	1.9	0.6
416	4/29/2014 18:01:02	16.82	48.64	31.80	9.98	8.09	5.7	2.167	124.7	1.9	1.4	0.4
417	4/29/2014 18:16:02	16.94	48.70	31.85	10.01	8.09	4.7	2.096	125.4	2.7	2.0	0.6
418	4/29/2014 18:31:03	17.05	48.65	31.81	10.01	8.10	4.8	2.079	125.7	3.0	2.2	0.7
419	4/29/2014 18:46:02	17.07	48.56	31.75	9.99	8.10	4.2	2.056	125.4	3.7	2.7	0.9
420	4/29/2014 19:01:03	17.01	48.68	31.84	10.08	8.10	4.3	2.046	126.5	3.4	2.5	0.8
421	4/29/2014 19:16:03	16.81	48.72	31.86	10.05	8.09	4.3	2.103	125.5	2.6	1.9	0.6
422	4/29/2014 19:31:03	16.76	48.65	31.81	9.99	8.08	5.0	2.130	124.6	2.3	1.7	0.5
423	4/29/2014 19:46:03	16.71	48.63	31.79	10.00	8.08	5.6	2.199	124.7	2.7	2.0	0.6
424	4/29/2014 20:01:03	16.69	48.60	31.77	9.81	8.06	7.0	2.291	122.2	2.7	2.0	0.6
425	4/29/2014 20:16:03	16.89	48.62	31.79	9.67	8.05	7.8	2.376	120.9	2.7	2.0	0.7
426	4/29/2014 20:31:03	16.43	48.73	31.86	9.67	8.05	7.1	2.451	119.9	2.8	2.1	0.7
427	4/29/2014 20:46:03	16.13	48.83	31.93	9.60	8.04	6.5	2.545	118.4	2.5	1.9	0.6
428	4/29/2014 21:01:03	15.62	49.05	32.08	9.39	8.01	12.1	2.638	114.8	2.6	1.9	0.6
429	4/29/2014 21:16:03	14.98	49.19	32.17	9.14	7.99	13.4	2.728	110.3	3.7	2.7	0.9
430	4/29/2014 21:31:03	14.72	49.26	32.22	9.04	7.98	23.3	2.817	108.6	2.8	2.1	0.7
431	4/29/2014 21:46:03	14.63	49.32	32.26	9.03	7.98	8.2	2.900	108.3	3.4	2.5	0.8
432	4/29/2014 22:01:03	14.47	49.36	32.28	9.04	7.98	9.0	3.005	108.1	3.7	2.7	0.9
433	4/29/2014 22:16:03	14.14	49.46	32.35	9.00	7.97	9.9	3.089	107.0	4.1	3.0	1.0
434	4/29/2014 22:31:03	13.90	49.53	32.39	9.02	7.96	11.7	3.182	106.7	3.4	2.5	0.8
435	4/29/2014 22:46:04	13.46	49.76	32.54	9.10	7.96	13.3	3.289	106.8	3.5	2.6	0.8
436	4/29/2014 23:01:03	13.03	49.86	32.60	9.15	7.96	21.7	3.385	106.4	3.8	2.8	0.9
437	4/29/2014 23:16:03	12.77	49.98	32.67	9.19	7.96		3.480	106.4	3.9	2.9	0.9
438	4/29/2014 23:31:04	12.35	50.16	32.79	9.25	7.96	23.0	3.564	106.3	3.5	2.6	0.8
439	4/29/2014 23:46:04	12.12	50.24	32.84	9.28	7.97		3.654	106.1	4.6	3.4	1.1
440	4/30/2014 0:01:03	11.99	50.26	32.85	9.30	7.97	6.6	3.731	106.0	3.6	2.7	0.8
441	4/30/2014 0:16:04	11.94	50.30	32.87	9.33	7.97	6.1	3.803	106.3	3.4	2.5	0.8
442	4/30/2014 0:31:03	11.90	50.32	32.88	9.33	7.97	6.3	3.865	106.2	2.8	2.1	0.7
443	4/30/2014 0:46:03	11.90	50.30	32.87	9.30	7.97	5.4	3.899	105.9	3.4	2.5	0.8
444	4/30/2014 1:01:04	11.90	50.38	32.93	9.16	7.97	3.7	3.924	104.3	2.6	1.9	0.6
445	4/30/2014 1:16:03	12.05	50.26	32.85	9.12	7.96	4.9	3.923	104.2	2.9	2.1	0.7
446	4/30/2014 1:31:03	12.08	50.30	32.87	9.13	7.96	5.2	3.894	104.3	2.3	1.7	0.6
447	4/30/2014 1:46:04	12.16	50.28	32.87	9.13	7.96	6.1	3.841	104.5	2.6	1.9	0.6
448	4/30/2014 2:01:04	12.40	50.13	32.77	9.04	7.96	5.7	3.770	104.0	2.3	1.7	0.5
449	4/30/2014 2:16:04	12.67	50.02	32.70	8.98	7.97	6.4	3.672	103.8	2.2	1.6	0.5
450	4/30/2014 2:31:04	12.69	50.02	32.70	8.98	7.97	6.1	3.565	103.8	2.7	2.0	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
451	4/30/2014 2:46:04	13.21	49.80	32.56	8.81	7.96	10.8	3.446	102.9	2.7	2.0	0.6
452	4/30/2014 3:01:04	13.37	49.77	32.54	8.82	7.97	11.2	3.328	103.3	2.7	2.0	0.6
453	4/30/2014 3:16:04	13.36	49.78	32.55	8.79	7.96	7.9	3.195	102.9	2.6	1.9	0.6
454	4/30/2014 3:31:03	13.84	49.59	32.43	8.68	7.96	8.9	3.071	102.5	2.5	1.9	0.6
455	4/30/2014 3:46:04	13.98	49.54	32.40	8.70	7.96	10.3	2.944	103.1	2.6	1.9	0.6
456	4/30/2014 4:01:03	14.18	49.45	32.34	8.67	7.96	9.9	2.807	103.1	3.0	2.2	0.7
457	4/30/2014 4:16:03	14.21	49.41	32.31	8.66	7.96	9.7	2.678	103.0	2.4	1.8	0.6
458	4/30/2014 4:31:03	14.31	49.33	32.26	8.60	7.96	9.7	2.556	102.5	2.1	1.6	0.5
459	4/30/2014 4:46:03	14.18	49.45	32.34	8.67	7.96	9.1	2.410	103.2	2.9	2.1	0.7
460	4/30/2014 5:01:03	14.43	49.39	32.30	8.61	7.96	8.8	2.250	102.9	3.2	2.4	0.8
461	4/30/2014 5:16:03	14.85	49.29	32.24	8.51	7.97	11.4	2.115	102.6	2.8	2.1	0.7
462	4/30/2014 5:31:03	15.06	48.96	32.01	8.56	7.97	10.4	1.975	103.4	2.5	1.9	0.6
463	4/30/2014 5:46:03	15.27	48.90	31.96	8.46	7.97	11.1	1.820	102.6	6.5	4.8	1.6
464	4/30/2014 6:01:03	15.44	48.94	32.00	8.47	7.98	10.7	1.660	103.1	3.5	2.6	0.8
465	4/30/2014 6:16:03	15.76	48.82	31.91	8.44	7.98	9.2	1.542	103.4	2.8	2.1	0.7
466	4/30/2014 6:31:03	15.90	48.75	31.87	8.39	7.98	13.8	1.408	102.9	2.9	2.1	0.7
467	4/30/2014 6:46:03	16.07	48.67	31.81	8.32	7.98	9.4	1.286	102.4	2.4	1.8	0.6
468	4/30/2014 7:01:03	16.26	48.65	31.80	8.23	7.98	8.7	1.205	101.6	2.4	1.8	0.6
469	4/30/2014 7:16:03	16.34	48.54	31.73	8.16	7.98	10.5	1.158	101.0	2.5	1.9	0.6
470	4/30/2014 7:31:03	16.19	48.65	31.80	8.16	7.97	9.4	1.132	100.6	3.0	2.2	0.7
471	4/30/2014 7:46:03	16.22	48.43	31.64	8.20	7.97	8.4	1.169	101.1	3.4	2.5	0.8
472	4/30/2014 8:01:03	16.29	48.54	31.72	8.29	7.98	7.9	1.245	102.4	3.4	2.5	0.8
473	4/30/2014 8:16:03	16.28	48.61	31.77	8.34	7.98	10.1	1.325	103.1	3.0	2.2	0.7
474	4/30/2014 8:31:03	16.29	48.62	31.78	8.43	7.99	7.9	1.407	104.3	4.6	3.4	1.1
475	4/30/2014 8:46:03	16.33	48.29	31.54	8.29	7.97	10.1	1.496	102.4	3.0	2.2	0.7
476	4/30/2014 9:01:03	16.40	48.20	31.48	8.10	7.95	10.7	1.576	100.2	2.8	2.1	0.7
477	4/30/2014 9:16:03	16.26	48.18	31.46	8.16	7.96	9.2	1.681	100.7	2.7	2.0	0.6
478	4/30/2014 9:31:03	16.15	48.52	31.71	8.29	7.97	9.4	1.771	102.1	2.9	2.1	0.7
479	4/30/2014 9:46:03	16.04	48.65	31.80	8.35	7.97	8.2	1.849	102.7	2.8	2.1	0.7
480	4/30/2014 10:01:03	15.91	48.66	31.80	8.38	7.97	9.5	1.960	102.8	2.2	1.6	0.5
481	4/30/2014 10:16:03	15.57	48.91	31.98	8.40	7.97	7.6	2.059	102.6	2.5	1.9	0.6
482	4/30/2014 10:31:03	15.52	48.88	31.96	8.45	7.96	9.5	2.163	102.9	2.8	2.1	0.7
483	4/30/2014 10:46:03	15.38	48.83	31.91	8.50	7.96	9.1	2.272	103.3	2.4	1.8	0.6
484	4/30/2014 11:01:03	15.34	49.11	32.12	8.52	7.96	7.5	2.370	103.5	2.5	1.9	0.6
485	4/30/2014 11:16:03	15.23	48.97	32.01	8.58	7.96	10.0	2.478	104.0	2.9	2.1	0.7
486	4/30/2014 11:31:03	15.11	49.08	32.10	8.60	7.96	11.4	2.574	104.0	3.0	2.2	0.7
487	4/30/2014 11:46:03	14.94	49.12	32.12	8.60	7.96	10.8	2.660	103.7	3.2	2.4	0.8
488	4/30/2014 12:01:03	14.79	49.25	32.21	8.61	7.96	10.5	2.762	103.6	2.7	2.0	0.6
489	4/30/2014 12:16:04	14.59	49.36	32.29	8.67	7.95	10.9	2.845	103.9	3.1	2.3	0.7
490	4/30/2014 12:31:03	14.35	49.35	32.27	8.72	7.95	13.8	2.946	104.0	2.7	2.0	0.7
491	4/30/2014 12:46:03	13.83	49.48	32.35	8.80	7.95	14.4	3.028	103.9	3.0	2.2	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
492	4/30/2014 13:01:04	13.46	49.78	32.56	8.86	7.95	14.5	3.111	104.0	3.5	2.6	0.8
493	4/30/2014 13:16:04	13.31	49.88	32.62	8.86	7.95	15.4	3.190	103.7	3.4	2.5	0.8
494	4/30/2014 13:31:04	13.22	49.91	32.64	8.87	7.96	15.0	3.261	103.6	3.4	2.5	0.8
495	4/30/2014 13:46:03	13.14	49.88	32.62	8.92	7.96	11.9	3.332	104.0	3.2	2.4	0.8
496	4/30/2014 14:01:04	13.02	50.04	32.73	8.93	7.96	6.5	3.380	104.0	3.1	2.3	0.7
497	4/30/2014 14:16:04	12.95	50.06	32.74	8.90	7.96	7.8	3.412	103.5	4.9	3.6	1.2
498	4/30/2014 14:31:04	12.94	50.10	32.77	8.74	7.95	6.2	3.438	101.6	2.0	1.5	0.5
499	4/30/2014 14:46:04	13.00	50.00	32.70	8.67	7.95	14.5	3.432	100.9	2.4	1.8	0.6
500	4/30/2014 15:01:04	12.94	50.06	32.74	8.77	7.95	7.8	3.400	101.9	3.1	2.3	0.7
501	4/30/2014 15:16:04	13.04	50.05	32.74	8.75	7.95	8.7	3.342	102.0	3.0	2.2	0.7
502	4/30/2014 15:31:04	14.26	49.76	32.56	8.93	7.98	8.7	3.270	106.5	2.4	1.8	0.6
503	4/30/2014 15:46:03	14.79	49.70	32.54	9.22	7.99	7.9	3.192	111.2	2.8	2.1	0.7
504	4/30/2014 16:01:03	15.25	49.50	32.40	9.20	8.00	6.4	3.107	111.9	2.3	1.7	0.6
505	4/30/2014 16:16:03	15.48	49.45	32.37	9.30	8.01	8.0	2.998	113.5	2.6	1.9	0.6
506	4/30/2014 16:31:03	15.64	49.34	32.29	9.36	8.01	8.3	2.909	114.6	3.1	2.3	0.7
507	4/30/2014 16:46:03	15.73	49.26	32.24	9.43	8.02	7.0	2.823	115.6	2.6	1.9	0.6
508	4/30/2014 17:01:03	15.91	49.31	32.28	9.45	8.02	6.3	2.737	116.3	1.9	1.4	0.4
509	4/30/2014 17:16:03	16.28	49.05	32.10	9.58	8.04	6.6	2.663	118.6	2.6	1.9	0.6
510	4/30/2014 17:31:03	16.62	49.04	32.09	9.70	8.05	5.3	2.581	121.0	2.1	1.6	0.5
511	4/30/2014 17:46:03	16.91	49.09	32.13	9.79	8.06	5.4	2.496	122.7	2.1	1.6	0.5
512	4/30/2014 18:01:02	17.07	48.94	32.03	9.96	8.07	5.4	2.424	125.2	2.7	2.0	0.6
513	4/30/2014 18:16:02	17.29	48.92	32.01	9.87	8.07	5.3	2.355	124.6	2.6	1.9	0.6
514	4/30/2014 18:31:02	17.48	48.82	31.94	10.03	8.08	5.4	2.294	127.0	2.9	2.1	0.7
515	4/30/2014 18:46:03	17.67	48.86	31.97	9.95	8.08	8.1	2.242	126.4	3.3	2.4	0.8
516	4/30/2014 19:01:02	17.84	48.68	31.84	9.98	8.08	5.6	2.195	127.2	3.6	2.7	0.8
517	4/30/2014 19:16:02	17.95	48.81	31.94	9.94	8.08	4.2	2.173	127.0	3.3	2.4	0.8
518	4/30/2014 19:31:02	17.72	48.84	31.96	9.52	8.05	4.3	2.153	121.1	1.7	1.3	0.4
519	4/30/2014 19:46:03	17.28	48.86	31.97	9.79	8.06	4.6	2.164	123.5	1.7	1.3	0.4
520	4/30/2014 20:01:03	17.38	48.92	32.01	9.86	8.06	5.1	2.199	124.7	2.2	1.6	0.5
521	4/30/2014 20:16:03	17.33	48.86	31.97	9.86	8.06	5.6	2.232	124.5	2.8	2.1	0.7
522	4/30/2014 20:31:02	17.23	48.89	31.99	9.80	8.05	5.9	2.297	123.5	2.8	2.1	0.7
523	4/30/2014 20:46:02	17.58	48.81	31.93	9.70	8.05	9.2	2.369	123.0	5.3	3.9	1.3
524	4/30/2014 21:01:02	17.60	48.72	31.87	9.65	8.04	7.5	2.452	122.4	3.0	2.2	0.7
525	4/30/2014 21:16:03	17.06	48.99	32.06	9.64	8.04	7.4	2.538	121.2	3.2	2.4	0.8
526	4/30/2014 21:31:03	16.47	49.16	32.18	9.51	8.02	7.1	2.619	118.2	2.5	1.9	0.6
527	4/30/2014 21:46:03	15.97	49.24	32.23	9.33	8.00	7.9	2.710	115.0	2.9	2.1	0.7
528	4/30/2014 22:01:03	15.65	49.35	32.30	9.23	7.99	7.1	2.792	113.0	2.9	2.1	0.7
529	4/30/2014 22:16:03	15.26	49.36	32.30	9.11	7.98	7.1	2.881	110.7	3.3	2.4	0.8
530	4/30/2014 22:31:03	15.14	49.40	32.33	9.08	7.98	8.1	2.963	110.1	2.8	2.1	0.7
531	4/30/2014 22:46:03	14.79	49.56	32.43	9.07	7.97	8.6	3.056	109.3	3.7	2.7	0.9
532	4/30/2014 23:01:03	14.44	49.68	32.52	9.07	7.97	10.4	3.150	108.6	3.9	2.9	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
533	4/30/2014 23:16:03	14.06	49.80	32.59	9.09	7.97	10.7	3.251	108.0	3.1	2.3	0.7
534	4/30/2014 23:31:03	13.71	49.96	32.69	9.17	7.97	10.4	3.353	108.3	3.6	2.7	0.8
535	4/30/2014 23:46:03	13.36	50.01	32.72	9.19	7.97	10.8	3.438	107.8	3.5	2.6	0.8
536	5/1/2014 0:01:03	13.10	50.11	32.78	9.19	7.97	9.8	3.529	107.2	3.4	2.5	0.8
537	5/1/2014 0:16:03	12.74	50.16	32.81	9.21	7.97	8.9	3.613	106.7	3.0	2.2	0.7
538	5/1/2014 0:31:03	12.56	50.30	32.90	9.22	7.97	7.1	3.692	106.4	2.6	1.9	0.6
539	5/1/2014 0:46:04	12.40	50.38	32.95	9.21	7.98	6.2	3.759	106.1	2.8	2.1	0.7
540	5/1/2014 1:01:04	12.34	50.36	32.93	9.20	7.98	4.8	3.815	105.8	2.7	2.0	0.6
541	5/1/2014 1:16:04	12.33	50.41	32.97	9.15	7.98	4.3	3.851	105.1	2.2	1.6	0.5
542	5/1/2014 1:31:04	12.29	50.40	32.96	9.14	7.98	7.5	3.875	104.9	3.7	2.7	0.9
543	5/1/2014 1:46:04	12.63	50.35	32.94	8.91	7.97	6.5	3.882	103.0	2.8	2.1	0.7
544	5/1/2014 2:01:04	12.47	50.37	32.94	8.91	7.97	16.1	3.862	102.6	2.4	1.8	0.6
545	5/1/2014 2:16:04	12.50	50.36	32.94	8.95	7.97	4.6	3.821	103.2	2.6	1.9	0.6
546	5/1/2014 2:31:04	13.06	50.08	32.76	8.87	7.97	7.5	3.747	103.4	1.8	1.3	0.4
547	5/1/2014 2:46:03	13.14	50.03	32.73	8.89	7.97	8.5	3.691	103.7	2.5	1.9	0.6
548	5/1/2014 3:01:04	13.08	50.12	32.79	8.94	7.97	6.4	3.597	104.2	2.3	1.7	0.6
549	5/1/2014 3:16:04	13.91	49.86	32.63	8.69	7.96	8.9	3.473	103.0	2.6	1.9	0.6
550	5/1/2014 3:31:03	13.95	49.75	32.55	8.78	7.96	9.2	3.350	104.0	3.0	2.2	0.7
551	5/1/2014 3:46:03	14.10	49.77	32.57	8.76	7.96	7.8	3.261	104.1	2.7	2.0	0.6
552	5/1/2014 4:01:03	14.78	49.54	32.42	8.64	7.97	9.4	3.141	104.1	2.7	2.0	0.6
553	5/1/2014 4:16:03	15.12	49.44	32.36	8.62	7.97	8.8	3.023	104.4	2.7	2.0	0.6
554	5/1/2014 4:31:03	15.19	49.38	32.31	8.56	7.96	8.7	2.900	103.9	2.3	1.7	0.5
555	5/1/2014 4:46:03	15.50	49.30	32.26	8.54	7.97	9.7	2.759	104.2	2.5	1.9	0.6
556	5/1/2014 5:01:03	14.70	49.62	32.48	8.60	7.96	10.0	2.644	103.5	2.6	1.9	0.6
557	5/1/2014 5:16:03	15.20	49.39	32.32	8.49	7.96	10.0	2.532	103.1	2.6	1.9	0.6
558	5/1/2014 5:31:03	15.51	49.27	32.24	8.46	7.96	9.5	2.361	103.3	2.7	2.0	0.6
559	5/1/2014 5:46:03	15.86	49.13	32.14	8.38	7.96	10.4	2.240	103.0	2.3	1.7	0.5
560	5/1/2014 6:01:03	15.67	49.31	32.27	8.28	7.95	9.6	2.092	101.4	2.3	1.7	0.6
561	5/1/2014 6:16:03	16.01	49.02	32.07	8.22	7.95	10.0	1.940	101.2	3.2	2.4	0.8
562	5/1/2014 6:31:03	15.95	49.17	32.18	8.14	7.94	9.7	1.805	100.2	2.3	1.7	0.6
563	5/1/2014 6:46:03	16.22	49.01	32.06	8.11	7.95	10.0	1.660	100.3	2.1	1.6	0.5
564	5/1/2014 7:01:03	16.43	49.02	32.08	8.11	7.95	9.6	1.534	100.7	2.9	2.1	0.7
565	5/1/2014 7:16:03	16.70	48.83	31.94	8.11	7.95	14.1	1.414	101.1	2.2	1.6	0.5
566	5/1/2014 7:31:03	16.88	48.74	31.87	8.08	7.95		1.316	101.2	3.1	2.3	0.7
567	5/1/2014 7:46:03	17.14	48.77	31.90	7.97	7.95	13.1	1.237	100.2	2.5	1.9	0.6
568	5/1/2014 8:01:03	17.29	48.73	31.87	7.86	7.95		1.196	99.1	2.9	2.1	0.7
569	5/1/2014 8:16:02	17.08	48.77	31.90	7.81	7.93	7.2	1.202	98.1	3.5	2.6	0.8
570	5/1/2014 8:31:03	17.05	48.77	31.90	8.02	7.95	6.7	1.225	100.7	3.3	2.4	0.8
571	5/1/2014 8:46:03	17.02	48.83	31.94	8.04	7.95	6.5	1.300	100.9	2.8	2.1	0.7
572	5/1/2014 9:01:03	17.11	48.78	31.91	8.11	7.95	6.5	1.373	101.9	3.0	2.2	0.7
573	5/1/2014 9:16:02	17.14	48.72	31.86	8.16	7.96	6.3	1.462	102.6	2.5	1.9	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
574	5/1/2014 9:31:03	17.43	48.50	31.70	7.91	7.94	8.3	1.548	99.9	3.1	2.3	0.7
575	5/1/2014 9:46:03	17.19	48.64	31.80	7.93	7.94	7.5	1.637	99.8	2.5	1.9	0.6
576	5/1/2014 10:01:03	17.39	48.47	31.68	7.83	7.93	8.1	1.727	98.8	2.9	2.1	0.7
577	5/1/2014 10:16:03	17.17	48.59	31.77	7.95	7.94	8.0	1.810	100.0	2.8	2.1	0.7
578	5/1/2014 10:31:03	16.92	48.73	31.87	8.03	7.95	7.3	1.902	100.5	2.4	1.8	0.6
579	5/1/2014 10:46:03	16.73	48.85	31.96	8.08	7.95	7.4	2.006	100.8	2.6	1.9	0.6
580	5/1/2014 11:01:03	16.37	48.89	31.98	8.19	7.94	6.8	2.094	101.5	2.4	1.8	0.6
581	5/1/2014 11:16:03	16.24	49.07	32.11	8.26	7.95	7.0	2.198	102.2	2.2	1.6	0.5
582	5/1/2014 11:31:03	16.13	49.03	32.08	8.36	7.95	6.6	2.300	103.2	2.9	2.1	0.7
583	5/1/2014 11:46:03	16.06	49.18	32.18	8.39	7.95	6.9	2.399	103.5	2.9	2.1	0.7
584	5/1/2014 12:01:03	16.00	49.21	32.21	8.47	7.95	7.5	2.509	104.4	2.8	2.1	0.7
585	5/1/2014 12:16:03	15.90	49.13	32.15	8.50	7.95	8.6	2.603	104.5	2.9	2.1	0.7
586	5/1/2014 12:31:03	15.73	49.29	32.26	8.50	7.95	8.6	2.702	104.2	3.1	2.3	0.7
587	5/1/2014 12:46:03	15.60	49.35	32.30	8.51	7.95	9.5	2.777	104.1	2.2	1.6	0.5
588	5/1/2014 13:01:03	15.39	49.36	32.30	8.61	7.95	12.4	2.878	104.9	2.6	1.9	0.6
589	5/1/2014 13:16:03	15.17	49.31	32.26	8.70	7.96	11.4	2.960	105.6	3.3	2.4	0.8
590	5/1/2014 13:31:03	14.72	49.68	32.52	8.72	7.95	10.3	3.044	105.0	3.0	2.2	0.7
591	5/1/2014 13:46:03	14.19	49.85	32.63	8.79	7.96	9.2	3.123	104.7	2.5	1.9	0.6
592	5/1/2014 14:01:03	13.88	49.96	32.70	8.83	7.96	8.7	3.187	104.6	12.7	9.4	3.0
593	5/1/2014 14:16:03	13.75	50.05	32.76	8.85	7.96	8.1	3.270	104.6	2.7	2.0	0.6
594	5/1/2014 14:31:03	13.67	50.00	32.72	8.88	7.96	7.1	3.332	104.8	2.5	1.9	0.6
595	5/1/2014 14:46:03	13.60	50.25	32.90	8.84	7.96	6.0	3.383	104.3	2.7	2.0	0.6
596	5/1/2014 15:01:04	13.53	50.28	32.93	8.82	7.96	4.8	3.419	103.8	2.4	1.8	0.6
597	5/1/2014 15:16:04	13.65	50.32	32.96	8.66	7.96	5.0	3.428	102.3	1.7	1.3	0.4
598	5/1/2014 15:31:04	13.73	50.05	32.76	8.55	7.95	5.0	3.431	101.0	1.7	1.3	0.4
599	5/1/2014 15:46:04	13.53	50.00	32.72	8.66	7.96	4.6	3.416	101.9	2.0	1.5	0.5
600	5/1/2014 16:01:03	13.69	49.85	32.62	8.64	7.95	5.7	3.359	101.9	1.8	1.3	0.4
601	5/1/2014 16:16:03	13.94	49.96	32.70	8.74	7.96	7.7	3.289	103.7	2.7	2.0	0.6
602	5/1/2014 16:31:04	14.11	49.89	32.65	8.79	7.97	9.4	3.217	104.6	3.5	2.6	0.8
603	5/1/2014 16:46:03	14.57	49.79	32.60	8.81	7.98	9.6	3.134	105.8	2.7	2.0	0.6
604	5/1/2014 17:01:03	15.42	49.66	32.53	8.85	7.99	9.0	3.053	108.0	2.8	2.1	0.7
605	5/1/2014 17:16:03	15.98	49.51	32.43	8.85	8.00	9.5	2.964	109.2	3.0	2.2	0.7
606	5/1/2014 17:31:03	16.47	49.33	32.30	8.93	8.01	10.0	2.876	111.1	4.3	3.2	1.0
607	5/1/2014 17:46:03	16.58	49.42	32.37	8.90	8.01	7.8	2.801	111.1	2.8	2.1	0.7
608	5/1/2014 18:01:03	16.65	49.25	32.25	8.95	8.01	7.4	2.736	111.7	2.1	1.6	0.5
609	5/1/2014 18:16:03	17.06	49.20	32.21	9.06	8.03	7.5	2.647	114.0	1.7	1.3	0.4
610	5/1/2014 18:31:03	17.32	49.25	32.25	9.12	8.04	6.9	2.584	115.3	2.1	1.6	0.5
611	5/1/2014 18:46:03	16.93	49.67	32.55	9.07	8.04	7.8	2.516	114.1	2.5	1.9	0.6
612	5/1/2014 19:01:03	17.25	49.24	32.24	9.30	8.05	6.5	2.453	117.5	2.7	2.0	0.6
613	5/1/2014 19:16:02	17.56	49.13	32.17	9.26	8.05	6.2	2.405	117.5	2.8	2.1	0.7
614	5/1/2014 19:31:02	18.10	48.94	32.03	9.27	8.07	5.9	2.355	118.8	3.1	2.3	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
615	5/1/2014 19:46:02	18.34	48.97	32.05	9.14	8.06	5.1	2.326	117.7	3.5	2.6	0.8
616	5/1/2014 20:01:03	18.38	48.85	31.97	9.20	8.07	5.0	2.315	118.5	3.7	2.7	0.9
617	5/1/2014 20:16:02	18.40	48.91	32.01	8.63	8.04	5.7	2.307	111.3	3.2	2.4	0.8
618	5/1/2014 20:31:03	17.79	48.98	32.06	9.14	8.04		2.319	116.4	2.8	2.1	0.7
619	5/1/2014 20:46:02	18.00	48.99	32.07	9.23	8.05	6.7	2.345	118.2	14.3	10.6	3.4
620	5/1/2014 21:01:02	17.98	48.95	32.04	9.20	8.05	5.3	2.378	117.7	2.8	2.1	0.7
621	5/1/2014 21:16:03	17.86	49.02	32.09	9.13	8.04	6.7	2.432	116.6	3.3	2.4	0.8
622	5/1/2014 21:31:03	17.68	48.92	32.01	9.10	8.03	6.6	2.509	115.7	2.8	2.1	0.7
623	5/1/2014 21:46:02	17.63	48.97	32.05	9.05	8.03	6.8	2.585	115.0	2.7	2.0	0.6
624	5/1/2014 22:01:03	17.36	49.13	32.16	9.04	8.02	6.7	2.651	114.3	3.3	2.4	0.8
625	5/1/2014 22:16:03	17.09	49.21	32.22	9.01	8.01	6.4	2.734	113.5	12.3	9.1	2.9
626	5/1/2014 22:31:03	16.66	49.26	32.25	8.91	8.00	6.9	2.804	111.2	5.1	3.8	1.2
627	5/1/2014 22:46:03	16.13	49.42	32.36	8.81	7.98	6.5	2.876	109.0	3.6	2.7	0.8
628	5/1/2014 23:01:03	15.71	49.54	32.44	8.76	7.97	6.8	2.963	107.5	3.3	2.4	0.8
629	5/1/2014 23:16:03	15.39	49.57	32.46	8.74	7.97	6.1	3.042	106.5	3.2	2.4	0.8
630	5/1/2014 23:31:03	15.23	49.53	32.42	8.73	7.97	7.1	3.127	106.1	2.3	1.7	0.5
631	5/1/2014 23:46:03	14.79	49.76	32.58	8.70	7.96	7.8	3.205	105.0	2.9	2.1	0.7
632	5/2/2014 0:01:03	14.33	49.85	32.64	8.69	7.96	7.0	3.286	103.9	3.1	2.3	0.7
633	5/2/2014 0:16:03	13.93	49.94	32.69	8.69	7.95	7.8	3.373	103.1	2.5	1.9	0.6
634	5/2/2014 0:31:03	13.63	49.96	32.69	8.70	7.95	7.2	3.445	102.6	3.1	2.3	0.7
635	5/2/2014 0:46:04	13.36	50.15	32.82	8.66	7.95	5.3	3.530	101.6	2.8	2.1	0.7
636	5/2/2014 1:01:03	13.14	50.15	32.81	8.61	7.95	4.8	3.594	100.6	2.6	1.9	0.6
637	5/2/2014 1:16:03	12.98	50.23	32.87	8.62	7.95	4.4	3.660	100.4	2.0	1.5	0.5
638	5/2/2014 1:31:04	12.81	50.29	32.90	8.59	7.95	4.9	3.717	99.7	2.7	2.0	0.6
639	5/2/2014 1:46:03	12.71	50.30	32.91	8.58	7.95	4.1	3.749	99.3	2.2	1.6	0.5
640	5/2/2014 2:01:03	12.68	50.27	32.89	8.58	7.95	3.1	3.778	99.3	3.2	2.4	0.8
641	5/2/2014 2:16:03	12.68	50.29	32.90	8.48	7.95	2.8	3.797	98.2	1.8	1.3	0.4
642	5/2/2014 2:31:04	12.93	50.29	32.90	8.39	7.94	6.2	3.789	97.6	6.7	5.0	1.6
643	5/2/2014 2:46:04	12.76	50.31	32.92	8.36	7.94	3.2	3.756	96.9	3.7	2.7	0.9
644	5/2/2014 3:01:04	12.77	50.23	32.86	8.34	7.94	3.4	3.709	96.7	9.8	7.3	2.3
645	5/2/2014 3:16:03	13.28	50.13	32.80	8.34	7.94	5.5	3.651	97.7	5.8	4.3	1.4
646	5/2/2014 3:31:04	13.87	49.97	32.71	8.27	7.94	9.0	3.566	98.0	7.5	5.6	1.8
647	5/2/2014 3:46:03	14.21	49.90	32.67	8.31	7.95	7.1	3.471	99.1	4.8	3.6	1.1
648	5/2/2014 4:01:03	14.67	49.78	32.59	8.22	7.95	8.1	3.377	98.9	9.0	6.7	2.1
649	5/2/2014 4:16:03	14.83	49.69	32.53	8.31	7.95	7.3	3.275	100.3	6.8	5.0	1.6
650	5/2/2014 4:31:03	15.11	49.56	32.44	8.33	7.96	8.3	3.161	101.0	3.7	2.7	0.9
651	5/2/2014 4:46:03	15.27	49.52	32.42	8.32	7.96	9.1	3.044	101.3	2.1	1.6	0.5
652	5/2/2014 5:01:03	15.40	49.47	32.38	8.35	7.96	8.4	2.932	101.8	3.1	2.3	0.7
653	5/2/2014 5:16:03	15.22	49.51	32.41	8.15	7.94	8.7	2.814	99.1	2.4	1.8	0.6
654	5/2/2014 5:31:03	15.91	49.34	32.30	8.08	7.95	9.4	2.677	99.4	2.4	1.8	0.6
655	5/2/2014 5:46:03	15.92	49.41	32.35	8.02	7.94	9.2	2.563	98.8	2.8	2.1	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
656	5/2/2014 6:01:03	16.23	49.38	32.34	8.03	7.95	16.4	2.435	99.5	2.4	1.8	0.6
657	5/2/2014 6:16:03	16.14	49.32	32.29	7.97	7.94	11.2	2.315	98.6	2.1	1.6	0.5
658	5/2/2014 6:31:03	16.61	49.26	32.25	7.95	7.95		2.170	99.2	3.2	2.4	0.8
659	5/2/2014 6:46:03	16.81	49.23	32.23	7.85	7.95	15.3	2.030	98.4	2.4	1.8	0.6
660	5/2/2014 7:01:03	16.93	49.14	32.17	7.68	7.93		1.892	96.3	8.6	6.4	2.1
661	5/2/2014 7:16:03	17.06	49.11	32.15	7.54	7.92		1.757	94.9	3.2	2.4	0.8
662	5/2/2014 7:31:03	17.42	49.06	32.12	7.45	7.92		1.642	94.3	2.4	1.8	0.6
663	5/2/2014 7:46:03	17.45	48.94	32.03	7.48	7.92	8.5	1.522	94.7	2.4	1.8	0.6
664	5/2/2014 8:01:02	17.86	48.96	32.04	7.34	7.92	8.9	1.417	93.6	3.0	2.2	0.7
665	5/2/2014 8:16:02	18.24	48.82	31.94	7.10	7.92	7.1	1.351	91.2	2.8	2.1	0.7
666	5/2/2014 8:31:02	18.12	48.90	32.00	7.07	7.91	6.8	1.296	90.6	3.3	2.4	0.8
667	5/2/2014 8:46:02	18.22	48.90	32.00	7.02	7.91	7.3	1.278	90.2	4.7	3.5	1.1
668	5/2/2014 9:01:02	18.16	48.91	32.01	7.15	7.91	8.3	1.287	91.8	3.9	2.9	0.9
669	5/2/2014 9:16:03	18.12	48.86	31.97	7.22	7.92	7.0	1.330	92.5	3.9	2.9	0.9
670	5/2/2014 9:31:03	18.03	48.85	31.96	7.22	7.91	8.9	1.391	92.4	3.6	2.7	0.8
671	5/2/2014 9:46:02	18.09	48.85	31.96	7.31	7.92	11.5	1.451	93.6	3.7	2.7	0.9
672	5/2/2014 10:01:03	18.02	48.93	32.02	7.35	7.92	7.4	1.548	94.1	4.1	3.0	1.0
673	5/2/2014 10:16:03	18.17	48.52	31.72	7.21	7.91	8.9	1.616	92.4	3.7	2.7	0.9
674	5/2/2014 10:31:02	18.09	48.67	31.83	7.20	7.91	7.5	1.694	92.2	3.0	2.2	0.7
675	5/2/2014 10:46:03	18.04	48.75	31.89	7.22	7.91	8.9	1.792	92.4	2.5	1.9	0.6
676	5/2/2014 11:01:03	17.88	48.79	31.92	7.34	7.92	7.6	1.861	93.7	3.0	2.2	0.7
677	5/2/2014 11:16:03	17.76	48.90	32.00	7.37	7.92	6.8	1.950	93.9	2.6	1.9	0.6
678	5/2/2014 11:31:03	17.63	48.94	32.03	7.44	7.93	8.2	2.045	94.6	1.9	1.4	0.5
679	5/2/2014 11:46:03	17.25	49.00	32.07	7.63	7.93	6.7	2.141	96.3	2.1	1.6	0.5
680	5/2/2014 12:01:03	17.00	49.18	32.20	7.79	7.93	6.1	2.220	97.8	2.2	1.6	0.5
681	5/2/2014 12:16:03	16.86	49.07	32.11	7.91	7.94	5.9	2.320	99.1	3.0	2.2	0.7
682	5/2/2014 12:31:03	16.67	49.17	32.19	7.96	7.94	6.3	2.416	99.4	2.3	1.7	0.5
683	5/2/2014 12:46:03	16.62	49.29	32.27	8.00	7.94	6.3	2.501	99.8	2.9	2.1	0.7
684	5/2/2014 13:01:03	16.56	49.32	32.29	8.06	7.94	7.9	2.590	100.5	3.2	2.4	0.8
685	5/2/2014 13:16:03	16.39	49.37	32.33	8.15	7.95	8.0	2.671	101.3	2.7	2.0	0.6
686	5/2/2014 13:31:03	16.22	49.30	32.28	8.16	7.94	8.3	2.759	101.1	2.5	1.9	0.6
687	5/2/2014 13:46:03	15.98	49.39	32.33	8.13	7.94	8.9	2.841	100.3	2.1	1.6	0.5
688	5/2/2014 14:01:03	15.71	49.42	32.35	8.25	7.94	9.6	2.916	101.1	2.8	2.1	0.7
689	5/2/2014 14:16:03	15.47	49.54	32.44	8.27	7.94	7.9	2.997	101.0	2.5	1.9	0.6
690	5/2/2014 14:31:03	14.72	49.73	32.56	8.34	7.94	7.5	3.075	100.4	2.6	1.9	0.6
691	5/2/2014 14:46:03	14.38	49.77	32.58	8.39	7.94	7.9	3.151	100.3	1.9	1.4	0.5
692	5/2/2014 15:01:03	14.14	49.91	32.67	8.43	7.95	4.8	3.212	100.4	1.9	1.4	0.5
693	5/2/2014 15:16:03	14.03	49.77	32.57	8.44	7.95	4.5	3.264	100.2	2.1	1.6	0.5
694	5/2/2014 15:31:03	13.98	50.01	32.74	8.43	7.95	3.9	3.314	100.1	2.8	2.1	0.7
695	5/2/2014 15:46:03	13.96	50.04	32.76	8.40	7.95	3.0	3.340	99.8	1.7	1.3	0.4
696	5/2/2014 16:01:04	14.28	50.01	32.75	8.23	7.95	4.4	3.352	98.3	2.8	2.1	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
697	5/2/2014 16:16:04	14.00	50.04	32.77	8.21	7.94	3.8	3.341	97.5	1.8	1.3	0.4
698	5/2/2014 16:31:03	14.02	50.05	32.77	8.25	7.94	4.2	3.314	98.1	3.6	2.7	0.9
699	5/2/2014 16:46:04	14.25	49.98	32.73	8.24	7.94	5.4	3.261	98.4	1.9	1.4	0.4
700	5/2/2014 17:01:03	15.04	49.71	32.55	8.40	7.96	5.3	3.195	101.7	2.5	1.9	0.6
701	5/2/2014 17:16:03	15.73	49.63	32.51	8.49	7.98	7.2	3.127	104.2	2.1	1.6	0.5
702	5/2/2014 17:31:03	15.83	49.68	32.54	8.51	7.97	5.6	3.059	104.7	2.1	1.6	0.5
703	5/2/2014 17:46:03	16.33	49.45	32.38	8.58	7.98	7.8	2.969	106.5	2.3	1.7	0.6
704	5/2/2014 18:01:03	16.68	49.36	32.32	8.71	8.00	6.2	2.902	108.9	2.7	2.0	0.6
705	5/2/2014 18:16:03	16.75	49.36	32.33	8.66	7.99	7.2	2.835	108.4	3.1	2.3	0.7
706	5/2/2014 18:31:03	16.81	49.33	32.31	8.58	7.99	5.8	2.758	107.5	2.3	1.7	0.5
707	5/2/2014 18:46:03	16.85	49.33	32.30	8.60	7.99	5.2	2.703	107.8	2.6	1.9	0.6
708	5/2/2014 19:01:03	16.97	49.29	32.28	8.69	8.00	5.3	2.635	109.2	2.5	1.9	0.6
709	5/2/2014 19:16:03	17.26	49.31	32.30	8.69	8.01	5.8	2.578	109.8	2.2	1.6	0.5
710	5/2/2014 19:31:03	17.64	49.23	32.24	8.82	8.02	5.5	2.519	112.2	2.2	1.6	0.5
711	5/2/2014 19:46:03	17.66	49.20	32.21	8.85	8.02	5.3	2.482	112.6	3.1	2.3	0.7
712	5/2/2014 20:01:03	17.87	49.06	32.11	8.76	8.02	5.2	2.437	111.9	2.7	2.0	0.6
713	5/2/2014 20:16:02	17.96	49.12	32.16	8.68	8.02	5.1	2.402	111.1	3.2	2.4	0.8
714	5/2/2014 20:31:02	18.07	49.10	32.15	8.48	8.01	5.3	2.384	108.8	3.4	2.5	0.8
715	5/2/2014 20:46:03	18.13	49.04	32.10	8.06	7.98	5.3	2.383	103.4	3.8	2.8	0.9
716	5/2/2014 21:01:03	17.78	49.09	32.13	8.65	8.01	5.3	2.384	110.2	3.2	2.4	0.8
717	5/2/2014 21:16:03	17.66	49.14	32.17	8.60	8.00	5.0	2.398	109.4	3.7	2.7	0.9
718	5/2/2014 21:31:03	17.64	49.05	32.11	8.80	8.01	6.1	2.428	111.9	3.0	2.2	0.7
719	5/2/2014 21:46:03	17.65	49.22	32.24	8.71	8.01	6.5	2.482	110.8	3.0	2.2	0.7
720	5/2/2014 22:01:03	17.45	49.19	32.21	8.69	8.00	6.3	2.529	110.1	3.5	2.6	0.8
721	5/2/2014 22:16:03	17.52	49.23	32.24	8.67	8.00	7.0	2.588	110.1	3.1	2.3	0.7
722	5/2/2014 22:31:03	17.26	49.20	32.22	8.63	7.99	5.9	2.664	109.0	3.7	2.7	0.9
723	5/2/2014 22:46:03	17.00	49.34	32.31	8.60	7.99	5.5	2.723	108.2	3.1	2.3	0.7
724	5/2/2014 23:01:03	16.50	49.40	32.35	8.52	7.97	6.0	2.799	106.1	3.0	2.2	0.7
725	5/2/2014 23:16:03	16.09	49.40	32.34	8.46	7.96	5.4	2.861	104.5	3.0	2.2	0.7
726	5/2/2014 23:31:03	15.86	49.38	32.33	8.44	7.96		2.939	103.8	2.6	1.9	0.6
727	5/2/2014 23:46:03	15.42	49.62	32.49	8.36	7.95		2.992	102.0	2.5	1.9	0.6
728	5/3/2014 0:01:03	15.23	49.73	32.57	8.35	7.95		3.071	101.6	2.7	2.0	0.6
729	5/3/2014 0:16:03	15.15	49.74	32.58	8.35	7.95		3.139	101.4	2.6	1.9	0.6
730	5/3/2014 0:31:03	14.83	49.83	32.63	8.35	7.95		3.212	100.8	3.0	2.2	0.7
731	5/3/2014 0:46:03	14.30	49.88	32.66	8.41	7.95		3.290	100.5	2.9	2.1	0.7
732	5/3/2014 1:01:03	14.10	49.86	32.64	8.43	7.95		3.356	100.3	2.7	2.0	0.6
733	5/3/2014 1:16:04	13.84	50.04	32.76	8.48	7.95	5.5	3.425	100.4	3.0	2.2	0.7
734	5/3/2014 1:31:03	13.62	49.96	32.69	8.54	7.96	5.0	3.494	100.7	2.5	1.9	0.6
735	5/3/2014 1:46:04	13.49	50.07	32.77	8.56	7.96	4.6	3.547	100.7	2.7	2.0	0.6
736	5/3/2014 2:01:04	13.31	50.13	32.80	8.56	7.96	4.0	3.601	100.3	2.4	1.8	0.6
737	5/3/2014 2:16:04	13.23	50.13	32.80	8.56	7.96	4.5	3.639	100.1	2.1	1.6	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
738	5/3/2014 2:31:03	13.19	50.14	32.81	8.53	7.96	4.0	3.669	99.7	2.6	1.9	0.6
739	5/3/2014 2:46:03	13.17	50.06	32.75	8.52	7.96	2.6	3.697	99.6	3.0	2.2	0.7
740	5/3/2014 3:01:04	13.49	50.10	32.79	8.32	7.95	4.3	3.686	97.9	2.0	1.5	0.5
741	5/3/2014 3:16:04	13.20	50.12	32.80	8.36	7.95	4.5	3.673	97.7	2.3	1.7	0.5
742	5/3/2014 3:31:03	13.19	50.09	32.78	8.42	7.95	2.9	3.648	98.4	1.6	1.2	0.4
743	5/3/2014 3:46:04	13.39	50.04	32.75	8.36	7.95	4.3	3.592	98.1	2.3	1.7	0.5
744	5/3/2014 4:01:04	14.00	50.03	32.75	8.11	7.94	4.9	3.521	96.4	2.2	1.6	0.5
745	5/3/2014 4:16:03	14.15	49.98	32.72	8.13	7.94	6.9	3.444	96.8	2.2	1.6	0.5
746	5/3/2014 4:31:03	14.54	49.87	32.66	8.08	7.94	7.1	3.363	96.9	2.4	1.8	0.6
747	5/3/2014 4:46:03	15.20	49.72	32.57	7.85	7.93	7.9	3.264	95.4	2.1	1.6	0.5
748	5/3/2014 5:01:03	15.29	49.52	32.42	7.99	7.94	6.7	3.163	97.2	9.0	6.7	2.1
749	5/3/2014 5:16:03	15.32	49.67	32.53	7.90	7.94	7.4	3.063	96.2	1.8	1.3	0.4
750	5/3/2014 5:31:03	15.28	49.62	32.49	7.98	7.94	8.4	2.961	97.1	3.8	2.8	0.9
751	5/3/2014 5:46:03	15.26	49.70	32.55	7.88	7.93	9.2	2.849	95.9	2.4	1.8	0.6
752	5/3/2014 6:01:03	15.69	49.59	32.48	7.83	7.93	8.4	2.747	96.1	3.1	2.3	0.7
753	5/3/2014 6:16:03	15.97	49.52	32.43	7.75	7.92	8.5	2.634	95.6	1.8	1.3	0.4
754	5/3/2014 6:31:03	16.27	49.45	32.39	7.67	7.92	8.9	2.518	95.1	2.6	1.9	0.6
755	5/3/2014 6:46:03	15.99	49.42	32.36	7.55	7.91	7.6	2.396	93.1	2.1	1.6	0.5
756	5/3/2014 7:01:03	16.28	49.50	32.42	7.55	7.91	9.0	2.293	93.6	2.2	1.6	0.5
757	5/3/2014 7:16:03	16.34	49.45	32.38	7.52	7.91	8.7	2.161	93.4	3.0	2.2	0.7
758	5/3/2014 7:31:03	16.60	49.27	32.26	7.45	7.91	8.6	2.050	92.9	2.4	1.8	0.6
759	5/3/2014 7:46:03	16.63	49.29	32.28	7.38	7.90	8.7	1.923	92.1	3.2	2.4	0.8
760	5/3/2014 8:01:03	17.07	49.31	32.29	7.23	7.90	7.4	1.811	91.1	3.7	2.7	0.9
761	5/3/2014 8:16:03	17.27	49.24	32.25	7.13	7.89	6.8	1.706	90.0	5.1	3.8	1.2
762	5/3/2014 8:31:03	17.52	49.14	32.17	7.06	7.89	10.6	1.604	89.5	4.8	3.6	1.1
763	5/3/2014 8:46:03	17.78	48.98	32.06	7.00	7.89	6.8	1.520	89.2	6.8	5.0	1.6
764	5/3/2014 9:01:03	18.01	49.06	32.12	6.89	7.89	6.9	1.462	88.3	4.2	3.1	1.0
765	5/3/2014 9:16:02	18.13	48.98	32.06	6.80	7.89	6.0	1.424	87.3	3.6	2.7	0.9
766	5/3/2014 9:31:03	18.19	48.96	32.04	6.72	7.89	5.9	1.406	86.3	2.1	1.6	0.5
767	5/3/2014 9:46:02	18.03	48.94	32.03	7.03	7.90	5.6	1.417	90.0	5.2	3.8	1.2
768	5/3/2014 10:01:02	18.03	49.06	32.12	7.05	7.90	5.6	1.447	90.3	3.7	2.7	0.9
769	5/3/2014 10:16:02	17.96	49.09	32.14	7.06	7.90	5.8	1.491	90.3	8.7	6.4	2.1
770	5/3/2014 10:31:02	18.06	49.02	32.09	7.12	7.90	12.2	1.564	91.2	5.8	4.3	1.4
771	5/3/2014 10:46:03	18.16	49.02	32.09	7.15	7.90	6.5	1.633	91.9	4.4	3.3	1.0
772	5/3/2014 11:01:02	18.17	48.79	31.92	7.10	7.89	7.5	1.709	91.0	3.8	2.8	0.9
773	5/3/2014 11:16:02	18.08	48.70	31.85	7.04	7.89	7.3	1.787	90.1	4.4	3.3	1.1
774	5/3/2014 11:31:03	17.89	48.84	31.96	7.05	7.89	7.0	1.862	90.0	6.2	4.6	1.5
775	5/3/2014 11:46:03	17.77	48.98	32.06	7.17	7.90	6.0	1.939	91.4	6.3	4.7	1.5
776	5/3/2014 12:01:03	17.66	48.87	31.97	7.19	7.90	6.0	2.018	91.4	7.8	5.8	1.8
777	5/3/2014 12:16:03	17.44	49.09	32.14	7.29	7.91	6.3	2.100	92.3	6.0	4.4	1.4
778	5/3/2014 12:31:03	17.02	49.25	32.25	7.46	7.91	5.6	2.184	93.8	5.5	4.1	1.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
779	5/3/2014 12:46:03	16.86	49.34	32.31	7.57	7.91	5.7	2.262	95.0	4.1	3.0	1.0
780	5/3/2014 13:01:03	16.79	49.24	32.24	7.65	7.92	5.5	2.350	95.8	3.4	2.5	0.8
781	5/3/2014 13:16:03	16.75	49.35	32.32	7.68	7.92	5.9	2.431	96.1	3.8	2.8	0.9
782	5/3/2014 13:31:03	16.78	49.30	32.29	7.73	7.92	7.5	2.527	96.8	3.7	2.7	0.9
783	5/3/2014 13:46:03	16.71	49.43	32.38	7.80	7.92	6.4	2.600	97.6	3.3	2.4	0.8
784	5/3/2014 14:01:03	16.63	49.43	32.38	7.88	7.93	8.7	2.682	98.4	3.0	2.2	0.7
785	5/3/2014 14:16:03	16.37	49.44	32.38	7.94	7.93	7.0	2.772	98.6	3.0	2.2	0.7
786	5/3/2014 14:31:03	16.14	49.47	32.39	7.94	7.93	8.3	2.854	98.3	4.0	3.0	0.9
787	5/3/2014 14:46:03	15.95	49.58	32.48	8.03	7.93	8.4	2.927	99.0	3.8	2.8	0.9
788	5/3/2014 15:01:03	15.73	49.64	32.52	8.09	7.93	7.6	3.005	99.4	2.7	2.0	0.6
789	5/3/2014 15:16:03	15.44	49.68	32.54	8.15	7.93	6.6	3.069	99.6	3.5	2.6	0.8
790	5/3/2014 15:31:03	15.03	49.74	32.57	8.27	7.94	6.7	3.137	100.2	9.1	6.7	2.2
791	5/3/2014 15:46:03	14.62	49.91	32.69	8.39	7.95	5.5	3.190	100.9	7.0	5.2	1.7
792	5/3/2014 16:01:04	14.33	49.97	32.72	8.46	7.95	4.8	3.246	101.1	3.1	2.3	0.7
793	5/3/2014 16:16:03	14.25	50.01	32.75	8.45	7.96	3.9	3.290	100.9	2.7	2.0	0.6
794	5/3/2014 16:31:03	14.22	50.00	32.74	8.48	7.96	4.3	3.325	101.2	2.5	1.9	0.6
795	5/3/2014 16:46:03	14.48	50.02	32.76	8.31	7.95	3.6	3.335	99.7	3.6	2.7	0.9
796	5/3/2014 17:01:03	14.38	49.93	32.69	8.24	7.95		3.323	98.6	2.1	1.6	0.5
797	5/3/2014 17:16:03	14.32	49.99	32.73	8.35	7.95	3.6	3.309	99.8	2.1	1.6	0.5
798	5/3/2014 17:31:03	14.42	49.99	32.74	8.33	7.95	4.0	3.280	99.8	2.0	1.5	0.5
799	5/3/2014 17:46:03	14.85	49.87	32.66	8.24	7.95	5.3	3.237	99.6	1.8	1.3	0.4
800	5/3/2014 18:01:03	15.42	49.66	32.52	8.19	7.95	6.2	3.162	100.0	2.2	1.6	0.5
801	5/3/2014 18:16:03	16.04	49.73	32.59	8.48	7.98	6.7	3.088	104.8	1.9	1.4	0.5
802	5/3/2014 18:31:03	15.99	49.67	32.54	8.48	7.98	6.2	3.027	104.8	2.4	1.8	0.6
803	5/3/2014 18:46:03	16.31	49.68	32.55	8.37	7.97	6.4	2.956	104.0	2.2	1.6	0.5
804	5/3/2014 19:01:03	16.49	49.70	32.57	8.39	7.98	5.8	2.895	104.7	2.5	1.9	0.6
805	5/3/2014 19:16:03	16.81	49.56	32.47	8.35	7.98	6.1	2.829	104.8	2.7	2.0	0.6
806	5/3/2014 19:31:03	16.76	49.54	32.46	8.42	7.99	7.5	2.770	105.5	2.2	1.6	0.5
807	5/3/2014 19:46:03	17.02	49.51	32.44	8.30	7.99		2.713	104.5	2.4	1.8	0.6
808	5/3/2014 20:01:03	17.11	49.47	32.41	8.31	7.99		2.665	104.7	2.5	1.9	0.6
809	5/3/2014 20:16:03	17.17	49.44	32.39	8.26	7.99		2.622	104.3	2.5	1.9	0.6
810	5/3/2014 20:31:03	17.33	49.43	32.39	8.22	7.99	10.6	2.582	104.0	3.1	2.3	0.7
811	5/3/2014 20:46:03	17.33	49.47	32.41	8.20	7.99		2.555	103.8	3.1	2.3	0.7
812	5/3/2014 21:01:03	17.40	49.47	32.41	8.19	7.99	6.5	2.535	103.9	3.3	2.4	0.8
813	5/3/2014 21:16:03	17.51	49.35	32.32	8.19	7.99	6.8	2.511	104.0	3.4	2.5	0.8
814	5/3/2014 21:31:03	17.53	49.35	32.32	7.99	7.98		2.505	101.5	3.2	2.4	0.8
815	5/3/2014 21:46:03	17.54	49.32	32.30	7.86	7.96	4.5	2.497	99.8	2.7	2.0	0.6
816	5/3/2014 22:01:03	17.53	49.35	32.33	8.27	7.99	4.8	2.507	105.0	3.3	2.4	0.8
817	5/3/2014 22:16:03	17.37	49.44	32.39	8.27	7.98	4.8	2.521	104.7	3.3	2.4	0.8
818	5/3/2014 22:31:03	17.33	49.45	32.40	8.30	7.98	4.8	2.555	105.1	4.0	3.0	0.9
819	5/3/2014 22:46:03	17.28	49.45	32.40	8.29	7.98	5.9	2.595	104.9	3.1	2.3	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
820	5/3/2014 23:01:03	17.19	49.41	32.36	8.24	7.97	5.7	2.639	104.0	2.7	2.0	0.6
821	5/3/2014 23:16:03	17.03	49.49	32.43	8.18	7.96	5.6	2.687	103.0	2.9	2.1	0.7
822	5/3/2014 23:31:03	16.87	49.37	32.34	8.16	7.96	5.3	2.752	102.4	2.8	2.1	0.7
823	5/3/2014 23:46:03	16.69	49.50	32.43	8.16	7.96	5.6	2.812	102.1	2.8	2.1	0.7
824	5/4/2014 0:01:03	16.40	49.60	32.50	8.14	7.95	5.5	2.865	101.3	3.1	2.3	0.7
825	5/4/2014 0:16:03	16.04	49.56	32.46	8.17	7.95	5.4	2.935	100.9	2.3	1.7	0.6
826	5/4/2014 0:31:03	15.75	49.74	32.59	8.16	7.95	5.0	3.000	100.3	3.0	2.2	0.7
827	5/4/2014 0:46:03	15.53	49.70	32.56	8.14	7.94	5.3	3.064	99.6	2.6	1.9	0.6
828	5/4/2014 1:01:03	15.16	49.86	32.67	8.21	7.94	4.8	3.130	99.7	2.8	2.1	0.7
829	5/4/2014 1:16:03	15.00	49.72	32.56	8.22	7.94	4.6	3.180	99.5	2.5	1.9	0.6
830	5/4/2014 1:31:03	14.85	49.89	32.68	8.21	7.94	4.4	3.259	99.2	2.7	2.0	0.6
831	5/4/2014 1:46:03	14.57	49.98	32.74	8.27	7.94	4.2	3.317	99.3	2.8	2.1	0.7
832	5/4/2014 2:01:03	14.29	49.95	32.71	8.32	7.95	4.2	3.365	99.4	3.8	2.8	0.9
833	5/4/2014 2:16:03	14.14	50.02	32.76	8.36	7.95	3.7	3.424	99.7	3.7	2.7	0.9
834	5/4/2014 2:31:03	13.95	50.09	32.80	8.42	7.96	4.3	3.466	99.9	3.1	2.3	0.7
835	5/4/2014 2:46:03	13.87	50.13	32.82	8.42	7.96	3.4	3.517	99.8	3.1	2.3	0.7
836	5/4/2014 3:01:04	13.76	50.14	32.83	8.43	7.96	3.7	3.533	99.7	2.5	1.9	0.6
837	5/4/2014 3:16:03	13.65	50.17	32.85	8.45	7.96	3.2	3.576	99.8	2.9	2.1	0.7
838	5/4/2014 3:31:03	13.92	49.81	32.59	8.18	7.95	3.2	3.566	97.0	2.0	1.5	0.5
839	5/4/2014 3:46:03	13.70	50.18	32.85	8.27	7.95	7.0	3.572	97.7	1.9	1.4	0.5
840	5/4/2014 4:01:03	13.65	50.06	32.77	8.32	7.95	3.1	3.552	98.1	2.2	1.6	0.5
841	5/4/2014 4:16:04	13.69	50.17	32.85	8.28	7.95	3.9	3.526	97.8	2.3	1.7	0.5
842	5/4/2014 4:31:04	13.74	50.16	32.84	8.23	7.95	3.7	3.469	97.3	2.1	1.6	0.5
843	5/4/2014 4:46:04	14.14	50.15	32.85	8.03	7.94	4.5	3.414	95.7	2.1	1.6	0.5
844	5/4/2014 5:01:03	14.94	49.88	32.67	7.81	7.93	6.9	3.354	94.5	2.3	1.7	0.5
845	5/4/2014 5:16:03	15.15	49.80	32.62	7.76	7.92	6.6	3.274	94.3	2.5	1.9	0.6
846	5/4/2014 5:31:03	15.56	49.74	32.58	7.67	7.93	8.3	3.182	93.9	2.6	1.9	0.6
847	5/4/2014 5:46:03	15.39	49.74	32.58	7.78	7.93	6.2	3.096	95.0	2.0	1.5	0.5
848	5/4/2014 6:01:03	15.43	49.79	32.62	7.81	7.93	8.6	3.003	95.4	2.5	1.9	0.6
849	5/4/2014 6:16:03	15.62	49.71	32.57	7.71	7.92		2.909	94.5	2.7	2.0	0.6
850	5/4/2014 6:31:03	15.88	49.66	32.53	7.59	7.92	8.4	2.816	93.5	2.2	1.6	0.5
851	5/4/2014 6:46:03	16.03	49.44	32.38	7.38	7.90	7.8	2.722	91.1	2.3	1.7	0.5
852	5/4/2014 7:01:03	16.20	49.55	32.46	7.25	7.89	7.2	2.631	89.8	2.4	1.8	0.6
853	5/4/2014 7:16:03	16.67	49.52	32.44	7.09	7.89	7.0	2.527	88.7	2.2	1.6	0.5
854	5/4/2014 7:31:03	16.98	49.44	32.39	7.15	7.91	6.8	2.428	90.0	2.6	1.9	0.6
855	5/4/2014 7:46:03	16.75	49.45	32.39	7.16	7.90	7.0	2.314	89.6	2.2	1.6	0.5
856	5/4/2014 8:01:03	16.81	49.39	32.35	7.17	7.90	8.2	2.218	89.9	2.6	1.9	0.6
857	5/4/2014 8:16:03	16.85	49.41	32.36	7.19	7.90	7.4	2.115	90.2	2.7	2.0	0.6
858	5/4/2014 8:31:03	17.14	49.37	32.34	7.21	7.92	7.0	2.006	90.9	2.8	2.1	0.7
859	5/4/2014 8:46:03	17.30	49.38	32.35	7.21	7.92	6.8	1.897	91.2	3.2	2.4	0.8
860	5/4/2014 9:01:03	17.48	49.31	32.30	7.13	7.92		1.822	90.4	2.5	1.9	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
861	5/4/2014 9:16:03	17.53	49.35	32.33	7.10	7.92		1.714	90.1	2.7	2.0	0.6
862	5/4/2014 9:31:03	17.74	49.16	32.19	7.05	7.92	9.5	1.665	89.9	6.8	5.0	1.6
863	5/4/2014 9:46:02	17.90	49.17	32.20	7.05	7.93		1.619	90.1	8.3	6.1	2.0
864	5/4/2014 10:01:02	18.07	49.13	32.17	6.99	7.94	6.1	1.589	89.6	5.8	4.3	1.4
865	5/4/2014 10:16:03	18.14	49.09	32.14	6.84	7.93	5.9	1.553	87.8	3.5	2.6	0.8
866	5/4/2014 10:31:03	18.08	49.17	32.20	7.05	7.93	6.9	1.573	90.4	4.9	3.6	1.2
867	5/4/2014 10:46:03	18.03	49.22	32.24	7.11	7.93	13.6	1.618	91.2	3.1	2.3	0.7
868	5/4/2014 11:01:02	17.99	49.20	32.22	7.08	7.93	5.9	1.644	90.7	3.4	2.5	0.8
869	5/4/2014 11:16:02	17.99	49.20	32.22	7.12	7.93	6.7	1.697	91.2	3.1	2.3	0.7
870	5/4/2014 11:31:03	17.93	49.22	32.23	7.15	7.93	6.2	1.748	91.5	3.8	2.8	0.9
871	5/4/2014 11:46:03	17.87	49.15	32.18	7.12	7.92	6.8	1.814	91.0	3.6	2.7	0.9
872	5/4/2014 12:01:03	17.80	49.12	32.16	7.00	7.90	7.8	1.902	89.3	2.7	2.0	0.6
873	5/4/2014 12:16:03	17.74	49.11	32.15	7.08	7.92	6.2	1.962	90.2	3.3	2.4	0.8
874	5/4/2014 12:31:03	17.68	49.22	32.24	7.12	7.92	5.9	2.033	90.7	2.7	2.0	0.6
875	5/4/2014 12:46:02	17.67	49.19	32.21	7.25	7.92	5.9	2.095	92.4	3.4	2.5	0.8
876	5/4/2014 13:01:03	17.47	49.31	32.30	7.15	7.91	5.5	2.172	90.7	2.8	2.1	0.7
877	5/4/2014 13:16:03	17.26	49.29	32.28	7.15	7.91	5.7	2.243	90.4	2.4	1.8	0.6
878	5/4/2014 13:31:03	17.02	49.42	32.37	7.27	7.91	5.9	2.329	91.5	1.7	1.3	0.4
879	5/4/2014 13:46:03	16.95	49.45	32.39	7.39	7.91	5.6	2.398	92.9	3.1	2.3	0.7
880	5/4/2014 14:01:03	16.89	49.48	32.42	7.45	7.91	4.9	2.481	93.5	2.7	2.0	0.6
881	5/4/2014 14:16:03	16.90	49.53	32.45	7.53	7.92	5.9	2.562	94.5	2.6	1.9	0.6
882	5/4/2014 14:31:03	16.80	49.44	32.38	7.60	7.92	5.6	2.644	95.3	2.6	1.9	0.6
883	5/4/2014 14:46:03	16.67	49.51	32.43	7.64	7.92	6.2	2.699	95.6	2.9	2.1	0.7
884	5/4/2014 15:01:03	16.57	49.57	32.48	7.72	7.92	6.5	2.773	96.4	3.2	2.4	0.8
885	5/4/2014 15:16:03	16.39	49.61	32.51	7.72	7.92	6.5	2.846	96.1	2.0	1.5	0.5
886	5/4/2014 15:31:03	16.17	49.46	32.39	7.78	7.92	6.2	2.908	96.3	2.8	2.1	0.7
887	5/4/2014 15:46:03	15.92	49.64	32.52	7.89	7.93	6.5	2.977	97.3	2.9	2.1	0.7
888	5/4/2014 16:01:03	15.71	49.66	32.53	8.00	7.93	6.4	3.043	98.2	2.8	2.1	0.7
889	5/4/2014 16:16:03	15.50	49.73	32.58	8.05	7.94	6.1	3.109	98.5	3.3	2.4	0.8
890	5/4/2014 16:31:03	15.29	49.77	32.60	8.16	7.94	9.4	3.147	99.4	2.1	1.6	0.5
891	5/4/2014 16:46:03	15.13	49.69	32.54	8.25	7.95	11.6	3.201	100.2	3.8	2.8	0.9
892	5/4/2014 17:01:03	15.03	49.78	32.60	8.24	7.95	5.9	3.243	99.9	3.0	2.2	0.7
893	5/4/2014 17:16:03	14.82	49.90	32.68	8.33	7.96	10.2	3.271	100.6	2.5	1.9	0.6
894	5/4/2014 17:31:03	14.85	49.89	32.68	7.80	7.93		3.278	94.3	2.6	1.9	0.6
895	5/4/2014 17:46:03	14.87	49.93	32.71	8.09	7.94	9.6	3.281	97.8	1.9	1.4	0.4
896	5/4/2014 18:01:03	14.85	49.90	32.69	8.16	7.95		3.266	98.6	2.5	1.9	0.6
897	5/4/2014 18:16:03	15.06	49.89	32.68	8.04	7.94		3.240	97.5	2.7	2.0	0.6
898	5/4/2014 18:31:03	15.42	49.78	32.61	7.98	7.94		3.193	97.5	2.2	1.6	0.5
899	5/4/2014 18:46:03	15.58	49.75	32.59	7.97	7.94		3.141	97.6	2.8	2.1	0.7
900	5/4/2014 19:01:03	15.89	49.71	32.57	7.99	7.95	6.1	3.091	98.5	3.6	2.7	0.8
901	5/4/2014 19:16:03	16.03	49.62	32.50	8.14	7.96	6.1	3.021	100.6	2.7	2.0	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
902	5/4/2014 19:31:03	16.14	49.68	32.55	8.05	7.95	8.1	2.966	99.7	2.7	2.0	0.6
903	5/4/2014 19:46:03	16.19	49.60	32.50	8.11	7.96	9.4	2.902	100.5	2.7	2.0	0.7
904	5/4/2014 20:01:03	16.50	49.64	32.53	8.00	7.96	5.9	2.859	99.7	2.8	2.1	0.7
905	5/4/2014 20:16:03	16.49	49.69	32.56	7.93	7.96	5.7	2.802	98.9	2.5	1.9	0.6
906	5/4/2014 20:31:03	16.72	49.47	32.41	7.89	7.96	5.9	2.758	98.8	2.7	2.0	0.6
907	5/4/2014 20:46:03	16.60	49.54	32.45	7.87	7.96	5.3	2.722	98.3	2.8	2.1	0.7
908	5/4/2014 21:01:03	16.74	49.52	32.44	7.79	7.96	5.3	2.683	97.5	3.0	2.2	0.7
909	5/4/2014 21:16:03	16.91	49.60	32.50	7.73	7.96	5.3	2.652	97.1	3.5	2.6	0.8
910	5/4/2014 21:31:03	17.02	49.54	32.46	7.63	7.96	4.8	2.625	96.1	3.7	2.7	0.9
911	5/4/2014 21:46:03	17.06	49.53	32.46	7.65	7.96	4.7	2.597	96.3	3.5	2.6	0.8
912	5/4/2014 22:01:03	17.09	49.52	32.45	7.53	7.95	4.7	2.585	95.0	4.2	3.1	1.0
913	5/4/2014 22:16:03	17.07	49.46	32.40	7.46	7.95	3.9	2.567	94.0	4.3	3.2	1.0
914	5/4/2014 22:31:03	17.07	49.46	32.40	7.17	7.93	13.6	2.559	90.3	3.6	2.7	0.8
915	5/4/2014 22:46:03	17.03	49.50	32.43	7.64	7.95	4.7	2.566	96.2	8.8	6.5	2.1
916	5/4/2014 23:01:03	17.02	49.48	32.42	7.68	7.95	4.4	2.571	96.7	3.6	2.7	0.9
917	5/4/2014 23:16:03	16.97	49.54	32.46	7.72	7.95	4.7	2.596	97.1	3.4	2.5	0.8
918	5/4/2014 23:31:03	16.93	49.42	32.37	7.69	7.95	6.2	2.617	96.6	3.1	2.3	0.7
919	5/4/2014 23:46:03	16.89	49.47	32.41	7.76	7.95	4.7	2.652	97.5	4.7	3.5	1.1
920	5/5/2014 0:01:03	16.82	49.56	32.47	7.76	7.95	5.0	2.697	97.3	3.3	2.4	0.8
921	5/5/2014 0:16:03	16.75	49.52	32.44	7.77	7.94	4.8	2.739	97.3	3.3	2.4	0.8
922	5/5/2014 0:31:03	16.67	49.49	32.42	7.75	7.94	4.9	2.787	96.9	3.2	2.4	0.8
923	5/5/2014 0:46:03	16.47	49.50	32.42	7.77	7.94	5.0	2.830	96.8	2.8	2.1	0.7
924	5/5/2014 1:01:03	16.28	49.63	32.52	7.80	7.94	5.0	2.885	96.9	3.0	2.2	0.7
925	5/5/2014 1:16:03	16.09	49.56	32.46	7.81	7.94	5.1	2.936	96.5	2.7	2.0	0.6
926	5/5/2014 1:31:03	15.76	49.64	32.52	7.86	7.94	4.8	2.980	96.6	3.4	2.5	0.8
927	5/5/2014 1:46:04	15.61	49.73	32.58	7.88	7.94	4.2	3.035	96.7	2.9	2.1	0.7
928	5/5/2014 2:01:03	15.40	49.64	32.51	7.91	7.94	4.6	3.092	96.6	2.9	2.1	0.7
929	5/5/2014 2:16:03	15.24	49.75	32.58	7.94	7.94	3.9	3.144	96.7	3.6	2.7	0.9
930	5/5/2014 2:31:03	15.01	49.82	32.63	8.01	7.94	3.4	3.191	97.1	2.3	1.7	0.6
931	5/5/2014 2:46:04	14.89	49.91	32.69	8.03	7.94	3.2	3.241	97.1	2.8	2.1	0.7
932	5/5/2014 3:01:04	14.82	49.87	32.66	8.03	7.94	3.4	3.287	97.0	3.1	2.3	0.7
933	5/5/2014 3:16:03	14.67	49.90	32.68	8.09	7.95	3.3	3.332	97.4	15.2	11.2	3.6
934	5/5/2014 3:31:03	14.59	49.94	32.71	8.12	7.95	4.0	3.365	97.6	3.3	2.4	0.8
935	5/5/2014 3:46:03	14.50	49.94	32.71	8.11	7.95	3.4	3.396	97.3	2.8	2.1	0.7
936	5/5/2014 4:01:03	14.43	49.92	32.69	8.12	7.95	2.9	3.414	97.3	3.6	2.7	0.9
937	5/5/2014 4:16:03	14.72	49.90	32.68	7.83	7.94	5.3	3.421	94.3	2.0	1.5	0.5
938	5/5/2014 4:31:04	14.41	49.96	32.72	7.92	7.94	8.6	3.413	94.8	2.0	1.5	0.5
939	5/5/2014 4:46:03	14.40	49.94	32.70	7.98	7.95		3.402	95.6	1.9	1.4	0.4
940	5/5/2014 5:01:03	14.39	49.91	32.68	8.04	7.95		3.361	96.3	2.0	1.5	0.5
941	5/5/2014 5:16:03	14.46	49.92	32.69	7.99	7.95		3.325	95.8	1.7	1.3	0.4
942	5/5/2014 5:31:03	14.94	49.82	32.63	7.67	7.92		3.277	92.8	2.3	1.7	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
943	5/5/2014 5:46:03	15.31	49.74	32.58	7.46	7.91	7.1	3.207	90.8	2.3	1.7	0.6
944	5/5/2014 6:01:04	15.28	49.78	32.61	7.48	7.91	8.6	3.143	91.0	2.4	1.8	0.6
945	5/5/2014 6:16:03	15.52	49.72	32.57	7.49	7.92	6.2	3.078	91.7	3.4	2.5	0.8
946	5/5/2014 6:31:03	15.56	49.64	32.51	7.52	7.92	5.9	2.999	92.1	2.1	1.6	0.5
947	5/5/2014 6:46:03	15.71	49.60	32.48	7.42	7.91	6.7	2.918	91.0	2.0	1.5	0.5
948	5/5/2014 7:01:03	15.98	49.49	32.41	7.17	7.89	6.4	2.839	88.5	2.0	1.5	0.5
949	5/5/2014 7:16:03	16.08	49.55	32.46	6.99	7.88	6.1	2.764	86.4	2.0	1.5	0.5
950	5/5/2014 7:31:03	16.13	49.48	32.41	6.89	7.87	5.6	2.672	85.2	2.5	1.9	0.6
951	5/5/2014 7:46:03	16.21	49.31	32.28	6.62	7.85	6.2	2.586	81.9	1.8	1.3	0.4
952	5/5/2014 8:01:03	16.44	49.51	32.43	6.84	7.88	6.8	2.496	85.1	2.9	2.1	0.7
953	5/5/2014 8:16:03	16.51	49.43	32.37	6.89	7.88	6.8	2.403	85.9	2.3	1.7	0.6
954	5/5/2014 8:31:03	16.46	49.51	32.43	6.99	7.89	6.6	2.303	87.1	2.7	2.0	0.6
955	5/5/2014 8:46:03	16.36	49.52	32.43	7.04	7.89	6.6	2.199	87.5	2.5	1.9	0.6
956	5/5/2014 9:01:03	16.64	49.47	32.40	7.07	7.91	11.4	2.111	88.3	3.0	2.2	0.7
957	5/5/2014 9:16:03	16.74	49.52	32.44	7.06	7.91	5.9	2.023	88.4	3.2	2.4	0.7
958	5/5/2014 9:31:03	16.78	49.43	32.38	7.09	7.91	6.1	1.930	88.8	3.3	2.4	0.8
959	5/5/2014 9:46:03	16.94	49.35	32.32	7.14	7.92	6.2	1.850	89.7	2.7	2.0	0.6
960	5/5/2014 10:01:03	17.08	49.43	32.38	7.08	7.92	6.1	1.791	89.2	3.0	2.2	0.7
961	5/5/2014 10:16:03	17.29	49.35	32.33	7.09	7.94	5.7	1.747	89.6	3.0	2.2	0.7
962	5/5/2014 10:31:03	17.40	49.36	32.33	7.08	7.94	6.2	1.692	89.7	2.7	2.0	0.6
963	5/5/2014 10:46:03	17.46	49.31	32.29	7.13	7.94	7.4	1.668	90.4	3.5	2.6	0.8
964	5/5/2014 11:01:03	17.55	49.29	32.29	6.83	7.94	5.9	1.674	86.7	3.3	2.4	0.8
965	5/5/2014 11:16:03	17.48	49.29	32.28	7.09	7.94	6.7	1.675	89.9	11.5	8.5	2.7
966	5/5/2014 11:31:03	17.50	49.21	32.23	7.03	7.93	4.7	1.681	89.1	4.3	3.2	1.0
967	5/5/2014 11:46:03	17.49	49.33	32.31	7.02	7.93	5.1	1.728	89.1	12.9	9.5	3.1
968	5/5/2014 12:01:03	17.47	49.24	32.24	6.99	7.93	5.2	1.770	88.7	4.6	3.4	1.1
969	5/5/2014 12:16:03	17.45	49.29	32.28	6.96	7.93	5.0	1.806	88.2	9.9	7.3	2.4
970	5/5/2014 12:31:03	17.40	49.22	32.23	6.97	7.92	6.2	1.871	88.2	6.4	4.7	1.5
971	5/5/2014 12:46:03	17.30	49.33	32.31	6.93	7.92	5.8	1.926	87.7	7.3	5.4	1.7
972	5/5/2014 13:01:03	17.48	49.30	32.29	7.00	7.92	5.3	1.987	88.9	13.6	10.1	3.2
973	5/5/2014 13:16:03	17.28	49.35	32.33	6.92	7.91	5.4	2.047	87.5	10.4	7.7	2.5
974	5/5/2014 13:31:03	17.28	49.39	32.35	6.89	7.91	5.0	2.106	87.1	2.8	2.1	0.7
975	5/5/2014 13:46:03	17.19	49.39	32.35	6.88	7.90	14.4	2.178	86.8	2.8	2.1	0.7
976	5/5/2014 14:01:03	17.11	49.41	32.37	6.83	7.90	5.0	2.243	86.1	2.4	1.8	0.6
977	5/5/2014 14:16:03	16.97	49.35	32.32	6.86	7.90	5.3	2.307	86.2	2.9	2.1	0.7
978	5/5/2014 14:31:03	16.88	49.47	32.40	6.96	7.89	5.1	2.383	87.4	2.4	1.8	0.6
979	5/5/2014 14:46:03	16.79	49.41	32.36	7.09	7.90	4.7	2.455	88.8	2.3	1.7	0.6
980	5/5/2014 15:01:03	16.73	49.47	32.41	7.16	7.90	17.5	2.524	89.6	2.6	1.9	0.6
981	5/5/2014 15:16:03	16.63	49.40	32.35	7.23	7.90	5.2	2.593	90.2	2.7	2.0	0.6
982	5/5/2014 15:31:03	16.66	49.43	32.37	7.35	7.91	5.1	2.664	91.9	3.2	2.4	0.8
983	5/5/2014 15:46:03	16.56	49.60	32.50	7.36	7.91	5.0	2.732	91.8	2.3	1.7	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
984	5/5/2014 16:01:03	16.48	49.48	32.41	7.41	7.91	5.0	2.788	92.3	3.3	2.4	0.8
985	5/5/2014 16:16:03	16.41	49.57	32.48	7.47	7.91	5.0	2.851	93.0	3.1	2.3	0.7
986	5/5/2014 16:31:03	16.29	49.55	32.46	7.55	7.92	4.6	2.910	93.7	3.0	2.2	0.7
987	5/5/2014 16:46:03	15.99	49.66	32.53	7.56	7.91	4.8	2.965	93.3	4.1	3.0	1.0
988	5/5/2014 17:01:03	15.79	49.60	32.49	7.78	7.93	4.7	3.021	95.7	3.6	2.7	0.8
989	5/5/2014 17:16:03	15.71	49.56	32.45	7.93	7.94	4.7	3.071	97.3	3.1	2.3	0.7
990	5/5/2014 17:31:03	15.64	49.68	32.55	7.99	7.94	4.0	3.119	97.9	3.4	2.5	0.8
991	5/5/2014 17:46:03	15.58	49.70	32.56	8.06	7.95	3.4	3.151	98.7	3.0	2.2	0.7
992	5/5/2014 18:01:03	15.51	49.77	32.61	8.09	7.95	3.6	3.184	99.0	3.1	2.3	0.7
993	5/5/2014 18:16:03	15.47	49.72	32.56	8.12	7.96	3.4	3.210	99.3	2.6	1.9	0.6
994	5/5/2014 18:31:03	15.69	49.67	32.54	7.85	7.94	7.2	3.205	96.3	2.8	2.1	0.7
995	5/5/2014 18:46:03	15.56	49.72	32.57	7.89	7.94	3.6	3.188	96.6	2.3	1.7	0.5
996	5/5/2014 19:01:03	15.58	49.76	32.60	7.94	7.94	3.9	3.182	97.2	1.9	1.4	0.4
997	5/5/2014 19:16:03	15.66	49.75	32.59	7.81	7.93	4.1	3.145	95.8	2.6	1.9	0.6
998	5/5/2014 19:31:04	15.94	49.73	32.59	7.77	7.94	7.0	3.097	95.9	2.2	1.6	0.5
999	5/5/2014 19:46:03	16.06	49.75	32.60	7.84	7.95	8.7	3.052	97.0	3.3	2.4	0.8
1000	5/5/2014 20:01:03	15.97	49.70	32.56	7.84	7.95	8.9	3.000	96.7	2.8	2.1	0.7
1001	5/5/2014 20:16:03	15.88	49.72	32.58	7.75	7.94	9.5	2.956	95.6	3.1	2.3	0.7
1002	5/5/2014 20:31:03	15.86	49.75	32.60	7.77	7.94	9.5	2.902	95.8	3.5	2.6	0.8
1003	5/5/2014 20:46:03	15.89	49.66	32.53	7.75	7.94	9.6	2.847	95.5	3.7	2.7	0.9
1004	5/5/2014 21:01:03	15.90	49.58	32.47	7.72	7.94	9.1	2.794	95.1	3.3	2.4	0.8
1005	5/5/2014 21:16:03	15.97	49.72	32.58	7.68	7.94	10.2	2.749	94.8	3.7	2.7	0.9
1006	5/5/2014 21:31:03	16.36	49.66	32.54	7.64	7.95	8.6	2.710	95.0	4.4	3.3	1.0
1007	5/5/2014 21:46:03	16.27	49.72	32.58	7.63	7.95	10.2	2.661	94.8	3.7	2.7	0.9
1008	5/5/2014 22:01:03	16.35	49.63	32.52	7.62	7.95	9.7	2.620	94.8	22.6	16.7	5.4
1009	5/5/2014 22:16:03	16.66	49.47	32.41	7.54	7.95	8.1	2.594	94.3	4.2	3.1	1.0
1010	5/5/2014 22:31:03	16.58	49.58	32.48	7.54	7.95	8.9	2.570	94.1	4.2	3.1	1.0
1011	5/5/2014 22:46:03	16.49	49.59	32.49	7.57	7.95	7.9	2.525	94.3	6.0	4.4	1.4
1012	5/5/2014 23:01:03	16.81	49.44	32.39	7.53	7.95	6.6	2.510	94.4	4.1	3.0	1.0
1013	5/5/2014 23:16:03	17.02	49.43	32.38	7.48	7.95	5.3	2.508	94.1	15.6	11.5	3.7
1014	5/5/2014 23:31:03	17.12	49.46	32.40	7.20	7.94	5.8	2.490	90.7	10.6	7.8	2.5
1015	5/5/2014 23:46:03	17.17	49.39	32.35	7.14	7.94	5.1	2.480	90.1	3.7	2.7	0.9
1016	5/6/2014 0:01:03	17.09	49.48	32.41	6.98	7.92	4.8	2.495	88.0	3.0	2.2	0.7
1017	5/6/2014 0:16:03	17.05	49.32	32.30	7.50	7.95	6.6	2.523	94.4	3.9	2.9	0.9
1018	5/6/2014 0:31:03	17.02	49.37	32.34	7.48	7.94	7.1	2.537	94.1	3.4	2.5	0.8
1019	5/6/2014 0:46:03	16.99	49.36	32.33	7.50	7.94	5.7	2.565	94.3	3.2	2.4	0.8
1020	5/6/2014 1:01:03	16.98	49.39	32.35	7.56	7.94	5.4	2.597	95.0	3.8	2.8	0.9
1021	5/6/2014 1:16:03	16.93	49.37	32.34	7.52	7.94	6.5	2.641	94.5	3.0	2.2	0.7
1022	5/6/2014 1:31:03	16.90	49.36	32.33	7.55	7.94	6.8	2.677	94.8	4.9	3.6	1.2
1023	5/6/2014 1:46:03	16.88	49.40	32.36	7.52	7.94	5.7	2.716	94.4	2.7	2.0	0.6
1024	5/6/2014 2:01:03	16.83	49.36	32.33	7.54	7.94	5.3	2.766	94.5	2.9	2.1	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
1025	5/6/2014 2:16:03	16.72	49.48	32.41	7.53	7.94	5.1	2.809	94.3	3.0	2.2	0.7
1026	5/6/2014 2:31:03	16.54	49.54	32.46	7.55	7.93	5.3	2.851	94.1	3.3	2.4	0.8
1027	5/6/2014 2:46:03	16.36	49.58	32.48	7.57	7.93	4.5	2.896	94.1	3.0	2.2	0.7
1028	5/6/2014 3:01:03	16.08	49.51	32.43	7.67	7.94	4.0	2.933	94.8	3.1	2.3	0.7
1029	5/6/2014 3:16:03	15.68	49.71	32.56	7.90	7.95	4.7	2.987	97.0	3.3	2.4	0.8
1030	5/6/2014 3:31:03	15.48	49.78	32.61	8.01	7.96	4.1	3.024	98.0	3.5	2.6	0.8
1031	5/6/2014 3:46:03	15.32	49.87	32.67	8.08	7.97	3.9	3.060	98.6	3.8	2.8	0.9
1032	5/6/2014 4:01:03	15.23	49.84	32.65	8.12	7.97	4.2	3.101	98.9	3.1	2.3	0.7
1033	5/6/2014 4:16:03	15.18	49.72	32.56	8.15	7.97	3.8	3.133	99.0	3.6	2.7	0.8
1034	5/6/2014 4:31:03	15.11	49.90	32.69	8.13	7.97	4.0	3.156	98.8	3.5	2.6	0.8
1035	5/6/2014 4:46:04	14.63	49.73	32.55	6.93	7.85	9.7	3.175	83.3	3.7	2.7	0.9
1036	5/6/2014 5:01:03	14.60	49.67	32.51	6.63	7.82	12.3	3.190	79.6	4.2	3.1	1.0
1037	5/6/2014 5:16:03	15.02	49.63	32.49	6.46	7.82	13.3	3.192	78.2	4.1	3.0	1.0
1038	5/6/2014 5:31:03	15.04	49.84	32.65	7.44	7.92	5.9	3.173	90.2	3.3	2.4	0.8
1039	5/6/2014 5:46:03	15.10	49.79	32.61	7.87	7.96	10.9	3.162	95.5	5.2	3.8	1.2
1040	5/6/2014 6:01:03	15.22	49.80	32.62	7.83	7.95	4.7	3.130	95.3	4.7	3.5	1.1
1041	5/6/2014 6:16:03	15.31	49.80	32.62	7.82	7.95	8.1	3.083	95.2	3.6	2.7	0.9
1042	5/6/2014 6:31:03	15.46	49.66	32.52	7.66	7.94	13.1	3.039	93.5	3.1	2.3	0.7
1043	5/6/2014 6:46:03	15.53	49.78	32.62	7.51	7.93	10.6	2.980	91.9	2.8	2.1	0.7
1044	5/6/2014 7:01:03	15.50	49.75	32.59	7.47	7.92	11.4	2.929	91.4	2.6	1.9	0.6
1045	5/6/2014 7:16:03	15.42	49.71	32.56	7.44	7.92	12.8	2.847	90.9	3.7	2.7	0.9
1046	5/6/2014 7:31:03	15.43	49.75	32.59	7.42	7.92	11.2	2.785	90.7	3.7	2.7	0.9
1047	5/6/2014 7:46:03	15.76	49.66	32.53	7.28	7.90	9.3	2.728	89.5	2.5	1.9	0.6
1048	5/6/2014 8:01:03	15.60	49.64	32.51	7.34	7.91	9.7	2.651	89.9	2.7	2.0	0.6
1049	5/6/2014 8:16:03	15.63	49.75	32.59	7.37	7.91	8.3	2.586	90.4	2.9	2.1	0.7
1050	5/6/2014 8:31:03	15.87	49.63	32.51	7.23	7.90	7.9	2.509	89.1	2.6	1.9	0.6
1051	5/6/2014 8:46:03	15.81	49.65	32.53	7.30	7.91	8.4	2.438	89.7	2.6	1.9	0.6
1052	5/6/2014 9:01:03	16.09	49.60	32.49	7.31	7.91	7.2	2.366	90.4	2.6	1.9	0.6
1053	5/6/2014 9:16:03	15.99	49.60	32.49	7.45	7.93	8.4	2.275	92.0	3.0	2.2	0.7
1054	5/6/2014 9:31:03	16.26	49.61	32.50	7.67	7.94	8.1	2.192	95.2	3.1	2.3	0.7
1055	5/6/2014 9:46:03	16.47	49.66	32.54	7.68	7.95	7.1	2.127	95.7	3.1	2.3	0.7
1056	5/6/2014 10:01:03	16.63	49.47	32.40	7.61	7.95	6.5	2.054	95.0	2.8	2.1	0.7
1057	5/6/2014 10:16:03	16.68	49.51	32.44	7.79	7.96	6.8	1.974	97.4	2.8	2.1	0.7
1058	5/6/2014 10:31:03	16.76	49.54	32.46	7.87	7.97	7.9	1.905	98.6	2.9	2.1	0.7
1059	5/6/2014 10:46:03	16.88	49.55	32.46	7.69	7.96		1.860	96.5	3.1	2.3	0.7
1060	5/6/2014 11:01:03	16.98	49.53	32.45	7.68	7.97	7.2	1.821	96.6	4.3	3.2	1.0
1061	5/6/2014 11:16:03	17.03	49.45	32.39	7.60	7.96	6.9	1.773	95.7	4.1	3.0	1.0
1062	5/6/2014 11:31:03	17.15	49.54	32.46	7.61	7.97	7.6	1.747	96.0	2.8	2.1	0.7
1063	5/6/2014 11:46:03	17.18	49.40	32.36	7.43	7.96	6.2	1.735	93.8	3.0	2.2	0.7
1064	5/6/2014 12:01:03	17.29	49.47	32.41	7.26	7.95	6.8	1.738	91.8	4.8	3.6	1.1
1065	5/6/2014 12:16:03	17.30	49.47	32.42	7.38	7.96	11.9	1.728	93.5	3.3	2.4	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
1066	5/6/2014 12:31:03	17.32	49.43	32.38	7.41	7.96	6.1	1.740	93.9	3.0	2.2	0.7
1067	5/6/2014 12:46:03	17.24	49.49	32.43	7.53	7.96	8.0	1.791	95.2	3.6	2.7	0.9
1068	5/6/2014 13:01:03	17.26	49.45	32.40	7.37	7.95	11.4	1.812	93.2	3.4	2.5	0.8
1069	5/6/2014 13:16:03	17.29	49.42	32.38	7.34	7.95	8.5	1.849	92.9	3.2	2.4	0.7
1070	5/6/2014 13:31:03	17.15	49.44	32.39	7.22	7.94		1.901	91.1	2.6	1.9	0.6
1071	5/6/2014 13:46:03	17.08	49.41	32.37	7.19	7.94	10.4	1.956	90.6	2.3	1.7	0.5
1072	5/6/2014 14:01:03	17.09	49.49	32.42	7.21	7.93	10.1	2.016	90.9	3.1	2.3	0.7
1073	5/6/2014 14:16:03	17.07	49.48	32.42	7.21	7.93	5.5	2.079	90.8	3.2	2.4	0.8
1074	5/6/2014 14:31:03	17.23	49.48	32.42	7.30	7.94	9.2	2.139	92.2	3.7	2.7	0.9
1075	5/6/2014 14:46:03	17.19	49.45	32.39	7.28	7.94	18.4	2.204	91.9	3.0	2.2	0.7
1076	5/6/2014 15:01:03	17.20	49.23	32.24	7.26	7.94	9.9	2.270	91.6	3.6	2.7	0.9
1077	5/6/2014 15:16:03	17.03	49.48	32.42	7.11	7.93	5.7	2.332	89.5	2.7	2.0	0.6
1078	5/6/2014 15:31:03	16.99	49.39	32.35	7.15	7.93		2.403	89.9	2.8	2.1	0.7
1079	5/6/2014 15:46:03	16.81	49.43	32.37	7.24	7.92		2.457	90.7	2.6	1.9	0.6
1080	5/6/2014 16:01:03	16.65	49.52	32.44	7.32	7.92		2.527	91.5	2.4	1.8	0.6
1081	5/6/2014 16:16:03	16.55	49.56	32.47	7.41	7.93		2.592	92.5	2.4	1.8	0.6
1082	5/6/2014 16:31:03	16.44	49.46	32.40	7.43	7.93	5.5	2.639	92.4	2.7	2.0	0.6
1083	5/6/2014 16:46:03	16.35	49.61	32.50	7.45	7.93	5.8	2.702	92.6	2.6	1.9	0.6
1084	5/6/2014 17:01:03	16.26	49.60	32.49	7.51	7.93	6.0	2.766	93.2	2.7	2.0	0.7
1085	5/6/2014 17:16:03	16.24	49.44	32.38	7.54	7.93	5.3	2.819	93.5	2.4	1.8	0.6
1086	5/6/2014 17:31:03	16.21	49.67	32.55	7.59	7.94	5.4	2.873	94.1	2.8	2.1	0.7
1087	5/6/2014 17:46:03	16.08	49.65	32.53	7.63	7.94	4.6	2.918	94.4	2.9	2.1	0.7
1088	5/6/2014 18:01:03	15.99	49.72	32.58	7.68	7.94	4.8	2.982	94.9	2.6	1.9	0.6
1089	5/6/2014 18:16:03	15.89	49.70	32.56	7.71	7.94	4.6	3.015	95.1	2.3	1.7	0.5
1090	5/6/2014 18:31:03	15.86	49.77	32.61	7.76	7.95	4.1	3.052	95.6	2.4	1.8	0.6
1091	5/6/2014 18:46:03	15.75	49.82	32.65	7.81	7.95	3.7	3.097	96.0	2.8	2.1	0.7
1092	5/6/2014 19:01:03	15.71	49.65	32.52	7.82	7.96	3.6	3.116	96.1	3.2	2.4	0.8
1093	5/6/2014 19:16:03	15.68	49.63	32.51	7.76	7.95	5.6	3.130	95.3	2.5	1.9	0.6
1094	5/6/2014 19:31:03	15.73	49.83	32.65	7.53	7.94	3.6	3.129	92.6	2.7	2.0	0.6
1095	5/6/2014 19:46:03	15.72	49.76	32.60	7.66	7.95	4.3	3.124	94.1	2.3	1.7	0.5
1096	5/6/2014 20:01:03	15.79	49.75	32.60	7.62	7.94	6.2	3.107	93.7	3.4	2.5	0.8
1097	5/6/2014 20:16:03	15.87	49.68	32.55	7.58	7.94	11.3	3.064	93.3	3.2	2.4	0.8
1098	5/6/2014 20:31:03	15.80	49.76	32.61	7.55	7.94	15.0	3.030	92.9	3.4	2.5	0.8
1099	5/6/2014 20:46:04	15.69	49.75	32.59	7.57	7.94	13.0	2.991	92.9	3.5	2.6	0.8
1100	5/6/2014 21:01:03	15.62	49.75	32.59	7.56	7.94	13.8	2.931	92.7	3.4	2.5	0.8
1101	5/6/2014 21:16:03	15.59	49.79	32.62	7.55	7.94	12.1	2.877	92.6	4.2	3.1	1.0
1102	5/6/2014 21:31:04	15.68	49.80	32.63	7.53	7.94	11.0	2.830	92.5	4.1	3.0	1.0
1103	5/6/2014 21:46:03	15.53	49.80	32.63	7.55	7.94	11.1	2.768	92.5	4.2	3.1	1.0
1104	5/6/2014 22:01:03	15.69	49.64	32.52	7.52	7.94	12.0	2.719	92.3	2.8	2.1	0.7
1105	5/6/2014 22:16:03	15.65	49.56	32.45	7.55	7.94	9.5	2.673	92.6	3.9	2.9	0.9
1106	5/6/2014 22:31:03	16.00	49.65	32.52	7.47	7.94	8.7	2.618	92.3	3.6	2.7	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
1107	5/6/2014 22:46:03	15.85	49.68	32.54	7.44	7.93	9.4	2.572	91.7	3.5	2.6	0.8
1108	5/6/2014 23:01:03	16.36	49.63	32.52	7.33	7.94	9.9	2.528	91.2	3.6	2.7	0.9
1109	5/6/2014 23:16:03	16.46	49.53	32.44	7.32	7.94	9.6	2.485	91.2	3.4	2.5	0.8
1110	5/6/2014 23:31:03	16.39	49.59	32.49	7.33	7.94	9.0	2.454	91.2	3.5	2.6	0.8
1111	5/6/2014 23:46:03	16.48	49.58	32.48	7.29	7.95	8.7	2.419	90.9	3.7	2.7	0.9
1112	5/7/2014 0:01:03	16.58	49.58	32.48	7.26	7.95	9.0	2.398	90.6	3.3	2.4	0.8
1113	5/7/2014 0:16:03	16.54	49.39	32.34	7.24	7.95	7.8	2.368	90.2	10.4	7.7	2.5
1114	5/7/2014 0:31:03	16.72	49.47	32.40	7.05	7.94	6.5	2.360	88.2	3.7	2.7	0.9
1115	5/7/2014 0:46:03	16.76	49.26	32.25	6.21	7.91	6.8	2.353	77.7	4.8	3.6	1.1
1116	5/7/2014 1:01:03	16.80	49.36	32.32	6.43	7.92	8.9	2.355	80.6	3.6	2.7	0.9
1117	5/7/2014 1:16:03	16.70	49.49	32.42	7.04	7.94	9.0	2.362	88.1	3.3	2.4	0.8
1118	5/7/2014 1:31:03	16.69	49.49	32.42	7.19	7.94	8.7	2.384	89.9	4.1	3.0	1.0
1119	5/7/2014 1:46:03	16.67	49.44	32.38	7.18	7.94	7.5	2.409	89.8			
1120	5/7/2014 2:01:03	16.67	49.52	32.45	7.16	7.94	6.8	2.439	89.6	6.2	4.6	1.5
1121	5/7/2014 2:16:03	16.64	49.52	32.44	7.14	7.93	7.6	2.483	89.3	4.1	3.0	1.0
1122	5/7/2014 2:31:03	16.59	49.44	32.38	7.10	7.92	9.5	2.515	88.7	9.3	6.9	2.2
1123	5/7/2014 2:46:03	16.55	49.31	32.29	7.18	7.93	7.9	2.560	89.5	3.4	2.5	0.8
1124	5/7/2014 3:01:03	16.54	49.43	32.37	7.12	7.92	8.1	2.601	88.7	3.6	2.7	0.8
1125	5/7/2014 3:16:03	16.52	49.45	32.39	7.11	7.92	6.8	2.639	88.6	3.6	2.7	0.8
1126	5/7/2014 3:31:03	16.50	49.39	32.35	7.16	7.92	7.2	2.682	89.2	2.8	2.1	0.7
1127	5/7/2014 3:46:03	16.34	49.52	32.44	7.25	7.92	7.3	2.730	90.0	3.5	2.6	0.8
1128	5/7/2014 4:01:03	16.12	49.55	32.45	7.34	7.93	6.6	2.761	90.8	3.5	2.6	0.8
1129	5/7/2014 4:16:03	16.10	49.57	32.47	7.31	7.93	5.7	2.798	90.4	2.8	2.1	0.7
1130	5/7/2014 4:31:03	15.81	49.71	32.57	7.50	7.94	5.0	2.841	92.3	2.8	2.1	0.7
1131	5/7/2014 4:46:03	15.70	49.72	32.57	7.58	7.95	5.2	2.880	93.0	2.4	1.8	0.6
1132	5/7/2014 5:01:03	15.53	49.74	32.58	7.80	7.97	4.6	2.903	95.5	3.0	2.2	0.7
1133	5/7/2014 5:16:03	15.45	49.75	32.59	7.81	7.97	4.2	2.936	95.4	3.0	2.2	0.7
1134	5/7/2014 5:31:03	15.33	49.76	32.60	7.93	7.98	3.9	2.980	96.6	2.9	2.1	0.7
1135	5/7/2014 5:46:03	15.30	49.75	32.59	7.90	7.98	6.1	2.988	96.3	19.3	14.3	4.6
1136	5/7/2014 6:01:03	15.33	49.68	32.53	7.54	7.96	4.3	2.994	91.8	12.2	9.0	2.9
1137	5/7/2014 6:16:03	14.00	49.84	32.61	6.90	7.85	12.5	3.014	81.9	17.3	12.8	4.1
1138	5/7/2014 6:31:03	14.33	49.79	32.59	6.92	7.86	16.9	3.021	82.7	3.0	2.2	0.7
1139	5/7/2014 6:46:04	14.76	49.66	32.50	6.90	7.87	14.8	3.003	83.2	2.9	2.1	0.7
1140	5/7/2014 7:01:03	14.84	49.81	32.62	7.00	7.88		2.980	84.5	3.3	2.4	0.8
1141	5/7/2014 7:16:03	14.49	49.72	32.55	6.91	7.85		2.963	82.8	2.8	2.1	0.7
1142	5/7/2014 7:31:03	15.01	49.77	32.60	6.96	7.89		2.928	84.4	2.4	1.8	0.6
1143	5/7/2014 7:46:03	15.33	49.73	32.57	7.19	7.92	8.6	2.879	87.7	2.4	1.8	0.6
1144	5/7/2014 8:01:03	15.42	49.67	32.53	7.36	7.93	9.1	2.829	89.8	2.5	1.9	0.6
1145	5/7/2014 8:16:03	15.51	49.68	32.54	7.42	7.94	7.7	2.773	90.7	2.5	1.9	0.6
1146	5/7/2014 8:31:03	15.60	49.71	32.56	7.38	7.94	7.7	2.713	90.4	2.0	1.5	0.5
1147	5/7/2014 8:46:04	15.68	49.72	32.57	7.46	7.94	8.3	2.660	91.5	2.3	1.7	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
1148	5/7/2014 9:01:03	15.78	49.71	32.57	7.46	7.94	7.1	2.588	91.8	2.6	1.9	0.6
1149	5/7/2014 9:16:03	15.89	49.68	32.55	7.47	7.94	7.9	2.514	92.1	2.6	1.9	0.6
1150	5/7/2014 9:31:03	15.90	49.69	32.56	7.64	7.96	10.8	2.459	94.1	8.8	6.5	2.1
1151	5/7/2014 9:46:03	16.12	49.59	32.48	7.67	7.95	7.1	2.388	94.9	2.5	1.9	0.6
1152	5/7/2014 10:01:03	16.18	49.57	32.47	7.86	7.97	7.5	2.309	97.4	2.6	1.9	0.6
1153	5/7/2014 10:16:03	16.30	49.70	32.57	7.84	7.97	7.2	2.241	97.4	2.6	1.9	0.6
1154	5/7/2014 10:31:03	16.40	49.70	32.57	7.97	7.98	7.5	2.176	99.1	2.9	2.1	0.7
1155	5/7/2014 10:46:03	16.50	49.65	32.54	7.67	7.96	7.6	2.107	95.7	5.3	3.9	1.3
1156	5/7/2014 11:01:03	16.62	49.65	32.54	8.13	8.00	7.7	2.040	101.6	2.1	1.6	0.5
1157	5/7/2014 11:16:03	16.75	49.64	32.53	7.84	7.98	8.5	1.986	98.2	2.3	1.7	0.5
1158	5/7/2014 11:31:03	16.64	49.53	32.45	7.17	7.94	7.6	1.931	89.6	3.3	2.4	0.8
1159	5/7/2014 11:46:03	16.75	49.54	32.46	7.50	7.96	8.5	1.884	93.9	2.2	1.6	0.5
1160	5/7/2014 12:01:03	16.81	49.60	32.50	7.22	7.94	7.5	1.852	90.5	2.1	1.6	0.5
1161	5/7/2014 12:16:03	16.84	49.46	32.40	7.09	7.94	6.6	1.813	88.9	2.4	1.8	0.6
1162	5/7/2014 12:31:03	16.93	49.60	32.51	7.07	7.95	8.3	1.801	88.9	4.4	3.3	1.0
1163	5/7/2014 12:46:03	17.03	49.35	32.32	6.37	7.93	7.0	1.793	80.1	2.6	1.9	0.6
1164	5/7/2014 13:01:03	17.11	49.53	32.45	7.82	7.98	8.4	1.806	98.7	3.6	2.7	0.9
1165	5/7/2014 13:16:03	16.88	49.43	32.38	7.37	7.95	9.5	1.808	92.5	3.0	2.2	0.7
1166	5/7/2014 13:31:03	16.83	49.38	32.34	7.09	7.93	6.8	1.816	88.9	3.5	2.6	0.8
1167	5/7/2014 13:46:03	16.94	49.41	32.37	7.29	7.95	7.0	1.867	91.6	4.7	3.5	1.1
1168	5/7/2014 14:01:03	16.90	49.37	32.34	7.10	7.94	8.3	1.898	89.2	3.1	2.3	0.7
1169	5/7/2014 14:16:03	16.83	49.40	32.36	6.91	7.93	7.4	1.924	86.6	3.9	2.9	0.9
1170	5/7/2014 14:31:03	16.80	49.52	32.44	6.96	7.93	7.0	1.978	87.3	2.8	2.1	0.7
1171	5/7/2014 14:46:03	16.78	49.43	32.37	7.07	7.93	7.0	2.032	88.6	3.7	2.7	0.9
1172	5/7/2014 15:01:03	16.98	49.57	32.48	7.16	7.94	7.0	2.081	90.1	3.0	2.2	0.7
1173	5/7/2014 15:16:03	17.05	49.45	32.39	7.20	7.94	6.7	2.138	90.6	4.5	3.3	1.1
1174	5/7/2014 15:31:03	16.80	49.53	32.45	7.10	7.93	6.6	2.206	89.1	2.8	2.1	0.7
1175	5/7/2014 15:46:03	16.74	49.45	32.39	7.08	7.92	6.5	2.255	88.7	3.0	2.2	0.7
1176	5/7/2014 16:01:03	16.66	49.46	32.40	7.05	7.92	6.7	2.329	88.1	2.2	1.6	0.5
1177	5/7/2014 16:16:03	16.51	49.43	32.37	6.97	7.91	7.0	2.403	86.9	2.1	1.6	0.5
1178	5/7/2014 16:31:03	16.38	49.60	32.50	7.13	7.92	6.5	2.457	88.6	2.5	1.9	0.6
1179	5/7/2014 16:46:03	16.22	49.55	32.45	7.25	7.93	5.8	2.527	89.8	1.8	1.3	0.4
1180	5/7/2014 17:01:03	16.09	49.43	32.37	7.37	7.93	5.6	2.596	91.0	2.7	2.0	0.6
1181	5/7/2014 17:16:03	16.00	49.66	32.53	7.43	7.94	6.2	2.672	91.8	2.3	1.7	0.5
1182	5/7/2014 17:31:03	16.02	49.70	32.56	7.47	7.94	5.6	2.725	92.3	2.5	1.9	0.6
1183	5/7/2014 17:46:03	15.98	49.74	32.59	7.55	7.95	5.6	2.801	93.2	2.6	1.9	0.6
1184	5/7/2014 18:01:03	15.81	49.68	32.55	7.57	7.95	5.9	2.861	93.1	2.5	1.9	0.6
1185	5/7/2014 18:16:03	15.84	49.74	32.59	7.68	7.96	5.3	2.914	94.6	2.5	1.9	0.6
1186	5/7/2014 18:31:03	15.66	49.79	32.62	7.81	7.97	4.7	2.966	95.9	2.8	2.1	0.7
1187	5/7/2014 18:46:03	15.54	49.81	32.64	7.90	7.98	4.3	3.016	96.8	2.7	2.0	0.6
1188	5/7/2014 19:01:03	15.44	49.79	32.62	8.02	7.99	4.3	3.066	98.0	2.6	1.9	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
1189	5/7/2014 19:16:03	15.37	49.76	32.60	8.20	8.00	4.0	3.106	100.0	2.8	2.1	0.7
1190	5/7/2014 19:31:03	15.33	49.83	32.65	8.27	8.00	4.7	3.146	100.9	3.0	2.2	0.7
1191	5/7/2014 19:46:03	15.29	49.79	32.62	8.29	8.01	3.2	3.172	101.0	2.8	2.1	0.7
1192	5/7/2014 20:01:03	15.25	49.77	32.60	8.07	8.00	3.4	3.193	98.2	2.4	1.8	0.6
1193	5/7/2014 20:16:03	15.38	49.84	32.65	7.93	7.99	9.3	3.196	96.8	2.8	2.1	0.7
1194	5/7/2014 20:31:03	15.34	49.86	32.67	7.98	7.99		3.183	97.4	1.5	1.1	0.4
1195	5/7/2014 20:46:03	15.25	49.74	32.58	8.16	8.00		3.167	99.3	2.4	1.8	0.6
1196	5/7/2014 21:01:03	15.27	49.80	32.62	8.10	8.00		3.124	98.7	2.7	2.0	0.6
1197	5/7/2014 21:16:04	15.36	49.85	32.66	7.98	7.99		3.084	97.4	3.8	2.8	0.9
1198	5/7/2014 21:31:03	15.49	49.86	32.67	7.70	7.97		3.044	94.2	3.4	2.5	0.8
1199	5/7/2014 21:46:03	15.72	49.80	32.63	7.55	7.97		2.972	92.8	3.1	2.3	0.7
1200	5/7/2014 22:01:04	15.65	49.89	32.69	7.63	7.96	10.9	2.916	93.7	3.7	2.7	0.9
1201	5/7/2014 22:16:04	15.82	49.78	32.62	7.55	7.96	20.0	2.862	93.0	3.4	2.5	0.8
1202	5/7/2014 22:31:04	16.07	49.70	32.57	7.56	7.97	18.6	2.799	93.5	4.8	3.6	1.1
1203	5/7/2014 22:46:03	16.09	49.64	32.52	7.48	7.96	27.9	2.740	92.5	3.7	2.7	0.9
1204	5/7/2014 23:01:03	16.16	49.74	32.60	7.44	7.96	17.5	2.681	92.3	2.8	2.1	0.7
1205	5/7/2014 23:16:03	16.25	49.61	32.50	7.34	7.95	14.6	2.637	91.0	3.1	2.3	0.7
1206	5/7/2014 23:31:03	16.32	49.71	32.58	7.30	7.94	8.4	2.580	90.7	3.1	2.3	0.7
1207	5/7/2014 23:46:03	16.30	49.72	32.58	7.15	7.93	14.2	2.525	88.8	3.2	2.4	0.8
1208	5/8/2014 0:01:03	16.12	49.59	32.48	7.10	7.93	17.8	2.478	87.9	3.2	2.4	0.8
1209	5/8/2014 0:16:03	16.26	49.59	32.48	7.01	7.92	22.0	2.431	86.9	11.0	8.1	2.6
1210	5/8/2014 0:31:03	16.22	49.58	32.48	6.96	7.93	38.3	2.381	86.3	2.4	1.8	0.6
1211	5/8/2014 0:46:03	16.50	49.55	32.46	7.02	7.95	81.1	2.336	87.5	2.6	1.9	0.6
1212	5/8/2014 1:01:03	16.48	49.56	32.47	7.00	7.95	41.3	2.307	87.3	2.8	2.1	0.7
1213	5/8/2014 1:16:03	16.70	49.59	32.49	7.03	7.96	11.5	2.272	88.0	3.0	2.2	0.7
1214	5/8/2014 1:31:03	16.84	49.59	32.50	7.04	7.97	6.7	2.254	88.3	4.6	3.4	1.1
1215	5/8/2014 1:46:03	16.90	49.39	32.35	6.87	7.96	7.0	2.242	86.2	3.2	2.4	0.8
1216	5/8/2014 2:01:03	16.87	49.40	32.36	6.73	7.95	6.2	2.233	84.4	2.8	2.1	0.7
1217	5/8/2014 2:16:03	16.77	49.62	32.51	6.98	7.95	10.1	2.243	87.5	2.5	1.9	0.6
1218	5/8/2014 2:31:03	16.70	49.49	32.42	7.04	7.95	10.4	2.264	88.1	3.1	2.3	0.7
1219	5/8/2014 2:46:03	16.61	49.42	32.37	7.00	7.95	8.2	2.287	87.4	3.2	2.4	0.8
1220	5/8/2014 3:01:03	16.53	49.61	32.51	6.99	7.94	7.8	2.313	87.2	3.0	2.2	0.7
1221	5/8/2014 3:16:03	16.47	49.63	32.52	6.98	7.93	7.0	2.360	87.0	2.4	1.8	0.6
1222	5/8/2014 3:31:03	16.39	49.59	32.49	6.98	7.92	6.3	2.399	86.9	2.5	1.9	0.6
1223	5/8/2014 3:46:03	16.40	49.56	32.47	6.96	7.94	9.7	2.454	86.6	2.6	1.9	0.6
1224	5/8/2014 4:01:03	16.32	49.53	32.44	7.00	7.94	19.2	2.498	86.9	2.6	1.9	0.6
1225	5/8/2014 4:16:03	16.26	49.59	32.49	7.07	7.93	11.0	2.544	87.7	2.8	2.1	0.7
1226	5/8/2014 4:31:03	16.21	49.58	32.48	7.10	7.93	12.6	2.588	88.0	2.7	2.0	0.6
1227	5/8/2014 4:46:03	16.12	49.62	32.51	7.17	7.93	5.8	2.645	88.7	3.0	2.2	0.7
1228	5/8/2014 5:01:03	15.95	49.71	32.57	7.25	7.94	5.5	2.679	89.5	2.4	1.8	0.6
1229	5/8/2014 5:16:03	15.80	49.67	32.54	7.36	7.94	4.9	2.718	90.5	2.0	1.5	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
1230	5/8/2014 5:31:03	15.66	49.65	32.52	7.51	7.95	4.3	2.769	92.2	2.4	1.8	0.6
1231	5/8/2014 5:46:03	15.56	49.80	32.63	7.58	7.96		2.802	92.9	4.2	3.1	1.0
1232	5/8/2014 6:01:03	15.51	49.81	32.64	7.58	7.96		2.836	92.7	2.7	2.0	0.6
1233	5/8/2014 6:16:03	15.42	49.85	32.66	7.63	7.96	3.9	2.867	93.2	3.2	2.4	0.8
1234	5/8/2014 6:31:03	15.36	49.76	32.60	7.69	7.97	3.7	2.908	93.7	2.4	1.8	0.6
1235	5/8/2014 6:46:03	15.29	49.84	32.66	7.74	7.97	3.4	2.927	94.3	2.8	2.1	0.7
1236	5/8/2014 7:01:03	15.27	49.86	32.67	7.67	7.97	3.9	2.950	93.4	1.9	1.4	0.5
1237	5/8/2014 7:16:03	15.22	49.76	32.59	7.57	7.97		2.965	92.1	2.0	1.5	0.5
1238	5/8/2014 7:31:04	15.21	49.85	32.66	7.04	7.95	5.0	2.980	85.7	2.8	2.1	0.7
1239	5/8/2014 7:46:03	15.23	49.86	32.67	7.42	7.97	6.8	2.974	90.3	2.7	2.0	0.6
1240	5/8/2014 8:01:03	15.21	49.79	32.61	7.54	7.96	3.2	2.966	91.7	1.7	1.3	0.4
1241	5/8/2014 8:16:03	15.20	49.76	32.59	7.50	7.97	3.2	2.946	91.2	2.2	1.6	0.5
1242	5/8/2014 8:31:03	15.44	49.77	32.61	7.30	7.95	8.6	2.923	89.2	1.6	1.2	0.4
1243	5/8/2014 8:46:03	15.74	49.57	32.46	7.00	7.93	5.2	2.886	85.9	2.6	1.9	0.6
1244	5/8/2014 9:01:03	15.77	49.74	32.59	7.02	7.93	4.5	2.855	86.3	2.0	1.5	0.5
1245	5/8/2014 9:16:03	15.70	49.77	32.61	7.02	7.93		2.795	86.2	2.1	1.6	0.5
1246	5/8/2014 9:31:03	15.82	49.73	32.58	7.04	7.92	7.1	2.726	86.7	2.2	1.6	0.5
1247	5/8/2014 9:46:03	15.87	49.70	32.56	7.12	7.92	7.3	2.689	87.7	1.8	1.3	0.4
1248	5/8/2014 10:01:03	15.90	49.65	32.53	7.22	7.92	8.7	2.627	88.9	1.8	1.3	0.4
1249	5/8/2014 10:16:03	15.98	49.67	32.54	7.13	7.92	8.4	2.549	88.0	2.4	1.8	0.6
1250	5/8/2014 10:31:03	16.04	49.68	32.55	7.17	7.92	8.7	2.491	88.6	4.7	3.5	1.1
1251	5/8/2014 10:46:03	16.14	49.69	32.56	7.11	7.93	7.6	2.421	88.1	2.3	1.7	0.5
1252	5/8/2014 11:01:03	16.21	49.53	32.44	7.21	7.93	6.8	2.362	89.3	2.3	1.7	0.5
1253	5/8/2014 11:16:03	16.29	49.62	32.51	7.04	7.92	6.8	2.292	87.4	2.1	1.6	0.5
1254	5/8/2014 11:31:03	16.35	49.63	32.52	7.23	7.93	7.3	2.220	89.8	2.0	1.5	0.5
1255	5/8/2014 11:46:03	16.43	49.66	32.54	7.37	7.94	6.2	2.164	91.8	5.9	4.4	1.4
1256	5/8/2014 12:01:03	16.52	49.65	32.53	7.24	7.94	6.7	2.102	90.3	2.6	1.9	0.6
1257	5/8/2014 12:16:03	16.60	49.60	32.50	7.37	7.96	8.7	2.051	92.0	2.2	1.6	0.5
1258	5/8/2014 12:31:03	16.66	49.58	32.49	7.34	7.96	7.9	1.994	91.8	3.0	2.2	0.7
1259	5/8/2014 12:46:03	16.71	49.61	32.51	7.30	7.96	6.8	1.942	91.4	3.0	2.2	0.7
1260	5/8/2014 13:01:03	16.77	49.61	32.51	7.47	7.98	7.3	1.921	93.7	2.2	1.6	0.5
1261	5/8/2014 13:16:03	16.81	49.61	32.51	7.28	7.97	6.8	1.894	91.4	2.1	1.6	0.5
1262	5/8/2014 13:31:03	16.82	49.61	32.51	6.93	7.95	6.1	1.868	87.0	2.8	2.1	0.7
1263	5/8/2014 13:46:03	16.81	49.46	32.40	7.21	7.95	8.4	1.870	90.4	3.2	2.4	0.8
1264	5/8/2014 14:01:03	16.80	49.55	32.47	7.23	7.95	7.0	1.895	90.7	3.4	2.5	0.8
1265	5/8/2014 14:16:03	16.77	49.57	32.48	7.07	7.94	6.8	1.904	88.6	3.4	2.5	0.8
1266	5/8/2014 14:31:03	16.74	49.58	32.48	7.07	7.93		1.929	88.5	3.5	2.6	0.8
1267	5/8/2014 14:46:03	16.72	49.48	32.42	7.06	7.93	6.3	1.983	88.4	2.8	2.1	0.7
1268	5/8/2014 15:01:03	16.69	49.55	32.46	6.99	7.92	6.1	2.026	87.4	3.1	2.3	0.7
1269	5/8/2014 15:16:03	16.66	49.58	32.48	7.01	7.92	6.2	2.072	87.7	3.2	2.4	0.8
1270	5/8/2014 15:31:03	16.58	49.45	32.39	6.97	7.93	7.5	2.122	86.9	3.7	2.7	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
1271	5/8/2014 15:46:03	16.55	49.42	32.36	6.89	7.92	7.9	2.177	85.9	2.7	2.0	0.6
1272	5/8/2014 16:01:03	16.48	49.46	32.39	7.03	7.92	6.5	2.241	87.5	2.2	1.6	0.5
1273	5/8/2014 16:16:03	16.43	49.59	32.49	6.99	7.92	6.1	2.300	87.1	2.7	2.0	0.7
1274	5/8/2014 16:31:03	16.41	49.56	32.47	6.97	7.92	6.0	2.366	86.8	2.9	2.1	0.7
1275	5/8/2014 16:46:03	16.32	49.55	32.46	6.97	7.92	5.5	2.431	86.6	2.1	1.6	0.5
1276	5/8/2014 17:01:03	16.12	49.62	32.51	7.04	7.92	5.7	2.496	87.1	1.9	1.4	0.5
1277	5/8/2014 17:16:03	15.98	49.66	32.53	7.25	7.93	5.7	2.556	89.5	2.2	1.6	0.5
1278	5/8/2014 17:31:03	15.89	49.68	32.54	7.34	7.94	5.3	2.622	90.4	1.3	1.0	0.3
1279	5/8/2014 17:46:03	15.86	49.68	32.55	7.35	7.94	6.1	2.696	90.5	3.0	2.2	0.7
1280	5/8/2014 18:01:03	15.76	49.75	32.60	7.46	7.95	6.2	2.767	91.8	2.0	1.5	0.5
1281	5/8/2014 18:16:03	15.59	49.75	32.59	7.63	7.96	7.0	2.846	93.5	2.3	1.7	0.5
1282	5/8/2014 18:31:03	15.33	49.83	32.65	7.73	7.97	6.6	2.910	94.2	2.9	2.1	0.7
1283	5/8/2014 18:46:04	15.20	49.82	32.64	7.75	7.97	6.2	2.962	94.3	3.6	2.7	0.9
1284	5/8/2014 19:01:03	15.03	49.72	32.56	7.88	7.98	5.7	3.036	95.4	3.4	2.5	0.8
1285	5/8/2014 19:16:04	14.83	49.96	32.73	8.04	7.99	5.2	3.109	97.1	3.4	2.5	0.8
1286	5/8/2014 19:31:04	14.62	49.96	32.72	8.09	8.00	5.1	3.168	97.3	3.9	2.9	0.9
1287	5/8/2014 19:46:03	14.47	49.94	32.70	8.09	8.00	4.8	3.220	97.1	3.2	2.4	0.8
1288	5/8/2014 20:01:03	14.30	49.98	32.73	8.18	8.00	3.7	3.280	97.7	2.8	2.1	0.7
1289	5/8/2014 20:16:03	14.24	50.04	32.77	8.10	8.00	4.0	3.310	96.7	4.9	3.6	1.2
1290	5/8/2014 20:31:03	14.08	50.09	32.80	8.04	8.00	3.2	3.339	95.8	4.0	3.0	1.0
1291	5/8/2014 20:46:03	13.99	49.99	32.73	7.96	7.99	2.9	3.366	94.6	3.9	2.9	0.9
1292	5/8/2014 21:01:03	14.12	49.98	32.73	7.94	7.99	3.9	3.350	94.5	2.3	1.7	0.5
1293	5/8/2014 21:16:03	14.10	50.03	32.76	7.88	7.98	3.4	3.341	93.8	2.6	1.9	0.6
1294	5/8/2014 21:31:03	14.22	50.03	32.76	7.80	7.98	3.4	3.327	93.1	2.2	1.6	0.5
1295	5/8/2014 21:46:03	14.29	49.99	32.74	7.84	7.98	3.7	3.279	93.7	2.2	1.6	0.5
1296	5/8/2014 22:01:03	14.66	49.93	32.70	7.79	7.98	4.7	3.217	93.7	3.1	2.3	0.7
1297	5/8/2014 22:16:03	14.60	49.95	32.72	7.86	7.98	4.8	3.167	94.4	2.8	2.1	0.7
1298	5/8/2014 22:31:03	14.82	49.89	32.68	7.63	7.97	5.7	3.114	92.2	2.1	1.6	0.5
1299	5/8/2014 22:46:03	14.83	49.90	32.69	7.60	7.96	6.4	3.037	91.8	3.8	2.8	0.9
1300	5/8/2014 23:01:04	15.18	49.83	32.64	7.40	7.95	6.5	2.960	90.0	2.7	2.0	0.6
1301	5/8/2014 23:16:03	15.39	49.65	32.51	7.30	7.95	5.7	2.904	89.0	2.8	2.1	0.7
1302	5/8/2014 23:31:03	15.49	49.61	32.49	7.23	7.94	5.2	2.837	88.4	2.7	2.0	0.6
1303	5/8/2014 23:46:03	15.58	49.69	32.55	7.13	7.93	6.8	2.765	87.3	2.1	1.6	0.5
1304	5/9/2014 0:01:03	15.69	49.63	32.51	7.06	7.92	5.9	2.692	86.6	2.2	1.6	0.5
1305	5/9/2014 0:16:03	15.79	49.66	32.53	7.01	7.92	6.4	2.636	86.2	1.8	1.3	0.4
1306	5/9/2014 0:31:03	15.85	49.63	32.51	6.95	7.91	6.3	2.566	85.6	1.5	1.1	0.4
1307	5/9/2014 0:46:03	15.80	49.64	32.51	6.83	7.90	8.3	2.490	84.0	2.0	1.5	0.5
1308	5/9/2014 1:01:03	15.78	49.62	32.50	6.80	7.90	7.6	2.422	83.6	2.8	2.1	0.7
1309	5/9/2014 1:16:03	15.67	49.63	32.51	6.93	7.91	7.6	2.365	85.1	2.5	1.9	0.6
1310	5/9/2014 1:31:03	15.85	49.60	32.49	6.91	7.91	6.6	2.300	85.0	2.4	1.8	0.6
1311	5/9/2014 1:46:03	15.85	49.62	32.50	6.85	7.90	6.4	2.236	84.3	2.3	1.7	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS
1312	5/9/2014 2:01:04	15.88	49.64	32.52	6.79	7.90		2.194	83.6	2.5	1.9	0.6
1313	5/9/2014 2:16:03	15.89	49.59	32.48	6.77	7.90	6.7	2.148	83.4	2.7	2.0	0.6
1314	5/9/2014 2:31:04	16.04	49.58	32.48	6.71	7.90	18.7	2.133	82.9	2.3	1.7	0.5
1315	5/9/2014 2:46:03	16.08	49.40	32.35	6.67	7.90	17.0	2.109	82.4	2.3	1.7	0.6
1316	5/9/2014 3:01:03	16.13	49.58	32.48	6.23	7.88	4.7	2.108	77.1	2.6	1.9	0.6
1317	5/9/2014 3:16:03	16.24	49.39	32.34	6.64	7.90	5.5	2.125	82.3	2.6	1.9	0.6
1318	5/9/2014 3:31:03	16.22	49.49	32.41	6.70	7.90	5.7	2.150	83.0	2.7	2.0	0.6
1319	5/9/2014 3:46:03	16.14	49.52	32.43	6.71	7.90	5.4	2.184	83.0	2.6	1.9	0.6
1320	5/9/2014 4:01:03	16.13	49.51	32.43	6.67	7.89	6.2	2.218	82.6	2.9	2.1	0.7
1321	5/9/2014 4:16:03	16.08	49.55	32.45	6.68	7.89	6.2	2.281	82.6	2.5	1.9	0.6
1322	5/9/2014 4:31:03	16.00	49.49	32.41	6.70	7.89	6.4	2.328	82.7	1.9	1.4	0.4
1323	5/9/2014 4:46:03	15.97	49.56	32.46	6.71	7.89	6.2	2.378	82.8	2.5	1.9	0.6
1324	5/9/2014 5:01:03	15.93	49.56	32.46	6.74	7.89	6.7	2.439	83.1	1.8	1.3	0.4
1325	5/9/2014 5:16:03	15.80	49.63	32.51	6.85	7.90	9.7	2.497	84.2	2.1	1.6	0.5
1326	5/9/2014 5:31:03	15.76	49.63	32.51	6.87	7.90	10.0	2.536	84.4	2.6	1.9	0.6
1327	5/9/2014 5:46:03	15.73	49.61	32.49	6.86	7.90	5.3	2.587	84.3	2.2	1.6	0.5
1328	5/9/2014 6:01:03	15.69	49.63	32.50	6.89	7.90	5.5	2.634	84.6	2.3	1.7	0.6
1329	5/9/2014 6:16:03	15.55	49.68	32.54	7.01	7.91	4.8	2.682	85.7	2.0	1.5	0.5
1330	5/9/2014 6:31:03	15.44	49.65	32.52	7.10	7.92	4.5	2.727	86.8	1.3	1.0	0.3
1331	5/9/2014 6:46:03	15.35	49.72	32.57	7.13	7.92	4.7	2.772	87.0	1.1	0.8	0.3
1332	5/9/2014 7:01:03	15.29	49.64	32.50	7.18	7.92	3.9	2.824	87.4	2.2	1.6	0.5
1333	5/9/2014 7:16:03	15.21	49.73	32.57	7.23	7.93	4.1	2.853	88.0	2.2	1.6	0.5
1334	5/9/2014 7:31:04	15.16	49.72	32.56	7.26	7.93	3.7	2.893	88.2	1.4	1.0	0.3
1335	5/9/2014 7:46:03	15.10	49.67	32.52	7.28	7.93	3.6	2.940	88.3	1.9	1.4	0.5
1336	5/9/2014 8:01:03	15.03	49.76	32.59	7.31	7.93	10.4	2.969	88.6	2.0	1.5	0.5
1337	5/9/2014 8:16:03	14.98	49.79	32.61	7.26	7.93	3.2	2.998	87.9	3.3	2.4	0.8
1338	5/9/2014 8:31:03	14.86	49.79	32.61	7.21	7.93	3.2	3.024	87.0	2.5	1.9	0.6
1339	5/9/2014 8:46:04	14.87	49.81	32.62	6.86	7.92	4.1	3.033	82.9	8.1	6.0	1.9
	Mean	15.21	49.42	32.33	8.12	7.96	7.83	2.65	98.50	3.17	2.34	0.75
	Minimum	11.06	47.79	31.14	6.21	7.82	2.60	1.13	77.10	1.10	0.81	0.30
	Maximum	18.40	50.57	33.03	10.08	8.10	81.10	3.98	127.20	22.60	16.72	5.40

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

Chlorophyll/Fluorescence displayed as *in vivo* (non-extractive) readings from YSI 6025 chlorophyll probe

Chlorophyll corrected with ratio derived from extractive analysis; Sample collected at 10:00; value = 2.00

Flagged data due to suspect values (i.e., equipment malfunction, interference, etc.)

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.74)	Fluorescence %FS

Data listed as outlier and discarded due to field issues (i.e., equipment malfunction, interference, etc.)

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
0	5/9/2014 9:16:11	14.91	50.23	32.93	7.28	7.90	3.6	2.791	88.2	1.6	1.2	0.4
1	5/9/2014 9:31:11	14.88	50.01	32.76	7.25	7.91	3.1	2.776	87.7	2.1	1.6	0.5
2	5/9/2014 9:46:11	14.99	50.12	32.85	7.29	7.92	3.6	2.730	88.5	2.1	1.6	0.5
3	5/9/2014 10:01:11	15.16	50.12	32.85	7.27	7.92	4.2	2.689	88.5	1.4	1.1	0.3
4	5/9/2014 10:16:11	15.26	50.24	32.94	7.25	7.91	4.8	2.649	88.5	2.3	1.7	0.5
5	5/9/2014 10:31:11	15.38	50.04	32.80	7.26	7.91	4.8	2.569	88.8	2.1	1.6	0.5
6	5/9/2014 10:46:11	15.58	49.77	32.60	7.35	7.92	5.0	2.522	90.1	1.7	1.3	0.4
7	5/9/2014 11:01:10	15.79	49.93	32.73	7.30	7.92	5.3	2.456	89.8	2.0	1.5	0.5
8	5/9/2014 11:16:11	15.94	49.98	32.76	7.26	7.92	5.3	2.388	89.7	1.7	1.3	0.4
9	5/9/2014 11:31:11	16.12	49.90	32.71	7.33	7.92	5.4	2.313	90.8	1.6	1.2	0.4
10	5/9/2014 11:46:11	16.17	49.90	32.71	7.16	7.91	5.1	2.259	88.8	1.7	1.3	0.4
11	5/9/2014 12:01:11	16.27	50.03	32.81	7.03	7.90	5.1	2.186	87.4	2.0	1.5	0.5
12	5/9/2014 12:16:11	16.46	49.91	32.73	7.19	7.91	5.4	2.109	89.7	2.0	1.5	0.5
13	5/9/2014 12:31:11	16.60	49.99	32.79	7.24	7.92	4.7	2.055	90.6	2.0	1.5	0.5
14	5/9/2014 12:46:11	16.59	49.77	32.63	7.25	7.92	4.6	1.983	90.6	1.8	1.4	0.4
15	5/9/2014 13:01:11	16.71	49.73	32.59	7.31	7.93	5.0	1.923	91.6	1.8	1.4	0.4
16	5/9/2014 13:16:10	16.75	49.89	32.72	7.34	7.93	5.1	1.868	92.1	1.7	1.3	0.4
17	5/9/2014 13:31:11	16.91	49.86	32.70	7.44	7.94	4.8	1.816	93.6	2.4	1.8	0.6
18	5/9/2014 13:46:10	16.97	49.84	32.68	7.36	7.94	4.1	1.784	92.6	1.5	1.1	0.4
19	5/9/2014 14:01:10	17.02	49.85	32.68	7.31	7.94	3.6	1.742	92.1	2.0	1.5	0.5
20	5/9/2014 14:16:11	17.07	49.89	32.72	6.97	7.92	3.4	1.732	88.0	1.6	1.2	0.4
21	5/9/2014 14:31:11	17.41	49.76	32.63	7.88	7.97	6.2	1.732	100.1	2.1	1.6	0.5
22	5/9/2014 14:46:11	17.08	49.71	32.59	7.48	7.95	4.7	1.725	94.4	2.5	1.9	0.6
23	5/9/2014 15:01:11	17.15	49.79	32.65	7.76	7.97	5.3	1.733	98.0	2.6	2.0	0.6
24	5/9/2014 15:16:10	17.20	49.76	32.62	7.71	7.96	5.3	1.766	97.5	3.1	2.3	0.7
25	5/9/2014 15:31:10	17.18	49.70	32.58	7.55	7.95	5.6	1.806	95.4	2.8	2.1	0.7
26	5/9/2014 15:46:11	17.18	49.69	32.57	7.51	7.95	5.9	1.840	94.9	2.4	1.8	0.6
27	5/9/2014 16:01:11	17.06	49.66	32.55	7.43	7.95	5.6	1.891	93.7	2.7	2.0	0.6
28	5/9/2014 16:16:11	17.15	49.59	32.50	7.38	7.94	6.8	1.950	93.1	2.7	2.0	0.6
29	5/9/2014 16:31:10	17.13	49.75	32.62	7.36	7.93	6.7	2.013	93.0	2.2	1.7	0.5
30	5/9/2014 16:46:10	16.97	49.81	32.66	7.37	7.94	6.0	2.078	92.8	2.1	1.6	0.5
31	5/9/2014 17:01:10	16.75	49.64	32.53	7.22	7.92	5.9	2.131	90.5	2.1	1.6	0.5
32	5/9/2014 17:16:11	16.62	49.81	32.65	7.15	7.92	5.6	2.211	89.4	2.2	1.7	0.5
33	5/9/2014 17:31:11	16.56	49.61	32.50	7.16	7.92	5.3	2.286	89.4	1.6	1.2	0.4
34	5/9/2014 17:46:11	16.42	49.80	32.64	7.17	7.92	5.3	2.349	89.3	2.7	2.0	0.6
35	5/9/2014 18:01:11	16.31	49.68	32.55	7.23	7.92	5.0	2.415	89.8	2.3	1.7	0.5
36	5/9/2014 18:16:11	16.23	49.81	32.65	7.27	7.93	5.6	2.486	90.2	2.4	1.8	0.6
37	5/9/2014 18:31:11	16.12	49.91	32.72	7.28	7.93	5.7	2.556	90.2	1.8	1.4	0.4
38	5/9/2014 18:46:11	15.97	49.85	32.67	7.31	7.93	5.3	2.624	90.2	3.2	2.4	0.8
39	5/9/2014 19:01:11	15.91	49.77	32.62	7.38	7.94	5.6	2.690	91.0	2.5	1.9	0.6
40	5/9/2014 19:16:11	15.75	49.68	32.54	7.52	7.95	6.2	2.769	92.4	2.5	1.9	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
41	5/9/2014 19:31:11	15.47	49.84	32.66	7.59	7.96	6.7	2.835	92.8	2.6	2.0	0.6
42	5/9/2014 19:46:11	15.23	50.03	32.79	7.64	7.96	7.3	2.899	93.1	2.6	2.0	0.6
43	5/9/2014 20:01:11	15.14	49.95	32.73	7.70	7.96	6.7	2.971	93.6	2.5	1.9	0.6
44	5/9/2014 20:16:11	15.01	49.93	32.71	7.76	7.97	5.7	3.038	94.0	4.0	3.0	0.9
45	5/9/2014 20:31:11	14.83	50.06	32.80	7.80	7.97	5.1	3.096	94.3	5.0	3.8	1.2
46	5/9/2014 20:46:11	14.62	50.09	32.82	7.84	7.97	4.8	3.151	94.4	2.6	2.0	0.6
47	5/9/2014 21:01:11	14.23	50.08	32.80	7.94	7.98	3.4	3.195	94.8	3.4	2.6	0.8
48	5/9/2014 21:16:11	14.07	50.25	32.92	7.94	7.98	2.6	3.225	94.5	3.8	2.9	0.9
49	5/9/2014 21:31:11	14.04	50.26	32.93	7.83	7.97	2.5	3.246	93.2	2.5	1.9	0.6
50	5/9/2014 21:46:11	14.13	50.18	32.87	7.82	7.97	3.6	3.251	93.2	2.5	1.9	0.6
51	5/9/2014 22:01:11	14.09	50.30	32.95	7.76	7.97	3.9	3.223	92.5	3.1	2.3	0.7
52	5/9/2014 22:16:11	14.25	50.25	32.93	7.72	7.97	4.7	3.190	92.3	2.6	2.0	0.6
53	5/9/2014 22:31:11	14.57	50.10	32.82	7.66	7.97	5.5	3.134	92.1	2.4	1.8	0.6
54	5/9/2014 22:46:11	14.96	50.05	32.79	7.51	7.96	7.5	3.075	90.9	2.7	2.0	0.6
55	5/9/2014 23:01:11	15.07	49.83	32.64	7.44	7.96	6.8	2.995	90.2	3.2	2.4	0.8
56	5/9/2014 23:16:11	15.63	49.93	32.73	7.26	7.95	6.7	2.911	89.1	2.5	1.9	0.6
57	5/9/2014 23:31:11	15.58	49.90	32.70	7.59	7.97	6.7	2.833	93.1	3.4	2.6	0.8
58	5/9/2014 23:46:11	15.60	49.72	32.57	7.49	7.96	5.8	2.756	91.8	2.4	1.8	0.6
59	5/10/2014 0:01:11	15.84	49.82	32.65	7.32	7.95	6.1	2.672	90.2	2.2	1.7	0.5
60	5/10/2014 0:16:11	16.18	49.66	32.53	7.17	7.94	7.4	2.583	88.9	2.2	1.7	0.5
61	5/10/2014 0:31:11	16.22	49.75	32.61	7.15	7.94	6.6	2.510	88.7	2.3	1.7	0.5
62	5/10/2014 0:46:11	16.40	49.86	32.69	7.09	7.94	6.5	2.422	88.4	2.2	1.7	0.5
63	5/10/2014 1:01:11	16.52	49.83	32.67	7.02	7.93	7.0	2.335	87.7	1.7	1.3	0.4
64	5/10/2014 1:16:11	16.36	49.74	32.60	7.02	7.93	7.3	2.258	87.4	2.6	2.0	0.6
65	5/10/2014 1:31:11	16.24	49.79	32.63	7.10	7.93	7.0	2.161	88.1	2.5	1.9	0.6
66	5/10/2014 1:46:11	16.30	49.84	32.67	7.07	7.95	7.3	2.080	87.8	2.4	1.8	0.6
67	5/10/2014 2:01:11	16.55	49.66	32.54	7.33	7.97	6.5	2.004	91.5	3.0	2.3	0.7
68	5/10/2014 2:16:10	16.75	49.69	32.56	7.54	8.00	6.8	1.920	94.5	2.2	1.7	0.5
69	5/10/2014 2:31:11	16.91	49.67	32.56	7.62	8.01	6.7	1.859	95.8	2.4	1.8	0.6
70	5/10/2014 2:46:11	16.87	49.69	32.57	7.65	8.01	6.5	1.795	96.1	2.5	1.9	0.6
71	5/10/2014 3:01:10	16.96	49.63	32.52	7.68	8.02	6.4	1.759	96.6	2.8	2.1	0.7
72	5/10/2014 3:16:11	17.02	49.73	32.60	7.68	8.02	6.2	1.725	96.7	2.8	2.1	0.7
73	5/10/2014 3:31:11	17.03	49.75	32.61	7.67	8.02	6.6	1.704	96.6	2.6	2.0	0.6
74	5/10/2014 3:46:11	17.02	49.77	32.63	7.47	8.01	5.6	1.715	94.1	3.1	2.3	0.7
75	5/10/2014 4:01:11	16.91	49.77	32.63	7.63	8.01	5.8	1.731	96.0	2.8	2.1	0.7
76	5/10/2014 4:16:11	16.88	49.54	32.46	7.56	8.00	5.9	1.751	94.9	2.6	2.0	0.6
77	5/10/2014 4:31:11	16.84	49.70	32.57	7.51	7.99	6.4	1.788	94.2	2.7	2.0	0.6
78	5/10/2014 4:46:11	16.76	49.76	32.62	7.44	7.98	6.3	1.849	93.2	2.4	1.8	0.6
79	5/10/2014 5:01:11	16.71	49.68	32.56	7.37	7.97	6.9	1.902	92.2	2.2	1.7	0.5
80	5/10/2014 5:16:11	16.60	49.38	32.34	7.07	7.94	6.7	1.955	88.2	2.5	1.9	0.6
81	5/10/2014 5:31:10	16.58	49.33	32.30	7.01	7.93	7.5	2.016	87.5	2.4	1.8	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
82	5/10/2014 5:46:11	16.55	49.51	32.43	6.97	7.93	7.9	2.077	87.0	2.6	2.0	0.6
83	5/10/2014 6:01:11	16.47	49.73	32.59	6.96	7.92	8.3	2.133	86.8	2.4	1.8	0.6
84	5/10/2014 6:16:11	16.40	49.75	32.61	6.95	7.92	7.3	2.191	86.5	1.9	1.4	0.4
85	5/10/2014 6:31:11	16.31	49.79	32.63	6.90	7.92	16.4	2.247	85.8	2.5	1.9	0.6
86	5/10/2014 6:46:11	16.19	49.88	32.70	6.88	7.91	8.2	2.351	85.4	2.1	1.6	0.5
87	5/10/2014 7:01:11	16.01	49.72	32.58	6.94	7.91	6.8	2.406	85.8	2.0	1.5	0.5
88	5/10/2014 7:16:11	15.89	49.88	32.69	6.98	7.92	5.4	2.461	86.1	2.1	1.6	0.5
89	5/10/2014 7:31:11	15.80	49.93	32.73	7.01	7.92	6.1	2.534	86.3	2.0	1.5	0.5
90	5/10/2014 7:46:11	15.70	50.07	32.83	6.99	7.92	5.3	2.756	86.0	1.9	1.4	0.4
91	5/10/2014 8:01:11	15.62	49.95	32.74	7.06	7.92	5.7	2.806	86.7	2.0	1.5	0.5
92	5/10/2014 8:16:11	15.52	50.04	32.80	7.07	7.93	5.4	2.856	86.7	2.0	1.5	0.5
93	5/10/2014 8:31:11	15.37	50.07	32.82	7.06	7.93	7.1	2.900	86.3	1.7	1.3	0.4
94	5/10/2014 8:46:11	15.24	50.09	32.83	7.08	7.93	6.2	2.947	86.3	1.9	1.4	0.4
95	5/10/2014 9:01:11	15.14	50.08	32.83	7.11	7.93	6.4	2.990	86.5	1.7	1.3	0.4
96	5/10/2014 9:16:11	15.08	50.09	32.83	7.11	7.93	4.0	3.016	86.3	2.1	1.6	0.5
97	5/10/2014 9:31:11	15.04	50.07	32.82	7.10	7.93	3.6	3.042	86.2	2.2	1.7	0.5
98	5/10/2014 9:46:11	14.94	50.18	32.89	7.07	7.93	2.9	3.056	85.7	3.7	2.8	0.9
99	5/10/2014 10:01:11	15.18	50.20	32.91	6.92	7.92	4.5	3.050	84.3	2.3	1.7	0.5
100	5/10/2014 10:16:11	15.02	50.24	32.94	7.00	7.92	3.8	3.047	85.0	1.9	1.4	0.5
101	5/10/2014 10:31:11	14.99	50.17	32.89	7.01	7.92	4.1	3.037	85.0	1.0	0.8	0.2
102	5/10/2014 10:46:11	15.03	50.03	32.78	7.03	7.92	4.0	2.988	85.3	1.8	1.4	0.4
103	5/10/2014 11:01:11	15.14	50.15	32.87	7.07	7.92	5.4	2.944	86.0	1.6	1.2	0.4
104	5/10/2014 11:16:11	15.36	50.03	32.79	7.09	7.93	5.1	2.890	86.6	1.9	1.4	0.5
105	5/10/2014 11:31:11	15.69	49.94	32.73	7.24	7.94	6.3	2.821	89.0	2.0	1.5	0.5
106	5/10/2014 11:46:11	15.86	50.02	32.80	7.27	7.94	6.8	2.747	89.6	2.0	1.5	0.5
107	5/10/2014 12:01:11	15.92	49.93	32.73	7.21	7.94	6.2	2.676	89.0	2.3	1.7	0.5
108	5/10/2014 12:16:11	16.06	49.86	32.68	7.21	7.94	6.2	2.622	89.2	1.8	1.4	0.4
109	5/10/2014 12:31:11	16.20	49.83	32.67	7.21	7.94	6.7	2.534	89.5	2.0	1.5	0.5
110	5/10/2014 12:46:11	16.42	49.89	32.71	7.29	7.94	6.7	2.451	90.8	1.8	1.4	0.4
111	5/10/2014 13:01:11	16.64	49.85	32.69	7.37	7.94	8.2	2.400	92.3	2.5	1.9	0.6
112	5/10/2014 13:16:11	16.78	49.76	32.62	7.42	7.95	6.8	2.323	93.1	1.8	1.4	0.4
113	5/10/2014 13:31:11	16.92	49.84	32.68	7.59	7.96	6.6	2.261	95.5	1.7	1.3	0.4
114	5/10/2014 13:46:11	16.95	49.59	32.50	7.62	7.96	6.7	2.188	95.8	1.8	1.4	0.4
115	5/10/2014 14:01:11	17.07	49.86	32.70	7.68	7.97	6.8	2.134	96.9	2.2	1.7	0.5
116	5/10/2014 14:16:11	17.13	49.88	32.71	7.74	7.98	6.9	2.091	97.8	1.9	1.4	0.4
117	5/10/2014 14:31:11	17.15	49.80	32.65	7.72	7.98	5.8	2.030	97.6	1.9	1.4	0.4
118	5/10/2014 14:46:11	17.16	49.72	32.59	7.79	7.98	6.0	2.000	98.4	1.2	0.9	0.3
119	5/10/2014 15:01:11	17.22	49.80	32.66	7.78	7.98	6.0	1.972	98.5	2.0	1.5	0.5
120	5/10/2014 15:16:11	17.27	49.85	32.69	7.47	7.97	4.3	1.967	94.6	1.6	1.2	0.4
121	5/10/2014 15:31:10	17.33	49.76	32.62	7.82	7.98	5.1	1.962	99.1	2.5	1.9	0.6
122	5/10/2014 15:46:11	17.40	49.81	32.66	7.90	8.00	5.6	1.954	100.3	2.3	1.7	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
123	5/10/2014 16:01:11	17.39	49.81	32.66	7.97	8.00	5.2	1.988	101.2	2.8	2.1	0.6
124	5/10/2014 16:16:11	17.36	49.79	32.65	7.84	7.99	6.5	2.026	99.5	2.1	1.6	0.5
125	5/10/2014 16:31:11	17.43	49.89	32.72	7.93	8.00	5.5	2.066	100.8	3.1	2.3	0.7
126	5/10/2014 16:46:10	17.39	49.79	32.65	7.92	7.99	5.8	2.124	100.6	2.7	2.0	0.6
127	5/10/2014 17:01:10	17.40	49.82	32.67	7.95	7.99	5.6	2.191	100.9	2.9	2.2	0.7
128	5/10/2014 17:16:10	17.28	49.82	32.66	7.83	7.97	6.7	2.266	99.2	2.4	1.8	0.6
129	5/10/2014 17:31:11	17.37	49.83	32.67	7.86	7.98	5.9	2.324	99.8	3.3	2.5	0.8
130	5/10/2014 17:46:11	17.35	49.72	32.60	7.81	7.97	5.6	2.395	99.0	2.5	1.9	0.6
131	5/10/2014 18:01:11	17.28	49.86	32.70	7.76	7.97	5.8	2.470	98.3	2.8	2.1	0.7
132	5/10/2014 18:16:11	17.15	49.79	32.65	7.65	7.96	5.6	2.543	96.6	2.8	2.1	0.7
133	5/10/2014 18:31:10	16.90	49.86	32.69	7.49	7.94	6.7	2.612	94.2	2.0	1.5	0.5
134	5/10/2014 18:46:11	16.70	49.81	32.65	7.48	7.94	6.4	2.679	93.7	2.3	1.7	0.5
135	5/10/2014 19:01:11	16.50	50.02	32.81	7.47	7.94	6.8	2.752	93.3	2.8	2.1	0.7
136	5/10/2014 19:16:11	16.27	50.02	32.80	7.45	7.94	6.6	2.825	92.6	2.8	2.1	0.7
137	5/10/2014 19:31:11	16.02	50.12	32.87	7.43	7.94	7.1	2.904	91.9	2.3	1.7	0.5
138	5/10/2014 19:46:11	15.89	50.01	32.79	7.42	7.93	7.3	2.982	91.6	2.4	1.8	0.6
139	5/10/2014 20:01:11	15.68	50.16	32.90	7.46	7.94	6.6	3.054	91.8	3.1	2.3	0.7
140	5/10/2014 20:16:11	15.42	50.18	32.91	7.52	7.94	6.9	3.133	92.1	2.5	1.9	0.6
141	5/10/2014 20:31:11	15.20	50.23	32.93	7.58	7.94	8.3	3.202	92.4	2.1	1.6	0.5
142	5/10/2014 20:46:11	14.95	50.22	32.92	7.70	7.95	8.1	3.272	93.3	3.4	2.6	0.8
143	5/10/2014 21:01:11	14.83	50.28	32.96	7.71	7.95	7.2	3.336	93.3	4.6	3.5	1.1
144	5/10/2014 21:16:11	14.70	50.20	32.90	7.81	7.96	5.7	3.402	94.2	2.7	2.0	0.6
145	5/10/2014 21:31:11	14.52	50.28	32.96	7.89	7.97	4.2	3.443	94.8	3.3	2.5	0.8
146	5/10/2014 21:46:11	14.39	50.34	32.99	7.96	7.97	3.7	3.483	95.5	2.8	2.1	0.7
147	5/10/2014 22:01:11	14.29	50.50	33.11	7.96	7.97	4.6	3.513	95.3	3.2	2.4	0.8
148	5/10/2014 22:16:11	14.71	50.38	33.03	7.69	7.96	6.4	3.518	92.8	2.5	1.9	0.6
149	5/10/2014 22:31:11	14.43	50.51	33.12	7.76	7.96	6.4	3.506	93.2	2.7	2.0	0.6
150	5/10/2014 22:46:11	14.33	50.29	32.96	7.89	7.97	5.5	3.462	94.5	3.0	2.3	0.7
151	5/10/2014 23:01:11	14.66	50.20	32.90	7.65	7.95	8.2	3.419	92.2	3.5	2.6	0.8
152	5/10/2014 23:16:11	14.63	50.30	32.97	7.66	7.95	8.6	3.353	92.3	2.9	2.2	0.7
153	5/10/2014 23:31:11	14.47	50.41	33.05	7.73	7.96	8.9	3.275	92.9	2.9	2.2	0.7
154	5/10/2014 23:46:11	14.77	50.27	32.95	7.74	7.95	7.3	3.184	93.5	3.1	2.3	0.7
155	5/11/2014 0:01:11	15.01	50.33	33.01	7.47	7.94	8.0	3.095	90.7	2.1	1.6	0.5
156	5/11/2014 0:16:11	15.66	50.12	32.87	7.30	7.93	10.0	3.009	89.8	2.8	2.1	0.7
157	5/11/2014 0:31:11	15.84	50.17	32.90	7.25	7.93	10.2	2.923	89.4	2.3	1.7	0.5
158	5/11/2014 0:46:11	15.93	49.94	32.74	7.20	7.92	9.8	2.831	88.9	2.5	1.9	0.6
159	5/11/2014 1:01:11	16.23	49.99	32.78	7.10	7.92	11.2	2.727	88.2	2.7	2.0	0.6
160	5/11/2014 1:16:11	16.35	49.88	32.70	7.04	7.91	10.9	2.636	87.7	3.0	2.3	0.7
161	5/11/2014 1:31:11	16.28	50.05	32.82	7.13	7.92	10.0	2.541	88.7	2.5	1.9	0.6
162	5/11/2014 1:46:11	16.05	50.02	32.80	7.09	7.92	9.6	2.437	87.8	3.0	2.3	0.7
163	5/11/2014 2:01:11	15.91	50.12	32.87	7.18	7.92	11.4	2.322	88.6	3.1	2.3	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
164	5/11/2014 2:16:11	15.99	50.09	32.85	7.21	7.93	12.0	2.233	89.2	2.9	2.2	0.7
165	5/11/2014 2:31:11	15.89	49.99	32.77	7.23	7.93	11.4	2.135	89.3	2.7	2.0	0.6
166	5/11/2014 2:46:11	16.06	49.99	32.78	7.22	7.94	10.9	2.031	89.4	2.9	2.2	0.7
167	5/11/2014 3:01:11	16.21	49.99	32.78	7.16	7.94	10.9	1.934	88.9	3.4	2.6	0.8
168	5/11/2014 3:16:11	16.39	49.91	32.72	7.17	7.95	9.8	1.863	89.3	3.2	2.4	0.8
169	5/11/2014 3:31:11	16.45	50.05	32.83	7.16	7.95	9.3	1.792	89.3	3.2	2.4	0.8
170	5/11/2014 3:46:11	16.60	49.98	32.78	7.17	7.96	9.0	1.731	89.7	3.5	2.6	0.8
171	5/11/2014 4:01:11	16.71	49.90	32.72	7.20	7.97	8.0	1.714	90.3	3.1	2.3	0.7
172	5/11/2014 4:16:11	16.78	49.79	32.64	7.19	7.97	7.5	1.687	90.2	3.3	2.5	0.8
173	5/11/2014 4:31:11	16.65	49.89	32.71	6.85	7.96	7.1	1.691	85.8	3.7	2.8	0.9
174	5/11/2014 4:46:11	16.69	49.81	32.65	7.22	7.97	7.8	1.725	90.4	2.9	2.2	0.7
175	5/11/2014 5:01:11	16.69	49.88	32.71	7.18	7.97	7.7	1.749	90.0	3.0	2.3	0.7
176	5/11/2014 5:16:11	16.81	49.85	32.69	7.32	8.02	8.8	1.804	91.9	3.0	2.3	0.7
177	5/11/2014 5:31:11	16.81	49.97	32.78	7.34	8.02	8.9	1.863	92.2	2.7	2.0	0.6
178	5/11/2014 5:46:11	16.74	49.73	32.59	7.21	8.00	10.0	1.928	90.4	3.0	2.3	0.7
179	5/11/2014 6:01:11	16.74	49.80	32.65	7.21	7.99	9.9	2.005	90.4	2.8	2.1	0.7
180	5/11/2014 6:16:11	16.73	49.70	32.57	7.18	7.98	10.2	2.062	89.9	3.0	2.3	0.7
181	5/11/2014 6:31:11	16.69	49.67	32.55	7.13	7.97	10.6	2.138	89.3	2.8	2.1	0.7
182	5/11/2014 6:46:11	16.67	49.71	32.58	7.11	7.96	10.6	2.195	88.9	2.7	2.0	0.6
183	5/11/2014 7:01:11	16.60	49.80	32.65	7.10	7.95	14.6	2.272	88.7	3.1	2.3	0.7
184	5/11/2014 7:16:11	16.37	49.85	32.68	7.08	7.93	15.8	2.343	88.1	2.9	2.2	0.7
185	5/11/2014 7:31:11	16.14	49.85	32.68	7.06	7.92	8.4	2.410	87.5	2.3	1.7	0.5
186	5/11/2014 7:46:11	15.97	50.02	32.79	7.06	7.92	7.6	2.478	87.3	2.1	1.6	0.5
187	5/11/2014 8:01:11	15.82	50.02	32.80	7.08	7.91	6.8	2.541	87.3	1.9	1.4	0.4
188	5/11/2014 8:16:11	15.79	50.00	32.78	7.07	7.91	7.5	2.612	87.1	2.2	1.7	0.5
189	5/11/2014 8:31:11	15.73	50.14	32.88	7.10	7.91	7.2	2.670	87.4	2.3	1.7	0.5
190	5/11/2014 8:46:11	15.71	49.90	32.70	7.12	7.92	6.7	2.745	87.5	2.1	1.6	0.5
191	5/11/2014 9:01:11	15.61	50.01	32.78	7.15	7.92	7.5	2.807	87.8	2.0	1.5	0.5
192	5/11/2014 9:16:11	15.48	50.08	32.83	7.19	7.92	7.0	2.856	88.0	2.5	1.9	0.6
193	5/11/2014 9:31:11	15.41	50.18	32.90	7.21	7.92	6.5	2.926	88.2	2.2	1.7	0.5
194	5/11/2014 9:46:11	15.32	50.18	32.90	7.25	7.92	7.5	2.979	88.5	2.7	2.0	0.6
195	5/11/2014 10:01:11	15.10	50.26	32.96	7.34	7.93	6.5	3.022	89.2	2.5	1.9	0.6
196	5/11/2014 10:16:11	14.99	50.25	32.94	7.39	7.93	5.9	3.055	89.6	1.8	1.4	0.4
197	5/11/2014 10:31:11	14.91	50.26	32.95	7.44	7.93	4.9	3.099	90.2	2.5	1.9	0.6
198	5/11/2014 10:46:11	14.83	50.17	32.88	7.43	7.94	4.1	3.122	89.9	1.8	1.4	0.4
199	5/11/2014 11:01:11	15.23	50.18	32.90	7.52	7.95	5.1	3.115	91.7	2.6	2.0	0.6
200	5/11/2014 11:16:11	14.99	50.20	32.91	7.28	7.92	5.0	3.107	88.3	2.5	1.9	0.6
201	5/11/2014 11:31:11	14.91	50.21	32.91	7.28	7.92	4.5	3.087	88.2	1.8	1.4	0.4
202	5/11/2014 11:46:11	14.95	50.14	32.86	7.33	7.93	5.2	3.043	88.8	2.0	1.5	0.5
203	5/11/2014 12:01:11	15.24	50.20	32.92	7.29	7.93	6.3	2.978	88.9	2.4	1.8	0.6
204	5/11/2014 12:16:11	15.74	50.12	32.87	7.35	7.93	7.1	2.909	90.5	2.0	1.5	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
205	5/11/2014 12:31:11	16.12	50.03	32.81	7.45	7.94	6.7	2.842	92.4	2.1	1.6	0.5
206	5/11/2014 12:46:11	16.15	50.09	32.85	7.42	7.94	6.6	2.766	92.1	1.9	1.4	0.4
207	5/11/2014 13:01:11	16.21	50.09	32.85	7.48	7.95	7.1	2.679	92.9	2.3	1.7	0.5
208	5/11/2014 13:16:11	16.41	50.07	32.84	7.47	7.95	8.3	2.604	93.2	2.1	1.6	0.5
209	5/11/2014 13:31:11	16.56	49.93	32.74	7.61	7.96	6.6	2.529	95.2	1.9	1.4	0.4
210	5/11/2014 13:46:11	16.91	50.04	32.82	7.67	7.96	5.9	2.451	96.5	2.5	1.9	0.6
211	5/11/2014 14:01:11	17.18	49.92	32.74	7.77	7.98	9.0	2.377	98.3	2.1	1.6	0.5
212	5/11/2014 14:16:11	17.34	49.92	32.74	7.91	7.99	5.4	2.297	100.4	2.5	1.9	0.6
213	5/11/2014 14:31:11	17.52	49.91	32.74	8.05	8.00	5.9	2.226	102.4	2.0	1.5	0.5
214	5/11/2014 14:46:11	17.64	49.92	32.74	8.08	8.01	5.3	2.167	103.1	2.4	1.8	0.6
215	5/11/2014 15:01:11	17.65	49.97	32.78	8.01	8.00	5.1	2.099	102.3	2.3	1.7	0.5
216	5/11/2014 15:16:11	17.74	49.95	32.77	8.07	8.01	5.2	2.045	103.2	2.0	1.5	0.5
217	5/11/2014 15:31:11	17.79	50.00	32.80	8.02	8.01	5.5	2.020	102.7	2.2	1.7	0.5
218	5/11/2014 15:46:11	17.83	49.92	32.75	7.95	8.01	4.7	1.984	101.9	2.1	1.6	0.5
219	5/11/2014 16:01:11	17.87	49.83	32.68	8.12	8.02	4.2	1.963	104.1	2.6	2.0	0.6
220	5/11/2014 16:16:11	17.83	49.87	32.71	8.31	8.03	5.3	1.988	106.5	2.9	2.2	0.7
221	5/11/2014 16:31:10	17.74	49.87	32.71	8.29	8.02	5.7	1.989	106.0	2.5	1.9	0.6
222	5/11/2014 16:46:10	17.75	49.86	32.70	8.32	8.02	6.1	2.022	106.3	3.1	2.3	0.7
223	5/11/2014 17:01:11	17.73	49.83	32.68	8.33	8.03	5.9	2.075	106.4	3.2	2.4	0.8
224	5/11/2014 17:16:10	17.75	49.81	32.66	8.32	8.03	6.4	2.121	106.4	3.0	2.3	0.7
225	5/11/2014 17:31:11	17.66	49.87	32.71	8.22	8.02	6.7	2.181	105.0	3.1	2.3	0.7
226	5/11/2014 17:46:11	17.57	49.88	32.72	8.15	8.01	7.0	2.248	103.9	2.9	2.2	0.7
227	5/11/2014 18:01:11	17.68	49.77	32.64	8.17	8.01	6.2	2.324	104.3	3.1	2.3	0.7
228	5/11/2014 18:16:10	17.57	49.85	32.69	8.10	7.99	5.9	2.392	103.2	2.7	2.0	0.6
229	5/11/2014 18:31:11	17.48	49.93	32.75	8.07	7.99	5.5	2.460	102.6	2.5	1.9	0.6
230	5/11/2014 18:46:11	17.13	49.92	32.74	7.89	7.97	6.0	2.537	99.7	2.5	1.9	0.6
231	5/11/2014 19:01:10	16.92	49.96	32.76	7.80	7.96	6.5	2.621	98.1	2.5	1.9	0.6
232	5/11/2014 19:16:11	16.65	50.03	32.82	7.71	7.95	7.0	2.693	96.5	2.5	1.9	0.6
233	5/11/2014 19:31:11	16.50	49.92	32.73	7.64	7.94	6.7	2.764	95.4	2.4	1.8	0.6
234	5/11/2014 19:46:11	16.30	50.05	32.83	7.56	7.94	6.7	2.848	94.1	2.8	2.1	0.7
235	5/11/2014 20:01:11	16.11	50.15	32.90	7.52	7.93	7.7	2.923	93.2	2.5	1.9	0.6
236	5/11/2014 20:16:11	15.90	50.13	32.88	7.62	7.94	8.5	3.005	94.1	2.6	2.0	0.6
237	5/11/2014 20:31:11	15.66	50.20	32.92	7.76	7.95	9.3	3.090	95.5	3.1	2.3	0.7
238	5/11/2014 20:46:11	15.35	50.19	32.91	7.94	7.96	11.1	3.171	97.0	3.6	2.7	0.8
239	5/11/2014 21:01:11	14.98	50.26	32.95	8.14	7.97	11.2	3.254	98.7	4.4	3.3	1.0
240	5/11/2014 21:16:11	14.80	50.39	33.04	8.26	7.98	11.1	3.335	99.9	6.1	4.6	1.4
241	5/11/2014 21:31:11	14.58	50.33	32.99	8.33	7.99	9.0	3.408	100.2	4.4	3.3	1.0
242	5/11/2014 21:46:11	14.18	50.43	33.05	8.41	8.00	11.3	3.483	100.5	4.4	3.3	1.0
243	5/11/2014 22:01:11	13.72	50.73	33.26	8.49	8.00	7.5	3.536	100.7	4.2	3.2	1.0
244	5/11/2014 22:16:11	13.59	50.63	33.18	8.54	8.01	6.4	3.581	100.9	7.3	5.5	1.7
245	5/11/2014 22:31:11	13.51	50.59	33.15	8.51	8.01	4.4	3.612	100.3	8.6	6.5	2.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
246	5/11/2014 22:46:11	13.95	50.50	33.10	8.27	8.00	4.8	3.618	98.3	4.5	3.4	1.1
247	5/11/2014 23:01:11	13.55	50.54	33.11	8.45	8.00	4.7	3.611	99.7	4.4	3.3	1.0
248	5/11/2014 23:16:11	13.50	50.68	33.21	8.50	8.01	4.9	3.582	100.3	4.1	3.1	1.0
249	5/11/2014 23:31:11	13.74	50.57	33.14	8.38	8.00	7.0	3.526	99.2	4.6	3.5	1.1
250	5/11/2014 23:46:11	14.65	50.35	33.01	7.95	7.97	8.5	3.448	95.8	4.8	3.6	1.1
251	5/12/2014 0:01:11	14.19	50.45	33.07	8.08	7.98	6.4	3.375	96.6	3.7	2.8	0.9
252	5/12/2014 0:16:11	15.00	50.34	33.01	7.84	7.97	7.6	3.274	95.2	5.3	4.0	1.2
253	5/12/2014 0:31:11	15.55	50.31	33.00	7.83	7.97	10.8	3.170	96.1	3.0	2.3	0.7
254	5/12/2014 0:46:11	15.51	50.28	32.98	7.89	7.98	8.4	3.073	96.8	3.3	2.5	0.8
255	5/12/2014 1:01:11	15.69	50.18	32.91	7.77	7.97	7.8	2.967	95.6	4.3	3.2	1.0
256	5/12/2014 1:16:11	15.81	50.16	32.90	7.64	7.96	7.5	2.870	94.1	3.0	2.3	0.7
257	5/12/2014 1:31:11	16.10	50.16	32.90	7.44	7.94	7.8	2.765	92.2	2.5	1.9	0.6
258	5/12/2014 1:46:11	16.42	50.09	32.85	7.38	7.94	8.3	2.653	92.1	2.6	2.0	0.6
259	5/12/2014 2:01:11	16.59	49.94	32.75	7.31	7.94	8.0	2.543	91.4	2.6	2.0	0.6
260	5/12/2014 2:16:11	16.30	50.12	32.88	7.32	7.94	9.3	2.425	91.1	3.7	2.8	0.9
261	5/12/2014 2:31:11	16.24	50.02	32.80	7.40	7.94	9.7	2.310	91.9	3.6	2.7	0.9
262	5/12/2014 2:46:11	16.24	50.09	32.85	7.37	7.95	8.9	2.193	91.7	3.5	2.6	0.8
263	5/12/2014 3:01:11	16.45	50.05	32.83	7.35	7.95	8.7	2.085	91.7	3.8	2.9	0.9
264	5/12/2014 3:16:11	16.52	49.97	32.77	7.36	7.95	9.2	1.961	91.9	2.9	2.2	0.7
265	5/12/2014 3:31:11	16.89	49.90	32.72	7.36	7.96	8.6	1.845	92.6	3.0	2.3	0.7
266	5/12/2014 3:46:11	16.88	50.01	32.81	7.30	7.96	8.6	1.749	91.8	3.9	2.9	0.9
267	5/12/2014 4:01:10	17.11	49.76	32.62	7.30	7.96	8.6	1.666	92.2	4.0	3.0	0.9
268	5/12/2014 4:16:11	17.30	49.94	32.75	7.40	7.98	8.1	1.590	93.8	3.6	2.7	0.8
269	5/12/2014 4:31:11	17.47	49.83	32.68	7.49	8.00	9.6	1.542	95.3	3.2	2.4	0.8
270	5/12/2014 4:46:11	17.59	49.86	32.70	7.54	8.01	7.7	1.509	96.2	3.2	2.4	0.7
271	5/12/2014 5:01:11	17.60	49.70	32.58	7.44	8.01	6.6	1.498	94.8	3.6	2.7	0.8
272	5/12/2014 5:16:11	17.50	49.82	32.67	7.49	8.00	7.4	1.512	95.3	3.2	2.4	0.7
273	5/12/2014 5:31:11	17.50	49.88	32.72	7.52	8.00	7.2	1.537	95.7	3.2	2.4	0.8
274	5/12/2014 5:46:11	17.43	49.84	32.68	7.46	7.99	6.6	1.589	94.8	2.8	2.1	0.6
275	5/12/2014 6:01:11	17.49	49.88	32.71	7.58	8.01	7.1	1.652	96.5	2.9	2.2	0.7
276	5/12/2014 6:16:11	17.44	49.88	32.71	7.57	8.00	6.8	1.708	96.3	2.9	2.2	0.7
277	5/12/2014 6:31:11	17.46	49.65	32.55	7.50	8.00	7.8	1.785	95.3	3.0	2.3	0.7
278	5/12/2014 6:46:11	17.43	49.69	32.58	7.47	7.99	7.9	1.863	94.9	3.3	2.5	0.8
279	5/12/2014 7:01:11	17.41	49.54	32.47	7.44	7.99	7.6	1.941	94.4	2.6	2.0	0.6
280	5/12/2014 7:16:11	17.40	49.42	32.38	7.40	7.98	8.0	2.027	93.8	3.1	2.3	0.7
281	5/12/2014 7:31:11	17.34	49.57	32.49	7.38	7.98	9.4	2.101	93.5	3.0	2.3	0.7
282	5/12/2014 7:46:11	17.20	49.79	32.65	7.36	7.97	9.9	2.185	93.1	2.6	2.0	0.6
283	5/12/2014 8:01:11	16.90	49.82	32.67	7.31	7.95	11.1	2.269	92.0	2.6	2.0	0.6
284	5/12/2014 8:16:11	16.60	49.89	32.71	7.27	7.94	8.0	2.342	90.9	2.1	1.6	0.5
285	5/12/2014 8:31:11	16.43	50.09	32.86	7.23	7.93	6.8	2.424	90.2	2.2	1.7	0.5
286	5/12/2014 8:46:11	16.34	50.05	32.82	7.20	7.92	7.1	2.507	89.7	2.1	1.6	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
287	5/12/2014 9:01:11	16.23	50.09	32.85	7.23	7.92	7.1	2.591	89.9	2.3	1.7	0.5
288	5/12/2014 9:16:11	16.20	50.16	32.90	7.24	7.92	7.8	2.666	90.0	2.7	2.0	0.6
289	5/12/2014 9:31:11	16.02	50.06	32.83	7.26	7.92	7.5	2.746	89.9	2.4	1.8	0.6
290	5/12/2014 9:46:11	15.87	50.13	32.88	7.31	7.92	8.4	2.816	90.3	2.3	1.7	0.5
291	5/12/2014 10:01:11	15.75	50.12	32.87	7.34	7.92	9.5	2.892	90.3	2.0	1.5	0.5
292	5/12/2014 10:16:11	15.46	50.09	32.84	7.46	7.93	9.4	2.955	91.3	2.7	2.0	0.6
293	5/12/2014 10:31:11	15.26	50.13	32.86	7.55	7.94	8.0	3.011	92.0	2.6	2.0	0.6
294	5/12/2014 10:46:11	15.07	50.31	32.99	7.61	7.94	7.4	3.074	92.5	2.6	2.0	0.6
295	5/12/2014 11:01:11	15.00	50.32	33.00	7.66	7.94	7.5	3.120	93.0	4.7	3.5	1.1
296	5/12/2014 11:16:11	14.81	50.27	32.96	7.72	7.95	5.4	3.150	93.3	2.5	1.9	0.6
297	5/12/2014 11:31:11	14.40	50.45	33.08	7.86	7.96	4.3	3.181	94.4	2.0	1.5	0.5
298	5/12/2014 11:46:11	14.36	50.30	32.97	7.83	7.96	3.8	3.192	93.8	2.8	2.1	0.6
299	5/12/2014 12:01:11	14.55	50.53	33.14	7.69	7.95	5.2	3.179	92.7	1.9	1.4	0.4
300	5/12/2014 12:16:11	14.52	50.48	33.10	7.71	7.95	7.5	3.153	92.8	1.9	1.4	0.5
301	5/12/2014 12:31:11	14.74	50.38	33.03	7.65	7.95	5.4	3.109	92.4	2.5	1.9	0.6
302	5/12/2014 12:46:11	15.10	50.23	32.93	7.60	7.94	6.4	3.051	92.4	2.8	2.1	0.6
303	5/12/2014 13:01:11	15.85	50.10	32.85	7.68	7.95	8.7	2.980	94.8	3.2	2.4	0.8
304	5/12/2014 13:16:11	16.20	50.02	32.80	7.74	7.96	8.7	2.900	96.1	2.6	2.0	0.6
305	5/12/2014 13:31:11	16.40	50.09	32.86	7.80	7.97	7.8	2.810	97.2	3.6	2.7	0.8
306	5/12/2014 13:46:11	16.49	50.19	32.93	7.71	7.96	7.8	2.738	96.3	3.3	2.5	0.8
307	5/12/2014 14:01:11	16.71	50.10	32.87	7.76	7.97	7.2	2.646	97.4	2.2	1.7	0.5
308	5/12/2014 14:16:11	16.91	49.96	32.77	7.75	7.97	5.7	2.571	97.6	2.3	1.7	0.5
309	5/12/2014 14:31:11	17.32	50.03	32.82	7.86	7.98	7.7	2.493	99.7	2.1	1.6	0.5
310	5/12/2014 14:46:11	17.69	49.90	32.73	8.06	7.99	6.1	2.415	102.9	2.5	1.9	0.6
311	5/12/2014 15:01:10	17.85	49.87	32.71	8.18	8.00	5.3	2.344	104.7	1.8	1.4	0.4
312	5/12/2014 15:16:10	18.02	49.80	32.66	8.31	8.02	5.0	2.266	106.8	2.3	1.7	0.5
313	5/12/2014 15:31:10	18.23	49.78	32.65	8.44	8.02	5.2	2.201	108.9	2.3	1.7	0.5
314	5/12/2014 15:46:10	18.29	49.81	32.66	8.46	8.03	5.1	2.133	109.3	2.0	1.5	0.5
315	5/12/2014 16:01:10	18.46	49.86	32.71	8.52	8.05	4.3	2.082	110.5	2.3	1.7	0.5
316	5/12/2014 16:16:10	18.55	49.85	32.70	8.49	8.04	4.7	2.030	110.2	2.6	2.0	0.6
317	5/12/2014 16:31:10	18.59	49.90	32.73	8.62	8.05	4.0	2.009	112.0	3.1	2.3	0.7
318	5/12/2014 16:46:10	18.89	49.80	32.66	9.79	8.12	4.8	2.002	127.9	2.6	2.0	0.6
319	5/12/2014 17:01:10	18.68	49.79	32.65	9.45	8.09	5.0	1.988	122.9	2.7	2.0	0.6
320	5/12/2014 17:16:10	18.50	49.85	32.70	9.02	8.06	4.8	2.020	117.0	2.8	2.1	0.7
321	5/12/2014 17:31:11	18.48	49.85	32.70	8.94	8.06	5.3	2.058	115.9	3.4	2.6	0.8
322	5/12/2014 17:46:10	18.45	49.75	32.62	8.83	8.05	5.3	2.099	114.3	3.2	2.4	0.8
323	5/12/2014 18:01:11	18.36	49.93	32.75	8.74	8.04	6.2	2.165	113.1	2.9	2.2	0.7
324	5/12/2014 18:16:10	18.35	49.63	32.54	8.59	8.03	7.9	2.241	111.0	3.3	2.5	0.8
325	5/12/2014 18:31:10	18.35	49.64	32.54	8.50	8.02	6.2	2.309	109.8	3.0	2.3	0.7
326	5/12/2014 18:46:10	18.19	49.84	32.69	8.42	8.02	6.9	2.386	108.6	2.5	1.9	0.6
327	5/12/2014 19:01:11	17.87	49.90	32.73	8.31	8.00	6.8	2.463	106.5	2.4	1.8	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
328	5/12/2014 19:16:11	17.49	49.92	32.75	8.16	7.98	6.1	2.541	103.8	2.4	1.8	0.6
329	5/12/2014 19:31:10	17.21	50.00	32.80	8.01	7.97	6.1	2.625	101.4	2.4	1.8	0.6
330	5/12/2014 19:46:10	16.83	50.08	32.86	7.85	7.95	7.3	2.698	98.7	2.9	2.2	0.7
331	5/12/2014 20:01:11	16.50	50.09	32.85	7.71	7.94	7.0	2.785	96.3	2.5	1.9	0.6
332	5/12/2014 20:16:10	16.34	50.06	32.83	7.69	7.94	6.5	2.864	95.8	2.6	2.0	0.6
333	5/12/2014 20:31:11	16.12	50.28	32.99	7.76	7.95	8.3	2.943	96.3	3.2	2.4	0.8
334	5/12/2014 20:46:11	15.80	50.31	33.01	8.02	7.96	9.7	3.037	98.9	3.2	2.4	0.8
335	5/12/2014 21:01:11	15.37	50.28	32.97	8.15	7.97	11.1	3.125	99.7	4.2	3.2	1.0
336	5/12/2014 21:16:11	14.97	50.29	32.98	8.27	7.98	11.4	3.209	100.3	5.4	4.1	1.3
337	5/12/2014 21:31:11	14.64	50.48	33.10	8.36	7.98	10.5	3.302	100.8	4.2	3.2	1.0
338	5/12/2014 21:46:11	14.32	50.63	33.21	8.40	7.98	9.1	3.394	100.7	4.8	3.6	1.1
339	5/12/2014 22:01:11	13.97	50.73	33.27	8.42	7.99	8.1	3.470	100.3	4.8	3.6	1.1
340	5/12/2014 22:16:11	13.50	50.68	33.22	8.47	7.99	7.5	3.543	99.9	7.2	5.4	1.7
341	5/12/2014 22:31:11	13.21	50.71	33.23	8.54	7.99	6.7	3.609	100.1	6.3	4.7	1.5
342	5/12/2014 22:46:11	13.04	50.89	33.35	8.60	8.00	5.6	3.659	100.6	8.6	6.5	2.0
343	5/12/2014 23:01:11	12.96	50.82	33.30	8.60	8.00	4.0	3.694	100.3	11.3	8.5	2.7
344	5/12/2014 23:16:11	12.95	50.89	33.34	8.49	7.99	3.7	3.716	99.1	5.7	4.3	1.3
345	5/12/2014 23:31:11	13.22	50.85	33.33	8.35	7.98	4.4	3.710	98.0	4.2	3.2	1.0
346	5/12/2014 23:46:11	13.01	50.95	33.39	8.48	7.99	4.6	3.687	99.1	6.6	5.0	1.6
347	5/13/2014 0:01:11	13.21	50.69	33.21	8.45	7.99	5.1	3.621	99.0	5.5	4.1	1.3
348	5/13/2014 0:16:11	14.00	50.68	33.23	8.18	7.98	6.5	3.556	97.4	4.3	3.2	1.0
349	5/13/2014 0:31:11	14.12	50.65	33.21	8.15	7.98	6.6	3.464	97.4	5.3	4.0	1.2
350	5/13/2014 0:46:11	14.95	50.42	33.07	8.01	7.98	6.0	3.357	97.2	4.0	3.0	0.9
351	5/13/2014 1:01:11	15.28	50.37	33.04	8.03	7.98	9.1	3.252	98.0	3.7	2.8	0.9
352	5/13/2014 1:16:11	15.22	50.43	33.08	8.08	7.98	9.2	3.143	98.5	3.9	2.9	0.9
353	5/13/2014 1:31:11	15.36	50.41	33.07	8.00	7.98	8.0	3.032	97.8	4.8	3.6	1.1
354	5/13/2014 1:46:11	15.61	50.19	32.92	7.91	7.97	8.3	2.910	97.2	3.8	2.9	0.9
355	5/13/2014 2:01:11	15.65	50.30	32.99	7.85	7.96	9.4	2.802	96.5	3.8	2.9	0.9
356	5/13/2014 2:16:11	16.17	50.25	32.97	7.64	7.95	8.7	2.674	94.9	3.1	2.3	0.7
357	5/13/2014 2:31:11	16.57	50.15	32.91	7.45	7.94	9.9	2.560	93.2	2.5	1.9	0.6
358	5/13/2014 2:46:11	16.75	50.16	32.91	7.39	7.94	9.2	2.429	92.8	2.5	1.9	0.6
359	5/13/2014 3:01:11	16.75	50.20	32.94	7.54	7.95	12.2	2.297	94.8	3.2	2.4	0.8
360	5/13/2014 3:16:11	17.01	49.96	32.77	7.48	7.96	9.6	2.161	94.3	3.0	2.3	0.7
361	5/13/2014 3:31:11	17.22	49.95	32.76	7.49	7.98	9.8	2.038	94.9	2.9	2.2	0.7
362	5/13/2014 3:46:11	17.39	50.00	32.80	7.58	7.98	10.8	1.905	96.3	3.0	2.3	0.7
363	5/13/2014 4:01:11	17.48	50.02	32.82	7.58	7.97	10.1	1.775	96.5	3.5	2.6	0.8
364	5/13/2014 4:16:11	17.90	49.73	32.61	7.64	7.99	9.5	1.644	97.9	3.3	2.5	0.8
365	5/13/2014 4:31:10	18.23	49.75	32.62	7.73	8.00	10.0	1.537	99.7	4.0	3.0	0.9
366	5/13/2014 4:46:10	18.38	49.74	32.62	7.70	8.00	8.9	1.442	99.5	3.1	2.3	0.7
367	5/13/2014 5:01:10	18.47	49.72	32.61	7.68	8.00	13.3	1.359	99.5	3.6	2.7	0.8
368	5/13/2014 5:16:11	18.50	49.75	32.62	7.67	8.00	13.4	1.306	99.4	3.7	2.8	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
369	5/13/2014 5:31:10	18.49	49.68	32.57	7.65	8.00	12.5	1.283	99.2	3.3	2.5	0.8
370	5/13/2014 5:46:11	18.43	49.84	32.69	7.54	7.99	10.4	1.297	97.6	3.7	2.8	0.9
371	5/13/2014 6:01:11	18.38	49.74	32.62	7.65	7.99	8.6	1.326	98.9	3.0	2.3	0.7
372	5/13/2014 6:16:10	18.31	49.71	32.59	7.62	7.99	8.3	1.371	98.4	2.9	2.2	0.7
373	5/13/2014 6:31:10	18.24	49.68	32.57	7.63	7.99	7.5	1.450	98.4	3.1	2.3	0.7
374	5/13/2014 6:46:10	18.20	49.71	32.60	7.65	7.99	6.9	1.520	98.5	2.9	2.2	0.7
375	5/13/2014 7:01:10	18.19	49.46	32.41	7.55	7.98	7.3	1.586	97.1	3.5	2.6	0.8
376	5/13/2014 7:16:10	18.16	49.49	32.43	7.55	7.98	8.1	1.671	97.2	6.7	5.0	1.6
377	5/13/2014 7:31:10	18.15	49.48	32.43	7.49	7.97	8.4	1.756	96.4	2.9	2.2	0.7
378	5/13/2014 7:46:11	18.10	49.59	32.51	7.49	7.97	9.0	1.825	96.2	2.9	2.2	0.7
379	5/13/2014 8:01:10	18.06	49.57	32.49	7.48	7.97	9.1	1.910	96.1	2.7	2.0	0.6
380	5/13/2014 8:16:11	17.99	49.72	32.60	7.48	7.97	10.8	1.992	96.1	2.9	2.2	0.7
381	5/13/2014 8:31:11	17.62	49.82	32.67	7.50	7.96	11.0	2.086	95.6	2.7	2.0	0.6
382	5/13/2014 8:46:11	17.54	49.76	32.63	7.47	7.95	10.0	2.187	95.1	2.7	2.0	0.6
383	5/13/2014 9:01:11	17.19	49.99	32.79	7.43	7.94	9.4	2.276	94.0	2.5	1.9	0.6
384	5/13/2014 9:16:11	17.03	50.05	32.84	7.40	7.93	8.1	2.368	93.5	2.2	1.7	0.5
385	5/13/2014 9:31:11	16.92	50.00	32.79	7.42	7.93	8.1	2.468	93.5	2.4	1.8	0.6
386	5/13/2014 9:46:11	16.89	50.05	32.83	7.42	7.93	8.1	2.552	93.4	3.3	2.5	0.8
387	5/13/2014 10:01:11	16.67	50.00	32.80	7.46	7.93	8.3	2.646	93.5	2.7	2.0	0.6
388	5/13/2014 10:16:11	16.46	50.14	32.89	7.51	7.93	8.7	2.729	93.8	2.8	2.1	0.7
389	5/13/2014 10:31:11	16.17	50.22	32.95	7.49	7.93	9.5	2.809	93.1	2.8	2.1	0.7
390	5/13/2014 10:46:11	15.87	50.04	32.81	7.60	7.93	12.6	2.892	93.7	2.8	2.1	0.7
391	5/13/2014 11:01:11	15.68	50.17	32.90	7.67	7.94	10.8	2.968	94.3	2.8	2.1	0.7
392	5/13/2014 11:16:11	15.51	50.32	33.01	7.73	7.94	9.3	3.037	94.8	3.1	2.3	0.7
393	5/13/2014 11:31:11	14.67	50.49	33.12	7.93	7.95	8.9	3.099	95.7	3.9	2.9	0.9
394	5/13/2014 11:46:11	14.30	50.61	33.19	8.10	7.96	7.0	3.151	97.0	3.5	2.6	0.8
395	5/13/2014 12:01:11	14.09	50.55	33.14	8.22	7.97	5.8	3.193	98.1	6.4	4.8	1.5
396	5/13/2014 12:16:11	14.00	50.59	33.17	8.31	7.98	4.8	3.225	99.0	5.7	4.3	1.3
397	5/13/2014 12:31:11	14.51	50.04	32.78	8.26	7.97	4.7	3.233	99.2	4.5	3.4	1.1
398	5/13/2014 12:46:11	14.15	50.38	33.02	8.15	7.97	5.1	3.231	97.3	4.0	3.0	0.9
399	5/13/2014 13:01:11	14.07	50.40	33.03	8.20	7.97	5.0	3.208	97.7	2.7	2.0	0.6
400	5/13/2014 13:16:11	14.18	50.58	33.17	8.16	7.97	5.7	3.157	97.5	2.4	1.8	0.6
401	5/13/2014 13:31:11	15.33	50.32	33.01	8.03	7.97	6.6	3.088	98.1	3.0	2.3	0.7
402	5/13/2014 13:46:11	15.81	50.09	32.84	8.00	7.97	11.1	3.019	98.6	3.9	2.9	0.9
403	5/13/2014 14:01:11	16.39	50.25	32.97	8.05	7.98	8.5	2.946	100.4	2.8	2.1	0.7
404	5/13/2014 14:16:11	16.59	50.25	32.97	8.11	7.98	9.5	2.855	101.6	2.9	2.2	0.7
405	5/13/2014 14:31:11	17.08	50.13	32.89	8.19	7.99	8.4	2.764	103.5	1.9	1.4	0.4
406	5/13/2014 14:46:11	17.46	50.09	32.87	8.32	8.00	7.5	2.677	105.9	2.5	1.9	0.6
407	5/13/2014 15:01:11	17.52	50.13	32.89	8.25	8.00	7.0	2.597	105.1	2.5	1.9	0.6
408	5/13/2014 15:16:11	18.06	49.95	32.77	8.37	8.01	6.7	2.519	107.7	1.9	1.4	0.4
409	5/13/2014 15:31:10	18.45	49.83	32.68	8.47	8.02	7.5	2.427	109.8	2.8	2.1	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
410	5/13/2014 15:46:10	18.80	49.89	32.73	8.78	8.04	6.4	2.343	114.6	2.5	1.9	0.6
411	5/13/2014 16:01:10	19.08	49.85	32.70	8.92	8.05	5.7	2.279	117.0	2.9	2.2	0.7
412	5/13/2014 16:16:10	19.38	49.97	32.79	10.42	8.13	6.8	2.204	137.5	2.8	2.1	0.7
413	5/13/2014 16:31:10	19.68	49.88	32.72	10.25	8.15	5.7	2.135	136.0	3.4	2.6	0.8
414	5/13/2014 16:46:10	19.76	49.92	32.75	10.01	8.13	5.2	2.081	133.0	2.5	1.9	0.6
415	5/13/2014 17:01:10	19.85	49.99	32.80	10.19	8.14	5.0	2.045	135.7	3.0	2.3	0.7
416	5/13/2014 17:16:10	19.87	49.94	32.77	9.86	8.12	4.0	2.028	131.2	2.6	2.0	0.6
417	5/13/2014 17:31:10	19.80	49.97	32.79	10.07	8.13	5.6	2.003	133.9	2.5	1.9	0.6
418	5/13/2014 17:46:10	19.46	49.90	32.74	9.55	8.09	5.3	2.018	126.1	2.9	2.2	0.7
419	5/13/2014 18:01:10	19.41	49.80	32.66	9.51	8.08	5.8	2.056	125.4	2.7	2.0	0.6
420	5/13/2014 18:16:10	19.42	49.82	32.68	9.35	8.08	6.3	2.089	123.3	3.6	2.7	0.8
421	5/13/2014 18:31:10	19.42	49.87	32.71	9.25	8.07	6.2	2.145	122.1	3.6	2.7	0.8
422	5/13/2014 18:46:10	19.09	49.76	32.63	9.00	8.05	7.5	2.216	117.9	3.1	2.3	0.7
423	5/13/2014 19:01:10	19.35	49.72	32.60	8.83	8.03	6.4	2.292	116.3	3.8	2.9	0.9
424	5/13/2014 19:16:10	19.10	49.82	32.67	8.76	8.02	7.0	2.372	114.9	3.6	2.7	0.8
425	5/13/2014 19:31:10	18.81	49.99	32.80	8.71	8.02	7.1	2.453	113.7	2.6	2.0	0.6
426	5/13/2014 19:46:10	18.33	49.87	32.71	8.51	8.00	6.7	2.536	110.0	3.2	2.4	0.8
427	5/13/2014 20:01:10	17.68	50.16	32.92	8.29	7.98	6.8	2.618	106.1	3.0	2.3	0.7
428	5/13/2014 20:16:11	17.39	50.16	32.92	8.15	7.97	7.3	2.698	103.7	3.0	2.3	0.7
429	5/13/2014 20:31:11	16.96	50.21	32.95	8.05	7.96	7.3	2.783	101.6	2.6	2.0	0.6
430	5/13/2014 20:46:11	16.64	50.21	32.94	8.08	7.96	7.0	2.874	101.3	3.7	2.8	0.9
431	5/13/2014 21:01:11	16.32	50.35	33.04	8.14	7.96	8.7	2.957	101.5	4.0	3.0	0.9
432	5/13/2014 21:16:11	15.92	50.23	32.95	8.25	7.97	10.3	3.053	102.0	3.5	2.6	0.8
433	5/13/2014 21:31:11	15.50	50.29	32.99	8.38	7.98	11.7	3.149	102.7	7.0	5.3	1.7
434	5/13/2014 21:46:11	14.96	50.54	33.15	8.48	7.98	12.5	3.244	103.0	5.3	4.0	1.2
435	5/13/2014 22:01:11	14.58	50.57	33.17	8.53	7.99	11.9	3.341	102.8	5.3	4.0	1.2
436	5/13/2014 22:16:11	14.16	50.62	33.19	8.55	7.99	9.5	3.436	102.2	7.3	5.5	1.7
437	5/13/2014 22:31:11	13.68	50.56	33.13	8.66	8.00	8.6	3.523	102.5	8.7	6.5	2.1
438	5/13/2014 22:46:11	13.22	50.76	33.26	8.77	8.01	7.6	3.610	102.9	5.8	4.4	1.4
439	5/13/2014 23:01:11	12.99	50.89	33.35	8.84	8.01	6.0	3.680	103.3	8.7	6.5	2.0
440	5/13/2014 23:16:11	12.88	50.93	33.38	8.93	8.02	5.4	3.735	104.0	10.2	7.7	2.4
441	5/13/2014 23:31:11	12.88	50.90	33.35	8.92	8.02	5.0	3.785	104.0	9.0	6.8	2.1
442	5/13/2014 23:46:11	12.85	50.66	33.17	8.89	8.02	3.3	3.816	103.4	8.4	6.3	2.0
443	5/14/2014 0:01:11	13.25	50.94	33.39	8.62	8.01	4.2	3.818	101.3	5.1	3.8	1.2
444	5/14/2014 0:16:11	13.02	50.74	33.24	8.65	8.01	4.2	3.795	101.0	3.8	2.9	0.9
445	5/14/2014 0:31:11	12.95	50.72	33.23	8.77	8.02	4.5	3.754	102.2	4.9	3.7	1.1
446	5/14/2014 0:46:11	13.78	50.65	33.20	8.40	7.99	8.4	3.680	99.6	5.7	4.3	1.3
447	5/14/2014 1:01:11	13.67	50.61	33.17	8.47	8.00	5.7	3.591	100.2	6.2	4.7	1.5
448	5/14/2014 1:16:11	14.11	50.49	33.10	8.42	8.00	5.6	3.483	100.5	5.1	3.8	1.2
449	5/14/2014 1:31:11	15.06	50.41	33.06	8.21	7.99	7.0	3.366	99.9	4.7	3.5	1.1
450	5/14/2014 1:46:11	15.50	50.39	33.06	8.19	7.99	9.2	3.250	100.5	4.3	3.2	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
451	5/14/2014 2:01:11	15.40	50.40	33.06	8.16	7.98	8.4	3.144	99.9	2.9	2.2	0.7
452	5/14/2014 2:16:11	15.58	50.38	33.05	8.11	7.98	8.6	3.014	99.6	3.5	2.6	0.8
453	5/14/2014 2:31:11	16.05	50.30	33.00	8.04	7.97	8.3	2.892	99.6	3.7	2.8	0.9
454	5/14/2014 2:46:11	16.01	50.39	33.07	7.98	7.97	7.8	2.773	98.9	4.1	3.1	1.0
455	5/14/2014 3:01:11	16.50	50.22	32.95	7.86	7.97	7.9	2.635	98.3	3.0	2.3	0.7
456	5/14/2014 3:16:11	16.90	50.09	32.86	7.78	7.96	9.6	2.500	97.9	3.2	2.4	0.8
457	5/14/2014 3:31:11	17.25	50.16	32.92	7.82	7.97	10.8	2.355	99.2	4.4	3.3	1.0
458	5/14/2014 3:46:11	16.94	50.24	32.97	7.73	7.96	10.3	2.219	97.4	3.6	2.7	0.8
459	5/14/2014 4:01:11	17.20	50.14	32.90	7.63	7.96	9.7	2.081	96.6	3.5	2.6	0.8
460	5/14/2014 4:16:11	17.60	50.14	32.91	7.78	7.97	11.0	1.933	99.3	3.5	2.6	0.8
461	5/14/2014 4:31:10	18.00	50.02	32.82	7.72	7.97	10.5	1.794	99.2	3.8	2.9	0.9
462	5/14/2014 4:46:10	18.42	49.90	32.74	7.67	7.98	11.7	1.644	99.4	3.3	2.5	0.8
463	5/14/2014 5:01:10	18.91	49.98	32.79	7.73	7.99	17.7	1.506	101.1	3.4	2.6	0.8
464	5/14/2014 5:16:10	19.13	49.88	32.72	7.77	7.99	10.6	1.395	102.0	3.7	2.8	0.9
465	5/14/2014 5:31:10	19.31	49.81	32.67	7.78	8.00	11.7	1.289	102.5	3.7	2.8	0.9
466	5/14/2014 5:46:10	19.30	49.80	32.66	7.74	7.99	14.8	1.186	101.9	3.6	2.7	0.8
467	5/14/2014 6:01:10	19.40	49.77	32.64	7.67	7.99	11.9	1.139	101.1	3.4	2.6	0.8
468	5/14/2014 6:16:10	19.24	49.71	32.59	7.53	7.98	10.0	1.135	99.0	3.2	2.4	0.8
469	5/14/2014 6:31:10	19.32	49.78	32.65	7.65	7.99	9.9	1.124	100.7	3.2	2.4	0.8
470	5/14/2014 6:46:10	19.26	49.54	32.47	7.72	7.99	8.5	1.187	101.4	3.3	2.5	0.8
471	5/14/2014 7:01:10	19.16	49.90	32.73	7.68	7.98	8.3	1.272	100.9	3.1	2.3	0.7
472	5/14/2014 7:16:10	19.15	49.85	32.70	7.72	7.98	7.2	1.340	101.4	2.9	2.2	0.7
473	5/14/2014 7:31:10	19.07	49.78	32.65	7.72	7.98	7.2	1.415	101.2	2.8	2.1	0.6
474	5/14/2014 7:46:10	19.09	49.48	32.43	7.53	7.96	8.4	1.498	98.6	2.9	2.2	0.7
475	5/14/2014 8:01:10	19.05	49.46	32.41	7.53	7.96	8.7	1.598	98.5	3.0	2.3	0.7
476	5/14/2014 8:16:10	19.02	49.51	32.45	7.46	7.96	9.6	1.671	97.6	2.9	2.2	0.7
477	5/14/2014 8:31:10	19.00	49.49	32.44	7.42	7.95	9.4	1.754	97.0	2.6	2.0	0.6
478	5/14/2014 8:46:10	18.94	49.40	32.37	7.45	7.95	9.7	1.853	97.3	3.2	2.4	0.8
479	5/14/2014 9:01:10	18.75	49.60	32.51	7.52	7.96	11.3	1.946	97.9	2.8	2.1	0.7
480	5/14/2014 9:16:10	18.59	49.72	32.60	7.54	7.95	9.5	2.042	97.9	2.8	2.1	0.7
481	5/14/2014 9:31:10	18.09	49.96	32.78	7.53	7.94	8.3	2.144	96.9	2.3	1.7	0.5
482	5/14/2014 9:46:11	17.85	50.12	32.89	7.55	7.94	8.7	2.254	96.8	2.4	1.8	0.6
483	5/14/2014 10:01:11	17.72	50.10	32.87	7.57	7.94	8.4	2.357	96.8	2.4	1.8	0.6
484	5/14/2014 10:16:11	17.64	50.20	32.95	7.59	7.94	9.2	2.456	97.0	2.7	2.0	0.6
485	5/14/2014 10:31:11	17.39	50.20	32.95	7.60	7.94	9.7	2.555	96.7	2.7	2.0	0.6
486	5/14/2014 10:46:11	17.14	50.11	32.88	7.62	7.94	10.1	2.650	96.4	3.4	2.6	0.8
487	5/14/2014 11:01:10	16.89	50.10	32.87	7.64	7.94	11.4	2.740	96.3	3.4	2.6	0.8
488	5/14/2014 11:16:11	16.49	50.28	33.00	7.77	7.94	13.9	2.821	97.2	3.0	2.3	0.7
489	5/14/2014 11:31:11	16.30	50.25	32.97	7.82	7.94	11.8	2.903	97.3	4.6	3.5	1.1
490	5/14/2014 11:46:11	15.70	50.37	33.05	7.92	7.95	11.7	2.989	97.5	3.8	2.9	0.9
491	5/14/2014 12:01:11	14.78	50.44	33.08	8.16	7.96	10.6	3.059	98.7	6.7	5.0	1.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
492	5/14/2014 12:16:11	14.45	50.62	33.20	8.33	7.98	10.2	3.125	100.1	4.6	3.5	1.1
493	5/14/2014 12:31:11	14.28	50.50	33.11	8.43	7.99	7.4	3.193	101.0	5.2	3.9	1.2
494	5/14/2014 12:46:11	14.19	50.70	33.25	8.45	7.99	6.3	3.251	101.1	8.2	6.2	1.9
495	5/14/2014 13:01:11	14.12	50.65	33.22	8.55	8.00	5.7	3.285	102.1	4.1	3.1	1.0
496	5/14/2014 13:16:11	14.11	50.68	33.23	8.32	7.99	3.9	3.305	99.4	5.8	4.4	1.4
497	5/14/2014 13:31:11	14.40	50.48	33.10	8.25	7.98	5.1	3.316	99.0	5.5	4.1	1.3
498	5/14/2014 13:46:11	14.21	50.65	33.21	8.40	7.99	5.2	3.292	100.6	4.4	3.3	1.0
499	5/14/2014 14:01:11	14.27	50.66	33.22	8.38	7.99	5.3	3.245	100.4	5.4	4.1	1.3
500	5/14/2014 14:16:11	14.52	50.40	33.04	8.38	7.99	6.8	3.173	100.8	4.7	3.5	1.1
501	5/14/2014 14:31:11	15.46	50.62	33.23	8.53	8.00	9.2	3.099	104.7	3.3	2.5	0.8
502	5/14/2014 14:46:11	16.39	50.34	33.04	8.41	8.00	10.4	3.029	105.0	3.6	2.7	0.8
503	5/14/2014 15:01:11	16.64	50.28	33.00	8.40	8.00	9.7	2.926	105.3	4.3	3.2	1.0
504	5/14/2014 15:16:10	17.47	50.17	32.93	8.48	8.01	8.0	2.829	108.0	2.7	2.0	0.6
505	5/14/2014 15:31:11	18.44	50.10	32.88	8.69	8.03	10.3	2.752	112.7	4.1	3.1	1.0
506	5/14/2014 15:46:11	18.27	50.05	32.84	8.53	8.01	7.3	2.667	110.2	3.1	2.3	0.7
507	5/14/2014 16:01:10	18.64	50.12	32.89	8.66	8.02	6.1	2.591	112.7	2.6	2.0	0.6
508	5/14/2014 16:16:10	18.96	50.07	32.86	8.80	8.03	6.4	2.501	115.2	2.7	2.0	0.6
509	5/14/2014 16:31:10	19.46	49.96	32.78	8.90	8.04	7.0	2.427	117.5	3.2	2.4	0.8
510	5/14/2014 16:46:10	19.70	49.99	32.80	9.01	8.05	6.2	2.366	119.5	2.9	2.2	0.7
511	5/14/2014 17:01:10	19.95	49.83	32.68	9.30	8.07	6.2	2.290	124.0	9.9	7.4	2.3
512	5/14/2014 17:16:10	20.28	50.01	32.81	10.10	8.15	6.4	2.227	135.5	6.6	5.0	1.5
513	5/14/2014 17:31:10	20.45	49.79	32.65	9.88	8.12	5.9	2.173	132.9	2.7	2.0	0.6
514	5/14/2014 17:46:10	20.51	49.66	32.55	9.93	8.14	5.2	2.142	133.5	2.7	2.0	0.6
515	5/14/2014 18:01:10	20.50	49.99	32.80	9.54	8.10	5.7	2.110	128.5	3.2	2.4	0.7
516	5/14/2014 18:16:10	20.29	49.87	32.71	9.47	8.10	7.1	2.097	127.0	3.1	2.3	0.7
517	5/14/2014 18:31:10	20.03	49.91	32.74	9.55	8.09	6.5	2.110	127.4	3.3	2.5	0.8
518	5/14/2014 18:46:10	20.10	49.82	32.67	9.62	8.09	9.2	2.147	128.6	3.5	2.6	0.8
519	5/14/2014 19:01:10	20.13	49.96	32.78	9.34	8.08	7.9	2.187	124.9	4.3	3.2	1.0
520	5/14/2014 19:16:10	19.89	50.03	32.83	9.13	8.05	8.4	2.240	121.6	3.1	2.3	0.7
521	5/14/2014 19:31:10	19.81	49.95	32.77	8.86	8.03	8.7	2.324	117.8	3.2	2.4	0.8
522	5/14/2014 19:46:10	19.92	49.85	32.70	8.79	8.02	8.3	2.402	117.1	3.9	2.9	0.9
523	5/14/2014 20:01:10	19.43	50.03	32.83	8.84	8.02	7.9	2.484	116.7	3.7	2.8	0.9
524	5/14/2014 20:16:10	18.97	50.03	32.83	8.74	8.01	7.5	2.566	114.4	3.3	2.5	0.8
525	5/14/2014 20:31:10	18.22	50.16	32.93	8.62	8.00	7.6	2.659	111.4	5.1	3.8	1.2
526	5/14/2014 20:46:10	17.74	50.13	32.90	8.38	7.98	8.5	2.740	107.3	4.8	3.6	1.1
527	5/14/2014 21:01:11	17.14	50.30	33.02	8.24	7.97	7.9	2.818	104.4	3.8	2.9	0.9
528	5/14/2014 21:16:11	16.82	50.21	32.95	8.28	7.97	8.3	2.917	104.2	3.3	2.5	0.8
529	5/14/2014 21:31:11	16.49	50.31	33.02	8.36	7.98	9.1	3.003	104.5	6.7	5.0	1.6
530	5/14/2014 21:46:11	15.88	50.46	33.12	8.53	7.99	10.6	3.096	105.4	5.9	4.4	1.4
531	5/14/2014 22:01:11	15.38	50.45	33.10	8.61	7.99	13.1	3.194	105.4	7.0	5.3	1.7
532	5/14/2014 22:16:11	14.86	50.60	33.20	8.75	8.00	11.4	3.293	106.1	7.3	5.5	1.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
533	5/14/2014 22:31:11	14.37	50.71	33.27	8.83	8.01	10.2	3.391	106.0	7.3	5.5	1.7
534	5/14/2014 22:46:11	13.79	50.78	33.30	8.89	8.01	10.6	3.492	105.5	7.4	5.6	1.7
535	5/14/2014 23:01:11	13.39	50.72	33.24	9.06	8.03	8.3	3.584	106.7	12.0	9.0	2.8
536	5/14/2014 23:16:11	13.11	50.97	33.41	9.06	8.03	8.9	3.674	106.1	8.3	6.2	1.9
537	5/14/2014 23:31:11	12.91	50.88	33.34	9.13	8.03	6.5	3.747	106.5	11.3	8.5	2.7
538	5/14/2014 23:46:11	12.83	50.93	33.37	9.14	8.04	5.7	3.810	106.5	11.6	8.7	2.7
539	5/15/2014 0:01:11	12.76	50.72	33.21	9.16	8.04	4.7	3.864	106.4	12.8	9.6	3.0
540	5/15/2014 0:16:11	12.62	50.88	33.33	9.06	8.04	5.0	3.904	105.0	9.3	7.0	2.2
541	5/15/2014 0:31:11	12.59	50.92	33.35	9.02	8.03	2.5	3.919	104.5	27.4	20.6	6.5
542	5/15/2014 0:46:11	12.98	50.93	33.38	8.83	8.02	3.9	3.909	103.1	6.9	5.2	1.6
543	5/15/2014 1:01:11	12.91	51.02	33.44	8.84	8.03	3.5	3.880	103.1	6.3	4.7	1.5
544	5/15/2014 1:16:11	13.00	50.90	33.36	8.78	8.02	4.4	3.827	102.6	7.1	5.3	1.7
545	5/15/2014 1:31:11	13.44	50.70	33.23	8.70	8.01	5.2	3.753	102.5	8.0	6.0	1.9
546	5/15/2014 1:46:11	13.89	50.69	33.23	8.60	8.01	7.3	3.646	102.2	7.4	5.6	1.7
547	5/15/2014 2:01:11	14.48	50.59	33.18	8.47	8.01	5.9	3.544	101.9	9.0	6.8	2.1
548	5/15/2014 2:16:11	14.57	50.66	33.23	8.42	8.00	7.1	3.435	101.5	6.5	4.9	1.5
549	5/15/2014 2:31:11	15.12	50.51	33.14	8.37	8.00	8.8	3.300	102.0	4.3	3.2	1.0
550	5/15/2014 2:46:11	15.30	50.55	33.17	8.28	7.99	7.8	3.177	101.2	4.9	3.7	1.1
551	5/15/2014 3:01:11	16.17	50.36	33.05	8.13	7.98	9.7	3.051	101.1	4.2	3.2	1.0
552	5/15/2014 3:16:11	16.49	50.40	33.09	8.15	7.99	10.9	2.915	102.0	3.8	2.9	0.9
553	5/15/2014 3:31:11	16.68	50.19	32.93	8.05	7.98	9.7	2.787	101.0	4.9	3.7	1.2
554	5/15/2014 3:46:11	16.82	50.35	33.05	8.03	7.98	10.4	2.650	101.0	4.2	3.2	1.0
555	5/15/2014 4:01:11	17.38	50.20	32.95	7.88	7.98	11.2	2.504	100.2	4.1	3.1	1.0
556	5/15/2014 4:16:11	17.01	50.34	33.05	7.89	7.97	11.4	2.349	99.7	3.9	2.9	0.9
557	5/15/2014 4:31:11	17.20	50.26	32.99	7.80	7.97	16.2	2.215	98.8	3.5	2.6	0.8
558	5/15/2014 4:46:11	17.35	50.23	32.97	7.82	7.97	12.0	2.063	99.4	4.7	3.5	1.1
559	5/15/2014 5:01:11	18.10	50.05	32.84	7.73	7.98	11.9	1.910	99.5	4.0	3.0	0.9
560	5/15/2014 5:16:10	18.40	49.99	32.80	7.55	7.97	13.9	1.740	97.8	3.2	2.4	0.8
561	5/15/2014 5:31:10	18.91	50.03	32.83	7.52	7.97	12.3	1.610	98.4	3.2	2.4	0.7
562	5/15/2014 5:46:11	19.15	49.94	32.76	7.53	7.97	11.9	1.465	98.9	3.5	2.6	0.8
563	5/15/2014 6:01:10	19.29	49.84	32.69	7.50	7.97	10.9	1.336	98.7	3.2	2.4	0.7
564	5/15/2014 6:16:10	19.52	49.78	32.65	7.50	7.97	10.4	1.218	99.1	3.1	2.3	0.7
565	5/15/2014 6:31:10	19.61	49.93	32.76	7.41	7.97	15.2	1.123	98.2	3.5	2.6	0.8
566	5/15/2014 6:46:10	19.74	49.90	32.73	7.41	7.98	9.2	1.064	98.4	3.1	2.3	0.7
567	5/15/2014 7:01:10	19.57	49.90	32.74	7.22	7.96	9.5	1.040	95.6	3.5	2.6	0.8
568	5/15/2014 7:16:10	19.68	49.83	32.68	7.41	7.97	9.2	1.084	98.3	3.2	2.4	0.8
569	5/15/2014 7:31:10	19.58	49.93	32.76	7.43	7.97	8.9	1.140	98.3	3.3	2.5	0.8
570	5/15/2014 7:46:10	19.53	49.83	32.68	7.41	7.97	8.6	1.224	98.0	3.2	2.4	0.8
571	5/15/2014 8:01:10	19.56	49.90	32.73	7.45	7.97	8.1	1.316	98.6	3.1	2.3	0.7
572	5/15/2014 8:16:10	19.47	49.67	32.56	7.38	7.96	9.8	1.406	97.5	3.0	2.3	0.7
573	5/15/2014 8:31:10	19.49	49.53	32.46	7.20	7.94	9.4	1.481	95.0	3.6	2.7	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
574	5/15/2014 8:46:10	19.43	49.53	32.47	7.21	7.94	9.3	1.570	95.0	2.7	2.0	0.6
575	5/15/2014 9:01:10	19.41	49.45	32.40	7.19	7.94	9.8	1.662	94.8	3.0	2.3	0.7
576	5/15/2014 9:16:10	19.31	49.62	32.53	7.23	7.94	9.9	1.739	95.1	3.0	2.3	0.7
577	5/15/2014 9:31:10	19.19	49.50	32.44	7.28	7.94	10.7	1.838	95.5	2.8	2.1	0.7
578	5/15/2014 9:46:10	19.03	49.84	32.69	7.31	7.95	10.7	1.939	95.8	2.9	2.2	0.7
579	5/15/2014 10:01:11	18.44	50.09	32.88	7.39	7.94	10.3	2.046	95.8	2.8	2.1	0.7
580	5/15/2014 10:16:10	18.29	49.98	32.79	7.43	7.94	8.8	2.153	96.0	3.1	2.3	0.7
581	5/15/2014 10:31:11	18.22	50.19	32.95	7.45	7.94	9.7	2.266	96.3	2.6	2.0	0.6
582	5/15/2014 10:46:11	18.06	50.10	32.88	7.51	7.94	9.7	2.375	96.7	3.3	2.5	0.8
583	5/15/2014 11:01:11	17.89	50.23	32.97	7.54	7.94	11.1	2.487	96.8	2.9	2.2	0.7
584	5/15/2014 11:16:11	17.55	50.23	32.97	7.58	7.94	12.2	2.584	96.7	3.4	2.6	0.8
585	5/15/2014 11:31:11	17.32	50.23	32.97	7.61	7.94	12.1	2.678	96.7	3.7	2.8	0.9
586	5/15/2014 11:46:11	16.97	50.24	32.97	7.68	7.94	14.5	2.784	96.9	3.2	2.4	0.7
587	5/15/2014 12:01:11	16.58	50.30	33.01	7.80	7.95	19.1	2.874	97.7	4.6	3.5	1.1
588	5/15/2014 12:16:11	16.16	50.44	33.11	7.91	7.95	14.4	2.960	98.3	4.5	3.4	1.0
589	5/15/2014 12:31:11	15.18	50.27	32.97	8.05	7.96	15.4	3.049	98.0	5.6	4.2	1.3
590	5/15/2014 12:46:11	14.32	50.58	33.17	8.20	7.97	12.3	3.127	98.3	5.1	3.8	1.2
591	5/15/2014 13:01:11	14.12	50.69	33.24	8.22	7.98	10.5	3.202	98.1	4.7	3.5	1.1
592	5/15/2014 13:16:11	14.04	50.75	33.28	8.25	7.98	9.0	3.270	98.5	6.4	4.8	1.5
593	5/15/2014 13:31:11	13.96	50.70	33.24	8.28	7.99	8.7	3.326	98.6	7.3	5.5	1.7
594	5/15/2014 13:46:11	13.86	50.76	33.29	8.33	7.99	7.0	3.366	99.0	7.1	5.3	1.7
595	5/15/2014 14:01:11	13.78	50.65	33.20	8.27	7.99	5.4	3.397	98.1	4.5	3.4	1.1
596	5/15/2014 14:16:11	14.17	50.74	33.28	8.21	7.98	12.6	3.385	98.1	3.1	2.3	0.7
597	5/15/2014 14:31:11	13.94	50.67	33.22	8.24	7.99	5.9	3.365	98.0	6.5	4.9	1.5
598	5/15/2014 14:46:11	13.89	50.69	33.23	8.29	7.99	5.3	3.329	98.5	5.0	3.8	1.2
599	5/15/2014 15:01:11	14.96	50.47	33.11	8.34	8.00	8.9	3.251	101.2	3.9	2.9	0.9
600	5/15/2014 15:16:11	15.38	50.57	33.19	8.50	8.01	10.3	3.186	104.1	5.4	4.1	1.3
601	5/15/2014 15:31:11	15.93	50.51	33.15	8.87	8.03	6.8	3.097	109.8	3.5	2.6	0.8
602	5/15/2014 15:46:11	16.27	50.47	33.13	8.52	8.01	13.3	3.004	106.2	4.1	3.1	1.0
603	5/15/2014 16:01:11	17.23	50.24	32.98	8.57	8.02	10.5	2.914	108.6	5.9	4.4	1.4
604	5/15/2014 16:16:11	17.75	50.30	33.02	8.56	8.02	8.1	2.829	109.7	4.0	3.0	0.9
605	5/15/2014 16:31:11	17.76	50.08	32.86	8.54	8.01	7.7	2.737	109.3	4.4	3.3	1.0
606	5/15/2014 16:46:10	18.08	50.18	32.94	8.51	8.01	7.0	2.652	109.7	3.1	2.3	0.7
607	5/15/2014 17:01:11	18.25	50.22	32.97	8.65	8.03	6.1	2.577	111.9	3.6	2.7	0.8
608	5/15/2014 17:16:10	18.64	50.07	32.86	8.79	8.03	6.7	2.504	114.4	2.6	2.0	0.6
609	5/15/2014 17:31:11	18.83	50.13	32.90	9.49	8.08	7.7	2.427	124.0	3.4	2.6	0.8
610	5/15/2014 17:46:10	18.87	50.09	32.87	9.68	8.11	6.4	2.354	126.5	4.6	3.5	1.1
611	5/15/2014 18:01:10	19.30	49.96	32.78	9.71	8.10	6.4	2.299	127.9	3.3	2.5	0.8
612	5/15/2014 18:16:10	19.64	50.00	32.81	9.20	8.08	7.1	2.257	122.0	3.8	2.9	0.9
613	5/15/2014 18:31:10	19.77	49.99	32.80	9.16	8.08	5.7	2.197	121.7	3.7	2.8	0.9
614	5/15/2014 18:46:10	19.78	49.99	32.80	9.48	8.10	5.4	2.192	126.0	3.5	2.6	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
615	5/15/2014 19:01:10	19.75	49.87	32.71	9.15	8.07	6.1	2.201	121.5	4.1	3.1	1.0
616	5/15/2014 19:16:10	19.37	49.91	32.74	8.79	8.03	6.1	2.195	116.0	3.2	2.4	0.8
617	5/15/2014 19:31:10	19.34	50.00	32.81	8.96	8.05	9.0	2.233	118.1	3.8	2.9	0.9
618	5/15/2014 19:46:10	19.32	49.90	32.73	8.83	8.04	9.5	2.287	116.3	3.5	2.6	0.8
619	5/15/2014 20:01:10	19.15	49.93	32.76	8.67	8.02	9.2	2.346	113.9	4.1	3.1	1.0
620	5/15/2014 20:16:10	19.17	50.03	32.83	8.52	8.01	10.9	2.421	112.0	4.1	3.1	1.0
621	5/15/2014 20:31:10	19.06	49.97	32.79	8.44	8.00	9.0	2.508	110.7	4.2	3.2	1.0
622	5/15/2014 20:46:11	18.75	50.08	32.87	8.46	8.00	9.1	2.579	110.4	3.8	2.9	0.9
623	5/15/2014 21:01:11	18.03	50.24	32.99	8.43	7.99	9.1	2.662	108.5	4.7	3.5	1.1
624	5/15/2014 21:16:10	17.43	50.25	32.99	8.35	7.99	7.8	2.748	106.3	4.9	3.7	1.1
625	5/15/2014 21:31:11	17.03	50.32	33.04	8.26	7.98	7.8	2.833	104.4	5.1	3.8	1.2
626	5/15/2014 21:46:11	16.50	50.38	33.07	8.19	7.97	7.8	2.923	102.5	5.4	4.1	1.3
627	5/15/2014 22:01:11	16.25	50.41	33.08	8.21	7.98	7.8	3.007	102.3	4.8	3.6	1.1
628	5/15/2014 22:16:11	15.78	50.48	33.13	8.28	7.98	8.6	3.104	102.2	6.0	4.5	1.4
629	5/15/2014 22:31:11	15.23	50.55	33.17	8.36	7.98	10.1	3.198	102.1	4.5	3.4	1.1
630	5/15/2014 22:46:11	14.66	50.53	33.14	8.49	7.99	10.0	3.294	102.5	8.1	6.1	1.9
631	5/15/2014 23:01:11	14.07	50.69	33.24	8.76	8.01	10.8	3.393	104.5	9.2	6.9	2.2
632	5/15/2014 23:16:11	13.63	50.75	33.27	8.86	8.02	10.1	3.494	104.8	10.5	7.9	2.5
633	5/15/2014 23:31:11	13.25	50.68	33.20	9.02	8.03	9.0	3.589	105.8	10.3	7.7	2.4
634	5/15/2014 23:46:11	12.95	50.83	33.30	9.11	8.04	9.2	3.672	106.2	7.6	5.7	1.8
635	5/16/2014 0:01:11	12.55	50.94	33.36	9.27	8.05	6.0	3.757	107.3	12.6	9.5	3.0
636	5/16/2014 0:16:11	12.42	50.84	33.29	9.34	8.06	5.1	3.836	107.7	10.3	7.7	2.4
637	5/16/2014 0:31:11	12.33	50.71	33.19	9.39	8.06	4.1	3.889	108.1	18.1	13.6	4.3
638	5/16/2014 0:46:11	12.33	50.84	33.28	9.39	8.06	5.0	3.941	108.1	9.4	7.1	2.2
639	5/16/2014 1:01:11	12.29	50.75	33.22	9.35	8.06	4.0	3.971	107.5	7.0	5.3	1.6
640	5/16/2014 1:16:11	12.60	50.88	33.32	9.10	8.05	3.7	3.981	105.4	9.9	7.4	2.3
641	5/16/2014 1:31:11	12.53	50.88	33.32	8.94	8.04	2.9	3.974	103.4	11.8	8.9	2.8
642	5/16/2014 1:46:11	12.37	50.92	33.34	9.23	8.05	4.2	3.921	106.4	9.7	7.3	2.3
643	5/16/2014 2:01:12	13.34	50.79	33.29	8.69	8.02	5.9	3.864	102.2	10.7	8.0	2.5
644	5/16/2014 2:16:11	13.01	50.61	33.14	8.88	8.03	5.6	3.783	103.6	9.0	6.8	2.1
645	5/16/2014 2:31:11	13.60	50.75	33.27	8.78	8.03	5.7	3.669	103.9	8.8	6.6	2.1
646	5/16/2014 2:46:11	14.15	50.69	33.24	8.53	8.01	6.4	3.560	102.0	5.5	4.1	1.3
647	5/16/2014 3:01:11	14.75	50.48	33.11	8.35	8.00	8.1	3.444	100.9	5.9	4.4	1.4
648	5/16/2014 3:16:11	14.89	50.56	33.17	8.28	8.00	8.3	3.320	100.4	4.8	3.6	1.1
649	5/16/2014 3:31:11	15.47	50.54	33.16	8.13	7.99	10.0	3.182	99.7	4.5	3.4	1.1
650	5/16/2014 3:46:11	15.77	50.22	32.94	8.11	7.99	8.9	3.054	100.0	5.4	4.1	1.3
651	5/16/2014 4:01:11	15.84	50.32	33.01	8.02	7.98	8.6	2.919	99.1	5.0	3.8	1.2
652	5/16/2014 4:16:11	15.56	50.40	33.07	8.07	7.98	7.9	2.781	99.1	4.6	3.5	1.1
653	5/16/2014 4:31:10	15.69	50.37	33.05	7.95	7.97	8.4	2.629	97.9	5.3	4.0	1.3
654	5/16/2014 4:46:11	16.12	50.39	33.07	7.76	7.96	8.2	2.489	96.4	4.3	3.2	1.0
655	5/16/2014 5:01:11	16.63	50.22	32.96	7.66	7.95	10.6	2.330	96.0	4.0	3.0	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
656	5/16/2014 5:16:11	16.62	50.37	33.06	7.58	7.95	11.2	2.186	95.0	4.6	3.5	1.1
657	5/16/2014 5:31:11	17.08	50.24	32.97	7.48	7.95	12.2	2.044	94.6	4.4	3.3	1.0
658	5/16/2014 5:46:11	17.30	50.32	33.04	7.38	7.94	11.4	1.890	93.8	3.6	2.7	0.9
659	5/16/2014 6:01:11	17.67	50.27	33.00	7.22	7.93	11.9	1.715	92.4	3.5	2.6	0.8
660	5/16/2014 6:16:11	18.18	50.10	32.88	7.17	7.93	11.4	1.566	92.5	3.6	2.7	0.8
661	5/16/2014 6:31:10	18.54	50.09	32.88	7.13	7.93	13.2	1.428	92.7	3.5	2.6	0.8
662	5/16/2014 6:46:10	18.68	49.95	32.77	7.12	7.93	10.6	1.281	92.7	3.2	2.4	0.8
663	5/16/2014 7:01:11	18.88	50.05	32.85	7.04	7.93	10.9	1.157	92.1	3.5	2.6	0.8
664	5/16/2014 7:16:11	19.08	50.07	32.86	6.97	7.93	14.6	1.060	91.5	3.3	2.5	0.8
665	5/16/2014 7:31:10	18.98	50.07	32.86	6.95	7.92	11.0	0.994	91.1	3.4	2.6	0.8
666	5/16/2014 7:46:11	18.78	50.06	32.85	6.86	7.91	11.3	0.991	89.5	3.0	2.3	0.7
667	5/16/2014 8:01:10	19.28	49.92	32.75	6.86	7.93	6.9	1.032	90.4	3.6	2.7	0.8
668	5/16/2014 8:16:10	19.24	49.78	32.65	6.96	7.93	6.4	1.114	91.5	3.7	2.8	0.9
669	5/16/2014 8:31:10	19.22	49.82	32.68	6.95	7.93	8.0	1.209	91.4	3.5	2.6	0.8
670	5/16/2014 8:46:10	19.25	49.90	32.74	6.99	7.92	7.6	1.295	91.9	3.1	2.3	0.7
671	5/16/2014 9:01:10	19.20	49.80	32.66	6.94	7.92	8.3	1.374	91.2	3.3	2.5	0.8
672	5/16/2014 9:16:10	19.11	49.62	32.53	6.86	7.91	7.9	1.471	89.9	3.5	2.6	0.8
673	5/16/2014 9:31:10	19.01	49.79	32.65	6.90	7.91	8.2	1.550	90.3	3.4	2.6	0.8
674	5/16/2014 9:46:11	18.99	49.81	32.67	6.85	7.90	8.4	1.621	89.7	3.8	2.9	0.9
675	5/16/2014 10:01:11	18.90	49.79	32.66	6.95	7.91	8.3	1.725	90.8	3.3	2.5	0.8
676	5/16/2014 10:16:10	18.71	49.66	32.56	6.96	7.91	9.4	1.826	90.5	2.9	2.2	0.7
677	5/16/2014 10:31:10	18.50	49.73	32.61	6.96	7.91	11.3	1.916	90.2	3.0	2.3	0.7
678	5/16/2014 10:46:10	17.96	50.11	32.89	7.11	7.91	8.7	2.018	91.3	2.8	2.1	0.7
679	5/16/2014 11:01:10	17.86	50.08	32.87	7.19	7.91	8.3	2.133	92.2	3.1	2.3	0.7
680	5/16/2014 11:16:10	17.80	50.12	32.90	7.23	7.92	8.8	2.252	92.6	3.3	2.5	0.8
681	5/16/2014 11:31:11	17.62	50.21	32.96	7.29	7.92	9.5	2.358	93.1	2.9	2.2	0.7
682	5/16/2014 11:46:11	17.53	50.19	32.94	7.37	7.92	8.8	2.461	93.9	3.1	2.3	0.7
683	5/16/2014 12:01:11	17.30	50.28	33.01	7.47	7.93	10.4	2.567	94.9	3.3	2.5	0.8
684	5/16/2014 12:16:11	17.09	50.32	33.04	7.52	7.93	11.1	2.672	95.1	3.0	2.3	0.7
685	5/16/2014 12:31:11	16.85	50.30	33.02	7.58	7.94	12.3	2.758	95.4	4.1	3.1	1.0
686	5/16/2014 12:46:11	16.47	50.31	33.02	7.79	7.95	13.4	2.852	97.4	5.1	3.8	1.2
687	5/16/2014 13:01:11	15.93	50.40	33.07	7.97	7.96	14.2	2.945	98.6	5.7	4.3	1.3
688	5/16/2014 13:16:11	15.04	50.57	33.18	8.22	7.97	15.2	3.024	99.9	7.5	5.6	1.8
689	5/16/2014 13:31:11	14.31	50.42	33.05	8.53	8.00	11.3	3.109	102.2	7.2	5.4	1.7
690	5/16/2014 13:46:11	14.16	50.59	33.17	8.60	8.00	11.2	3.182	102.8	7.7	5.8	1.8
691	5/16/2014 14:01:11	14.04	50.64	33.20	8.79	8.02	9.4	3.256	104.8	7.8	5.9	1.8
692	5/16/2014 14:16:11	13.87	50.59	33.16	8.91	8.03	7.7	3.317	105.9	8.5	6.4	2.0
693	5/16/2014 14:31:11	13.75	50.67	33.21	8.92	8.03	5.1	3.363	105.7	8.2	6.2	1.9
694	5/16/2014 14:46:11	13.63	50.66	33.21	8.92	8.03	4.6	3.392	105.5	7.1	5.3	1.7
695	5/16/2014 15:01:11	14.10	50.61	33.18	8.95	8.04	5.1	3.399	106.8	7.1	5.3	1.7
696	5/16/2014 15:16:11	13.70	50.56	33.13	8.87	8.03	4.7	3.382	104.9	5.9	4.4	1.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
697	5/16/2014 15:31:11	13.72	50.56	33.14	8.89	8.03	5.9	3.337	105.3	7.1	5.3	1.7
698	5/16/2014 15:46:11	14.39	50.59	33.18	8.82	8.03	10.4	3.277	105.9	8.5	6.4	2.0
699	5/16/2014 16:01:11	15.46	50.54	33.17	8.88	8.04	9.8	3.206	109.0	4.7	3.5	1.1
700	5/16/2014 16:16:11	15.66	50.41	33.08	8.97	8.04	14.6	3.110	110.4	7.1	5.3	1.7
701	5/16/2014 16:31:11	15.89	50.48	33.13	9.14	8.05	13.1	3.029	113.0	5.9	4.4	1.4
702	5/16/2014 16:46:11	16.07	50.48	33.13	9.33	8.07	11.5	2.934	115.7	6.2	4.7	1.5
703	5/16/2014 17:01:11	17.00	50.25	32.98	8.83	8.04	12.2	2.842	111.5	5.3	4.0	1.2
704	5/16/2014 17:16:11	17.41	50.06	32.85	8.55	8.02	10.4	2.766	108.6	4.6	3.5	1.1
705	5/16/2014 17:31:11	17.64	50.18	32.93	8.44	8.01	9.1	2.683	107.9	4.7	3.5	1.1
706	5/16/2014 17:46:10	17.56	50.32	33.04	9.61	8.11	9.0	2.606	122.7	4.8	3.6	1.1
707	5/16/2014 18:01:11	17.71	50.39	33.09	9.68	8.11	9.4	2.528	123.9	4.0	3.0	0.9
708	5/16/2014 18:16:11	18.13	50.18	32.94	9.86	8.12	10.3	2.456	127.2	4.1	3.1	1.0
709	5/16/2014 18:31:11	18.44	50.17	32.94	9.37	8.09	11.2	2.397	121.5	4.5	3.4	1.1
710	5/16/2014 18:46:11	18.75	50.27	33.00	9.10	8.08	10.8	2.330	118.8	3.8	2.9	0.9
711	5/16/2014 19:01:11	19.06	50.11	32.89	8.79	8.06	9.0	2.277	115.3	4.2	3.2	1.0
712	5/16/2014 19:16:10	19.22	49.96	32.78	8.78	8.05	8.4	2.250	115.4	4.0	3.0	0.9
713	5/16/2014 19:31:10	19.42	50.04	32.84	8.21	8.01	7.3	2.222	108.5	6.1	4.6	1.4
714	5/16/2014 19:46:10	19.37	50.03	32.83	8.19	8.01	7.6	2.216	108.1	4.5	3.4	1.1
715	5/16/2014 20:01:10	19.42	50.02	32.82	8.10	8.01	6.3	2.231	107.0	5.0	3.8	1.2
716	5/16/2014 20:16:10	19.23	49.90	32.74	8.54	8.04	7.1	2.262	112.3	4.7	3.5	1.1
717	5/16/2014 20:31:10	19.21	49.95	32.77	8.37	8.02	7.2	2.305	110.1	5.0	3.8	1.2
718	5/16/2014 20:46:10	19.32	49.96	32.78	8.30	8.01	8.1	2.363	109.3	5.1	3.8	1.2
719	5/16/2014 21:01:10	19.09	49.98	32.79	8.27	8.00	9.7	2.433	108.5	5.1	3.8	1.2
720	5/16/2014 21:16:11	19.24	50.02	32.82	8.18	8.00	8.5	2.514	107.7	4.7	3.5	1.1
721	5/16/2014 21:31:10	19.05	50.00	32.81	8.22	8.00	8.6	2.598	107.8	4.6	3.5	1.1
722	5/16/2014 21:46:10	18.62	50.03	32.83	8.31	8.00	8.9	2.678	108.2	5.0	3.8	1.2
723	5/16/2014 22:01:10	17.65	50.15	32.92	8.37	8.00		2.755	107.0	5.1	3.8	1.2
724	5/16/2014 22:16:11	17.19	50.22	32.96	8.35	7.99	7.9	2.847	105.8	8.6	6.5	2.0
725	5/16/2014 22:31:11	16.34	50.28	32.99	8.43	7.99	8.1	2.931	105.0	5.3	4.0	1.2
726	5/16/2014 22:46:11	15.97	50.42	33.09	8.50	8.00	7.3	3.018	105.2	6.6	5.0	1.6
727	5/16/2014 23:01:11	15.76	50.25	32.96	8.52	8.00	7.8	3.105	105.0	7.7	5.8	1.8
728	5/16/2014 23:16:11	15.14	50.43	33.08	8.72	8.02	7.8	3.201	106.2	7.5	5.6	1.8
729	5/16/2014 23:31:11	14.66	50.38	33.03	8.85	8.03	9.0	3.300	106.8	7.7	5.8	1.8
730	5/16/2014 23:46:11	14.22	50.46	33.08	9.17	8.05	9.2	3.393	109.6	10.3	7.7	2.4
731	5/17/2014 0:01:11	13.73	50.53	33.11	9.33	8.06	8.7	3.491	110.5	9.0	6.8	2.1
732	5/17/2014 0:16:11	13.40	50.66	33.19	9.46	8.07	6.6	3.572	111.3	10.6	8.0	2.5
733	5/17/2014 0:31:11	13.05	50.70	33.21	9.65	8.09	6.1	3.667	112.8	9.9	7.4	2.3
734	5/17/2014 0:46:11	12.90	50.67	33.18	9.84	8.10	6.7	3.738	114.6	16.5	12.4	3.9
735	5/17/2014 1:01:11	12.80	50.60	33.13	9.88	8.10	3.4	3.804	114.8	22.2	16.7	5.2
736	5/17/2014 1:16:11	12.81	50.67	33.18	9.88	8.10	4.7	3.867	114.9	11.8	8.9	2.8
737	5/17/2014 1:31:11	12.68	50.56	33.09	9.92	8.11	2.9	3.907	115.0	14.3	10.7	3.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
738	5/17/2014 1:46:11	12.62	50.56	33.10	9.92	8.11	3.8	3.938	114.8	18.3	13.7	4.3
739	5/17/2014 2:01:11	12.97	50.63	33.15	9.59	8.09	3.6	3.929	111.8	11.8	8.9	2.8
740	5/17/2014 2:16:11	13.00	50.49	33.06	9.44	8.08	2.8	3.917	110.1	8.7	6.5	2.1
741	5/17/2014 2:31:11	12.90	50.54	33.09	9.27	8.07	2.7	3.892	108.0	9.9	7.4	2.3
742	5/17/2014 2:46:12	13.03	50.58	33.13	9.34	8.08	10.0	3.812	109.1	12.0	9.0	2.8
743	5/17/2014 3:01:12	12.97	50.53	33.08	9.43	8.08	6.2	3.726	110.0	13.7	10.3	3.2
744	5/17/2014 3:16:12	13.24	50.35	32.96	9.33	8.07	7.2	3.634	109.2	10.5	7.9	2.5
745	5/17/2014 3:31:11	14.34	50.38	33.02	8.74	8.04	8.6	3.533	104.7	7.2	5.4	1.7
746	5/17/2014 3:46:11	14.98	50.41	33.06	8.41	8.02	9.5	3.409	102.1	7.0	5.3	1.7
747	5/17/2014 4:01:11	14.77	50.32	32.99	8.59	8.03	10.0	3.275	103.8	6.3	4.7	1.5
748	5/17/2014 4:16:11	14.76	50.43	33.07	8.54	8.02	8.3	3.151	103.2	8.2	6.2	1.9
749	5/17/2014 4:31:11	15.14	50.36	33.03	8.37	8.01	8.2	3.022	101.9	4.9	3.7	1.1
750	5/17/2014 4:46:11	15.68	50.37	33.05	8.11	7.99	9.8	2.890	99.8	6.2	4.7	1.5
751	5/17/2014 5:01:11	16.13	50.26	32.98	7.94	7.98	10.4	2.743	98.6	6.2	4.7	1.4
752	5/17/2014 5:16:11	16.08	50.41	33.08	7.94	7.98	10.9	2.612	98.5	5.7	4.3	1.3
753	5/17/2014 5:31:11	15.81	50.41	33.08	7.99	7.98	10.4	2.465	98.6	6.0	4.5	1.4
754	5/17/2014 5:46:11	16.22	50.28	32.99	7.84	7.98	11.7	2.316	97.5	6.1	4.6	1.4
755	5/17/2014 6:01:11	16.73	50.22	32.95	7.64	7.97	12.9	2.170	95.9	5.8	4.4	1.4
756	5/17/2014 6:16:11	16.79	50.15	32.90	7.49	7.95	13.1	2.014	94.1	5.0	3.8	1.2
757	5/17/2014 6:31:11	16.93	50.22	32.95	7.34	7.94	11.2	1.854	92.5	4.1	3.1	1.0
758	5/17/2014 6:46:11	17.21	50.21	32.96	7.16	7.93	12.3	1.705	90.7	3.8	2.9	0.9
759	5/17/2014 7:01:11	17.68	50.17	32.93	7.04	7.92	12.4	1.540	90.1	3.6	2.7	0.9
760	5/17/2014 7:16:11	17.78	50.20	32.95	7.03	7.92	11.3	1.385	90.0	5.4	4.1	1.3
761	5/17/2014 7:31:11	17.90	50.10	32.88	6.95	7.91	10.3	1.252	89.2	3.9	2.9	0.9
762	5/17/2014 7:46:11	18.17	50.21	32.96	6.82	7.91	9.4	1.138	88.0	3.4	2.6	0.8
763	5/17/2014 8:01:11	18.26	50.21	32.96	6.68	7.90	8.9	1.023	86.4	3.5	2.6	0.8
764	5/17/2014 8:16:11	18.35	50.05	32.84	6.56	7.89	5.9	0.962	84.9	3.8	2.9	0.9
765	5/17/2014 8:31:11	18.29	50.04	32.84	6.69	7.90	6.9	0.971	86.6	3.0	2.3	0.7
766	5/17/2014 8:46:10	18.66	50.01	32.81	6.61	7.91	6.2	1.011	86.1	3.7	2.8	0.9
767	5/17/2014 9:01:11	18.79	50.08	32.87	6.57	7.91	7.1	1.090	85.7	3.7	2.8	0.9
768	5/17/2014 9:16:10	18.86	49.80	32.67	6.54	7.91	7.8	1.179	85.4	4.0	3.0	0.9
769	5/17/2014 9:31:10	18.94	50.02	32.82	6.49	7.91	8.3	1.260	84.9	4.3	3.2	1.0
770	5/17/2014 9:46:10	18.98	49.96	32.78	6.54	7.91	8.6	1.348	85.6	3.8	2.9	0.9
771	5/17/2014 10:01:10	18.88	49.75	32.63	6.47	7.90	9.4	1.426	84.5	3.8	2.9	0.9
772	5/17/2014 10:16:10	18.65	49.97	32.79	6.49	7.89	7.8	1.502	84.4	3.5	2.6	0.8
773	5/17/2014 10:31:11	18.64	49.84	32.69	6.49	7.89	9.5	1.587	84.4	3.6	2.7	0.9
774	5/17/2014 10:46:10	18.57	49.80	32.66	6.59	7.90	10.9	1.678	85.6	4.2	3.2	1.0
775	5/17/2014 11:01:11	18.39	50.02	32.82	6.69	7.90	9.5	1.775	86.6	3.7	2.8	0.9
776	5/17/2014 11:16:11	18.26	49.95	32.77	6.73	7.90	10.7	1.865	86.9	4.6	3.5	1.1
777	5/17/2014 11:31:11	17.82	50.16	32.92	6.97	7.91	10.4	1.973	89.4	4.1	3.1	1.0
778	5/17/2014 11:46:11	17.64	50.19	32.95	7.11	7.92	9.2	2.083	90.9	6.1	4.6	1.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
779	5/17/2014 12:01:11	17.42	50.18	32.94	7.28	7.92	9.5	2.188	92.6	7.5	5.6	1.8
780	5/17/2014 12:16:11	17.31	50.14	32.90	7.32	7.93	9.3	2.300	92.9	9.2	6.9	2.2
781	5/17/2014 12:31:11	17.29	50.15	32.91	7.41	7.93	9.0	2.411	94.0	6.0	4.5	1.4
782	5/17/2014 12:46:11	17.25	50.16	32.92	7.50	7.94	10.3	2.512	95.1	5.8	4.4	1.4
783	5/17/2014 13:01:11	17.07	50.20	32.95	7.68	7.95	11.0	2.612	97.1	7.1	5.3	1.7
784	5/17/2014 13:16:11	16.87	50.19	32.93	7.79	7.96	11.4	2.702	98.1	8.0	6.0	1.9
785	5/17/2014 13:31:11	16.47	50.08	32.85	7.95	7.97	13.1	2.795	99.2	10.8	8.1	2.5
786	5/17/2014 13:46:11	16.24	50.18	32.92	8.16	7.98	14.3	2.875	101.4	7.6	5.7	1.8
787	5/17/2014 14:01:11	15.48	50.26	32.97	8.43	8.00	13.7	2.955	103.3	10.4	7.8	2.5
788	5/17/2014 14:16:11	14.74	50.27	32.95	8.85	8.03	13.0	3.040	106.9	11.5	8.6	2.7
789	5/17/2014 14:31:11	14.46	50.36	33.01	9.09	8.05	12.3	3.108	109.2	8.3	6.2	1.9
790	5/17/2014 14:46:11	14.42	50.49	33.11	9.23	8.06	10.3	3.180	110.9	12.2	9.2	2.9
791	5/17/2014 15:01:11	14.31	50.29	32.95	9.39	8.07	9.1	3.242	112.4	22.5	16.9	5.3
792	5/17/2014 15:16:11	14.11	50.38	33.02	9.37	8.08	6.7	3.295	111.7	14.1	10.6	3.3
793	5/17/2014 15:31:11	13.93	50.36	33.00	9.30	8.08	4.9	3.331	110.5	14.5	10.9	3.4
794	5/17/2014 15:46:11	13.86	50.31	32.96	8.88	8.06	3.9	3.347	105.3	9.8	7.4	2.3
795	5/17/2014 16:01:11	14.15	50.51	33.11	9.11	8.06	5.4	3.348	108.7	12.0	9.0	2.8
796	5/17/2014 16:16:11	13.98	50.45	33.06	9.09	8.06	5.6	3.316	108.2	6.2	4.7	1.5
797	5/17/2014 16:31:11	14.08	50.42	33.04	9.12	8.06	5.9	3.263	108.8	6.2	4.7	1.4
798	5/17/2014 16:46:11	15.07	50.23	32.93	9.11	8.06	6.8	3.194	110.8	5.8	4.4	1.4
799	5/17/2014 17:01:11	15.65	50.25	32.96	9.38	8.08	8.1	3.121	115.4	8.4	6.3	2.0
800	5/17/2014 17:16:11	16.14	50.06	32.83	9.53	8.09	8.1	3.028	118.2	6.6	5.0	1.6
801	5/17/2014 17:31:11	16.61	50.20	32.94	9.19	8.06	9.7	2.935	115.2	6.4	4.8	1.5
802	5/17/2014 17:46:11	16.81	50.13	32.89	9.08	8.06	9.4	2.853	114.1	7.6	5.7	1.8
803	5/17/2014 18:01:11	17.32	50.14	32.90	8.92	8.05	7.8	2.764	113.3	4.4	3.3	1.0
804	5/17/2014 18:16:11	17.15	50.16	32.92	8.71	8.03	6.4	2.686	110.3	4.0	3.0	1.0
805	5/17/2014 18:31:11	17.47	50.15	32.91	8.66	8.03	5.3	2.619	110.3	4.5	3.4	1.1
806	5/17/2014 18:46:11	17.83	50.17	32.93	8.44	8.01	5.9	2.546	108.2	4.8	3.6	1.1
807	5/17/2014 19:01:11	17.99	50.02	32.82	8.25	8.00	6.2	2.476	106.0	3.9	2.9	0.9
808	5/17/2014 19:16:11	18.13	49.94	32.76	8.83	8.05	6.5	2.414	113.8	4.3	3.2	1.0
809	5/17/2014 19:31:11	18.31	49.95	32.77	9.37	8.08	5.8	2.361	121.1	4.2	3.2	1.0
810	5/17/2014 19:46:11	18.39	50.02	32.82	9.21	8.10	5.7	2.303	119.3	5.3	4.0	1.2
811	5/17/2014 20:01:11	18.77	50.09	32.88	8.82	8.06	5.3	2.265	115.1	8.4	6.3	2.0
812	5/17/2014 20:16:10	19.03	49.90	32.73	8.59	8.04	5.1	2.241	112.5	5.2	3.9	1.2
813	5/17/2014 20:31:10	19.11	49.86	32.71	7.86	8.00	5.8	2.224	103.2	7.1	5.3	1.7
814	5/17/2014 20:46:10	18.82	50.10	32.88	8.52	8.04	6.7	2.236	111.3	8.8	6.6	2.1
815	5/17/2014 21:01:10	18.63	50.10	32.88	8.49	8.03	7.3	2.253	110.5	6.4	4.8	1.5
816	5/17/2014 21:16:11	18.61	50.13	32.90	8.53	8.03	9.2	2.285	111.0	5.5	4.1	1.3
817	5/17/2014 21:31:11	18.60	50.10	32.88	8.48	8.02	9.4	2.344	110.3	5.2	3.9	1.2
818	5/17/2014 21:46:10	18.38	50.01	32.82	8.38	8.01	8.3	2.407	108.5	7.2	5.4	1.7
819	5/17/2014 22:01:11	18.59	49.98	32.79	8.16	7.99	9.7	2.486	106.1	5.2	3.9	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
820	5/17/2014 22:16:11	18.24	50.14	32.91	8.25	8.00	8.3	2.556	106.6	5.4	4.1	1.3
821	5/17/2014 22:31:10	17.96	50.02	32.82	8.34	8.00	8.1	2.636	107.2	6.1	4.6	1.4
822	5/17/2014 22:46:10	17.15	50.18	32.93	8.58	8.01	8.1	2.720	108.6	6.0	4.5	1.4
823	5/17/2014 23:01:10	16.60	50.13	32.89	8.61	8.01	7.3	2.791	107.9	7.1	5.3	1.7
824	5/17/2014 23:16:11	16.19	50.34	33.03	8.63	8.02	7.8	2.878	107.2	8.2	6.2	1.9
825	5/17/2014 23:31:11	15.92	50.23	32.95	8.70	8.02	7.3	2.961	107.5	6.8	5.1	1.6
826	5/17/2014 23:46:11	15.69	50.24	32.96	8.74	8.03	7.0	3.046	107.5	8.0	6.0	1.9
827	5/18/2014 0:01:11	15.14	50.32	33.00	8.85	8.04	7.5	3.131	107.7	9.9	7.4	2.3
828	5/18/2014 0:16:11	14.44	50.19	32.89	8.95	8.04	9.1	3.222	107.4	8.5	6.4	2.0
829	5/18/2014 0:31:11	14.04	50.47	33.08	8.97	8.05	8.7	3.311	106.9	11.2	8.4	2.6
830	5/18/2014 0:46:11	13.54	50.52	33.10	9.02	8.06	9.1	3.401	106.4	8.2	6.2	1.9
831	5/18/2014 1:01:11	13.24	50.49	33.07	8.99	8.06	7.2	3.486	105.4	13.9	10.4	3.3
832	5/18/2014 1:16:11	12.92	50.61	33.14	9.00	8.06	6.7	3.565	104.8	12.8	9.6	3.0
833	5/18/2014 1:31:11	12.58	50.51	33.05	8.98	8.06	5.9	3.643	103.8	13.3	10.0	3.1
834	5/18/2014 1:46:11	12.32	50.61	33.11	8.89	8.06	4.9	3.713	102.2	11.6	8.7	2.7
835	5/18/2014 2:01:11	12.18	50.71	33.18	8.87	8.06	4.5	3.763	101.7	11.3	8.5	2.7
836	5/18/2014 2:16:11	12.11	50.59	33.09	8.85	8.06	3.9	3.805	101.4	10.1	7.6	2.4
837	5/18/2014 2:31:11	12.10	50.33	32.90	8.76	8.05	2.7	3.839	100.2	5.4	4.1	1.3
838	5/18/2014 2:46:11	12.42	50.66	33.16	8.55	8.04	3.1	3.842	98.6	8.3	6.2	1.9
839	5/18/2014 3:01:12	12.46	50.65	33.15	8.37	8.03	2.1	3.837	96.6	9.0	6.8	2.1
840	5/18/2014 3:16:11	12.24	50.49	33.02	8.57	8.04	3.1	3.806	98.4	5.9	4.4	1.4
841	5/18/2014 3:31:11	12.33	50.38	32.95	8.55	8.03	3.7	3.747	98.3	9.1	6.8	2.2
842	5/18/2014 3:46:12	13.22	50.52	33.09	8.49	8.03	5.6	3.680	99.5	8.2	6.2	1.9
843	5/18/2014 4:01:11	13.35	50.26	32.90	8.52	8.04	5.9	3.579	100.0	6.8	5.1	1.6
844	5/18/2014 4:16:11	13.73	50.39	33.01	8.44	8.03	5.4	3.478	99.9	6.6	5.0	1.6
845	5/18/2014 4:31:11	14.33	50.38	33.03	8.43	8.03	6.5	3.370	101.0	7.3	5.5	1.7
846	5/18/2014 4:46:11	14.57	50.45	33.08	8.43	8.03	6.5	3.251	101.5	4.3	3.2	1.0
847	5/18/2014 5:01:11	14.70	50.29	32.97	8.43	8.03	7.6	3.125	101.7	7.7	5.8	1.8
848	5/18/2014 5:16:11	15.29	50.27	32.97	8.29	8.01	8.7	3.005	101.2	5.2	3.9	1.2
849	5/18/2014 5:31:11	15.67	50.29	32.99	8.19	8.01	8.6	2.875	100.8	5.8	4.4	1.4
850	5/18/2014 5:46:11	15.77	50.25	32.96	8.09	8.00	9.4	2.739	99.7	7.1	5.3	1.7
851	5/18/2014 6:01:11	15.41	50.26	32.96	7.93	7.98	7.8	2.612	97.0	7.2	5.4	1.7
852	5/18/2014 6:16:11	16.13	50.16	32.91	7.74	7.97	9.0	2.477	96.1	5.5	4.1	1.3
853	5/18/2014 6:31:11	16.76	50.20	32.94	7.65	7.97	11.6	2.335	96.1	4.4	3.3	1.0
854	5/18/2014 6:46:11	16.59	50.19	32.93	7.59	7.96	11.6	2.174	95.1	4.5	3.4	1.1
855	5/18/2014 7:01:11	16.47	50.20	32.94	7.56	7.95	10.4	2.030	94.4	5.1	3.8	1.2
856	5/18/2014 7:16:11	17.01	50.15	32.91	7.40	7.95	10.1	1.893	93.4	4.1	3.1	1.0
857	5/18/2014 7:31:11	17.28	50.16	32.92	7.28	7.93	10.0	1.732	92.4	3.8	2.9	0.9
858	5/18/2014 7:46:11	17.62	50.18	32.93	7.16	7.93	9.7	1.587	91.5	3.6	2.7	0.8
859	5/18/2014 8:01:11	17.98	50.18	32.94	7.07	7.92	8.9	1.459	90.9	3.9	2.9	0.9
860	5/18/2014 8:16:10	18.19	50.08	32.86	6.95	7.91	8.3	1.328	89.8	3.7	2.8	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
861	5/18/2014 8:31:10	18.36	50.00	32.81	6.93	7.91	7.8	1.201	89.7	3.8	2.9	0.9
862	5/18/2014 8:46:11	18.46	50.15	32.92	6.79	7.90	7.1	1.113	88.1	3.8	2.9	0.9
863	5/18/2014 9:01:11	18.66	50.04	32.84	6.69	7.91	7.2	1.056	87.1	4.4	3.3	1.0
864	5/18/2014 9:16:10	18.47	49.98	32.79	6.61	7.90	7.9	1.022	85.7	3.7	2.8	0.9
865	5/18/2014 9:31:10	18.71	50.06	32.85	6.74	7.90	7.9	1.058	87.8	4.1	3.1	1.0
866	5/18/2014 9:46:10	18.91	50.09	32.88	6.76	7.91	6.8	1.127	88.4	4.8	3.6	1.1
867	5/18/2014 10:01:10	18.86	50.02	32.83	6.75	7.90	7.2	1.195	88.3	3.6	2.7	0.8
868	5/18/2014 10:16:11	18.90	50.02	32.83	6.67	7.90	7.7	1.275	87.2	3.9	2.9	0.9
869	5/18/2014 10:31:10	18.87	50.11	32.89	6.70	7.90	7.8	1.362	87.6	4.7	3.5	1.1
870	5/18/2014 10:46:11	18.96	49.83	32.68	6.61	7.88	10.4	1.438	86.4	4.3	3.2	1.0
871	5/18/2014 11:01:11	18.75	50.00	32.81	6.64	7.89	8.5	1.533	86.6	4.2	3.2	1.0
872	5/18/2014 11:16:10	18.71	49.92	32.75	6.63	7.88	8.9	1.601	86.4	4.1	3.1	1.0
873	5/18/2014 11:31:11	18.65	49.95	32.77	6.68	7.89	8.6	1.694	86.9	4.5	3.4	1.1
874	5/18/2014 11:46:11	18.48	49.98	32.79	6.81	7.90	8.5	1.790	88.4	4.1	3.1	1.0
875	5/18/2014 12:01:11	18.38	49.94	32.77	6.81	7.90	9.3	1.873	88.2	4.1	3.1	1.0
876	5/18/2014 12:16:11	17.98	49.99	32.80	6.97	7.91	8.2	1.987	89.5	4.8	3.6	1.1
877	5/18/2014 12:31:11	17.73	50.00	32.81	7.16	7.92	7.6	2.084	91.6	5.1	3.8	1.2
878	5/18/2014 12:46:10	17.66	50.03	32.83	7.28	7.93	8.1	2.198	93.0	4.9	3.7	1.2
879	5/18/2014 13:01:11	17.56	50.20	32.95	7.34	7.93	7.9	2.305	93.6	6.0	4.5	1.4
880	5/18/2014 13:16:11	17.56	50.16	32.92	7.46	7.94	8.4	2.406	95.2	5.1	3.8	1.2
881	5/18/2014 13:31:11	17.46	50.19	32.94	7.58	7.94	8.8	2.513	96.5	5.7	4.3	1.3
882	5/18/2014 13:46:11	17.27	50.13	32.90	7.77	7.96	9.8	2.609	98.6	4.5	3.4	1.1
883	5/18/2014 14:01:11	16.98	50.15	32.91	7.80	7.96	10.4	2.701	98.4	4.7	3.5	1.1
884	5/18/2014 14:16:10	16.61	50.03	32.81	8.06	7.98	11.5	2.791	100.9	5.3	4.0	1.3
885	5/18/2014 14:31:11	16.35	50.19	32.93	8.26	7.99	12.6	2.883	103.0	5.6	4.2	1.3
886	5/18/2014 14:46:11	15.69	50.25	32.96	8.38	8.00	12.0	2.966	103.1	6.9	5.2	1.6
887	5/18/2014 15:01:11	14.79	50.44	33.08	8.67	8.02	11.3	3.043	104.9	12.7	9.5	3.0
888	5/18/2014 15:16:11	14.33	50.39	33.03	8.83	8.03	11.2	3.124	105.8	9.1	6.8	2.1
889	5/18/2014 15:31:11	14.21	50.51	33.12	8.85	8.03	10.1	3.192	105.8	7.3	5.5	1.7
890	5/18/2014 15:46:11	14.10	50.39	33.02	8.98	8.04	9.0	3.257	107.1	12.2	9.2	2.9
891	5/18/2014 16:01:11	13.94	50.43	33.04	8.98	8.05	6.8	3.317	106.7	10.2	7.7	2.4
892	5/18/2014 16:16:11	13.80	50.43	33.04	9.05	8.05	4.7	3.353	107.3	7.6	5.7	1.8
893	5/18/2014 16:31:11	13.67	50.47	33.07	8.95	8.05	3.3	3.370	105.8	6.4	4.8	1.5
894	5/18/2014 16:46:11	14.13	50.35	33.00	8.90	8.04	5.2	3.374	106.1	4.9	3.7	1.2
895	5/18/2014 17:01:11	13.89	50.42	33.04	8.86	8.04	4.4	3.360	105.2	4.7	3.5	1.1
896	5/18/2014 17:16:11	13.81	50.46	33.06	8.88	8.04	5.0	3.306	105.3	10.8	8.1	2.5
897	5/18/2014 17:31:11	14.50	50.42	33.06	8.99	8.04	6.5	3.241	108.1	8.3	6.2	1.9
898	5/18/2014 17:46:11	15.22	50.24	32.94	8.90	8.04	7.2	3.170	108.5	5.8	4.4	1.4
899	5/18/2014 18:01:11	15.99	50.28	32.98	9.34	8.07	6.2	3.090	115.6	6.3	4.7	1.5
900	5/18/2014 18:16:11	16.41	50.12	32.88	9.04	8.05	10.7	3.005	112.8	6.2	4.7	1.5
901	5/18/2014 18:31:11	16.80	50.29	33.01	8.94	8.04	8.3	2.916	112.5	5.0	3.8	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
902	5/18/2014 18:46:11	17.17	50.00	32.80	8.83	8.03	6.2	2.839	111.7	14.8	11.1	3.5
903	5/18/2014 19:01:11	17.33	50.11	32.88	8.83	8.04	7.6	2.757	112.2	6.0	4.5	1.4
904	5/18/2014 19:16:11	17.34	50.13	32.90	8.66	8.02	6.4	2.690	110.0	5.8	4.4	1.4
905	5/18/2014 19:31:11	17.48	50.06	32.84	8.63	8.02	5.4	2.620	109.8	4.6	3.5	1.1
906	5/18/2014 19:46:11	17.72	50.08	32.86	8.46	8.01	5.1	2.553	108.2	6.4	4.8	1.5
907	5/18/2014 20:01:11	17.65	50.21	32.96	9.38	8.08	5.6	2.490	119.9	5.1	3.8	1.2
908	5/18/2014 20:16:11	17.79	50.09	32.87	9.05	8.06	5.7	2.439	115.9	4.4	3.3	1.0
909	5/18/2014 20:31:11	18.14	49.95	32.77	9.09	8.06	5.6	2.386	117.1	4.9	3.7	1.2
910	5/18/2014 20:46:11	18.45	50.05	32.85	8.64	8.03	5.6	2.341	112.1	5.6	4.2	1.3
911	5/18/2014 21:01:11	18.67	50.09	32.87	8.60	8.02	4.9	2.315	112.1	6.0	4.5	1.4
912	5/18/2014 21:16:11	18.90	50.02	32.82	8.07	7.99	5.0	2.293	105.5	7.8	5.9	1.8
913	5/18/2014 21:31:11	18.96	50.06	32.85	7.57	7.96	4.3	2.289	99.2	6.2	4.7	1.5
914	5/18/2014 21:46:11	18.67	49.99	32.80	8.22	7.99	5.0	2.295	107.0	6.0	4.5	1.4
915	5/18/2014 22:01:10	18.51	49.91	32.74	8.16	7.99	4.7	2.315	105.9	14.6	11.0	3.4
916	5/18/2014 22:16:11	18.52	50.13	32.90	8.37	8.00	7.4	2.357	108.7	8.7	6.5	2.0
917	5/18/2014 22:31:11	18.55	50.01	32.81	8.37	7.99	8.5	2.400	108.8	5.5	4.1	1.3
918	5/18/2014 22:46:10	18.31	50.07	32.86	8.34	7.99	7.6	2.462	107.9	5.4	4.1	1.3
919	5/18/2014 23:01:10	18.40	50.08	32.87	8.19	7.98	8.2	2.526	106.1	5.4	4.1	1.3
920	5/18/2014 23:16:11	18.07	50.08	32.86	8.28	7.98	6.7	2.596	106.7	7.3	5.5	1.7
921	5/18/2014 23:31:11	17.79	50.04	32.84	8.38	7.99	6.7	2.668	107.3	5.4	4.1	1.3
922	5/18/2014 23:46:10	17.19	50.13	32.90	8.52	8.00	7.0	2.738	107.9	6.5	4.9	1.5
923	5/19/2014 0:01:10	16.63	50.15	32.91	8.57	8.00	6.5	2.811	107.3	6.2	4.7	1.5
924	5/19/2014 0:16:11	16.26	50.22	32.95	8.57	8.00	6.3	2.889	106.6	5.9	4.4	1.4
925	5/19/2014 0:31:11	15.85	50.34	33.03	8.60	8.00	5.9	2.962	106.2	6.5	4.9	1.5
926	5/19/2014 0:46:11	15.62	50.29	32.99	8.68	8.00	6.9	3.032	106.7	8.3	6.2	2.0
927	5/19/2014 1:01:11	15.28	50.39	33.06	8.73	8.01	7.0	3.116	106.6	7.5	5.6	1.8
928	5/19/2014 1:16:11	14.79	50.39	33.04	8.79	8.01	7.9	3.199	106.3	7.9	5.9	1.9
929	5/19/2014 1:31:11	14.37	50.32	32.98	8.88	8.02	7.6	3.275	106.4	10.3	7.7	2.4
930	5/19/2014 1:46:11	13.91	50.50	33.10	8.96	8.03	7.5	3.351	106.5	14.7	11.0	3.5
931	5/19/2014 2:01:11	13.55	50.51	33.09	9.05	8.03	6.5	3.430	106.8	8.7	6.5	2.0
932	5/19/2014 2:16:11	13.29	50.52	33.09	9.09	8.04	5.4	3.502	106.7	11.4	8.6	2.7
933	5/19/2014 2:31:11	13.08	50.39	32.99	9.11	8.04	5.2	3.566	106.3	13.3	10.0	3.1
934	5/19/2014 2:46:11	12.94	50.52	33.08	9.13	8.04	4.7	3.625	106.3	12.8	9.6	3.0
935	5/19/2014 3:01:11	12.70	50.59	33.12	9.12	8.05	4.0	3.670	105.8	15.3	11.5	3.6
936	5/19/2014 3:16:11	12.57	50.61	33.13	9.15	8.05	3.8	3.706	105.8	9.9	7.4	2.3
937	5/19/2014 3:31:12	12.49	50.63	33.14	9.03	8.04	2.6	3.723	104.3	5.8	4.4	1.4
938	5/19/2014 3:46:12	12.83	50.44	33.02	8.82	8.03	2.3	3.721	102.4	9.6	7.2	2.3
939	5/19/2014 4:01:11	12.76	50.57	33.11	8.74	8.02	2.4	3.703	101.5	4.9	3.7	1.2
940	5/19/2014 4:16:11	12.56	50.37	32.95	8.87	8.03	3.1	3.663	102.4	5.1	3.8	1.2
941	5/19/2014 4:31:11	13.14	50.55	33.11	8.72	8.02	4.0	3.603	102.0	6.6	5.0	1.6
942	5/19/2014 4:46:11	13.92	50.41	33.03	8.61	8.02	7.3	3.515	102.2	8.0	6.0	1.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
943	5/19/2014 5:01:11	13.93	50.48	33.08	8.58	8.01	5.4	3.421	102.0	7.6	5.7	1.8
944	5/19/2014 5:16:12	14.88	50.36	33.02	8.25	7.99	5.8	3.328	100.0	6.9	5.2	1.6
945	5/19/2014 5:31:11	14.86	50.34	33.01	8.33	8.00	5.8	3.221	100.9	6.5	4.9	1.5
946	5/19/2014 5:46:11	14.80	50.27	32.95	8.40	8.00	8.4	3.109	101.6	7.0	5.3	1.6
947	5/19/2014 6:01:11	15.04	50.34	33.01	8.36	8.00	7.8	2.991	101.6	7.1	5.3	1.7
948	5/19/2014 6:16:11	15.31	50.39	33.06	8.26	7.99	8.4	2.872	100.9	4.4	3.3	1.0
949	5/19/2014 6:31:11	15.29	50.42	33.08	8.15	7.98	6.8	2.754	99.6	6.1	4.6	1.4
950	5/19/2014 6:46:11	16.19	50.25	32.97	7.88	7.96	11.0	2.635	97.9	4.7	3.5	1.1
951	5/19/2014 7:01:11	16.33	50.44	33.11	7.67	7.94	7.5	2.506	95.7	3.7	2.8	0.9
952	5/19/2014 7:16:11	16.44	50.22	32.95	7.62	7.93	7.9	2.370	95.1	4.3	3.2	1.0
953	5/19/2014 7:31:11	16.80	50.29	33.01	7.62	7.94	7.7	2.238	95.8	4.3	3.2	1.0
954	5/19/2014 7:46:11	16.92	50.22	32.96	7.63	7.94	8.7	2.106	96.2	4.1	3.1	1.0
955	5/19/2014 8:01:11	17.18	50.24	32.98	7.67	7.94	8.0	1.965	97.2	4.1	3.1	1.0
956	5/19/2014 8:16:11	17.40	50.21	32.95	7.74	7.94	8.7	1.829	98.5	4.1	3.1	1.0
957	5/19/2014 8:31:11	17.75	50.19	32.94	7.74	7.95	7.6	1.690	99.1	4.4	3.3	1.0
958	5/19/2014 8:46:11	18.02	50.28	33.01	7.59	7.94	7.0	1.568	97.8	4.1	3.1	1.0
959	5/19/2014 9:01:11	18.31	50.21	32.96	7.45	7.93	6.3	1.449	96.4	3.7	2.8	0.9
960	5/19/2014 9:16:11	18.28	50.13	32.90	7.44	7.94	6.4	1.332	96.2	3.9	2.9	0.9
961	5/19/2014 9:31:11	18.34	50.16	32.93	7.38	7.93	5.6	1.255	95.5	4.4	3.3	1.0
962	5/19/2014 9:46:11	18.36	50.05	32.85	7.29	7.93	7.6	1.200	94.3	3.4	2.6	0.8
963	5/19/2014 10:01:10	18.74	50.13	32.91	7.04	7.93	4.8	1.162	91.9	3.5	2.6	0.8
964	5/19/2014 10:16:11	18.49	50.18	32.94	7.39	7.93	6.5	1.182	96.0	4.4	3.3	1.0
965	5/19/2014 10:31:11	18.83	50.12	32.90	7.23	7.93	5.3	1.205	94.4	4.6	3.5	1.1
966	5/19/2014 10:46:10	18.67	50.06	32.85	7.32	7.92	6.4	1.254	95.3	4.9	3.7	1.1
967	5/19/2014 11:01:10	18.72	49.80	32.66	7.23	7.92	9.0	1.322	94.2	5.0	3.8	1.2
968	5/19/2014 11:16:11	18.74	50.13	32.91	7.25	7.92	7.2	1.393	94.5	5.4	4.1	1.3
969	5/19/2014 11:31:11	18.79	49.89	32.73	7.16	7.90	9.5	1.470	93.4	5.2	3.9	1.2
970	5/19/2014 11:46:11	18.77	49.72	32.60	6.99	7.88	9.8	1.548	91.1	5.4	4.1	1.3
971	5/19/2014 12:01:11	18.59	49.90	32.73	7.04	7.89	8.4	1.626	91.5	4.7	3.5	1.1
972	5/19/2014 12:16:11	18.54	49.91	32.74	7.07	7.89	8.6	1.719	91.7	5.0	3.8	1.2
973	5/19/2014 12:31:11	18.39	49.92	32.75	7.16	7.90	7.3	1.809	92.7	4.9	3.7	1.2
974	5/19/2014 12:46:10	18.30	49.90	32.73	7.15	7.90	7.9	1.891	92.4	4.8	3.6	1.1
975	5/19/2014 13:01:11	18.18	49.90	32.73	7.13	7.90	7.3	1.989	91.9	4.7	3.5	1.1
976	5/19/2014 13:16:11	17.80	50.05	32.84	7.28	7.90	8.1	2.102	93.2	4.2	3.2	1.0
977	5/19/2014 13:31:11	17.73	50.13	32.90	7.34	7.91	7.5	2.197	94.0	4.2	3.2	1.0
978	5/19/2014 13:46:11	17.62	50.01	32.81	7.45	7.91	8.1	2.303	95.1	5.4	4.1	1.3
979	5/19/2014 14:01:11	17.50	50.06	32.84	7.53	7.92	7.8	2.400	95.9	4.4	3.3	1.0
980	5/19/2014 14:16:11	17.28	50.10	32.87	7.68	7.93	8.4	2.500	97.4	3.9	2.9	0.9
981	5/19/2014 14:31:11	17.09	50.03	32.82	7.79	7.94	9.2	2.593	98.5	5.2	3.9	1.2
982	5/19/2014 14:46:11	16.84	49.96	32.76	7.86	7.94	9.7	2.688	98.8	5.2	3.9	1.2
983	5/19/2014 15:01:11	16.47	50.15	32.90	7.96	7.95	11.2	2.779	99.5	4.8	3.6	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
984	5/19/2014 15:16:11	16.16	50.14	32.89	8.21	7.96	12.5	2.865	101.9	5.2	3.9	1.2
985	5/19/2014 15:31:11	15.82	50.26	32.97	8.38	7.98	13.2	2.948	103.4	6.2	4.7	1.5
986	5/19/2014 15:46:11	15.19	50.22	32.92	8.55	7.99	12.9	3.032	104.2	6.3	4.7	1.5
987	5/19/2014 16:01:11	14.41	50.25	32.93	8.81	8.00	13.6	3.108	105.7	9.5	7.1	2.2
988	5/19/2014 16:16:11	14.14	50.40	33.03	8.88	8.01	12.5	3.181	105.9	10.7	8.0	2.5
989	5/19/2014 16:31:11	14.04	50.23	32.90	8.88	8.01	12.2	3.251	105.6	8.4	6.3	2.0
990	5/19/2014 16:46:11	13.99	50.26	32.92	8.91	8.01	12.2	3.311	105.9	8.6	6.5	2.0
991	5/19/2014 17:01:11	13.95	50.28	32.94	8.92	8.02	8.1	3.349	106.1	10.3	7.7	2.4
992	5/19/2014 17:16:11	13.89	50.40	33.02	8.97	8.02	5.3	3.391	106.5	5.6	4.2	1.3
993	5/19/2014 17:31:11	13.95	50.31	32.96	8.47	8.01	4.7	3.405	100.7	7.5	5.6	1.8
994	5/19/2014 17:46:11	14.18	50.37	33.01	8.52	7.99	4.5	3.394	101.7	5.0	3.8	1.2
995	5/19/2014 18:01:11	13.96	50.31	32.96	8.84	8.01	6.4	3.358	105.1	8.1	6.1	1.9
996	5/19/2014 18:16:11	14.06	50.31	32.97	8.84	8.01	7.6	3.313	105.3	6.8	5.1	1.6
997	5/19/2014 18:31:11	14.53	50.22	32.91	8.81	8.01	8.1	3.255	105.9	6.1	4.6	1.4
998	5/19/2014 18:46:11	15.25	50.15	32.87	9.06	8.03	8.3	3.169	110.4	7.2	5.4	1.7
999	5/19/2014 19:01:11	15.47	50.26	32.97	9.23	8.04	7.1	3.092	113.1	6.3	4.7	1.5
1000	5/19/2014 19:16:11	16.23	50.20	32.94	8.92	8.02	10.0	3.020	111.0	8.5	6.4	2.0
1001	5/19/2014 19:31:11	16.41	50.12	32.87	8.86	8.02	6.2	2.947	110.5	4.8	3.6	1.1
1002	5/19/2014 19:46:11	16.88	50.01	32.80	8.71	8.01	6.5	2.866	109.7	5.8	4.4	1.4
1003	5/19/2014 20:01:11	16.79	49.99	32.79	8.63	8.00	6.5	2.790	108.4	4.9	3.7	1.2
1004	5/19/2014 20:16:11	16.86	50.04	32.83	8.53	7.99	5.4	2.728	107.3	5.3	4.0	1.2
1005	5/19/2014 20:31:11	16.98	50.00	32.80	8.44	7.99	5.3	2.668	106.4	6.0	4.5	1.4
1006	5/19/2014 20:46:11	17.21	50.12	32.88	8.25	7.97	5.5	2.594	104.6	5.3	4.0	1.2
1007	5/19/2014 21:01:11	16.84	50.14	32.89	8.74	8.03	6.9	2.536	109.9	5.9	4.4	1.4
1008	5/19/2014 21:16:11	17.04	50.08	32.86	8.48	8.01	6.1	2.480	107.0	5.1	3.8	1.2
1009	5/19/2014 21:31:11	17.09	50.14	32.90	8.37	8.00	6.1	2.435	105.8	5.9	4.4	1.4
1010	5/19/2014 21:46:11	17.23	50.02	32.82	8.27	7.99	5.9	2.387	104.7	5.6	4.2	1.3
1011	5/19/2014 22:01:11	17.69	50.04	32.84	8.01	7.97	5.6	2.349	102.3	6.8	5.1	1.6
1012	5/19/2014 22:16:11	17.77	50.09	32.87	7.95	7.96	5.7	2.326	101.8	7.5	5.6	1.8
1013	5/19/2014 22:31:11	18.12	49.92	32.75	7.77	7.94	5.5	2.305	100.1	7.7	5.8	1.8
1014	5/19/2014 22:46:11	18.15	50.07	32.86	7.04	7.91	4.3	2.300	90.8	5.8	4.4	1.4
1015	5/19/2014 23:01:11	18.25	49.92	32.75	7.23	7.91	5.0	2.303	93.4	6.4	4.8	1.5
1016	5/19/2014 23:16:11	18.16	49.95	32.77	7.92	7.96	5.3	2.340	102.2	6.3	4.7	1.5
1017	5/19/2014 23:31:11	18.04	50.05	32.84	7.89	7.96	5.7	2.368	101.6	6.1	4.6	1.4
1018	5/19/2014 23:46:11	18.04	49.99	32.80	7.94	7.96	5.3	2.404	102.2	5.9	4.4	1.4
1019	5/20/2014 0:01:11	17.98	50.06	32.85	7.91	7.95	5.6	2.463	101.7	6.1	4.6	1.4
1020	5/20/2014 0:16:11	17.70	50.05	32.84	8.00	7.96	6.4	2.533	102.2	5.5	4.1	1.3
1021	5/20/2014 0:31:11	17.73	50.11	32.88	7.97	7.95	6.8	2.593	102.0	5.1	3.8	1.2
1022	5/20/2014 0:46:11	17.52	50.08	32.86	8.09	7.96	6.7	2.661	103.1	6.5	4.9	1.5
1023	5/20/2014 1:01:11	17.12	50.09	32.86	8.19	7.96	6.4	2.735	103.5	7.0	5.3	1.6
1024	5/20/2014 1:16:11	16.49	50.19	32.93	8.32	7.97	6.0	2.800	104.0	5.8	4.4	1.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
1025	5/20/2014 1:31:11	16.20	50.20	32.93	8.38	7.97	6.4	2.865	104.1	6.1	4.6	1.4
1026	5/20/2014 1:46:11	15.66	50.31	33.00	8.45	7.98	5.4	2.939	104.0	5.7	4.3	1.3
1027	5/20/2014 2:01:11	15.35	50.23	32.94	8.55	7.98	5.6	3.013	104.5	6.4	4.8	1.5
1028	5/20/2014 2:16:11	15.23	50.28	32.97	8.53	7.99	6.3	3.083	104.0	6.3	4.7	1.5
1029	5/20/2014 2:31:11	14.94	50.27	32.96	8.62	7.99	6.2	3.149	104.5	9.2	6.9	2.2
1030	5/20/2014 2:46:11	14.54	50.20	32.90	8.68	8.00	6.7	3.220	104.3	8.8	6.6	2.1
1031	5/20/2014 3:01:11	14.15	50.38	33.01	8.76	8.00	7.0	3.292	104.5	6.5	4.9	1.5
1032	5/20/2014 3:16:11	13.78	50.35	32.99	8.86	8.01	7.2	3.354	104.9	7.8	5.9	1.8
1033	5/20/2014 3:31:11	13.60	50.43	33.03	8.95	8.02	6.1	3.404	105.6	11.4	8.6	2.7
1034	5/20/2014 3:46:11	13.50	50.37	32.99	8.90	8.02	4.9	3.459	104.8	9.3	7.0	2.2
1035	5/20/2014 4:01:11	13.39	50.36	32.98	8.87	8.02	3.9	3.501	104.3	7.5	5.6	1.8
1036	5/20/2014 4:16:11	13.29	50.33	32.95	8.81	8.02	3.0	3.533	103.3	7.1	5.3	1.7
1037	5/20/2014 4:31:11	13.25	50.37	32.98	8.51	8.00	2.7	3.543	99.8	8.3	6.2	1.9
1038	5/20/2014 4:46:11	13.55	50.40	33.01	8.42	7.99	4.0	3.551	99.3	6.5	4.9	1.5
1039	5/20/2014 5:01:11	13.42	50.30	32.94	8.36	7.99	2.6	3.543	98.3	4.8	3.6	1.1
1040	5/20/2014 5:16:11	13.31	50.27	32.91	8.66	8.01	4.0	3.490	101.5	5.1	3.8	1.2
1041	5/20/2014 5:31:11	13.38	50.38	32.99	8.52	7.99	4.7	3.438	100.1	9.9	7.4	2.3
1042	5/20/2014 5:46:11	14.40	50.19	32.88	8.21	7.97	7.3	3.367	98.4	4.9	3.7	1.1
1043	5/20/2014 6:01:11	14.65	50.24	32.93	8.20	7.97	7.1	3.293	98.8	6.4	4.8	1.5
1044	5/20/2014 6:16:11	15.20	50.17	32.89	8.04	7.96	8.5	3.191	97.9	5.1	3.8	1.2
1045	5/20/2014 6:31:11	15.21	50.06	32.81	8.07	7.96	6.8	3.093	98.3	4.4	3.3	1.0
1046	5/20/2014 6:46:11	15.25	50.16	32.88	8.02	7.95	7.9	2.995	97.7	7.4	5.6	1.7
1047	5/20/2014 7:01:11	15.49	50.29	32.98	7.90	7.95	8.6	2.887	96.8	4.6	3.5	1.1
1048	5/20/2014 7:16:11	15.57	50.32	33.01	7.93	7.95	6.6	2.784	97.3	4.6	3.5	1.1
1049	5/20/2014 7:31:11	15.99	50.48	33.13	7.58	7.92	7.0	2.671	93.9	3.7	2.8	0.9
1050	5/20/2014 7:46:11	16.64	50.42	33.10	7.27	7.90	8.1	2.568	91.2	3.5	2.6	0.8
1051	5/20/2014 8:01:11	16.86	50.40	33.09	7.29	7.90	8.1	2.453	91.9	3.7	2.8	0.9
1052	5/20/2014 8:16:11	17.01	50.32	33.03	7.37	7.91	8.6	2.342	93.1	4.2	3.2	1.0
1053	5/20/2014 8:31:11	16.94	50.40	33.09	7.71	7.92	8.4	2.210	97.3	3.6	2.7	0.8
1054	5/20/2014 8:46:11	16.91	50.33	33.04	7.78	7.93	7.5	2.099	98.1	3.8	2.9	0.9
1055	5/20/2014 9:01:11	17.08	50.42	33.11	7.77	7.93	7.5	1.969	98.3	3.6	2.7	0.8
1056	5/20/2014 9:16:11	17.33	50.29	33.01	7.89	7.94	7.1	1.842	100.2	4.2	3.2	1.0
1057	5/20/2014 9:31:11	17.43	50.34	33.05	7.80	7.94	6.8	1.724	99.4	4.3	3.2	1.0
1058	5/20/2014 9:46:11	17.58	50.31	33.03	7.70	7.93	6.1	1.622	98.3	3.6	2.7	0.8
1059	5/20/2014 10:01:11	17.56	50.39	33.09	7.68	7.93	5.6	1.522	98.1	3.4	2.6	0.8
1060	5/20/2014 10:16:11	17.78	50.41	33.10	7.80	7.94	4.9	1.444	100.1	4.0	3.0	0.9
1061	5/20/2014 10:31:11	17.91	50.37	33.08	7.73	7.93	5.0	1.378	99.3	3.0	2.3	0.7
1062	5/20/2014 10:46:11	18.12	50.28	33.01	7.56	7.93	4.8	1.323	97.5	3.2	2.4	0.8
1063	5/20/2014 11:01:11	18.28	50.35	33.07	7.03	7.90	3.9	1.322	91.0	2.6	2.0	0.6
1064	5/20/2014 11:16:11	17.93	50.25	32.99	8.38	7.98	5.9	1.326	107.6	5.0	3.8	1.2
1065	5/20/2014 11:31:11	18.53	50.41	33.11	7.61	7.94	4.5	1.353	99.0	4.8	3.6	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
1066	5/20/2014 11:46:11	18.40	50.37	33.08	7.56	7.93	4.8	1.395	98.1	4.8	3.6	1.1
1067	5/20/2014 12:01:11	18.47	50.34	33.06	7.55	7.92	5.3	1.467	98.1	5.8	4.4	1.4
1068	5/20/2014 12:16:11	18.42	50.29	33.02	7.46	7.92	5.7	1.546	96.8	5.5	4.1	1.3
1069	5/20/2014 12:31:11	18.25	50.33	33.05	7.47	7.91	6.3	1.607	96.6	5.3	4.0	1.2
1070	5/20/2014 12:46:11	18.50	50.13	32.90	7.44	7.91	6.6	1.696	96.7	6.1	4.6	1.4
1071	5/20/2014 13:01:11	18.23	50.35	33.06	7.34	7.90	5.9	1.772	95.0	4.9	3.7	1.2
1072	5/20/2014 13:16:11	18.22	50.17	32.93	7.36	7.90	6.4	1.843	95.1	5.7	4.3	1.3
1073	5/20/2014 13:31:10	18.07	50.29	33.02	7.40	7.90	6.3	1.929	95.4	5.3	4.0	1.2
1074	5/20/2014 13:46:11	17.95	50.18	32.94	7.41	7.90	6.9	2.025	95.2	5.2	3.9	1.2
1075	5/20/2014 14:01:11	17.74	50.16	32.92	7.40	7.90	6.6	2.116	94.8	5.1	3.8	1.2
1076	5/20/2014 14:16:11	17.38	50.24	32.97	7.56	7.91	7.3	2.216	96.2	5.9	4.4	1.4
1077	5/20/2014 14:31:11	17.23	50.30	33.02	7.67	7.91	7.1	2.319	97.3	5.9	4.4	1.4
1078	5/20/2014 14:46:11	17.13	50.36	33.06	7.73	7.92	7.0	2.406	97.9	5.3	4.0	1.3
1079	5/20/2014 15:01:11	16.99	50.38	33.08	7.77	7.92	6.7	2.498	98.2	5.6	4.2	1.3
1080	5/20/2014 15:16:11	17.00	50.44	33.12	7.81	7.92	7.0	2.602	98.7	5.8	4.4	1.4
1081	5/20/2014 15:31:11	16.82	50.41	33.09	7.87	7.93	7.9	2.689	99.1	5.7	4.3	1.3
1082	5/20/2014 15:46:11	16.75	50.47	33.14	7.97	7.93	7.8	2.769	100.3	6.0	4.5	1.4
1083	5/20/2014 16:01:11	16.63	50.43	33.10	8.11	7.94	8.7	2.853	101.7	5.1	3.8	1.2
1084	5/20/2014 16:16:11	16.30	50.33	33.03	8.28	7.95	11.7	2.940	103.1	5.3	4.0	1.2
1085	5/20/2014 16:31:11	16.07	50.34	33.03	8.46	7.97	12.4	3.018	104.9	6.1	4.6	1.4
1086	5/20/2014 16:46:11	15.37	50.37	33.04	8.53	7.97	11.1	3.088	104.4	6.9	5.2	1.6
1087	5/20/2014 17:01:11	14.54	50.38	33.03	8.75	7.98	12.0	3.174	105.3	10.0	7.5	2.3
1088	5/20/2014 17:16:11	14.13	50.53	33.13	8.85	7.99	11.9	3.239	105.7	13.5	10.1	3.2
1089	5/20/2014 17:31:11	13.92	50.57	33.15	8.95	8.01	9.8	3.298	106.4	11.8	8.9	2.8
1090	5/20/2014 17:46:11	13.79	50.56	33.13	9.01	8.01	6.1	3.357	106.8	9.4	7.1	2.2
1091	5/20/2014 18:01:11	13.76	50.50	33.09	9.00	8.01	5.0	3.399	106.6	9.8	7.4	2.3
1092	5/20/2014 18:16:11	13.74	50.59	33.16	8.78	8.01	4.2	3.422	104.1	10.7	8.0	2.5
1093	5/20/2014 18:31:11	13.99	50.47	33.08	8.66	8.00	5.8	3.433	103.1	5.3	4.0	1.3
1094	5/20/2014 18:46:11	13.82	50.49	33.09	8.73	8.00	4.2	3.422	103.6	7.1	5.3	1.7
1095	5/20/2014 19:01:11	13.81	50.63	33.19	8.67	7.99	5.0	3.391	102.8	6.9	5.2	1.6
1096	5/20/2014 19:16:11	13.97	50.56	33.14	8.74	7.99	7.3	3.334	104.0	6.5	4.9	1.5
1097	5/20/2014 19:31:11	14.87	50.46	33.10	8.77	8.00	11.2	3.274	106.2	9.7	7.3	2.3
1098	5/20/2014 19:46:11	14.76	50.38	33.04	8.74	8.00	10.6	3.203	105.6	9.4	7.1	2.2
1099	5/20/2014 20:01:11	15.29	50.37	33.04	8.49	7.99	10.2	3.116	103.7	5.7	4.3	1.3
1100	5/20/2014 20:16:11	15.91	50.28	32.99	8.25	7.97	9.8	3.039	102.0	6.6	5.0	1.6
1101	5/20/2014 20:31:11	16.56	50.31	33.02	8.13	7.96	11.2	2.965	101.8	9.6	7.2	2.3
1102	5/20/2014 20:46:11	16.59	50.20	32.94	8.09	7.95	8.7	2.889	101.4	7.2	5.4	1.7
1103	5/20/2014 21:01:11	16.92	50.30	33.02	7.90	7.94	9.4	2.807	99.6	7.0	5.3	1.7
1104	5/20/2014 21:16:11	17.22	50.35	33.06	7.77	7.92	9.1	2.740	98.6	5.8	4.4	1.4
1105	5/20/2014 21:31:11	17.34	50.33	33.04	7.67	7.91	8.1	2.675	97.5	6.5	4.9	1.5
1106	5/20/2014 21:46:11	17.05	50.27	32.99	7.59	7.91	7.1	2.603	96.0	5.8	4.4	1.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
1107	5/20/2014 22:01:11	16.78	50.38	33.08	7.54	7.92	8.3	2.537	94.8	6.7	5.0	1.6
1108	5/20/2014 22:16:11	16.88	50.43	33.11	7.50	7.91	7.3	2.465	94.5	5.9	4.4	1.4
1109	5/20/2014 22:31:11	17.05	50.45	33.13	7.43	7.91	8.2	2.403	94.0	6.8	5.1	1.6
1110	5/20/2014 22:46:11	17.27	50.33	33.04	7.41	7.90	8.4	2.350	94.1	6.6	5.0	1.6
1111	5/20/2014 23:01:11	17.58	50.46	33.14	7.45	7.92	7.8	2.290	95.2	7.3	5.5	1.7
1112	5/20/2014 23:16:11	18.06	50.30	33.03	7.22	7.91	7.7	2.244	93.1	7.1	5.3	1.7
1113	5/20/2014 23:31:10	18.27	50.25	32.99	7.15	7.90	7.3	2.211	92.6	7.6	5.7	1.8
1114	5/20/2014 23:46:11	18.31	50.26	33.00	6.73	7.87	6.4	2.189	87.1	6.6	5.0	1.6
1115	5/21/2014 0:01:11	18.40	50.38	33.09	6.16	7.84	5.3	2.186	79.9	6.8	5.1	1.6
1116	5/21/2014 0:16:11	18.52	50.26	33.00	5.93	7.85	6.8	2.191	77.1	7.3	5.5	1.7
1117	5/21/2014 0:31:11	18.49	50.28	33.01	7.21	7.92	8.9	2.221	93.6	8.0	6.0	1.9
1118	5/21/2014 0:46:11	18.32	50.30	33.02	7.22	7.91	9.3	2.247	93.5	7.2	5.4	1.7
1119	5/21/2014 1:01:11	18.34	50.27	33.01	7.26	7.91	9.5	2.297	94.1	7.3	5.5	1.7
1120	5/21/2014 1:16:11	18.17	50.29	33.02	7.36	7.91	10.3	2.359	95.1	7.5	5.6	1.8
1121	5/21/2014 1:31:11	18.24	50.33	33.05	7.38	7.92	11.4	2.417	95.4	10.4	7.8	2.4
1122	5/21/2014 1:46:11	18.05	50.37	33.07	7.46	7.91	9.4	2.489	96.1	7.0	5.3	1.6
1123	5/21/2014 2:01:11	17.84	50.23	32.98	7.53	7.91	9.6	2.561	96.6	6.5	4.9	1.5
1124	5/21/2014 2:16:11	17.68	50.34	33.05	7.54	7.91	9.3	2.621	96.5	6.4	4.8	1.5
1125	5/21/2014 2:31:11	17.11	50.38	33.08	7.66	7.91	8.4	2.685	96.9	6.4	4.8	1.5
1126	5/21/2014 2:46:11	16.70	50.39	33.08	7.78	7.92	7.1	2.753	97.7	6.3	4.7	1.5
1127	5/21/2014 3:01:11	16.30	50.43	33.10	7.93	7.93	6.7	2.811	98.8	7.7	5.8	1.8
1128	5/21/2014 3:16:11	16.02	50.41	33.09	7.97	7.93	5.7	2.869	98.8	5.8	4.4	1.4
1129	5/21/2014 3:31:11	15.59	50.54	33.17	8.07	7.94	6.1	2.932	99.3	6.1	4.6	1.4
1130	5/21/2014 3:46:11	15.40	50.50	33.13	8.14	7.95	6.5	3.007	99.7	6.5	4.9	1.5
1131	5/21/2014 4:01:11	15.03	50.53	33.15	8.16	7.95	7.2	3.065	99.2	6.1	4.6	1.4
1132	5/21/2014 4:16:11	14.56	50.47	33.10	8.23	7.96	7.2	3.117	99.1	9.5	7.1	2.2
1133	5/21/2014 4:31:11	14.34	50.42	33.05	8.27	7.96	6.9	3.183	99.1	8.0	6.0	1.9
1134	5/21/2014 4:46:11	14.20	50.56	33.15	8.27	7.96	5.7	3.234	98.9	8.3	6.2	2.0
1135	5/21/2014 5:01:11	14.00	50.50	33.10	8.27	7.97	4.9	3.270	98.5	8.4	6.3	2.0
1136	5/21/2014 5:16:11	13.86	50.54	33.13	8.28	7.97	5.8	3.313	98.4	7.0	5.3	1.7
1137	5/21/2014 5:31:11	13.74	50.52	33.10	8.26	7.97	3.4	3.342	97.9	6.2	4.7	1.5
1138	5/21/2014 5:46:11	13.65	50.58	33.15	7.61	7.94	3.2	3.349	90.0	3.1	2.3	0.7
1139	5/21/2014 6:01:11	13.78	50.59	33.16	7.93	7.95	4.0	3.345	94.0	5.4	4.1	1.3
1140	5/21/2014 6:16:11	13.72	50.55	33.13	7.90	7.95	4.0	3.331	93.6	6.7	5.0	1.6
1141	5/21/2014 6:31:11	13.73	50.62	33.18	7.99	7.94	5.2	3.293	94.6	7.3	5.5	1.7
1142	5/21/2014 6:46:11	13.90	50.56	33.14	8.06	7.94	5.8	3.223	95.8	7.4	5.6	1.7
1143	5/21/2014 7:01:11	15.24	50.51	33.14	7.59	7.92	9.0	3.156	92.7	5.2	3.9	1.2
1144	5/21/2014 7:16:11	14.98	50.49	33.12	7.78	7.93	6.3	3.087	94.5	4.1	3.1	1.0
1145	5/21/2014 7:31:11	15.43	50.52	33.16	7.57	7.92	6.5	2.994	92.8	5.3	4.0	1.2
1146	5/21/2014 7:46:11	15.78	50.34	33.03	7.45	7.90	7.8	2.904	91.9	3.8	2.9	0.9
1147	5/21/2014 8:01:11	16.07	50.37	33.05	7.31	7.89	8.0	2.812	90.6	4.5	3.4	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
1148	5/21/2014 8:16:11	16.32	50.40	33.08	7.14	7.88	7.5	2.725	89.0	3.5	2.6	0.8
1149	5/21/2014 8:31:11	16.47	50.30	33.01	6.99	7.86	7.0	2.627	87.3	3.8	2.9	0.9
1150	5/21/2014 8:46:11	16.83	50.39	33.08	6.66	7.84	7.9	2.532	83.9	3.7	2.8	0.9
1151	5/21/2014 9:01:11	16.99	50.43	33.11	6.68	7.84	8.1	2.434	84.4	4.0	3.0	1.0
1152	5/21/2014 9:16:11	17.16	50.41	33.10	6.77	7.85	8.7	2.326	85.8	4.0	3.0	0.9
1153	5/21/2014 9:31:11	17.10	50.48	33.15	7.11	7.88	8.1	2.226	90.1	4.2	3.2	1.0
1154	5/21/2014 9:46:11	17.14	50.58	33.23	7.19	7.89	8.2	2.116	91.1	4.0	3.0	0.9
1155	5/21/2014 10:01:11	17.19	50.39	33.09	7.44	7.90	7.5	2.000	94.4	4.2	3.2	1.0
1156	5/21/2014 10:16:11	17.35	50.39	33.09	7.57	7.91	7.6	1.907	96.3	4.3	3.2	1.0
1157	5/21/2014 10:31:11	17.45	50.46	33.14	7.57	7.92	7.3	1.807	96.6	3.7	2.8	0.9
1158	5/21/2014 10:46:11	17.73	50.51	33.17	7.55	7.93	6.0	1.708	96.8	3.8	2.9	0.9
1159	5/21/2014 11:01:11	17.87	50.28	33.01	7.39	7.91	6.4	1.626	94.9	4.0	3.0	0.9
1160	5/21/2014 11:16:10	17.92	50.40	33.10	7.10	7.88	6.4	1.561	91.3	3.5	2.6	0.8
1161	5/21/2014 11:31:11	17.98	50.54	33.20	6.96	7.88	6.2	1.509	89.7	3.4	2.6	0.8
1162	5/21/2014 11:46:11	18.05	50.47	33.15	6.71	7.86	6.0	1.459	86.5	3.1	2.3	0.7
1163	5/21/2014 12:01:11	18.08	50.48	33.16	5.96	7.83	5.0	1.456	76.9	3.4	2.6	0.8
1164	5/21/2014 12:16:11	18.00	50.32	33.04	7.85	7.96	7.0	1.461	101.0	4.5	3.4	1.1
1165	5/21/2014 12:31:11	18.14	50.42	33.12	7.18	7.90	6.2	1.480	92.7	5.1	3.8	1.2
1166	5/21/2014 12:46:11	18.27	50.49	33.17	6.92	7.87	5.9	1.525	89.6	5.0	3.8	1.2
1167	5/21/2014 13:01:11	18.32	50.45	33.14	6.87	7.88	6.7	1.580	89.0	5.3	4.0	1.2
1168	5/21/2014 13:16:11	18.26	50.44	33.13	6.86	7.87	6.2	1.647	88.8	5.7	4.3	1.3
1169	5/21/2014 13:31:11	18.18	50.52	33.19	6.81	7.87	7.6	1.717	88.1	5.2	3.9	1.2
1170	5/21/2014 13:46:11	18.40	50.28	33.01	6.82	7.87	8.1	1.793	88.4	5.5	4.1	1.3
1171	5/21/2014 14:01:11	18.36	50.32	33.04	6.72	7.86	8.3	1.865	87.1	5.3	4.0	1.2
1172	5/21/2014 14:16:11	18.21	50.34	33.06	6.75	7.86	8.6	1.959	87.3	5.2	3.9	1.2
1173	5/21/2014 14:31:11	18.09	50.43	33.12	6.93	7.87	8.4	2.036	89.4	5.4	4.1	1.3
1174	5/21/2014 14:46:11	18.01	50.46	33.14	6.99	7.87	7.5	2.126	90.1	5.6	4.2	1.3
1175	5/21/2014 15:01:11	17.64	50.25	32.99	6.94	7.86	7.6	2.218	88.8	5.1	3.8	1.2
1176	5/21/2014 15:16:11	17.35	50.45	33.13	7.18	7.88	6.8	2.307	91.4	4.7	3.5	1.1
1177	5/21/2014 15:31:11	17.21	50.39	33.09	7.40	7.89	6.7	2.400	93.9	4.8	3.6	1.1
1178	5/21/2014 15:46:11	17.05	50.48	33.15	7.49	7.89	6.9	2.483	94.7	4.8	3.6	1.1
1179	5/21/2014 16:01:11	16.90	50.46	33.13	7.52	7.90	6.8	2.571	94.9	5.4	4.1	1.3
1180	5/21/2014 16:16:11	16.74	50.56	33.20	7.56	7.90	7.9	2.661	95.1	4.3	3.2	1.0
1181	5/21/2014 16:31:11	16.70	50.55	33.19	7.61	7.90	9.0	2.742	95.7	5.2	3.9	1.2
1182	5/21/2014 16:46:11	16.58	50.49	33.15	7.83	7.92	9.2	2.831	98.2	5.5	4.1	1.3
1183	5/21/2014 17:01:11	16.16	50.52	33.17	7.86	7.92	10.6	2.911	97.7	5.1	3.8	1.2
1184	5/21/2014 17:16:11	15.86	50.45	33.11	8.16	7.94	12.2	2.998	100.9	6.3	4.7	1.5
1185	5/21/2014 17:31:11	15.55	50.60	33.21	8.33	7.95	11.8	3.081	102.4	5.9	4.4	1.4
1186	5/21/2014 17:46:11	14.86	50.48	33.11	8.45	7.96	13.1	3.153	102.4	7.8	5.9	1.8
1187	5/21/2014 18:01:11	14.40	50.66	33.23	8.64	7.97	13.7	3.232	103.8	10.0	7.5	2.3
1188	5/21/2014 18:16:11	14.04	50.65	33.21	8.90	8.00	14.7	3.298	106.1	15.4	11.6	3.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
1189	5/21/2014 18:31:11	13.88	50.71	33.25	8.99	8.01	14.5	3.367	106.9	10.1	7.6	2.4
1190	5/21/2014 18:46:11	13.78	50.62	33.18	8.99	8.01	10.6	3.417	106.6	11.8	8.9	2.8
1191	5/21/2014 19:01:11	13.71	50.47	33.07	9.03	8.01	8.7	3.455	106.9	7.9	5.9	1.8
1192	5/21/2014 19:16:11	13.63	50.68	33.22	8.75	7.99	6.6	3.483	103.4	5.6	4.2	1.3
1193	5/21/2014 19:31:11	14.09	50.54	33.13	8.63	7.98	4.1	3.485	103.0	11.0	8.3	2.6
1194	5/21/2014 19:46:11	13.81	50.73	33.26	8.48	7.97	5.4	3.470	100.6	9.1	6.8	2.2
1195	5/21/2014 20:01:11	13.72	50.65	33.20	8.54	7.97	5.7	3.434	101.1	7.2	5.4	1.7
1196	5/21/2014 20:16:11	13.86	50.55	33.13	8.67	7.98	11.5	3.376	102.9	8.8	6.6	2.1
1197	5/21/2014 20:31:11	15.02	50.57	33.18	8.46	7.98	9.8	3.311	102.9	5.2	3.9	1.2
1198	5/21/2014 20:46:11	14.96	50.53	33.15	8.49	7.98	8.6	3.228	103.0	4.6	3.5	1.1
1199	5/21/2014 21:01:11	16.15	50.54	33.18	8.25	7.97	10.7	3.153	102.6	5.7	4.3	1.3
1200	5/21/2014 21:16:11	16.09	50.50	33.15	8.26	7.97	9.7	3.065	102.5	5.2	3.9	1.2
1201	5/21/2014 21:31:11	16.08	50.42	33.09	8.25	7.96	7.9	2.977	102.4	7.3	5.5	1.7
1202	5/21/2014 21:46:11	16.17	50.49	33.15	8.09	7.95	8.2	2.897	100.6	6.0	4.5	1.4
1203	5/21/2014 22:01:11	16.19	50.54	33.18	8.00	7.94	7.0	2.810	99.5	5.7	4.3	1.3
1204	5/21/2014 22:16:11	16.29	50.44	33.11	7.89	7.93	6.4	2.732	98.4	4.5	3.4	1.1
1205	5/21/2014 22:31:11	16.68	50.34	33.04	7.68	7.92	6.8	2.651	96.4	4.6	3.5	1.1
1206	5/21/2014 22:46:11	17.13	50.52	33.18	7.47	7.90	6.7	2.572	94.7	4.8	3.6	1.1
1207	5/21/2014 23:01:11	17.40	50.29	33.02	7.33	7.89	6.6	2.496	93.3	5.4	4.1	1.3
1208	5/21/2014 23:16:11	17.62	50.46	33.14	7.23	7.88	7.6	2.411	92.5	4.8	3.6	1.1
1209	5/21/2014 23:31:11	17.42	50.68	33.30	7.14	7.88	8.4	2.335	91.0	5.0	3.8	1.2
1210	5/21/2014 23:46:11	17.99	50.48	33.16	7.17	7.90	6.8	2.266	92.4	4.8	3.6	1.1
1211	5/22/2014 0:01:11	18.22	50.34	33.06	7.15	7.91	6.1	2.212	92.4	5.0	3.8	1.2
1212	5/22/2014 0:16:11	18.43	50.55	33.21	7.17	7.91	6.9	2.141	93.2	4.7	3.5	1.1
1213	5/22/2014 0:31:11	18.42	50.50	33.18	7.02	7.91	5.6	2.091	91.2	5.2	3.9	1.2
1214	5/22/2014 0:46:11	18.54	50.45	33.14	6.88	7.91	4.5	2.072	89.6	5.5	4.1	1.3
1215	5/22/2014 1:01:11	18.63	50.45	33.14	6.64	7.89	4.5	2.034	86.6	4.8	3.6	1.1
1216	5/22/2014 1:16:11	18.66	50.51	33.18	6.19	7.85	5.7	2.029	80.8	5.5	4.1	1.3
1217	5/22/2014 1:31:11	18.59	50.50	33.17	7.25	7.93	6.8	2.045	94.5	5.7	4.3	1.3
1218	5/22/2014 1:46:11	18.50	50.48	33.16	7.23	7.92	7.2	2.065	94.1	5.3	4.0	1.3
1219	5/22/2014 2:01:11	18.39	50.43	33.12	7.23	7.92	9.0	2.100	93.8	4.9	3.7	1.2
1220	5/22/2014 2:16:10	18.34	50.44	33.13	7.23	7.92	9.4	2.147	93.8	5.4	4.1	1.3
1221	5/22/2014 2:31:11	18.20	50.45	33.13	7.21	7.90	8.7	2.217	93.3	4.5	3.4	1.1
1222	5/22/2014 2:46:11	18.29	50.51	33.18	7.12	7.90	9.0	2.280	92.2	5.8	4.4	1.4
1223	5/22/2014 3:01:11	18.11	50.45	33.14	7.17	7.89	8.9	2.342	92.5	5.6	4.2	1.3
1224	5/22/2014 3:16:11	17.97	50.34	33.06	7.19	7.89	8.2	2.412	92.5	5.3	4.0	1.3
1225	5/22/2014 3:31:11	17.77	50.36	33.07	7.22	7.89	7.9	2.479	92.5	4.8	3.6	1.1
1226	5/22/2014 3:46:11	17.26	50.51	33.17	7.32	7.89	8.3	2.543	93.0	5.1	3.8	1.2
1227	5/22/2014 4:01:11	16.74	50.44	33.11	7.48	7.89	6.4	2.597	94.0	4.7	3.5	1.1
1228	5/22/2014 4:16:11	16.34	50.28	32.99	7.64	7.90	5.8	2.670	95.3	5.1	3.8	1.2
1229	5/22/2014 4:31:11	16.10	50.48	33.14	7.71	7.91	5.4	2.731	95.7	4.5	3.4	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
1230	5/22/2014 4:46:11	15.97	50.57	33.20	7.72	7.91	5.5	2.788	95.7	6.2	4.7	1.5
1231	5/22/2014 5:01:11	15.86	50.46	33.12	7.77	7.91	5.5	2.846	96.0	3.7	2.8	0.9
1232	5/22/2014 5:16:11	15.73	50.52	33.16	7.76	7.91	5.7	2.904	95.7	4.5	3.4	1.0
1233	5/22/2014 5:31:11	15.46	50.56	33.18	7.82	7.92	6.1	2.966	95.9	5.1	3.8	1.2
1234	5/22/2014 5:46:11	15.18	50.59	33.20	7.89	7.92	6.2	3.019	96.2	5.3	4.0	1.3
1235	5/22/2014 6:01:11	15.05	50.60	33.20	7.85	7.92	5.6	3.065	95.5	4.9	3.7	1.2
1236	5/22/2014 6:16:11	14.90	50.69	33.27	7.89	7.92	5.2	3.115	95.8	4.5	3.4	1.0
1237	5/22/2014 6:31:11	14.73	50.63	33.22	7.89	7.92	5.6	3.157	95.4	5.7	4.3	1.3
1238	5/22/2014 6:46:11	14.48	50.71	33.27	7.93	7.92	5.1	3.176	95.4	3.8	2.9	0.9
1239	5/22/2014 7:01:11	14.43	50.75	33.30	7.56	7.90	2.4	3.195	90.9	3.5	2.6	0.8
1240	5/22/2014 7:16:11	14.62	50.72	33.28	7.42	7.91		3.194	89.5	3.1	2.3	0.7
1241	5/22/2014 7:31:11	14.49	50.58	33.18	7.53	7.91	3.3	3.180	90.6	3.4	2.6	0.8
1242	5/22/2014 7:46:12	14.49	50.66	33.23	7.55	7.88	3.3	3.144	90.8	3.1	2.3	0.7
1243	5/22/2014 8:01:11	14.87	50.56	33.17	7.45	7.88	4.7	3.095	90.3	3.0	2.3	0.7
1244	5/22/2014 8:16:11	15.15	50.63	33.22	7.53	7.90	5.6	3.033	91.9	3.4	2.6	0.8
1245	5/22/2014 8:31:11	15.50	50.65	33.25	7.53	7.90	6.3	2.964	92.5	2.6	2.0	0.6
1246	5/22/2014 8:46:11	15.58	50.58	33.20	7.65	7.91	5.8	2.883	94.0	3.1	2.3	0.7
1247	5/22/2014 9:01:11	15.93	50.47	33.13	7.31	7.88	6.4	2.806	90.5	3.2	2.4	0.8
1248	5/22/2014 9:16:11	16.10	50.56	33.20	7.22	7.88	6.4	2.725	89.7	3.3	2.5	0.8
1249	5/22/2014 9:31:11	16.43	50.49	33.15	7.04	7.86	6.7	2.643	88.0	2.8	2.1	0.7
1250	5/22/2014 9:46:11	16.68	50.43	33.10	6.89	7.85	6.5	2.556	86.5	3.7	2.8	0.9
1251	5/22/2014 10:01:11	16.85	50.41	33.09	6.94	7.85	5.9	2.467	87.4	3.1	2.3	0.7
1252	5/22/2014 10:16:11	16.99	50.49	33.16	7.18	7.86	6.1	2.377	90.7	2.7	2.0	0.6
1253	5/22/2014 10:31:11	17.24	50.44	33.13	7.07	7.86	7.5	2.285	89.8	2.9	2.2	0.7
1254	5/22/2014 10:46:11	17.37	50.54	33.19	7.73	7.89	6.5	2.197	98.4	3.1	2.3	0.7
1255	5/22/2014 11:01:11	17.48	50.59	33.23	7.35	7.88	7.1	2.090	93.8	2.7	2.0	0.6
1256	5/22/2014 11:16:11	17.66	50.50	33.17	7.32	7.88	7.0	2.004	93.8	2.8	2.1	0.6
1257	5/22/2014 11:31:11	17.82	50.58	33.23	7.57	7.90	9.2	1.916	97.3	2.4	1.8	0.6
1258	5/22/2014 11:46:11	18.05	50.56	33.21	7.92	7.93	5.7	1.832	102.2	3.0	2.3	0.7
1259	5/22/2014 12:01:11	18.28	50.39	33.10	7.57	7.91	5.4	1.754	98.0	2.6	2.0	0.6
1260	5/22/2014 12:16:11	18.46	50.54	33.20	7.91	7.92	5.1	1.702	102.8	3.2	2.4	0.8
1261	5/22/2014 12:31:11	18.58	50.59	33.24	7.14	7.89	5.2	1.650	93.1	2.3	1.7	0.5
1262	5/22/2014 12:46:11	18.53	50.56	33.22	6.41	7.82	3.5	1.635	83.4	2.3	1.7	0.5
1263	5/22/2014 13:01:11	18.61	50.56	33.22	8.74	7.94	5.1	1.607	113.9	2.6	2.0	0.6
1264	5/22/2014 13:16:11	18.41	50.58	33.24	7.43	7.90	4.9	1.616	96.5	3.3	2.5	0.8
1265	5/22/2014 13:31:11	18.43	50.55	33.21	7.22	7.89	4.8	1.646	93.8	3.8	2.9	0.9
1266	5/22/2014 13:46:10	18.47	50.63	33.27	7.74	7.93	5.4	1.666	100.7	3.9	2.9	0.9
1267	5/22/2014 14:01:11	18.53	50.59	33.24	7.30	7.90	5.5	1.724	95.1	3.8	2.9	0.9
1268	5/22/2014 14:16:10	18.50	50.53	33.19	7.22	7.89	6.5	1.787	93.9	4.6	3.5	1.1
1269	5/22/2014 14:31:11	18.31	50.63	33.27	7.17	7.88	7.0	1.858	93.0	4.1	3.1	1.0
1270	5/22/2014 14:46:11	18.76	50.24	32.98	7.04	7.88	7.8	1.930	91.8	5.3	4.0	1.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
1271	5/22/2014 15:01:11	18.65	50.35	33.06	7.00	7.87	7.4	2.012	91.2	5.4	4.1	1.3
1272	5/22/2014 15:16:11	18.43	50.43	33.12	7.00	7.87	7.3	2.094	90.8	3.9	2.9	0.9
1273	5/22/2014 15:31:11	18.26	50.48	33.16	7.05	7.87	6.7	2.178	91.3	4.1	3.1	1.0
1274	5/22/2014 15:46:11	17.92	50.31	33.03	6.90	7.85	7.2	2.261	88.8	3.8	2.9	0.9
1275	5/22/2014 16:01:11	17.59	50.42	33.11	6.99	7.86	6.1	2.337	89.4	4.6	3.5	1.1
1276	5/22/2014 16:16:11	17.30	50.36	33.06	7.16	7.87	6.4	2.433	90.9	4.4	3.3	1.0
1277	5/22/2014 16:31:11	17.07	50.37	33.07	7.38	7.88	6.4	2.521	93.4	4.0	3.0	0.9
1278	5/22/2014 16:46:11	16.89	50.36	33.06	7.40	7.88	6.3	2.599	93.3	3.9	2.9	0.9
1279	5/22/2014 17:01:11	16.76	50.46	33.13	7.44	7.88	6.8	2.685	93.5	4.4	3.3	1.0
1280	5/22/2014 17:16:11	16.54	50.46	33.13	7.52	7.89	8.2	2.773	94.2	4.0	3.0	0.9
1281	5/22/2014 17:31:11	16.48	50.42	33.10	7.67	7.90	9.1	2.854	95.9	4.1	3.1	1.0
1282	5/22/2014 17:46:11	16.15	50.32	33.02	7.86	7.91	10.3	2.940	97.7	4.9	3.7	1.1
1283	5/22/2014 18:01:11	15.75	50.50	33.14	8.09	7.93	11.9	3.030	99.7	4.8	3.6	1.1
1284	5/22/2014 18:16:11	15.45	50.48	33.12	8.27	7.94	11.0	3.110	101.4	5.9	4.4	1.4
1285	5/22/2014 18:31:11	14.99	50.51	33.13	8.36	7.94	10.8	3.199	101.5	6.5	4.9	1.5
1286	5/22/2014 18:46:11	14.40	50.53	33.14	8.47	7.95	12.6	3.279	101.6	7.9	5.9	1.8
1287	5/22/2014 19:01:11	13.87	50.62	33.18	8.65	7.96	12.1	3.351	102.8	8.3	6.2	2.0
1288	5/22/2014 19:16:11	13.64	50.61	33.17	8.83	7.98	12.6	3.429	104.4	11.0	8.3	2.6
1289	5/22/2014 19:31:11	13.53	50.67	33.21	8.93	7.99	11.3	3.481	105.4	15.5	11.6	3.6
1290	5/22/2014 19:46:11	13.43	50.75	33.27	8.92	7.99	7.0	3.526	105.1	10.6	8.0	2.5
1291	5/22/2014 20:01:11	13.34	50.58	33.14	8.88	7.98	5.1	3.568	104.3	11.3	8.5	2.7
1292	5/22/2014 20:16:11	13.32	50.63	33.17	8.62	7.97	3.4	3.584	101.3	6.4	4.8	1.5
1293	5/22/2014 20:31:11	13.80	50.60	33.17	8.25	7.95	3.6	3.581	97.9	4.5	3.4	1.1
1294	5/22/2014 20:46:11	13.52	50.65	33.20	8.34	7.95	4.5	3.561	98.4	6.7	5.0	1.6
1295	5/22/2014 21:01:11	13.42	50.67	33.20	8.55	7.97	5.6	3.507	100.7	7.3	5.5	1.7
1296	5/22/2014 21:16:11	13.87	50.56	33.14	8.47	7.95	7.3	3.456	100.6	6.3	4.7	1.5
1297	5/22/2014 21:31:12	14.67	50.52	33.13	8.02	7.92	7.9	3.380	96.7	7.2	5.4	1.7
1298	5/22/2014 21:46:11	14.89	50.47	33.10	8.01	7.94	7.3	3.284	97.1	5.9	4.4	1.4
1299	5/22/2014 22:01:11	15.64	50.51	33.15	7.74	7.91	7.1	3.190	95.3	5.1	3.8	1.2
1300	5/22/2014 22:16:11	15.66	50.45	33.10	7.89	7.93	7.9	3.099	97.1	5.8	4.4	1.4
1301	5/22/2014 22:31:11	15.77	50.42	33.08	7.75	7.92	12.6	3.005	95.6	5.1	3.8	1.2
1302	5/22/2014 22:46:11	15.76	50.49	33.13	7.73	7.91	7.0	2.910	95.3	4.7	3.5	1.1
1303	5/22/2014 23:01:11	15.82	50.61	33.23	7.68	7.91	6.2	2.825	94.9	4.2	3.2	1.0
1304	5/22/2014 23:16:11	15.87	50.59	33.21	7.53	7.90	5.7	2.726	93.2	4.8	3.6	1.1
1305	5/22/2014 23:31:11	16.65	50.45	33.12	7.14	7.87	7.3	2.635	89.7	4.2	3.2	1.0
1306	5/22/2014 23:46:11	17.04	50.45	33.13	6.97	7.86	7.2	2.546	88.2	4.4	3.3	1.0
1307	5/23/2014 0:01:11	17.12	50.49	33.16	6.89	7.85	6.9	2.446	87.3	4.2	3.2	1.0
1308	5/23/2014 0:16:11	17.44	50.41	33.11	6.85	7.86	7.5	2.348	87.3	3.8	2.9	0.9
1309	5/23/2014 0:31:11	17.63	50.54	33.20	6.91	7.86	7.5	2.266	88.5	4.1	3.1	1.0
1310	5/23/2014 0:46:11	18.10	50.50	33.18	6.97	7.88	8.4	2.168	90.0	4.2	3.2	1.0
1311	5/23/2014 1:01:11	18.16	50.49	33.16	6.95	7.88	6.4	2.100	89.8	3.4	2.6	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS
1312	5/23/2014 1:16:11	18.17	50.44	33.13	6.86	7.87	5.5	2.008	88.7	3.4	2.6	0.8
1313	5/23/2014 1:31:10	18.37	50.39	33.10	6.86	7.88	5.7	1.942	89.0	3.7	2.8	0.9
1314	5/23/2014 1:46:11	18.54	50.49	33.17	6.78	7.88	4.5	1.916	88.3	3.6	2.7	0.8
1315	5/23/2014 2:01:11	18.67	50.46	33.15	6.46	7.87	3.6	1.867	84.2	3.3	2.5	0.8
1316	5/23/2014 2:16:11	18.68	50.50	33.18	6.29	7.84	3.4	1.849	82.1	3.4	2.6	0.8
1317	5/23/2014 2:31:10	18.62	50.46	33.14	6.82	7.88	5.0	1.860	88.9	4.4	3.3	1.0
1318	5/23/2014 2:46:11	18.52	50.56	33.22	6.94	7.88	5.2	1.893	90.4	4.2	3.2	1.0
1319	5/23/2014 3:01:11	18.42	50.40	33.10	6.93	7.88	5.7	1.925	90.0	3.7	2.8	0.9
1320	5/23/2014 3:16:11	18.42	50.48	33.16	6.97	7.88	5.7	1.973	90.6	3.2	2.4	0.8
1321	5/23/2014 3:31:11	18.30	50.50	33.18	6.93	7.87	6.1	2.048	89.8	2.9	2.2	0.7
1322	5/23/2014 3:46:11	18.43	50.41	33.11	6.79	7.86	7.8	2.112	88.2	4.7	3.5	1.1
1323	5/23/2014 4:01:10	18.53	50.30	33.03	6.68	7.86	8.1	2.179	86.8	4.4	3.3	1.0
1324	5/23/2014 4:16:11	18.21	50.37	33.08	6.77	7.86	8.3	2.252	87.6	4.1	3.1	1.0
1325	5/23/2014 4:31:10	18.02	50.25	32.99	6.81	7.85	7.4	2.317	87.7	4.2	3.2	1.0
1326	5/23/2014 4:46:11	17.87	50.42	33.11	6.78	7.85	7.6	2.391	87.1	3.8	2.9	0.9
1327	5/23/2014 5:01:11	17.43	50.49	33.16	6.85	7.85	6.7	2.446	87.3	3.6	2.7	0.9
1328	5/23/2014 5:16:11	17.08	50.35	33.06	6.94	7.85	5.9	2.514	87.8	3.4	2.6	0.8
1329	5/23/2014 5:31:11	16.58	50.41	33.09	7.18	7.86	5.3	2.590	90.0	4.0	3.0	0.9
1330	5/23/2014 5:46:11	16.45	50.35	33.05	7.19	7.86	4.9	2.635	89.8	3.9	2.9	0.9
1331	5/23/2014 6:01:11	16.35	50.52	33.17	7.20	7.86	5.0	2.706	89.8	3.4	2.6	0.8
1332	5/23/2014 6:16:11	16.21	50.55	33.19	7.25	7.87	5.1	2.778	90.3	4.1	3.1	1.0
1333	5/23/2014 6:31:11	16.11	50.55	33.19	7.26	7.87	5.3	2.830	90.2	3.4	2.6	0.8
1334	5/23/2014 6:46:11	15.90	50.53	33.17	7.31	7.87	6.6	2.891	90.4	3.3	2.5	0.8
1335	5/23/2014 7:01:11	15.65	50.45	33.11	7.37	7.88	7.8	2.955	90.7	3.1	2.3	0.7
1336	5/23/2014 7:16:11	15.46	50.44	33.10	7.40	7.88	7.9	3.008	90.8	3.2	2.4	0.8
1337	5/23/2014 7:31:11	15.31	50.55	33.17	7.40	7.88		3.055	90.5	2.8	2.1	0.7
1338	5/23/2014 7:46:11	15.08	50.55	33.16	7.51	7.89	6.0	3.099	91.4	4.2	3.2	1.0
1339	5/23/2014 8:01:11	14.97	50.61	33.20	7.52	7.89	4.5	3.134	91.4	3.0	2.3	0.7
1340	5/23/2014 8:16:11	14.73	50.58	33.18	7.47	7.88	2.9	3.163	90.3	2.7	2.0	0.6
1341	5/23/2014 8:31:11	14.72	50.54	33.15	7.20	7.87	2.3	3.179	87.0	2.6	2.0	0.6
	Mean	16.46	50.21	32.93	7.92	7.97	7.56	2.58	98.85	4.82	3.61	3.61
	Minimum	12.10	49.33	32.30	5.93	7.82	2.10	0.96	76.90	1.00	0.75	0.75
	Maximum	20.51	51.02	33.44	10.42	8.15	19.10	3.98	137.50	27.40	20.55	20.55

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

Chlorophyll/Fluorescence displayed as *in vivo* (non-extractive) readings from YSI 6025 chlorophyll probe

Chlorophyll corrected with ratio derived from extractive analysis; Sample collected at 9:15; value = 1.20

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.75)	Fluorescence %FS

Flagged data due to suspect values (i.e., equipment malfunction, interference, etc.)

Data listed as outlier and discarded due to field issues (i.e., equipment malfunction, interference, etc.)

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
0	5/23/2014 9:01:03	14.74	50.07	32.81	6.86	7.90	5.6	2.855	82.8	3.4	1.0	0.8
1	5/23/2014 9:16:03	15.00	50.07	32.81	6.80	7.90	4.3	2.813	82.4	2.1	0.6	0.5
2	5/23/2014 9:31:03	15.25	50.00	32.77	6.74	7.89	4.5	2.756	82.2	2.5	0.7	0.6
3	5/23/2014 9:46:03	15.51	49.96	32.75	6.72	7.89	5.0	2.686	82.3	2.1	0.6	0.5
4	5/23/2014 10:01:03	15.66	49.92	32.72	6.85	7.89	6.8	2.594	84.2	2.5	0.7	0.6
5	5/23/2014 10:16:03	15.83	50.02	32.79	6.87	7.90	5.8	2.525	84.7	2.4	0.7	0.6
6	5/23/2014 10:31:03	15.97	50.00	32.78	6.89	7.90	6.0	2.442	85.2	2.9	0.8	0.7
7	5/23/2014 10:46:03	16.20	50.02	32.80	6.81	7.89	6.4	2.353	84.6	2.9	0.8	0.7
8	5/23/2014 11:01:03	16.36	50.04	32.82	7.10	7.91	6.4	2.265	88.5	2.4	0.7	0.6
9	5/23/2014 11:16:03	16.60	49.98	32.78	7.16	7.91	7.1	2.188	89.6	2.4	0.7	0.6
10	5/23/2014 11:31:02	16.87	50.04	32.83	7.23	7.92	7.0	2.099	91.0	2.6	0.7	0.6
11	5/23/2014 11:46:02	16.92	49.96	32.77	7.68	7.95	8.9	2.010	96.7	2.4	0.7	0.6
12	5/23/2014 12:01:02	17.08	49.99	32.79	7.80	7.96	6.3	1.917	98.5	2.9	0.8	0.7
13	5/23/2014 12:16:02	17.43	50.04	32.83	7.31	7.92	6.4	1.824	93.0	3.1	0.9	0.7
14	5/23/2014 12:31:02	17.64	50.02	32.82	7.57	7.94	6.8	1.753	96.6	3.0	0.9	0.7
15	5/23/2014 12:46:02	17.83	49.90	32.73	7.36	7.93	5.9	1.681	94.3	2.3	0.7	0.6
16	5/23/2014 13:01:02	18.15	50.03	32.83	6.92	7.91	5.6	1.607	89.3	2.6	0.7	0.6
17	5/23/2014 13:16:02	18.31	50.03	32.83	7.91	7.99	5.9	1.562	102.3	3.0	0.9	0.7
18	5/23/2014 13:31:02	18.39	50.03	32.83	7.71	7.98	5.3	1.528	99.9	2.4	0.7	0.6
19	5/23/2014 13:46:03	18.35	49.95	32.77	6.81	7.92	3.7	1.502	88.1	2.0	0.6	0.5
20	5/23/2014 14:01:02	18.36	50.01	32.82	7.71	7.98	5.6	1.493	99.7	3.0	0.9	0.7
21	5/23/2014 14:16:02	18.27	50.03	32.83	7.21	7.94	5.6	1.501	93.2	3.0	0.9	0.7
22	5/23/2014 14:31:03	18.22	50.04	32.84	6.87	7.90	5.1	1.536	88.8	2.8	0.8	0.7
23	5/23/2014 14:46:02	18.23	49.98	32.79	6.80	7.89	5.8	1.566	87.7	2.5	0.7	0.6
24	5/23/2014 15:01:02	18.31	50.04	32.83	6.68	7.88	4.5	1.621	86.4	3.1	0.9	0.7
25	5/23/2014 15:16:02	18.22	50.04	32.84	6.64	7.88	6.2	1.673	85.7	3.2	0.9	0.8
26	5/23/2014 15:31:02	18.19	49.90	32.74	6.59	7.87	6.3	1.745	84.9	3.2	0.9	0.8
27	5/23/2014 15:46:02	18.37	49.96	32.78	6.47	7.86	7.3	1.810	83.7	3.8	1.1	0.9
28	5/23/2014 16:01:02	18.22	49.99	32.80	6.50	7.86	5.6	1.879	83.9	2.8	0.8	0.7
29	5/23/2014 16:16:03	18.02	49.97	32.78	6.50	7.86	6.2	1.962	83.6	2.8	0.8	0.7
30	5/23/2014 16:31:02	17.91	49.90	32.73	6.56	7.86	6.3	2.035	84.1	3.2	0.9	0.8
31	5/23/2014 16:46:02	17.64	49.97	32.78	6.43	7.85	7.2	2.123	82.1	2.7	0.8	0.6
32	5/23/2014 17:01:03	17.31	49.99	32.79	6.50	7.86	6.2	2.205	82.4	2.9	0.8	0.7
33	5/23/2014 17:16:03	17.06	49.98	32.78	6.67	7.86	6.3	2.287	84.3	3.4	1.0	0.8
34	5/23/2014 17:31:03	16.78	49.86	32.69	6.69	7.87	7.3	2.378	83.9	3.1	0.9	0.7
35	5/23/2014 17:46:02	16.62	49.92	32.73	6.72	7.87	6.8	2.464	84.1	2.6	0.7	0.6
36	5/23/2014 18:01:03	16.47	50.01	32.80	6.76	7.87	7.0	2.546	84.4	2.9	0.8	0.7
37	5/23/2014 18:16:03	16.27	50.00	32.79	6.89	7.89	8.1	2.636	85.7	2.7	0.8	0.6
38	5/23/2014 18:31:03	16.05	50.02	32.80	6.96	7.89	8.7	2.723	86.1	3.5	1.0	0.8
39	5/23/2014 18:46:03	15.47	50.01	32.78	7.23	7.91	10.5	2.812	88.5	3.7	1.1	0.9
40	5/23/2014 19:01:03	15.08	50.02	32.78	7.49	7.93	10.1	2.904	91.0	4.9	1.4	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
41	5/23/2014 19:16:03	14.69	50.11	32.84	7.63	7.94	8.9	2.995	91.9	4.1	1.2	1.0
42	5/23/2014 19:31:03	13.92	50.11	32.81	7.67	7.94	10.4	3.084	91.0	5.6	1.6	1.3
43	5/23/2014 19:46:03	13.35	50.13	32.81	7.83	7.95	10.2	3.168	91.8	5.3	1.5	1.3
44	5/23/2014 20:01:03	13.07	50.28	32.91	7.92	7.96	9.5	3.244	92.5	8.9	2.6	2.1
45	5/23/2014 20:16:03	12.90	50.23	32.86	7.94	7.97	5.9	3.313	92.3	6.5	1.9	1.5
46	5/23/2014 20:31:03	12.86	50.32	32.92	7.98	7.98	6.8	3.360	92.7	5.8	1.7	1.4
47	5/23/2014 20:46:03	12.69	50.27	32.88	7.80	7.97	5.1	3.402	90.3	6.2	1.8	1.5
48	5/23/2014 21:01:03	12.68	50.33	32.92	6.91	7.93	1.9	3.421	79.9	5.4	1.6	1.3
49	5/23/2014 21:16:03	13.35	50.18	32.84	7.71	7.96	4.3	3.417	90.4	5.1	1.5	1.2
50	5/23/2014 21:31:03	12.83	50.31	32.92	7.71	7.97	6.1	3.399	89.6	10.4	3.0	2.5
51	5/23/2014 21:46:03	12.85	50.38	32.97	7.76	7.97	6.7	3.350	90.1	6.7	1.9	1.6
52	5/23/2014 22:01:03	13.41	50.24	32.89	7.59	7.95	7.6	3.280	89.2	5.8	1.7	1.4
53	5/23/2014 22:16:03	13.79	50.24	32.90	7.57	7.94	7.9	3.189	89.6	5.6	1.6	1.3
54	5/23/2014 22:31:03	14.71	50.22	32.91	7.46	7.94	7.1	3.102	90.0	3.9	1.1	0.9
55	5/23/2014 22:46:03	15.29	50.04	32.80	7.21	7.92	6.4	3.009	88.0	2.9	0.8	0.7
56	5/23/2014 23:01:03	15.42	50.11	32.85	7.40	7.94	8.3	2.901	90.5	3.6	1.0	0.9
57	5/23/2014 23:16:03	15.43	50.09	32.83	7.28	7.93	8.9	2.806	89.0	4.6	1.3	1.1
58	5/23/2014 23:31:03	15.53	50.02	32.79	7.14	7.91	7.9	2.700	87.4	3.7	1.1	0.9
59	5/23/2014 23:46:03	15.57	49.95	32.74	7.10	7.91	7.3	2.599	87.1	3.1	0.9	0.7
60	5/24/2014 0:01:03	15.82	50.03	32.80	6.97	7.90	6.4	2.494	85.9	2.7	0.8	0.6
61	5/24/2014 0:16:03	16.48	50.03	32.81	6.64	7.87	8.5	2.390	82.9	3.8	1.1	0.9
62	5/24/2014 0:31:03	16.74	50.01	32.80	6.50	7.86	6.5	2.286	81.6	3.0	0.9	0.7
63	5/24/2014 0:46:03	16.77	49.96	32.77	6.46	7.86	6.4	2.173	81.0	3.2	0.9	0.8
64	5/24/2014 1:01:03	16.67	50.02	32.81	6.57	7.86	8.1	2.073	82.3	2.9	0.8	0.7
65	5/24/2014 1:16:03	16.64	50.01	32.80	6.57	7.86	8.9	1.960	82.3	3.1	0.9	0.7
66	5/24/2014 1:31:03	16.69	50.01	32.80	6.54	7.85	9.4	1.847	82.0	3.0	0.9	0.7
67	5/24/2014 1:46:03	16.96	50.02	32.81	6.63	7.86	8.6	1.745	83.5	2.9	0.8	0.7
68	5/24/2014 2:01:03	17.20	50.03	32.82	6.62	7.86	7.5	1.653	83.8	3.2	0.9	0.8
69	5/24/2014 2:16:03	17.47	50.03	32.83	6.58	7.86	7.5	1.556	83.8	3.4	1.0	0.8
70	5/24/2014 2:31:02	17.35	49.98	32.79	6.55	7.85	7.1	1.491	83.1	2.8	0.8	0.7
71	5/24/2014 2:46:02	17.85	49.90	32.73	6.59	7.86	6.4	1.431	84.4	2.5	0.7	0.6
72	5/24/2014 3:01:03	17.93	50.06	32.85	6.58	7.86	6.1	1.377	84.5	3.1	0.9	0.7
73	5/24/2014 3:16:02	18.13	50.00	32.81	6.57	7.87	5.4	1.385	84.7	2.8	0.8	0.7
74	5/24/2014 3:31:02	18.01	49.99	32.80	6.49	7.86	4.4	1.391	83.4	3.1	0.9	0.7
75	5/24/2014 3:46:02	18.25	49.94	32.76	6.37	7.86	4.9	1.384	82.2	2.9	0.8	0.7
76	5/24/2014 4:01:02	18.18	49.92	32.75	6.58	7.87	4.7	1.444	84.9	3.0	0.9	0.7
77	5/24/2014 4:16:02	18.25	49.99	32.80	6.63	7.87	5.0	1.514	85.7	2.6	0.7	0.6
78	5/24/2014 4:31:03	18.26	50.03	32.83	6.66	7.88	4.9	1.564	86.1	3.0	0.9	0.7
79	5/24/2014 4:46:03	18.10	50.02	32.82	6.51	7.86	5.0	1.646	83.9	3.1	0.9	0.7
80	5/24/2014 5:01:03	18.32	49.90	32.73	6.37	7.85	7.2	1.717	82.4	3.1	0.9	0.7
81	5/24/2014 5:16:03	18.30	49.93	32.75	6.39	7.86	7.0	1.797	82.6	3.1	0.9	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
82	5/24/2014 5:31:02	18.02	49.90	32.73	6.43	7.85	7.4	1.879	82.7	3.1	0.9	0.7
83	5/24/2014 5:46:03	17.86	49.90	32.73	6.41	7.85	6.5	1.942	82.2	3.0	0.9	0.7
84	5/24/2014 6:01:03	17.75	49.94	32.76	6.40	7.85	6.8	2.015	81.8	3.1	0.9	0.7
85	5/24/2014 6:16:03	17.40	49.95	32.76	6.41	7.85	7.5	2.096	81.5	3.1	0.9	0.7
86	5/24/2014 6:31:03	16.89	49.97	32.77	6.48	7.85	6.3	2.161	81.5	2.6	0.7	0.6
87	5/24/2014 6:46:03	16.65	49.93	32.74	6.52	7.85	5.5	2.239	81.7	2.2	0.6	0.5
88	5/24/2014 7:01:03	16.50	49.93	32.74	6.54	7.85	5.4	2.307	81.7	2.5	0.7	0.6
89	5/24/2014 7:16:03	16.34	50.02	32.81	6.55	7.85	5.1	2.372	81.6	2.1	0.6	0.5
90	5/24/2014 7:31:03	16.25	49.89	32.71	6.61	7.86	5.3	2.450	82.2	2.3	0.7	0.5
91	5/24/2014 7:46:03	16.03	50.00	32.78	6.69	7.86	6.1	2.516	82.8	3.1	0.9	0.7
92	5/24/2014 8:01:03	15.85	50.02	32.80	6.69	7.87	5.3	2.569	82.5	3.1	0.9	0.7
93	5/24/2014 8:16:03	15.68	50.03	32.80	6.74	7.87	5.8	2.644	82.9	2.2	0.6	0.5
94	5/24/2014 8:31:03	15.47	50.06	32.81	6.77	7.87	6.7	2.699	82.9	2.5	0.7	0.6
95	5/24/2014 8:46:03	15.21	50.03	32.79	6.85	7.88	5.0	2.741	83.4	2.2	0.6	0.5
96	5/24/2014 9:01:03	14.99	50.07	32.81	6.86	7.88	5.2	2.802	83.2	2.7	0.8	0.6
97	5/24/2014 9:16:03	14.85	50.00	32.76	6.88	7.88	4.2	2.841	83.1	1.7	0.5	0.4
98	5/24/2014 9:31:03	14.77	50.01	32.76	6.51	7.86	3.1	2.863	78.6	2.3	0.7	0.5
99	5/24/2014 9:46:03	14.67	50.07	32.81	6.56	7.86	2.3	2.881	79.0	3.5	1.0	0.8
100	5/24/2014 10:01:03	14.74	50.10	32.83	6.90	7.88	4.7	2.883	83.3	2.5	0.7	0.6
101	5/24/2014 10:16:03	14.80	50.10	32.83	6.72	7.87	3.7	2.853	81.1	1.7	0.5	0.4
102	5/24/2014 10:31:03	14.82	50.03	32.78	6.74	7.88	4.0	2.806	81.4	2.6	0.7	0.6
103	5/24/2014 10:46:03	15.07	50.04	32.79	6.75	7.87	5.5	2.750	82.0	2.2	0.6	0.5
104	5/24/2014 11:01:03	15.67	50.08	32.84	6.86	7.88	5.8	2.683	84.3	2.4	0.7	0.6
105	5/24/2014 11:16:03	15.74	50.02	32.79	6.92	7.89	6.4	2.611	85.2	1.7	0.5	0.4
106	5/24/2014 11:31:03	15.97	50.00	32.78	7.02	7.90	5.3	2.525	86.8	3.2	0.9	0.8
107	5/24/2014 11:46:03	16.18	50.00	32.79	6.86	7.88	5.9	2.434	85.1	2.0	0.6	0.5
108	5/24/2014 12:01:03	16.36	49.99	32.78	6.67	7.87	6.4	2.365	83.0	2.4	0.7	0.6
109	5/24/2014 12:16:03	16.56	50.00	32.80	6.90	7.88	6.9	2.263	86.3	2.5	0.7	0.6
110	5/24/2014 12:31:03	16.84	49.93	32.74	7.42	7.92	6.2	2.190	93.3	2.1	0.6	0.5
111	5/24/2014 12:46:03	17.02	49.98	32.78	7.94	7.95	5.7	2.105	100.2	2.2	0.6	0.5
112	5/24/2014 13:01:03	17.19	50.00	32.80	8.10	7.97	5.6	2.019	102.5	1.6	0.5	0.4
113	5/24/2014 13:16:03	17.48	50.02	32.82	7.91	7.95	5.4	1.952	100.6	2.7	0.8	0.6
114	5/24/2014 13:31:03	17.66	49.99	32.80	7.85	7.95	5.5	1.856	100.3	2.4	0.7	0.6
115	5/24/2014 13:46:03	17.81	49.91	32.74	8.26	7.98	5.0	1.790	105.8	2.4	0.7	0.6
116	5/24/2014 14:01:03	17.96	50.00	32.81	8.03	7.97	4.6	1.741	103.2	2.4	0.7	0.6
117	5/24/2014 14:16:03	18.02	49.97	32.78	7.17	7.92	3.9	1.682	92.2	2.2	0.6	0.5
118	5/24/2014 14:31:03	18.13	49.97	32.79	7.37	7.94	4.7	1.633	95.0	2.2	0.6	0.5
119	5/24/2014 14:46:02	18.15	49.94	32.76	7.21	7.91	5.0	1.612	93.0	2.9	0.8	0.7
120	5/24/2014 15:01:02	18.16	50.01	32.81	8.08	7.99	4.3	1.619	104.2	1.9	0.5	0.5
121	5/24/2014 15:16:03	18.13	49.96	32.77	8.23	7.98	4.3	1.608	106.0	1.6	0.5	0.4
122	5/24/2014 15:31:02	18.16	50.00	32.80	7.48	7.93	3.8	1.613	96.5	2.1	0.6	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
123	5/24/2014 15:46:03	18.16	49.97	32.79	7.34	7.91	3.9	1.665	94.7	2.8	0.8	0.7
124	5/24/2014 16:01:02	18.26	50.02	32.82	7.23	7.91	4.2	1.728	93.4	2.8	0.8	0.7
125	5/24/2014 16:16:02	18.23	49.91	32.74	7.13	7.90	5.1	1.776	92.0	3.1	0.9	0.7
126	5/24/2014 16:31:03	18.13	50.03	32.83	7.08	7.89	4.9	1.840	91.3	2.8	0.8	0.7
127	5/24/2014 16:46:03	18.07	49.95	32.77	7.03	7.89	5.4	1.930	90.5	2.8	0.8	0.7
128	5/24/2014 17:01:03	18.08	49.92	32.75	7.01	7.88	5.4	2.012	90.3	3.5	1.0	0.8
129	5/24/2014 17:16:03	17.91	49.85	32.69	7.01	7.88	5.5	2.081	90.0	2.4	0.7	0.6
130	5/24/2014 17:31:03	17.75	50.03	32.82	7.04	7.88	5.5	2.165	90.0	4.5	1.3	1.1
131	5/24/2014 17:46:03	17.45	49.93	32.75	6.94	7.87	5.2	2.249	88.3	2.8	0.8	0.7
132	5/24/2014 18:01:03	16.97	50.03	32.82	6.94	7.87	6.5	2.333	87.5	2.8	0.8	0.7
133	5/24/2014 18:16:03	16.68	50.04	32.82	6.90	7.87	6.2	2.413	86.5	3.2	0.9	0.8
134	5/24/2014 18:31:03	16.51	50.04	32.82	6.94	7.87	6.9	2.501	86.7	3.0	0.9	0.7
135	5/24/2014 18:46:03	16.37	50.06	32.83	6.94	7.87	7.6	2.594	86.5	2.4	0.7	0.6
136	5/24/2014 19:01:03	16.17	49.99	32.78	7.02	7.88	8.5	2.682	87.1	3.1	0.9	0.7
137	5/24/2014 19:16:03	15.86	49.99	32.77	7.14	7.89	8.6	2.773	88.1	2.8	0.8	0.7
138	5/24/2014 19:31:03	15.30	50.07	32.82	7.35	7.90	10.0	2.863	89.7	3.3	1.0	0.8
139	5/24/2014 19:46:03	14.92	50.12	32.85	7.55	7.92	10.1	2.954	91.4	6.9	2.0	1.6
140	5/24/2014 20:01:03	14.54	50.16	32.87	7.74	7.93	8.7	3.052	93.0	4.7	1.4	1.1
141	5/24/2014 20:16:03	13.92	50.16	32.85	7.90	7.95	10.4	3.143	93.7	6.8	2.0	1.6
142	5/24/2014 20:31:03	13.24	50.31	32.93	8.08	7.96	9.5	3.223	94.7	7.0	2.0	1.7
143	5/24/2014 20:46:03	12.98	50.35	32.95	8.25	7.97	8.9	3.306	96.1	12.2	3.5	2.9
144	5/24/2014 21:01:03	12.82	50.33	32.93	8.41	7.99	7.8	3.377	97.6	8.0	2.3	1.9
145	5/24/2014 21:16:03	12.75	50.38	32.96	8.42	7.99	4.0	3.425	97.7	11.5	3.3	2.7
146	5/24/2014 21:31:03	12.74	50.34	32.93	8.38	7.99	3.6	3.473	97.1	8.4	2.4	2.0
147	5/24/2014 21:46:03	12.75	50.42	33.00	8.23	7.98	2.9	3.496	95.4	3.0	0.9	0.7
148	5/24/2014 22:01:03	12.94	50.40	32.99	8.18	7.98	5.4	3.494	95.3	4.8	1.4	1.1
149	5/24/2014 22:16:03	12.84	50.42	33.00	8.16	7.98	4.3	3.466	94.8	5.2	1.5	1.2
150	5/24/2014 22:31:03	12.93	50.33	32.94	8.05	7.97	6.9	3.419	93.7	5.5	1.6	1.3
151	5/24/2014 22:46:03	13.13	50.33	32.94	7.94	7.96	8.7	3.359	92.8	10.2	2.9	2.4
152	5/24/2014 23:01:04	13.14	50.33	32.95	7.94	7.96	10.4	3.263	92.8	8.7	2.5	2.1
153	5/24/2014 23:16:03	13.51	50.47	33.06	7.91	7.95	11.0	3.159	93.3	12.0	3.5	2.8
154	5/24/2014 23:31:03	15.20	50.15	32.88	7.51	7.94	12.3	3.063	91.5	4.5	1.3	1.1
155	5/24/2014 23:46:03	15.03	50.13	32.85	7.53	7.94	8.9	2.947	91.4	3.5	1.0	0.8
156	5/25/2014 0:01:03	15.15	50.17	32.89	7.43	7.93	9.0	2.833	90.4	4.6	1.3	1.1
157	5/25/2014 0:16:03	15.23	50.17	32.89	7.30	7.91	8.0	2.729	89.0	4.5	1.3	1.1
158	5/25/2014 0:31:03	15.32	50.08	32.83	7.19	7.90	9.1	2.614	87.7	3.9	1.1	0.9
159	5/25/2014 0:46:03	15.99	50.06	32.83	6.94	7.88	9.0	2.494	85.8	2.9	0.8	0.7
160	5/25/2014 1:01:03	16.32	50.10	32.86	6.87	7.87	8.0	2.386	85.5	3.3	1.0	0.8
161	5/25/2014 1:16:03	15.99	50.14	32.89	6.93	7.88	8.1	2.267	85.8	3.3	1.0	0.8
162	5/25/2014 1:31:03	16.44	50.01	32.80	6.92	7.87	9.7	2.123	86.3	3.3	1.0	0.8
163	5/25/2014 1:46:03	16.22	49.87	32.69	6.89	7.87	8.4	2.014	85.6	4.3	1.2	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
164	5/25/2014 2:01:03	16.45	50.02	32.81	6.90	7.87	9.4	1.893	86.1	3.8	1.1	0.9
165	5/25/2014 2:16:03	16.54	50.00	32.79	6.87	7.87	8.7	1.766	85.9	3.8	1.1	0.9
166	5/25/2014 2:31:02	16.68	50.08	32.85	6.80	7.87	8.6	1.636	85.3	2.8	0.8	0.7
167	5/25/2014 2:46:03	16.86	50.13	32.89	6.72	7.86	8.2	1.536	84.5	3.7	1.1	0.9
168	5/25/2014 3:01:03	17.04	50.10	32.87	6.70	7.86	7.3	1.422	84.6	2.6	0.7	0.6
169	5/25/2014 3:16:03	17.29	50.12	32.89	6.66	7.86	6.9	1.328	84.5	3.0	0.9	0.7
170	5/25/2014 3:31:03	17.56	50.06	32.84	6.68	7.87	8.1	1.257	85.2	3.6	1.0	0.8
171	5/25/2014 3:46:03	17.96	50.06	32.85	6.77	7.89	6.8	1.204	87.0	2.9	0.8	0.7
172	5/25/2014 4:01:03	17.92	50.07	32.85	6.67	7.88	5.6	1.168	85.6	3.2	0.9	0.8
173	5/25/2014 4:16:02	18.07	50.12	32.90	6.47	7.89	5.1	1.155	83.3	2.7	0.8	0.6
174	5/25/2014 4:31:02	18.17	49.89	32.72	6.76	7.91	6.2	1.191	87.2	2.7	0.8	0.6
175	5/25/2014 4:46:03	18.28	50.10	32.88	6.88	7.92	6.8	1.220	88.9	2.7	0.8	0.6
176	5/25/2014 5:01:03	18.18	50.04	32.84	6.85	7.90	5.6	1.261	88.4	3.2	0.9	0.8
177	5/25/2014 5:16:03	18.21	50.09	32.87	6.86	7.91	6.3	1.349	88.6	2.8	0.8	0.7
178	5/25/2014 5:31:03	18.13	50.08	32.86	6.82	7.90	6.8	1.412	87.9	3.2	0.9	0.8
179	5/25/2014 5:46:03	18.20	49.90	32.73	6.61	7.88	9.3	1.484	85.2	3.9	1.1	0.9
180	5/25/2014 6:01:03	18.21	49.90	32.73	6.52	7.87	9.4	1.573	84.1	3.6	1.0	0.9
181	5/25/2014 6:16:03	17.94	50.04	32.83	6.65	7.87	9.0	1.649	85.4	3.4	1.0	0.8
182	5/25/2014 6:31:03	17.79	49.93	32.76	6.62	7.86	8.5	1.721	84.8	2.9	0.8	0.7
183	5/25/2014 6:46:03	17.66	49.99	32.79	6.62	7.86	7.4	1.806	84.6	2.7	0.8	0.6
184	5/25/2014 7:01:02	17.52	50.00	32.80	6.61	7.86	10.2	1.905	84.2	3.1	0.9	0.7
185	5/25/2014 7:16:03	17.20	50.01	32.80	6.61	7.85	10.7	1.969	83.7	2.9	0.8	0.7
186	5/25/2014 7:31:03	16.67	50.02	32.81	6.68	7.85	7.2	2.055	83.7	3.1	0.9	0.7
187	5/25/2014 7:46:03	16.51	50.09	32.86	6.69	7.85	6.6	2.150	83.6	2.7	0.8	0.6
188	5/25/2014 8:01:03	16.36	50.06	32.84	6.72	7.85	6.4	2.229	83.7	2.6	0.7	0.6
189	5/25/2014 8:16:03	16.24	50.12	32.87	6.73	7.85	6.2	2.301	83.6	2.7	0.8	0.6
190	5/25/2014 8:31:03	16.07	50.12	32.87	6.79	7.85	7.2	2.379	84.1	3.0	0.9	0.7
191	5/25/2014 8:46:03	15.90	50.10	32.85	6.85	7.86	7.4	2.465	84.6	3.3	1.0	0.8
192	5/25/2014 9:01:03	15.72	50.12	32.87	6.90	7.86	8.2	2.537	84.8	3.5	1.0	0.8
193	5/25/2014 9:16:03	15.55	50.08	32.83	6.93	7.87	8.3	2.596	85.0	2.4	0.7	0.6
194	5/25/2014 9:31:03	15.25	50.10	32.84	7.11	7.88	8.7	2.663	86.7	3.9	1.1	0.9
195	5/25/2014 9:46:03	15.03	50.13	32.85	7.18	7.88	8.9	2.738	87.1	3.0	0.9	0.7
196	5/25/2014 10:01:03	14.81	50.16	32.87	7.29	7.89	6.4	2.780	88.2	6.5	1.9	1.5
197	5/25/2014 10:16:03	14.50	50.17	32.87	7.43	7.90	5.6	2.834	89.2	9.4	2.7	2.2
198	5/25/2014 10:31:03	14.12	50.20	32.88	7.53	7.91	4.2	2.874	89.7	4.7	1.4	1.1
199	5/25/2014 10:46:03	13.97	50.13	32.83	7.45	7.91	3.1	2.883	88.5	4.8	1.4	1.1
200	5/25/2014 11:01:03	14.36	50.21	32.90	7.38	7.91	3.6	2.908	88.3	6.3	1.8	1.5
201	5/25/2014 11:16:03	13.94	50.24	32.91	7.40	7.91	7.0	2.882	87.9	3.7	1.1	0.9
202	5/25/2014 11:31:03	14.02	50.21	32.89	7.41	7.91	5.6	2.832	88.1	3.6	1.0	0.8
203	5/25/2014 11:46:03	14.31	50.11	32.82	7.20	7.90	4.9	2.800	86.1	3.6	1.0	0.8
204	5/25/2014 12:01:03	15.08	50.02	32.78	7.19	7.91	5.4	2.734	87.3	3.7	1.1	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
205	5/25/2014 12:16:03	15.74	50.10	32.85	7.32	7.90	6.5	2.654	90.1	4.1	1.2	1.0
206	5/25/2014 12:31:03	16.09	50.01	32.79	7.33	7.91	7.2	2.561	90.8	3.2	0.9	0.8
207	5/25/2014 12:46:03	16.36	50.05	32.82	7.54	7.92	6.6	2.473	94.0	2.3	0.7	0.5
208	5/25/2014 13:01:03	16.45	50.05	32.83	7.19	7.89	5.6	2.406	89.7	2.8	0.8	0.7
209	5/25/2014 13:16:03	16.64	49.95	32.76	7.13	7.89	7.3	2.305	89.3	2.6	0.7	0.6
210	5/25/2014 13:31:03	16.96	50.10	32.87	7.03	7.88	6.8	2.226	88.6	1.6	0.5	0.4
211	5/25/2014 13:46:03	17.40	50.05	32.84	6.98	7.88	6.8	2.156	88.7	1.8	0.5	0.4
212	5/25/2014 14:01:03	17.69	49.97	32.78	7.23	7.89	6.3	2.068	92.3	2.2	0.6	0.5
213	5/25/2014 14:16:03	17.91	50.07	32.86	7.23	7.90	5.8	1.998	92.8	2.0	0.6	0.5
214	5/25/2014 14:31:02	18.10	50.03	32.83	7.59	7.94	4.3	1.924	97.8	1.9	0.5	0.4
215	5/25/2014 14:46:02	18.34	50.05	32.84	7.89	7.96	4.0	1.856	102.1	2.0	0.6	0.5
216	5/25/2014 15:01:03	18.52	50.08	32.86	8.12	7.96	4.7	1.782	105.4	2.2	0.6	0.5
217	5/25/2014 15:16:03	18.61	50.08	32.87	7.78	7.96	4.0	1.753	101.3	1.9	0.5	0.4
218	5/25/2014 15:31:02	18.66	50.01	32.82	7.70	7.95	3.4	1.725	100.2	1.8	0.5	0.4
219	5/25/2014 15:46:03	18.66	50.06	32.85	7.60	7.94	3.6	1.676	98.9	1.5	0.4	0.4
220	5/25/2014 16:01:03	18.69	50.13	32.90	8.59	7.99	5.4	1.700	112.0	2.4	0.7	0.6
221	5/25/2014 16:16:03	18.61	50.06	32.85	8.03	7.96	4.5	1.707	104.4	3.8	1.1	0.9
222	5/25/2014 16:31:03	18.58	50.07	32.86	8.08	7.96	4.4	1.729	105.0	2.8	0.8	0.7
223	5/25/2014 16:46:03	18.66	50.10	32.88	7.89	7.95	5.0	1.775	102.7	3.8	1.1	0.9
224	5/25/2014 17:01:03	18.79	50.05	32.84	7.78	7.94	5.4	1.834	101.6	3.4	1.0	0.8
225	5/25/2014 17:16:02	18.52	50.01	32.81	7.68	7.93	5.4	1.903	99.8	3.4	1.0	0.8
226	5/25/2014 17:31:02	18.69	49.93	32.76	7.56	7.92	6.3	1.975	98.5	3.4	1.0	0.8
227	5/25/2014 17:46:02	18.53	49.94	32.76	7.52	7.91	6.1	2.060	97.6	3.0	0.9	0.7
228	5/25/2014 18:01:02	18.12	50.06	32.85	7.61	7.91	5.9	2.136	98.0	3.6	1.0	0.9
229	5/25/2014 18:16:03	17.82	50.07	32.85	7.53	7.90	5.8	2.213	96.4	2.9	0.8	0.7
230	5/25/2014 18:31:03	17.43	50.07	32.85	7.50	7.90	6.7	2.299	95.4	2.2	0.6	0.5
231	5/25/2014 18:46:03	17.03	50.06	32.84	7.43	7.89	7.0	2.388	93.7	3.7	1.1	0.9
232	5/25/2014 19:01:03	16.60	50.07	32.84	7.30	7.89	6.8	2.461	91.4	3.5	1.0	0.8
233	5/25/2014 19:16:03	16.45	50.05	32.83	7.28	7.88	6.4	2.542	90.9	2.8	0.8	0.7
234	5/25/2014 19:31:03	16.23	50.08	32.84	7.28	7.88	8.4	2.641	90.5	4.4	1.3	1.0
235	5/25/2014 19:46:03	15.77	50.10	32.85	7.53	7.90	9.2	2.718	92.7	5.8	1.7	1.4
236	5/25/2014 20:01:03	15.31	50.12	32.86	7.79	7.92	9.7	2.809	95.1	5.5	1.6	1.3
237	5/25/2014 20:16:03	14.73	50.11	32.84	8.13	7.95	11.5	2.909	98.0	5.8	1.7	1.4
238	5/25/2014 20:31:03	14.31	50.21	32.90	8.25	7.96	9.9	3.000	98.8	7.6	2.2	1.8
239	5/25/2014 20:46:03	13.91	50.26	32.92	8.33	7.97	9.7	3.090	98.9	10.1	2.9	2.4
240	5/25/2014 21:01:03	13.28	50.33	32.95	8.41	7.97	11.2	3.190	98.6	13.4	3.9	3.2
241	5/25/2014 21:16:03	12.69	50.36	32.95	8.59	7.98	10.1	3.275	99.5	13.6	3.9	3.2
242	5/25/2014 21:31:03	12.56	50.33	32.92	8.78	8.00	5.5	3.346	101.3	14.4	4.1	3.4
243	5/25/2014 21:46:03	12.45	50.44	32.99	9.08	8.02	6.4	3.423	104.6	18.7	5.4	4.4
244	5/25/2014 22:01:03	12.41	50.41	32.97	9.13	8.03	5.4	3.475	105.1	12.4	3.6	2.9
245	5/25/2014 22:16:03	12.41	50.45	33.00	9.05	8.03	5.0	3.500	104.2	9.7	2.8	2.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
246	5/25/2014 22:31:03	12.40	50.45	33.00	8.75	8.02	2.6	3.530	100.7	10.0	2.9	2.4
247	5/25/2014 22:46:03	12.78	50.36	32.95	8.48	7.99	6.1	3.534	98.3	5.4	1.6	1.3
248	5/25/2014 23:01:03	12.57	50.43	33.00	8.24	8.00	3.7	3.498	95.2	9.7	2.8	2.3
249	5/25/2014 23:16:04	12.49	50.40	32.97	8.58	8.01	6.3	3.436	98.9	13.7	3.9	3.2
250	5/25/2014 23:31:03	13.12	50.24	32.88	8.25	7.97	6.7	3.377	96.3	7.7	2.2	1.8
251	5/25/2014 23:46:03	13.59	50.29	32.93	8.24	7.97	5.4	3.298	97.2	12.0	3.5	2.9
252	5/26/2014 0:01:03	13.89	50.24	32.90	8.19	7.96	5.9	3.172	97.2	5.9	1.7	1.4
253	5/26/2014 0:16:03	14.64	50.26	32.94	7.69	7.94	7.5	3.061	92.7	4.5	1.3	1.1
254	5/26/2014 0:31:03	14.79	50.24	32.93	7.81	7.95	9.5	2.963	94.4	6.7	1.9	1.6
255	5/26/2014 0:46:03	14.85	50.20	32.91	7.79	7.94	7.3	2.845	94.2	5.0	1.4	1.2
256	5/26/2014 1:01:03	14.85	50.23	32.93	7.72	7.94	7.0	2.711	93.4	7.0	2.0	1.7
257	5/26/2014 1:16:03	15.27	50.18	32.90	7.59	7.92	7.8	2.597	92.6	4.3	1.2	1.0
258	5/26/2014 1:31:03	15.43	50.25	32.95	7.48	7.91	6.7	2.473	91.6	4.0	1.2	0.9
259	5/26/2014 1:46:03	15.99	50.17	32.91	7.16	7.89	7.3	2.341	88.6	3.6	1.0	0.9
260	5/26/2014 2:01:03	16.37	50.11	32.87	7.07	7.88	8.3	2.226	88.1	3.4	1.0	0.8
261	5/26/2014 2:16:03	16.67	50.11	32.87	6.97	7.88	8.9	2.078	87.4	3.2	0.9	0.8
262	5/26/2014 2:31:03	16.75	50.14	32.90	6.97	7.88	10.4	1.955	87.6	3.2	0.9	0.8
263	5/26/2014 2:46:03	16.37	50.02	32.80	6.93	7.86	8.2	1.816	86.4	4.0	1.2	0.9
264	5/26/2014 3:01:03	16.99	50.10	32.87	7.04	7.89	9.8	1.685	88.8	3.3	1.0	0.8
265	5/26/2014 3:16:03	17.03	50.09	32.86	6.97	7.88	8.3	1.562	88.0	3.2	0.9	0.8
266	5/26/2014 3:31:03	17.36	50.08	32.86	6.96	7.88	8.1	1.405	88.5	3.0	0.9	0.7
267	5/26/2014 3:46:03	17.68	50.15	32.92	7.02	7.89	7.6	1.303	89.7	3.0	0.9	0.7
268	5/26/2014 4:01:03	17.96	50.10	32.88	7.05	7.90	7.6	1.203	90.6	3.0	0.9	0.7
269	5/26/2014 4:16:03	18.51	50.17	32.94	7.25	7.93	6.7	1.092	94.2	3.2	0.9	0.8
270	5/26/2014 4:31:03	18.55	50.16	32.92	7.19	7.93	6.3	1.034	93.5	3.1	0.9	0.7
271	5/26/2014 4:46:03	18.33	49.93	32.76	7.02	7.91	5.7	0.988	90.8	3.4	1.0	0.8
272	5/26/2014 5:01:03	18.77	50.10	32.88	7.26	7.94	4.8	0.988	94.8	3.7	1.1	0.9
273	5/26/2014 5:16:03	18.67	50.19	32.95	7.29	7.94	5.0	1.003	95.1	2.8	0.8	0.7
274	5/26/2014 5:31:03	18.62	50.14	32.91	7.29	7.93	5.1	1.055	94.8	3.1	0.9	0.7
275	5/26/2014 5:46:03	18.62	50.09	32.88	7.31	7.93	5.2	1.111	95.1	2.9	0.8	0.7
276	5/26/2014 6:01:03	18.67	50.16	32.93	7.31	7.93	5.4	1.193	95.2	3.1	0.9	0.7
277	5/26/2014 6:16:03	18.58	50.17	32.93	7.24	7.93	5.6	1.280	94.2	3.1	0.9	0.7
278	5/26/2014 6:31:03	18.74	49.84	32.69	6.77	7.88	7.9	1.342	88.2	3.7	1.1	0.9
279	5/26/2014 6:46:03	18.71	49.91	32.74	6.71	7.87	7.9	1.431	87.4	2.6	0.7	0.6
280	5/26/2014 7:01:02	18.61	49.79	32.66	6.79	7.87	8.0	1.517	88.2	3.6	1.0	0.9
281	5/26/2014 7:16:03	18.30	50.02	32.82	6.94	7.89	7.1	1.596	89.7	2.3	0.7	0.5
282	5/26/2014 7:31:03	18.20	50.08	32.87	6.94	7.89	6.1	1.677	89.5	2.7	0.8	0.6
283	5/26/2014 7:46:03	18.08	50.02	32.82	6.96	7.88	6.7	1.768	89.6	2.5	0.7	0.6
284	5/26/2014 8:01:03	17.70	50.09	32.87	6.89	7.87	7.9	1.858	88.0	2.9	0.8	0.7
285	5/26/2014 8:16:03	17.46	50.07	32.86	6.87	7.87	7.2	1.950	87.5	2.6	0.7	0.6
286	5/26/2014 8:31:03	17.26	50.08	32.86	6.88	7.86	7.2	2.046	87.2	3.0	0.9	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
287	5/26/2014 8:46:03	17.07	50.13	32.89	6.88	7.86	6.9	2.141	87.0	3.6	1.0	0.9
288	5/26/2014 9:01:03	16.85	50.12	32.88	6.92	7.86	7.5	2.231	87.1	3.2	0.9	0.8
289	5/26/2014 9:16:03	16.65	50.13	32.89	6.96	7.86	6.9	2.316	87.2	2.9	0.8	0.7
290	5/26/2014 9:31:03	16.40	49.99	32.78	7.03	7.87	7.7	2.405	87.7	3.4	1.0	0.8
291	5/26/2014 9:46:03	16.18	50.07	32.83	7.05	7.87	7.9	2.495	87.5	4.3	1.2	1.0
292	5/26/2014 10:01:03	15.92	50.13	32.88	7.12	7.87	8.3	2.564	87.9	3.4	1.0	0.8
293	5/26/2014 10:16:04	15.51	50.14	32.87	7.24	7.88	8.7	2.640	88.8	4.6	1.3	1.1
294	5/26/2014 10:31:03	15.25	50.15	32.88	7.34	7.89	8.3	2.719	89.4	4.1	1.2	1.0
295	5/26/2014 10:46:03	14.79	50.15	32.86	7.48	7.90	8.3	2.773	90.3	6.9	2.0	1.6
296	5/26/2014 11:01:03	14.22	50.23	32.91	7.72	7.91	7.5	2.838	92.2	6.7	1.9	1.6
297	5/26/2014 11:16:03	13.82	50.24	32.90	7.93	7.93	6.1	2.889	93.9	7.4	2.1	1.8
298	5/26/2014 11:31:03	13.62	50.26	32.91	8.05	7.94	4.9	2.923	95.0	5.0	1.4	1.2
299	5/26/2014 11:46:03	13.55	50.24	32.90	8.04	7.95	3.2	2.957	94.8	22.0	6.3	5.2
300	5/26/2014 12:01:03	13.87	50.26	32.92	7.93	7.94	4.2	2.962	94.1	9.6	2.8	2.3
301	5/26/2014 12:16:03	13.64	50.27	32.92	7.89	7.94	5.0	2.945	93.1	5.9	1.7	1.4
302	5/26/2014 12:31:03	13.69	50.25	32.91	7.84	7.94	6.7	2.905	92.6	5.0	1.4	1.2
303	5/26/2014 12:46:03	14.05	50.20	32.89	7.80	7.94	5.8	2.852	92.8	6.4	1.8	1.5
304	5/26/2014 13:01:03	15.02	50.16	32.88	7.81	7.94	9.2	2.778	94.8	5.0	1.4	1.2
305	5/26/2014 13:16:03	15.54	50.03	32.80	7.92	7.95	13.3	2.695	97.1	7.2	2.1	1.7
306	5/26/2014 13:31:03	15.74	50.05	32.82	7.88	7.94	11.7	2.604	97.0	6.5	1.9	1.5
307	5/26/2014 13:46:03	15.92	50.00	32.78	8.01	7.95	12.9	2.516	98.9	5.4	1.6	1.3
308	5/26/2014 14:01:03	16.22	50.06	32.83	8.21	7.97	13.0	2.435	102.0	4.2	1.2	1.0
309	5/26/2014 14:16:03	16.75	50.03	32.82	8.07	7.96	13.6	2.354	101.3	4.0	1.2	0.9
310	5/26/2014 14:31:03	17.04	50.02	32.81	8.24	7.97	12.2	2.271	104.0	3.5	1.0	0.8
311	5/26/2014 14:46:03	17.50	50.02	32.82	7.94	7.95	12.8	2.197	101.1	3.8	1.1	0.9
312	5/26/2014 15:01:02	17.79	49.79	32.65	8.18	7.97	12.5	2.108	104.6	3.5	1.0	0.8
313	5/26/2014 15:16:02	18.05	49.88	32.72	8.01	7.97	9.7	2.034	103.1	3.2	0.9	0.8
314	5/26/2014 15:31:02	18.28	50.03	32.83	7.52	7.93	10.5	1.981	97.2	3.0	0.9	0.7
315	5/26/2014 15:46:03	18.32	49.93	32.75	7.53	7.94	8.2	1.901	97.4	2.4	0.7	0.6
316	5/26/2014 16:01:03	18.43	49.92	32.75	8.00	7.99	11.7	1.858	103.7	2.3	0.7	0.5
317	5/26/2014 16:16:03	18.52	49.98	32.79	7.07	7.91	8.4	1.815	91.7	3.0	0.9	0.7
318	5/26/2014 16:31:02	18.47	50.03	32.83	6.55	7.89	5.5	1.787	85.0	2.2	0.6	0.5
319	5/26/2014 16:46:02	18.48	50.02	32.82	6.53	7.88	5.1	1.766	84.8	2.6	0.7	0.6
320	5/26/2014 17:01:03	18.48	50.09	32.88	8.63	8.02	7.3	1.785	112.0	2.7	0.8	0.6
321	5/26/2014 17:16:03	18.61	50.09	32.87	8.06	7.97	8.0	1.810	104.9	3.2	0.9	0.8
322	5/26/2014 17:31:02	18.69	50.03	32.83	8.01	7.96	7.6	1.833	104.4	4.1	1.2	1.0
323	5/26/2014 17:46:03	18.77	50.10	32.88	7.95	7.95	7.9	1.900	103.7	4.3	1.2	1.0
324	5/26/2014 18:01:03	18.87	50.09	32.88	7.81	7.95	8.3	1.965	102.1	4.4	1.3	1.1
325	5/26/2014 18:16:03	18.75	50.12	32.89	7.72	7.94	9.5	2.038	100.8	3.4	1.0	0.8
326	5/26/2014 18:31:02	18.71	50.08	32.87	7.72	7.93	8.0	2.113	100.7	4.0	1.2	0.9
327	5/26/2014 18:46:02	18.66	50.09	32.87	7.66	7.92	9.2	2.196	99.7	3.8	1.1	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
328	5/26/2014 19:01:03	18.30	50.02	32.82	7.74	7.92	9.4	2.277	100.0	3.2	0.9	0.8
329	5/26/2014 19:16:03	17.85	50.06	32.85	7.66	7.91	12.6	2.358	98.2	3.8	1.1	0.9
330	5/26/2014 19:31:03	17.37	50.05	32.84	7.59	7.91	9.9	2.445	96.4	2.8	0.8	0.7
331	5/26/2014 19:46:03	16.75	50.06	32.84	7.66	7.91	9.9	2.526	96.2	4.8	1.4	1.1
332	5/26/2014 20:01:03	16.36	50.10	32.86	7.66	7.91	9.0	2.607	95.5	4.6	1.3	1.1
333	5/26/2014 20:16:03	16.09	50.17	32.91	7.69	7.91	8.0	2.701	95.3	5.8	1.7	1.4
334	5/26/2014 20:31:03	15.69	50.11	32.86	7.81	7.92	10.6	2.790	96.1	5.0	1.4	1.2
335	5/26/2014 20:46:03	15.07	50.21	32.91	7.98	7.93	10.6	2.878	97.0	6.9	2.0	1.6
336	5/26/2014 21:01:03	14.65	50.21	32.91	8.06	7.94	12.0	2.970	97.1	8.2	2.4	1.9
337	5/26/2014 21:16:03	14.06	50.25	32.92	8.24	7.95	10.9	3.067	98.1	9.7	2.8	2.3
338	5/26/2014 21:31:03	13.57	50.38	33.00	8.25	7.96	9.1	3.160	97.3	10.3	3.0	2.4
339	5/26/2014 21:46:03	13.10	50.26	32.90	8.23	7.95	10.8	3.247	96.0	10.7	3.1	2.5
340	5/26/2014 22:01:03	12.60	50.39	32.97	8.28	7.96	9.8	3.329	95.7	12.2	3.5	2.9
341	5/26/2014 22:16:03	12.42	50.50	33.04	8.41	7.97	7.7	3.409	96.9	13.5	3.9	3.2
342	5/26/2014 22:31:03	12.25	50.52	33.04	8.57	7.98	6.4	3.470	98.4	13.1	3.8	3.1
343	5/26/2014 22:46:03	12.16	50.43	32.98	8.54	7.98	4.3	3.516	97.8	8.6	2.5	2.0
344	5/26/2014 23:01:03	12.12	50.45	32.99	8.53	7.98	4.3	3.558	97.7	12.9	3.7	3.1
345	5/26/2014 23:16:03	12.69	50.48	33.04	8.25	7.97	4.5	3.573	95.6	10.3	3.0	2.4
346	5/26/2014 23:31:03	12.59	50.43	32.99	8.07	7.96	3.4	3.552	93.3	9.0	2.6	2.1
347	5/26/2014 23:46:03	12.30	50.49	33.03	8.22	7.97	4.0	3.523	94.4	9.2	2.6	2.2
348	5/27/2014 0:01:03	12.66	50.43	33.00	8.02	7.95	7.0	3.462	92.9	12.8	3.7	3.0
349	5/27/2014 0:16:03	12.55	50.44	33.00	8.10	7.96	6.7	3.376	93.5	9.4	2.7	2.2
350	5/27/2014 0:31:03	12.97	50.05	32.74	7.99	7.94	8.3	3.279	92.9	11.0	3.2	2.6
351	5/27/2014 0:46:03	14.09	50.25	32.92	7.69	7.93	8.5	3.176	91.6	9.0	2.6	2.1
352	5/27/2014 1:01:03	14.67	50.22	32.92	7.70	7.94	9.7	3.052	92.8	7.7	2.2	1.8
353	5/27/2014 1:16:03	14.52	50.20	32.89	7.67	7.94	8.3	2.937	92.2	6.0	1.7	1.4
354	5/27/2014 1:31:03	14.65	50.27	32.95	7.68	7.93	10.5	2.814	92.5	6.3	1.8	1.5
355	5/27/2014 1:46:04	15.12	50.27	32.96	7.56	7.92	14.3	2.687	92.0	6.7	1.9	1.6
356	5/27/2014 2:01:03	15.07	50.29	32.97	7.39	7.91	7.6	2.576	89.8	5.8	1.7	1.4
357	5/27/2014 2:16:03	15.97	50.14	32.88	7.16	7.89	11.0	2.437	88.5	4.1	1.2	1.0
358	5/27/2014 2:31:03	16.27	50.17	32.91	7.04	7.89	9.9	2.303	87.5	4.0	1.2	0.9
359	5/27/2014 2:46:03	16.00	50.19	32.92	7.05	7.89	9.6	2.175	87.3	4.3	1.2	1.0
360	5/27/2014 3:01:03	16.31	50.27	32.99	7.17	7.89	12.5	2.039	89.3	4.1	1.2	1.0
361	5/27/2014 3:16:03	16.19	50.21	32.94	7.11	7.89	12.6	1.879	88.4	3.8	1.1	0.9
362	5/27/2014 3:31:03	16.22	50.25	32.97	7.06	7.88	11.5	1.739	87.7	3.8	1.1	0.9
363	5/27/2014 3:46:03	16.41	50.26	32.98	6.95	7.87	12.5	1.610	86.7	3.8	1.1	0.9
364	5/27/2014 4:01:03	16.62	50.09	32.86	6.80	7.86	10.0	1.467	85.2	4.1	1.2	1.0
365	5/27/2014 4:16:03	16.86	50.19	32.93	6.82	7.86	11.4	1.323	85.9	3.0	0.9	0.7
366	5/27/2014 4:31:03	17.05	50.24	32.97	6.74	7.86	9.0	1.187	85.1	4.0	1.2	1.0
367	5/27/2014 4:46:03	17.20	50.19	32.94	6.68	7.85	9.0	1.075	84.7	3.2	0.9	0.8
368	5/27/2014 5:01:03	17.36	50.03	32.83	6.56	7.84	9.5	0.981	83.4	3.8	1.1	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
369	5/27/2014 5:16:03	17.41	50.04	32.83	6.36	7.83	10.1	0.892	80.8	3.1	0.9	0.7
370	5/27/2014 5:31:03	17.82	50.03	32.83	6.33	7.83	9.0	0.859	81.1	4.0	1.2	0.9
371	5/27/2014 5:46:03	17.39	50.19	32.94	6.50	7.83	13.7	0.857	82.7	3.9	1.1	0.9
372	5/27/2014 6:01:03	17.86	50.23	32.97	6.48	7.84	8.5	0.881	83.2	3.8	1.1	0.9
373	5/27/2014 6:16:03	17.75	50.17	32.93	6.56	7.84	7.9	0.929	84.0	3.7	1.1	0.9
374	5/27/2014 6:31:02	17.89	50.20	32.95	6.55	7.84	8.1	1.009	84.1	3.6	1.0	0.8
375	5/27/2014 6:46:03	18.02	50.25	32.99	6.49	7.84	10.3	1.089	83.5	3.3	1.0	0.8
376	5/27/2014 7:01:02	17.97	50.21	32.96	6.49	7.84	9.0	1.152	83.5	3.0	0.9	0.7
377	5/27/2014 7:16:03	17.92	50.20	32.95	6.47	7.83	10.7	1.239	83.1	3.4	1.0	0.8
378	5/27/2014 7:31:03	17.92	50.12	32.89	6.50	7.84	12.5	1.319	83.5	3.7	1.1	0.9
379	5/27/2014 7:46:03	17.94	50.06	32.85	6.45	7.84	13.1	1.401	82.8	4.5	1.3	1.1
380	5/27/2014 8:01:03	17.89	50.16	32.92	6.52	7.85	12.7	1.475	83.7	3.6	1.0	0.8
381	5/27/2014 8:16:03	17.76	50.16	32.92	6.58	7.85	11.9	1.570	84.3	3.8	1.1	0.9
382	5/27/2014 8:31:03	17.68	50.08	32.86	6.60	7.85	11.8	1.669	84.4	3.6	1.0	0.9
383	5/27/2014 8:46:03	17.61	50.20	32.95	6.59	7.85	14.0	1.762	84.2	2.8	0.8	0.7
384	5/27/2014 9:01:03	17.19	50.20	32.95	6.78	7.86	13.4	1.861	85.9	4.1	1.2	1.0
385	5/27/2014 9:16:03	16.78	50.22	32.96	6.97	7.87	10.0	1.962	87.6	3.3	1.0	0.8
386	5/27/2014 9:31:03	16.65	50.17	32.91	7.04	7.87	10.1	2.072	88.2	3.6	1.0	0.9
387	5/27/2014 9:46:03	16.47	50.10	32.86	7.12	7.87	10.0	2.166	88.9	3.5	1.0	0.8
388	5/27/2014 10:01:03	16.45	50.16	32.91	7.12	7.87	9.7	2.261	88.9	3.9	1.1	0.9
389	5/27/2014 10:16:03	16.24	50.23	32.95	7.21	7.88	10.1	2.354	89.6	3.7	1.1	0.9
390	5/27/2014 10:31:03	15.99	50.18	32.92	7.25	7.88	11.0	2.439	89.7	4.9	1.4	1.2
391	5/27/2014 10:46:03	15.80	50.14	32.89	7.30	7.89	14.7	2.524	90.0	4.0	1.2	0.9
392	5/27/2014 11:01:03	15.46	50.19	32.91	7.46	7.90	12.5	2.602	91.4	5.5	1.6	1.3
393	5/27/2014 11:16:03	15.26	50.22	32.93	7.54	7.90	13.5	2.676	91.9	5.5	1.6	1.3
394	5/27/2014 11:31:03	14.73	50.22	32.92	7.66	7.91	13.0	2.742	92.4	6.4	1.8	1.5
395	5/27/2014 11:46:03	14.16	50.29	32.95	7.93	7.93	10.4	2.798	94.7	6.8	2.0	1.6
396	5/27/2014 12:01:04	13.83	50.33	32.97	8.11	7.94	8.6	2.856	96.2	8.7	2.5	2.1
397	5/27/2014 12:16:03	13.74	50.28	32.93	8.13	7.95	6.0	2.899	96.2	7.6	2.2	1.8
398	5/27/2014 12:31:03	13.61	50.34	32.97	8.22	7.96	4.7	2.928	97.0	9.2	2.6	2.2
399	5/27/2014 12:46:03	13.66	50.23	32.89	8.07	7.95	4.3	2.939	95.3	8.5	2.4	2.0
400	5/27/2014 13:01:03	13.67	50.31	32.95	7.99	7.95	5.3	2.934	94.4	10.8	3.1	2.6
401	5/27/2014 13:16:03	13.68	50.29	32.94	7.89	7.94	5.0	2.907	93.2	6.4	1.8	1.5
402	5/27/2014 13:31:03	13.75	50.33	32.97	7.96	7.94	9.0	2.851	94.3	9.5	2.7	2.3
403	5/27/2014 13:46:03	14.79	50.20	32.90	8.19	7.95	9.8	2.790	98.9	6.3	1.8	1.5
404	5/27/2014 14:01:03	15.46	50.26	32.96	8.18	7.96	12.5	2.715	100.2	5.2	1.5	1.2
405	5/27/2014 14:16:03	15.73	50.15	32.89	8.23	7.96	13.9	2.632	101.4	5.8	1.7	1.4
406	5/27/2014 14:31:03	15.88	50.20	32.93	8.01	7.95	14.0	2.550	98.9	5.3	1.5	1.3
407	5/27/2014 14:46:03	16.17	50.14	32.89	8.20	7.96	10.9	2.466	101.9	5.2	1.5	1.2
408	5/27/2014 15:01:03	16.53	50.18	32.93	8.14	7.96	14.2	2.377	101.8	5.0	1.4	1.2
409	5/27/2014 15:16:03	16.89	50.19	32.93	8.48	7.99	14.3	2.299	106.8	3.8	1.1	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
410	5/27/2014 15:31:03	17.07	50.13	32.89	8.99	8.03	14.4	2.226	113.5	4.3	1.2	1.0
411	5/27/2014 15:46:03	17.37	50.12	32.89	8.51	8.00	15.8	2.138	108.1	4.8	1.4	1.1
412	5/27/2014 16:01:03	17.62	50.18	32.93	8.65	8.01	14.3	2.062	110.5	3.3	1.0	0.8
413	5/27/2014 16:16:03	17.89	50.11	32.89	8.21	7.97	11.7	2.000	105.4	3.2	0.9	0.8
414	5/27/2014 16:31:03	17.96	50.08	32.87	8.70	8.02	11.2	1.935	111.8	3.6	1.0	0.9
415	5/27/2014 16:46:03	18.05	50.14	32.91	7.74	7.95	9.3	1.874	99.7	2.6	0.7	0.6
416	5/27/2014 17:01:03	18.14	50.17	32.93	7.72	7.95	5.9	1.828	99.6	2.9	0.8	0.7
417	5/27/2014 17:16:03	18.15	50.13	32.90	7.72	7.98	4.8	1.814	99.6	2.3	0.7	0.6
418	5/27/2014 17:31:03	18.21	50.19	32.95	8.12	8.00	5.6	1.797	105.0	2.5	0.7	0.6
419	5/27/2014 17:46:03	18.13	50.20	32.95	8.92	8.04	6.8	1.792	115.1	4.0	1.2	1.0
420	5/27/2014 18:01:03	18.30	50.20	32.96	8.22	7.97	7.9	1.824	106.3	4.1	1.2	1.0
421	5/27/2014 18:16:03	18.30	50.26	32.99	8.11	7.96	8.6	1.870	104.9	4.3	1.2	1.0
422	5/27/2014 18:31:03	18.54	50.23	32.97	7.83	7.93	8.6	1.912	101.8	4.1	1.2	1.0
423	5/27/2014 18:46:03	18.51	50.29	33.02	7.81	7.93	8.9	1.980	101.4	3.9	1.1	0.9
424	5/27/2014 19:01:03	18.33	50.23	32.98	7.79	7.93	9.7	2.061	100.8	4.6	1.3	1.1
425	5/27/2014 19:16:03	18.48	50.25	32.99	7.71	7.92	11.1	2.138	100.2	4.2	1.2	1.0
426	5/27/2014 19:31:03	18.07	50.17	32.93	7.88	7.93	12.2	2.209	101.5	4.3	1.2	1.0
427	5/27/2014 19:46:03	17.80	50.11	32.88	7.92	7.93	11.0	2.294	101.5	4.4	1.3	1.0
428	5/27/2014 20:01:03	17.15	50.20	32.95	7.94	7.93	11.5	2.374	100.5	4.4	1.3	1.0
429	5/27/2014 20:16:03	16.97	50.24	32.98	7.91	7.93	13.1	2.453	99.8	5.1	1.5	1.2
430	5/27/2014 20:31:03	16.09	50.28	32.99	7.90	7.93	9.7	2.535	98.0	6.5	1.9	1.5
431	5/27/2014 20:46:03	15.78	50.29	32.99	7.94	7.93	10.8	2.619	97.9	5.7	1.6	1.4
432	5/27/2014 21:01:03	15.62	50.29	32.99	7.95	7.93	9.3	2.713	97.7	7.3	2.1	1.7
433	5/27/2014 21:16:03	15.03	50.27	32.96	8.09	7.94	12.2	2.794	98.2	6.0	1.7	1.4
434	5/27/2014 21:31:03	14.56	50.34	33.00	8.14	7.95	12.7	2.888	98.0	8.5	2.4	2.0
435	5/27/2014 21:46:03	14.00	50.30	32.95	8.33	7.96	14.0	2.984	99.1	10.4	3.0	2.5
436	5/27/2014 22:01:03	13.57	50.45	33.05	8.45	7.97	18.2	3.074	99.7	12.6	3.6	3.0
437	5/27/2014 22:16:03	13.11	50.46	33.04	8.47	7.97	12.0	3.168	98.9	12.3	3.5	2.9
438	5/27/2014 22:31:03	12.74	50.51	33.06	8.52	7.98	10.9	3.255	98.9	13.6	3.9	3.2
439	5/27/2014 22:46:03	12.49	50.41	32.98	8.66	7.99	9.8	3.340	99.8	17.2	5.0	4.1
440	5/27/2014 23:01:04	12.30	50.57	33.09	8.84	8.01	8.1	3.407	101.6	14.9	4.3	3.5
441	5/27/2014 23:16:04	12.21	50.59	33.09	8.94	8.02	4.5	3.465	102.6	16.0	4.6	3.8
442	5/27/2014 23:31:04	12.16	50.58	33.08	8.89	8.02	4.5	3.510	101.9	15.3	4.4	3.6
443	5/27/2014 23:46:03	12.13	50.55	33.07	8.87	8.02	3.8	3.541	101.6	5.9	1.7	1.4
444	5/28/2014 0:01:03	12.57	50.48	33.03	8.50	8.00	3.2	3.538	98.3	8.1	2.3	1.9
445	5/28/2014 0:16:03	12.46	50.54	33.07	8.30	7.99	3.0	3.512	95.7	12.6	3.6	3.0
446	5/28/2014 0:31:04	12.39	50.55	33.08	8.49	7.99	4.0	3.470	97.8	14.2	4.1	3.4
447	5/28/2014 0:46:04	12.62	50.54	33.08	8.20	7.97	5.5	3.406	94.9	10.3	3.0	2.4
448	5/28/2014 1:01:04	12.73	50.43	33.01	8.41	7.98	13.7	3.299	97.5	13.9	4.0	3.3
449	5/28/2014 1:16:04	12.93	50.49	33.05	8.30	7.97	5.9	3.207	96.6	13.6	3.9	3.2
450	5/28/2014 1:31:03	14.31	50.32	32.98	7.83	7.95	7.9	3.105	93.8	7.5	2.2	1.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
451	5/28/2014 1:46:03	14.30	50.41	33.04	7.86	7.95	9.4	2.981	94.1	8.9	2.6	2.1
452	5/28/2014 2:01:03	14.22	50.37	33.01	7.85	7.95	9.2	2.872	93.8	8.9	2.6	2.1
453	5/28/2014 2:16:03	14.49	50.37	33.02	7.85	7.94	10.6	2.742	94.3	7.0	2.0	1.7
454	5/28/2014 2:31:03	14.44	50.37	33.02	7.75	7.94	8.9	2.623	93.1	6.8	2.0	1.6
455	5/28/2014 2:46:03	15.26	50.29	32.98	7.52	7.92	10.6	2.498	91.8	4.8	1.4	1.1
456	5/28/2014 3:01:03	15.59	50.38	33.05	7.27	7.90	8.4	2.365	89.4	4.5	1.3	1.1
457	5/28/2014 3:16:03	16.03	50.27	32.98	7.21	7.89	12.2	2.237	89.3	4.6	1.3	1.1
458	5/28/2014 3:31:03	15.88	50.28	32.98	7.17	7.89	11.4	2.087	88.5	4.4	1.3	1.0
459	5/28/2014 3:46:03	15.89	50.32	33.02	7.10	7.88	11.3	1.948	87.8	4.0	1.2	0.9
460	5/28/2014 4:01:03	16.12	50.41	33.08	7.10	7.88	51.8	1.813	88.2	4.3	1.2	1.0
461	5/28/2014 4:16:03	16.23	50.33	33.03	6.97	7.87	12.8	1.659	86.7	5.0	1.4	1.2
462	5/28/2014 4:31:03	16.30	50.39	33.07	6.93	7.87	11.9	1.515	86.3	4.2	1.2	1.0
463	5/28/2014 4:46:03	16.41	50.38	33.07	6.93	7.86	13.9	1.354	86.5	4.3	1.2	1.0
464	5/28/2014 5:01:03	16.73	50.31	33.02	6.91	7.87	12.8	1.230	86.8	3.8	1.1	0.9
465	5/28/2014 5:16:03	16.84	50.37	33.07	6.82	7.86	11.9	1.103	85.9	3.2	0.9	0.8
466	5/28/2014 5:31:03	16.99	50.32	33.03	6.80	7.86	12.5	0.964	85.9	3.6	1.0	0.9
467	5/28/2014 5:46:03	17.03	50.35	33.05	6.68	7.85	15.1	0.881	84.4	3.3	1.0	0.8
468	5/28/2014 6:01:03	17.15	50.32	33.03	6.46	7.84	10.6	0.803	81.9	3.0	0.9	0.7
469	5/28/2014 6:16:03	16.91	50.42	33.10	6.46	7.83	9.5	0.774	81.4	3.0	0.9	0.7
470	5/28/2014 6:31:03	17.18	50.35	33.06	6.58	7.84	6.8	0.790	83.4	3.1	0.9	0.7
471	5/28/2014 6:46:03	17.29	50.35	33.05	6.63	7.85	7.0	0.829	84.2	3.0	0.9	0.7
472	5/28/2014 7:01:03	17.19	50.37	33.07	6.67	7.85	6.4	0.906	84.6	3.0	0.9	0.7
473	5/28/2014 7:16:03	17.46	50.41	33.10	6.58	7.85	6.9	0.985	83.9	3.4	1.0	0.8
474	5/28/2014 7:31:03	17.55	50.39	33.09	6.60	7.85	6.8	1.058	84.3	3.7	1.1	0.9
475	5/28/2014 7:46:03	17.52	50.39	33.09	6.60	7.84	6.6	1.134	84.3	3.7	1.1	0.9
476	5/28/2014 8:01:03	17.56	50.25	32.98	6.57	7.84	9.6	1.212	83.8	4.1	1.2	1.0
477	5/28/2014 8:16:03	17.58	50.20	32.95	6.52	7.84	10.0	1.289	83.3	3.7	1.1	0.9
478	5/28/2014 8:31:03	17.56	50.24	32.98	6.53	7.84	12.0	1.370	83.3	3.8	1.1	0.9
479	5/28/2014 8:46:03	17.44	50.30	33.02	6.59	7.84	10.9	1.458	84.0	4.0	1.2	1.0
480	5/28/2014 9:01:03	17.33	50.32	33.04	6.63	7.84	9.5	1.556	84.3	3.1	0.9	0.7
481	5/28/2014 9:16:03	17.29	50.32	33.04	6.66	7.84	9.9	1.647	84.5	3.1	0.9	0.7
482	5/28/2014 9:31:03	17.12	50.30	33.02	6.69	7.85	10.2	1.743	84.6	3.0	0.9	0.7
483	5/28/2014 9:46:03	16.90	50.30	33.01	6.85	7.86	10.9	1.855	86.3	3.3	1.0	0.8
484	5/28/2014 10:01:03	16.75	50.32	33.03	7.00	7.87	10.4	1.968	87.9	3.6	1.0	0.9
485	5/28/2014 10:16:03	16.61	50.32	33.03	7.08	7.88	9.5	2.068	88.8	4.0	1.2	0.9
486	5/28/2014 10:31:03	16.46	50.28	32.99	7.17	7.88	9.0	2.165	89.6	3.9	1.1	0.9
487	5/28/2014 10:46:03	16.34	50.33	33.03	7.24	7.89	11.2	2.273	90.2	4.2	1.2	1.0
488	5/28/2014 11:01:03	16.16	50.28	32.99	7.31	7.89	11.1	2.362	90.8	4.1	1.2	1.0
489	5/28/2014 11:16:03	15.89	50.32	33.01	7.32	7.89	11.2	2.448	90.5	4.2	1.2	1.0
490	5/28/2014 11:31:03	15.56	50.26	32.97	7.48	7.90	13.0	2.536	91.9	4.8	1.4	1.1
491	5/28/2014 11:46:03	15.28	50.21	32.92	7.63	7.91	12.6	2.621	93.1	5.4	1.6	1.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
492	5/28/2014 12:01:03	14.87	50.31	32.98	7.80	7.92	13.7	2.697	94.4	6.0	1.7	1.4
493	5/28/2014 12:16:04	14.35	50.39	33.03	7.82	7.93	12.1	2.766	93.7	8.4	2.4	2.0
494	5/28/2014 12:31:04	13.77	50.39	33.01	8.09	7.95	11.9	2.830	95.8	9.1	2.6	2.2
495	5/28/2014 12:46:03	13.44	50.43	33.03	8.22	7.96	10.0	2.891	96.7	12.0	3.5	2.8
496	5/28/2014 13:01:03	13.33	50.47	33.05	8.24	7.96	6.5	2.936	96.7	11.5	3.3	2.7
497	5/28/2014 13:16:03	13.26	50.42	33.01	8.28	7.97	4.3	2.963	97.0	8.0	2.3	1.9
498	5/28/2014 13:31:03	13.70	50.46	33.06	8.16	7.97	5.8	2.974	96.5	6.4	1.8	1.5
499	5/28/2014 13:46:03	13.27	50.41	33.01	8.12	7.96	6.3	2.988	95.2	6.1	1.8	1.4
500	5/28/2014 14:01:04	13.29	50.43	33.03	8.10	7.96	6.0	2.958	95.0	7.0	2.0	1.7
501	5/28/2014 14:16:04	13.43	50.44	33.04	8.06	7.96	8.5	2.896	94.8	9.0	2.6	2.1
502	5/28/2014 14:31:03	14.64	50.29	32.96	8.28	7.97	11.2	2.844	99.8	6.3	1.8	1.5
503	5/28/2014 14:46:03	14.94	50.25	32.94	8.37	7.98	19.2	2.784	101.4	7.5	2.2	1.8
504	5/28/2014 15:01:03	15.09	50.31	32.99	8.44	7.99	20.6	2.702	102.6	8.7	2.5	2.1
505	5/28/2014 15:16:03	15.18	50.33	33.01	8.59	8.00	22.0	2.603	104.6	9.7	2.8	2.3
506	5/28/2014 15:31:04	15.26	50.31	33.00	8.62	8.00	22.6	2.525	105.2	7.5	2.2	1.8
507	5/28/2014 15:46:03	15.48	50.24	32.95	8.72	8.02	20.8	2.459	106.9	7.7	2.2	1.8
508	5/28/2014 16:01:03	15.98	50.27	32.98	8.77	8.02	19.7	2.363	108.5	5.8	1.7	1.4
509	5/28/2014 16:16:03	16.31	50.31	33.02	8.65	8.02	20.0	2.293	107.8	5.2	1.5	1.2
510	5/28/2014 16:31:03	16.75	50.23	32.96	8.44	8.00	24.7	2.218	106.0	4.2	1.2	1.0
511	5/28/2014 16:46:03	17.11	50.26	32.99	8.31	7.99	21.9	2.152	105.2	5.8	1.7	1.4
512	5/28/2014 17:01:03	17.33	50.25	32.99	7.98	7.96	24.4	2.082	101.5	5.2	1.5	1.2
513	5/28/2014 17:16:03	17.43	50.25	32.99	8.05	7.97	21.0	2.016	102.5	5.2	1.5	1.2
514	5/28/2014 17:31:03	17.41	50.27	33.00	7.76	7.95	16.2	1.973	98.8	3.3	1.0	0.8
515	5/28/2014 17:46:03	17.49	50.24	32.98	7.66	7.95	15.5	1.926	97.6	7.2	2.1	1.7
516	5/28/2014 18:01:03	17.49	50.22	32.96	7.67	7.96	12.5	1.903	97.8	4.2	1.2	1.0
517	5/28/2014 18:16:03	17.49	50.25	32.99	7.54	7.96	11.6	1.892	96.2	2.7	0.8	0.7
518	5/28/2014 18:31:03	17.41	50.27	33.00	8.86	8.06	13.1	1.897	112.8	5.1	1.5	1.2
519	5/28/2014 18:46:03	17.54	50.29	33.02	8.36	8.00	11.4	1.905	106.7	5.1	1.5	1.2
520	5/28/2014 19:01:03	18.08	50.27	33.01	7.68	7.92	9.5	1.942	99.0	3.9	1.1	0.9
521	5/28/2014 19:16:03	18.15	50.33	33.05	7.61	7.92	9.8	1.991	98.2	4.8	1.4	1.1
522	5/28/2014 19:31:03	18.30	50.26	33.00	7.54	7.91	11.5	2.052	97.6	4.1	1.2	1.0
523	5/28/2014 19:46:03	18.14	50.35	33.06	7.58	7.91	11.7	2.130	97.8	4.2	1.2	1.0
524	5/28/2014 20:01:03	17.89	50.26	32.99	7.62	7.91	12.3	2.197	97.9	3.9	1.1	0.9
525	5/28/2014 20:16:03	18.16	50.27	33.01	7.56	7.91	14.0	2.278	97.6	4.0	1.2	1.0
526	5/28/2014 20:31:03	17.82	50.34	33.05	7.72	7.92	14.7	2.352	99.0	4.2	1.2	1.0
527	5/28/2014 20:46:03	17.39	50.29	33.01	7.80	7.93	15.5	2.429	99.2	4.7	1.4	1.1
528	5/28/2014 21:01:03	16.57	50.33	33.03	7.90	7.94	13.5	2.513	99.0	5.9	1.7	1.4
529	5/28/2014 21:16:03	16.10	50.36	33.05	7.96	7.94	14.5	2.590	98.7	7.2	2.1	1.7
530	5/28/2014 21:31:03	15.31	50.36	33.03	8.03	7.94	11.8	2.679	98.0	7.7	2.2	1.8
531	5/28/2014 21:46:03	15.04	50.38	33.04	8.02	7.94	10.4	2.759	97.5	7.0	2.0	1.7
532	5/28/2014 22:01:03	14.63	50.43	33.07	8.07	7.95	11.2	2.848	97.3	7.5	2.2	1.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
533	5/28/2014 22:16:04	13.95	50.44	33.05	8.05	7.95	14.5	2.937	95.7	10.1	2.9	2.4
534	5/28/2014 22:31:04	13.37	50.51	33.08	7.96	7.94	12.0	3.021	93.6	7.1	2.0	1.7
535	5/28/2014 22:46:03	13.02	50.53	33.08	8.09	7.95	13.6	3.112	94.3	13.4	3.9	3.2
536	5/28/2014 23:01:04	12.60	50.57	33.10	8.13	7.95	10.1	3.204	94.1	15.6	4.5	3.7
537	5/28/2014 23:16:03	12.32	50.57	33.08	8.06	7.95	7.5	3.281	92.7	11.4	3.3	2.7
538	5/28/2014 23:31:04	12.04	50.63	33.11	8.11	7.95	10.0	3.347	92.7	13.6	3.9	3.2
539	5/28/2014 23:46:04	11.82	50.64	33.11	8.15	7.95	5.8	3.415	92.8	14.9	4.3	3.5
540	5/29/2014 0:01:04	11.73	50.65	33.11	8.18	7.95	3.7	3.463	93.0	21.9	6.3	5.2
541	5/29/2014 0:16:03	11.69	50.62	33.09	8.16	7.95	3.5	3.487	92.6	15.5	4.5	3.7
542	5/29/2014 0:31:03	12.90	50.35	32.95	7.79	7.94	5.3	3.504	90.7	14.7	4.2	3.5
543	5/29/2014 0:46:03	11.87	50.65	33.12	7.99	7.94	5.5	3.505	91.0	7.2	2.1	1.7
544	5/29/2014 1:01:04	11.71	50.64	33.11	8.10	7.95	6.1	3.465	92.0	9.6	2.8	2.3
545	5/29/2014 1:16:04	11.82	50.62	33.10	7.98	7.94	7.1	3.411	90.8	9.6	2.8	2.3
546	5/29/2014 1:31:04	11.94	50.62	33.11	7.84	7.93	12.5	3.333	89.4	10.5	3.0	2.5
547	5/29/2014 1:46:04	12.26	50.49	33.03	7.88	7.93	22.4	3.241	90.5	10.4	3.0	2.5
548	5/29/2014 2:01:04	12.54	50.62	33.13	7.87	7.93	9.8	3.142	90.9	12.3	3.5	2.9
549	5/29/2014 2:16:04	13.41	50.45	33.04	7.66	7.92	8.9	3.031	90.1	8.9	2.6	2.1
550	5/29/2014 2:31:03	14.34	50.46	33.08	7.46	7.92	11.4	2.911	89.4	6.5	1.9	1.5
551	5/29/2014 2:46:03	14.41	50.41	33.05	7.45	7.92	15.6	2.799	89.4	5.0	1.4	1.2
552	5/29/2014 3:01:03	14.72	50.43	33.07	7.34	7.91	12.9	2.673	88.7	5.7	1.6	1.4
553	5/29/2014 3:16:04	14.92	50.40	33.05	7.42	7.91	15.3	2.548	90.0	5.8	1.7	1.4
554	5/29/2014 3:31:03	15.51	50.36	33.04	7.23	7.90	14.5	2.429	88.7	4.9	1.4	1.2
555	5/29/2014 3:46:03	15.52	50.40	33.07	7.10	7.88	11.5	2.302	87.1	4.1	1.2	1.0
556	5/29/2014 4:01:03	15.18	50.47	33.11	7.10	7.88	13.2	2.158	86.6	5.6	1.6	1.3
557	5/29/2014 4:16:03	15.14	50.47	33.11	7.08	7.88	13.6	2.023	86.3	4.6	1.3	1.1
558	5/29/2014 4:31:03	15.29	50.51	33.14	7.03	7.87	14.5	1.878	85.9	5.2	1.5	1.2
559	5/29/2014 4:46:03	15.24	50.40	33.06	6.98	7.87	16.4	1.732	85.2	6.7	1.9	1.6
560	5/29/2014 5:01:03	15.51	50.40	33.06	6.90	7.86	16.7	1.597	84.7	4.6	1.3	1.1
561	5/29/2014 5:16:03	15.87	50.49	33.14	6.83	7.86	18.4	1.432	84.5	4.6	1.3	1.1
562	5/29/2014 5:31:03	16.14	50.41	33.09	6.81	7.86	18.1	1.296	84.6	3.9	1.1	0.9
563	5/29/2014 5:46:03	16.40	50.48	33.14	6.70	7.85	15.9	1.158	83.7	3.5	1.0	0.8
564	5/29/2014 6:01:03	16.61	50.46	33.13	6.60	7.85	15.8	1.026	82.7	3.2	0.9	0.8
565	5/29/2014 6:16:03	16.66	50.45	33.12	6.55	7.85	14.5	0.917	82.2	3.3	1.0	0.8
566	5/29/2014 6:31:03	16.88	50.38	33.07	6.29	7.83	14.1	0.828	79.3	3.0	0.9	0.7
567	5/29/2014 6:46:03	16.94	50.45	33.13	6.22	7.83	8.8	0.757	78.5	3.3	1.0	0.8
568	5/29/2014 7:01:03	16.64	50.53	33.18	6.24	7.82	10.0	0.726	78.4	3.0	0.9	0.7
569	5/29/2014 7:16:03	16.91	50.41	33.10	6.43	7.83	9.5	0.771	81.1	3.0	0.9	0.7
570	5/29/2014 7:31:03	16.91	50.52	33.18	6.45	7.84	9.2	0.810	81.3	2.7	0.8	0.6
571	5/29/2014 7:46:03	16.92	50.51	33.17	6.52	7.84	8.7	0.888	82.3	3.0	0.9	0.7
572	5/29/2014 8:01:03	16.99	50.43	33.11	6.52	7.84	8.1	0.971	82.4	3.1	0.9	0.7
573	5/29/2014 8:16:03	17.07	50.53	33.18	6.47	7.84	9.5	1.047	82.0	3.2	0.9	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
574	5/29/2014 8:31:03	17.07	50.48	33.15	6.45	7.83	9.2	1.124	81.6	2.8	0.8	0.7
575	5/29/2014 8:46:03	17.09	50.43	33.11	6.50	7.83	11.2	1.195	82.2	4.1	1.2	1.0
576	5/29/2014 9:01:03	17.06	50.37	33.07	6.42	7.83	10.1	1.278	81.2	3.2	0.9	0.8
577	5/29/2014 9:16:03	17.00	50.41	33.10	6.44	7.83	12.6	1.368	81.3	3.3	1.0	0.8
578	5/29/2014 9:31:03	16.95	50.40	33.09	6.50	7.83	11.8	1.445	82.0	3.6	1.0	0.8
579	5/29/2014 9:46:03	16.89	50.44	33.12	6.54	7.84	12.1	1.546	82.4	3.0	0.9	0.7
580	5/29/2014 10:01:03	16.86	50.40	33.09	6.53	7.83	11.9	1.639	82.3	2.9	0.8	0.7
581	5/29/2014 10:16:03	16.59	50.36	33.06	6.64	7.84	10.6	1.738	83.2	2.9	0.8	0.7
582	5/29/2014 10:31:03	16.37	50.41	33.09	6.86	7.86	11.4	1.846	85.7	3.2	0.9	0.8
583	5/29/2014 10:46:03	16.21	50.27	32.98	6.99	7.87	11.9	1.954	86.9	4.6	1.3	1.1
584	5/29/2014 11:01:03	16.14	50.40	33.08	7.10	7.88	11.3	2.056	88.2	4.0	1.2	0.9
585	5/29/2014 11:16:03	16.02	50.36	33.05	7.19	7.89	10.4	2.159	89.1	3.6	1.0	0.9
586	5/29/2014 11:31:03	15.91	50.36	33.05	7.28	7.90	11.4	2.256	90.0	3.6	1.0	0.9
587	5/29/2014 11:46:03	15.70	50.38	33.05	7.31	7.90	11.9	2.345	90.1	3.3	1.0	0.8
588	5/29/2014 12:01:03	15.49	50.30	33.00	7.31	7.90	14.4	2.433	89.6	3.3	1.0	0.8
589	5/29/2014 12:16:03	15.18	50.28	32.97	7.51	7.91	14.4	2.520	91.5	5.1	1.5	1.2
590	5/29/2014 12:31:03	14.90	50.27	32.96	7.63	7.91	14.3	2.601	92.4	4.1	1.2	1.0
591	5/29/2014 12:46:03	14.43	50.42	33.05	7.75	7.92	15.0	2.671	93.1	8.6	2.5	2.0
592	5/29/2014 13:01:04	13.97	50.44	33.06	7.92	7.93	10.3	2.741	94.2	5.5	1.6	1.3
593	5/29/2014 13:16:03	13.66	50.39	33.01	8.08	7.94	9.0	2.809	95.5	7.4	2.1	1.8
594	5/29/2014 13:31:04	13.54	50.48	33.07	8.19	7.95	10.6	2.864	96.6	10.3	3.0	2.5
595	5/29/2014 13:46:03	13.45	50.50	33.08	8.16	7.95	5.0	2.913	96.0	6.1	1.8	1.4
596	5/29/2014 14:01:03	13.40	50.51	33.08	8.08	7.95	4.7	2.937	95.1	14.4	4.1	3.4
597	5/29/2014 14:16:04	13.41	50.44	33.03	7.86	7.94	3.7	2.960	92.5	19.3	5.6	4.6
598	5/29/2014 14:31:04	13.39	50.51	33.09	7.91	7.94	6.4	2.950	93.0	5.8	1.7	1.4
599	5/29/2014 14:46:04	13.39	50.47	33.05	7.75	7.95	5.3	2.930	91.1	6.6	1.9	1.6
600	5/29/2014 15:01:03	13.51	50.46	33.06	8.02	7.95	11.2	2.892	94.5	9.3	2.7	2.2
601	5/29/2014 15:16:03	14.43	50.43	33.06	8.15	7.96	18.8	2.825	97.8	7.8	2.2	1.9
602	5/29/2014 15:31:03	14.70	50.29	32.97	8.39	7.98	20.8	2.757	101.3	7.9	2.3	1.9
603	5/29/2014 15:46:03	14.73	50.38	33.03	8.45	7.98	21.5	2.691	102.0	9.5	2.7	2.3
604	5/29/2014 16:01:03	14.79	50.41	33.05	8.57	7.99	18.3	2.605	103.6	7.6	2.2	1.8
605	5/29/2014 16:16:03	14.85	50.35	33.01	8.68	8.00	18.3	2.523	105.1	7.7	2.2	1.8
606	5/29/2014 16:31:03	15.12	50.30	32.98	8.71	8.01	16.1	2.450	106.0	6.0	1.7	1.4
607	5/29/2014 16:46:03	15.33	50.31	33.00	8.76	8.01	15.9	2.367	107.0	7.6	2.2	1.8
608	5/29/2014 17:01:03	16.10	50.24	32.96	8.41	7.99	17.3	2.302	104.4	5.6	1.6	1.3
609	5/29/2014 17:16:03	16.24	50.37	33.06	8.23	7.98	17.7	2.224	102.4	4.2	1.2	1.0
610	5/29/2014 17:31:03	16.30	50.34	33.04	8.44	8.01	10.9	2.163	105.1	5.0	1.4	1.2
611	5/29/2014 17:46:03	16.46	50.34	33.04	8.45	8.00	14.4	2.089	105.6	4.0	1.2	0.9
612	5/29/2014 18:01:03	16.52	50.35	33.05	8.38	8.00	13.0	2.038	104.8	4.9	1.4	1.2
613	5/29/2014 18:16:03	16.81	50.26	32.99	8.10	7.98	13.3	1.980	101.9	5.9	1.7	1.4
614	5/29/2014 18:31:03	17.13	50.32	33.04	7.86	7.95	13.7	1.943	99.5	4.7	1.4	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
615	5/29/2014 18:46:03	17.55	50.45	33.13	7.82	7.96	11.5	1.902	99.8	3.6	1.0	0.8
616	5/29/2014 19:01:03	17.73	50.45	33.14	7.54	7.93	10.3	1.903	96.7	4.3	1.2	1.0
617	5/29/2014 19:16:03	17.93	50.43	33.12	6.97	7.90	7.3	1.900	89.7	3.5	1.0	0.8
618	5/29/2014 19:31:03	18.00	50.38	33.08	7.29	7.90	10.0	1.909	93.8	3.6	1.0	0.9
619	5/29/2014 19:46:03	17.84	50.41	33.11	7.45	7.91	10.6	1.944	95.6	3.7	1.1	0.9
620	5/29/2014 20:01:03	17.77	50.34	33.05	7.42	7.90	12.3	2.001	95.1	3.9	1.1	0.9
621	5/29/2014 20:16:03	17.64	50.36	33.07	7.33	7.89	13.4	2.055	93.7	3.7	1.1	0.9
622	5/29/2014 20:31:03	17.78	50.38	33.08	7.44	7.90	15.9	2.118	95.4	3.7	1.1	0.9
623	5/29/2014 20:46:03	17.60	50.29	33.02	7.50	7.91	18.3	2.198	95.8	3.7	1.1	0.9
624	5/29/2014 21:01:03	17.13	50.34	33.05	7.64	7.92	18.0	2.277	96.8	4.2	1.2	1.0
625	5/29/2014 21:16:03	16.88	50.33	33.04	7.74	7.93	17.5	2.351	97.5	3.7	1.1	0.9
626	5/29/2014 21:31:03	16.31	50.36	33.05	7.84	7.94	14.4	2.433	97.8	4.6	1.3	1.1
627	5/29/2014 21:46:03	15.45	50.39	33.05	7.95	7.94	13.5	2.509	97.4	6.7	1.9	1.6
628	5/29/2014 22:01:04	14.95	50.38	33.04	8.01	7.94	11.9	2.597	97.2	6.5	1.9	1.5
629	5/29/2014 22:16:04	14.75	50.41	33.05	8.00	7.94	10.3	2.676	96.7	7.6	2.2	1.8
630	5/29/2014 22:31:04	14.58	50.37	33.02	8.01	7.94	10.8	2.751	96.5	4.5	1.3	1.1
631	5/29/2014 22:46:03	13.91	50.35	32.99	8.16	7.94	13.4	2.844	96.9	7.9	2.3	1.9
632	5/29/2014 23:01:04	13.24	50.50	33.07	8.20	7.94	12.2	2.921	96.1	9.6	2.8	2.3
633	5/29/2014 23:16:04	12.99	50.50	33.06	8.26	7.94	11.7	3.007	96.3	8.6	2.5	2.0
634	5/29/2014 23:31:04	12.56	50.52	33.06	8.32	7.94	10.2	3.083	96.2	11.8	3.4	2.8
635	5/29/2014 23:46:04	12.23	50.57	33.08	8.32	7.93	9.4	3.166	95.5	9.8	2.8	2.3
636	5/30/2014 0:01:04	11.94	50.59	33.09	8.32	7.93	6.7	3.228	94.9	8.3	2.4	2.0
637	5/30/2014 0:16:04	11.88	50.58	33.07	8.24	7.92	6.6	3.291	93.8	9.4	2.7	2.2
638	5/30/2014 0:31:04	11.72	50.60	33.08	8.30	7.92	4.8	3.343	94.3	7.0	2.0	1.7
639	5/30/2014 0:46:04	11.60	50.64	33.10	8.00	7.92	3.6	3.379	90.6	6.4	1.8	1.5
640	5/30/2014 1:01:04	11.98	50.39	32.94	8.04	7.92	3.6	3.397	91.7	9.9	2.9	2.4
641	5/30/2014 1:16:04	12.20	50.53	33.05	8.03	7.92	4.2	3.408	92.1	5.3	1.5	1.2
642	5/30/2014 1:31:04	12.00	50.71	33.17	7.54	7.90	2.9	3.386	86.1	6.6	1.9	1.6
643	5/30/2014 1:46:04	12.03	50.67	33.14	7.76	7.90	3.9	3.342	88.8	11.2	3.2	2.7
644	5/30/2014 2:01:04	12.73	50.45	33.01	7.80	7.91	11.4	3.272	90.4	8.0	2.3	1.9
645	5/30/2014 2:16:04	12.53	50.57	33.10	7.93	7.91	6.7	3.205	91.6	7.7	2.2	1.8
646	5/30/2014 2:31:04	12.61	50.56	33.09	7.96	7.91	7.0	3.116	92.1	8.4	2.4	2.0
647	5/30/2014 2:46:03	13.13	50.49	33.06	7.83	7.91	7.6	3.011	91.6	6.9	2.0	1.6
648	5/30/2014 3:01:03	13.90	50.40	33.02	7.65	7.91	9.2	2.918	90.9	5.4	1.6	1.3
649	5/30/2014 3:16:03	13.74	50.41	33.03	7.82	7.92	9.2	2.805	92.6	5.7	1.6	1.4
650	5/30/2014 3:31:03	13.74	50.38	33.00	7.81	7.91	10.7	2.689	92.5	6.6	1.9	1.6
651	5/30/2014 3:46:04	13.96	50.50	33.10	7.74	7.91	10.3	2.586	92.1	5.9	1.7	1.4
652	5/30/2014 4:01:04	14.19	50.35	33.00	7.59	7.90	10.3	2.465	90.7	6.0	1.7	1.4
653	5/30/2014 4:16:03	15.09	50.37	33.03	7.16	7.88	11.8	2.347	87.1	3.8	1.1	0.9
654	5/30/2014 4:31:04	15.52	50.39	33.06	6.92	7.86	9.7	2.228	85.0	2.6	0.7	0.6
655	5/30/2014 4:46:03	15.65	50.32	33.01	6.81	7.86	10.4	2.100	83.8	4.2	1.2	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
656	5/30/2014 5:01:03	15.83	50.37	33.05	6.89	7.86	17.3	1.955	85.1	4.3	1.2	1.0
657	5/30/2014 5:16:03	15.73	50.43	33.09	6.87	7.86	19.8	1.820	84.7	4.3	1.2	1.0
658	5/30/2014 5:31:03	15.62	50.44	33.10	6.79	7.84	16.7	1.674	83.6	4.9	1.4	1.2
659	5/30/2014 5:46:03	15.87	50.41	33.08	6.73	7.84	15.9	1.534	83.2	3.0	0.9	0.7
660	5/30/2014 6:01:03	16.08	50.36	33.05	6.62	7.84	16.9	1.396	82.1	3.2	0.9	0.8
661	5/30/2014 6:16:03	16.23	50.42	33.10	6.61	7.84	15.4	1.244	82.3	3.2	0.9	0.8
662	5/30/2014 6:31:03	16.47	50.43	33.10	6.57	7.84	14.9	1.124	82.1	3.5	1.0	0.8
663	5/30/2014 6:46:03	16.50	50.45	33.12	6.52	7.83	16.1	0.997	81.6	3.0	0.9	0.7
664	5/30/2014 7:01:03	16.69	50.43	33.11	6.36	7.83	12.5	0.892	79.9	2.7	0.8	0.6
665	5/30/2014 7:16:03	16.87	50.43	33.11	6.23	7.82	10.1	0.828	78.5	2.8	0.8	0.7
666	5/30/2014 7:31:03	16.97	50.45	33.13	6.22	7.81	9.2	0.774	78.5	2.5	0.7	0.6
667	5/30/2014 7:46:03	16.80	50.52	33.18	5.38	7.75	7.2	0.759	67.7	2.1	0.6	0.5
668	5/30/2014 8:01:03	17.21	50.58	33.23	6.15	7.82	7.8	0.804	78.1	3.0	0.9	0.7
669	5/30/2014 8:16:03	17.37	50.54	33.19	6.28	7.82	6.9	0.848	80.0	2.7	0.8	0.6
670	5/30/2014 8:31:03	17.47	50.50	33.17	6.20	7.81	8.1	0.909	79.1	2.7	0.8	0.6
671	5/30/2014 8:46:03	17.58	50.48	33.16	6.16	7.81	7.7	0.994	78.8	3.4	1.0	0.8
672	5/30/2014 9:01:03	17.52	50.50	33.17	6.21	7.81	7.6	1.075	79.2	2.6	0.7	0.6
673	5/30/2014 9:16:03	17.62	50.23	32.97	6.27	7.81	10.3	1.147	80.1	3.6	1.0	0.9
674	5/30/2014 9:31:03	17.59	50.19	32.94	6.20	7.80	9.8	1.223	79.1	2.8	0.8	0.7
675	5/30/2014 9:46:03	17.43	50.33	33.04	6.25	7.81	9.0	1.307	79.6	3.0	0.9	0.7
676	5/30/2014 10:01:03	17.29	50.39	33.09	6.28	7.81	10.7	1.405	79.8	2.7	0.8	0.6
677	5/30/2014 10:16:03	17.13	50.37	33.07	6.33	7.81	9.9	1.482	80.1	2.5	0.7	0.6
678	5/30/2014 10:31:03	17.02	50.38	33.08	6.33	7.81	9.6	1.566	80.0	2.2	0.6	0.5
679	5/30/2014 10:46:03	16.90	50.37	33.06	6.35	7.81	10.7	1.678	80.1	2.6	0.7	0.6
680	5/30/2014 11:01:03	16.58	50.34	33.04	6.58	7.83	11.7	1.784	82.4	2.8	0.8	0.7
681	5/30/2014 11:16:03	16.42	50.38	33.07	6.79	7.85	10.0	1.885	84.8	3.0	0.9	0.7
682	5/30/2014 11:31:03	16.31	50.34	33.04	6.96	7.86	9.4	1.986	86.7	2.4	0.7	0.6
683	5/30/2014 11:46:03	16.19	50.32	33.02	7.07	7.87	9.5	2.087	87.9	3.5	1.0	0.8
684	5/30/2014 12:01:03	16.06	50.26	32.98	7.16	7.88	10.4	2.191	88.7	3.3	1.0	0.8
685	5/30/2014 12:16:03	15.87	50.39	33.06	7.24	7.89	11.5	2.277	89.4	3.3	1.0	0.8
686	5/30/2014 12:31:03	15.67	50.36	33.04	7.27	7.89	10.1	2.359	89.5	4.7	1.4	1.1
687	5/30/2014 12:46:03	15.47	50.26	32.96	7.32	7.89	12.6	2.449	89.7	3.0	0.9	0.7
688	5/30/2014 13:01:03	15.12	50.31	32.99	7.50	7.90	13.9	2.528	91.3	4.6	1.3	1.1
689	5/30/2014 13:16:04	14.75	50.39	33.04	7.74	7.91	14.0	2.599	93.6	5.2	1.5	1.2
690	5/30/2014 13:31:03	14.20	50.35	32.99	7.87	7.91	12.8	2.675	94.1	6.3	1.8	1.5
691	5/30/2014 13:46:04	13.69	50.43	33.04	8.07	7.92	10.4	2.743	95.4	8.0	2.3	1.9
692	5/30/2014 14:01:04	13.31	50.45	33.04	8.26	7.93	8.6	2.806	97.0	9.9	2.9	2.4
693	5/30/2014 14:16:04	13.16	50.46	33.04	8.33	7.94	9.4	2.865	97.5	8.0	2.3	1.9
694	5/30/2014 14:31:03	13.10	50.45	33.03	8.39	7.94	4.8	2.910	98.0	6.6	1.9	1.6
695	5/30/2014 14:46:03	13.09	50.44	33.03	8.33	7.94	4.7	2.938	97.3	5.6	1.6	1.3
696	5/30/2014 15:01:04	13.68	50.52	33.10	8.43	7.95	6.0	2.946	99.7	7.1	2.0	1.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
697	5/30/2014 15:16:04	13.32	50.53	33.10	7.74	7.90	5.8	2.943	90.9	6.9	2.0	1.6
698	5/30/2014 15:31:04	13.25	50.51	33.08	7.95	7.92	5.5	2.907	93.2	6.1	1.8	1.5
699	5/30/2014 15:46:04	13.32	50.50	33.07	8.18	7.93	7.5	2.851	96.0	6.4	1.8	1.5
700	5/30/2014 16:01:04	14.35	50.43	33.06	8.16	7.95	10.8	2.786	97.8	6.2	1.8	1.5
701	5/30/2014 16:16:03	15.12	50.33	33.01	8.51	7.98	8.4	2.727	103.6	4.2	1.2	1.0
702	5/30/2014 16:31:04	15.14	50.41	33.06	8.79	7.99	9.2	2.640	107.1	4.7	1.4	1.1
703	5/30/2014 16:46:03	15.29	50.35	33.02	8.67	7.98	8.4	2.545	105.8	4.4	1.3	1.0
704	5/30/2014 17:01:03	15.51	50.37	33.05	8.81	7.99	11.2	2.476	108.0	4.4	1.3	1.0
705	5/30/2014 17:16:03	15.58	50.39	33.06	9.04	8.02	8.9	2.411	111.0	4.2	1.2	1.0
706	5/30/2014 17:31:03	15.80	50.36	33.04	9.11	8.02	8.4	2.330	112.5	5.1	1.5	1.2
707	5/30/2014 17:46:03	16.19	50.20	32.93	8.89	8.01	8.6	2.258	110.4	3.6	1.0	0.8
708	5/30/2014 18:01:03	16.49	50.29	33.01	8.93	8.02	9.2	2.200	111.6	2.4	0.7	0.6
709	5/30/2014 18:16:03	16.64	50.34	33.04	8.94	8.02	7.7	2.135	112.1	3.2	0.9	0.8
710	5/30/2014 18:31:03	16.72	50.33	33.03	8.85	8.01	7.0	2.077	111.1	2.7	0.8	0.6
711	5/30/2014 18:46:03	17.01	50.37	33.07	8.55	8.00	6.4	2.034	108.1	2.3	0.7	0.5
712	5/30/2014 19:01:03	17.25	50.39	33.08	8.09	7.97	6.0	1.996	102.7	2.5	0.7	0.6
713	5/30/2014 19:16:03	17.43	50.43	33.12	8.06	7.96	5.3	1.968	102.7	2.6	0.7	0.6
714	5/30/2014 19:31:03	17.70	50.32	33.04	7.64	7.93	5.1	1.949	97.8	2.8	0.8	0.7
715	5/30/2014 19:46:03	17.70	50.33	33.04	7.10	7.91	4.1	1.945	90.9	2.0	0.6	0.5
716	5/30/2014 20:01:03	17.77	50.44	33.12	7.54	7.93	4.7	1.961	96.7	2.2	0.6	0.5
717	5/30/2014 20:16:03	17.67	50.43	33.12	7.93	7.94	5.7	1.979	101.5	3.5	1.0	0.8
718	5/30/2014 20:31:03	17.55	50.38	33.08	7.83	7.93	5.6	2.015	100.0	2.7	0.8	0.6
719	5/30/2014 20:46:03	17.52	50.38	33.08	7.76	7.92	6.8	2.071	99.0	3.0	0.9	0.7
720	5/30/2014 21:01:03	17.35	50.36	33.07	7.78	7.93	7.6	2.124	98.9	3.1	0.9	0.7
721	5/30/2014 21:16:03	17.60	50.33	33.04	7.63	7.91	9.6	2.192	97.5	2.9	0.8	0.7
722	5/30/2014 21:31:03	17.17	50.40	33.09	7.78	7.92	11.2	2.266	98.6	3.5	1.0	0.8
723	5/30/2014 21:46:03	16.87	50.35	33.05	7.85	7.93	9.2	2.338	98.9	2.7	0.8	0.6
724	5/30/2014 22:01:03	16.32	50.42	33.09	8.03	7.94	10.0	2.407	100.1	4.3	1.2	1.0
725	5/30/2014 22:16:04	15.88	50.44	33.10	8.06	7.94	9.7	2.483	99.6	4.6	1.3	1.1
726	5/30/2014 22:31:03	15.27	50.36	33.03	8.04	7.93	9.1	2.568	98.2	4.3	1.2	1.0
727	5/30/2014 22:46:03	14.87	50.38	33.03	8.09	7.93	8.2	2.636	98.0	5.7	1.6	1.4
728	5/30/2014 23:01:03	14.66	50.48	33.10	8.11	7.93	8.4	2.716	97.9	5.6	1.6	1.3
729	5/30/2014 23:16:04	14.31	50.46	33.08	8.13	7.93	8.1	2.794	97.3	5.6	1.6	1.3
730	5/30/2014 23:31:04	13.62	50.52	33.10	8.21	7.92	9.1	2.877	97.1	7.1	2.0	1.7
731	5/30/2014 23:46:04	13.12	50.50	33.07	8.24	7.92	9.0	2.951	96.3	8.8	2.5	2.1
732	5/31/2014 0:01:03	12.78	50.51	33.06	8.31	7.92	8.0	3.022	96.5	9.1	2.6	2.2
733	5/31/2014 0:16:04	12.37	50.57	33.09	8.46	7.92	9.6	3.108	97.3	11.0	3.2	2.6
734	5/31/2014 0:31:04	12.15	50.59	33.09	8.46	7.92	6.6	3.171	96.9	7.7	2.2	1.8
735	5/31/2014 0:46:03	11.93	50.59	33.08	8.44	7.91	6.4	3.220	96.2	7.6	2.2	1.8
736	5/31/2014 1:01:04	11.79	50.63	33.10	8.36	7.91	4.9	3.282	95.1	8.0	2.3	1.9
737	5/31/2014 1:16:04	11.69	50.65	33.11	8.34	7.91	6.2	3.325	94.7	4.3	1.2	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
738	5/31/2014 1:31:04	11.59	50.64	33.10	8.31	7.90	2.9	3.346	94.2	3.6	1.0	0.9
739	5/31/2014 1:46:04	11.86	50.59	33.08	8.07	7.89	3.6	3.356	91.9	4.9	1.4	1.2
740	5/31/2014 2:01:04	11.76	50.61	33.09	8.08	7.89	5.1	3.354	91.8	4.6	1.3	1.1
741	5/31/2014 2:16:04	11.71	50.61	33.09	7.96	7.89	5.7	3.330	90.4	6.1	1.8	1.4
742	5/31/2014 2:31:03	11.91	50.69	33.15	7.70	7.88	3.7	3.269	87.9	4.7	1.4	1.1
743	5/31/2014 2:46:04	12.50	50.58	33.10	7.90	7.89	9.4	3.209	91.2	5.5	1.6	1.3
744	5/31/2014 3:01:04	12.97	50.56	33.11	7.96	7.90	8.1	3.128	92.8	5.2	1.5	1.2
745	5/31/2014 3:16:04	12.88	50.53	33.08	7.95	7.89	6.7	3.039	92.5	5.0	1.4	1.2
746	5/31/2014 3:31:04	13.83	50.42	33.03	7.63	7.89	7.5	2.940	90.5	4.4	1.3	1.0
747	5/31/2014 3:46:04	13.81	50.53	33.12	7.69	7.90	9.0	2.843	91.3	4.7	1.4	1.1
748	5/31/2014 4:01:04	13.96	50.55	33.13	7.63	7.89	8.3	2.738	90.8	3.7	1.1	0.9
749	5/31/2014 4:16:04	14.17	50.56	33.15	7.60	7.90	8.2	2.619	90.9	3.9	1.1	0.9
750	5/31/2014 4:31:03	14.60	50.46	33.09	7.48	7.89	9.0	2.512	90.2	3.6	1.0	0.8
751	5/31/2014 4:46:04	15.20	50.46	33.10	6.97	7.85	7.9	2.402	85.0	2.3	0.7	0.5
752	5/31/2014 5:01:04	15.61	50.46	33.11	7.06	7.87	9.9	2.278	86.8	2.9	0.8	0.7
753	5/31/2014 5:16:03	15.70	50.42	33.08	6.98	7.86	8.5	2.154	86.0	2.5	0.7	0.6
754	5/31/2014 5:31:03	15.83	50.44	33.10	7.00	7.87	12.0	2.015	86.4	3.0	0.9	0.7
755	5/31/2014 5:46:03	15.48	50.54	33.17	6.92	7.84	12.4	1.891	84.9	2.7	0.8	0.6
756	5/31/2014 6:01:03	15.67	50.49	33.14	7.08	7.86	12.3	1.746	87.2	2.9	0.8	0.7
757	5/31/2014 6:16:03	15.97	50.47	33.13	6.93	7.85	12.6	1.602	85.8	2.7	0.8	0.6
758	5/31/2014 6:31:03	16.20	50.45	33.11	6.86	7.85	13.4	1.480	85.3	2.7	0.8	0.6
759	5/31/2014 6:46:03	16.27	50.44	33.11	6.73	7.84	9.6	1.349	83.8	2.1	0.6	0.5
760	5/31/2014 7:01:03	16.53	50.50	33.16	6.71	7.84	10.7	1.219	84.1	2.4	0.7	0.6
761	5/31/2014 7:16:03	16.67	50.34	33.04	6.67	7.84	8.9	1.096	83.7	1.9	0.5	0.4
762	5/31/2014 7:31:03	16.82	50.46	33.13	6.57	7.84	9.7	0.999	82.7	2.9	0.8	0.7
763	5/31/2014 7:46:03	16.97	50.50	33.17	6.40	7.83	8.5	0.932	80.9	2.4	0.7	0.6
764	5/31/2014 8:01:03	17.07	50.44	33.12	6.28	7.82	7.8	0.873	79.5	1.9	0.5	0.5
765	5/31/2014 8:16:03	17.31	50.44	33.12	6.42	7.84	6.3	0.856	81.6	2.7	0.8	0.6
766	5/31/2014 8:31:03	17.27	50.54	33.20	6.46	7.83	6.3	0.870	82.1	2.5	0.7	0.6
767	5/31/2014 8:46:03	17.79	50.54	33.20	6.15	7.83	6.2	0.907	79.0	2.4	0.7	0.6
768	5/31/2014 9:01:03	17.76	50.60	33.25	6.42	7.83	7.5	0.963	82.4	2.9	0.8	0.7
769	5/31/2014 9:16:03	17.70	50.54	33.20	6.42	7.83	8.1	1.037	82.3	2.7	0.8	0.7
770	5/31/2014 9:31:03	17.85	50.60	33.24	6.38	7.83	6.8	1.107	82.0	2.2	0.6	0.5
771	5/31/2014 9:46:03	17.76	50.47	33.15	6.36	7.83	6.7	1.179	81.6	2.8	0.8	0.7
772	5/31/2014 10:01:03	17.78	50.40	33.10	6.27	7.81	8.9	1.249	80.4	3.1	0.9	0.7
773	5/31/2014 10:16:03	17.77	50.41	33.10	6.18	7.80	9.2	1.336	79.2	2.9	0.8	0.7
774	5/31/2014 10:31:03	17.63	50.34	33.06	6.23	7.81	9.0	1.403	79.7	2.9	0.8	0.7
775	5/31/2014 10:46:03	17.41	50.36	33.07	6.36	7.82	9.7	1.491	80.9	2.4	0.7	0.6
776	5/31/2014 11:01:03	17.21	50.46	33.14	6.49	7.82	8.7	1.584	82.4	2.0	0.6	0.5
777	5/31/2014 11:16:03	17.12	50.44	33.12	6.51	7.82	7.9	1.668	82.5	2.1	0.6	0.5
778	5/31/2014 11:31:03	17.00	50.46	33.13	6.51	7.82	8.1	1.758	82.3	2.3	0.7	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
779	5/31/2014 11:46:03	16.68	50.44	33.11	6.72	7.84	8.3	1.862	84.4	2.3	0.7	0.5
780	5/31/2014 12:01:03	16.50	50.40	33.08	6.88	7.85	8.9	1.969	86.1	1.8	0.5	0.4
781	5/31/2014 12:16:03	16.39	50.44	33.11	6.96	7.86	8.0	2.057	86.9	2.6	0.7	0.6
782	5/31/2014 12:31:03	16.25	50.43	33.10	7.05	7.86	8.3	2.149	87.8	2.9	0.8	0.7
783	5/31/2014 12:46:03	16.12	50.40	33.08	7.13	7.87	9.1	2.249	88.5	2.9	0.8	0.7
784	5/31/2014 13:01:04	15.92	50.39	33.07	7.22	7.87	10.0	2.332	89.3	2.3	0.7	0.5
785	5/31/2014 13:16:03	15.68	50.40	33.07	7.26	7.87	11.4	2.413	89.4	3.4	1.0	0.8
786	5/31/2014 13:31:03	15.42	50.31	33.00	7.36	7.88	9.8	2.503	90.1	3.1	0.9	0.7
787	5/31/2014 13:46:03	15.13	50.35	33.02	7.56	7.89	10.9	2.578	92.1	3.7	1.1	0.9
788	5/31/2014 14:01:04	14.78	50.38	33.04	7.73	7.89	9.2	2.650	93.5	3.6	1.0	0.9
789	5/31/2014 14:16:04	14.16	50.31	32.96	7.83	7.90	7.7	2.715	93.5	4.5	1.3	1.1
790	5/31/2014 14:31:04	13.66	50.43	33.04	8.04	7.91	8.1	2.782	95.1	5.1	1.5	1.2
791	5/31/2014 14:46:04	13.26	50.45	33.04	8.18	7.92	7.7	2.844	95.9	5.0	1.4	1.2
792	5/31/2014 15:01:04	13.07	50.43	33.02	8.22	7.92	4.9	2.883	96.0	9.3	2.7	2.2
793	5/31/2014 15:16:04	12.99	50.47	33.04	8.23	7.92	4.3	2.926	96.0	7.4	2.1	1.8
794	5/31/2014 15:31:04	12.98	50.43	33.01	8.17	7.91	2.8	2.941	95.2	3.7	1.1	0.9
795	5/31/2014 15:46:03	13.14	50.47	33.05	8.19	7.92	6.2	2.944	95.7	8.6	2.5	2.0
796	5/31/2014 16:01:04	13.10	50.44	33.03	8.17	7.91	6.4	2.920	95.4	4.9	1.4	1.2
797	5/31/2014 16:16:04	13.09	50.46	33.04	8.04	7.91	6.7	2.884	94.0	5.0	1.4	1.2
798	5/31/2014 16:31:04	13.62	50.43	33.04	7.98	7.93	6.6	2.819	94.2	5.1	1.5	1.2
799	5/31/2014 16:46:04	14.97	50.31	32.99	8.20	7.94	8.7	2.761	99.5	2.5	0.7	0.6
800	5/31/2014 17:01:04	14.99	50.39	33.04	8.34	7.95	9.5	2.685	101.3	4.0	1.2	1.0
801	5/31/2014 17:16:03	15.20	50.27	32.97	8.59	7.97	8.8	2.602	104.7	3.2	0.9	0.8
802	5/31/2014 17:31:04	15.30	50.40	33.06	8.69	7.98	9.7	2.530	106.2	3.2	0.9	0.8
803	5/31/2014 17:46:04	15.62	50.31	33.00	8.48	7.97	8.3	2.465	104.2	3.4	1.0	0.8
804	5/31/2014 18:01:04	15.88	50.39	33.07	8.71	7.98	9.4	2.383	107.6	4.2	1.2	1.0
805	5/31/2014 18:16:04	16.13	50.35	33.04	8.74	7.99	8.9	2.324	108.5	3.0	0.9	0.7
806	5/31/2014 18:31:04	16.53	50.37	33.06	8.57	7.98	7.8	2.263	107.2	2.8	0.8	0.7
807	5/31/2014 18:46:03	16.72	50.33	33.04	8.47	7.98	7.0	2.203	106.4	2.9	0.8	0.7
808	5/31/2014 19:01:03	16.81	50.32	33.03	8.65	7.99	7.6	2.150	108.9	2.1	0.6	0.5
809	5/31/2014 19:16:03	16.89	50.44	33.12	8.90	8.01	6.5	2.102	112.2	2.8	0.8	0.7
810	5/31/2014 19:31:03	17.19	50.41	33.10	8.62	7.99	5.9	2.063	109.3	2.8	0.8	0.7
811	5/31/2014 19:46:03	17.38	50.43	33.12	8.14	7.97	5.4	2.024	103.6	2.0	0.6	0.5
812	5/31/2014 20:01:03	17.71	50.39	33.09	7.87	7.94	4.2	2.010	100.8	2.8	0.8	0.7
813	5/31/2014 20:16:03	17.89	50.34	33.06	7.76	7.94	4.0	1.994	99.7	1.8	0.5	0.4
814	5/31/2014 20:31:03	17.79	50.46	33.14	6.77	7.88	3.7	1.998	86.9	1.6	0.5	0.4
815	5/31/2014 20:46:03	17.82	50.39	33.09	7.83	7.94	4.8	2.019	100.5	2.4	0.7	0.6
816	5/31/2014 21:01:03	17.74	50.41	33.11	7.82	7.92	4.9	2.038	100.2	2.1	0.6	0.5
817	5/31/2014 21:16:03	17.57	50.37	33.07	7.81	7.92	5.0	2.077	99.7	2.7	0.8	0.6
818	5/31/2014 21:31:03	17.54	50.40	33.09	7.78	7.92	5.5	2.127	99.3	2.5	0.7	0.6
819	5/31/2014 21:46:03	17.40	50.33	33.05	7.75	7.92	7.9	2.193	98.6	2.3	0.7	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
820	5/31/2014 22:01:03	17.62	50.35	33.06	7.60	7.90	9.6	2.254	97.2	2.3	0.7	0.5
821	5/31/2014 22:16:04	17.09	50.38	33.08	7.74	7.91	6.9	2.309	97.9	3.2	0.9	0.8
822	5/31/2014 22:31:03	16.88	50.35	33.05	7.74	7.91	6.6	2.378	97.5	3.2	0.9	0.8
823	5/31/2014 22:46:03	16.33	50.35	33.04	7.90	7.92	8.0	2.448	98.4	2.2	0.6	0.5
824	5/31/2014 23:01:03	15.69	50.33	33.02	7.97	7.92	6.6	2.512	98.1	3.4	1.0	0.8
825	5/31/2014 23:16:03	15.29	50.29	32.98	7.96	7.91	7.2	2.578	97.2	3.1	0.9	0.7
826	5/31/2014 23:31:03	14.83	50.27	32.96	7.98	7.91	6.7	2.647	96.6	4.8	1.4	1.1
827	5/31/2014 23:46:04	14.56	50.40	33.05	7.98	7.91	6.2	2.709	96.1	3.9	1.1	0.9
828	6/1/2014 0:01:03	14.39	50.41	33.04	7.97	7.91	5.5	2.776	95.6	3.1	0.9	0.7
829	6/1/2014 0:16:03	13.87	50.31	32.96	8.13	7.92	6.4	2.852	96.4	5.4	1.6	1.3
830	6/1/2014 0:31:04	13.43	50.42	33.02	8.19	7.92	6.4	2.915	96.4	6.0	1.7	1.4
831	6/1/2014 0:46:04	13.05	50.40	32.99	8.24	7.93	5.2	2.977	96.2	8.6	2.5	2.0
832	6/1/2014 1:01:04	12.81	50.47	33.03	8.38	7.93	6.1	3.053	97.3	5.1	1.5	1.2
833	6/1/2014 1:16:03	12.54	50.43	33.00	8.57	7.94	5.0	3.105	98.9	6.6	1.9	1.6
834	6/1/2014 1:31:04	12.32	50.48	33.02	8.56	7.95	4.7	3.143	98.4	8.7	2.5	2.1
835	6/1/2014 1:46:04	12.21	50.45	32.99	8.48	7.94	4.1	3.193	97.2	5.4	1.6	1.3
836	6/1/2014 2:01:04	12.10	50.53	33.05	8.40	7.94	3.6	3.227	96.1	8.1	2.3	1.9
837	6/1/2014 2:16:04	12.04	50.46	32.99	8.32	7.93	3.1	3.246	95.0	16.6	4.8	3.9
838	6/1/2014 2:31:04	12.30	50.61	33.11	8.17	7.93	4.5	3.240	94.0	6.8	2.0	1.6
839	6/1/2014 2:46:04	12.24	50.56	33.07	8.22	7.92	4.5	3.232	94.4	4.2	1.2	1.0
840	6/1/2014 3:01:04	12.15	50.55	33.06	8.24	7.93	3.7	3.202	94.5	4.5	1.3	1.1
841	6/1/2014 3:16:04	12.37	50.48	33.03	7.95	7.92	4.2	3.153	91.5	4.1	1.2	1.0
842	6/1/2014 3:31:04	13.13	50.56	33.11	7.70	7.90	6.8	3.072	90.1	5.2	1.5	1.2
843	6/1/2014 3:46:04	13.10	50.47	33.05	7.94	7.91	7.7	2.995	92.8	6.8	2.0	1.6
844	6/1/2014 4:01:03	13.44	50.42	33.02	7.88	7.90	7.5	2.907	92.7	6.3	1.8	1.5
845	6/1/2014 4:16:03	14.22	50.43	33.06	7.62	7.90	10.4	2.816	91.2	3.8	1.1	0.9
846	6/1/2014 4:31:04	14.41	50.42	33.05	7.47	7.89	7.5	2.712	89.6	2.3	0.7	0.6
847	6/1/2014 4:46:03	14.61	50.43	33.07	7.48	7.89	9.8	2.609	90.2	4.9	1.4	1.2
848	6/1/2014 5:01:04	14.84	50.40	33.05	7.33	7.87	7.2	2.522	88.7	3.2	0.9	0.8
849	6/1/2014 5:16:04	15.11	50.39	33.05	7.00	7.86	7.0	2.414	85.1	2.6	0.7	0.6
850	6/1/2014 5:31:04	15.83	50.37	33.05	6.74	7.84	6.8	2.303	83.2	2.3	0.7	0.5
851	6/1/2014 5:46:03	16.15	50.31	33.01	6.55	7.83	8.8	2.190	81.4	2.0	0.6	0.5
852	6/1/2014 6:01:03	16.32	50.37	33.06	6.64	7.84	10.5	2.069	82.7	2.1	0.6	0.5
853	6/1/2014 6:16:03	16.08	50.42	33.09	6.51	7.82	8.6	1.960	80.8	2.0	0.6	0.5
854	6/1/2014 6:31:03	16.14	50.33	33.03	6.76	7.83	9.2	1.821	84.0	2.1	0.6	0.5
855	6/1/2014 6:46:03	16.30	50.43	33.10	6.89	7.85	11.2	1.698	85.9	2.2	0.6	0.5
856	6/1/2014 7:01:03	16.26	50.43	33.10	6.83	7.84	9.7	1.581	85.1	2.2	0.6	0.5
857	6/1/2014 7:16:03	16.36	50.41	33.09	6.77	7.83	8.8	1.451	84.4	2.4	0.7	0.6
858	6/1/2014 7:31:03	16.58	50.47	33.13	6.75	7.84	8.8	1.339	84.6	2.6	0.7	0.6
859	6/1/2014 7:46:03	16.68	50.44	33.12	6.80	7.84	8.3	1.234	85.4	2.5	0.7	0.6
860	6/1/2014 8:01:03	16.93	50.49	33.15	6.72	7.84	7.4	1.136	84.8	2.1	0.6	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
861	6/1/2014 8:16:03	17.21	50.45	33.13	6.62	7.84	6.2	1.080	83.9	2.1	0.6	0.5
862	6/1/2014 8:31:03	17.20	50.43	33.11	6.51	7.84	5.2	1.011	82.6	1.8	0.5	0.4
863	6/1/2014 8:46:03	17.49	50.49	33.16	6.58	7.85	5.5	0.970	83.9	1.9	0.5	0.5
864	6/1/2014 9:01:03	17.58	50.55	33.21	6.50	7.84	5.2	0.966	83.1	2.0	0.6	0.5
865	6/1/2014 9:16:03	17.51	50.53	33.19	6.61	7.84	5.3	0.990	84.4	2.1	0.6	0.5
866	6/1/2014 9:31:03	17.88	50.55	33.21	6.60	7.85	4.8	1.020	84.8	1.7	0.5	0.4
867	6/1/2014 9:46:03	17.70	50.57	33.22	6.67	7.85	5.2	1.064	85.4	1.8	0.5	0.4
868	6/1/2014 10:01:03	17.87	50.56	33.22	6.65	7.85	5.7	1.133	85.4	2.4	0.7	0.6
869	6/1/2014 10:16:03	17.87	50.51	33.18	6.65	7.85	5.8	1.207	85.4	2.2	0.6	0.5
870	6/1/2014 10:31:03	17.88	50.50	33.18	6.56	7.84	7.8	1.277	84.3	2.8	0.8	0.7
871	6/1/2014 10:46:03	17.94	50.24	32.98	6.41	7.81	9.1	1.348	82.4	2.0	0.6	0.5
872	6/1/2014 11:01:03	17.76	50.35	33.06	6.40	7.81	8.6	1.425	82.0	2.6	0.7	0.6
873	6/1/2014 11:16:03	17.58	50.42	33.11	6.48	7.80	8.3	1.505	82.7	2.3	0.7	0.5
874	6/1/2014 11:31:03	17.44	50.34	33.05	6.57	7.83	7.5	1.581	83.7	1.4	0.4	0.3
875	6/1/2014 11:46:03	17.31	50.45	33.13	6.62	7.83	6.9	1.661	84.2	2.0	0.6	0.5
876	6/1/2014 12:01:03	17.20	50.37	33.07	6.62	7.83	7.6	1.753	84.0	1.9	0.5	0.5
877	6/1/2014 12:16:03	17.05	50.42	33.11	6.67	7.83	7.8	1.837	84.3	2.1	0.6	0.5
878	6/1/2014 12:31:03	16.78	50.42	33.10	6.82	7.84	8.1	1.935	85.8	1.8	0.5	0.4
879	6/1/2014 12:46:03	16.64	50.21	32.95	6.95	7.85	7.2	2.020	87.1	2.0	0.6	0.5
880	6/1/2014 13:01:03	16.45	50.32	33.02	7.02	7.85	7.5	2.110	87.8	2.6	0.7	0.6
881	6/1/2014 13:16:03	16.36	50.38	33.07	7.10	7.86	8.1	2.196	88.6	2.5	0.7	0.6
882	6/1/2014 13:31:03	16.32	50.41	33.09	7.15	7.86	6.8	2.275	89.1	2.1	0.6	0.5
883	6/1/2014 13:46:03	16.15	50.42	33.09	7.27	7.87	8.4	2.362	90.4	3.0	0.9	0.7
884	6/1/2014 14:01:03	15.90	50.34	33.03	7.34	7.87	9.1	2.429	90.7	2.3	0.7	0.6
885	6/1/2014 14:16:03	15.56	50.28	32.98	7.37	7.87	9.7	2.514	90.5	2.6	0.7	0.6
886	6/1/2014 14:31:03	15.31	50.27	32.96	7.66	7.89	9.8	2.578	93.6	3.4	1.0	0.8
887	6/1/2014 14:46:03	15.11	50.23	32.93	7.77	7.89	6.6	2.648	94.5	2.4	0.7	0.6
888	6/1/2014 15:01:04	14.71	50.36	33.02	7.93	7.90	5.9	2.717	95.8	1.8	0.5	0.4
889	6/1/2014 15:16:03	14.19	50.39	33.02	8.10	7.92	6.5	2.763	96.8	6.9	2.0	1.6
890	6/1/2014 15:31:04	13.89	50.41	33.03	8.28	7.93	5.0	2.820	98.3	5.8	1.7	1.4
891	6/1/2014 15:46:03	13.67	50.38	33.00	8.36	7.94	5.0	2.865	98.8	12.2	3.5	2.9
892	6/1/2014 16:01:04	13.56	50.42	33.03	8.36	7.94	3.7	2.896	98.6	7.3	2.1	1.7
893	6/1/2014 16:16:04	13.52	50.37	32.99	8.21	7.93	3.1	2.912	96.7	4.3	1.2	1.0
894	6/1/2014 16:31:03	13.54	50.45	33.05	8.36	7.94	5.6	2.903	98.5	5.7	1.6	1.3
895	6/1/2014 16:46:04	13.53	50.37	32.99	8.36	7.94	6.7	2.886	98.5	5.8	1.7	1.4
896	6/1/2014 17:01:04	13.64	50.42	33.03	8.15	7.93	7.1	2.851	96.3	3.7	1.1	0.9
897	6/1/2014 17:16:04	14.46	50.19	32.89	7.99	7.93	6.2	2.799	95.9	3.0	0.9	0.7
898	6/1/2014 17:31:03	15.33	50.31	33.00	7.82	7.92	8.1	2.736	95.6	2.6	0.7	0.6
899	6/1/2014 17:46:03	15.45	50.39	33.06	8.05	7.94	7.2	2.662	98.6	2.5	0.7	0.6
900	6/1/2014 18:01:03	15.79	50.30	33.00	8.53	7.97	6.8	2.600	105.2	2.7	0.8	0.6
901	6/1/2014 18:16:03	15.87	50.37	33.05	8.80	7.99	7.4	2.526	108.8	2.9	0.8	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
902	6/1/2014 18:31:03	15.85	50.41	33.08	9.04	8.01	7.7	2.446	111.7	2.7	0.8	0.6
903	6/1/2014 18:46:03	16.02	50.42	33.09	8.73	7.99	7.3	2.388	108.3	2.9	0.8	0.7
904	6/1/2014 19:01:03	16.40	50.36	33.06	8.50	7.97	8.2	2.329	106.1	3.3	1.0	0.8
905	6/1/2014 19:16:04	16.63	50.40	33.09	8.52	7.97	7.7	2.274	106.8	2.5	0.7	0.6
906	6/1/2014 19:31:03	16.54	50.46	33.13	8.71	8.01	8.6	2.210	109.1	3.5	1.0	0.8
907	6/1/2014 19:46:03	16.86	50.37	33.07	8.46	7.98	6.5	2.159	106.6	4.0	1.2	1.0
908	6/1/2014 20:01:03	17.05	50.37	33.07	8.11	7.96	6.8	2.128	102.6	2.7	0.8	0.6
909	6/1/2014 20:16:04	17.24	50.40	33.09	7.83	7.94	6.8	2.086	99.4	2.8	0.8	0.7
910	6/1/2014 20:31:03	17.49	50.39	33.09	7.76	7.94	5.9	2.059	98.9	2.8	0.8	0.7
911	6/1/2014 20:46:03	17.65	50.34	33.06	7.69	7.93	4.9	2.039	98.3	2.8	0.8	0.7
912	6/1/2014 21:01:03	17.89	50.27	33.01	7.71	7.93	5.0	2.036	99.1	3.2	0.9	0.8
913	6/1/2014 21:16:03	17.86	50.48	33.16	7.12	7.91	4.0	2.040	91.5	2.2	0.6	0.5
914	6/1/2014 21:31:03	17.82	50.47	33.15	7.75	7.92	4.5	2.052	99.4	2.3	0.7	0.5
915	6/1/2014 21:46:03	17.66	50.43	33.12	7.77	7.92	4.9	2.082	99.4	2.4	0.7	0.6
916	6/1/2014 22:01:03	17.55	50.39	33.09	7.71	7.91	5.6	2.128	98.5	3.3	1.0	0.8
917	6/1/2014 22:16:03	17.43	50.42	33.11	7.74	7.92	5.9	2.167	98.6	2.2	0.6	0.5
918	6/1/2014 22:31:03	17.47	50.41	33.10	7.62	7.91	7.0	2.219	97.2	2.4	0.7	0.6
919	6/1/2014 22:46:03	17.65	50.38	33.08	7.49	7.90	7.2	2.270	95.8	2.3	0.7	0.5
920	6/1/2014 23:01:03	17.12	50.40	33.09	7.68	7.91	6.8	2.331	97.3	2.8	0.8	0.7
921	6/1/2014 23:16:03	16.90	50.30	33.02	7.77	7.91	6.5	2.394	98.0	2.4	0.7	0.6
922	6/1/2014 23:31:03	16.21	50.35	33.04	7.91	7.92	6.3	2.445	98.4	2.2	0.6	0.5
923	6/1/2014 23:46:04	15.72	50.37	33.05	7.96	7.92	5.7	2.506	98.1	2.6	0.7	0.6
924	6/2/2014 0:01:03	15.34	50.29	32.98	8.00	7.92	5.2	2.565	97.8	4.4	1.3	1.0
925	6/2/2014 0:16:04	15.04	50.32	33.00	8.00	7.92	5.4	2.623	97.2	3.2	0.9	0.8
926	6/2/2014 0:31:04	14.64	50.42	33.06	8.08	7.92	5.8	2.682	97.4	6.2	1.8	1.5
927	6/2/2014 0:46:04	14.45	50.41	33.04	8.09	7.93	5.8	2.748	97.1	4.9	1.4	1.2
928	6/2/2014 1:01:04	14.23	50.40	33.03	8.14	7.93	5.6	2.808	97.3	6.1	1.8	1.4
929	6/2/2014 1:16:04	13.79	50.44	33.05	8.22	7.94	4.9	2.871	97.5	4.9	1.4	1.2
930	6/2/2014 1:31:04	13.36	50.45	33.04	8.29	7.94	5.3	2.929	97.4	6.6	1.9	1.6
931	6/2/2014 1:46:04	13.12	50.47	33.04	8.30	7.94	5.0	2.983	97.1	9.4	2.7	2.2
932	6/2/2014 2:01:04	12.94	50.46	33.03	8.33	7.94	4.4	3.039	97.0	7.3	2.1	1.7
933	6/2/2014 2:16:04	12.74	50.48	33.03	8.33	7.95	4.1	3.067	96.7	9.4	2.7	2.2
934	6/2/2014 2:31:04	12.67	50.46	33.02	8.27	7.94	3.5	3.106	95.8	12.7	3.7	3.0
935	6/2/2014 2:46:04	12.47	50.49	33.03	8.16	7.93	2.9	3.140	94.1	3.9	1.1	0.9
936	6/2/2014 3:01:04	12.60	50.39	32.97	8.04	7.93	2.8	3.146	93.0	6.0	1.7	1.4
937	6/2/2014 3:16:04	12.57	50.53	33.07	8.25	7.94	3.9	3.139	95.3	6.1	1.8	1.5
938	6/2/2014 3:31:04	12.58	50.51	33.05	8.14	7.93	3.6	3.126	94.1	3.7	1.1	0.9
939	6/2/2014 3:46:04	12.54	50.53	33.06	8.01	7.93	5.5	3.076	92.5	5.0	1.4	1.2
940	6/2/2014 4:01:04	12.68	50.47	33.03	8.11	7.93	4.7	3.032	94.0	3.9	1.1	0.9
941	6/2/2014 4:16:04	13.44	50.48	33.07	7.67	7.91	4.4	2.963	90.2	2.3	0.7	0.5
942	6/2/2014 4:31:03	13.75	50.36	32.99	7.64	7.91	7.2	2.879	90.4	5.3	1.5	1.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
943	6/2/2014 4:46:04	14.16	50.47	33.08	7.79	7.92	8.1	2.793	93.0	5.4	1.6	1.3
944	6/2/2014 5:01:04	14.36	50.44	33.06	7.68	7.91	7.2	2.715	92.1	4.2	1.2	1.0
945	6/2/2014 5:16:04	14.77	50.40	33.05	7.49	7.89	7.7	2.617	90.6	3.9	1.1	0.9
946	6/2/2014 5:31:03	15.16	50.40	33.06	7.31	7.88	6.8	2.526	89.0	3.6	1.0	0.8
947	6/2/2014 5:46:03	15.16	50.30	32.99	7.22	7.87	7.2	2.435	88.0	3.2	0.9	0.8
948	6/2/2014 6:01:03	15.66	50.38	33.05	6.92	7.85	8.0	2.336	85.1	2.3	0.7	0.5
949	6/2/2014 6:16:03	16.34	50.33	33.03	6.51	7.82	8.1	2.234	81.1	1.6	0.5	0.4
950	6/2/2014 6:31:03	16.47	50.43	33.11	6.43	7.82	8.4	2.129	80.3	2.0	0.6	0.5
951	6/2/2014 6:46:03	16.54	50.37	33.07	6.53	7.83	8.7	2.017	81.8	2.1	0.6	0.5
952	6/2/2014 7:01:04	16.49	50.45	33.12	6.67	7.84	9.1	1.918	83.5	2.2	0.6	0.5
953	6/2/2014 7:16:03	16.17	50.44	33.11	6.45	7.81	8.6	1.793	80.2	2.1	0.6	0.5
954	6/2/2014 7:31:03	16.50	50.45	33.12	6.73	7.85	9.7	1.679	84.2	2.8	0.8	0.7
955	6/2/2014 7:46:04	16.53	50.47	33.14	6.72	7.84	8.3	1.586	84.2	2.7	0.8	0.6
956	6/2/2014 8:01:03	16.61	50.38	33.07	6.77	7.85	8.4	1.474	84.8	2.2	0.6	0.5
957	6/2/2014 8:16:03	16.70	50.39	33.08	6.71	7.84	8.2	1.368	84.3	2.2	0.6	0.5
958	6/2/2014 8:31:03	16.93	50.47	33.14	6.74	7.84	7.8	1.287	85.0	2.6	0.7	0.6
959	6/2/2014 8:46:03	17.06	50.46	33.13	6.63	7.84	7.5	1.218	83.9	2.4	0.7	0.6
960	6/2/2014 9:01:03	17.21	50.50	33.16	6.48	7.84	10.5	1.153	82.3	2.8	0.8	0.7
961	6/2/2014 9:16:03	17.43	50.52	33.18	6.56	7.84	5.4	1.115	83.7	2.6	0.7	0.6
962	6/2/2014 9:31:03	17.60	50.48	33.15	6.40	7.84	9.4	1.089	81.8	3.5	1.0	0.8
963	6/2/2014 9:46:03	17.31	50.64	33.27	6.40	7.82	6.1	1.109	81.4	2.4	0.7	0.6
964	6/2/2014 10:01:03	17.66	50.61	33.25	6.31	7.83	5.5	1.126	80.8	1.4	0.4	0.3
965	6/2/2014 10:16:03	17.60	50.55	33.20	6.59	7.84	4.3	1.141	84.2	1.9	0.5	0.4
966	6/2/2014 10:31:03	17.63	50.51	33.18	6.66	7.85	4.4	1.217	85.3	2.9	0.8	0.7
967	6/2/2014 10:46:03	17.78	50.56	33.21	6.60	7.85	5.7	1.275	84.7	2.9	0.8	0.7
968	6/2/2014 11:01:03	17.68	50.53	33.19	6.58	7.84	4.5	1.327	84.3	1.9	0.5	0.4
969	6/2/2014 11:16:03	17.66	50.48	33.15	6.53	7.84	6.9	1.398	83.6	2.2	0.6	0.5
970	6/2/2014 11:31:03	17.77	50.45	33.13	6.33	7.81	7.9	1.457	81.1	3.0	0.9	0.7
971	6/2/2014 11:46:03	17.69	50.33	33.05	6.33	7.81	7.3	1.544	81.1	2.5	0.7	0.6
972	6/2/2014 12:01:03	17.51	50.35	33.06	6.48	7.82	9.2	1.615	82.7	2.0	0.6	0.5
973	6/2/2014 12:16:03	17.37	50.42	33.11	6.58	7.83	6.0	1.680	83.7	2.4	0.7	0.6
974	6/2/2014 12:31:03	17.27	50.47	33.14	6.61	7.83	6.8	1.770	84.0	2.4	0.7	0.6
975	6/2/2014 12:46:03	17.18	50.42	33.10	6.62	7.83	6.8	1.856	83.9	2.2	0.6	0.5
976	6/2/2014 13:01:03	16.91	50.44	33.12	6.71	7.83	7.1	1.930	84.6	2.1	0.6	0.5
977	6/2/2014 13:16:03	16.60	50.37	33.06	6.89	7.85	6.2	2.010	86.4	2.6	0.7	0.6
978	6/2/2014 13:31:03	16.47	50.32	33.03	7.02	7.85	7.2	2.099	87.7	2.3	0.7	0.5
979	6/2/2014 13:46:03	16.36	50.44	33.11	7.06	7.86	6.8	2.180	88.1	2.4	0.7	0.6
980	6/2/2014 14:01:03	16.25	50.27	32.98	7.16	7.86	7.6	2.260	89.1	2.5	0.7	0.6
981	6/2/2014 14:16:03	16.12	50.43	33.10	7.24	7.87	8.9	2.336	90.0	2.9	0.8	0.7
982	6/2/2014 14:31:03	15.87	50.41	33.08	7.35	7.87	7.9	2.403	90.8	3.1	0.9	0.7
983	6/2/2014 14:46:04	15.62	50.39	33.06	7.39	7.88	8.4	2.487	90.9	2.4	0.7	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
984	6/2/2014 15:01:04	15.30	50.38	33.05	7.47	7.88	9.7	2.548	91.3	3.1	0.9	0.7
985	6/2/2014 15:16:03	15.00	50.26	32.95	7.72	7.90	8.9	2.621	93.7	4.1	1.2	1.0
986	6/2/2014 15:31:04	14.73	50.32	32.99	7.88	7.91	8.1	2.678	95.1	4.8	1.4	1.1
987	6/2/2014 15:46:03	14.44	50.36	33.01	7.91	7.91	7.8	2.749	94.9	4.5	1.3	1.1
988	6/2/2014 16:01:04	14.05	50.36	33.00	8.09	7.92	7.2	2.798	96.4	6.2	1.8	1.5
989	6/2/2014 16:16:04	13.79	50.45	33.06	8.09	7.92	4.7	2.842	95.9	6.0	1.7	1.4
990	6/2/2014 16:31:04	13.51	50.48	33.07	7.93	7.91	4.3	2.879	93.4	7.9	2.3	1.9
991	6/2/2014 16:46:04	13.37	50.42	33.02	8.02	7.93	2.6	2.907	94.2	3.3	1.0	0.8
992	6/2/2014 17:01:04	13.87	50.33	32.97	7.94	7.92	4.2	2.913	94.2	4.7	1.4	1.1
993	6/2/2014 17:16:04	13.43	50.46	33.05	8.12	7.93	5.4	2.900	95.6	4.0	1.2	0.9
994	6/2/2014 17:31:03	13.43	50.43	33.03	7.97	7.92	3.9	2.882	93.8	2.6	0.7	0.6
995	6/2/2014 17:46:04	13.59	50.36	32.99	7.94	7.91	4.2	2.836	93.6	6.6	1.9	1.6
996	6/2/2014 18:01:04	14.41	50.26	32.94	7.81	7.91	7.9	2.777	93.7	4.8	1.4	1.1
997	6/2/2014 18:16:04	14.91	50.32	33.00	7.76	7.91	6.1	2.721	94.0	2.1	0.6	0.5
998	6/2/2014 18:31:04	15.06	50.40	33.06	7.82	7.92	6.4	2.657	95.2	3.4	1.0	0.8
999	6/2/2014 18:46:03	15.18	50.29	32.98	8.11	7.95	6.7	2.596	98.8	2.5	0.7	0.6
1000	6/2/2014 19:01:03	15.10	50.39	33.05	8.26	7.96	7.2	2.532	100.5	2.0	0.6	0.5
1001	6/2/2014 19:16:04	15.36	50.38	33.05	8.15	7.95	11.7	2.461	99.7	4.5	1.3	1.1
1002	6/2/2014 19:31:04	15.39	50.39	33.05	8.14	7.95	6.6	2.412	99.6	2.3	0.7	0.5
1003	6/2/2014 19:46:03	15.68	50.41	33.07	7.95	7.94	6.4	2.360	97.8	2.8	0.8	0.7
1004	6/2/2014 20:01:03	15.79	50.41	33.08	8.01	7.94	7.3	2.294	98.8	2.9	0.8	0.7
1005	6/2/2014 20:16:03	15.94	50.48	33.13	8.02	7.95	6.6	2.245	99.2	3.0	0.9	0.7
1006	6/2/2014 20:31:03	16.35	50.37	33.06	7.70	7.93	5.9	2.213	96.1	2.9	0.8	0.7
1007	6/2/2014 20:46:03	16.45	50.43	33.10	7.62	7.92	6.1	2.169	95.3	3.5	1.0	0.8
1008	6/2/2014 21:01:03	16.50	50.51	33.17	7.61	7.92	5.5	2.133	95.3	3.5	1.0	0.8
1009	6/2/2014 21:16:03	16.79	50.46	33.13	7.57	7.91	5.9	2.098	95.2	2.8	0.8	0.7
1010	6/2/2014 21:31:03	17.06	50.40	33.09	7.51	7.91	5.2	2.096	95.0	3.7	1.1	0.9
1011	6/2/2014 21:46:03	17.24	50.37	33.07	7.14	7.89	3.6	2.077	90.6	3.0	0.9	0.7
1012	6/2/2014 22:01:03	17.26	50.38	33.08	6.91	7.87	4.0	2.060	87.7	2.3	0.7	0.5
1013	6/2/2014 22:16:03	17.26	50.45	33.13	6.24	7.84	3.5	2.071	79.3	1.5	0.4	0.4
1014	6/2/2014 22:31:03	17.28	50.40	33.09	7.39	7.89	5.2	2.106	93.9	1.7	0.5	0.4
1015	6/2/2014 22:46:03	17.05	50.44	33.12	7.44	7.89	4.3	2.124	94.1	2.5	0.7	0.6
1016	6/2/2014 23:01:03	16.94	50.43	33.11	7.41	7.89	4.9	2.147	93.5	2.7	0.8	0.6
1017	6/2/2014 23:16:03	16.84	50.42	33.10	7.38	7.89	5.4	2.184	93.0	2.3	0.7	0.5
1018	6/2/2014 23:31:03	16.67	50.41	33.09	7.43	7.89	6.6	2.237	93.3	2.9	0.8	0.7
1019	6/2/2014 23:46:03	16.73	50.38	33.07	7.35	7.88	7.3	2.287	92.4	3.2	0.9	0.8
1020	6/3/2014 0:01:03	16.46	50.41	33.09	7.48	7.89	6.2	2.331	93.5	2.6	0.7	0.6
1021	6/3/2014 0:16:03	16.30	50.39	33.08	7.51	7.89	6.5	2.388	93.6	2.2	0.6	0.5
1022	6/3/2014 0:31:03	16.04	50.36	33.05	7.60	7.90	6.0	2.453	94.3	3.7	1.1	0.9
1023	6/3/2014 0:46:03	15.61	50.36	33.04	7.74	7.91	6.4	2.500	95.1	3.1	0.9	0.7
1024	6/3/2014 1:01:03	15.33	50.36	33.03	7.75	7.90	5.4	2.548	94.8	3.0	0.9	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
1025	6/3/2014 1:16:03	15.01	50.36	33.03	7.82	7.91	5.6	2.612	95.0	4.1	1.2	1.0
1026	6/3/2014 1:31:04	14.69	50.40	33.04	7.86	7.91	5.0	2.657	94.9	4.2	1.2	1.0
1027	6/3/2014 1:46:04	14.44	50.41	33.05	7.90	7.92	4.8	2.717	94.9	4.7	1.4	1.1
1028	6/3/2014 2:01:04	14.33	50.38	33.02	7.90	7.92	4.7	2.766	94.7	5.0	1.4	1.2
1029	6/3/2014 2:16:04	14.22	50.42	33.05	7.87	7.92	5.3	2.810	94.1	4.1	1.2	1.0
1030	6/3/2014 2:31:04	13.82	50.44	33.05	8.00	7.93	4.6	2.862	94.9	5.8	1.7	1.4
1031	6/3/2014 2:46:04	13.61	50.44	33.04	8.08	7.93	4.8	2.909	95.4	5.4	1.6	1.3
1032	6/3/2014 3:01:04	13.45	50.39	33.00	8.19	7.93	3.6	2.940	96.3	12.9	3.7	3.1
1033	6/3/2014 3:16:04	13.27	50.44	33.03	8.17	7.93	3.4	2.966	95.8	4.4	1.3	1.0
1034	6/3/2014 3:31:04	13.15	50.46	33.04	7.87	7.92	2.5	2.985	92.1	3.0	0.9	0.7
1035	6/3/2014 3:46:04	13.45	50.43	33.03	7.69	7.92	3.6	2.989	90.5	4.5	1.3	1.1
1036	6/3/2014 4:01:04	13.19	50.44	33.03	7.89	7.93	3.2	2.978	92.3	4.3	1.2	1.0
1037	6/3/2014 4:16:04	13.17	50.45	33.04	7.41	7.91	2.5	2.950	86.7	3.7	1.1	0.9
1038	6/3/2014 4:31:04	13.22	50.47	33.05	7.71	7.93	3.5	2.906	90.3	4.2	1.2	1.0
1039	6/3/2014 4:46:03	13.70	50.34	32.98	7.69	7.92	4.0	2.855	91.0	2.4	0.7	0.6
1040	6/3/2014 5:01:04	14.31	50.28	32.95	7.41	7.89	4.7	2.802	88.7	2.9	0.8	0.7
1041	6/3/2014 5:16:03	14.63	50.33	32.99	7.21	7.88	5.7	2.729	86.9	2.8	0.8	0.7
1042	6/3/2014 5:31:03	14.80	50.38	33.04	7.15	7.87	5.6	2.668	86.4	2.5	0.7	0.6
1043	6/3/2014 5:46:04	15.03	50.33	33.01	7.01	7.86	7.3	2.587	85.2	3.0	0.9	0.7
1044	6/3/2014 6:01:03	15.33	50.41	33.07	6.85	7.85	7.3	2.508	83.8	2.7	0.8	0.6
1045	6/3/2014 6:16:04	15.55	50.41	33.07	6.72	7.84	7.4	2.432	82.5	1.9	0.5	0.4
1046	6/3/2014 6:31:04	15.71	50.42	33.09	6.52	7.82	6.7	2.334	80.3	2.2	0.6	0.5
1047	6/3/2014 6:46:04	15.94	50.46	33.12	6.26	7.80	6.8	2.261	77.5	1.6	0.5	0.4
1048	6/3/2014 7:01:03	16.10	50.32	33.02	6.24	7.80	7.0	2.181	77.5	1.6	0.5	0.4
1049	6/3/2014 7:16:04	15.65	50.49	33.13	6.35	7.80	7.0	2.073	78.1	2.1	0.6	0.5
1050	6/3/2014 7:31:03	16.05	50.49	33.15	6.39	7.81	7.0	1.986	79.3	2.7	0.8	0.6
1051	6/3/2014 7:46:03	16.24	50.40	33.08	6.52	7.82	8.1	1.885	81.2	2.4	0.7	0.6
1052	6/3/2014 8:01:03	16.10	50.55	33.19	6.57	7.82	8.3	1.785	81.6	2.5	0.7	0.6
1053	6/3/2014 8:16:03	16.25	50.52	33.17	6.63	7.83	7.2	1.689	82.5	2.6	0.7	0.6
1054	6/3/2014 8:31:03	16.26	50.56	33.19	6.66	7.83	6.4	1.591	83.0	2.4	0.7	0.6
1055	6/3/2014 8:46:03	16.37	50.49	33.15	6.70	7.83	5.4	1.505	83.7	2.3	0.7	0.5
1056	6/3/2014 9:01:03	16.53	50.58	33.22	6.69	7.84	6.0	1.434	83.8	2.3	0.7	0.6
1057	6/3/2014 9:16:03	16.71	50.55	33.20	6.70	7.84	5.4	1.367	84.3	2.4	0.7	0.6
1058	6/3/2014 9:31:03	16.70	50.58	33.22	6.68	7.84	5.9	1.291	84.0	1.9	0.5	0.4
1059	6/3/2014 9:46:03	17.02	50.57	33.21	6.66	7.85	5.4	1.252	84.2	3.2	0.9	0.8
1060	6/3/2014 10:01:03	17.01	50.63	33.26	6.60	7.84	4.4	1.250	83.5	2.7	0.8	0.6
1061	6/3/2014 10:16:03	17.01	50.77	33.36	6.51	7.85	4.1	1.224	82.4	2.4	0.7	0.6
1062	6/3/2014 10:31:03	17.03	50.62	33.25	6.30	7.80	3.9	1.221	79.7	1.7	0.5	0.4
1063	6/3/2014 10:46:03	17.23	50.67	33.29	6.51	7.83	4.8	1.258	82.7	2.6	0.7	0.6
1064	6/3/2014 11:01:03	17.39	50.52	33.18	6.48	7.84	4.2	1.298	82.5	2.5	0.7	0.6
1065	6/3/2014 11:16:03	17.27	50.57	33.22	6.65	7.85	4.8	1.338	84.5	2.9	0.8	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
1066	6/3/2014 11:31:03	17.37	50.62	33.26	6.54	7.84	4.4	1.381	83.3	2.7	0.8	0.6
1067	6/3/2014 11:46:03	17.34	50.66	33.28	6.59	7.85	5.3	1.449	84.0	2.9	0.8	0.7
1068	6/3/2014 12:01:03	17.29	50.62	33.25	6.61	7.85	5.8	1.520	84.1	2.9	0.8	0.7
1069	6/3/2014 12:16:03	17.28	50.52	33.18	6.52	7.83	6.2	1.566	82.8	2.4	0.7	0.6
1070	6/3/2014 12:31:03	17.25	50.54	33.19	6.45	7.82	7.3	1.636	82.0	1.8	0.5	0.4
1071	6/3/2014 12:46:03	17.11	50.50	33.16	6.63	7.84	6.7	1.710	83.9	2.2	0.6	0.5
1072	6/3/2014 13:01:03	16.98	50.57	33.21	6.70	7.84	7.2	1.782	84.7	2.3	0.7	0.5
1073	6/3/2014 13:16:03	16.90	50.57	33.21	6.71	7.84	6.5	1.853	84.7	2.5	0.7	0.6
1074	6/3/2014 13:31:03	16.85	50.55	33.20	6.64	7.84	6.2	1.926	83.6	2.4	0.7	0.6
1075	6/3/2014 13:46:03	16.67	50.47	33.14	6.57	7.83	6.4	1.999	82.5	2.8	0.8	0.7
1076	6/3/2014 14:01:03	16.50	50.51	33.16	6.71	7.84	8.4	2.093	84.0	2.2	0.6	0.5
1077	6/3/2014 14:16:03	16.37	50.51	33.16	6.79	7.84	7.3	2.161	84.8	2.6	0.7	0.6
1078	6/3/2014 14:31:03	16.26	50.37	33.06	6.85	7.84	6.7	2.237	85.3	2.3	0.7	0.5
1079	6/3/2014 14:46:03	16.16	50.47	33.13	6.95	7.85	8.0	2.316	86.4	2.3	0.7	0.6
1080	6/3/2014 15:01:03	16.04	50.36	33.05	6.98	7.85	6.9	2.381	86.6	2.9	0.8	0.7
1081	6/3/2014 15:16:03	15.96	50.43	33.10	7.06	7.86	7.8	2.466	87.4	2.6	0.7	0.6
1082	6/3/2014 15:31:04	15.66	50.45	33.11	7.15	7.86	7.0	2.523	88.0	2.6	0.7	0.6
1083	6/3/2014 15:46:04	15.38	50.44	33.09	7.17	7.87	5.6	2.592	87.7	2.9	0.8	0.7
1084	6/3/2014 16:01:03	15.15	50.40	33.06	7.35	7.88	6.5	2.651	89.5	2.5	0.7	0.6
1085	6/3/2014 16:16:03	15.01	50.31	32.99	7.63	7.90	6.2	2.707	92.7	4.0	1.2	1.0
1086	6/3/2014 16:31:04	14.84	50.40	33.05	7.85	7.91	4.8	2.760	95.1	3.3	1.0	0.8
1087	6/3/2014 16:46:04	14.69	50.42	33.06	7.96	7.91	3.7	2.803	96.1	3.7	1.1	0.9
1088	6/3/2014 17:01:04	14.49	50.47	33.09	7.98	7.91	4.9	2.849	96.0	5.8	1.7	1.4
1089	6/3/2014 17:16:03	14.06	50.37	33.01	8.13	7.93	4.0	2.867	96.9	6.9	2.0	1.6
1090	6/3/2014 17:31:03	14.68	49.94	32.71	7.27	7.91	4.6	2.880	87.6	3.0	0.9	0.7
1091	6/3/2014 17:46:03	14.23	50.50	33.10	7.99	7.93	4.1	2.891	95.6	2.3	0.7	0.6
1092	6/3/2014 18:01:04	14.12	50.42	33.04	8.00	7.92	3.9	2.883	95.4	3.3	1.0	0.8
1093	6/3/2014 18:16:03	14.29	50.34	32.99	7.87	7.92	3.4	2.854	94.1	2.3	0.7	0.6
1094	6/3/2014 18:31:04	14.53	50.36	33.01	7.67	7.91	6.1	2.818	92.3	2.5	0.7	0.6
1095	6/3/2014 18:46:04	15.07	50.29	32.98	7.62	7.90	4.8	2.775	92.7	2.9	0.8	0.7
1096	6/3/2014 19:01:04	15.63	50.27	32.98	7.64	7.90	7.2	2.718	93.9	2.1	0.6	0.5
1097	6/3/2014 19:16:04	15.76	50.40	33.07	7.77	7.92	6.2	2.669	95.8	2.3	0.7	0.5
1098	6/3/2014 19:31:04	15.67	50.46	33.11	7.89	7.93	7.3	2.600	97.2	2.0	0.6	0.5
1099	6/3/2014 19:46:03	15.58	50.45	33.10	8.09	7.93	8.3	2.542	99.4	2.4	0.7	0.6
1100	6/3/2014 20:01:03	15.74	50.41	33.08	8.02	7.94	7.6	2.476	98.8	2.6	0.7	0.6
1101	6/3/2014 20:16:03	15.90	50.41	33.08	8.07	7.94	6.6	2.423	99.8	2.7	0.8	0.6
1102	6/3/2014 20:31:03	16.00	50.46	33.12	7.94	7.94	5.9	2.381	98.4	2.5	0.7	0.6
1103	6/3/2014 20:46:03	16.16	50.50	33.15	7.94	7.94	7.1	2.308	98.7	2.8	0.8	0.7
1104	6/3/2014 21:01:03	16.36	50.49	33.15	7.83	7.93	6.9	2.284	97.7	2.7	0.8	0.6
1105	6/3/2014 21:16:03	16.36	50.52	33.17	7.83	7.94	6.6	2.231	97.7	2.5	0.7	0.6
1106	6/3/2014 21:31:03	16.63	50.40	33.09	7.57	7.92	6.4	2.185	94.9	3.2	0.9	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
1107	6/3/2014 21:46:03	16.82	50.46	33.14	7.52	7.91	6.1	2.157	94.7	3.3	1.0	0.8
1108	6/3/2014 22:01:03	16.89	50.53	33.18	7.39	7.90	5.9	2.118	93.2	2.4	0.7	0.6
1109	6/3/2014 22:16:03	17.01	50.52	33.18	7.21	7.89	5.6	2.098	91.2	3.0	0.9	0.7
1110	6/3/2014 22:31:03	17.17	50.56	33.21	7.46	7.90	5.0	2.080	94.6	2.8	0.8	0.7
1111	6/3/2014 22:46:03	17.31	50.54	33.19	7.24	7.89	4.5	2.074	92.1	2.9	0.8	0.7
1112	6/3/2014 23:01:03	17.37	50.54	33.20	6.10	7.84	5.3	2.073	77.6	2.0	0.6	0.5
1113	6/3/2014 23:16:03	17.37	50.60	33.24	7.32	7.89	6.6	2.081	93.2	2.7	0.8	0.6
1114	6/3/2014 23:31:03	17.28	50.56	33.21	7.39	7.90	6.3	2.090	93.9	2.2	0.6	0.5
1115	6/3/2014 23:46:03	17.13	50.56	33.21	7.38	7.90	7.4	2.116	93.5	2.7	0.8	0.6
1116	6/4/2014 0:01:03	17.02	50.53	33.19	7.37	7.89	5.4	2.145	93.2	2.6	0.7	0.6
1117	6/4/2014 0:16:03	16.94	50.54	33.19	7.34	7.89	5.6	2.180	92.6	2.8	0.8	0.7
1118	6/4/2014 0:31:03	16.90	50.53	33.18	7.28	7.88	6.5	2.219	91.8	2.4	0.7	0.6
1119	6/4/2014 0:46:03	17.06	50.50	33.17	7.21	7.88	8.1	2.257	91.3	2.6	0.7	0.6
1120	6/4/2014 1:01:03	16.96	50.51	33.17	7.21	7.88	8.4	2.304	91.1	2.4	0.7	0.6
1121	6/4/2014 1:16:03	16.74	50.45	33.13	7.27	7.88	7.4	2.355	91.3	2.3	0.7	0.5
1122	6/4/2014 1:31:03	16.62	50.48	33.15	7.29	7.88	7.8	2.396	91.5	2.5	0.7	0.6
1123	6/4/2014 1:46:03	16.27	50.54	33.18	7.33	7.89	6.8	2.441	91.4	2.4	0.7	0.6
1124	6/4/2014 2:01:03	15.74	50.47	33.12	7.59	7.91	6.5	2.495	93.5	2.4	0.7	0.6
1125	6/4/2014 2:16:03	15.35	50.38	33.05	7.69	7.91	5.6	2.543	94.0	2.5	0.7	0.6
1126	6/4/2014 2:31:03	15.16	50.44	33.09	7.67	7.91	5.4	2.582	93.5	3.7	1.1	0.9
1127	6/4/2014 2:46:04	14.95	50.49	33.12	7.74	7.92	6.2	2.635	94.0	3.9	1.1	0.9
1128	6/4/2014 3:01:04	14.71	50.46	33.09	7.81	7.92	4.8	2.679	94.3	3.5	1.0	0.8
1129	6/4/2014 3:16:04	14.53	50.45	33.08	7.84	7.93	4.4	2.713	94.3	2.8	0.8	0.7
1130	6/4/2014 3:31:04	14.49	50.44	33.07	7.72	7.93	4.2	2.755	92.8	3.0	0.9	0.7
1131	6/4/2014 3:46:03	14.31	50.46	33.08	7.83	7.92	4.0	2.784	93.8	2.9	0.8	0.7
1132	6/4/2014 4:01:04	14.12	50.50	33.10	7.65	7.92	4.0	2.817	91.3	4.9	1.4	1.2
1133	6/4/2014 4:16:04	13.98	50.51	33.11	7.39	7.89	2.6	2.831	87.9	2.4	0.7	0.6
1134	6/4/2014 4:31:03	14.50	50.20	32.89	7.25	7.88	4.6	2.831	87.1	2.8	0.8	0.7
1135	6/4/2014 4:46:03	13.97	50.46	33.07	7.86	7.93	3.0	2.829	93.5	3.9	1.1	0.9
1136	6/4/2014 5:01:03	13.89	50.46	33.07	7.90	7.93	4.0	2.818	93.9	4.0	1.2	1.0
1137	6/4/2014 5:16:04	13.95	50.50	33.10	7.73	7.92	3.7	2.785	92.0	2.6	0.7	0.6
1138	6/4/2014 5:31:04	14.18	50.43	33.06	7.28	7.90	4.7	2.746	87.0	3.6	1.0	0.9
1139	6/4/2014 5:46:04	14.48	50.55	33.15	7.35	7.90	5.3	2.694	88.4	1.9	0.5	0.5
1140	6/4/2014 6:01:04	15.21	50.42	33.08	6.60	7.84	6.1	2.637	80.5	2.3	0.7	0.5
1141	6/4/2014 6:16:03	15.26	50.52	33.15	6.75	7.85	7.1	2.581	82.5	2.3	0.7	0.5
1142	6/4/2014 6:31:04	15.19	50.51	33.14	6.81	7.84	7.0	2.510	83.1	2.2	0.6	0.5
1143	6/4/2014 6:46:03	15.49	50.49	33.13	6.75	7.84	7.6	2.438	82.8	2.1	0.6	0.5
1144	6/4/2014 7:01:03	15.57	50.55	33.18	6.61	7.83	6.6	2.373	81.3	1.8	0.5	0.4
1145	6/4/2014 7:16:03	15.67	50.50	33.14	6.46	7.81	6.2	2.297	79.5	2.8	0.8	0.7
1146	6/4/2014 7:31:04	15.58	50.62	33.23	6.44	7.81	7.8	2.221	79.2	2.3	0.7	0.5
1147	6/4/2014 7:46:04	15.86	50.54	33.17	6.34	7.80	6.5	2.142	78.4	2.1	0.6	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
1148	6/4/2014 8:01:04	15.96	50.62	33.24	6.52	7.82	9.0	2.062	80.8	2.7	0.8	0.6
1149	6/4/2014 8:16:04	15.99	50.60	33.22	6.55	7.83	7.8	1.978	81.2	2.3	0.7	0.5
1150	6/4/2014 8:31:03	16.14	50.55	33.19	6.59	7.83	6.4	1.914	81.9	2.2	0.6	0.5
1151	6/4/2014 8:46:03	16.06	50.52	33.17	6.75	7.84	5.8	1.812	83.8	2.4	0.7	0.6
1152	6/4/2014 9:01:03	16.37	50.57	33.21	6.74	7.84	5.4	1.732	84.1	2.3	0.7	0.5
1153	6/4/2014 9:16:03	16.36	50.61	33.24	6.91	7.86	5.1	1.667	86.3	2.2	0.6	0.5
1154	6/4/2014 9:31:03	16.45	50.62	33.25	7.01	7.87	5.7	1.588	87.7	2.4	0.7	0.6
1155	6/4/2014 9:46:04	16.53	50.63	33.25	7.02	7.88	8.2	1.515	88.0	2.9	0.8	0.7
1156	6/4/2014 10:01:03	16.62	50.52	33.18	7.26	7.89	5.9	1.471	91.1	2.7	0.8	0.6
1157	6/4/2014 10:16:03	16.86	50.60	33.24	7.15	7.89	5.1	1.422	90.2	2.6	0.7	0.6
1158	6/4/2014 10:31:03	16.83	50.59	33.23	7.19	7.89	4.5	1.401	90.6	2.7	0.8	0.6
1159	6/4/2014 10:46:03	17.09	50.68	33.30	6.95	7.88	4.7	1.371	88.0	2.5	0.7	0.6
1160	6/4/2014 11:01:03	17.14	50.72	33.32	6.68	7.87	3.9	1.358	84.7	2.6	0.7	0.6
1161	6/4/2014 11:16:03	17.09	50.74	33.34	6.00	7.81	4.7	1.367	76.0	1.5	0.4	0.4
1162	6/4/2014 11:31:03	17.30	50.65	33.28	6.55	7.86	4.2	1.390	83.3	2.0	0.6	0.5
1163	6/4/2014 11:46:03	17.21	50.72	33.33	6.54	7.86	4.5	1.410	83.0	2.4	0.7	0.6
1164	6/4/2014 12:01:03	17.24	50.65	33.28	6.61	7.86	4.5	1.443	84.0	2.3	0.7	0.6
1165	6/4/2014 12:16:03	17.29	50.71	33.32	6.59	7.87	5.0	1.493	83.8	3.1	0.9	0.7
1166	6/4/2014 12:31:03	17.30	50.70	33.32	6.63	7.87	4.7	1.541	84.3	2.7	0.8	0.7
1167	6/4/2014 12:46:03	17.23	50.72	33.33	6.58	7.87	6.6	1.600	83.6	2.9	0.8	0.7
1168	6/4/2014 13:01:03	17.34	50.63	33.27	6.49	7.85	7.2	1.654	82.6	2.8	0.8	0.7
1169	6/4/2014 13:16:03	17.26	50.63	33.26	6.44	7.84	7.6	1.727	81.8	2.3	0.7	0.5
1170	6/4/2014 13:31:03	17.12	50.63	33.26	6.47	7.84	8.1	1.791	82.1	2.1	0.6	0.5
1171	6/4/2014 13:46:03	17.01	50.65	33.27	6.48	7.84	7.5	1.863	82.0	2.2	0.6	0.5
1172	6/4/2014 14:01:03	16.95	50.58	33.22	6.54	7.84	5.1	1.939	82.6	2.8	0.8	0.7
1173	6/4/2014 14:16:03	16.84	50.58	33.22	6.50	7.83	7.2	2.014	81.9	2.1	0.6	0.5
1174	6/4/2014 14:31:03	16.63	50.55	33.20	6.53	7.83	6.4	2.080	81.9	2.2	0.6	0.5
1175	6/4/2014 14:46:03	16.50	50.57	33.21	6.71	7.84	7.3	2.154	84.0	2.6	0.7	0.6
1176	6/4/2014 15:01:03	16.30	50.55	33.19	6.83	7.85	5.9	2.229	85.2	2.2	0.6	0.5
1177	6/4/2014 15:16:03	16.15	50.54	33.18	6.96	7.86	5.6	2.293	86.5	2.1	0.6	0.5
1178	6/4/2014 15:31:04	16.06	50.54	33.18	6.99	7.86	5.9	2.360	86.8	1.9	0.5	0.5
1179	6/4/2014 15:46:04	15.93	50.54	33.17	7.04	7.87	5.6	2.429	87.2	2.6	0.7	0.6
1180	6/4/2014 16:01:04	15.88	50.48	33.13	7.10	7.87	5.3	2.491	87.8	2.5	0.7	0.6
1181	6/4/2014 16:16:04	15.88	50.49	33.14	7.22	7.88	6.4	2.557	89.3	2.5	0.7	0.6
1182	6/4/2014 16:31:04	15.48	50.55	33.18	7.35	7.89	5.7	2.615	90.1	3.2	0.9	0.7
1183	6/4/2014 16:46:04	15.10	50.51	33.14	7.58	7.91	4.9	2.676	92.3	2.7	0.8	0.6
1184	6/4/2014 17:01:04	14.92	50.46	33.10	7.89	7.93	5.2	2.734	95.7	3.7	1.1	0.9
1185	6/4/2014 17:16:03	14.81	50.42	33.07	8.03	7.94	5.0	2.781	97.2	4.5	1.3	1.1
1186	6/4/2014 17:31:04	14.64	50.46	33.09	8.21	7.95	4.0	2.826	99.0	3.9	1.1	0.9
1187	6/4/2014 17:46:04	14.50	50.43	33.06	8.15	7.95	3.1	2.861	98.0	2.9	0.8	0.7
1188	6/4/2014 18:01:04	14.30	50.54	33.14	7.85	7.95	3.9	2.901	94.0	2.9	0.8	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
1189	6/4/2014 18:16:03	14.22	50.39	33.03	7.14	7.91	2.5	2.900	85.4	1.8	0.5	0.4
1190	6/4/2014 18:31:03	14.56	50.45	33.08	8.25	7.95	5.3	2.900	99.3	4.9	1.4	1.2
1191	6/4/2014 18:46:04	14.31	50.50	33.11	8.21	7.95	3.7	2.897	98.4	2.8	0.8	0.7
1192	6/4/2014 19:01:04	14.33	50.40	33.04	8.30	7.96	7.8	2.870	99.5	3.3	1.0	0.8
1193	6/4/2014 19:16:03	14.55	50.43	33.06	7.78	7.92	3.6	2.838	93.7	1.1	0.3	0.3
1194	6/4/2014 19:31:04	15.03	50.41	33.06	7.80	7.93	6.5	2.785	94.8	2.8	0.8	0.7
1195	6/4/2014 19:46:04	15.52	50.43	33.09	7.50	7.91	5.9	2.736	92.0	2.6	0.7	0.6
1196	6/4/2014 20:01:04	15.79	50.50	33.14	7.37	7.92	6.5	2.677	90.9	1.9	0.5	0.5
1197	6/4/2014 20:16:03	16.22	50.49	33.14	7.52	7.93	5.6	2.615	93.6	2.4	0.7	0.6
1198	6/4/2014 20:31:03	16.15	50.51	33.16	7.85	7.94	7.2	2.561	97.6	2.6	0.7	0.6
1199	6/4/2014 20:46:03	16.20	50.49	33.15	7.72	7.93	6.5	2.502	96.1	3.0	0.9	0.7
1200	6/4/2014 21:01:03	16.28	50.50	33.16	7.79	7.93	5.5	2.454	97.1	2.7	0.8	0.6
1201	6/4/2014 21:16:04	16.32	50.55	33.19	7.92	7.95	5.1	2.397	98.8	2.9	0.8	0.7
1202	6/4/2014 21:31:03	16.37	50.41	33.09	7.90	7.94	5.4	2.340	98.5	3.4	1.0	0.8
1203	6/4/2014 21:46:03	16.56	50.54	33.19	7.82	7.94	5.9	2.295	98.0	3.1	0.9	0.7
1204	6/4/2014 22:01:03	16.67	50.48	33.15	7.67	7.93	5.6	2.238	96.3	2.7	0.8	0.6
1205	6/4/2014 22:16:03	16.73	50.47	33.14	7.65	7.92	5.1	2.189	96.1	2.7	0.8	0.6
1206	6/4/2014 22:31:03	16.75	50.58	33.22	7.71	7.93	5.2	2.143	97.0	3.4	1.0	0.8
1207	6/4/2014 22:46:03	16.88	50.59	33.23	7.60	7.93	4.8	2.119	95.8	2.8	0.8	0.7
1208	6/4/2014 23:01:03	17.02	50.65	33.27	7.50	7.91	5.5	2.077	94.9	3.0	0.9	0.7
1209	6/4/2014 23:16:03	17.27	50.63	33.26	7.35	7.91	10.4	2.041	93.4	2.6	0.7	0.6
1210	6/4/2014 23:31:03	17.46	50.64	33.27	7.41	7.91	5.0	2.024	94.5	3.5	1.0	0.8
1211	6/4/2014 23:46:03	17.69	50.67	33.29	7.30	7.91	4.8	2.007	93.5	3.1	0.9	0.7
1212	6/5/2014 0:01:03	17.69	50.64	33.27	6.81	7.89	10.1	2.001	87.3	2.6	0.7	0.6
1213	6/5/2014 0:16:03	17.69	50.65	33.28	6.00	7.83	13.8	2.010	76.9	3.0	0.9	0.7
1214	6/5/2014 0:31:03	17.55	50.64	33.27	7.23	7.90	5.9	2.010	92.5	3.1	0.9	0.7
1215	6/5/2014 0:46:03	17.42	50.72	33.33	7.19	7.91	6.1	2.033	91.7	2.2	0.6	0.5
1216	6/5/2014 1:01:03	17.34	50.70	33.32	7.24	7.91	6.2	2.055	92.2	2.7	0.8	0.6
1217	6/5/2014 1:16:03	17.16	50.67	33.29	7.26	7.90	5.4	2.084	92.1	3.0	0.9	0.7
1218	6/5/2014 1:31:04	17.07	50.68	33.30	7.21	7.90	5.3	2.123	91.3	2.8	0.8	0.7
1219	6/5/2014 1:46:04	17.01	50.62	33.25	7.18	7.89	6.1	2.166	90.8	3.3	1.0	0.8
1220	6/5/2014 2:01:03	17.15	50.65	33.27	7.05	7.89	6.8	2.216	89.4	2.3	0.7	0.5
1221	6/5/2014 2:16:04	17.04	50.65	33.28	7.12	7.89	6.3	2.253	90.1	2.6	0.7	0.6
1222	6/5/2014 2:31:03	16.83	50.58	33.22	7.21	7.89	5.7	2.295	90.8	2.6	0.7	0.6
1223	6/5/2014 2:46:03	16.69	50.60	33.23	7.26	7.89	4.5	2.345	91.3	2.7	0.8	0.6
1224	6/5/2014 3:01:03	16.36	50.62	33.24	7.36	7.90	5.4	2.386	91.9	2.8	0.8	0.7
1225	6/5/2014 3:16:04	16.05	50.63	33.25	7.40	7.91	5.0	2.421	91.9	2.3	0.7	0.5
1226	6/5/2014 3:31:04	15.77	50.50	33.14	7.46	7.91	4.3	2.472	92.1	2.5	0.7	0.6
1227	6/5/2014 3:46:03	15.57	50.58	33.20	7.48	7.91	5.0	2.508	91.9	2.4	0.7	0.6
1228	6/5/2014 4:01:04	15.39	50.59	33.20	7.50	7.91	4.6	2.544	91.9	2.5	0.7	0.6
1229	6/5/2014 4:16:03	15.29	50.52	33.15	7.36	7.91	3.9	2.563	89.9	2.4	0.7	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
1230	6/5/2014 4:31:03	15.22	50.51	33.14	7.35	7.91	4.6	2.601	89.7	1.6	0.5	0.4
1231	6/5/2014 4:46:03	15.11	50.53	33.15	7.08	7.90	3.6	2.615	86.2	2.1	0.6	0.5
1232	6/5/2014 5:01:04	14.85	50.63	33.22	7.22	7.90	3.2	2.630	87.5	1.6	0.5	0.4
1233	6/5/2014 5:16:04	14.77	50.55	33.16	6.46	7.87	2.7	2.653	78.2	1.3	0.4	0.3
1234	6/5/2014 5:31:04	14.92	50.57	33.18	6.52	7.86	2.5	2.663	79.1	2.5	0.7	0.6
1235	6/5/2014 5:46:03	14.90	50.56	33.17	7.34	7.90	3.4	2.659	89.1	2.1	0.6	0.5
1236	6/5/2014 6:01:04	14.81	50.58	33.18	7.65	7.92	4.0	2.636	92.6	1.9	0.5	0.5
1237	6/5/2014 6:16:04	14.81	50.56	33.17	7.36	7.91	3.2	2.607	89.1	3.3	1.0	0.8
1238	6/5/2014 6:31:03	14.94	50.52	33.14	7.39	7.90	4.6	2.586	89.7	2.0	0.6	0.5
1239	6/5/2014 6:46:03	15.12	50.57	33.18	7.34	7.89	3.4	2.542	89.4	1.7	0.5	0.4
1240	6/5/2014 7:01:04	15.90	50.61	33.23	6.53	7.84	5.1	2.489	80.8	2.6	0.7	0.6
1241	6/5/2014 7:16:03	15.14	50.70	33.28	5.87	7.76	6.0	2.445	71.6	2.6	0.7	0.6
1242	6/5/2014 7:31:04	15.23	50.71	33.29	5.77	7.74	5.9	2.392	70.4	2.3	0.7	0.5
1243	6/5/2014 7:46:03	15.54	50.75	33.32	6.26	7.79	6.8	2.334	77.0	2.0	0.6	0.5
1244	6/5/2014 8:01:03	15.90	50.57	33.20	6.46	7.81	6.5	2.255	80.0	2.5	0.7	0.6
1245	6/5/2014 8:16:03	16.08	50.65	33.26	6.59	7.83	5.4	2.195	81.8	2.0	0.6	0.5
1246	6/5/2014 8:31:03	15.77	50.73	33.31	6.67	7.82	5.6	2.138	82.4	2.2	0.6	0.5
1247	6/5/2014 8:46:03	16.27	50.65	33.26	6.70	7.84	5.1	2.076	83.6	2.0	0.6	0.5
1248	6/5/2014 9:01:03	16.45	50.64	33.26	6.83	7.86	5.9	1.999	85.5	2.5	0.7	0.6
1249	6/5/2014 9:16:04	16.39	50.69	33.29	7.10	7.88	5.6	1.927	88.8	2.0	0.6	0.5
1250	6/5/2014 9:31:03	16.41	50.70	33.30	7.15	7.87	5.0	1.877	89.4	2.5	0.7	0.6
1251	6/5/2014 9:46:03	16.61	50.64	33.26	7.43	7.90	4.8	1.804	93.2	2.5	0.7	0.6
1252	6/5/2014 10:01:03	16.78	50.63	33.26	7.62	7.91	4.5	1.735	95.9	2.9	0.8	0.7
1253	6/5/2014 10:16:03	16.93	50.62	33.25	7.94	7.94	4.7	1.687	100.3	2.2	0.6	0.5
1254	6/5/2014 10:31:03	17.01	50.67	33.29	8.11	7.96	4.6	1.642	102.7	2.6	0.7	0.6
1255	6/5/2014 10:46:03	17.26	50.67	33.29	8.19	7.97	4.2	1.591	104.1	2.8	0.8	0.7
1256	6/5/2014 11:01:03	17.24	50.67	33.29	8.24	7.97	4.3	1.529	104.7	1.4	0.4	0.3
1257	6/5/2014 11:16:03	17.36	50.71	33.32	8.20	7.97	3.7	1.517	104.5	2.4	0.7	0.6
1258	6/5/2014 11:31:04	17.44	50.73	33.33	8.02	7.97	3.8	1.508	102.3	2.3	0.7	0.5
1259	6/5/2014 11:46:03	17.44	50.72	33.33	7.20	7.93	3.7	1.492	91.9	1.3	0.4	0.3
1260	6/5/2014 12:01:03	17.45	50.65	33.28	7.79	7.94	4.3	1.477	99.4	1.5	0.4	0.4
1261	6/5/2014 12:16:03	17.55	50.69	33.31	7.29	7.93	4.5	1.505	93.2	2.3	0.7	0.5
1262	6/5/2014 12:31:03	17.58	50.69	33.31	7.37	7.92	3.9	1.522	94.2	2.6	0.7	0.6
1263	6/5/2014 12:46:03	17.65	50.70	33.32	7.32	7.92	4.2	1.566	93.7	3.0	0.9	0.7
1264	6/5/2014 13:01:03	17.63	50.65	33.28	7.17	7.91	4.8	1.594	91.8	2.8	0.8	0.7
1265	6/5/2014 13:16:03	17.60	50.70	33.32	7.04	7.91	5.7	1.644	90.1	3.0	0.9	0.7
1266	6/5/2014 13:31:03	17.51	50.68	33.30	6.98	7.89	8.3	1.695	89.2	2.1	0.6	0.5
1267	6/5/2014 13:46:03	17.50	50.68	33.30	6.87	7.89	6.5	1.758	87.7	2.5	0.7	0.6
1268	6/5/2014 14:01:03	17.50	50.66	33.28	6.81	7.88	6.5	1.819	87.0	2.5	0.7	0.6
1269	6/5/2014 14:16:03	17.36	50.71	33.32	6.80	7.87	7.2	1.874	86.6	2.2	0.6	0.5
1270	6/5/2014 14:31:03	17.19	50.69	33.31	6.70	7.87	7.2	1.932	85.1	3.0	0.9	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
1271	6/5/2014 14:46:03	17.04	50.63	33.26	6.69	7.86	7.4	2.013	84.7	2.5	0.7	0.6
1272	6/5/2014 15:01:03	16.85	50.53	33.19	6.70	7.86	7.9	2.077	84.4	3.1	0.9	0.7
1273	6/5/2014 15:16:03	16.76	50.61	33.24	6.68	7.85	7.0	2.146	84.1	3.0	0.9	0.7
1274	6/5/2014 15:31:03	16.55	50.51	33.16	6.84	7.87	6.2	2.217	85.7	2.6	0.7	0.6
1275	6/5/2014 15:46:03	16.38	50.58	33.21	6.98	7.88	6.0	2.286	87.2	2.7	0.8	0.6
1276	6/5/2014 16:01:03	16.35	50.55	33.19	7.04	7.88	6.1	2.354	87.9	3.3	1.0	0.8
1277	6/5/2014 16:16:03	16.24	50.51	33.16	7.15	7.89	5.5	2.418	89.0	2.6	0.7	0.6
1278	6/5/2014 16:31:03	16.07	50.48	33.13	7.31	7.90	5.9	2.489	90.7	3.5	1.0	0.8
1279	6/5/2014 16:46:03	15.91	50.46	33.12	7.38	7.91	5.3	2.547	91.3	3.0	0.9	0.7
1280	6/5/2014 17:01:03	15.60	50.46	33.11	7.53	7.92	5.9	2.617	92.5	3.0	0.9	0.7
1281	6/5/2014 17:16:03	15.55	50.43	33.09	7.76	7.93	6.7	2.677	95.3	5.1	1.5	1.2
1282	6/5/2014 17:31:03	15.04	50.47	33.11	8.19	7.96	6.1	2.739	99.6	3.7	1.1	0.9
1283	6/5/2014 17:46:03	14.88	50.43	33.07	8.39	7.98	6.5	2.807	101.7	4.6	1.3	1.1
1284	6/5/2014 18:01:04	14.77	50.37	33.03	8.54	7.99	5.3	2.852	103.2	3.4	1.0	0.8
1285	6/5/2014 18:16:04	14.65	50.44	33.07	8.52	7.99	5.9	2.900	102.8	4.2	1.2	1.0
1286	6/5/2014 18:31:04	14.49	50.47	33.09	8.35	7.99	5.4	2.936	100.4	3.6	1.0	0.8
1287	6/5/2014 18:46:04	14.26	50.44	33.06	8.09	7.99	4.0	2.953	96.8	4.8	1.4	1.1
1288	6/5/2014 19:01:04	14.68	50.27	32.95	7.40	7.92	2.8	2.975	89.3	2.3	0.7	0.6
1289	6/5/2014 19:16:04	14.50	50.48	33.10	8.50	7.99	4.0	2.975	102.2	4.7	1.4	1.1
1290	6/5/2014 19:31:04	14.28	50.44	33.07	8.58	7.99	3.1	2.965	102.7	2.8	0.8	0.7
1291	6/5/2014 19:46:04	14.30	50.45	33.07	8.75	8.00	4.7	2.928	104.8	5.3	1.5	1.2
1292	6/5/2014 20:01:04	14.51	50.41	33.05	8.59	7.99	4.2	2.890	103.4	3.8	1.1	0.9
1293	6/5/2014 20:16:03	15.01	50.41	33.06	8.39	7.97	4.4	2.853	101.9	2.6	0.7	0.6
1294	6/5/2014 20:31:03	15.72	50.46	33.12	7.99	7.94	5.4	2.797	98.4	2.8	0.8	0.7
1295	6/5/2014 20:46:03	16.17	50.53	33.17	7.96	7.94	5.6	2.743	99.0	3.6	1.0	0.8
1296	6/5/2014 21:01:03	16.37	50.50	33.16	7.99	7.95	5.4	2.684	99.7	2.9	0.8	0.7
1297	6/5/2014 21:16:03	16.19	50.45	33.11	7.99	7.95	5.7	2.615	99.4	4.7	1.4	1.1
1298	6/5/2014 21:31:03	16.16	50.38	33.06	7.93	7.95	5.4	2.549	98.6	3.7	1.1	0.9
1299	6/5/2014 21:46:03	16.32	50.48	33.14	7.88	7.95	5.5	2.504	98.3	2.9	0.8	0.7
1300	6/5/2014 22:01:03	16.44	50.47	33.14	7.78	7.94	5.1	2.446	97.3	3.0	0.9	0.7
1301	6/5/2014 22:16:03	16.44	50.54	33.19	7.70	7.93	5.3	2.404	96.2	3.2	0.9	0.8
1302	6/5/2014 22:31:03	16.54	50.55	33.19	7.59	7.93	5.7	2.339	95.1	3.1	0.9	0.7
1303	6/5/2014 22:46:03	16.70	50.45	33.12	7.48	7.92	6.3	2.289	94.0	3.1	0.9	0.7
1304	6/5/2014 23:01:03	16.81	50.48	33.15	7.39	7.92	5.5	2.227	93.0	2.7	0.8	0.7
1305	6/5/2014 23:16:03	16.94	50.59	33.23	7.39	7.92	6.2	2.164	93.3	2.9	0.8	0.7
1306	6/5/2014 23:31:03	17.11	50.59	33.23	7.45	7.93	5.9	2.120	94.4	3.5	1.0	0.8
1307	6/5/2014 23:46:03	17.41	50.61	33.25	7.40	7.93	6.4	2.055	94.3	4.5	1.3	1.1
1308	6/6/2014 0:01:03	17.77	50.67	33.30	7.38	7.95	6.2	2.017	94.7	3.0	0.9	0.7
1309	6/6/2014 0:16:03	17.89	50.70	33.32	7.50	7.95	6.2	1.963	96.5	3.2	0.9	0.8
1310	6/6/2014 0:31:03	18.14	50.71	33.33	7.56	7.96	5.6	1.936	97.7	3.0	0.9	0.7
1311	6/6/2014 0:46:03	18.28	50.68	33.30	7.60	7.97	6.1	1.921	98.5	3.3	1.0	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
1312	6/6/2014 1:01:03	18.39	50.70	33.32	7.28	7.96	4.7	1.897	94.5	3.0	0.9	0.7
1313	6/6/2014 1:16:03	18.35	50.74	33.35	6.03	7.90	4.4	1.889	78.3	2.0	0.6	0.5
1314	6/6/2014 1:31:03	18.27	50.76	33.37	7.40	7.96	6.6	1.882	96.0	3.4	1.0	0.8
1315	6/6/2014 1:46:03	18.06	50.65	33.28	7.42	7.95	6.7	1.913	95.7	3.0	0.9	0.7
1316	6/6/2014 2:01:03	17.91	50.62	33.26	7.35	7.94	7.0	1.932	94.6	3.3	1.0	0.8
1317	6/6/2014 2:16:03	17.79	50.71	33.33	7.33	7.94	6.6	1.968	94.2	3.2	0.9	0.8
1318	6/6/2014 2:31:03	17.66	50.54	33.20	7.30	7.93	8.3	2.018	93.4	3.2	0.9	0.8
1319	6/6/2014 2:46:03	17.48	50.61	33.25	7.24	7.91	6.7	2.058	92.4	3.3	1.0	0.8
1320	6/6/2014 3:01:03	17.49	50.62	33.25	7.05	7.90	6.5	2.109	90.0	2.7	0.8	0.6
1321	6/6/2014 3:16:03	17.46	50.55	33.21	7.09	7.89	7.8	2.137	90.5	3.1	0.9	0.7
1322	6/6/2014 3:31:03	17.29	50.60	33.24	7.05	7.90	6.8	2.180	89.6	3.2	0.9	0.7
1323	6/6/2014 3:46:03	17.17	50.53	33.19	7.16	7.90	6.3	2.232	90.8	3.0	0.9	0.7
1324	6/6/2014 4:01:03	17.06	50.56	33.21	7.16	7.90	5.4	2.262	90.6	2.5	0.7	0.6
1325	6/6/2014 4:16:03	16.87	50.54	33.19	7.06	7.89	4.5	2.301	89.1	2.9	0.8	0.7
1326	6/6/2014 4:31:03	16.62	50.44	33.12	7.27	7.90	5.3	2.353	91.2	2.7	0.8	0.6
1327	6/6/2014 4:46:03	16.28	50.53	33.18	7.33	7.90	5.7	2.385	91.4	2.9	0.8	0.7
1328	6/6/2014 5:01:03	16.10	50.45	33.12	7.45	7.91	4.2	2.418	92.5	3.8	1.1	0.9
1329	6/6/2014 5:16:03	15.94	50.40	33.08	7.51	7.91	4.5	2.455	92.9	4.9	1.4	1.2
1330	6/6/2014 5:31:04	15.82	50.52	33.16	7.52	7.92	5.6	2.492	92.9	3.0	0.9	0.7
1331	6/6/2014 5:46:04	15.69	50.50	33.14	7.58	7.92	3.8	2.508	93.4	3.4	1.0	0.8
1332	6/6/2014 6:01:04	15.63	50.50	33.14	7.52	7.91	3.7	2.539	92.6	3.7	1.1	0.9
1333	6/6/2014 6:16:03	15.56	50.46	33.11	7.50	7.91	4.5	2.567	92.2	2.8	0.8	0.7
1334	6/6/2014 6:31:03	16.10	50.38	33.06	7.02	7.89	6.6	2.567	87.1	2.9	0.8	0.7
1335	6/6/2014 6:46:03	15.89	50.61	33.23	6.94	7.89	5.0	2.586	85.9	2.2	0.6	0.5
1336	6/6/2014 7:01:03	15.48	50.57	33.19	7.19	7.89	3.6	2.573	88.3	2.5	0.7	0.6
1337	6/6/2014 7:16:03	15.51	50.43	33.09	6.84	7.88	3.1	2.558	83.9	2.9	0.8	0.7
1338	6/6/2014 7:31:04	15.46	50.52	33.15	6.64	7.88	3.2	2.531	81.4	11.2	3.2	2.7
1339	6/6/2014 7:46:04	15.59	50.37	33.05	7.10	7.89	6.0	2.503	87.2	1.8	0.5	0.4
1340	6/6/2014 8:01:04	16.23	50.41	33.09	6.83	7.87	4.9	2.465	85.0	2.5	0.7	0.6
1341	6/6/2014 8:16:04	16.42	50.55	33.19	6.67	7.87	6.0	2.413	83.4	8.0	2.3	1.9
1342	6/6/2014 8:31:03	16.45	50.64	33.26	6.60	7.86	5.0	2.367	82.6	2.3	0.7	0.6
1343	6/6/2014 8:46:03	16.44	50.58	33.21	6.68	7.86	5.8	2.309	83.5	1.8	0.5	0.4
1344	6/6/2014 9:01:03	16.23	50.72	33.32	6.73	7.84	8.0	2.255	83.9	2.9	0.8	0.7
1345	6/6/2014 9:16:03	16.61	50.61	33.24	7.00	7.88	6.1	2.200	87.9	2.6	0.7	0.6
1346	6/6/2014 9:31:03	16.68	50.57	33.21	7.02	7.88	5.9	2.141	88.2	2.7	0.8	0.6
1347	6/6/2014 9:46:03	16.75	50.57	33.21	7.18	7.89	6.2	2.085	90.3	2.5	0.7	0.6
1348	6/6/2014 10:01:03	16.82	50.60	33.24	7.36	7.91	5.9	2.010	92.8	3.0	0.9	0.7
1349	6/6/2014 10:16:03	17.04	50.59	33.23	7.53	7.92	6.2	1.972	95.3	2.7	0.8	0.6
1350	6/6/2014 10:31:03	17.20	50.56	33.21	7.59	7.93	6.0	1.920	96.4	2.5	0.7	0.6
1351	6/6/2014 10:46:03	17.21	50.55	33.20	7.69	7.94	5.4	1.850	97.6	2.9	0.8	0.7
1352	6/6/2014 11:01:03	17.27	50.55	33.20	8.11	7.96	5.4	1.796	103.1	2.4	0.7	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
1353	6/6/2014 11:16:03	17.44	50.62	33.26	8.09	7.98	5.3	1.754	103.2	2.6	0.7	0.6
1354	6/6/2014 11:31:03	17.60	50.54	33.20	8.06	7.97	4.6	1.708	103.1	2.8	0.8	0.7
1355	6/6/2014 11:46:03	17.73	50.54	33.20	7.93	7.96	3.9	1.659	101.6	2.3	0.7	0.6
1356	6/6/2014 12:01:03	17.77	50.54	33.20	7.71	7.96	3.3	1.634	98.9	1.5	0.4	0.4
1357	6/6/2014 12:16:03	17.77	50.62	33.26	7.28	7.95	4.1	1.621	93.5	1.9	0.5	0.5
1358	6/6/2014 12:31:03	17.91	50.37	33.08	6.30	7.90	3.1	1.610	80.9	1.4	0.4	0.3
1359	6/6/2014 12:46:03	17.83	50.65	33.28	7.85	7.96	4.0	1.600	100.9	2.1	0.6	0.5
1360	6/6/2014 13:01:03	17.83	50.65	33.28	7.84	7.96	4.4	1.607	100.8	2.3	0.7	0.5
1361	6/6/2014 13:16:03	17.84	50.61	33.25	7.74	7.96	4.3	1.633	99.4	3.2	0.9	0.8
1362	6/6/2014 13:31:04	18.00	50.63	33.27	7.63	7.95	4.0	1.658	98.4	3.6	1.0	0.8
1363	6/6/2014 13:46:03	17.97	50.62	33.26	7.55	7.95	4.6	1.695	97.3	5.5	1.6	1.3
1364	6/6/2014 14:01:03	17.95	50.59	33.24	7.50	7.94	4.7	1.738	96.5	3.3	1.0	0.8
1365	6/6/2014 14:16:03	17.90	50.60	33.25	7.46	7.94	5.5	1.788	96.0	3.7	1.1	0.9
1366	6/6/2014 14:31:03	17.84	50.57	33.23	7.32	7.92	5.7	1.847	94.0	4.3	1.2	1.0
1367	6/6/2014 14:46:03	17.97	50.60	33.25	7.31	7.92	5.0	1.895	94.1	4.9	1.4	1.2
1368	6/6/2014 15:01:03	17.75	50.58	33.23	7.19	7.91	6.7	1.964	92.3	3.3	1.0	0.8
1369	6/6/2014 15:16:03	17.61	50.54	33.20	7.16	7.90	6.0	2.031	91.6	3.6	1.0	0.8
1370	6/6/2014 15:31:03	17.45	50.56	33.21	7.13	7.90	6.5	2.093	90.9	3.3	1.0	0.8
1371	6/6/2014 15:46:03	17.21	50.53	33.19	7.05	7.89	6.8	2.166	89.4	3.0	0.9	0.7
1372	6/6/2014 16:01:03	16.97	50.51	33.17	7.11	7.89	6.8	2.232	89.8	2.4	0.7	0.6
1373	6/6/2014 16:16:03	16.79	50.40	33.09	7.21	7.89	6.4	2.304	90.7	3.5	1.0	0.8
1374	6/6/2014 16:31:03	16.67	50.44	33.12	7.36	7.90	6.4	2.376	92.5	3.4	1.0	0.8
1375	6/6/2014 16:46:03	16.32	50.44	33.11	7.62	7.92	6.6	2.445	95.1	3.2	0.9	0.8
1376	6/6/2014 17:01:03	16.12	50.44	33.10	7.78	7.93	6.6	2.505	96.6	3.5	1.0	0.8
1377	6/6/2014 17:16:04	15.99	50.44	33.10	7.88	7.94	5.7	2.574	97.7	3.5	1.0	0.8
1378	6/6/2014 17:31:03	15.91	50.37	33.05	7.97	7.95	5.9	2.641	98.6	4.2	1.2	1.0
1379	6/6/2014 17:46:03	15.76	50.38	33.05	8.14	7.96	5.9	2.716	100.4	4.6	1.3	1.1
1380	6/6/2014 18:01:03	15.47	50.38	33.05	8.37	7.97	7.2	2.772	102.5	4.9	1.4	1.2
1381	6/6/2014 18:16:03	15.14	50.32	33.00	8.65	7.99	6.4	2.828	105.3	4.2	1.2	1.0
1382	6/6/2014 18:31:03	15.01	50.34	33.01	8.71	8.00	7.4	2.896	105.8	4.9	1.4	1.2
1383	6/6/2014 18:46:04	14.75	50.36	33.02	8.96	8.01	5.9	2.952	108.2	4.7	1.4	1.1
1384	6/6/2014 19:01:04	14.61	50.39	33.04	8.99	8.02	4.8	2.990	108.3	5.6	1.6	1.3
1385	6/6/2014 19:16:03	14.52	50.32	32.98	8.99	8.02	3.6	3.038	108.1	4.1	1.2	1.0
1386	6/6/2014 19:31:03	14.31	50.46	33.08	9.09	8.02	4.5	3.060	108.9	3.5	1.0	0.8
1387	6/6/2014 19:46:04	14.69	49.98	32.74	8.67	8.01	4.5	3.063	104.4	3.2	0.9	0.8
1388	6/6/2014 20:01:04	14.33	50.39	33.03	8.81	8.02	4.6	3.061	105.5	4.0	1.2	0.9
1389	6/6/2014 20:16:04	14.39	50.41	33.04	8.75	8.01	3.3	3.053	105.0	3.2	0.9	0.8
1390	6/6/2014 20:31:04	14.39	50.39	33.03	8.78	8.01	5.5	3.016	105.3	2.9	0.8	0.7
1391	6/6/2014 20:46:03	14.60	50.30	32.97	8.62	8.00	3.7	2.972	103.8	3.3	1.0	0.8
1392	6/6/2014 21:01:04	15.34	50.34	33.02	8.21	7.97	4.7	2.909	100.4	4.3	1.2	1.0
1393	6/6/2014 21:16:03	15.95	50.40	33.08	7.78	7.95	5.1	2.856	96.3	3.0	0.9	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
1394	6/6/2014 21:31:03	16.38	50.47	33.13	7.93	7.96	5.8	2.784	99.1	3.2	0.9	0.8
1395	6/6/2014 21:46:04	16.18	50.48	33.14	8.02	7.97	5.4	2.731	99.7	4.2	1.2	1.0
1396	6/6/2014 22:01:04	15.92	50.46	33.12	8.05	7.97	6.4	2.669	99.6	3.4	1.0	0.8
1397	6/6/2014 22:16:03	16.08	50.40	33.08	7.99	7.97	5.9	2.597	99.1	3.5	1.0	0.8
1398	6/6/2014 22:31:03	16.36	50.43	33.11	7.89	7.96	8.4	2.530	98.5	3.2	0.9	0.8
1399	6/6/2014 22:46:03	16.47	50.48	33.14	7.75	7.95	5.3	2.477	97.0	3.2	0.9	0.7
1400	6/6/2014 23:01:03	16.53	50.43	33.10	7.69	7.94	6.8	2.407	96.3	3.8	1.1	0.9
1401	6/6/2014 23:16:03	16.72	50.48	33.15	7.50	7.93	8.3	2.325	94.3	3.8	1.1	0.9
1402	6/6/2014 23:31:03	16.48	50.55	33.19	7.40	7.92	5.9	2.256	92.6	3.3	1.0	0.8
1403	6/6/2014 23:46:03	16.97	50.44	33.12	7.31	7.92	6.7	2.194	92.3	3.3	1.0	0.8
1404	6/7/2014 0:01:03	17.12	50.43	33.12	7.27	7.92	7.0	2.118	92.0	3.5	1.0	0.8
1405	6/7/2014 0:16:03	17.07	50.49	33.16	7.34	7.93	7.2	2.048	93.0	3.6	1.0	0.9
1406	6/7/2014 0:31:03	17.32	50.58	33.23	7.51	7.95	11.1	1.974	95.6	3.8	1.1	0.9
1407	6/7/2014 0:46:03	17.67	50.56	33.21	7.63	7.99	14.5	1.923	97.7	4.3	1.2	1.0
1408	6/7/2014 1:01:03	18.22	50.68	33.31	7.80	8.02	5.6	1.881	101.0	3.5	1.0	0.8
1409	6/7/2014 1:16:03	18.25	50.70	33.32	7.87	8.03	5.5	1.798	102.0	3.7	1.1	0.9
1410	6/7/2014 1:31:03	18.25	50.72	33.33	7.86	8.03	7.3	1.756	101.9	3.3	1.0	0.8
1411	6/7/2014 1:46:03	18.56	50.72	33.34	7.97	8.05	5.0	1.748	103.9	3.7	1.1	0.9
1412	6/7/2014 2:01:03	18.64	50.69	33.32	8.02	8.05	5.1	1.721	104.6	3.5	1.0	0.8
1413	6/7/2014 2:16:03	18.62	50.71	33.33	7.16	8.00	4.3	1.710	93.5	11.3	3.3	2.7
1414	6/7/2014 2:31:03	18.57	50.75	33.36	7.99	8.03	4.9	1.731	104.2	3.7	1.1	0.9
1415	6/7/2014 2:46:03	18.46	50.72	33.34	7.92	8.03	4.8	1.741	103.0	3.3	1.0	0.8
1416	6/7/2014 3:01:03	18.35	50.66	33.29	7.84	8.02	5.3	1.776	101.7	3.2	0.9	0.8
1417	6/7/2014 3:16:03	18.26	50.72	33.33	7.73	8.01	6.2	1.800	100.2	3.4	1.0	0.8
1418	6/7/2014 3:31:03	18.11	50.67	33.30	7.69	8.00	7.0	1.864	99.3	2.9	0.8	0.7
1419	6/7/2014 3:46:03	17.96	50.67	33.30	7.62	7.99	7.0	1.911	98.1	3.4	1.0	0.8
1420	6/7/2014 4:01:03	17.96	50.52	33.19	7.29	7.95	6.8	1.951	93.8	3.5	1.0	0.8
1421	6/7/2014 4:16:03	17.98	50.51	33.18	7.09	7.93	9.0	1.996	91.4	3.5	1.0	0.8
1422	6/7/2014 4:31:03	17.78	50.58	33.23	7.20	7.94	14.0	2.052	92.4	3.3	1.0	0.8
1423	6/7/2014 4:46:03	17.66	50.49	33.16	7.21	7.93	11.7	2.110	92.3	3.5	1.0	0.8
1424	6/7/2014 5:01:03	17.53	50.53	33.19	7.19	7.93	9.7	2.142	91.9	3.6	1.0	0.8
1425	6/7/2014 5:16:03	17.38	50.56	33.21	7.18	7.93	9.8	2.203	91.5	3.9	1.1	0.9
1426	6/7/2014 5:31:03	17.05	50.54	33.19	7.20	7.92	8.8	2.247	91.2	3.2	0.9	0.8
1427	6/7/2014 5:46:03	16.74	50.45	33.12	7.27	7.92	6.2	2.284	91.4	3.6	1.0	0.8
1428	6/7/2014 6:01:03	16.49	50.43	33.10	7.34	7.92	7.5	2.335	91.9	2.6	0.7	0.6
1429	6/7/2014 6:16:03	16.36	50.43	33.10	7.40	7.93	5.2	2.379	92.3	3.2	0.9	0.7
1430	6/7/2014 6:31:03	16.26	50.44	33.11	7.41	7.92	5.0	2.415	92.3	2.7	0.8	0.6
1431	6/7/2014 6:46:03	16.20	50.42	33.10	7.40	7.92	4.1	2.440	92.0	2.9	0.8	0.7
1432	6/7/2014 7:01:03	16.10	50.46	33.12	7.41	7.92	4.0	2.474	92.0	3.3	1.0	0.8
1433	6/7/2014 7:16:03	16.02	50.49	33.14	7.36	7.92	8.6	2.501	91.2	3.4	1.0	0.8
1434	6/7/2014 7:31:04	15.95	50.43	33.10	7.21	7.91	5.0	2.517	89.3	2.9	0.8	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
1435	6/7/2014 7:46:03	16.08	50.57	33.21	6.98	7.90	4.5	2.531	86.7	2.5	0.7	0.6
1436	6/7/2014 8:01:03	16.15	50.56	33.20	6.90	7.90	4.4	2.549	85.8	2.3	0.7	0.5
1437	6/7/2014 8:16:04	15.86	50.51	33.16	7.11	7.91	14.9	2.533	87.9	2.5	0.7	0.6
1438	6/7/2014 8:31:03	15.86	50.55	33.18	6.37	7.89	2.9	2.521	78.7	2.1	0.6	0.5
1439	6/7/2014 8:46:04	15.82	50.50	33.15	6.92	7.91	3.0	2.494	85.4	2.0	0.6	0.5
1440	6/7/2014 9:01:04	16.11	50.45	33.11	7.10	7.92	3.7	2.466	88.2	6.7	1.9	1.6
1441	6/7/2014 9:16:03	16.41	50.49	33.15	7.08	7.92	4.2	2.443	88.5	2.5	0.7	0.6
1442	6/7/2014 9:31:03	16.47	50.56	33.20	7.24	7.93	3.8	2.382	90.6	2.1	0.6	0.5
1443	6/7/2014 9:46:03	16.71	50.49	33.15	7.27	7.93	8.1	2.335	91.4	2.3	0.7	0.5
1444	6/7/2014 10:01:03	16.92	50.57	33.22	7.38	7.94	4.7	2.283	93.2	2.9	0.8	0.7
1445	6/7/2014 10:16:03	17.09	50.60	33.24	7.51	7.95	4.7	2.225	95.1	3.0	0.9	0.7
1446	6/7/2014 10:31:03	17.28	50.61	33.25	7.43	7.95	5.1	2.177	94.4	2.3	0.7	0.5
1447	6/7/2014 10:46:03	17.42	50.61	33.25	7.43	7.95	5.3	2.109	94.8	2.1	0.6	0.5
1448	6/7/2014 11:01:03	17.49	50.60	33.24	7.79	7.97	5.1	2.057	99.5	3.0	0.9	0.7
1449	6/7/2014 11:16:03	17.68	50.54	33.20	7.72	7.98	6.8	2.002	98.9	2.1	0.6	0.5
1450	6/7/2014 11:31:03	17.68	50.61	33.25	7.94	7.99	5.2	1.944	101.7	2.8	0.8	0.7
1451	6/7/2014 11:46:03	17.80	50.71	33.33	8.11	8.00	9.2	1.890	104.2	2.5	0.7	0.6
1452	6/7/2014 12:01:03	17.90	50.70	33.32	7.90	7.99	6.7	1.835	101.6	2.4	0.7	0.6
1453	6/7/2014 12:16:03	17.99	50.71	33.33	7.59	7.98	6.3	1.803	97.9	2.0	0.6	0.5
1454	6/7/2014 12:31:03	17.99	50.62	33.26	7.99	8.01	9.2	1.747	103.0	2.1	0.6	0.5
1455	6/7/2014 12:46:03	18.17	50.69	33.31	7.20	7.97	5.5	1.728	93.2	1.6	0.5	0.4
1456	6/7/2014 13:01:03	18.24	50.66	33.29	6.79	7.96	3.9	1.701	87.9			
1457	6/7/2014 13:16:03	18.23	50.71	33.33	7.26	7.96	4.5	1.673	94.1	2.6	0.7	0.6
1458	6/7/2014 13:31:03	18.37	50.69	33.31	7.12	7.97	4.0	1.684	92.5	3.1	0.9	0.7
1459	6/7/2014 13:46:03	18.26	50.81	33.40	7.90	8.00	36.1	1.685	102.4	3.0	0.9	0.7
1460	6/7/2014 14:01:03	18.35	50.75	33.36	7.76	7.99	4.3	1.702	100.7	3.5	1.0	0.8
1461	6/7/2014 14:16:03	18.37	50.80	33.39	7.87	8.00	4.1	1.720	102.3	3.9	1.1	0.9
1462	6/7/2014 14:31:03	18.31	50.77	33.37	7.83	7.99	4.8	1.759	101.6	4.2	1.2	1.0
1463	6/7/2014 14:46:03	18.30	50.65	33.29	7.82	7.99	5.7	1.811	101.4	4.1	1.2	1.0
1464	6/7/2014 15:01:03	18.35	50.73	33.34	7.76	7.99	6.1	1.853	100.7	4.4	1.3	1.0
1465	6/7/2014 15:16:03	18.22	50.78	33.38	7.63	7.98	6.1	1.893	98.9	4.0	1.2	0.9
1466	6/7/2014 15:31:03	18.08	50.70	33.32	7.60	7.97	6.4	1.961	98.2	4.7	1.4	1.1
1467	6/7/2014 15:46:03	18.04	50.71	33.33	7.53	7.97	7.0	2.010	97.2	4.4	1.3	1.0
1468	6/7/2014 16:01:03	18.02	50.70	33.32	7.51	7.96	6.5	2.072	96.9	4.2	1.2	1.0
1469	6/7/2014 16:16:03	17.88	50.71	33.33	7.37	7.95	6.8	2.131	94.8	3.9	1.1	0.9
1470	6/7/2014 16:31:03	17.75	50.68	33.30	7.32	7.94	18.4	2.206	93.9	3.4	1.0	0.8
1471	6/7/2014 16:46:03	17.65	50.60	33.24	7.43	7.95	14.9	2.269	95.1	3.3	1.0	0.8
1472	6/7/2014 17:01:03	17.32	50.65	33.28	7.28	7.93	9.3	2.331	92.6	3.6	1.0	0.9
1473	6/7/2014 17:16:03	17.04	50.54	33.19	7.42	7.94	14.7	2.395	93.8	3.9	1.1	0.9
1474	6/7/2014 17:31:03	16.69	50.60	33.24	7.55	7.95	18.8	2.466	94.8	3.4	1.0	0.8
1475	6/7/2014 17:46:03	16.42	50.57	33.21	7.65	7.95	8.6	2.535	95.6	3.7	1.1	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
1476	6/7/2014 18:01:03	16.36	50.55	33.19	7.84	7.97	8.3	2.601	97.9	3.8	1.1	0.9
1477	6/7/2014 18:16:03	16.26	50.54	33.18	7.99	7.97	14.2	2.672	99.6	4.6	1.3	1.1
1478	6/7/2014 18:31:03	16.06	50.53	33.17	8.05	7.98	17.6	2.745	100.0	4.0	1.2	1.0
1479	6/7/2014 18:46:03	15.77	50.52	33.16	8.13	7.98	13.3	2.814	100.3	4.0	1.2	0.9
1480	6/7/2014 19:01:03	15.48	50.48	33.12	8.45	8.01	11.5	2.883	103.6	4.4	1.3	1.0
1481	6/7/2014 19:16:03	15.32	50.46	33.11	8.62	8.02	10.0	2.947	105.4	6.1	1.8	1.4
1482	6/7/2014 19:31:03	15.04	50.49	33.13	8.81	8.03	12.0	2.988	107.1	5.6	1.6	1.3
1483	6/7/2014 19:46:03	14.78	50.50	33.12	8.86	8.04	11.4	3.046	107.2	5.9	1.7	1.4
1484	6/7/2014 20:01:04	14.59	50.49	33.11	8.93	8.04	21.6	3.084	107.6	5.1	1.5	1.2
1485	6/7/2014 20:16:03	14.47	50.50	33.12	8.88	8.05	7.5	3.104	106.7	6.1	1.8	1.5
1486	6/7/2014 20:31:04	14.92	50.28	32.97	8.46	8.03	14.1	3.111	102.6	4.4	1.3	1.0
1487	6/7/2014 20:46:04	14.53	50.60	33.19	8.79	8.04	6.5	3.122	105.8	4.6	1.3	1.1
1488	6/7/2014 21:01:03	14.47	50.52	33.13	8.76	8.04	10.9	3.092	105.3	4.1	1.2	1.0
1489	6/7/2014 21:16:03	14.50	50.47	33.09	8.75	8.04	6.5	3.051	105.2	4.4	1.3	1.0
1490	6/7/2014 21:31:04	14.71	50.52	33.14	8.63	8.03	6.1	3.012	104.3	4.5	1.3	1.1
1491	6/7/2014 21:46:04	15.06	50.49	33.12	8.24	8.01	15.1	2.955	100.2	3.7	1.1	0.9
1492	6/7/2014 22:01:04	15.12	50.52	33.15	7.98	8.00	12.5	2.885	97.2	3.2	0.9	0.8
1493	6/7/2014 22:16:04	14.97	50.56	33.17	7.88	7.99	8.7	2.810	95.7	4.3	1.2	1.0
1494	6/7/2014 22:31:04	14.81	50.58	33.18	7.89	7.99	8.3	2.742	95.5	5.1	1.5	1.2
1495	6/7/2014 22:46:04	14.62	50.62	33.21	8.03	8.00	10.3	2.653	96.9	5.4	1.6	1.3
1496	6/7/2014 23:01:04	15.18	50.53	33.15	7.89	7.99	29.1	2.576	96.3	5.8	1.7	1.4
1497	6/7/2014 23:16:03	15.73	50.49	33.14	7.68	7.97	55.8	2.491	94.7	4.4	1.3	1.1
1498	6/7/2014 23:31:03	16.19	50.61	33.23	7.45	7.96	32.7	2.422	92.7	5.7	1.6	1.3
1499	6/7/2014 23:46:03	16.39	50.61	33.24	7.35	7.95	9.9	2.345	91.8	4.6	1.3	1.1
1500	6/8/2014 0:01:04	16.73	50.68	33.29	7.14	7.94	31.4	2.261	89.9	5.0	1.4	1.2
1501	6/8/2014 0:16:03	16.61	50.63	33.25	7.23	7.95	10.9	2.175	90.8	3.9	1.1	0.9
1502	6/8/2014 0:31:03	16.45	50.68	33.29	7.27	7.96	49.8	2.087	91.0	4.6	1.3	1.1
1503	6/8/2014 0:46:03	16.85	50.69	33.30	7.28	7.96	133.1	2.016	91.8	4.7	1.4	1.1
1504	6/8/2014 1:01:03	17.01	50.72	33.32	7.19	7.96	72.3	1.925	91.0	4.4	1.3	1.0
1505	6/8/2014 1:16:03	17.04	50.72	33.33	7.18	7.97	67.5	1.846	90.9	4.5	1.3	1.1
1506	6/8/2014 1:31:03	17.26	50.74	33.34	7.14	7.98	68.5	1.773	90.7	4.4	1.3	1.0
1507	6/8/2014 1:46:03	17.64	50.71	33.32	7.16	7.99	69.2	1.694	91.7	3.8	1.1	0.9
1508	6/8/2014 2:01:03	17.89	50.78	33.38	7.17	8.00	31.1	1.632	92.3	3.7	1.1	0.9
1509	6/8/2014 2:16:03	18.28	50.85	33.43	7.22	8.03	47.7	1.597	93.6	3.6	1.0	0.9
1510	6/8/2014 2:31:03	18.46	50.85	33.43	7.18	8.04	40.1	1.557	93.5	3.0	0.9	0.7
1511	6/8/2014 2:46:03	18.66	50.89	33.46	7.23	8.06	47.1	1.531	94.5	3.9	1.1	0.9
1512	6/8/2014 3:01:03	18.64	50.78	33.38	6.65	8.02	67.2	1.509	86.8	3.1	0.9	0.7
1513	6/8/2014 3:16:03	18.62	50.90	33.47	7.03	8.05	53.6	1.538	91.9	3.6	1.0	0.8
1514	6/8/2014 3:31:03	18.58	50.83	33.41	7.33	8.05	28.8	1.533	95.6	3.9	1.1	0.9
1515	6/8/2014 3:46:03	18.53	50.90	33.47	7.34	8.05	6.3	1.577	95.7	3.2	0.9	0.8
1516	6/8/2014 4:01:03	18.44	50.86	33.44	7.28	8.04	11.4	1.623	94.7	3.8	1.1	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
1517	6/8/2014 4:16:03	18.37	50.83	33.42	7.25	8.03	91.9	1.661	94.3	3.8	1.1	0.9
1518	6/8/2014 4:31:03	18.34	50.71	33.33	7.21	8.03	114.9	1.720	93.6	3.7	1.1	0.9
1519	6/8/2014 4:46:03	18.26	50.82	33.41	7.06	8.00	36.9	1.773	91.6	4.6	1.3	1.1
1520	6/8/2014 5:01:03	18.27	50.79	33.39	6.81	7.97	8.3	1.837	88.3	5.0	1.4	1.2
1521	6/8/2014 5:16:03	18.21	50.73	33.34	6.74	7.96	10.6	1.886	87.3	5.0	1.4	1.2
1522	6/8/2014 5:31:03	18.06	50.77	33.37	6.92	7.97	12.2	1.941	89.3	4.4	1.3	1.0
1523	6/8/2014 5:46:03	17.91	50.73	33.34	6.92	7.97	8.9	2.002	89.0	4.2	1.2	1.0
1524	6/8/2014 6:01:03	17.76	50.72	33.33	6.92	7.96	9.2	2.063	88.9	4.2	1.2	1.0
1525	6/8/2014 6:16:03	17.58	50.58	33.23	6.90	7.96	11.5	2.120	88.2	4.2	1.2	1.0
1526	6/8/2014 6:31:03	17.17	50.66	33.28	6.95	7.94	9.0	2.159	88.2	3.8	1.1	0.9
1527	6/8/2014 6:46:03	16.80	50.58	33.22	7.04	7.94	7.8	2.223	88.7	3.3	1.0	0.8
1528	6/8/2014 7:01:03	16.69	50.54	33.19	7.04	7.94	6.1	2.277	88.5	3.3	1.0	0.8
1529	6/8/2014 7:16:03	16.62	50.62	33.25	7.05	7.94	5.8	2.323	88.5	2.8	0.8	0.7
1530	6/8/2014 7:31:03	16.54	50.59	33.23	7.08	7.94	5.8	2.374	88.7	3.2	0.9	0.8
1531	6/8/2014 7:46:04	16.42	50.62	33.25	7.08	7.94	5.4	2.426	88.6	3.4	1.0	0.8
1532	6/8/2014 8:01:03	16.29	50.52	33.17	7.16	7.95	4.9	2.464	89.3	2.6	0.7	0.6
1533	6/8/2014 8:16:03	16.23	50.55	33.19	7.16	7.95	5.0	2.498	89.2	2.6	0.7	0.6
1534	6/8/2014 8:31:03	16.09	50.60	33.22	7.25	7.95	4.6	2.528	90.0	3.2	0.9	0.8
1535	6/8/2014 8:46:04	16.03	50.58	33.21	7.12	7.94	4.8	2.544	88.3	2.5	0.7	0.6
1536	6/8/2014 9:01:04	15.96	50.61	33.23	6.98	7.94	3.8	2.578	86.4	2.9	0.8	0.7
1537	6/8/2014 9:16:03	15.96	50.55	33.19	6.70	7.91	4.3	2.579	83.0	1.7	0.5	0.4
1538	6/8/2014 9:31:03	16.17	50.54	33.18	6.73	7.92	4.3	2.581	83.7	2.2	0.6	0.5
1539	6/8/2014 9:46:04	16.07	50.61	33.23	6.36	7.89	3.4	2.568	79.0	2.6	0.7	0.6
1540	6/8/2014 10:01:04	16.03	50.58	33.21	6.61	7.91	3.7	2.543	82.0	2.7	0.8	0.6
1541	6/8/2014 10:16:03	16.36	50.59	33.22	7.07	7.95	3.1	2.515	88.3	2.2	0.6	0.5
1542	6/8/2014 10:31:03	16.77	50.59	33.23	7.30	7.97	3.8	2.462	91.9	2.6	0.7	0.6
1543	6/8/2014 10:46:03	16.66	50.62	33.25	7.23	7.96	4.1	2.410	90.9	2.9	0.8	0.7
1544	6/8/2014 11:01:03	16.89	50.68	33.30	7.36	7.98	5.1	2.362	93.0	2.3	0.7	0.5
1545	6/8/2014 11:16:03	17.08	50.63	33.26	7.52	7.99	4.2	2.289	95.2	2.4	0.7	0.6
1546	6/8/2014 11:31:03	17.17	50.62	33.25	7.40	7.97	4.9	2.233	93.9	2.5	0.7	0.6
1547	6/8/2014 11:46:03	17.35	50.70	33.32	7.24	7.97	4.3	2.164	92.2	2.5	0.7	0.6
1548	6/8/2014 12:01:03	17.70	50.73	33.34	7.44	7.99	4.2	2.122	95.5	2.8	0.8	0.7
1549	6/8/2014 12:16:03	17.80	50.66	33.29	6.92	7.96	4.0	2.061	88.9	2.2	0.6	0.5
1550	6/8/2014 12:31:03	17.81	50.76	33.37	7.06	7.97	4.3	1.986	90.8	2.8	0.8	0.7
1551	6/8/2014 12:46:03	17.89	50.77	33.37	6.83	7.96	4.0	1.935	88.0	2.7	0.8	0.6
1552	6/8/2014 13:01:03	18.05	50.72	33.33	6.84	7.96	4.2	1.888	88.3	2.0	0.6	0.5
1553	6/8/2014 13:16:03	18.20	50.79	33.39	6.83	7.97	4.8	1.843	88.4	2.4	0.7	0.6
1554	6/8/2014 13:31:03	18.35	50.78	33.38	6.64	7.95	4.0	1.803	86.2	1.9	0.5	0.4
1555	6/8/2014 13:46:03	18.46	50.74	33.35	6.96	7.99	4.5	1.780	90.6	2.7	0.8	0.6
1556	6/8/2014 14:01:03	18.50	50.80	33.39	6.61	7.96	3.9	1.757	86.0	1.9	0.5	0.5
1557	6/8/2014 14:16:03	18.59	50.80	33.40	6.39	7.95	5.6	1.762	83.4	2.9	0.8	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
1558	6/8/2014 14:31:03	18.65	50.75	33.36	7.35	8.00	5.3	1.759	96.0	3.6	1.0	0.9
1559	6/8/2014 14:46:03	18.64	50.83	33.42	7.30	8.02	5.0	1.770	95.3	3.1	0.9	0.7
1560	6/8/2014 15:01:03	18.65	50.82	33.41	7.49	8.02	5.0	1.810	97.8	3.5	1.0	0.8
1561	6/8/2014 15:16:03	18.69	50.81	33.40	7.39	8.02	4.9	1.831	96.6	3.4	1.0	0.8
1562	6/8/2014 15:31:03	18.68	50.76	33.37	7.49	8.02	5.0	1.886	97.8	4.1	1.2	1.0
1563	6/8/2014 15:46:03	18.68	50.79	33.39	7.51	8.01	5.2	1.929	98.2	4.4	1.3	1.1
1564	6/8/2014 16:01:03	18.59	50.65	33.29	7.56	8.02	4.3	1.967	98.6	4.5	1.3	1.1
1565	6/8/2014 16:16:03	18.44	50.75	33.36	7.59	8.01	4.9	2.026	98.7	4.3	1.2	1.0
1566	6/8/2014 16:31:03	18.44	50.75	33.36	7.60	8.01	5.9	2.088	98.9	4.9	1.4	1.2
1567	6/8/2014 16:46:03	18.18	50.74	33.35	7.49	8.00	6.2	2.152	96.9	3.9	1.1	0.9
1568	6/8/2014 17:01:03	18.02	50.69	33.31	7.55	8.00	5.9	2.213	97.4	4.1	1.2	1.0
1569	6/8/2014 17:16:03	17.78	50.69	33.31	7.67	8.00	6.7	2.287	98.5	4.6	1.3	1.1
1570	6/8/2014 17:31:03	17.68	50.60	33.25	7.35	7.98	41.5	2.348	94.2	3.5	1.0	0.8
1571	6/8/2014 17:46:03	17.25	50.63	33.26	7.37	7.97	6.7	2.423	93.7	3.6	1.0	0.8
1572	6/8/2014 18:01:03	16.83	50.54	33.19	7.45	7.97	7.2	2.500	93.9	3.0	0.9	0.7
1573	6/8/2014 18:16:04	16.62	50.58	33.22	7.54	7.98	7.2	2.562	94.7	4.5	1.3	1.1
1574	6/8/2014 18:31:03	16.21	50.56	33.19	7.68	7.98	7.7	2.643	95.6	5.0	1.4	1.2
1575	6/8/2014 18:46:04	16.10	50.58	33.21	7.75	7.99	7.2	2.713	96.3	3.2	0.9	0.8
1576	6/8/2014 19:01:03	16.02	50.49	33.14	7.92	8.01	9.2	2.792	98.1	4.8	1.4	1.1
1577	6/8/2014 19:16:03	15.76	50.52	33.16	8.08	8.02	7.5	2.856	99.7	4.9	1.4	1.2
1578	6/8/2014 19:31:04	15.49	50.51	33.14	8.37	8.04	7.0	2.936	102.7	5.3	1.5	1.3
1579	6/8/2014 19:46:04	15.12	50.51	33.14	8.62	8.06	9.1	3.014	105.0	6.2	1.8	1.5
1580	6/8/2014 20:01:04	14.82	50.58	33.18	8.74	8.07	8.5	3.076	105.8	6.3	1.8	1.5
1581	6/8/2014 20:16:04	14.58	50.57	33.17	8.78	8.07	5.9	3.123	105.8	6.9	2.0	1.6
1582	6/8/2014 20:31:04	14.39	50.59	33.18	8.87	8.08	6.6	3.182	106.5	5.9	1.7	1.4
1583	6/8/2014 20:46:03	13.71	50.54	33.12	9.25	8.10	5.4	3.231	109.5	8.7	2.5	2.1
1584	6/8/2014 21:01:04	13.50	50.59	33.15	9.26	8.09	4.7	3.246	109.1	14.9	4.3	3.5
1585	6/8/2014 21:16:03	13.54	50.72	33.24	8.98	8.08	17.5	3.265	106.0	5.5	1.6	1.3
1586	6/8/2014 21:31:04	13.54	50.73	33.25	9.03	8.08	3.8	3.271	106.6	7.7	2.2	1.8
1587	6/8/2014 21:46:03	13.60	50.60	33.16	9.13	8.09	5.7	3.245	107.8	7.3	2.1	1.7
1588	6/8/2014 22:01:04	13.74	50.66	33.21	9.06	8.09	4.8	3.198	107.4	6.8	2.0	1.6
1589	6/8/2014 22:16:03	14.76	50.63	33.21	8.41	8.05	4.8	3.146	101.8	6.6	1.9	1.6
1590	6/8/2014 22:31:04	15.10	50.61	33.21	7.76	8.02	6.4	3.067	94.6	4.2	1.2	1.0
1591	6/8/2014 22:46:04	15.00	50.57	33.18	7.99	8.02	6.1	3.003	97.1	5.0	1.4	1.2
1592	6/8/2014 23:01:03	15.30	50.75	33.32	7.97	8.02	6.8	2.909	97.5	6.2	1.8	1.5
1593	6/8/2014 23:16:03	16.08	50.70	33.30	7.73	8.01	10.8	2.820	96.0	5.0	1.4	1.2
1594	6/8/2014 23:31:03	16.32	50.58	33.22	7.48	7.99	7.4	2.731	93.3	4.7	1.4	1.1
1595	6/8/2014 23:46:03	16.57	50.63	33.25	7.39	7.98	8.3	2.643	92.7	4.1	1.2	1.0
1596	6/9/2014 0:01:03	16.63	50.61	33.24	7.32	7.99	7.8	2.543	91.9	4.3	1.2	1.0
1597	6/9/2014 0:16:03	16.96	50.70	33.31	6.95	7.96	7.5	2.451	87.8	4.1	1.2	1.0
1598	6/9/2014 0:31:03	17.15	50.70	33.32	7.00	7.96	10.2	2.343	88.8	4.7	1.4	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
1599	6/9/2014 0:46:03	17.48	47.58	31.03	6.68	7.94	8.1	2.255	84.1	4.1	1.2	1.0
1600	6/9/2014 1:01:03	17.66	50.77	33.37	6.74	7.96	8.4	2.152	86.4	4.6	1.3	1.1
1601	6/9/2014 1:16:03	17.44	50.76	33.36	6.83	7.96	9.0	2.044	87.1	4.0	1.2	1.0
1602	6/9/2014 1:31:03	17.30	50.81	33.40	7.05	7.99	8.5	1.940	89.7	4.3	1.2	1.0
1603	6/9/2014 1:46:03	17.39	50.78	33.37	7.07	8.00	8.2	1.836	90.1	4.1	1.2	1.0
1604	6/9/2014 2:01:03	17.42	50.83	33.41	7.01	8.00	8.3	1.731	89.4	4.2	1.2	1.0
1605	6/9/2014 2:16:03	17.85	50.90	33.47	7.01	8.01	8.1	1.640	90.3	4.0	1.2	0.9
1606	6/9/2014 2:31:03	17.97	50.85	33.43	6.89	8.01	7.1	1.562	88.9	3.7	1.1	0.9
1607	6/9/2014 2:46:03	18.07	50.93	33.49	6.87	8.02	6.5	1.461	88.8	3.6	1.0	0.8
1608	6/9/2014 3:01:03	18.39	50.89	33.46	6.96	8.04	6.8	1.409	90.5	3.8	1.1	0.9
1609	6/9/2014 3:16:03	18.44	50.91	33.48	6.93	8.04	5.9	1.363	90.2	3.8	1.1	0.9
1610	6/9/2014 3:31:03	18.84	50.95	33.51	7.03	8.07	4.6	1.322	92.3	3.2	0.9	0.8
1611	6/9/2014 3:46:03	18.86	50.92	33.48	7.09	8.07	4.3	1.328	93.0	3.7	1.1	0.9
1612	6/9/2014 4:01:03	18.81	50.95	33.51	6.89	8.07	5.0	1.321	90.3	4.6	1.3	1.1
1613	6/9/2014 4:16:03	18.77	50.97	33.52	7.15	8.08	5.0	1.351	93.6	3.4	1.0	0.8
1614	6/9/2014 4:31:03	18.70	50.94	33.50	7.14	8.08	5.1	1.389	93.4	3.3	1.0	0.8
1615	6/9/2014 4:46:03	18.82	50.94	33.50	7.24	8.09	6.3	1.432	94.9	3.0	0.9	0.7
1616	6/9/2014 5:01:03	18.75	50.93	33.49	7.23	8.09	5.7	1.504	94.7	3.4	1.0	0.8
1617	6/9/2014 5:16:03	18.68	50.87	33.45	7.17	8.08	6.1	1.558	93.7	3.1	0.9	0.7
1618	6/9/2014 5:31:03	18.79	50.88	33.45	6.92	8.04	7.4	1.623	90.6	5.2	1.5	1.2
1619	6/9/2014 5:46:03	18.94	50.87	33.45	6.60	8.01	8.9	1.681	86.8	5.5	1.6	1.3
1620	6/9/2014 6:01:03	18.88	50.88	33.45	6.66	8.01	9.1	1.753	87.3	4.6	1.3	1.1
1621	6/9/2014 6:16:03	18.64	50.88	33.45	6.81	8.02	10.8	1.821	88.9	3.9	1.1	0.9
1622	6/9/2014 6:31:03	18.49	50.83	33.42	6.84	8.01	9.8	1.881	89.1	3.7	1.1	0.9
1623	6/9/2014 6:46:03	18.32	50.84	33.42	6.86	8.02	10.0	1.958	89.1	4.0	1.2	0.9
1624	6/9/2014 7:01:03	18.02	50.80	33.39	6.86	8.00	10.7	2.025	88.5	3.8	1.1	0.9
1625	6/9/2014 7:16:03	17.42	50.72	33.33	6.92	7.98	9.2	2.100	88.3	3.0	0.9	0.7
1626	6/9/2014 7:31:03	17.12	50.69	33.30	6.90	7.97	7.0	2.155	87.4	3.5	1.0	0.8
1627	6/9/2014 7:46:03	17.03	50.69	33.31	6.90	7.97	6.8	2.222	87.4	3.7	1.1	0.9
1628	6/9/2014 8:01:03	16.87	50.67	33.29	6.90	7.96	6.2	2.289	87.1	3.9	1.1	0.9
1629	6/9/2014 8:16:03	16.73	50.69	33.30	6.94	7.96	6.4	2.344	87.4	3.6	1.0	0.8
1630	6/9/2014 8:31:03	16.62	50.65	33.27	6.96	7.96	6.1	2.401	87.4	3.0	0.9	0.7
1631	6/9/2014 8:46:03	16.39	50.62	33.25	7.09	7.97	5.8	2.445	88.6	3.2	0.9	0.8
1632	6/9/2014 9:01:03	16.27	50.61	33.24	7.12	7.97	5.7	2.498	88.7	3.7	1.1	0.9
1633	6/9/2014 9:16:04	16.14	50.61	33.24	7.19	7.97	6.1	2.553	89.4	3.9	1.1	0.9
1634	6/9/2014 9:31:04	16.04	50.64	33.25	7.20	7.98	5.5	2.588	89.4	3.4	1.0	0.8
1635	6/9/2014 9:46:04	15.92	50.63	33.24	7.17	7.98	5.3	2.617	88.8	3.7	1.1	0.9
1636	6/9/2014 10:01:04	15.80	50.62	33.23	7.22	7.98	5.2	2.646	89.2	3.7	1.1	0.9
1637	6/9/2014 10:16:04	15.67	50.61	33.22	7.18	7.98	4.1	2.664	88.4	2.5	0.7	0.6
1638	6/9/2014 10:31:04	16.04	50.64	33.25	7.08	7.97	3.8	2.671	87.9	2.2	0.6	0.5
1639	6/9/2014 10:46:04	15.69	50.57	33.19	7.02	7.96	3.7	2.666	86.5	2.4	0.7	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
1640	6/9/2014 11:01:04	15.73	50.61	33.23	7.03	7.96	4.1	2.644	86.7	2.3	0.7	0.5
1641	6/9/2014 11:16:04	15.80	50.62	33.24	6.98	7.97	3.7	2.602	86.3	2.8	0.8	0.7
1642	6/9/2014 11:31:04	15.99	50.62	33.24	7.16	7.98	4.0	2.556	88.8	3.7	1.1	0.9
1643	6/9/2014 11:46:03	16.21	50.55	33.19	7.19	7.98	4.5	2.498	89.5	2.6	0.7	0.6
1644	6/9/2014 12:01:03	16.67	50.65	33.27	7.40	8.00	5.3	2.435	93.1	3.1	0.9	0.7
1645	6/9/2014 12:16:03	16.78	50.62	33.25	7.36	8.00	7.9	2.369	92.7	2.5	0.7	0.6
1646	6/9/2014 12:31:03	16.91	50.66	33.28	7.19	7.99	6.3	2.308	90.8	2.8	0.8	0.7
1647	6/9/2014 12:46:03	17.10	50.64	33.27	7.16	7.99	6.5	2.249	90.7	2.8	0.8	0.7
1648	6/9/2014 13:01:03	17.35	50.70	33.31	7.19	8.00	5.3	2.187	91.5	4.0	1.2	0.9
1649	6/9/2014 13:16:03	17.65	50.69	33.31	7.23	8.00	6.7	2.119	92.6	2.6	0.7	0.6
1650	6/9/2014 13:31:03	17.87	50.71	33.33	7.10	8.00	5.6	2.057	91.3	2.5	0.7	0.6
1651	6/9/2014 13:46:03	18.06	50.70	33.32	7.18	8.01	5.5	2.012	92.6	2.9	0.8	0.7
1652	6/9/2014 14:01:03	18.29	50.76	33.37	7.10	8.01	5.2	1.965	92.1	2.5	0.7	0.6
1653	6/9/2014 14:16:03	18.40	50.79	33.39	6.99	8.01	4.7	1.919	90.8	2.8	0.8	0.7
1654	6/9/2014 14:31:03	18.65	50.73	33.35	7.16	8.02	4.6	1.881	93.4	2.4	0.7	0.6
1655	6/9/2014 14:46:03	18.77	50.77	33.37	6.91	8.02	4.5	1.856	90.5	2.6	0.7	0.6
1656	6/9/2014 15:01:03	18.85	50.85	33.43	6.29	7.98	3.6	1.851	82.5	1.8	0.5	0.4
1657	6/9/2014 15:16:03	18.95	50.77	33.38	7.30	8.03	5.0	1.835	95.9	2.8	0.8	0.7
1658	6/9/2014 15:31:03	18.79	50.85	33.43	7.74	8.05	6.6	1.849	101.4	3.3	1.0	0.8
1659	6/9/2014 15:46:03	18.84	50.84	33.43	7.57	8.06	6.2	1.866	99.3	3.2	0.9	0.8
1660	6/9/2014 16:01:03	18.91	50.83	33.42	7.54	8.06	5.4	1.894	99.0	5.9	1.7	1.4
1661	6/9/2014 16:16:03	18.74	50.80	33.39	7.68	8.06	6.7	1.928	100.4	4.0	1.2	0.9
1662	6/9/2014 16:31:03	18.88	50.83	33.42	7.56	8.06	6.3	1.973	99.1	3.6	1.0	0.9
1663	6/9/2014 16:46:03	18.83	50.80	33.40	7.55	8.05	7.4	2.030	99.0	4.5	1.3	1.1
1664	6/9/2014 17:01:03	18.50	50.68	33.30	7.46	8.03	6.5	2.085	97.1	3.8	1.1	0.9
1665	6/9/2014 17:16:03	18.48	50.76	33.37	7.43	8.03	6.5	2.137	96.7	4.9	1.4	1.2
1666	6/9/2014 17:31:03	18.29	50.76	33.37	7.39	8.02	6.4	2.204	95.9	3.3	1.0	0.8
1667	6/9/2014 17:46:03	17.93	50.60	33.25	7.66	8.03	7.2	2.278	98.6	4.3	1.2	1.0
1668	6/9/2014 18:01:03	17.81	50.59	33.24	7.69	8.03	7.0	2.343	98.7	3.8	1.1	0.9
1669	6/9/2014 18:16:03	17.75	50.54	33.20	7.61	8.02	7.5	2.415	97.7	3.8	1.1	0.9
1670	6/9/2014 18:31:03	17.45	50.54	33.20	7.47	8.00	8.1	2.487	95.3	4.4	1.3	1.0
1671	6/9/2014 18:46:03	16.86	50.52	33.17	7.58	8.01	8.3	2.570	95.5	4.0	1.2	0.9
1672	6/9/2014 19:01:03	16.42	50.55	33.19	7.71	8.02	8.3	2.652	96.4	4.6	1.3	1.1
1673	6/9/2014 19:16:03	16.18	50.56	33.20	7.80	8.02	7.6	2.727	97.1	5.7	1.6	1.4
1674	6/9/2014 19:31:03	16.05	50.48	33.13	7.93	8.03	7.9	2.811	98.4	5.8	1.7	1.4
1675	6/9/2014 19:46:03	15.65	50.44	33.10	8.14	8.04	10.0	2.894	100.2	6.8	2.0	1.6
1676	6/9/2014 20:01:03	15.11	50.54	33.16	8.37	8.06	10.7	2.965	102.0	6.8	2.0	1.6
1677	6/9/2014 20:16:03	14.69	50.45	33.09	8.61	8.07	11.1	3.062	104.0	7.0	2.0	1.7
1678	6/9/2014 20:31:03	14.17	50.55	33.15	8.76	8.08	10.9	3.131	104.7	8.1	2.3	1.9
1679	6/9/2014 20:46:03	13.74	50.54	33.12	8.80	8.08	10.5	3.203	104.3	10.9	3.1	2.6
1680	6/9/2014 21:01:03	13.04	50.53	33.09	8.86	8.07	9.2	3.265	103.4	10.9	3.1	2.6

sonde #2		Indian Island Long-Term Deployment Water Quality Data										
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
1681	6/9/2014 21:16:03	12.64	50.61	33.13	8.88	8.06	8.7	3.312	102.8	11.8	3.4	2.8
1682	6/9/2014 21:31:03	12.45	50.66	33.16	8.84	8.06	6.8	3.362	102.0	10.2	2.9	2.4
1683	6/9/2014 21:46:04	12.37	50.62	33.13	8.69	8.05	4.7	3.380	100.1	10.3	3.0	2.5
1684	6/9/2014 22:01:04	12.67	50.81	33.28	8.64	8.05	5.6	3.391	100.2	11.9	3.4	2.8
1685	6/9/2014 22:16:04	12.45	50.67	33.17	8.66	8.05	7.6	3.380	100.0	8.3	2.4	2.0
1686	6/9/2014 22:31:03	12.49	50.61	33.12	8.73	8.05	4.7	3.338	100.7	15.3	4.4	3.6
1687	6/9/2014 22:46:03	13.07	50.48	33.05	8.40	8.04	4.7	3.289	98.1	9.6	2.8	2.3
1688	6/9/2014 23:01:03	13.52	50.61	33.16	7.99	8.03	6.4	3.215	94.3	8.9	2.6	2.1
1689	6/9/2014 23:16:03	13.90	50.59	33.16	8.04	8.03	6.5	3.135	95.6	7.9	2.3	1.9
1690	6/9/2014 23:31:04	14.02	50.72	33.26	8.06	8.04	5.9	3.045	96.1	9.0	2.6	2.1
1691	6/9/2014 23:46:04	14.90	50.51	33.13	7.76	8.03	6.3	2.938	94.1	6.5	1.9	1.5
1692	6/10/2014 0:01:04	15.50	50.67	33.27	7.49	8.02	9.2	2.845	92.0	4.3	1.2	1.0
1693	6/10/2014 0:16:03	15.97	50.60	33.22	7.28	8.01	8.3	2.751	90.3	4.4	1.3	1.0
1694	6/10/2014 0:31:03	16.07	50.65	33.26	7.25	8.01	8.7	2.649	90.0	4.9	1.4	1.2
1695	6/10/2014 0:46:03	16.35	50.70	33.30	7.10	8.00	9.0	2.530	88.7	3.6	1.0	0.9
1696	6/10/2014 1:01:04	16.50	50.70	33.30	7.11	8.00	8.6	2.417	89.1	3.3	1.0	0.8
1697	6/10/2014 1:16:03	17.18	50.81	33.39	6.60	7.97	8.4	2.308	83.9	3.9	1.1	0.9
1698	6/10/2014 1:31:03	17.26	50.79	33.38	6.64	7.97	9.5	2.190	84.4	3.8	1.1	0.9
1699	6/10/2014 1:46:03	17.08	50.77	33.36	6.83	8.00	11.4	2.076	86.6	3.8	1.1	0.9
1700	6/10/2014 2:01:03	16.96	50.81	33.39	6.81	8.00	10.6	1.957	86.2	5.0	1.4	1.2
1701	6/10/2014 2:16:03	16.81	50.81	33.39	6.83	8.00	9.7	1.842	86.1	3.6	1.0	0.8
1702	6/10/2014 2:31:03	17.14	50.73	33.34	6.85	8.02	9.3	1.713	86.9	3.4	1.0	0.8
1703	6/10/2014 2:46:03	17.47	50.85	33.42	6.92	8.04	10.9	1.599	88.4	3.2	0.9	0.8
1704	6/10/2014 3:01:03	17.50	50.88	33.45	6.78	8.02	9.0	1.476	86.7	3.8	1.1	0.9
1705	6/10/2014 3:16:03	17.85	50.84	33.42	6.82	8.04	8.3	1.373	87.8	3.3	1.0	0.8
1706	6/10/2014 3:31:03	17.95	50.98	33.53	6.83	8.04	8.0	1.292	88.1	3.4	1.0	0.8
1707	6/10/2014 3:46:03	18.22	51.00	33.54	6.80	8.05	8.0	1.200	88.1	3.5	1.0	0.8
1708	6/10/2014 4:01:03	18.51	51.02	33.55	6.82	8.07	7.0	1.153	89.0	3.2	0.9	0.8
1709	6/10/2014 4:16:03	18.55	51.06	33.59	6.71	8.07	5.6	1.104	87.6	3.5	1.0	0.8
1710	6/10/2014 4:31:03	18.69	51.11	33.63	6.83	8.08	6.1	1.084	89.3	3.5	1.0	0.8
1711	6/10/2014 4:46:03	18.42	51.04	33.57	6.81	8.07	6.8	1.108	88.7	2.9	0.8	0.7
1712	6/10/2014 5:01:03	18.81	51.08	33.60	7.09	8.12	6.0	1.114	92.9	2.7	0.8	0.6
1713	6/10/2014 5:16:03	18.76	51.08	33.60	7.07	8.11	5.9	1.162	92.6	3.0	0.9	0.7
1714	6/10/2014 5:31:03	18.79	51.06	33.59	7.08	8.12	19.3	1.224	92.8	2.8	0.8	0.7
1715	6/10/2014 5:46:03	18.73	51.01	33.55	7.07	8.11	7.5	1.313	92.5	3.0	0.9	0.7
1716	6/10/2014 6:01:03	18.66	51.02	33.55	7.01	8.10	6.6	1.360	91.7	2.8	0.8	0.7
1717	6/10/2014 6:16:03	18.60	50.92	33.48	6.84	8.08	7.6	1.436	89.3	3.1	0.9	0.7
1718	6/10/2014 6:31:03	18.66	50.90	33.47	6.54	8.04	8.8	1.519	85.5	4.3	1.2	1.0
1719	6/10/2014 6:46:03	18.59	50.90	33.47	6.59	8.05	9.8	1.586	86.0	4.1	1.2	1.0
1720	6/10/2014 7:01:03	18.44	50.93	33.49	6.67	8.05	10.7	1.657	86.8	4.1	1.2	1.0
1721	6/10/2014 7:16:03	18.30	50.88	33.45	6.70	8.05	10.0	1.737	86.9	3.8	1.1	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
1722	6/10/2014 7:31:03	18.18	50.85	33.43	6.69	8.05	10.5	1.824	86.7	3.9	1.1	0.9
1723	6/10/2014 7:46:03	17.85	50.83	33.42	6.71	8.03	10.9	1.902	86.4	3.2	0.9	0.8
1724	6/10/2014 8:01:03	17.40	50.76	33.36	6.74	8.00	8.7	1.982	86.0	3.0	0.9	0.7
1725	6/10/2014 8:16:03	17.20	50.74	33.34	6.74	7.99	8.1	2.070	85.6	3.1	0.9	0.7
1726	6/10/2014 8:31:03	17.06	50.74	33.34	6.75	7.98	7.7	2.155	85.5	3.6	1.0	0.9
1727	6/10/2014 8:46:03	16.89	50.73	33.33	6.78	7.98	8.1	2.235	85.6	2.9	0.8	0.7
1728	6/10/2014 9:01:03	16.81	50.66	33.28	6.79	7.98	7.8	2.308	85.5	3.3	1.0	0.8
1729	6/10/2014 9:16:03	16.57	50.71	33.31	6.89	7.98	8.1	2.372	86.5	3.0	0.9	0.7
1730	6/10/2014 9:31:04	16.40	50.66	33.27	6.97	7.99	8.1	2.450	87.2	3.1	0.9	0.7
1731	6/10/2014 9:46:03	16.25	50.63	33.25	7.03	7.99	8.7	2.512	87.6	3.9	1.1	0.9
1732	6/10/2014 10:01:04	15.90	50.63	33.24	7.16	7.99	8.9	2.578	88.7	3.7	1.1	0.9
1733	6/10/2014 10:16:04	15.56	50.58	33.20	7.30	8.00	9.5	2.626	89.7	4.8	1.4	1.1
1734	6/10/2014 10:31:04	15.48	50.57	33.19	7.21	8.00	7.9	2.683	88.4	3.8	1.1	0.9
1735	6/10/2014 10:46:03	15.30	50.54	33.16	7.31	8.00	8.0	2.726	89.4	3.6	1.0	0.9
1736	6/10/2014 11:01:03	14.90	50.59	33.19	7.40	8.00	6.0	2.750	89.8	3.8	1.1	0.9
1737	6/10/2014 11:16:04	14.69	50.60	33.20	7.33	7.99	5.0	2.773	88.5	5.4	1.6	1.3
1738	6/10/2014 11:31:04	15.00	50.38	33.04	7.17	7.97	5.0	2.778	87.1	5.3	1.5	1.2
1739	6/10/2014 11:46:04	14.70	50.61	33.20	7.36	7.99	4.7	2.751	88.9	3.7	1.1	0.9
1740	6/10/2014 12:01:04	14.82	50.58	33.18	7.13	7.99	6.5	2.742	86.4	2.6	0.7	0.6
1741	6/10/2014 12:16:04	15.30	50.63	33.23	7.15	7.99	7.0	2.680	87.5	3.5	1.0	0.8
1742	6/10/2014 12:31:03	15.84	50.63	33.24	7.25	8.00	9.6	2.619	89.6	3.8	1.1	0.9
1743	6/10/2014 12:46:03	16.24	50.55	33.19	7.35	8.01	14.2	2.565	91.5	3.9	1.1	0.9
1744	6/10/2014 13:01:03	16.44	50.63	33.25	7.43	8.02	13.7	2.494	92.9	4.3	1.2	1.0
1745	6/10/2014 13:16:03	16.53	50.64	33.26	7.33	8.02	17.1	2.426	91.8	3.0	0.9	0.7
1746	6/10/2014 13:31:03	16.69	50.61	33.24	7.36	8.02	24.1	2.349	92.5	4.1	1.2	1.0
1747	6/10/2014 13:46:03	16.82	50.60	33.24	7.24	8.02	17.3	2.294	91.3	4.0	1.2	0.9
1748	6/10/2014 14:01:03	16.96	50.63	33.26	7.17	8.01	16.9	2.235	90.6	3.9	1.1	0.9
1749	6/10/2014 14:16:03	17.13	50.61	33.24	7.07	8.01	23.7	2.161	89.7	11.4	3.3	2.7
1750	6/10/2014 14:31:03	17.31	50.57	33.22	7.06	8.01	14.2	2.108	89.8	3.3	1.0	0.8
1751	6/10/2014 14:46:03	17.50	50.69	33.31	6.95	8.00	14.4	2.057	88.7	4.4	1.3	1.0
1752	6/10/2014 15:01:03	17.60	50.64	33.27	6.89	8.00	24.4	2.005	88.1	3.9	1.1	0.9
1753	6/10/2014 15:16:03	17.72	50.68	33.30	6.75	8.00	14.7	1.959	86.6	2.9	0.8	0.7
1754	6/10/2014 15:31:03	17.85	50.57	33.22	6.65	7.99	10.6	1.941	85.5	2.8	0.8	0.7
1755	6/10/2014 15:46:03	17.90	50.74	33.35	6.10	7.96	11.2	1.908	78.5	3.2	0.9	0.8
1756	6/10/2014 16:01:03	17.89	50.75	33.36	6.03	7.95	7.9	1.892	77.6	2.5	0.7	0.6
1757	6/10/2014 16:16:03	17.93	50.76	33.37	5.28	7.90	8.4	1.886	68.0	2.4	0.7	0.6
1758	6/10/2014 16:31:03	18.01	50.74	33.35	7.05	8.02	12.7	1.908	90.9	2.8	0.8	0.7
1759	6/10/2014 16:46:03	17.94	50.76	33.36	7.13	8.02	11.9	1.933	91.9	3.2	0.9	0.8
1760	6/10/2014 17:01:03	18.01	50.76	33.36	7.21	8.03	12.2	1.972	93.0	3.8	1.1	0.9
1761	6/10/2014 17:16:03	18.23	50.81	33.40	7.28	8.05	12.0	2.029	94.4	3.6	1.0	0.8
1762	6/10/2014 17:31:03	18.56	50.82	33.41	7.26	8.06	13.7	2.078	94.7	5.0	1.4	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
1763	6/10/2014 17:46:03	18.22	50.74	33.35	7.24	8.04	13.9	2.138	93.8	3.6	1.0	0.8
1764	6/10/2014 18:01:03	18.14	50.69	33.32	7.26	8.03	14.5	2.203	93.9	3.9	1.1	0.9
1765	6/10/2014 18:16:03	18.13	50.68	33.30	7.28	8.04	14.8	2.283	94.1	4.3	1.2	1.0
1766	6/10/2014 18:31:03	17.78	50.62	33.26	7.38	8.04	17.0	2.365	94.8	4.8	1.4	1.1
1767	6/10/2014 18:46:03	17.68	50.58	33.23	7.38	8.03	15.8	2.440	94.6	4.7	1.4	1.1
1768	6/10/2014 19:01:03	16.87	50.62	33.25	7.31	8.01	15.7	2.512	92.3	4.0	1.2	0.9
1769	6/10/2014 19:16:03	16.13	50.58	33.21	7.47	8.01	14.4	2.598	92.8	5.4	1.6	1.3
1770	6/10/2014 19:31:03	15.67	50.55	33.18	7.52	8.01	15.3	2.680	92.6	5.3	1.5	1.3
1771	6/10/2014 19:46:03	15.51	50.48	33.13	7.59	8.01	15.6	2.762	93.2	5.8	1.7	1.4
1772	6/10/2014 20:01:03	15.33	50.53	33.16	7.61	8.01	16.0	2.847	93.1	4.3	1.2	1.0
1773	6/10/2014 20:16:04	14.76	50.56	33.17	7.69	8.01	21.1	2.941	93.0	5.5	1.6	1.3
1774	6/10/2014 20:31:03	14.11	50.53	33.13	7.91	8.01	22.7	3.029	94.4	6.2	1.8	1.5
1775	6/10/2014 20:46:03	13.45	50.52	33.10	7.98	8.00	19.2	3.121	93.9	6.8	2.0	1.6
1776	6/10/2014 21:01:03	12.97	50.63	33.15	7.98	7.99	15.4	3.205	93.1	6.7	1.9	1.6
1777	6/10/2014 21:16:04	12.58	50.66	33.16	7.91	7.98	10.5	3.294	91.5	7.2	2.1	1.7
1778	6/10/2014 21:31:03	12.07	50.64	33.13	7.86	7.96	10.1	3.364	89.9	7.6	2.2	1.8
1779	6/10/2014 21:46:03	11.74	50.61	33.09	7.87	7.95	9.0	3.429	89.4	7.9	2.3	1.9
1780	6/10/2014 22:01:03	11.59	50.70	33.15	7.90	7.95	7.8	3.489	89.5	7.2	2.1	1.7
1781	6/10/2014 22:16:03	11.56	50.56	33.04	7.84	7.95	6.2	3.522	88.7	7.6	2.2	1.8
1782	6/10/2014 22:31:04	11.57	50.71	33.15	7.59	7.93	3.5	3.545	85.9	4.3	1.2	1.0
1783	6/10/2014 22:46:04	12.08	50.74	33.20	7.62	7.95	5.0	3.552	87.3	5.1	1.5	1.2
1784	6/10/2014 23:01:04	11.87	50.72	33.17	7.43	7.93	4.4	3.525	84.7	4.8	1.4	1.1
1785	6/10/2014 23:16:04	11.80	50.71	33.16	7.50	7.94	5.0	3.483	85.4	8.4	2.4	2.0
1786	6/10/2014 23:31:03	12.32	50.59	33.10	7.52	7.95	5.3	3.416	86.5	4.3	1.2	1.0
1787	6/10/2014 23:46:04	12.66	50.76	33.24	7.53	7.96	14.1	3.332	87.3	6.6	1.9	1.6
1788	6/11/2014 0:01:04	12.48	50.78	33.25	7.50	7.95	6.7	3.248	86.6	5.5	1.6	1.3
1789	6/11/2014 0:16:04	13.80	50.64	33.19	7.36	7.98	9.0	3.133	87.3	5.0	1.4	1.2
1790	6/11/2014 0:31:03	14.34	50.75	33.29	7.37	8.00	12.0	3.026	88.4	4.9	1.4	1.2
1791	6/11/2014 0:46:03	14.44	50.73	33.28	7.51	8.01	14.0	2.912	90.3	5.0	1.4	1.2
1792	6/11/2014 1:01:04	14.61	50.73	33.29	7.36	8.00	11.2	2.797	88.8	5.3	1.5	1.3
1793	6/11/2014 1:16:03	15.09	50.66	33.24	7.25	8.00	14.1	2.685	88.2	3.8	1.1	0.9
1794	6/11/2014 1:31:04	14.96	50.77	33.32	7.15	7.99	11.5	2.556	86.9	4.7	1.4	1.1
1795	6/11/2014 1:46:03	15.83	50.68	33.28	6.91	7.99	14.0	2.441	85.5	3.3	1.0	0.8
1796	6/11/2014 2:01:03	16.19	50.75	33.34	6.78	7.98	13.3	2.311	84.5	3.4	1.0	0.8
1797	6/11/2014 2:16:03	16.24	50.75	33.33	6.76	7.99	15.1	2.189	84.3	3.3	1.0	0.8
1798	6/11/2014 2:31:03	16.02	50.72	33.31	6.77	7.98	15.3	2.048	84.0	3.9	1.1	0.9
1799	6/11/2014 2:46:03	16.14	50.77	33.35	6.66	7.97	16.9	1.913	82.9	3.5	1.0	0.8
1800	6/11/2014 3:01:03	16.33	50.74	33.33	6.51	7.97	16.6	1.792	81.3	4.0	1.2	0.9
1801	6/11/2014 3:16:03	16.37	50.86	33.42	6.43	7.96	16.9	1.640	80.4	3.4	1.0	0.8
1802	6/11/2014 3:31:03	16.77	50.82	33.40	6.29	7.96	16.0	1.506	79.3	3.8	1.1	0.9
1803	6/11/2014 3:46:03	16.86	50.77	33.36	6.29	7.96	13.9	1.372	79.4	3.3	1.0	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
1804	6/11/2014 4:01:03	17.24	50.90	33.46	6.20	7.97	13.5	1.257	78.9	3.6	1.0	0.8
1805	6/11/2014 4:16:03	17.42	50.95	33.50	6.18	7.97	12.5	1.147	78.9	3.7	1.1	0.9
1806	6/11/2014 4:31:03	17.60	50.98	33.52	6.15	7.98	13.9	1.043	78.8	3.1	0.9	0.7
1807	6/11/2014 4:46:03	17.80	50.97	33.51	6.04	7.97	14.4	0.996	77.7	3.8	1.1	0.9
1808	6/11/2014 5:01:03	17.95	51.05	33.58	6.02	7.98	9.8	0.932	77.7	3.4	1.0	0.8
1809	6/11/2014 5:16:03	17.94	51.01	33.55	5.81	7.96	10.6	0.919	75.0	3.5	1.0	0.8
1810	6/11/2014 5:31:03	17.82	51.03	33.56	6.01	7.98	10.4	0.929	77.4	3.9	1.1	0.9
1811	6/11/2014 5:46:03	18.20	51.16	33.66	6.00	8.00	17.4	0.967	77.8	3.8	1.1	0.9
1812	6/11/2014 6:01:03	18.02	51.06	33.58	6.08	7.99	19.8	1.020	78.6	2.4	0.7	0.6
1813	6/11/2014 6:16:03	18.31	51.09	33.61	6.04	8.00	12.7	1.069	78.5	3.1	0.9	0.7
1814	6/11/2014 6:31:03	18.37	51.15	33.65	5.98	8.01	18.4	1.167	77.8	2.8	0.8	0.7
1815	6/11/2014 6:46:03	18.26	51.06	33.59	5.99	8.00	23.0	1.248	77.8	2.2	0.6	0.5
1816	6/11/2014 7:01:03	18.17	51.07	33.60	6.02	8.00	9.9	1.322	78.0	3.7	1.1	0.9
1817	6/11/2014 7:16:03	18.14	50.92	33.48	6.00	7.99	11.6	1.412	77.6	4.0	1.2	0.9
1818	6/11/2014 7:31:03	18.01	50.96	33.51	6.10	7.99	10.8	1.495	78.7	3.5	1.0	0.8
1819	6/11/2014 7:46:03	17.88	50.93	33.49	6.12	7.99	10.2	1.588	78.9	4.0	1.2	0.9
1820	6/11/2014 8:01:03	17.87	50.94	33.49	6.14	7.99	11.2	1.679	79.0	3.6	1.0	0.9
1821	6/11/2014 8:16:03	17.85	50.99	33.53	6.10	7.99	12.0	1.769	78.5	3.5	1.0	0.8
1822	6/11/2014 8:31:03	17.45	50.82	33.40	6.26	7.98	13.3	1.870	79.9	2.9	0.8	0.7
1823	6/11/2014 8:46:03	17.04	50.84	33.42	6.44	7.97	12.2	1.971	81.6	3.1	0.9	0.7
1824	6/11/2014 9:01:03	16.89	50.81	33.39	6.51	7.97	11.5	2.066	82.3	3.2	0.9	0.8
1825	6/11/2014 9:16:03	16.55	50.65	33.27	6.63	7.97	10.9	2.159	83.1	3.0	0.9	0.7
1826	6/11/2014 9:31:03	16.28	50.71	33.31	6.72	7.97	12.5	2.249	83.8	3.1	0.9	0.7
1827	6/11/2014 9:46:03	16.15	50.68	33.28	6.77	7.97	12.7	2.335	84.2	3.2	0.9	0.8
1828	6/11/2014 10:01:04	16.00	50.68	33.28	6.79	7.97	12.9	2.415	84.2	3.5	1.0	0.8
1829	6/11/2014 10:16:03	15.73	50.65	33.26	6.84	7.97	13.5	2.499	84.4	3.6	1.0	0.9
1830	6/11/2014 10:31:04	15.37	50.61	33.22	6.97	7.97	16.9	2.579	85.4	4.3	1.2	1.0
1831	6/11/2014 10:46:04	15.05	50.57	33.18	7.05	7.97	14.5	2.645	85.7	5.2	1.5	1.2
1832	6/11/2014 11:01:04	14.74	50.57	33.17	7.10	7.97	12.3	2.714	85.8	3.7	1.1	0.9
1833	6/11/2014 11:16:03	14.18	50.55	33.14	7.24	7.96	13.0	2.779	86.5	4.6	1.3	1.1
1834	6/11/2014 11:31:04	13.74	50.59	33.16	7.28	7.95	11.2	2.832	86.2	4.2	1.2	1.0
1835	6/11/2014 11:46:04	13.49	50.63	33.17	7.26	7.95	7.6	2.889	85.6	3.2	0.9	0.8
1836	6/11/2014 12:01:04	13.38	50.61	33.16	7.22	7.95	7.3	2.911	85.0	3.7	1.1	0.9
1837	6/11/2014 12:16:03	13.81	50.38	33.00	7.10	7.93	7.4	2.930	84.2	3.3	1.0	0.8
1838	6/11/2014 12:31:03	13.52	50.51	33.09	7.25	7.94	8.3	2.930	85.5	3.1	0.9	0.7
1839	6/11/2014 12:46:04	13.53	50.64	33.18	7.22	7.94	6.8	2.898	85.2	4.2	1.2	1.0
1840	6/11/2014 13:01:04	13.57	50.58	33.15	7.23	7.94	8.9	2.854	85.4	3.6	1.0	0.9
1841	6/11/2014 13:16:03	14.01	50.48	33.09	7.23	7.95	9.0	2.791	86.1	3.6	1.0	0.8
1842	6/11/2014 13:31:04	15.27	50.62	33.22	7.44	8.00	10.0	2.724	91.0	3.4	1.0	0.8
1843	6/11/2014 13:46:03	15.68	50.46	33.11	7.56	8.01	8.1	2.648	93.1	2.6	0.7	0.6
1844	6/11/2014 14:01:03	15.81	50.64	33.25	7.64	8.01	8.3	2.564	94.4	2.6	0.7	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
1845	6/11/2014 14:16:04	16.00	50.61	33.23	7.58	8.02	7.9	2.484	94.0	3.2	0.9	0.8
1846	6/11/2014 14:31:03	16.34	50.62	33.24	7.41	8.01	8.9	2.408	92.6	2.6	0.7	0.6
1847	6/11/2014 14:46:03	16.61	50.65	33.27	7.55	8.03	9.0	2.335	94.8	2.3	0.7	0.5
1848	6/11/2014 15:01:03	16.96	50.62	33.25	8.04	8.06	9.6	2.263	101.6	2.4	0.7	0.6
1849	6/11/2014 15:16:03	17.14	50.77	33.37	8.32	8.08	9.8	2.197	105.6	2.5	0.7	0.6
1850	6/11/2014 15:31:03	17.37	50.75	33.35	7.74	8.05	7.9	2.132	98.6	3.2	0.9	0.8
1851	6/11/2014 15:46:03	17.42	50.68	33.30	8.55	8.11	8.7	2.069	109.0	3.5	1.0	0.8
1852	6/11/2014 16:01:03	17.59	50.70	33.31	7.94	8.07	6.4	2.028	101.5	3.0	0.9	0.7
1853	6/11/2014 16:16:03	17.98	50.81	33.40	7.72	8.06	5.9	1.979	99.5	2.9	0.8	0.7
1854	6/11/2014 16:31:03	18.10	50.72	33.34	7.54	8.05	6.2	1.951	97.4	3.2	0.9	0.8
1855	6/11/2014 16:46:03	18.20	50.74	33.35	7.89	8.09	6.2	1.938	102.1	3.9	1.1	0.9
1856	6/11/2014 17:01:03	17.99	50.86	33.44	7.89	8.09	5.1	1.921	101.9	3.1	0.9	0.7
1857	6/11/2014 17:16:03	17.98	50.76	33.37	8.03	8.08	5.3	1.940	103.6	3.2	0.9	0.8
1858	6/11/2014 17:31:03	18.31	50.80	33.40	7.55	8.06	5.0	1.952	98.0	4.0	1.2	0.9
1859	6/11/2014 17:46:03	18.16	50.76	33.36	7.31	8.04	6.0	1.989	94.6	3.9	1.1	0.9
1860	6/11/2014 18:01:03	18.16	50.84	33.42	7.23	8.04	7.3	2.056	93.6	4.4	1.3	1.0
1861	6/11/2014 18:16:03	17.92	50.80	33.40	7.21	8.03	8.4	2.113	92.8	3.4	1.0	0.8
1862	6/11/2014 18:31:03	18.06	50.79	33.39	7.16	8.02	9.8	2.189	92.5	3.9	1.1	0.9
1863	6/11/2014 18:46:03	17.82	50.76	33.36	7.14	8.02	13.1	2.266	91.8	3.6	1.0	0.9
1864	6/11/2014 19:01:03	17.38	50.69	33.31	7.23	8.01	10.7	2.351	92.1	3.7	1.1	0.9
1865	6/11/2014 19:16:04	16.96	50.68	33.30	7.23	8.01	10.8	2.427	91.4	3.5	1.0	0.8
1866	6/11/2014 19:31:03	16.29	50.56	33.20	7.23	7.99	11.5	2.509	90.1	3.4	1.0	0.8
1867	6/11/2014 19:46:03	15.72	50.64	33.24	7.16	7.98	11.1	2.594	88.3	3.5	1.0	0.8
1868	6/11/2014 20:01:03	15.35	50.57	33.19	7.19	7.97	11.9	2.685	88.0	3.9	1.1	0.9
1869	6/11/2014 20:16:03	15.09	50.58	33.19	7.20	7.97	12.1	2.773	87.6	3.7	1.1	0.9
1870	6/11/2014 20:31:04	14.34	50.60	33.18	7.22	7.96	15.6	2.867	86.6	4.5	1.3	1.1
1871	6/11/2014 20:46:04	13.55	50.61	33.17	7.31	7.95	14.8	2.958	86.3	4.8	1.4	1.1
1872	6/11/2014 21:01:04	12.97	50.60	33.14	7.42	7.94	15.5	3.057	86.5	4.6	1.3	1.1
1873	6/11/2014 21:16:04	12.46	50.66	33.15	7.50	7.93	16.6	3.157	86.6	5.3	1.5	1.3
1874	6/11/2014 21:31:04	12.03	50.66	33.14	7.50	7.92	15.5	3.250	85.7	5.9	1.7	1.4
1875	6/11/2014 21:46:04	11.64	50.66	33.12	7.53	7.91	17.4	3.341	85.4	7.0	2.0	1.7
1876	6/11/2014 22:01:04	11.29	50.60	33.06	7.55	7.91	13.4	3.424	85.0	6.1	1.8	1.5
1877	6/11/2014 22:16:03	11.10	50.65	33.08	7.58	7.90	10.6	3.503	84.9	5.8	1.7	1.4
1878	6/11/2014 22:31:03	10.97	50.64	33.07	7.56	7.90	7.3	3.562	84.5	6.7	1.9	1.6
1879	6/11/2014 22:46:03	10.87	50.72	33.12	7.52	7.90	7.7	3.612	83.9	6.6	1.9	1.6
1880	6/11/2014 23:01:04	10.84	50.69	33.10	7.44	7.89	4.7	3.653	82.9	4.1	1.2	1.0
1881	6/11/2014 23:16:04	10.79	50.75	33.13	7.29	7.88	3.6	3.674	81.2	4.1	1.2	1.0
1882	6/11/2014 23:31:04	11.35	50.72	33.15	7.29	7.89	5.3	3.670	82.2	4.3	1.2	1.0
1883	6/11/2014 23:46:04	11.07	50.75	33.15	7.16	7.88	4.4	3.638	80.3	6.1	1.8	1.4
1884	6/12/2014 0:01:04	10.92	50.79	33.17	7.31	7.89	7.6	3.592	81.7	5.3	1.5	1.3
1885	6/12/2014 0:16:04	11.42	50.76	33.18	7.30	7.89	7.5	3.528	82.4	6.0	1.7	1.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
1886	6/12/2014 0:31:04	11.43	50.67	33.12	7.33	7.89	8.4	3.437	82.7	4.5	1.3	1.1
1887	6/12/2014 0:46:04	11.58	50.73	33.17	7.33	7.90	8.3	3.319	83.0	4.5	1.3	1.1
1888	6/12/2014 1:01:03	13.63	50.59	33.15	7.14	7.94	8.2	3.218	84.4	3.7	1.1	0.9
1889	6/12/2014 1:16:04	13.66	50.73	33.26	7.26	7.95	10.8	3.110	85.9	3.7	1.1	0.9
1890	6/12/2014 1:31:04	13.52	50.72	33.24	7.29	7.94	10.4	2.985	86.0	4.0	1.2	0.9
1891	6/12/2014 1:46:04	13.67	50.70	33.23	7.22	7.94	10.3	2.845	85.5	4.2	1.2	1.0
1892	6/12/2014 2:01:04	13.75	50.70	33.23	7.17	7.94	9.7	2.717	85.0	4.1	1.2	1.0
1893	6/12/2014 2:16:03	14.98	50.68	33.26	7.02	7.95	16.4	2.589	85.3	4.3	1.2	1.0
1894	6/12/2014 2:31:03	14.78	50.75	33.30	6.89	7.93	8.3	2.464	83.4	3.0	0.9	0.7
1895	6/12/2014 2:46:03	14.76	50.70	33.27	6.82	7.92	9.0	2.303	82.5	3.5	1.0	0.8
1896	6/12/2014 3:01:03	15.06	50.75	33.31	6.88	7.93	11.0	2.166	83.8	2.9	0.8	0.7
1897	6/12/2014 3:16:04	15.50	50.84	33.39	6.88	7.95	13.4	2.029	84.6	2.9	0.8	0.7
1898	6/12/2014 3:31:04	15.37	50.83	33.38	6.80	7.94	11.3	1.874	83.4	3.6	1.0	0.8
1899	6/12/2014 3:46:03	15.61	50.76	33.33	6.77	7.94	12.5	1.719	83.3	2.9	0.8	0.7
1900	6/12/2014 4:01:03	16.13	50.90	33.44	6.72	7.95	12.3	1.573	83.7	3.6	1.0	0.9
1901	6/12/2014 4:16:04	16.45	50.89	33.44	6.60	7.95	12.1	1.428	82.7	3.5	1.0	0.8
1902	6/12/2014 4:31:03	16.64	50.93	33.48	6.63	7.96	11.1	1.267	83.4	3.5	1.0	0.8
1903	6/12/2014 4:46:03	16.81	50.92	33.47	6.59	7.95	11.7	1.129	83.2	3.1	0.9	0.7
1904	6/12/2014 5:01:03	16.90	50.91	33.47	6.54	7.95	9.5	1.003	82.7	3.2	0.9	0.8
1905	6/12/2014 5:16:03	17.21	51.03	33.55	6.49	7.96	9.8	0.888	82.5	3.1	0.9	0.7
1906	6/12/2014 5:31:03	17.34	51.02	33.55	6.42	7.95	9.6	0.812	81.9	2.9	0.8	0.7
1907	6/12/2014 5:46:03	17.64	51.06	33.58	6.34	7.96	7.0	0.764	81.3	4.1	1.2	1.0
1908	6/12/2014 6:01:03	17.89	51.16	33.65	6.47	7.98	9.1	0.761	83.4	3.1	0.9	0.7
1909	6/12/2014 6:16:03	17.87	50.95	33.50	6.53	7.98	7.9	0.804	84.1	2.5	0.7	0.6
1910	6/12/2014 6:31:03	17.43	50.89	33.46	6.47	7.96	9.8	0.866	82.6	2.6	0.7	0.6
1911	6/12/2014 6:46:03	17.76	51.12	33.62	6.49	7.98	9.0	0.955	83.5	2.5	0.7	0.6
1912	6/12/2014 7:01:03	18.10	51.23	33.71	6.57	8.00	8.8	1.036	85.1	3.1	0.9	0.7
1913	6/12/2014 7:16:03	18.03	51.21	33.69	6.60	8.00	9.0	1.111	85.4	3.0	0.9	0.7
1914	6/12/2014 7:31:03	18.10	51.14	33.64	6.48	7.99	10.4	1.203	83.9	4.0	1.2	0.9
1915	6/12/2014 7:46:03	18.21	51.07	33.59	6.38	7.97	13.0	1.298	82.8	4.7	1.4	1.1
1916	6/12/2014 8:01:03	18.16	51.10	33.62	6.45	7.97	12.8	1.369	83.6	3.4	1.0	0.8
1917	6/12/2014 8:16:03	17.92	51.08	33.60	6.56	7.98	12.0	1.452	84.6	3.7	1.1	0.9
1918	6/12/2014 8:31:03	17.75	51.01	33.55	6.58	7.98	11.4	1.555	84.6	3.9	1.1	0.9
1919	6/12/2014 8:46:03	17.63	50.90	33.47	6.58	7.97	12.7	1.651	84.4	3.2	0.9	0.8
1920	6/12/2014 9:01:03	17.56	50.99	33.53	6.59	7.97	12.5	1.755	84.4	3.2	0.9	0.8
1921	6/12/2014 9:16:03	17.20	50.94	33.49	6.62	7.97	13.4	1.861	84.2	2.7	0.8	0.6
1922	6/12/2014 9:31:03	16.98	50.86	33.43	6.66	7.96	12.3	1.971	84.3	2.7	0.8	0.6
1923	6/12/2014 9:46:03	16.69	50.83	33.40	6.71	7.95	12.1	2.084	84.5	2.9	0.8	0.7
1924	6/12/2014 10:01:03	16.38	50.74	33.33	6.78	7.95	12.9	2.184	84.7	6.2	1.8	1.5
1925	6/12/2014 10:16:03	16.15	50.76	33.34	6.86	7.95	14.5	2.286	85.4	3.2	0.9	0.8
1926	6/12/2014 10:31:03	16.06	50.73	33.32	6.87	7.95	14.2	2.383	85.4	3.7	1.1	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
1927	6/12/2014 10:46:03	15.83	50.74	33.32	6.89	7.94	14.3	2.468	85.1	3.6	1.0	0.9
1928	6/12/2014 11:01:04	15.33	50.69	33.28	6.96	7.94	18.9	2.557	85.3	3.2	0.9	0.8
1929	6/12/2014 11:16:04	15.00	50.67	33.25	7.00	7.93	18.3	2.642	85.2	3.5	1.0	0.8
1930	6/12/2014 11:31:04	14.09	50.66	33.22	6.99	7.91	17.9	2.722	83.4	3.3	1.0	0.8
1931	6/12/2014 11:46:04	13.40	50.66	33.20	6.97	7.90	18.6	2.794	82.0	3.9	1.1	0.9
1932	6/12/2014 12:01:04	13.00	50.61	33.14	6.97	7.90	18.0	2.868	81.3	4.7	1.4	1.1
1933	6/12/2014 12:16:03	12.82	50.64	33.16	6.96	7.90	15.8	2.933	81.0	4.1	1.2	1.0
1934	6/12/2014 12:31:04	12.62	50.66	33.16	6.96	7.90	13.3	2.989	80.6	5.0	1.4	1.2
1935	6/12/2014 12:46:04	12.46	50.70	33.19	6.84	7.89	7.9	3.025	78.9	2.7	0.8	0.7
1936	6/12/2014 13:01:04	12.40	50.69	33.18	6.57	7.87	7.0	3.051	75.8	3.2	0.9	0.8
1937	6/12/2014 13:16:04	12.57	50.72	33.20	6.72	7.88	8.6	3.066	77.8	3.6	1.0	0.8
1938	6/12/2014 13:31:04	12.34	50.71	33.19	6.62	7.87	10.3	3.027	76.2	2.8	0.8	0.7
1939	6/12/2014 13:46:04	12.55	50.66	33.16	6.78	7.89	11.8	2.971	78.4	3.5	1.0	0.8
1940	6/12/2014 14:01:04	12.98	50.60	33.13	6.94	7.90	10.2	2.928	80.9	3.0	0.9	0.7
1941	6/12/2014 14:16:04	14.08	50.64	33.21	7.21	7.93	11.7	2.853	86.1	2.9	0.8	0.7
1942	6/12/2014 14:31:04	14.94	50.62	33.22	7.46	7.96	10.4	2.764	90.6	2.7	0.8	0.6
1943	6/12/2014 14:46:04	15.14	50.53	33.15	7.64	7.97	12.5	2.674	93.1	3.0	0.9	0.7
1944	6/12/2014 15:01:03	15.71	50.68	33.28	7.48	7.97	13.4	2.596	92.3	2.7	0.8	0.6
1945	6/12/2014 15:16:04	16.25	50.71	33.31	7.46	7.98	11.5	2.513	93.0	3.0	0.9	0.7
1946	6/12/2014 15:31:03	16.48	50.69	33.30	7.53	7.99	11.1	2.419	94.3	3.0	0.9	0.7
1947	6/12/2014 15:46:03	17.00	50.71	33.32	7.62	8.00	14.7	2.346	96.4	3.4	1.0	0.8
1948	6/12/2014 16:01:03	17.25	50.63	33.26	8.25	8.04	12.2	2.274	104.8	2.6	0.7	0.6
1949	6/12/2014 16:16:03	17.44	50.68	33.30	8.39	8.05	10.0	2.211	107.1	3.1	0.9	0.7
1950	6/12/2014 16:31:03	17.73	50.72	33.33	8.45	8.07	8.3	2.138	108.5	2.7	0.8	0.6
1951	6/12/2014 16:46:03	17.87	50.67	33.30	8.75	8.09	7.5	2.076	112.6	3.1	0.9	0.7
1952	6/12/2014 17:01:03	18.02	50.72	33.33	8.85	8.11	7.3	2.039	114.2	3.1	0.9	0.7
1953	6/12/2014 17:16:03	18.37	50.78	33.38	8.13	8.07	5.4	2.000	105.6	2.7	0.8	0.6
1954	6/12/2014 17:31:03	18.56	50.83	33.42	8.32	8.09	6.8	1.968	108.4	2.2	0.6	0.5
1955	6/12/2014 17:46:03	18.58	50.76	33.37	8.20	8.09	5.8	1.958	106.9	2.6	0.7	0.6
1956	6/12/2014 18:01:03	18.16	50.75	33.36	9.00	8.12	6.5	1.968	116.5	3.0	0.9	0.7
1957	6/12/2014 18:16:03	18.44	50.79	33.39	8.41	8.09	6.3	1.995	109.4	3.7	1.1	0.9
1958	6/12/2014 18:31:03	18.40	50.82	33.41	8.01	8.06	7.0	2.014	104.2	3.2	0.9	0.8
1959	6/12/2014 18:46:03	18.41	50.72	33.33	7.71	8.04	7.8	2.079	100.2	3.2	0.9	0.8
1960	6/12/2014 19:01:03	18.13	50.77	33.37	7.63	8.03	11.1	2.149	98.6	3.1	0.9	0.7
1961	6/12/2014 19:16:03	18.51	50.76	33.36	7.44	8.02	11.3	2.218	96.9	3.7	1.1	0.9
1962	6/12/2014 19:31:03	17.91	50.67	33.30	7.48	8.01	12.0	2.296	96.3	3.6	1.0	0.9
1963	6/12/2014 19:46:03	17.57	50.69	33.31	7.46	8.00	11.3	2.383	95.4	3.7	1.1	0.9
1964	6/12/2014 20:01:03	16.90	50.62	33.25	7.38	7.99	10.4	2.462	93.1	3.5	1.0	0.8
1965	6/12/2014 20:16:03	16.25	50.56	33.20	7.24	7.97	11.4	2.543	90.2	3.0	0.9	0.7
1966	6/12/2014 20:31:03	15.51	50.58	33.20	7.07	7.95	11.6	2.635	86.8	3.3	1.0	0.8
1967	6/12/2014 20:46:04	15.20	50.53	33.15	7.04	7.94	10.8	2.723	85.9	3.4	1.0	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
1968	6/12/2014 21:01:04	14.98	50.51	33.14	7.03	7.94	12.6	2.808	85.3	3.8	1.1	0.9
1969	6/12/2014 21:16:03	14.22	50.55	33.15	7.00	7.92	13.7	2.910	83.7	4.2	1.2	1.0
1970	6/12/2014 21:31:04	13.49	50.53	33.11	6.90	7.91	15.9	3.012	81.3	5.3	1.5	1.3
1971	6/12/2014 21:46:04	12.93	50.50	33.06	6.85	7.90	18.4	3.110	79.7	6.3	1.8	1.5
1972	6/12/2014 22:01:04	12.08	50.63	33.12	6.75	7.88	15.6	3.209	77.3	5.0	1.4	1.2
1973	6/12/2014 22:16:04	11.67	50.65	33.11	6.67	7.87	18.2	3.316	75.7	5.2	1.5	1.2
1974	6/12/2014 22:31:03	11.21	50.57	33.03	6.66	7.87	12.6	3.411	74.8	5.8	1.7	1.4
1975	6/12/2014 22:46:04	11.05	50.69	33.11	6.65	7.87	11.5	3.492	74.4	5.4	1.6	1.3
1976	6/12/2014 23:01:04	10.92	50.62	33.05	6.61	7.87	10.4	3.578	73.7	4.9	1.4	1.2
1977	6/12/2014 23:16:04	10.82	50.67	33.08	6.59	7.87	7.8	3.653	73.5	6.7	1.9	1.6
1978	6/12/2014 23:31:04	10.76	50.63	33.05	6.52	7.87	10.7	3.701	72.6	5.4	1.6	1.3
1979	6/12/2014 23:46:04	10.72	50.65	33.06	6.45	7.86	4.8	3.737	71.7	5.1	1.5	1.2
1980	6/13/2014 0:01:03	10.67	50.56	32.99	6.30	7.85	4.0	3.774	69.9	3.2	0.9	0.8
1981	6/13/2014 0:16:04	11.36	50.70	33.13	6.21	7.86	6.2	3.768	70.0	6.0	1.7	1.4
1982	6/13/2014 0:31:04	11.20	50.59	33.04	6.46	7.86	6.8	3.731	72.6	4.7	1.4	1.1
1983	6/13/2014 0:46:04	10.84	50.75	33.14	6.46	7.86	6.0	3.675	72.0	4.7	1.4	1.1
1984	6/13/2014 1:01:04	11.26	50.67	33.10	6.41	7.85	7.0	3.613	72.1	5.2	1.5	1.2
1985	6/13/2014 1:16:04	11.15	48.96	31.86	6.47	7.85	6.5	3.512	72.0	4.2	1.2	1.0
1986	6/13/2014 1:31:04	11.50	50.57	33.05	6.48	7.86	6.7	3.388	73.3	4.9	1.4	1.2
1987	6/13/2014 1:46:04	13.02	50.57	33.12	6.64	7.89	7.5	3.279	77.5	3.9	1.1	0.9
1988	6/13/2014 2:01:04	13.10	50.64	33.17	6.81	7.90	10.9	3.156	79.6	3.1	0.9	0.7
1989	6/13/2014 2:16:04	13.01	50.62	33.16	6.82	7.90	10.8	3.024	79.6	3.6	1.0	0.8
1990	6/13/2014 2:31:04	13.24	50.59	33.14	6.85	7.90	10.2	2.893	80.3	3.4	1.0	0.8
1991	6/13/2014 2:46:04	13.54	50.62	33.17	6.77	7.90	9.0	2.751	79.9	3.0	0.9	0.7
1992	6/13/2014 3:01:04	14.34	50.69	33.25	6.76	7.90	9.6	2.607	81.1	3.2	0.9	0.8
1993	6/13/2014 3:16:03	15.03	50.68	33.26	6.71	7.91	16.8	2.454	81.7	3.4	1.0	0.8
1994	6/13/2014 3:31:03	15.05	50.80	33.35	6.85	7.92	11.4	2.316	83.4	3.2	0.9	0.8
1995	6/13/2014 3:46:03	15.07	50.87	33.40	6.93	7.92	10.9	2.147	84.5	3.9	1.1	0.9
1996	6/13/2014 4:01:04	15.44	50.90	33.43	6.88	7.93	12.5	1.993	84.5	3.2	0.9	0.8
1997	6/13/2014 4:16:03	15.57	50.94	33.47	6.80	7.92	13.6	1.834	83.8	2.9	0.8	0.7
1998	6/13/2014 4:31:03	15.59	50.92	33.45	6.71	7.91	13.2	1.683	82.6	3.3	1.0	0.8
1999	6/13/2014 4:46:03	16.24	50.97	33.50	6.83	7.93	12.7	1.533	85.3	3.1	0.9	0.7
2000	6/13/2014 5:01:03	16.69	51.03	33.55	6.85	7.94	13.1	1.353	86.2	2.9	0.8	0.7
2001	6/13/2014 5:16:03	16.81	51.02	33.55	6.86	7.94	11.5	1.206	86.6	2.9	0.8	0.7
2002	6/13/2014 5:31:03	16.94	50.99	33.53	6.86	7.94	11.1	1.051	86.8	2.9	0.8	0.7
2003	6/13/2014 5:46:03	17.39	50.90	33.47	6.85	7.95	10.6	0.907	87.3	3.4	1.0	0.8
2004	6/13/2014 6:01:03	17.71	51.08	33.60	6.84	7.96	11.9	0.776	87.9	3.2	0.9	0.8
2005	6/13/2014 6:16:03	17.75	51.07	33.59	6.76	7.95	9.5	0.674	86.9	3.3	1.0	0.8
2006	6/13/2014 6:31:03	17.30	51.18	33.67	6.54	7.91	8.3	0.630	83.4	2.9	0.8	0.7
2007	6/13/2014 6:46:03	17.70	51.18	33.67	6.80	7.95	8.8	0.629	87.4	2.7	0.8	0.6
2008	6/13/2014 7:01:03	18.17	51.05	33.58	6.87	7.97	9.2	0.692	89.0	2.8	0.8	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.28)	Fluorescence %FS
2009	6/13/2014 7:16:03	18.67	51.21	33.70	6.96	7.99	8.7	0.773	91.1	3.2	0.9	0.8
2010	6/13/2014 7:31:03	18.81	51.31	33.77	7.06	8.00	11.4	0.865	92.7	3.5	1.0	0.8
2011	6/13/2014 7:46:03	18.93	51.34	33.79	7.16	8.02	8.6	0.983	94.3	3.2	0.9	0.8
2012	6/13/2014 8:01:03	18.82	51.31	33.77	7.24	8.01	8.6	1.049	95.1	3.4	1.0	0.8
2013	6/13/2014 8:16:03	18.83	51.20	33.69	6.87	7.97	9.8	1.125	90.3	3.6	1.0	0.9
2014	6/13/2014 8:31:03	18.85	51.03	33.57	6.70	7.95	11.7	1.211	87.9	4.2	1.2	1.0
2015	6/13/2014 8:46:03	18.70	51.13	33.64	6.75	7.95	13.3	1.295	88.4	3.7	1.1	0.9
2016	6/13/2014 9:01:03	18.50	51.08	33.60	6.92	7.97	13.6	1.388	90.3	3.3	1.0	0.8
2017	6/13/2014 9:16:03	18.20	51.05	33.58	6.95	7.97	11.9	1.482	90.1	2.9	0.8	0.7
2018	6/13/2014 9:31:03	17.99	51.00	33.54	6.99	7.97	12.5	1.604	90.3	2.3	0.7	0.5
2019	6/13/2014 9:46:03	17.78	50.91	33.47	6.96	7.97	13.0	1.703	89.5	2.7	0.8	0.6
2020	6/13/2014 10:01:03	17.38	50.88	33.45	6.93	7.95	12.7	1.815	88.4	3.1	0.9	0.7
2021	6/13/2014 10:16:03	17.20	50.88	33.45	6.92	7.95	13.1	1.947	88.0	3.2	0.9	0.8
2022	6/13/2014 10:31:03	17.06	50.91	33.47	6.90	7.94	13.7	2.057	87.5	3.2	0.9	0.8
2023	6/13/2014 10:46:03	16.74	50.75	33.35	6.92	7.94	13.4	2.171	87.1	3.2	0.9	0.8
2024	6/13/2014 11:01:03	16.52	50.84	33.41	6.95	7.94	13.8	2.276	87.2	2.7	0.8	0.6
2025	6/13/2014 11:16:03	16.31	50.82	33.39	6.97	7.93	15.8	2.383	87.0	3.6	1.0	0.9
2026	6/13/2014 11:31:03	16.01	50.78	33.35	6.92	7.93	15.4	2.481	85.9	2.7	0.8	0.6
2027	6/13/2014 11:46:04	15.50	50.70	33.29	6.92	7.92	20.6	2.568	85.0	3.7	1.1	0.9
2028	6/13/2014 12:01:03	14.98	50.67	33.25	6.90	7.91	21.2	2.667	83.9	3.2	0.9	0.7
2029	6/13/2014 12:16:04	14.05	50.65	33.21	6.82	7.89	20.2	2.748	81.3	3.6	1.0	0.9
2030	6/13/2014 12:31:03	13.50	50.60	33.16	6.80	7.89	18.3	2.828	80.2	4.5	1.3	1.1
2031	6/13/2014 12:46:04	13.25	50.64	33.17	6.84	7.89	19.6	2.895	80.2	4.0	1.2	1.0
2032	6/13/2014 13:01:04	13.16	50.60	33.15	6.81	7.89	17.2	2.964	79.7	4.4	1.3	1.0
2033	6/13/2014 13:16:04	13.05	50.64	33.16	6.80	7.89	10.9	3.016	79.4	4.1	1.2	1.0
2034	6/13/2014 13:31:04	13.01	50.62	33.15	6.80	7.89	9.3	3.055	79.4	3.6	1.0	0.8
Mean		16.04	50.46	33.11	7.38	7.93	8.71	2.28	91.37	4.10	1.18	0.97
Minimum		10.67	47.58	31.03	5.28	7.74	1.90	0.63	67.70	1.10	0.32	0.30
Maximum		18.95	51.34	33.79	9.26	8.12	133.10	3.77	116.50	22.00	6.34	5.20

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

Chlorophyll/Fluorescence displayed as *in vivo* (non-extractive) readings from YSI 6025 chlorophyll probe

Chlorophyll corrected with ratio derived from extractive analysis; Sample collected at 9:00; value = 0.96

Flagged data due to suspect values (i.e., equipment malfunction, interference, etc.)

Data listed as outlier and discarded due to field issues (i.e., equipment malfunction, interference, etc.)

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
0	6/13/2014 14:16:11	12.99	51.74	33.97	6.92	7.85	8.6	3.058	81.1	3.6	1.2	0.9
1	6/13/2014 14:31:11	13.08	51.61	33.88	6.85	7.85	8.5	3.008	80.5	3.8	1.3	0.9
2	6/13/2014 14:46:11	13.62	51.77	34.02	6.97	7.87	18.3	2.935	82.8	5.0	1.7	1.2
3	6/13/2014 15:01:11	14.15	51.53	33.86	7.21	7.89	25.9	2.872	86.5	6.0	2.0	1.4
4	6/13/2014 15:16:11	14.33	51.51	33.85	7.35	7.89	25.3	2.792	88.5	6.3	2.1	1.5
5	6/13/2014 15:31:11	14.45	51.62	33.94	7.34	7.90	27.2	2.691	88.6	6.4	2.2	1.5
6	6/13/2014 15:46:11	14.81	51.04	33.52	7.25	7.89	33.8	2.604	88.0	5.1	1.7	1.2
7	6/13/2014 16:01:11	15.05	51.40	33.79	7.49	7.91	26.9	2.512	91.4	6.4	2.2	1.5
8	6/13/2014 16:16:11	15.47	51.56	33.92	7.75	7.94	29.1	2.432	95.5	5.6	1.9	1.3
9	6/13/2014 16:31:11	15.62	51.53	33.90	8.06	7.96	26.8	2.348	99.6	5.2	1.8	1.2
10	6/13/2014 16:46:11	16.37	51.36	33.79	8.06	7.97	32.8	2.274	101.0	5.5	1.9	1.3
11	6/13/2014 17:01:11	16.75	51.66	34.01	8.10	7.99	28.1	2.205	102.4	5.5	1.9	1.3
12	6/13/2014 17:16:11	17.19	51.44	33.86	7.92	7.98	32.9	2.129	100.9	4.8	1.6	1.1
13	6/13/2014 17:31:11	17.27	51.51	33.91	8.30	8.01	25.1	2.061	105.9	4.5	1.5	1.1
14	6/13/2014 17:46:11	17.45	51.80	34.13	8.08	8.00	23.1	2.006	103.6	5.1	1.7	1.2
15	6/13/2014 18:01:11	17.51	51.69	34.05	7.75	7.98	18.6	1.961	99.4	4.1	1.4	1.0
16	6/13/2014 18:16:11	17.60	51.44	33.86	7.68	7.97	16.7	1.914	98.6	4.2	1.4	1.0
17	6/13/2014 18:31:11	17.64	51.72	34.07	7.80	7.99	14.1	1.917	100.4	4.2	1.4	1.0
18	6/13/2014 18:46:11	17.63	51.91	34.21	7.82	8.00	11.4	1.914	100.7	3.9	1.3	0.9
19	6/13/2014 19:01:11	17.90	51.32	33.77	7.77	7.98	15.1	1.920	100.3	3.9	1.3	0.9
20	6/13/2014 19:16:10	18.28	51.76	34.10	7.41	7.96	14.4	1.972	96.4	3.9	1.3	0.9
21	6/13/2014 19:31:10	18.28	51.71	34.07	7.40	7.96	16.1	2.027	96.4	4.1	1.4	1.0
22	6/13/2014 19:46:10	18.66	51.79	34.13	7.31	7.96	18.6	2.088	95.8	4.8	1.6	1.1
23	6/13/2014 20:01:11	18.35	51.84	34.16	7.31	7.95	22.0	2.168	95.3	4.8	1.6	1.1
24	6/13/2014 20:16:11	18.75	51.78	34.12	7.32	7.96	21.1	2.252	96.2	5.0	1.7	1.2
25	6/13/2014 20:31:11	18.25	51.75	34.09	7.37	7.95	27.0	2.341	95.9	5.4	1.8	1.3
26	6/13/2014 20:46:10	17.95	51.50	33.91	7.37	7.94	23.6	2.426	95.3	4.8	1.6	1.1
27	6/13/2014 21:01:11	17.05	51.70	34.05	7.35	7.93	27.5	2.513	93.5	4.7	1.6	1.1
28	6/13/2014 21:16:11	15.93	51.53	33.90	7.38	7.92	23.8	2.602	91.8	6.0	2.0	1.4
29	6/13/2014 21:31:11	15.23	51.22	33.66	7.40	7.91	18.5	2.699	90.6	4.9	1.7	1.2
30	6/13/2014 21:46:11	15.10	51.40	33.79	7.40	7.91	19.4	2.795	90.5	5.1	1.7	1.2
31	6/13/2014 22:01:11	14.84	51.37	33.76	7.48	7.92	20.9	2.885	91.0	6.1	2.1	1.4
32	6/13/2014 22:16:12	14.24	51.47	33.82	7.58	7.92	19.5	2.981	91.1	6.6	2.2	1.5
33	6/13/2014 22:31:12	13.70	51.38	33.73	7.76	7.93	22.0	3.082	92.2	7.1	2.4	1.7
34	6/13/2014 22:46:11	13.00	51.36	33.69	8.01	7.94	21.8	3.181	93.8	9.0	3.1	2.1
35	6/13/2014 23:01:12	12.58	51.37	33.68	8.20	7.95	17.3	3.279	95.2	11.8	4.0	2.8
36	6/13/2014 23:16:12	12.12	51.45	33.72	8.33	7.96	18.1	3.372	95.8	12.6	4.3	3.0
37	6/13/2014 23:31:12	11.89	51.31	33.61	8.41	7.97	15.0	3.464	96.2	15.1	5.1	3.6
38	6/13/2014 23:46:12	11.69	51.37	33.64	8.47	7.98	11.2	3.534	96.5	17.3	5.9	4.1
39	6/14/2014 0:01:12	11.61	51.33	33.60	8.46	7.98	8.1	3.611	96.2	11.8	4.0	2.8
40	6/14/2014 0:16:12	11.56	51.27	33.56	8.40	7.98	4.9	3.663	95.3	12.2	4.1	2.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
41	6/14/2014 0:31:12	11.49	51.36	33.62	8.36	7.98	4.5	3.695	94.8	12.1	4.1	2.9
42	6/14/2014 0:46:12	13.34	51.73	33.98	7.46	7.94	5.1	3.723	88.1	6.3	2.1	1.5
43	6/14/2014 1:01:12	12.04	51.44	33.71	7.86	7.95	3.6	3.726	90.2	10.5	3.6	2.5
44	6/14/2014 1:16:12	11.77	51.27	33.57	8.04	7.96	5.3	3.687	91.7	9.2	3.1	2.2
45	6/14/2014 1:31:12	11.86	51.40	33.67	8.04	7.96	5.8	3.632	91.9	9.7	3.3	2.3
46	6/14/2014 1:46:12	11.97	51.34	33.63	7.89	7.94	7.2	3.565	90.4	9.4	3.2	2.2
47	6/14/2014 2:01:11	12.01	51.19	33.52	7.99	7.94	7.6	3.465	91.6	14.1	4.8	3.3
48	6/14/2014 2:16:12	11.97	51.24	33.56	8.03	7.95	7.4	3.352	92.0	11.8	4.0	2.8
49	6/14/2014 2:31:12	13.36	51.29	33.65	7.58	7.94	11.1	3.227	89.4	7.1	2.4	1.7
50	6/14/2014 2:46:12	13.62	51.30	33.67	7.55	7.94	14.6	3.100	89.6	9.0	3.1	2.1
51	6/14/2014 3:01:12	13.56	51.44	33.77	7.64	7.95	14.8	2.971	90.6	6.7	2.3	1.6
52	6/14/2014 3:16:12	13.72	51.44	33.78	7.54	7.94	13.4	2.833	89.7	7.6	2.6	1.8
53	6/14/2014 3:31:11	14.41	51.34	33.73	7.30	7.93	15.6	2.684	88.0	5.1	1.7	1.2
54	6/14/2014 3:46:11	14.94	51.33	33.74	7.10	7.92	14.5	2.552	86.6	5.1	1.7	1.2
55	6/14/2014 4:01:11	15.64	51.49	33.87	7.03	7.92	17.3	2.401	86.9	4.6	1.6	1.1
56	6/14/2014 4:16:11	15.24	51.43	33.82	6.94	7.91	16.9	2.243	85.1	4.5	1.5	1.1
57	6/14/2014 4:31:11	15.16	51.38	33.78	6.96	7.91	14.7	2.084	85.1	4.8	1.6	1.1
58	6/14/2014 4:46:11	15.56	51.65	33.99	6.87	7.91	16.8	1.926	84.8	4.7	1.6	1.1
59	6/14/2014 5:01:12	15.53	51.73	34.04	6.78	7.90	18.6	1.766	83.7	4.9	1.7	1.2
60	6/14/2014 5:16:11	16.03	51.65	34.00	6.66	7.90	19.5	1.599	83.0	4.2	1.4	1.0
61	6/14/2014 5:31:11	16.43	51.71	34.05	6.53	7.89	20.8	1.427	82.1	3.4	1.2	0.8
62	6/14/2014 5:46:11	16.60	51.65	34.00	6.50	7.89	18.8	1.259	81.9	4.4	1.5	1.0
63	6/14/2014 6:01:11	16.87	51.83	34.14	6.45	7.90	18.5	1.090	81.8	3.5	1.2	0.8
64	6/14/2014 6:16:11	17.17	51.76	34.09	6.33	7.89	17.6	0.923	80.7	3.1	1.1	0.7
65	6/14/2014 6:31:11	17.15	51.79	34.12	6.30	7.89	17.3	0.776	80.3	3.6	1.2	0.8
66	6/14/2014 6:46:11	17.17	51.75	34.08	6.22	7.88	13.5	0.629	79.4	2.8	1.0	0.7
67	6/14/2014 7:01:11	17.43	51.75	34.09	6.12	7.88	12.3	0.530	78.5	3.5	1.2	0.8
68	6/14/2014 7:16:11	17.59	51.73	34.07	6.15	7.88	12.2	0.506	79.1	3.2	1.1	0.8
69	6/14/2014 7:31:11	17.53	51.97	34.25	6.18	7.88	12.8	0.515	79.4	3.0	1.0	0.7
70	6/14/2014 7:46:11	17.46	51.93	34.22	6.19	7.88	12.0	0.591	79.5	3.2	1.1	0.8
71	6/14/2014 8:01:11	17.73	51.94	34.23	6.16	7.88	13.0	0.686	79.4	3.7	1.3	0.9
72	6/14/2014 8:16:11	17.74	51.88	34.18	6.15	7.88	13.5	0.782	79.3	3.4	1.2	0.8
73	6/14/2014 8:31:11	17.81	52.03	34.30	6.14	7.88	13.1	0.867	79.4	3.6	1.2	0.9
74	6/14/2014 8:46:11	17.90	51.99	34.27	6.12	7.88	12.2	0.943	79.3	3.1	1.1	0.7
75	6/14/2014 9:01:11	17.85	51.88	34.19	6.13	7.88	12.4	1.035	79.3	3.7	1.3	0.9
76	6/14/2014 9:16:11	18.00	51.95	34.24	6.13	7.88	13.3	1.091	79.5	3.7	1.3	0.9
77	6/14/2014 9:31:11	18.03	51.73	34.08	6.15	7.89	13.7	1.205	79.7	4.3	1.5	1.0
78	6/14/2014 9:46:11	17.94	52.02	34.29	6.15	7.89	14.7	1.292	79.7	3.6	1.2	0.8
79	6/14/2014 10:01:11	17.77	52.00	34.28	6.21	7.88	14.1	1.394	80.1	3.9	1.3	0.9
80	6/14/2014 10:16:11	17.70	51.83	34.15	6.22	7.88	14.5	1.518	80.1	3.5	1.2	0.8
81	6/14/2014 10:31:11	17.50	51.94	34.23	6.21	7.88	17.0	1.626	79.8	3.1	1.1	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
82	6/14/2014 10:46:11	17.11	51.83	34.14	6.36	7.89	17.1	1.757	81.0	2.9	1.0	0.7
83	6/14/2014 11:01:11	16.85	51.63	33.99	6.53	7.90	17.3	1.872	82.7	3.3	1.1	0.8
84	6/14/2014 11:16:11	16.66	51.66	34.01	6.64	7.90	17.9	1.994	83.8	3.4	1.2	0.8
85	6/14/2014 11:31:11	16.49	51.64	33.99	6.72	7.90	17.2	2.116	84.6	3.9	1.3	0.9
86	6/14/2014 11:46:11	16.33	51.74	34.06	6.82	7.90	17.8	2.226	85.5	3.8	1.3	0.9
87	6/14/2014 12:01:11	16.11	51.32	33.75	6.88	7.90	20.5	2.334	85.8	3.7	1.3	0.9
88	6/14/2014 12:16:12	15.76	51.63	33.97	6.88	7.90	22.0	2.433	85.3	4.5	1.5	1.1
89	6/14/2014 12:31:11	15.28	51.59	33.94	7.08	7.91	29.6	2.533	86.9	5.0	1.7	1.2
90	6/14/2014 12:46:11	14.63	51.37	33.75	7.26	7.91	28.0	2.620	88.0	5.0	1.7	1.2
91	6/14/2014 13:01:11	13.94	51.35	33.72	7.42	7.92	23.9	2.704	88.6	6.4	2.2	1.5
92	6/14/2014 13:16:11	13.64	51.20	33.60	7.55	7.92	26.4	2.792	89.6	8.4	2.9	2.0
93	6/14/2014 13:31:11	13.43	51.24	33.62	7.56	7.93	28.7	2.866	89.2	8.0	2.7	1.9
94	6/14/2014 13:46:12	13.23	51.41	33.74	7.52	7.92	25.8	2.937	88.4	7.4	2.5	1.7
95	6/14/2014 14:01:12	12.69	51.40	33.71	7.37	7.92	18.1	3.001	85.8	6.7	2.3	1.6
96	6/14/2014 14:16:12	12.20	51.46	33.73	7.24	7.91	10.4	3.055	83.4	6.3	2.1	1.5
97	6/14/2014 14:31:12	12.05	51.45	33.71	7.22	7.91	5.3	3.085	82.9	6.3	2.1	1.5
98	6/14/2014 14:46:11	13.27	50.86	33.34	7.43	7.93	9.5	3.096	87.3	7.5	2.6	1.8
99	6/14/2014 15:01:12	12.12	51.45	33.72	7.12	7.90	7.3	3.079	81.9	5.9	2.0	1.4
100	6/14/2014 15:16:12	12.26	51.34	33.64	7.10	7.90	9.7	3.034	81.8	5.3	1.8	1.2
101	6/14/2014 15:31:12	12.62	51.27	33.61	7.14	7.91	12.5	2.974	82.9	5.0	1.7	1.2
102	6/14/2014 15:46:12	13.88	51.42	33.77	7.78	7.96	13.9	2.884	92.8	6.4	2.2	1.5
103	6/14/2014 16:01:12	14.40	51.34	33.73	8.20	7.99	13.0	2.800	98.8	5.6	1.9	1.3
104	6/14/2014 16:16:12	14.47	51.42	33.79	8.17	7.99	15.8	2.711	98.6	5.2	1.8	1.2
105	6/14/2014 16:31:12	14.85	51.31	33.72	7.99	7.98	14.8	2.613	97.2	5.0	1.7	1.2
106	6/14/2014 16:46:12	15.09	51.54	33.89	8.02	7.98	14.4	2.520	98.1	4.9	1.7	1.2
107	6/14/2014 17:01:12	15.45	51.48	33.86	8.18	7.99	15.9	2.426	100.7	20.1	6.8	4.7
108	6/14/2014 17:16:11	15.65	51.40	33.80	8.46	8.03	18.0	2.343	104.6	5.8	2.0	1.4
109	6/14/2014 17:31:11	16.27	51.49	33.88	8.29	8.03	20.3	2.265	103.7	5.6	1.9	1.3
110	6/14/2014 17:46:11	16.31	51.56	33.93	8.47	8.04	17.4	2.181	106.1	4.2	1.4	1.0
111	6/14/2014 18:01:11	16.14	51.60	33.96	8.75	8.06	13.7	2.116	109.2	4.7	1.6	1.1
112	6/14/2014 18:16:11	16.83	51.60	33.97	8.24	8.02	16.3	2.038	104.3	4.5	1.5	1.1
113	6/14/2014 18:31:11	16.60	51.43	33.84	8.47	8.04	14.7	1.978	106.7	4.1	1.4	1.0
114	6/14/2014 18:46:11	16.86	51.61	33.98	8.30	8.04	14.2	1.922	105.2	4.1	1.4	1.0
115	6/14/2014 19:01:11	16.97	51.44	33.86	8.18	8.02	13.7	1.878	103.8	4.2	1.4	1.0
116	6/14/2014 19:16:11	17.05	51.58	33.96	8.02	8.02	10.1	1.850	101.9	3.8	1.3	0.9
117	6/14/2014 19:31:11	17.56	51.78	34.11	7.83	8.00	8.4	1.839	100.6	4.4	1.5	1.0
118	6/14/2014 19:46:11	17.21	51.83	34.15	7.80	7.99	9.9	1.856	99.6	3.8	1.3	0.9
119	6/14/2014 20:01:11	18.15	51.65	34.02	7.58	7.98	9.0	1.878	98.4	4.1	1.4	1.0
120	6/14/2014 20:16:11	18.20	51.77	34.11	7.49	7.97	9.7	1.922	97.4	3.8	1.3	0.9
121	6/14/2014 20:31:11	18.22	51.83	34.15	7.45	7.96	13.5	1.982	96.9	3.9	1.3	0.9
122	6/14/2014 20:46:11	17.89	51.88	34.19	7.43	7.96	13.9	2.058	96.1	4.2	1.4	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
123	6/14/2014 21:01:11	18.30	51.38	33.82	7.36	7.95	18.1	2.137	95.7	4.9	1.7	1.1
124	6/14/2014 21:16:11	17.73	51.71	34.06	7.46	7.95	17.0	2.225	96.2	4.9	1.7	1.2
125	6/14/2014 21:31:11	17.26	51.67	34.03	7.56	7.96	14.7	2.312	96.5	4.3	1.5	1.0
126	6/14/2014 21:46:11	16.78	51.58	33.95	7.61	7.95	15.6	2.387	96.2	4.7	1.6	1.1
127	6/14/2014 22:01:11	15.70	51.36	33.78	7.55	7.93	17.2	2.485	93.4	6.1	2.1	1.4
128	6/14/2014 22:16:12	15.40	51.51	33.88	7.51	7.93	15.6	2.570	92.4	6.2	2.1	1.5
129	6/14/2014 22:31:11	14.94	51.24	33.67	7.50	7.93	14.1	2.656	91.3	6.2	2.1	1.5
130	6/14/2014 22:46:11	14.60	51.20	33.63	7.54	7.93	15.5	2.751	91.1	6.5	2.2	1.5
131	6/14/2014 23:01:11	13.89	51.39	33.75	7.55	7.92	16.9	2.848	90.1	7.6	2.6	1.8
132	6/14/2014 23:16:12	13.43	51.34	33.70	7.56	7.92	18.6	2.948	89.4	9.1	3.1	2.1
133	6/14/2014 23:31:12	12.76	51.38	33.70	7.69	7.93	17.7	3.038	89.6	9.8	3.3	2.3
134	6/14/2014 23:46:12	12.15	51.44	33.72	7.71	7.92	16.6	3.141	88.7	10.6	3.6	2.5
135	6/15/2014 0:01:12	11.75	51.30	33.59	7.78	7.92	16.4	3.240	88.7	10.5	3.6	2.5
136	6/15/2014 0:16:12	11.36	51.38	33.63	7.78	7.92	13.3	3.332	88.0	11.3	3.8	2.7
137	6/15/2014 0:31:11	11.21	51.44	33.66	7.76	7.93	12.6	3.408	87.5	12.4	4.2	2.9
138	6/15/2014 0:46:11	11.12	51.26	33.53	7.76	7.93	8.7	3.486	87.3	11.0	3.7	2.6
139	6/15/2014 1:01:11	11.09	51.35	33.59	7.73	7.93	6.2	3.545	86.8	12.7	4.3	3.0
140	6/15/2014 1:16:12	11.07	51.45	33.66	7.67	7.93	4.7	3.589	86.2	9.3	3.2	2.2
141	6/15/2014 1:31:12	11.10	51.30	33.56	7.57	7.92	3.5	3.617	85.1	9.8	3.3	2.3
142	6/15/2014 1:46:12	11.81	51.42	33.68	7.41	7.92	6.4	3.622	84.7	7.8	2.7	1.8
143	6/15/2014 2:01:11	11.35	51.39	33.64	7.45	7.92	4.8	3.621	84.3	10.6	3.6	2.5
144	6/15/2014 2:16:11	11.42	51.36	33.61	7.41	7.91	5.7	3.571	83.8	10.4	3.5	2.5
145	6/15/2014 2:31:11	11.61	51.43	33.68	7.42	7.91	5.9	3.499	84.4	7.5	2.6	1.8
146	6/15/2014 2:46:12	11.59	51.18	33.49	7.43	7.91	7.2	3.422	84.3	6.6	2.2	1.6
147	6/15/2014 3:01:12	11.65	51.44	33.69	7.45	7.92	7.7	3.307	84.8	9.6	3.3	2.3
148	6/15/2014 3:16:11	11.93	51.48	33.73	7.42	7.92	7.2	3.187	85.0	8.1	2.8	1.9
149	6/15/2014 3:31:11	13.31	51.52	33.82	7.27	7.92	11.4	3.065	85.7	5.7	1.9	1.3
150	6/15/2014 3:46:11	13.06	51.51	33.80	7.35	7.92	12.9	2.947	86.2	6.5	2.2	1.5
151	6/15/2014 4:01:12	13.16	51.37	33.71	7.29	7.92	11.1	2.819	85.7	6.5	2.2	1.5
152	6/15/2014 4:16:11	13.48	51.34	33.70	7.15	7.91	10.4	2.666	84.6	5.7	1.9	1.3
153	6/15/2014 4:31:11	14.33	51.39	33.76	7.16	7.91	14.5	2.540	86.1	5.0	1.7	1.2
154	6/15/2014 4:46:11	14.56	51.42	33.79	6.89	7.89	10.7	2.393	83.3	3.7	1.3	0.9
155	6/15/2014 5:01:11	14.19	51.55	33.88	6.88	7.88	10.4	2.232	82.6	3.9	1.3	0.9
156	6/15/2014 5:16:12	14.22	51.65	33.95	7.00	7.90	11.5	2.078	84.1	5.2	1.8	1.2
157	6/15/2014 5:31:11	14.35	51.35	33.73	6.89	7.89	12.2	1.911	82.9	4.3	1.5	1.0
158	6/15/2014 5:46:11	15.26	51.62	33.96	6.79	7.89	15.8	1.771	83.4	4.3	1.5	1.0
159	6/15/2014 6:01:11	15.44	51.45	33.84	6.75	7.89	14.5	1.601	83.1	3.4	1.2	0.8
160	6/15/2014 6:16:11	15.78	51.71	34.04	6.66	7.88	15.8	1.420	82.6	3.4	1.2	0.8
161	6/15/2014 6:31:11	15.76	51.67	34.00	6.67	7.88	13.6	1.273	82.7	3.9	1.3	0.9
162	6/15/2014 6:46:11	15.94	51.70	34.03	6.62	7.88	11.9	1.091	82.4	3.6	1.2	0.9
163	6/15/2014 7:01:11	16.48	51.55	33.93	6.56	7.89	14.5	0.928	82.4	3.2	1.1	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
164	6/15/2014 7:16:11	16.32	51.75	34.07	6.55	7.88	11.5	0.775	82.1	2.9	1.0	0.7
165	6/15/2014 7:31:11	16.71	51.86	34.16	6.46	7.88	10.3	0.644	81.7	2.6	0.9	0.6
166	6/15/2014 7:46:11	16.72	51.84	34.14	6.28	7.87	8.7	0.537	79.4	2.7	0.9	0.6
167	6/15/2014 8:01:11	16.53	51.63	33.99	6.22	7.85	10.0	0.479	78.3	2.6	0.9	0.6
168	6/15/2014 8:16:11	17.21	51.95	34.23	6.35	7.87	7.5	0.506	81.0	2.8	1.0	0.7
169	6/15/2014 8:31:11	17.44	51.86	34.17	6.31	7.88	9.1	0.567	80.9	3.1	1.1	0.7
170	6/15/2014 8:46:11	17.41	51.84	34.15	6.32	7.88	8.9	0.667	81.0	2.9	1.0	0.7
171	6/15/2014 9:01:11	17.58	52.01	34.28	6.26	7.88	7.8	0.768	80.6	2.5	0.9	0.6
172	6/15/2014 9:16:11	17.70	52.07	34.32	6.26	7.88	8.1	0.861	80.7	2.8	1.0	0.7
173	6/15/2014 9:31:11	17.73	52.04	34.30	6.27	7.88	9.0	0.947	80.9	3.4	1.2	0.8
174	6/15/2014 9:46:11	17.65	52.07	34.32	6.26	7.87	9.5	1.020	80.7	2.9	1.0	0.7
175	6/15/2014 10:01:11	17.83	51.92	34.22	6.20	7.86	9.9	1.094	80.1	3.2	1.1	0.7
176	6/15/2014 10:16:11	17.77	52.00	34.28	6.17	7.86	11.4	1.196	79.6	3.1	1.1	0.7
177	6/15/2014 10:31:11	17.73	52.06	34.32	6.16	7.86	13.5	1.286	79.6	3.3	1.1	0.8
178	6/15/2014 10:46:11	17.42	51.98	34.26	6.33	7.87	11.2	1.392	81.2	3.4	1.2	0.8
179	6/15/2014 11:01:11	17.23	51.86	34.17	6.39	7.87	11.2	1.503	81.6	2.5	0.9	0.6
180	6/15/2014 11:16:11	17.06	51.50	33.90	6.42	7.87	12.0	1.624	81.6	2.6	0.9	0.6
181	6/15/2014 11:31:11	16.91	51.69	34.04	6.47	7.87	13.3	1.745	82.1	3.2	1.1	0.7
182	6/15/2014 11:46:11	16.68	51.82	34.13	6.61	7.88	14.1	1.868	83.5	3.2	1.1	0.7
183	6/15/2014 12:01:11	16.52	51.58	33.95	6.68	7.88	15.2	1.996	84.0	3.4	1.2	0.8
184	6/15/2014 12:16:11	16.35	51.62	33.98	6.75	7.88	15.0	2.103	84.6	3.7	1.3	0.9
185	6/15/2014 12:31:11	16.20	51.55	33.93	6.84	7.89	15.5	2.218	85.5	3.5	1.2	0.8
186	6/15/2014 12:46:11	16.00	51.66	34.00	6.96	7.89	16.9	2.319	86.7	3.9	1.3	0.9
187	6/15/2014 13:01:11	15.75	51.52	33.90	6.93	7.89	18.6	2.424	85.8	4.2	1.4	1.0
188	6/15/2014 13:16:11	15.22	51.34	33.75	7.10	7.89	20.5	2.520	86.9	4.8	1.6	1.1
189	6/15/2014 13:31:11	14.50	51.42	33.79	7.29	7.90	22.3	2.609	88.1	6.5	2.2	1.5
190	6/15/2014 13:46:11	13.87	51.51	33.83	7.43	7.90	20.4	2.704	88.6	6.5	2.2	1.5
191	6/15/2014 14:01:12	13.46	51.50	33.81	7.55	7.91	22.5	2.783	89.3	8.0	2.7	1.9
192	6/15/2014 14:16:12	13.28	51.35	33.69	7.62	7.92	24.4	2.873	89.7	8.7	3.0	2.0
193	6/15/2014 14:31:12	12.87	51.43	33.74	7.69	7.92	19.5	2.948	89.8	9.2	3.1	2.2
194	6/15/2014 14:46:11	12.42	51.34	33.66	7.86	7.93	15.1	3.001	90.9	9.9	3.4	2.3
195	6/15/2014 15:01:12	12.18	51.41	33.69	8.02	7.94	10.9	3.067	92.3	8.8	3.0	2.1
196	6/15/2014 15:16:12	11.96	51.42	33.69	8.15	7.94	7.5	3.106	93.4	9.1	3.1	2.1
197	6/15/2014 15:31:12	13.23	51.57	33.85	8.11	7.95	7.6	3.107	95.5	7.5	2.6	1.8
198	6/15/2014 15:46:12	12.19	51.53	33.78	8.01	7.94	6.6	3.090	92.2	7.7	2.6	1.8
199	6/15/2014 16:01:12	12.15	51.43	33.71	8.06	7.94	12.1	3.068	92.7	8.4	2.9	2.0
200	6/15/2014 16:16:12	12.43	51.10	33.48	7.95	7.93	10.1	2.998	91.8	6.3	2.1	1.5
201	6/15/2014 16:31:12	13.39	51.36	33.71	7.96	7.95	10.5	2.914	94.0	7.2	2.4	1.7
202	6/15/2014 16:46:12	14.05	51.41	33.77	8.26	7.97	11.1	2.819	98.9	6.1	2.1	1.4
203	6/15/2014 17:01:12	13.97	51.27	33.66	8.31	7.98	9.0	2.740	99.2	7.4	2.5	1.7
204	6/15/2014 17:16:12	14.54	51.33	33.72	8.07	7.96	14.5	2.644	97.5	4.8	1.6	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
205	6/15/2014 17:31:11	15.16	51.46	33.84	7.67	7.95	18.9	2.544	94.0	5.3	1.8	1.3
206	6/15/2014 17:46:11	15.19	51.45	33.83	8.11	7.97	17.1	2.446	99.3	5.5	1.9	1.3
207	6/15/2014 18:01:11	15.69	51.46	33.85	8.24	7.99	16.6	2.359	102.0	4.9	1.7	1.1
208	6/15/2014 18:16:11	15.90	51.48	33.87	8.33	8.01	15.1	2.278	103.5	5.5	1.9	1.3
209	6/15/2014 18:31:11	16.42	51.41	33.82	8.23	8.00	14.5	2.197	103.3	4.3	1.5	1.0
210	6/15/2014 18:46:11	16.45	51.63	33.99	8.52	8.02	11.9	2.112	107.1	3.7	1.3	0.9
211	6/15/2014 19:01:11	16.56	51.67	34.02	8.53	8.02	11.5	2.039	107.4	4.5	1.5	1.1
212	6/15/2014 19:16:11	16.73	51.63	33.99	8.45	8.02	11.6	1.978	106.8	3.6	1.2	0.8
213	6/15/2014 19:31:11	16.73	51.58	33.95	8.50	8.03	9.7	1.915	107.4	3.8	1.3	0.9
214	6/15/2014 19:46:11	16.70	51.76	34.08	8.57	8.04	9.2	1.849	108.2	4.0	1.4	0.9
215	6/15/2014 20:01:11	17.10	51.51	33.91	8.21	8.01	8.8	1.817	104.4	4.2	1.4	1.0
216	6/15/2014 20:16:11	17.45	51.78	34.11	7.94	8.00	7.2	1.810	101.8	3.3	1.1	0.8
217	6/15/2014 20:31:11	17.82	51.78	34.12	7.86	7.99	7.3	1.790	101.5	3.8	1.3	0.9
218	6/15/2014 20:46:11	17.71	51.81	34.13	7.58	7.97	6.1	1.796	97.6	3.2	1.1	0.8
219	6/15/2014 21:01:11	17.94	51.83	34.15	7.65	7.97	8.4	1.846	99.0	3.2	1.1	0.8
220	6/15/2014 21:16:11	18.02	51.88	34.19	7.64	7.97	9.8	1.901	99.1	4.0	1.4	0.9
221	6/15/2014 21:31:11	18.04	51.76	34.10	7.61	7.96	10.4	1.958	98.6	3.7	1.3	0.9
222	6/15/2014 21:46:11	17.78	51.70	34.05	7.57	7.95	10.4	2.030	97.7	3.7	1.3	0.9
223	6/15/2014 22:01:11	18.14	51.62	34.00	7.41	7.94	15.2	2.129	96.1	4.2	1.4	1.0
224	6/15/2014 22:16:11	17.52	51.76	34.10	7.53	7.94	15.5	2.217	96.7	4.6	1.6	1.1
225	6/15/2014 22:31:11	17.21	51.60	33.98	7.55	7.94	11.9	2.297	96.3	4.2	1.4	1.0
226	6/15/2014 22:46:11	16.79	51.71	34.05	7.58	7.94	12.5	2.380	96.0	4.5	1.5	1.1
227	6/15/2014 23:01:11	15.49	51.40	33.80	7.55	7.92	13.3	2.465	93.1	6.0	2.0	1.4
228	6/15/2014 23:16:11	15.15	51.57	33.92	7.57	7.92	13.5	2.547	92.7	5.5	1.9	1.3
229	6/15/2014 23:31:11	14.82	51.31	33.72	7.63	7.92	11.8	2.630	92.8	5.4	1.8	1.3
230	6/15/2014 23:46:11	14.67	51.46	33.83	7.69	7.92	12.1	2.715	93.2	6.2	2.1	1.5
231	6/16/2014 0:01:11	14.15	51.52	33.85	7.82	7.93	13.4	2.810	93.8	8.1	2.8	1.9
232	6/16/2014 0:16:12	13.73	51.47	33.80	7.93	7.93	13.7	2.901	94.3	9.1	3.1	2.2
233	6/16/2014 0:31:12	13.37	51.58	33.87	8.05	7.94	16.0	2.984	95.0	10.1	3.4	2.4
234	6/16/2014 0:46:11	12.77	51.36	33.69	8.31	7.95	14.2	3.077	96.8	10.8	3.7	2.6
235	6/16/2014 1:01:12	12.32	51.53	33.78	8.42	7.96	13.3	3.166	97.3	12.1	4.1	2.8
236	6/16/2014 1:16:12	11.82	51.33	33.62	8.46	7.96	11.5	3.249	96.6	11.8	4.0	2.8
237	6/16/2014 1:31:11	11.53	51.36	33.62	8.48	7.96	12.5	3.319	96.3	15.7	5.3	3.7
238	6/16/2014 1:46:12	11.43	51.34	33.60	8.52	7.97	8.4	3.387	96.5	12.8	4.4	3.0
239	6/16/2014 2:01:11	11.31	51.21	33.50	8.59	7.97	6.2	3.443	96.9	37.6	12.8	8.9
240	6/16/2014 2:16:12	11.29	51.41	33.65	8.40	7.97	4.3	3.476	94.9	12.8	4.4	3.0
241	6/16/2014 2:31:12	12.60	51.62	33.87	7.72	7.94	4.5	3.501	89.8	14.7	5.0	3.5
242	6/16/2014 2:46:12	11.77	51.55	33.77	8.06	7.95	5.2	3.503	92.0	9.3	3.2	2.2
243	6/16/2014 3:01:12	11.59	51.56	33.77	8.13	7.95	5.4	3.472	92.5	10.6	3.6	2.5
244	6/16/2014 3:16:12	11.68	51.37	33.64	8.16	7.95	6.1	3.418	92.9	9.7	3.3	2.3
245	6/16/2014 3:31:12	11.78	51.57	33.79	8.12	7.95	6.4	3.346	92.7	9.0	3.1	2.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
246	6/16/2014 3:46:12	11.92	51.51	33.75	8.02	7.94	8.1	3.255	91.8	10.5	3.6	2.5
247	6/16/2014 4:01:12	11.85	51.48	33.73	8.09	7.94	8.7	3.143	92.5	53.2	18.1	12.5
248	6/16/2014 4:16:12	13.22	51.59	33.87	7.69	7.93	9.2	3.024	90.5	7.3	2.5	1.7
249	6/16/2014 4:31:12	13.52	51.61	33.90	7.62	7.93	10.4	2.908	90.3	7.5	2.6	1.8
250	6/16/2014 4:46:12	13.55	51.67	33.94	7.63	7.92	9.8	2.780	90.4	6.3	2.1	1.5
251	6/16/2014 5:01:12	13.78	51.43	33.77	7.50	7.91	10.1	2.651	89.3	6.5	2.2	1.5
252	6/16/2014 5:16:12	14.37	51.62	33.94	7.10	7.89	10.5	2.517	85.7	4.6	1.6	1.1
253	6/16/2014 5:31:11	15.05	51.61	33.94	6.90	7.88	12.0	2.386	84.4	4.4	1.5	1.0
254	6/16/2014 5:46:12	14.96	51.48	33.85	6.85	7.87	10.6	2.246	83.6	4.1	1.4	1.0
255	6/16/2014 6:01:11	14.94	51.49	33.85	7.06	7.89	13.0	2.079	86.1	4.0	1.4	0.9
256	6/16/2014 6:16:12	14.76	51.62	33.94	7.04	7.89	11.7	1.933	85.6	3.8	1.3	0.9
257	6/16/2014 6:31:11	14.90	51.50	33.86	7.13	7.90	12.0	1.785	86.9	3.4	1.2	0.8
258	6/16/2014 6:46:12	15.07	51.80	34.08	7.07	7.89	13.1	1.615	86.5	3.8	1.3	0.9
259	6/16/2014 7:01:11	15.48	51.80	34.09	6.93	7.89	12.0	1.473	85.5	3.0	1.0	0.7
260	6/16/2014 7:16:11	15.58	51.77	34.07	6.89	7.89	11.8	1.304	85.2	2.8	1.0	0.7
261	6/16/2014 7:31:12	15.97	51.81	34.11	6.78	7.89	11.4	1.156	84.5	3.3	1.1	0.8
262	6/16/2014 7:46:11	16.09	51.85	34.14	6.75	7.88	10.5	1.002	84.3	2.4	0.8	0.6
263	6/16/2014 8:01:11	16.41	51.79	34.11	6.69	7.88	9.7	0.858	84.1	2.9	1.0	0.7
264	6/16/2014 8:16:11	16.52	51.89	34.18	6.61	7.88	7.9	0.747	83.2	2.6	0.9	0.6
265	6/16/2014 8:31:11	16.53	51.95	34.22	6.62	7.88	21.6	0.639	83.4	3.0	1.0	0.7
266	6/16/2014 8:46:11	16.29	51.87	34.16	6.69	7.87	15.1	0.602	84.0	3.1	1.1	0.7
267	6/16/2014 9:01:11	16.84	52.02	34.28	6.56	7.87	9.1	0.610	83.3	2.8	1.0	0.7
268	6/16/2014 9:16:11	17.19	52.14	34.37	6.39	7.88	8.7	0.654	81.7	3.0	1.0	0.7
269	6/16/2014 9:31:11	16.90	51.94	34.22	6.52	7.87	9.8	0.739	82.7	2.7	0.9	0.6
270	6/16/2014 9:46:11	17.14	51.90	34.20	6.45	7.87	9.1	0.829	82.2	2.7	0.9	0.6
271	6/16/2014 10:01:11	17.28	51.94	34.23	6.43	7.87	8.9	0.927	82.2	2.5	0.9	0.6
272	6/16/2014 10:16:11	17.34	51.95	34.24	6.37	7.87	9.9	0.996	81.6	3.1	1.1	0.7
273	6/16/2014 10:31:11	17.31	51.97	34.25	6.35	7.86	10.0	1.068	81.3	2.9	1.0	0.7
274	6/16/2014 10:46:11	17.32	51.81	34.13	6.37	7.86	10.0	1.152	81.4	3.0	1.0	0.7
275	6/16/2014 11:01:11	17.30	51.97	34.25	6.36	7.86	10.9	1.234	81.4	3.0	1.0	0.7
276	6/16/2014 11:16:11	17.13	51.88	34.18	6.48	7.87	11.2	1.336	82.6	3.4	1.2	0.8
277	6/16/2014 11:31:11	17.06	51.86	34.17	6.60	7.87	10.1	1.439	84.0	3.3	1.1	0.8
278	6/16/2014 11:46:11	17.14	51.87	34.17	6.55	7.87	11.5	1.548	83.5	3.0	1.0	0.7
279	6/16/2014 12:01:11	16.99	51.98	34.25	6.52	7.87	12.0	1.661	83.0	3.0	1.0	0.7
280	6/16/2014 12:16:11	16.69	51.70	34.05	6.62	7.87	12.2	1.785	83.6	2.9	1.0	0.7
281	6/16/2014 12:31:11	16.48	51.76	34.08	6.74	7.88	12.2	1.903	84.8	3.8	1.3	0.9
282	6/16/2014 12:46:11	16.33	51.90	34.18	6.81	7.88	12.8	2.018	85.5	3.7	1.3	0.9
283	6/16/2014 13:01:11	16.19	51.68	34.02	6.89	7.88	13.1	2.133	86.2	3.5	1.2	0.8
284	6/16/2014 13:16:11	16.08	51.63	33.98	6.99	7.89	14.2	2.249	87.2	3.7	1.3	0.9
285	6/16/2014 13:31:11	15.94	51.49	33.87	7.16	7.89	15.8	2.345	89.0	4.3	1.5	1.0
286	6/16/2014 13:46:11	15.70	51.59	33.95	7.17	7.89	15.9	2.447	88.7	5.5	1.9	1.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
287	6/16/2014 14:01:12	15.28	51.59	33.93	7.39	7.90	19.7	2.548	90.8	6.2	2.1	1.4
288	6/16/2014 14:16:11	14.63	51.35	33.74	7.64	7.91	19.1	2.640	92.5	9.3	3.2	2.2
289	6/16/2014 14:31:12	14.01	51.55	33.87	7.72	7.92	19.9	2.734	92.4	6.8	2.3	1.6
290	6/16/2014 14:46:12	13.46	51.49	33.80	7.85	7.93	19.7	2.820	92.8	8.6	2.9	2.0
291	6/16/2014 15:01:12	13.24	51.52	33.82	7.90	7.93	19.9	2.898	93.1	9.5	3.2	2.2
292	6/16/2014 15:16:12	13.02	51.50	33.80	7.94	7.94	23.8	2.973	93.0	9.7	3.3	2.3
293	6/16/2014 15:31:12	12.63	51.39	33.70	7.78	7.93	15.6	3.033	90.4	10.0	3.4	2.4
294	6/16/2014 15:46:12	12.17	51.55	33.80	7.57	7.91	12.3	3.091	87.1	12.6	4.3	3.0
295	6/16/2014 16:01:12	11.85	51.46	33.71	7.43	7.91	10.0	3.130	84.9	10.4	3.5	2.5
296	6/16/2014 16:16:12	11.70	51.49	33.72	7.14	7.89	3.2	3.150	81.3	15.0	5.1	3.5
297	6/16/2014 16:31:12	11.88	51.55	33.78	7.36	7.91	7.9	3.134	84.2	9.6	3.3	2.2
298	6/16/2014 16:46:12	11.89	51.57	33.80	7.34	7.90	9.2	3.100	84.1	8.8	3.0	2.1
299	6/16/2014 17:01:12	12.27	51.56	33.81	7.45	7.91	10.9	3.049	86.0	7.5	2.6	1.8
300	6/16/2014 17:16:12	13.57	51.36	33.71	7.92	7.95	14.2	2.961	93.8	8.7	3.0	2.0
301	6/16/2014 17:31:11	14.15	51.33	33.71	8.30	7.98	17.3	2.878	99.5	8.1	2.8	1.9
302	6/16/2014 17:46:12	14.23	51.51	33.85	8.28	7.97	17.5	2.788	99.5	7.2	2.4	1.7
303	6/16/2014 18:01:12	14.83	51.51	33.86	8.04	7.96	19.2	2.677	97.8	6.2	2.1	1.5
304	6/16/2014 18:16:11	15.27	51.49	33.86	7.92	7.95	15.4	2.594	97.2	8.8	3.0	2.1
305	6/16/2014 18:31:11	15.80	51.46	33.85	7.77	7.95	16.2	2.495	96.4	10.4	3.5	2.4
306	6/16/2014 18:46:11	16.40	51.61	33.97	7.62	7.94	18.3	2.399	95.7	8.9	3.0	2.1
307	6/16/2014 19:01:11	16.68	51.77	34.10	7.59	7.94	20.2	2.317	95.9	6.9	2.3	1.6
308	6/16/2014 19:16:11	16.72	51.54	33.92	7.94	7.96	17.7	2.227	100.2	5.7	1.9	1.3
309	6/16/2014 19:31:11	16.63	51.81	34.12	8.21	7.99	15.3	2.151	103.6	4.3	1.5	1.0
310	6/16/2014 19:46:11	16.66	51.78	34.10	8.11	7.99	12.7	2.074	102.4	4.1	1.4	1.0
311	6/16/2014 20:01:11	17.09	51.61	33.98	7.86	7.96	13.9	1.995	100.0	4.4	1.5	1.0
312	6/16/2014 20:16:11	16.71	51.79	34.11	8.40	8.01	10.3	1.923	106.2	3.8	1.3	0.9
313	6/16/2014 20:31:11	16.77	51.69	34.04	8.32	8.01	10.0	1.873	105.3	4.1	1.4	1.0
314	6/16/2014 20:46:11	16.89	51.60	33.97	8.00	7.99	10.5	1.811	101.3	4.1	1.4	1.0
315	6/16/2014 21:01:11	16.93	51.88	34.18	8.16	8.00	9.4	1.777	103.6	3.7	1.3	0.9
316	6/16/2014 21:16:11	17.34	51.51	33.91	7.64	7.96	8.2	1.766	97.6	3.7	1.3	0.9
317	6/16/2014 21:31:11	17.70	51.81	34.13	7.17	7.92	9.2	1.745	92.3	4.2	1.4	1.0
318	6/16/2014 21:46:11	17.62	51.66	34.03	7.42	7.94	10.8	1.776	95.4	3.6	1.2	0.8
319	6/16/2014 22:01:11	18.11	52.07	34.33	7.24	7.94	11.0	1.809	94.1	3.7	1.3	0.9
320	6/16/2014 22:16:11	18.10	51.98	34.26	7.17	7.93	11.8	1.855	93.2	3.7	1.3	0.9
321	6/16/2014 22:31:11	18.09	51.96	34.25	7.15	7.93	13.7	1.926	92.8	4.2	1.4	1.0
322	6/16/2014 22:46:11	17.93	51.98	34.26	7.16	7.92	13.2	1.998	92.7	4.3	1.5	1.0
323	6/16/2014 23:01:11	18.38	52.06	34.33	7.09	7.92	16.6	2.080	92.7	4.6	1.6	1.1
324	6/16/2014 23:16:11	18.02	51.76	34.10	7.22	7.92	17.2	2.164	93.6	4.4	1.5	1.0
325	6/16/2014 23:31:11	17.62	51.83	34.15	7.28	7.92	13.2	2.246	93.7	4.8	1.6	1.1
326	6/16/2014 23:46:11	16.93	51.72	34.06	7.40	7.92	15.1	2.323	93.9	5.1	1.7	1.2
327	6/17/2014 0:01:11	15.90	51.68	34.01	7.51	7.91	13.9	2.399	93.4	5.3	1.8	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
328	6/17/2014 0:16:11	15.35	51.56	33.91	7.58	7.91	11.9	2.484	93.2	5.8	2.0	1.4
329	6/17/2014 0:31:11	15.00	51.46	33.83	7.64	7.92	13.0	2.554	93.2	6.4	2.2	1.5
330	6/17/2014 0:46:11	14.79	51.48	33.84	7.67	7.92	12.0	2.636	93.2	6.0	2.0	1.4
331	6/17/2014 1:01:12	14.69	51.65	33.96	7.67	7.92	17.8	2.716	93.1	8.9	3.0	2.1
332	6/17/2014 1:16:12	14.09	51.46	33.81	7.70	7.92	11.9	2.794	92.3	9.7	3.3	2.3
333	6/17/2014 1:31:11	13.75	51.53	33.85	7.70	7.92	13.9	2.880	91.7	7.7	2.6	1.8
334	6/17/2014 1:46:12	13.39	51.50	33.81	7.73	7.93	13.3	2.950	91.3	8.4	2.9	2.0
335	6/17/2014 2:01:11	12.88	51.39	33.71	7.78	7.93	11.5	3.033	90.9	9.1	3.1	2.1
336	6/17/2014 2:16:12	12.46	51.36	33.67	7.78	7.93	12.0	3.110	90.1	10.6	3.6	2.5
337	6/17/2014 2:31:12	12.11	51.50	33.76	7.73	7.92	11.6	3.168	88.9	11.9	4.0	2.8
338	6/17/2014 2:46:12	11.84	51.52	33.76	7.69	7.92	7.5	3.233	87.9	11.5	3.9	2.7
339	6/17/2014 3:01:12	11.65	51.22	33.53	7.67	7.92	7.0	3.279	87.2	8.3	2.8	1.9
340	6/17/2014 3:16:12	11.68	51.49	33.72	7.50	7.91	4.5	3.305	85.4	11.1	3.8	2.6
341	6/17/2014 3:31:12	12.17	51.45	33.72	7.13	7.89	6.1	3.332	82.1	8.9	3.0	2.1
342	6/17/2014 3:46:12	11.87	51.55	33.78	7.32	7.90	6.1	3.315	83.8	9.2	3.1	2.2
343	6/17/2014 4:01:12	11.62	51.53	33.75	7.45	7.91	5.7	3.287	84.8	10.1	3.4	2.4
344	6/17/2014 4:16:12	12.12	51.49	33.75	7.36	7.90	7.0	3.233	84.6	8.8	3.0	2.1
345	6/17/2014 4:31:12	12.71	51.47	33.76	7.37	7.90	9.5	3.152	85.8	7.4	2.5	1.7
346	6/17/2014 4:46:12	12.90	51.57	33.84	7.39	7.90	8.2	3.060	86.4	7.4	2.5	1.7
347	6/17/2014 5:01:12	12.55	51.39	33.69	7.44	7.90	7.9	2.961	86.3	8.3	2.8	1.9
348	6/17/2014 5:16:12	13.21	51.59	33.87	7.34	7.90	9.2	2.848	86.4	6.5	2.2	1.5
349	6/17/2014 5:31:12	14.26	51.65	33.95	7.13	7.90	13.1	2.732	85.8	5.3	1.8	1.3
350	6/17/2014 5:46:12	14.82	51.64	33.96	6.92	7.88	11.9	2.616	84.2	3.9	1.3	0.9
351	6/17/2014 6:01:11	15.47	51.70	34.02	6.56	7.85	10.6	2.498	80.9	2.5	0.9	0.6
352	6/17/2014 6:16:11	15.32	51.83	34.11	6.73	7.87	12.6	2.380	82.9	4.0	1.4	0.9
353	6/17/2014 6:31:11	15.56	51.80	34.10	6.45	7.85	12.3	2.245	79.8	3.6	1.2	0.8
354	6/17/2014 6:46:11	15.50	51.75	34.06	6.55	7.85	12.9	2.114	80.9	3.3	1.1	0.8
355	6/17/2014 7:01:11	15.51	51.78	34.08	6.80	7.87	13.8	1.980	84.0	3.2	1.1	0.8
356	6/17/2014 7:16:11	15.22	51.70	34.01	6.84	7.87	12.4	1.842	83.9	2.9	1.0	0.7
357	6/17/2014 7:31:12	15.21	51.89	34.16	6.99	7.88	12.3	1.698	85.9	3.5	1.2	0.8
358	6/17/2014 7:46:12	15.36	51.95	34.20	7.08	7.89	12.5	1.546	87.3	3.3	1.1	0.8
359	6/17/2014 8:01:12	15.68	51.94	34.20	7.01	7.89	11.5	1.413	86.9	3.4	1.2	0.8
360	6/17/2014 8:16:12	15.90	52.00	34.25	6.90	7.89	10.9	1.258	85.9	3.1	1.1	0.7
361	6/17/2014 8:31:12	16.06	51.85	34.14	6.84	7.88	9.8	1.134	85.4	3.0	1.0	0.7
362	6/17/2014 8:46:11	16.24	51.93	34.20	6.75	7.88	9.7	1.009	84.6	3.1	1.1	0.7
363	6/17/2014 9:01:11	16.30	51.98	34.24	6.69	7.88	8.9	0.900	84.0	2.8	1.0	0.7
364	6/17/2014 9:16:11	16.28	51.95	34.22	6.58	7.86	7.9	0.819	82.5	2.0	0.7	0.5
365	6/17/2014 9:31:11	16.31	51.91	34.19	6.54	7.86	6.1	0.765	82.1	2.1	0.7	0.5
366	6/17/2014 9:46:11	16.34	52.05	34.29	6.89	7.88	8.9	0.763	86.6	2.4	0.8	0.6
367	6/17/2014 10:01:11	16.38	51.96	34.23	6.79	7.88	8.7	0.800	85.4	2.9	1.0	0.7
368	6/17/2014 10:16:11	16.46	52.05	34.30	6.73	7.87	9.5	0.862	84.8	2.9	1.0	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
369	6/17/2014 10:31:11	16.53	52.06	34.31	6.62	7.86	11.3	0.936	83.4	3.2	1.1	0.7
370	6/17/2014 10:46:11	16.49	51.96	34.23	6.63	7.86	11.4	1.017	83.6	3.2	1.1	0.7
371	6/17/2014 11:01:11	16.58	52.10	34.33	6.49	7.86	11.4	1.097	81.9	3.3	1.1	0.8
372	6/17/2014 11:16:11	16.70	52.07	34.31	6.38	7.85	10.5	1.165	80.7	3.0	1.0	0.7
373	6/17/2014 11:31:11	16.69	52.20	34.41	6.39	7.85	10.2	1.251	80.9	3.1	1.1	0.7
374	6/17/2014 11:46:11	16.96	52.36	34.54	6.17	7.86	13.5	1.339	78.6	3.1	1.1	0.7
375	6/17/2014 12:01:11	16.87	52.38	34.55	6.21	7.86	14.5	1.427	79.0	3.3	1.1	0.8
376	6/17/2014 12:16:11	16.84	52.37	34.54	6.26	7.86	14.2	1.519	79.6	3.6	1.2	0.8
377	6/17/2014 12:31:11	16.73	52.00	34.26	6.38	7.86	12.7	1.626	80.8	3.7	1.3	0.9
378	6/17/2014 12:46:11	16.74	52.19	34.41	6.41	7.86	13.0	1.734	81.2	3.1	1.1	0.7
379	6/17/2014 13:01:11	16.81	52.08	34.33	6.30	7.86	15.0	1.851	79.9	3.1	1.1	0.7
380	6/17/2014 13:16:11	16.57	52.18	34.40	6.44	7.86	15.0	1.950	81.3	3.2	1.1	0.7
381	6/17/2014 13:31:11	16.27	51.92	34.20	6.69	7.87	15.4	2.070	84.0	4.0	1.4	0.9
382	6/17/2014 13:46:12	16.04	51.90	34.18	6.88	7.88	14.2	2.190	85.9	4.5	1.5	1.1
383	6/17/2014 14:01:12	15.88	51.97	34.23	7.00	7.88	14.2	2.286	87.2	4.3	1.5	1.0
384	6/17/2014 14:16:11	15.76	51.76	34.07	7.14	7.89	15.3	2.389	88.6	4.1	1.4	1.0
385	6/17/2014 14:31:11	15.64	51.81	34.11	7.24	7.90	15.3	2.490	89.6	4.9	1.7	1.2
386	6/17/2014 14:46:12	15.45	51.74	34.05	7.26	7.90	18.8	2.588	89.6	4.8	1.6	1.1
387	6/17/2014 15:01:11	14.95	51.58	33.92	7.51	7.91	20.2	2.675	91.6	5.6	1.9	1.3
388	6/17/2014 15:16:11	14.23	51.47	33.82	7.66	7.91	19.5	2.766	92.1	6.8	2.3	1.6
389	6/17/2014 15:31:12	13.48	51.48	33.80	7.81	7.92	18.0	2.853	92.4	8.9	3.0	2.1
390	6/17/2014 15:46:12	13.19	51.53	33.83	7.91	7.93	20.7	2.932	93.1	10.7	3.6	2.5
391	6/17/2014 16:01:12	12.99	51.52	33.81	7.95	7.94	18.9	3.002	93.1	10.1	3.4	2.4
392	6/17/2014 16:16:12	12.92	51.50	33.79	8.07	7.95	20.3	3.070	94.3	11.8	4.0	2.8
393	6/17/2014 16:31:12	12.65	51.46	33.75	8.08	7.95	12.6	3.132	93.9	11.8	4.0	2.8
394	6/17/2014 16:46:12	12.39	51.54	33.80	7.89	7.93	5.4	3.165	91.3	10.3	3.5	2.4
395	6/17/2014 17:01:12	13.53	51.42	33.76	7.78	7.94	6.8	3.188	92.1	7.6	2.6	1.8
396	6/17/2014 17:16:12	12.50	51.58	33.83	7.81	7.94	9.0	3.194	90.6	10.4	3.5	2.4
397	6/17/2014 17:31:11	12.46	51.33	33.64	7.89	7.94	11.1	3.159	91.3	11.6	3.9	2.7
398	6/17/2014 17:46:12	12.88	51.53	33.81	7.98	7.95	13.9	3.101	93.2	10.4	3.5	2.4
399	6/17/2014 18:01:12	13.31	51.54	33.84	8.11	7.96	22.5	3.026	95.6	9.7	3.3	2.3
400	6/17/2014 18:16:12	13.43	51.49	33.81	8.32	7.97	20.6	2.952	98.3	10.1	3.4	2.4
401	6/17/2014 18:31:12	13.37	51.48	33.80	8.44	7.98	15.6	2.858	99.7	9.2	3.1	2.2
402	6/17/2014 18:46:12	13.68	51.61	33.90	8.34	7.98	18.6	2.756	99.1	9.3	3.2	2.2
403	6/17/2014 19:01:12	14.88	51.67	33.98	7.69	7.93	28.1	2.665	93.7	6.7	2.3	1.6
404	6/17/2014 19:16:12	15.66	51.72	34.04	7.38	7.91	32.1	2.572	91.3	7.1	2.4	1.7
405	6/17/2014 19:31:11	15.99	51.76	34.08	7.26	7.90	37.5	2.487	90.5	6.8	2.3	1.6
406	6/17/2014 19:46:11	16.04	51.61	33.96	7.28	7.90	37.1	2.389	90.8	6.3	2.1	1.5
407	6/17/2014 20:01:11	16.22	51.66	34.00	7.19	7.89	32.4	2.301	90.0	6.1	2.1	1.4
408	6/17/2014 20:16:11	16.03	51.67	34.01	7.28	7.90	27.0	2.221	90.7	5.6	1.9	1.3
409	6/17/2014 20:31:11	16.15	51.81	34.11	7.24	7.90	29.2	2.128	90.6	5.3	1.8	1.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
410	6/17/2014 20:46:12	15.69	51.62	33.96	7.65	7.93	22.5	2.059	94.7	5.6	1.9	1.3
411	6/17/2014 21:01:12	15.69	51.59	33.94	7.49	7.91	23.2	1.972	92.7	5.9	2.0	1.4
412	6/17/2014 21:16:11	15.38	51.70	34.02	7.61	7.94	20.3	1.893	93.7	5.7	1.9	1.3
413	6/17/2014 21:31:12	15.50	51.80	34.10	7.41	7.92	17.8	1.841	91.5	16.3	5.5	3.8
414	6/17/2014 21:46:12	15.56	51.81	34.10	7.31	7.91	16.6	1.779	90.4	5.2	1.8	1.2
415	6/17/2014 22:01:12	15.98	51.72	34.04	7.13	7.89	16.8	1.752	88.8	4.9	1.7	1.2
416	6/17/2014 22:16:11	16.32	51.88	34.17	7.02	7.89	13.3	1.730	88.1	4.8	1.6	1.1
417	6/17/2014 22:31:11	16.83	51.98	34.25	6.82	7.87	13.9	1.717	86.5	4.7	1.6	1.1
418	6/17/2014 22:46:11	16.84	51.61	33.98	6.84	7.86	15.6	1.730	86.6	4.9	1.7	1.1
419	6/17/2014 23:01:11	17.13	52.18	34.40	6.84	7.86	18.0	1.766	87.3	4.4	1.5	1.0
420	6/17/2014 23:16:11	17.07	52.11	34.35	6.80	7.87	18.3	1.805	86.7	4.2	1.4	1.0
421	6/17/2014 23:31:11	17.25	52.26	34.46	6.73	7.86	20.3	1.856	86.2	4.9	1.7	1.2
422	6/17/2014 23:46:11	17.11	52.17	34.40	6.76	7.86	19.1	1.930	86.3	4.5	1.5	1.1
423	6/18/2014 0:01:11	17.08	52.13	34.37	6.77	7.86	20.3	1.999	86.3	4.1	1.4	1.0
424	6/18/2014 0:16:11	17.33	52.13	34.37	6.92	7.89	20.1	2.066	88.6	4.8	1.6	1.1
425	6/18/2014 0:31:11	17.06	52.12	34.36	6.99	7.90	18.1	2.140	89.1	4.5	1.5	1.1
426	6/18/2014 0:46:11	16.92	52.02	34.28	7.00	7.89	18.0	2.214	88.9	4.6	1.6	1.1
427	6/18/2014 1:01:11	16.79	52.03	34.29	7.01	7.89	20.5	2.279	88.8	5.2	1.8	1.2
428	6/18/2014 1:16:12	15.79	51.89	34.16	7.25	7.89	20.3	2.350	90.1	5.9	2.0	1.4
429	6/18/2014 1:31:12	15.19	51.82	34.10	7.42	7.90	16.9	2.426	91.0	5.8	2.0	1.4
430	6/18/2014 1:46:11	14.97	51.75	34.04	7.49	7.91	14.2	2.489	91.4	6.3	2.1	1.5
431	6/18/2014 2:01:11	14.61	51.57	33.90	7.55	7.91	13.7	2.562	91.5	7.0	2.4	1.6
432	6/18/2014 2:16:12	14.56	51.74	34.03	7.51	7.91	13.6	2.641	90.9	6.9	2.3	1.6
433	6/18/2014 2:31:12	14.17	51.68	33.97	7.55	7.91	15.2	2.706	90.7	6.6	2.2	1.6
434	6/18/2014 2:46:11	13.75	51.46	33.79	7.61	7.91	15.4	2.771	90.6	8.6	2.9	2.0
435	6/18/2014 3:01:11	13.48	51.27	33.64	7.65	7.92	14.4	2.850	90.4	8.4	2.9	2.0
436	6/18/2014 3:16:12	13.24	51.56	33.85	7.67	7.92	15.3	2.916	90.3	9.0	3.1	2.1
437	6/18/2014 3:31:12	12.79	51.36	33.68	7.74	7.92	13.1	2.972	90.2	9.8	3.3	2.3
438	6/18/2014 3:46:12	12.59	51.51	33.78	7.73	7.93	11.1	3.025	89.8	10.0	3.4	2.3
439	6/18/2014 4:01:12	12.34	51.63	33.86	7.74	7.93	7.8	3.073	89.4	9.7	3.3	2.3
440	6/18/2014 4:16:12	12.28	51.59	33.83	7.63	7.92	6.1	3.106	88.1	6.0	2.0	1.4
441	6/18/2014 4:31:12	14.50	51.92	34.15	6.48	7.84	9.0	3.123	78.5	5.7	1.9	1.3
442	6/18/2014 4:46:12	12.99	51.82	34.03	7.07	7.88	7.2	3.121	82.9	6.0	2.0	1.4
443	6/18/2014 5:01:12	12.27	51.51	33.77	7.53	7.91	6.6	3.091	86.8	10.2	3.5	2.4
444	6/18/2014 5:16:12	12.55	51.69	33.91	7.38	7.90	8.9	3.047	85.7	6.9	2.3	1.6
445	6/18/2014 5:31:12	13.01	51.60	33.87	7.25	7.89	12.6	2.974	85.0	7.4	2.5	1.8
446	6/18/2014 5:46:12	13.54	51.69	33.95	7.02	7.87	10.1	2.887	83.3	5.5	1.9	1.3
447	6/18/2014 6:01:12	13.11	51.70	33.95	7.30	7.90	9.0	2.797	85.8	6.5	2.2	1.5
448	6/18/2014 6:16:11	13.30	51.59	33.87	7.31	7.90	9.1	2.701	86.2	5.3	1.8	1.3
449	6/18/2014 6:31:12	14.02	51.71	33.99	7.08	7.89	9.8	2.598	84.8	4.5	1.5	1.1
450	6/18/2014 6:46:12	14.56	51.92	34.15	6.81	7.87	10.4	2.478	82.5	3.8	1.3	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
451	6/18/2014 7:01:12	14.96	51.86	34.13	6.62	7.85	12.3	2.377	80.8	4.0	1.4	0.9
452	6/18/2014 7:16:11	15.06	51.86	34.13	6.52	7.85	12.8	2.274	79.9	3.2	1.1	0.7
453	6/18/2014 7:31:11	15.21	51.88	34.15	6.51	7.84	13.3	2.147	79.9	3.6	1.2	0.9
454	6/18/2014 7:46:11	15.31	51.85	34.13	6.70	7.85	16.7	2.025	82.3	3.6	1.2	0.9
455	6/18/2014 8:01:11	15.11	51.95	34.19	6.89	7.87	13.0	1.917	84.4	3.9	1.3	0.9
456	6/18/2014 8:16:12	15.24	51.90	34.16	6.96	7.87	14.7	1.790	85.5	3.9	1.3	0.9
457	6/18/2014 8:31:11	15.22	51.78	34.07	7.21	7.89	13.5	1.671	88.4	3.6	1.2	0.8
458	6/18/2014 8:46:11	15.18	51.78	34.07	7.35	7.90	12.4	1.563	90.1	3.2	1.1	0.8
459	6/18/2014 9:01:11	15.32	51.82	34.10	7.41	7.91	10.4	1.428	91.1	3.6	1.2	0.8
460	6/18/2014 9:16:11	15.39	51.94	34.20	7.26	7.90	10.4	1.322	89.5	3.5	1.2	0.8
461	6/18/2014 9:31:11	15.68	51.94	34.20	6.94	7.88	11.6	1.231	86.0	3.4	1.2	0.8
462	6/18/2014 9:46:12	15.76	51.88	34.16	6.87	7.86	10.7	1.120	85.3	3.1	1.1	0.7
463	6/18/2014 10:01:12	15.70	51.94	34.20	6.93	7.87	8.9	1.058	85.9	2.8	1.0	0.7
464	6/18/2014 10:16:11	15.76	51.94	34.20	6.41	7.84	6.4	1.031	79.6	3.0	1.0	0.7
465	6/18/2014 10:31:12	15.79	51.95	34.21	7.58	7.92	10.1	1.000	94.1	2.7	0.9	0.6
466	6/18/2014 10:46:12	15.83	51.94	34.20	7.40	7.91	8.9	0.991	92.0	2.6	0.9	0.6
467	6/18/2014 11:01:11	16.06	51.81	34.11	6.88	7.88	8.7	1.029	85.9	2.7	0.9	0.6
468	6/18/2014 11:16:11	16.15	51.76	34.08	6.92	7.88	10.5	1.089	86.5	3.2	1.1	0.7
469	6/18/2014 11:31:11	16.14	52.00	34.26	6.87	7.88	11.9	1.140	85.9	2.6	0.9	0.6
470	6/18/2014 11:46:12	16.12	52.08	34.31	6.78	7.86	12.3	1.205	84.8	3.0	1.0	0.7
471	6/18/2014 12:01:11	16.11	51.89	34.17	6.69	7.86	12.9	1.299	83.6	3.1	1.1	0.7
472	6/18/2014 12:16:11	16.15	51.99	34.24	6.63	7.86	11.2	1.390	82.9	3.4	1.2	0.8
473	6/18/2014 12:31:11	16.48	52.19	34.40	6.18	7.85	13.5	1.458	77.9	2.7	0.9	0.6
474	6/18/2014 12:46:11	16.48	52.39	34.55	6.27	7.85	13.6	1.542	79.2	2.9	1.0	0.7
475	6/18/2014 13:01:11	16.33	52.25	34.44	6.48	7.86	12.6	1.656	81.5	4.0	1.4	0.9
476	6/18/2014 13:16:11	16.27	52.11	34.34	6.54	7.85	12.9	1.731	82.0	4.3	1.5	1.0
477	6/18/2014 13:31:12	16.22	52.22	34.42	6.55	7.85	13.3	1.827	82.2	4.0	1.4	0.9
478	6/18/2014 13:46:11	16.29	51.98	34.24	6.44	7.85	14.1	1.935	80.8	4.2	1.4	1.0
479	6/18/2014 14:01:11	16.23	52.08	34.32	6.47	7.85	16.0	2.035	81.2	4.1	1.4	1.0
480	6/18/2014 14:16:11	16.00	51.98	34.24	6.63	7.86	15.0	2.134	82.7	4.6	1.6	1.1
481	6/18/2014 14:31:11	15.81	51.84	34.13	6.83	7.87	16.0	2.230	84.8	4.4	1.5	1.0
482	6/18/2014 14:46:12	15.70	51.86	34.14	7.00	7.88	14.7	2.336	86.7	4.9	1.7	1.1
483	6/18/2014 15:01:12	15.61	51.85	34.13	7.20	7.89	15.8	2.428	89.2	4.6	1.6	1.1
484	6/18/2014 15:16:12	15.29	51.73	34.03	7.28	7.89	20.9	2.522	89.4	5.7	1.9	1.3
485	6/18/2014 15:31:12	14.92	51.58	33.92	7.46	7.90	21.1	2.609	90.9	6.0	2.0	1.4
486	6/18/2014 15:46:12	14.47	51.73	34.02	7.76	7.92	20.9	2.706	93.8	7.7	2.6	1.8
487	6/18/2014 16:01:12	13.84	51.56	33.87	7.91	7.93	20.6	2.791	94.3	9.9	3.4	2.3
488	6/18/2014 16:16:12	13.27	51.64	33.91	8.00	7.94	19.3	2.871	94.3	10.0	3.4	2.3
489	6/18/2014 16:31:12	12.83	51.52	33.80	8.07	7.95	21.7	2.958	94.2	11.5	3.9	2.7
490	6/18/2014 16:46:12	12.66	51.48	33.77	8.18	7.96	20.2	3.031	95.1	12.0	4.1	2.8
491	6/18/2014 17:01:11	12.51	51.50	33.78	8.21	7.96	19.0	3.103	95.2	12.8	4.4	3.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
492	6/18/2014 17:16:12	12.16	51.57	33.81	8.17	7.96	11.1	3.159	94.0	11.2	3.8	2.6
493	6/18/2014 17:31:12	11.98	51.48	33.74	8.11	7.96	6.5	3.197	93.0	12.3	4.2	2.9
494	6/18/2014 17:46:12	11.94	51.59	33.81	8.07	7.96	5.3	3.232	92.5	10.2	3.5	2.4
495	6/18/2014 18:01:12	12.92	51.54	33.82	8.07	7.97	6.8	3.230	94.4	6.2	2.1	1.5
496	6/18/2014 18:16:12	12.26	51.59	33.83	7.98	7.95	6.7	3.207	92.1	9.4	3.2	2.2
497	6/18/2014 18:31:12	12.17	51.55	33.79	8.05	7.96	8.4	3.176	92.7	10.7	3.6	2.5
498	6/18/2014 18:46:12	12.45	51.48	33.76	8.08	7.96	12.1	3.108	93.6	8.7	3.0	2.0
499	6/18/2014 19:01:12	13.45	51.30	33.67	8.46	7.99	13.0	3.026	100.0	9.0	3.1	2.1
500	6/18/2014 19:16:11	13.56	51.29	33.66	8.71	8.01	9.8	2.944	103.1	9.2	3.1	2.2
501	6/18/2014 19:31:12	13.77	51.50	33.82	8.52	8.00	9.8	2.851	101.4	9.5	3.2	2.2
502	6/18/2014 19:46:12	14.71	51.76	34.04	8.13	7.97	13.6	2.755	98.8	8.0	2.7	1.9
503	6/18/2014 20:01:11	14.88	51.53	33.88	8.04	7.96	12.5	2.652	97.9	6.8	2.3	1.6
504	6/18/2014 20:16:11	15.10	51.64	33.96	7.93	7.96	13.4	2.573	97.1	5.7	1.9	1.3
505	6/18/2014 20:31:11	15.63	51.73	34.04	7.67	7.93	14.4	2.470	94.8	4.8	1.6	1.1
506	6/18/2014 20:46:11	15.91	51.88	34.16	7.51	7.92	12.9	2.381	93.5	4.7	1.6	1.1
507	6/18/2014 21:01:11	16.20	51.88	34.17	7.34	7.91	12.8	2.296	91.9	4.4	1.5	1.0
508	6/18/2014 21:16:12	15.92	51.91	34.18	7.50	7.93	10.8	2.207	93.4	5.3	1.8	1.3
509	6/18/2014 21:31:11	15.89	51.71	34.04	7.45	7.93	10.4	2.118	92.6	4.9	1.7	1.1
510	6/18/2014 21:46:12	15.43	51.99	34.23	7.58	7.94	9.7	2.035	93.5	4.8	1.6	1.1
511	6/18/2014 22:01:11	15.75	51.75	34.06	7.55	7.93	9.3	1.955	93.6	5.1	1.7	1.2
512	6/18/2014 22:16:12	15.75	51.86	34.14	7.43	7.92	9.1	1.884	92.3	4.7	1.6	1.1
513	6/18/2014 22:31:12	15.73	51.95	34.21	7.44	7.93	8.3	1.795	92.3	5.0	1.7	1.2
514	6/18/2014 22:46:12	16.25	52.00	34.25	7.27	7.92	8.7	1.747	91.2	4.3	1.5	1.0
515	6/18/2014 23:01:11	16.71	52.01	34.27	7.29	7.92	7.6	1.708	92.3	4.3	1.5	1.0
516	6/18/2014 23:16:11	16.62	51.94	34.22	7.20	7.91	7.2	1.655	91.0	3.5	1.2	0.8
517	6/18/2014 23:31:11	17.25	51.88	34.18	7.29	7.93	5.9	1.649	93.1	3.6	1.2	0.8
518	6/18/2014 23:46:11	17.49	52.28	34.48	7.05	7.92	7.2	1.655	90.6	3.4	1.2	0.8
519	6/19/2014 0:01:11	17.65	52.31	34.50	7.46	7.95	6.9	1.668	96.2	3.0	1.0	0.7
520	6/19/2014 0:16:11	17.44	52.22	34.44	7.43	7.94	7.4	1.691	95.5	3.7	1.3	0.9
521	6/19/2014 0:31:11	17.54	52.17	34.40	7.33	7.93	8.1	1.739	94.3	3.3	1.1	0.8
522	6/19/2014 0:46:11	17.44	52.18	34.41	7.34	7.93	9.4	1.813	94.2	3.3	1.1	0.8
523	6/19/2014 1:01:11	17.24	52.12	34.36	7.31	7.92	9.2	1.871	93.5	3.8	1.3	0.9
524	6/19/2014 1:16:11	17.65	52.23	34.44	7.05	7.91	10.8	1.934	91.0	3.7	1.3	0.9
525	6/19/2014 1:31:11	17.71	52.21	34.43	7.01	7.90	11.8	2.007	90.5	3.7	1.3	0.9
526	6/19/2014 1:46:11	17.24	52.06	34.31	7.16	7.91	10.7	2.076	91.6	3.8	1.3	0.9
527	6/19/2014 2:01:11	16.98	51.92	34.21	7.19	7.90	10.3	2.142	91.4	4.1	1.4	1.0
528	6/19/2014 2:16:11	16.71	52.04	34.29	7.23	7.90	10.9	2.204	91.5	4.5	1.5	1.1
529	6/19/2014 2:31:11	16.16	51.75	34.07	7.36	7.91	9.4	2.268	92.0	4.8	1.6	1.1
530	6/19/2014 2:46:11	15.68	51.81	34.11	7.44	7.91	8.6	2.333	92.2	5.1	1.7	1.2
531	6/19/2014 3:01:11	15.42	51.81	34.10	7.47	7.91	8.6	2.402	92.1	5.3	1.8	1.2
532	6/19/2014 3:16:12	15.16	51.73	34.04	7.52	7.91	8.6	2.462	92.2	5.8	2.0	1.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
533	6/19/2014 3:31:12	14.91	51.78	34.07	7.56	7.91	8.9	2.521	92.2	5.6	1.9	1.3
534	6/19/2014 3:46:12	14.76	51.63	33.95	7.58	7.92	7.6	2.588	92.1	6.1	2.1	1.4
535	6/19/2014 4:01:11	14.41	51.70	33.99	7.67	7.92	9.5	2.649	92.6	7.0	2.4	1.6
536	6/19/2014 4:16:12	14.20	51.62	33.93	7.68	7.92	8.9	2.705	92.3	6.8	2.3	1.6
537	6/19/2014 4:31:12	14.05	51.62	33.92	7.68	7.92	8.3	2.759	92.0	6.4	2.2	1.5
538	6/19/2014 4:46:12	13.87	51.53	33.85	7.69	7.92	8.4	2.808	91.8	8.0	2.7	1.9
539	6/19/2014 5:01:12	13.65	51.68	33.95	7.72	7.92	7.5	2.859	91.7	5.9	2.0	1.4
540	6/19/2014 5:16:12	13.57	51.59	33.88	7.65	7.92	7.2	2.894	90.7	7.2	2.4	1.7
541	6/19/2014 5:31:12	13.41	51.69	33.95	7.48	7.91	2.3	2.906	88.5	5.0	1.7	1.2
542	6/19/2014 5:46:12	14.20	51.74	34.02	7.27	7.90	7.3	2.921	87.4	6.5	2.2	1.5
543	6/19/2014 6:01:12	13.67	51.50	33.82	7.42	7.91	6.0	2.920	88.1	4.8	1.6	1.1
544	6/19/2014 6:16:12	13.61	51.75	34.00	7.32	7.90	5.7	2.874	87.0	5.9	2.0	1.4
545	6/19/2014 6:31:12	14.36	51.55	33.88	6.92	7.87	7.8	2.813	83.4	5.6	1.9	1.3
546	6/19/2014 6:46:12	15.40	51.99	34.23	5.91	7.79	11.3	2.756	72.9	4.3	1.5	1.0
547	6/19/2014 7:01:12	15.00	51.81	34.09	6.63	7.85	7.9	2.674	81.1	4.0	1.4	0.9
548	6/19/2014 7:16:12	14.38	51.74	34.02	7.22	7.89	7.4	2.581	87.2	4.2	1.4	1.0
549	6/19/2014 7:31:11	14.54	51.70	34.00	7.30	7.89	7.8	2.487	88.3	4.2	1.4	1.0
550	6/19/2014 7:46:11	15.04	51.84	34.12	7.08	7.88	8.6	2.406	86.6	4.3	1.5	1.0
551	6/19/2014 8:01:11	15.35	51.87	34.14	6.94	7.88	7.5	2.319	85.4	3.6	1.2	0.8
552	6/19/2014 8:16:12	15.68	51.91	34.18	6.77	7.86	7.9	2.206	83.9	3.1	1.1	0.7
553	6/19/2014 8:31:11	15.90	52.07	34.30	6.83	7.87	8.9	2.104	85.0	3.0	1.0	0.7
554	6/19/2014 8:46:12	15.98	52.01	34.26	6.68	7.86	8.1	2.022	83.3	2.5	0.9	0.6
555	6/19/2014 9:01:12	16.01	52.01	34.26	6.82	7.87	7.6	1.922	85.2	2.6	0.9	0.6
556	6/19/2014 9:16:12	15.97	51.97	34.23	7.17	7.90	8.5	1.792	89.5	3.1	1.1	0.7
557	6/19/2014 9:31:12	16.14	52.01	34.26	7.14	7.90	7.6	1.712	89.4	3.2	1.1	0.8
558	6/19/2014 9:46:11	16.12	51.85	34.14	7.20	7.90	6.5	1.615	90.0	2.9	1.0	0.7
559	6/19/2014 10:01:11	16.23	51.85	34.14	7.67	7.93	7.2	1.509	96.1	2.5	0.9	0.6
560	6/19/2014 10:16:11	16.35	52.02	34.28	7.31	7.91	6.6	1.432	91.9	2.8	1.0	0.7
561	6/19/2014 10:31:11	16.40	51.82	34.13	7.50	7.93	6.8	1.349	94.3	3.1	1.1	0.7
562	6/19/2014 10:46:11	16.61	52.01	34.27	6.90	7.89	5.7	1.301	87.1	2.7	0.9	0.6
563	6/19/2014 11:01:11	16.55	51.92	34.20	6.77	7.87	5.3	1.266	85.4	2.4	0.8	0.6
564	6/19/2014 11:16:11	16.56	52.05	34.30	6.35	7.83	4.0	1.232	80.1	2.8	1.0	0.7
565	6/19/2014 11:31:11	16.56	52.02	34.28	7.77	7.94	6.3	1.238	98.0	3.0	1.0	0.7
566	6/19/2014 11:46:11	16.67	52.06	34.31	7.53	7.93	6.1	1.259	95.2	2.9	1.0	0.7
567	6/19/2014 12:01:11	16.74	51.99	34.25	7.43	7.92	6.1	1.290	94.1	2.6	0.9	0.6
568	6/19/2014 12:16:11	16.91	52.13	34.36	7.27	7.91	5.6	1.332	92.3	3.0	1.0	0.7
569	6/19/2014 12:31:11	17.23	52.12	34.36	7.02	7.90	5.6	1.391	89.7	3.0	1.0	0.7
570	6/19/2014 12:46:11	17.20	52.26	34.46	6.92	7.90	5.7	1.471	88.5	2.6	0.9	0.6
571	6/19/2014 13:01:11	17.00	52.22	34.43	6.96	7.89	7.6	1.536	88.6	3.5	1.2	0.8
572	6/19/2014 13:16:11	16.95	52.12	34.36	6.95	7.89	7.6	1.608	88.3	3.1	1.1	0.7
573	6/19/2014 13:31:11	16.89	52.00	34.27	6.96	7.89	6.8	1.675	88.4	3.2	1.1	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
574	6/19/2014 13:46:11	16.80	52.11	34.35	7.02	7.89	7.2	1.782	89.0	3.8	1.3	0.9
575	6/19/2014 14:01:12	16.77	52.17	34.39	7.03	7.89	7.8	1.846	89.1	4.2	1.4	1.0
576	6/19/2014 14:16:11	16.74	52.01	34.27	7.06	7.89	7.9	1.924	89.4	3.8	1.3	0.9
577	6/19/2014 14:31:11	16.75	51.97	34.24	7.00	7.88	9.3	2.036	88.6	4.3	1.5	1.0
578	6/19/2014 14:46:11	16.60	52.09	34.33	6.93	7.88	10.3	2.117	87.5	4.4	1.5	1.0
579	6/19/2014 15:01:11	16.30	51.96	34.23	7.11	7.88	9.9	2.203	89.3	4.4	1.5	1.0
580	6/19/2014 15:16:12	16.11	52.01	34.26	7.24	7.89	10.3	2.299	90.6	5.2	1.8	1.2
581	6/19/2014 15:31:11	15.97	51.82	34.12	7.36	7.90	11.1	2.396	91.8	5.1	1.7	1.2
582	6/19/2014 15:46:11	15.84	51.69	34.02	7.49	7.91	11.3	2.478	93.1	5.3	1.8	1.2
583	6/19/2014 16:01:12	15.64	51.80	34.09	7.66	7.92	11.4	2.562	94.8	5.5	1.9	1.3
584	6/19/2014 16:16:11	15.36	51.77	34.07	7.65	7.92	11.8	2.653	94.1	5.6	1.9	1.3
585	6/19/2014 16:31:11	14.97	51.60	33.94	7.92	7.93	16.1	2.738	96.6	6.6	2.2	1.6
586	6/19/2014 16:46:12	14.48	51.69	33.99	8.28	7.95	15.5	2.823	100.1	8.3	2.8	2.0
587	6/19/2014 17:01:12	13.85	51.51	33.83	8.38	7.96	16.6	2.909	99.9	8.5	2.9	2.0
588	6/19/2014 17:16:12	13.28	51.63	33.90	8.49	7.97	14.0	2.996	100.1	11.1	3.8	2.6
589	6/19/2014 17:31:12	12.66	51.48	33.77	8.68	7.99	13.1	3.076	100.9	12.8	4.4	3.0
590	6/19/2014 17:46:12	12.51	51.58	33.83	8.86	8.00	13.6	3.151	102.7	14.7	5.0	3.5
591	6/19/2014 18:01:12	12.40	51.43	33.72	8.98	8.02	11.9	3.206	103.9	12.8	4.4	3.0
592	6/19/2014 18:16:12	12.07	51.59	33.82	8.88	8.02	7.7	3.263	102.0	12.0	4.1	2.8
593	6/19/2014 18:31:12	11.93	51.59	33.81	8.77	8.01	6.4	3.291	100.5	11.8	4.0	2.8
594	6/19/2014 18:46:12	12.85	51.63	33.88	8.57	8.01	4.6	3.308	100.1	10.0	3.4	2.3
595	6/19/2014 19:01:12	12.50	51.55	33.81	8.59	8.00	5.3	3.297	99.6	10.0	3.4	2.3
596	6/19/2014 19:16:12	12.24	51.68	33.89	8.54	8.00	4.6	3.263	98.5	10.6	3.6	2.5
597	6/19/2014 19:31:11	12.33	51.47	33.75	8.72	8.00	5.8	3.216	100.7	10.7	3.6	2.5
598	6/19/2014 19:46:11	12.92	51.51	33.80	8.79	8.01	7.9	3.126	102.8	9.2	3.1	2.2
599	6/19/2014 20:01:11	13.47	51.55	33.85	8.76	8.01	9.2	3.036	103.6	9.9	3.4	2.3
600	6/19/2014 20:16:12	13.51	51.55	33.85	8.70	8.01	7.5	2.963	103.0	9.5	3.2	2.2
601	6/19/2014 20:31:12	14.58	51.60	33.93	8.30	7.99	11.5	2.861	100.5	7.2	2.4	1.7
602	6/19/2014 20:46:11	14.81	51.63	33.95	8.18	7.97	11.5	2.755	99.5	6.6	2.2	1.6
603	6/19/2014 21:01:12	15.04	51.42	33.80	7.99	7.96	10.9	2.666	97.6	7.2	2.4	1.7
604	6/19/2014 21:16:12	15.27	51.69	34.00	7.81	7.95	11.2	2.590	96.0	6.5	2.2	1.5
605	6/19/2014 21:31:11	15.88	51.68	34.02	7.58	7.93	11.1	2.490	94.2	5.5	1.9	1.3
606	6/19/2014 21:46:12	16.27	51.82	34.12	7.33	7.91	10.8	2.395	91.9	5.0	1.7	1.2
607	6/19/2014 22:01:11	16.12	51.77	34.08	7.41	7.92	9.6	2.320	92.6	4.8	1.6	1.1
608	6/19/2014 22:16:11	16.26	51.92	34.20	7.37	7.92	10.5	2.211	92.5	4.7	1.6	1.1
609	6/19/2014 22:31:11	16.07	51.77	34.08	7.40	7.92	10.8	2.121	92.4	4.5	1.5	1.1
610	6/19/2014 22:46:11	15.94	51.57	33.93	7.38	7.92	10.4	2.026	91.8	5.3	1.8	1.3
611	6/19/2014 23:01:11	15.55	51.78	34.08	7.21	7.91	10.6	1.936	89.1	5.7	1.9	1.3
612	6/19/2014 23:16:11	16.14	51.84	34.14	7.31	7.91	9.4	1.843	91.4	5.1	1.7	1.2
613	6/19/2014 23:31:12	16.15	51.75	34.07	7.17	7.91	9.1	1.766	89.6	5.0	1.7	1.2
614	6/19/2014 23:46:11	16.52	51.77	34.09	7.14	7.91	7.8	1.692	89.9	3.9	1.3	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
615	6/20/2014 0:01:11	16.82	51.99	34.26	7.09	7.91	8.2	1.617	89.9	4.2	1.4	1.0
616	6/20/2014 0:16:11	17.34	51.99	34.27	7.17	7.93	7.3	1.577	91.8	3.8	1.3	0.9
617	6/20/2014 0:31:11	17.30	52.13	34.37	7.16	7.93	6.8	1.550	91.7	3.6	1.2	0.9
618	6/20/2014 0:46:11	17.58	51.94	34.23	7.19	7.94	5.8	1.537	92.5	3.9	1.3	0.9
619	6/20/2014 1:01:11	17.61	52.16	34.40	6.90	7.92	6.0	1.535	88.9	3.1	1.1	0.7
620	6/20/2014 1:16:11	17.89	52.23	34.45	7.37	7.96	6.2	1.569	95.5	3.1	1.1	0.7
621	6/20/2014 1:31:11	17.67	52.36	34.54	7.36	7.95	6.9	1.615	95.0	3.8	1.3	0.9
622	6/20/2014 1:46:11	17.94	52.15	34.39	7.35	7.96	7.6	1.656	95.3	3.1	1.1	0.7
623	6/20/2014 2:01:11	17.84	52.19	34.41	7.32	7.95	8.1	1.716	94.7	3.4	1.2	0.8
624	6/20/2014 2:16:11	17.62	52.13	34.37	7.31	7.94	8.2	1.799	94.2	3.5	1.2	0.8
625	6/20/2014 2:31:11	17.70	52.22	34.44	7.14	7.93	8.6	1.856	92.2	3.9	1.3	0.9
626	6/20/2014 2:46:11	17.90	52.20	34.43	6.97	7.92	10.1	1.913	90.4	3.9	1.3	0.9
627	6/20/2014 3:01:11	17.73	52.38	34.55	7.00	7.91	11.4	1.988	90.5	3.7	1.3	0.9
628	6/20/2014 3:16:11	17.37	52.13	34.37	7.09	7.91	11.9	2.056	90.9	4.2	1.4	1.0
629	6/20/2014 3:31:11	17.17	52.05	34.31	7.10	7.91	10.1	2.112	90.7	4.2	1.4	1.0
630	6/20/2014 3:46:11	16.86	52.07	34.32	7.14	7.90	11.5	2.173	90.7	3.8	1.3	0.9
631	6/20/2014 4:01:11	16.30	52.13	34.35	7.27	7.91	9.7	2.242	91.3	4.6	1.6	1.1
632	6/20/2014 4:16:11	15.86	51.70	34.03	7.41	7.91	8.9	2.298	92.0	5.0	1.7	1.2
633	6/20/2014 4:31:11	15.71	51.83	34.12	7.43	7.91	8.3	2.361	92.1	5.0	1.7	1.2
634	6/20/2014 4:46:11	15.50	51.87	34.14	7.47	7.91	7.8	2.406	92.2	4.8	1.6	1.1
635	6/20/2014 5:01:11	15.17	51.76	34.05	7.55	7.91	7.1	2.478	92.6	5.3	1.8	1.3
636	6/20/2014 5:16:11	15.05	51.64	33.96	7.57	7.92	7.0	2.533	92.6	5.7	1.9	1.3
637	6/20/2014 5:31:11	14.77	51.75	34.04	7.65	7.92	7.3	2.582	93.0	5.7	1.9	1.3
638	6/20/2014 5:46:11	14.62	51.67	33.97	7.66	7.92	6.5	2.628	92.8	5.4	1.8	1.3
639	6/20/2014 6:01:11	14.51	51.51	33.86	7.66	7.92	6.8	2.682	92.6	6.6	2.2	1.6
640	6/20/2014 6:16:11	14.41	51.70	33.99	7.64	7.92	6.3	2.725	92.3	7.3	2.5	1.7
641	6/20/2014 6:31:11	14.30	51.53	33.87	7.59	7.91	4.7	2.743	91.4	4.8	1.6	1.1
642	6/20/2014 6:46:11	15.18	51.37	33.77	7.16	7.89	6.0	2.764	87.7	5.4	1.8	1.3
643	6/20/2014 7:01:11	14.79	51.88	34.13	7.14	7.89	5.8	2.781	87.0	4.4	1.5	1.0
644	6/20/2014 7:16:12	14.62	51.82	34.09	7.09	7.89	4.5	2.770	86.0	4.8	1.6	1.1
645	6/20/2014 7:31:11	14.31	51.79	34.06	7.43	7.91	5.4	2.730	89.6	4.3	1.5	1.0
646	6/20/2014 7:46:12	14.47	51.73	34.02	7.25	7.90	5.0	2.695	87.6	3.9	1.3	0.9
647	6/20/2014 8:01:11	15.23	51.65	33.98	6.55	7.84	6.8	2.643	80.3	2.9	1.0	0.7
648	6/20/2014 8:16:11	15.13	51.86	34.13	6.73	7.85	9.5	2.575	82.5	3.5	1.2	0.8
649	6/20/2014 8:31:11	14.98	51.77	34.06	7.26	7.89	7.0	2.493	88.7	4.8	1.6	1.1
650	6/20/2014 8:46:11	15.09	51.77	34.06	7.35	7.90	5.9	2.415	89.9	3.9	1.3	0.9
651	6/20/2014 9:01:11	15.25	51.68	34.00	7.32	7.90	6.6	2.340	89.9	4.3	1.5	1.0
652	6/20/2014 9:16:11	15.53	51.71	34.03	7.10	7.89	8.2	2.256	87.7	3.4	1.2	0.8
653	6/20/2014 9:31:11	15.81	51.89	34.17	7.00	7.88	7.8	2.175	87.0	3.8	1.3	0.9
654	6/20/2014 9:46:11	16.12	51.69	34.02	6.68	7.86	8.1	2.093	83.5	3.1	1.1	0.7
655	6/20/2014 10:01:11	16.39	51.72	34.05	6.95	7.88	8.5	2.007	87.3	3.3	1.1	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
656	6/20/2014 10:16:12	16.31	51.90	34.18	7.43	7.92	7.2	1.912	93.3	2.6	0.9	0.6
657	6/20/2014 10:31:11	16.50	51.74	34.07	7.07	7.89	7.1	1.833	89.0	2.8	1.0	0.7
658	6/20/2014 10:46:11	16.58	51.98	34.25	6.90	7.89	5.6	1.761	87.1	3.2	1.1	0.8
659	6/20/2014 11:01:12	16.73	51.98	34.25	6.71	7.88	5.4	1.689	84.9	2.9	1.0	0.7
660	6/20/2014 11:16:12	16.76	51.92	34.21	7.25	7.92	5.7	1.617	91.8	2.2	0.7	0.5
661	6/20/2014 11:31:11	16.87	51.90	34.20	6.76	7.88	6.6	1.572	85.7	2.4	0.8	0.6
662	6/20/2014 11:46:11	16.87	51.88	34.18	6.64	7.88	5.0	1.524	84.2	2.4	0.8	0.6
663	6/20/2014 12:01:11	17.02	51.92	34.21	6.67	7.87	4.3	1.492	84.9	2.1	0.7	0.5
664	6/20/2014 12:16:11	17.05	51.90	34.19	5.64	7.82	2.9	1.473	71.8	1.9	0.6	0.4
665	6/20/2014 12:31:11	17.13	52.04	34.30	7.55	7.94	5.9	1.468	96.4	3.3	1.1	0.8
666	6/20/2014 12:46:11	17.29	52.04	34.30	7.50	7.94	5.5	1.488	96.0	2.9	1.0	0.7
667	6/20/2014 13:01:11	17.41	52.25	34.45	7.27	7.93	5.4	1.507	93.3	3.7	1.3	0.9
668	6/20/2014 13:16:11	17.43	51.95	34.23	7.15	7.92	6.8	1.543	91.7	2.7	0.9	0.6
669	6/20/2014 13:31:11	17.52	51.98	34.26	6.99	7.91	7.1	1.596	89.8	3.4	1.2	0.8
670	6/20/2014 13:46:11	17.56	52.09	34.34	6.89	7.90	6.1	1.669	88.6	3.9	1.3	0.9
671	6/20/2014 14:01:11	17.37	52.02	34.29	6.92	7.90	7.9	1.722	88.7	4.0	1.4	0.9
672	6/20/2014 14:16:11	17.27	52.06	34.32	6.91	7.89	6.4	1.798	88.5	3.8	1.3	0.9
673	6/20/2014 14:31:11	17.17	52.00	34.27	6.95	7.89	7.2	1.885	88.8	4.2	1.4	1.0
674	6/20/2014 14:46:11	17.14	52.03	34.29	6.94	7.89	7.2	1.952	88.6	4.3	1.5	1.0
675	6/20/2014 15:01:11	17.11	52.09	34.34	7.02	7.89	8.1	2.033	89.5	4.3	1.5	1.0
676	6/20/2014 15:16:11	17.04	51.92	34.21	7.07	7.89	7.9	2.112	90.0	4.0	1.4	0.9
677	6/20/2014 15:31:11	16.94	52.18	34.40	7.01	7.89	8.0	2.190	89.1	3.9	1.3	0.9
678	6/20/2014 15:46:11	16.53	52.07	34.31	7.23	7.90	9.8	2.277	91.2	5.2	1.8	1.2
679	6/20/2014 16:01:11	16.13	51.76	34.07	7.39	7.90	9.8	2.357	92.4	4.7	1.6	1.1
680	6/20/2014 16:16:11	15.95	51.87	34.15	7.52	7.91	11.1	2.443	93.7	5.5	1.9	1.3
681	6/20/2014 16:31:11	15.81	51.79	34.09	7.63	7.92	9.5	2.525	94.8	6.1	2.1	1.4
682	6/20/2014 16:46:12	15.63	51.83	34.12	7.69	7.92	14.9	2.606	95.2	5.3	1.8	1.3
683	6/20/2014 17:01:11	15.47	51.71	34.03	7.90	7.94	34.3	2.696	97.4	6.3	2.1	1.5
684	6/20/2014 17:16:11	15.15	51.64	33.97	7.97	7.94	21.2	2.779	97.7	6.3	2.1	1.5
685	6/20/2014 17:31:11	14.65	51.50	33.86	8.27	7.96	16.9	2.865	100.2	8.3	2.8	1.9
686	6/20/2014 17:46:12	14.21	51.61	33.92	8.47	7.98	11.6	2.948	101.8	8.6	2.9	2.0
687	6/20/2014 18:01:12	13.68	51.71	33.98	8.50	7.98	11.9	3.032	101.1	9.5	3.2	2.2
688	6/20/2014 18:16:12	13.05	51.53	33.82	8.73	8.00	10.4	3.106	102.4	12.0	4.1	2.8
689	6/20/2014 18:31:12	12.65	51.54	33.81	8.95	8.02	10.3	3.185	104.1	16.0	5.4	3.8
690	6/20/2014 18:46:12	12.49	51.53	33.80	9.09	8.03	8.6	3.248	105.4	14.4	4.9	3.4
691	6/20/2014 19:01:12	12.43	51.52	33.79	9.10	8.04	5.6	3.298	105.4	13.6	4.6	3.2
692	6/20/2014 19:16:12	12.39	51.59	33.83	9.08	8.04	4.8	3.336	105.1	18.9	6.4	4.4
693	6/20/2014 19:31:12	12.83	51.17	33.55	8.87	8.02	5.2	3.359	103.3	11.4	3.9	2.7
694	6/20/2014 19:46:12	12.58	51.49	33.77	8.94	8.03	4.6	3.365	103.9	13.7	4.7	3.2
695	6/20/2014 20:01:12	12.52	51.65	33.89	8.93	8.03	3.4	3.339	103.7	11.3	3.8	2.7
696	6/20/2014 20:16:12	12.57	51.44	33.74	8.97	8.03	5.5	3.298	104.1	13.3	4.5	3.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
697	6/20/2014 20:31:12	13.08	51.40	33.72	8.82	8.03	7.8	3.241	103.4	11.6	3.9	2.7
698	6/20/2014 20:46:11	13.28	51.44	33.76	8.73	8.02	9.4	3.156	102.9	10.1	3.4	2.4
699	6/20/2014 21:01:11	13.00	51.33	33.67	8.71	8.02	10.0	3.090	101.9	10.6	3.6	2.5
700	6/20/2014 21:16:12	13.09	51.66	33.92	8.58	8.01	9.7	2.987	100.8	10.4	3.5	2.4
701	6/20/2014 21:31:12	14.05	51.66	33.95	8.18	7.98	11.0	2.893	98.0	8.1	2.8	1.9
702	6/20/2014 21:46:12	15.12	51.66	33.98	7.88	7.96	11.8	2.809	96.5	6.8	2.3	1.6
703	6/20/2014 22:01:11	15.46	51.61	33.95	7.85	7.97	12.2	2.704	96.8	6.2	2.1	1.5
704	6/20/2014 22:16:12	15.85	51.82	34.12	7.67	7.96	12.8	2.622	95.4	5.9	2.0	1.4
705	6/20/2014 22:31:11	16.01	51.78	34.09	7.58	7.95	12.4	2.516	94.5	5.4	1.8	1.3
706	6/20/2014 22:46:11	16.22	51.68	34.02	7.43	7.93	10.2	2.431	93.0	4.5	1.5	1.1
707	6/20/2014 23:01:11	16.41	51.80	34.11	7.31	7.93	9.6	2.337	91.8	4.6	1.6	1.1
708	6/20/2014 23:16:11	16.35	51.88	34.17	7.19	7.92	8.7	2.229	90.3	4.1	1.4	1.0
709	6/20/2014 23:31:12	16.11	51.94	34.21	7.30	7.92	10.1	2.128	91.3	5.0	1.7	1.2
710	6/20/2014 23:46:12	16.06	51.79	34.10	7.19	7.92	10.0	2.011	89.7	4.8	1.6	1.1
711	6/21/2014 0:01:11	16.12	52.00	34.26	7.28	7.92	8.8	1.925	91.0	4.8	1.6	1.1
712	6/21/2014 0:16:11	16.27	51.98	34.24	7.15	7.92	9.0	1.836	89.7	4.2	1.4	1.0
713	6/21/2014 0:31:11	16.41	51.92	34.20	7.02	7.91	10.1	1.722	88.3	4.1	1.4	1.0
714	6/21/2014 0:46:11	16.74	52.07	34.32	6.98	7.91	9.5	1.656	88.4	3.8	1.3	0.9
715	6/21/2014 1:01:11	16.77	51.93	34.21	6.75	7.90	12.8	1.581	85.4	4.3	1.5	1.0
716	6/21/2014 1:16:11	16.98	51.88	34.18	6.81	7.91	8.7	1.509	86.5	3.7	1.3	0.9
717	6/21/2014 1:31:11	17.32	52.17	34.40	6.85	7.92	9.2	1.472	87.8	4.0	1.4	0.9
718	6/21/2014 1:46:11	17.60	51.91	34.21	6.96	7.94	8.6	1.430	89.5	3.8	1.3	0.9
719	6/21/2014 2:01:11	17.74	52.16	34.39	6.74	7.92	5.3	1.440	87.1	2.8	1.0	0.7
720	6/21/2014 2:16:11	17.64	52.17	34.40	6.79	7.93	6.7	1.422	87.5	3.6	1.2	0.8
721	6/21/2014 2:31:11	17.73	52.07	34.33	7.04	7.95	6.4	1.456	90.8	3.5	1.2	0.8
722	6/21/2014 2:46:11	17.65	52.11	34.36	6.98	7.94	7.1	1.497	90.0	3.4	1.2	0.8
723	6/21/2014 3:01:11	17.90	52.35	34.54	7.05	7.96	8.5	1.556	91.4	3.5	1.2	0.8
724	6/21/2014 3:16:11	17.85	51.89	34.20	7.04	7.95	8.7	1.608	91.0	3.3	1.1	0.8
725	6/21/2014 3:31:11	17.77	52.27	34.47	6.99	7.95	8.6	1.681	90.4	3.4	1.2	0.8
726	6/21/2014 3:46:11	17.68	52.28	34.48	6.99	7.94	8.8	1.762	90.3	3.6	1.2	0.8
727	6/21/2014 4:01:11	17.59	52.22	34.43	6.99	7.94	8.5	1.816	90.0	3.1	1.1	0.7
728	6/21/2014 4:16:11	17.58	52.23	34.45	6.92	7.93	9.4	1.886	89.1	3.1	1.1	0.7
729	6/21/2014 4:31:11	17.49	52.16	34.39	6.89	7.92	9.1	1.952	88.5	3.6	1.2	0.9
730	6/21/2014 4:46:11	17.45	52.19	34.41	6.91	7.92	9.2	2.031	88.7	4.0	1.4	0.9
731	6/21/2014 5:01:11	17.11	52.18	34.40	6.92	7.91	12.0	2.079	88.3	3.8	1.3	0.9
732	6/21/2014 5:16:11	16.48	52.12	34.35	7.11	7.91	9.5	2.145	89.6	4.2	1.4	1.0
733	6/21/2014 5:31:11	16.09	51.88	34.17	7.23	7.91	9.2	2.214	90.3	4.3	1.5	1.0
734	6/21/2014 5:46:11	15.89	51.93	34.20	7.26	7.91	7.9	2.270	90.4	3.8	1.3	0.9
735	6/21/2014 6:01:12	15.61	52.01	34.25	7.32	7.91	7.3	2.342	90.7	4.6	1.6	1.1
736	6/21/2014 6:16:11	15.41	51.84	34.12	7.37	7.92	7.3	2.392	90.8	4.4	1.5	1.0
737	6/21/2014 6:31:11	15.29	51.75	34.05	7.39	7.92	7.5	2.455	90.8	5.3	1.8	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
738	6/21/2014 6:46:11	15.08	51.82	34.10	7.47	7.92	7.7	2.508	91.5	4.6	1.6	1.1
739	6/21/2014 7:01:11	14.90	51.79	34.07	7.51	7.92	8.1	2.553	91.6	4.9	1.7	1.1
740	6/21/2014 7:16:11	14.83	51.74	34.03	7.49	7.92	7.3	2.601	91.2	3.8	1.3	0.9
741	6/21/2014 7:31:12	14.72	51.71	34.00	7.50	7.92	6.8	2.643	91.2	5.3	1.8	1.2
742	6/21/2014 7:46:12	14.62	51.81	34.08	7.42	7.92	5.1	2.666	90.0	3.7	1.3	0.9
743	6/21/2014 8:01:12	14.51	51.83	34.09	7.45	7.93	5.9	2.694	90.1	3.7	1.3	0.9
744	6/21/2014 8:16:11	15.52	51.61	33.95	7.14	7.91	5.8	2.707	88.0	4.5	1.5	1.1
745	6/21/2014 8:31:11	15.00	51.92	34.17	7.03	7.90	5.1	2.715	86.0	4.1	1.4	1.0
746	6/21/2014 8:46:12	14.81	51.78	34.06	7.05	7.90	4.6	2.685	85.8	3.2	1.1	0.7
747	6/21/2014 9:01:12	14.59	51.83	34.09	7.20	7.91	3.6	2.665	87.3	4.1	1.4	1.0
748	6/21/2014 9:16:12	14.68	51.81	34.08	7.21	7.91	4.3	2.615	87.5	3.5	1.2	0.8
749	6/21/2014 9:31:12	15.18	51.81	34.09	7.26	7.91	5.4	2.554	89.0	3.2	1.1	0.8
750	6/21/2014 9:46:12	15.35	51.92	34.18	7.41	7.93	7.1	2.493	91.3	4.3	1.5	1.0
751	6/21/2014 10:01:12	15.36	51.76	34.06	7.58	7.94	6.5	2.422	93.3	3.4	1.2	0.8
752	6/21/2014 10:16:12	15.48	51.82	34.11	7.68	7.94	5.8	2.356	94.7	3.6	1.2	0.8
753	6/21/2014 10:31:12	15.66	51.85	34.13	7.59	7.94	6.1	2.273	94.1	2.6	0.9	0.6
754	6/21/2014 10:46:11	15.88	51.79	34.10	7.67	7.94	7.4	2.198	95.4	3.5	1.2	0.8
755	6/21/2014 11:01:11	16.19	51.72	34.05	7.35	7.92	6.6	2.129	92.0	3.6	1.2	0.8
756	6/21/2014 11:16:12	16.58	51.88	34.17	7.24	7.91	6.9	2.060	91.3	3.4	1.2	0.8
757	6/21/2014 11:31:11	16.85	51.97	34.24	7.19	7.91	6.5	1.988	91.2	3.0	1.0	0.7
758	6/21/2014 11:46:11	17.07	52.07	34.32	7.29	7.92	6.1	1.924	92.9	2.3	0.8	0.5
759	6/21/2014 12:01:11	17.14	51.94	34.23	6.88	7.90	4.0	1.863	87.8	2.1	0.7	0.5
760	6/21/2014 12:16:11	17.31	51.94	34.23	7.24	7.93	5.2	1.806	92.7	2.5	0.9	0.6
761	6/21/2014 12:31:11	17.37	51.96	34.24	6.80	7.90	4.4	1.755	87.1	2.7	0.9	0.6
762	6/21/2014 12:46:11	17.42	51.84	34.15	6.67	7.89	4.0	1.700	85.5	2.3	0.8	0.5
763	6/21/2014 13:01:11	17.54	51.99	34.27	6.58	7.90	3.4	1.683	84.5	2.9	1.0	0.7
764	6/21/2014 13:16:11	17.72	52.16	34.39	7.04	7.93	5.1	1.671	90.9	2.5	0.9	0.6
765	6/21/2014 13:31:11	17.60	52.01	34.28	7.62	7.95	4.7	1.648	98.1	3.0	1.0	0.7
766	6/21/2014 13:46:11	17.55	51.94	34.23	7.76	7.95	5.6	1.657	99.8	2.9	1.0	0.7
767	6/21/2014 14:01:11	17.58	52.24	34.45	7.35	7.94	5.4	1.698	94.7	3.2	1.1	0.7
768	6/21/2014 14:16:11	17.54	52.02	34.29	7.49	7.95	6.0	1.716	96.3	3.3	1.1	0.8
769	6/21/2014 14:31:11	17.70	52.13	34.37	7.44	7.95	6.1	1.751	96.0	3.5	1.2	0.8
770	6/21/2014 14:46:11	17.73	52.19	34.41	7.35	7.94	6.4	1.812	94.9	4.2	1.4	1.0
771	6/21/2014 15:01:11	17.50	52.03	34.30	7.35	7.93	8.4	1.877	94.4	4.4	1.5	1.0
772	6/21/2014 15:16:11	17.38	52.10	34.34	7.36	7.93	7.9	1.949	94.3	4.6	1.6	1.1
773	6/21/2014 15:31:11	17.23	52.09	34.34	7.36	7.92	7.2	2.016	94.0	4.5	1.5	1.1
774	6/21/2014 15:46:11	17.06	52.05	34.30	7.48	7.93	7.9	2.090	95.3	5.4	1.8	1.3
775	6/21/2014 16:01:11	16.82	51.77	34.10	7.83	7.95	7.7	2.173	99.2	5.5	1.9	1.3
776	6/21/2014 16:16:11	16.71	51.95	34.23	7.81	7.95	7.9	2.248	98.8	4.8	1.6	1.1
777	6/21/2014 16:31:11	16.47	51.82	34.13	7.84	7.95	7.9	2.320	98.7	5.8	2.0	1.4
778	6/21/2014 16:46:11	16.18	51.62	33.98	7.93	7.95	8.2	2.404	99.1	6.0	2.0	1.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
779	6/21/2014 17:01:11	15.87	51.71	34.04	7.93	7.95	8.0	2.474	98.6	6.1	2.1	1.4
780	6/21/2014 17:16:12	15.72	51.74	34.06	7.93	7.95	8.3	2.564	98.3	5.9	2.0	1.4
781	6/21/2014 17:31:11	15.60	51.80	34.09	7.95	7.95	8.0	2.635	98.3	6.0	2.0	1.4
782	6/21/2014 17:46:11	15.36	51.59	33.94	8.15	7.97	9.5	2.715	100.2	7.3	2.5	1.7
783	6/21/2014 18:01:11	15.06	51.50	33.86	8.36	7.98	9.5	2.805	102.2	7.2	2.4	1.7
784	6/21/2014 18:16:11	14.55	51.67	33.98	8.63	8.00	9.5	2.884	104.5	8.0	2.7	1.9
785	6/21/2014 18:31:11	14.14	51.62	33.92	8.99	8.02	11.2	2.974	107.9	9.8	3.3	2.3
786	6/21/2014 18:46:11	13.83	51.51	33.83	9.38	8.05	10.5	3.052	111.8	12.4	4.2	2.9
787	6/21/2014 19:01:11	13.52	51.39	33.73	9.54	8.06	10.9	3.133	112.9	15.2	5.2	3.6
788	6/21/2014 19:16:11	13.04	51.26	33.62	9.70	8.07	10.6	3.211	113.6	16.6	5.6	3.9
789	6/21/2014 19:31:12	12.71	51.57	33.84	9.95	8.09	10.1	3.274	115.9	17.6	6.0	4.1
790	6/21/2014 19:46:11	12.50	51.41	33.70	10.08	8.10	6.4	3.323	116.8	24.7	8.4	5.8
791	6/21/2014 20:01:11	12.42	51.52	33.79	10.12	8.11	5.6	3.372	117.1	17.4	5.9	4.1
792	6/21/2014 20:16:11	12.38	51.53	33.79	10.00	8.10	4.5	3.399	115.7	11.7	4.0	2.8
793	6/21/2014 20:31:12	12.42	51.45	33.73	9.58	8.08	3.8	3.410	110.9	25.0	8.5	5.9
794	6/21/2014 20:46:11	12.68	51.43	33.73	9.69	8.09	4.8	3.396	112.7	19.6	6.7	4.6
795	6/21/2014 21:01:11	12.53	51.52	33.79	9.82	8.10	4.2	3.367	113.9	17.1	5.8	4.0
796	6/21/2014 21:16:11	12.61	51.32	33.64	9.83	8.08	6.5	3.316	114.1	16.3	5.5	3.8
797	6/21/2014 21:31:11	13.19	51.53	33.83	9.42	8.06	6.7	3.248	110.8	14.7	5.0	3.5
798	6/21/2014 21:46:11	13.65	51.59	33.88	9.11	8.05	9.7	3.164	108.2	12.1	4.1	2.8
799	6/21/2014 22:01:11	13.21	51.36	33.70	9.32	8.06	9.8	3.058	109.6	14.9	5.1	3.5
800	6/21/2014 22:16:12	14.76	51.65	33.96	8.69	8.03	8.3	2.978	105.7	8.3	2.8	2.0
801	6/21/2014 22:31:11	14.87	51.61	33.94	8.69	8.03	9.0	2.888	105.8	8.2	2.8	1.9
802	6/21/2014 22:46:11	14.85	51.62	33.95	8.67	8.03	8.3	2.790	105.6	7.7	2.6	1.8
803	6/21/2014 23:01:12	15.01	51.64	33.96	8.48	8.01	7.5	2.681	103.5	6.5	2.2	1.5
804	6/21/2014 23:16:11	15.24	51.52	33.88	8.33	8.00	7.5	2.583	102.2	6.1	2.1	1.4
805	6/21/2014 23:31:11	15.61	51.74	34.05	7.99	7.98	8.2	2.485	98.8	4.8	1.6	1.1
806	6/21/2014 23:46:11	16.00	51.87	34.16	7.63	7.95	6.9	2.389	95.2	4.2	1.4	1.0
807	6/22/2014 0:01:11	16.04	51.60	33.96	7.76	7.96	7.2	2.262	96.8	5.6	1.9	1.3
808	6/22/2014 0:16:11	15.90	51.66	34.00	7.55	7.94	8.2	2.151	93.9	4.6	1.6	1.1
809	6/22/2014 0:31:12	15.98	51.86	34.14	7.65	7.96	8.4	2.048	95.4	5.0	1.7	1.2
810	6/22/2014 0:46:12	15.94	51.94	34.20	7.54	7.95	8.0	1.920	94.0	5.1	1.7	1.2
811	6/22/2014 1:01:11	16.35	51.58	33.95	7.50	7.95	8.5	1.805	94.1	4.8	1.6	1.1
812	6/22/2014 1:16:11	16.42	51.83	34.13	7.51	7.95	8.5	1.706	94.4	4.2	1.4	1.0
813	6/22/2014 1:31:11	16.71	51.96	34.24	7.28	7.94	11.8	1.595	92.1	4.3	1.5	1.0
814	6/22/2014 1:46:11	17.13	51.89	34.19	7.29	7.95	6.9	1.506	92.9	3.9	1.3	0.9
815	6/22/2014 2:01:11	17.32	52.01	34.28	7.26	7.95	6.4	1.418	93.0	4.0	1.4	1.0
816	6/22/2014 2:16:11	17.52	52.09	34.34	7.33	7.96	6.7	1.340	94.3	3.5	1.2	0.8
817	6/22/2014 2:31:11	17.84	52.14	34.38	7.40	7.98	6.1	1.314	95.8	3.7	1.3	0.9
818	6/22/2014 2:46:11	18.07	51.84	34.16	7.37	7.99	5.6	1.278	95.6	3.1	1.1	0.7
819	6/22/2014 3:01:11	18.16	52.17	34.40	7.01	7.97	3.6	1.269	91.2	3.4	1.2	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
820	6/22/2014 3:16:11	18.02	52.07	34.33	7.36	7.99	4.9	1.285	95.6	3.0	1.0	0.7
821	6/22/2014 3:31:11	18.22	52.11	34.36	7.69	8.01	4.8	1.315	100.2	2.9	1.0	0.7
822	6/22/2014 3:46:11	18.11	52.11	34.36	7.62	8.00	6.2	1.351	99.1	3.3	1.1	0.8
823	6/22/2014 4:01:11	18.26	52.04	34.31	7.71	8.01	5.9	1.400	100.5	3.3	1.1	0.8
824	6/22/2014 4:16:11	18.15	52.09	34.35	7.65	8.00	6.5	1.458	99.6	2.9	1.0	0.7
825	6/22/2014 4:31:11	18.06	52.13	34.38	7.63	8.00	6.4	1.534	99.1	3.8	1.3	0.9
826	6/22/2014 4:46:11	17.96	52.16	34.39	7.58	7.99	6.7	1.601	98.3	3.2	1.1	0.8
827	6/22/2014 5:01:11	17.85	52.22	34.44	7.53	7.98	6.3	1.655	97.4	3.6	1.2	0.8
828	6/22/2014 5:16:11	17.92	52.18	34.41	7.35	7.97	7.5	1.738	95.3	3.4	1.2	0.8
829	6/22/2014 5:31:11	17.85	52.31	34.50	7.27	7.96	8.1	1.812	94.2	4.1	1.4	1.0
830	6/22/2014 5:46:11	17.77	52.13	34.37	7.25	7.96	8.0	1.882	93.7	3.9	1.3	0.9
831	6/22/2014 6:01:11	17.73	52.22	34.44	7.22	7.95	8.4	1.946	93.3	3.5	1.2	0.8
832	6/22/2014 6:16:11	17.22	52.10	34.34	7.28	7.94	16.1	2.022	93.1	3.9	1.3	0.9
833	6/22/2014 6:31:11	16.74	51.91	34.20	7.35	7.94	7.2	2.089	93.0	3.6	1.2	0.8
834	6/22/2014 6:46:11	16.45	51.97	34.24	7.39	7.93	5.9	2.157	93.1	4.4	1.5	1.0
835	6/22/2014 7:01:11	16.27	51.82	34.12	7.41	7.93	6.1	2.227	92.9	4.0	1.4	0.9
836	6/22/2014 7:16:11	15.97	51.85	34.14	7.50	7.93	6.9	2.289	93.4	4.3	1.5	1.0
837	6/22/2014 7:31:11	15.85	51.75	34.07	7.52	7.94	6.1	2.352	93.5	4.5	1.5	1.1
838	6/22/2014 7:46:12	15.62	51.84	34.13	7.62	7.94	5.9	2.416	94.3	5.0	1.7	1.2
839	6/22/2014 8:01:11	15.50	51.56	33.92	7.66	7.95	6.5	2.474	94.4	5.4	1.8	1.3
840	6/22/2014 8:16:11	15.38	51.54	33.90	7.70	7.95	6.1	2.521	94.7	4.7	1.6	1.1
841	6/22/2014 8:31:11	15.31	51.64	33.97	7.72	7.95	5.2	2.577	94.8	5.1	1.7	1.2
842	6/22/2014 8:46:11	15.15	51.61	33.94	7.77	7.95	5.4	2.621	95.2	4.2	1.4	1.0
843	6/22/2014 9:01:11	15.00	51.66	33.98	7.81	7.96	4.7	2.657	95.4	4.5	1.5	1.1
844	6/22/2014 9:16:11	14.90	51.73	34.03	7.72	7.95	3.1	2.674	94.1	5.6	1.9	1.3
845	6/22/2014 9:31:11	15.38	51.66	33.99	7.42	7.93	3.9	2.708	91.3	3.8	1.3	0.9
846	6/22/2014 9:46:11	15.19	51.94	34.19	7.28	7.92	5.0	2.713	89.4	4.6	1.6	1.1
847	6/22/2014 10:01:11	15.08	51.65	33.98	7.48	7.94	3.6	2.689	91.5	3.6	1.2	0.8
848	6/22/2014 10:16:11	14.89	51.58	33.92	7.66	7.94	3.7	2.670	93.3	4.1	1.4	1.0
849	6/22/2014 10:31:11	14.98	51.60	33.94	7.58	7.94	3.7	2.636	92.5	4.3	1.5	1.0
850	6/22/2014 10:46:11	15.78	51.76	34.07	7.73	7.96	4.6	2.588	96.0	3.1	1.1	0.7
851	6/22/2014 11:01:11	15.79	51.53	33.91	7.98	7.97	5.6	2.517	98.9	3.8	1.3	0.9
852	6/22/2014 11:16:11	15.72	51.69	34.01	7.89	7.97	5.9	2.453	97.7	4.1	1.4	1.0
853	6/22/2014 11:31:11	15.87	51.47	33.86	7.85	7.96	5.7	2.381	97.4	5.0	1.7	1.2
854	6/22/2014 11:46:11	16.09	51.64	33.99	7.76	7.95	4.9	2.311	96.8	3.1	1.1	0.7
855	6/22/2014 12:01:11	16.38	51.55	33.93	7.72	7.96	9.1	2.242	96.8	3.8	1.3	0.9
856	6/22/2014 12:16:11	16.58	51.68	34.02	7.58	7.95	5.4	2.169	95.5	3.7	1.3	0.9
857	6/22/2014 12:31:11	16.86	51.72	34.06	7.32	7.93	4.7	2.114	92.8	3.1	1.1	0.7
858	6/22/2014 12:46:11	17.08	51.76	34.09	7.13	7.92	4.8	2.061	90.8	2.8	1.0	0.6
859	6/22/2014 13:01:11	17.33	51.63	34.00	7.22	7.93	6.0	1.990	92.3	2.8	1.0	0.7
860	6/22/2014 13:16:11	17.50	51.77	34.10	7.22	7.94	4.4	1.932	92.7	2.6	0.9	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
861	6/22/2014 13:31:11	17.69	51.76	34.09	7.29	7.94	4.0	1.891	93.8	2.8	1.0	0.7
862	6/22/2014 13:46:11	17.59	51.80	34.13	7.23	7.94	4.6	1.839	93.0	7.8	2.7	1.8
863	6/22/2014 14:01:11	17.81	51.83	34.15	7.44	7.95	4.5	1.804	96.0	2.3	0.8	0.5
864	6/22/2014 14:16:11	17.81	51.87	34.18	6.92	7.92	3.1	1.782	89.4	2.5	0.9	0.6
865	6/22/2014 14:31:11	17.95	51.85	34.17	8.06	7.99	5.0	1.779	104.4	5.9	2.0	1.4
866	6/22/2014 14:46:11	17.79	51.75	34.09	7.98	7.98	5.6	1.780	103.0	3.8	1.3	0.9
867	6/22/2014 15:01:11	17.93	51.90	34.21	7.96	7.99	5.4	1.806	103.0	4.2	1.4	1.0
868	6/22/2014 15:16:11	17.88	51.87	34.18	7.97	7.98	5.6	1.834	103.1	4.4	1.5	1.0
869	6/22/2014 15:31:11	18.08	51.71	34.06	8.05	7.99	5.5	1.873	104.4	4.1	1.4	1.0
870	6/22/2014 15:46:11	18.03	51.97	34.26	8.02	7.99	6.4	1.940	104.1	5.0	1.7	1.2
871	6/22/2014 16:01:11	17.72	51.86	34.17	7.90	7.97	7.2	1.993	101.8	4.6	1.6	1.1
872	6/22/2014 16:16:11	17.64	51.87	34.18	7.94	7.97	6.5	2.050	102.2	5.2	1.8	1.2
873	6/22/2014 16:31:11	17.43	51.88	34.18	8.12	7.98	7.4	2.123	104.2	4.6	1.6	1.1
874	6/22/2014 16:46:12	17.16	51.82	34.14	8.23	7.99	7.6	2.196	104.9	6.1	2.1	1.4
875	6/22/2014 17:01:11	16.94	51.81	34.13	8.44	8.00	6.8	2.260	107.2	6.9	2.3	1.6
876	6/22/2014 17:16:11	16.83	51.61	33.98	8.32	7.99	7.0	2.334	105.4	6.8	2.3	1.6
877	6/22/2014 17:31:11	16.59	51.63	33.99	8.32	7.99	7.0	2.405	104.9	6.2	2.1	1.4
878	6/22/2014 17:46:12	16.15	51.57	33.94	8.30	7.98	7.2	2.484	103.7	7.0	2.4	1.6
879	6/22/2014 18:01:11	15.92	51.41	33.81	8.37	7.99	7.0	2.564	104.0	6.7	2.3	1.6
880	6/22/2014 18:16:11	15.67	51.44	33.84	8.37	7.99	8.3	2.639	103.5	7.0	2.4	1.6
881	6/22/2014 18:31:11	15.41	51.34	33.75	8.49	7.99	8.1	2.719	104.4	7.5	2.6	1.8
882	6/22/2014 18:46:11	15.00	51.50	33.86	8.57	8.00	10.4	2.799	104.6	7.7	2.6	1.8
883	6/22/2014 19:01:12	14.83	51.47	33.83	8.87	8.02	13.9	2.876	107.8	8.9	3.0	2.1
884	6/22/2014 19:16:11	14.39	51.47	33.82	9.18	8.05	9.1	2.965	110.7	9.2	3.1	2.2
885	6/22/2014 19:31:11	14.08	51.26	33.66	9.52	8.07	10.1	3.047	113.9	10.8	3.7	2.5
886	6/22/2014 19:46:11	13.71	51.36	33.72	9.79	8.09	10.6	3.124	116.3	16.7	5.7	3.9
887	6/22/2014 20:01:11	13.23	51.40	33.73	9.71	8.08	9.4	3.206	114.3	14.7	5.0	3.5
888	6/22/2014 20:16:11	12.83	51.33	33.66	9.57	8.07	8.4	3.275	111.7	17.7	6.0	4.2
889	6/22/2014 20:31:11	12.51	51.22	33.57	9.46	8.06	7.0	3.326	109.6	17.5	6.0	4.1
890	6/22/2014 20:46:11	12.35	51.37	33.67	9.48	8.06	5.4	3.376	109.5	17.5	6.0	4.1
891	6/22/2014 21:01:12	12.25	51.30	33.62	9.54	8.07	5.6	3.413	109.9	15.4	5.2	3.6
892	6/22/2014 21:16:12	12.23	51.19	33.53	9.10	8.05	3.6	3.427	104.7	16.0	5.4	3.8
893	6/22/2014 21:31:11	12.56	51.23	33.58	9.28	8.06	4.8	3.421	107.6	13.7	4.7	3.2
894	6/22/2014 21:46:12	12.38	51.32	33.64	9.30	8.06	3.9	3.402	107.5	14.1	4.8	3.3
895	6/22/2014 22:01:12	12.46	51.17	33.53	9.23	8.06	4.0	3.352	106.8	15.6	5.3	3.7
896	6/22/2014 22:16:11	12.98	51.03	33.45	9.05	8.04	4.6	3.300	105.8	12.0	4.1	2.8
897	6/22/2014 22:31:12	13.86	51.22	33.62	8.92	8.05	5.7	3.211	106.3	10.1	3.4	2.4
898	6/22/2014 22:46:12	13.53	51.22	33.61	8.96	8.05	8.7	3.112	106.0	13.2	4.5	3.1
899	6/22/2014 23:01:12	14.58	51.27	33.68	8.60	8.03	6.5	3.039	103.9	9.4	3.2	2.2
900	6/22/2014 23:16:11	14.82	51.20	33.64	8.87	8.04	6.1	2.927	107.7	10.1	3.4	2.4
901	6/22/2014 23:31:11	14.97	51.32	33.73	8.81	8.04	6.8	2.820	107.4	8.8	3.0	2.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
902	6/22/2014 23:46:11	14.98	51.34	33.75	8.82	8.04	7.0	2.707	107.5	9.6	3.3	2.2
903	6/23/2014 0:01:11	15.23	51.26	33.69	8.58	8.03	6.8	2.608	105.1	7.8	2.7	1.8
904	6/23/2014 0:16:11	15.79	51.22	33.68	8.05	7.99	7.0	2.505	99.7	5.7	1.9	1.3
905	6/23/2014 0:31:11	16.13	51.44	33.84	7.91	7.98	6.7	2.394	98.8	5.3	1.8	1.3
906	6/23/2014 0:46:11	16.37	51.58	33.95	7.68	7.96	8.0	2.262	96.3	4.5	1.5	1.1
907	6/23/2014 1:01:11	16.28	51.69	34.03	7.85	7.98	17.8	2.156	98.4	5.3	1.8	1.3
908	6/23/2014 1:16:12	16.11	51.75	34.07	7.70	7.96	8.1	2.044	96.2	5.0	1.7	1.2
909	6/23/2014 1:31:12	16.52	51.69	34.03	7.75	7.97	8.6	1.910	97.5	4.1	1.4	1.0
910	6/23/2014 1:46:11	16.62	51.62	33.98	7.78	7.98	8.7	1.791	98.1	4.3	1.5	1.0
911	6/23/2014 2:01:11	17.07	51.61	33.98	7.68	7.98	8.7	1.667	97.7	3.9	1.3	0.9
912	6/23/2014 2:16:11	17.20	51.64	34.01	7.63	7.98	8.3	1.555	97.3	4.0	1.4	0.9
913	6/23/2014 2:31:11	17.29	51.63	34.00	7.44	7.96	7.8	1.442	95.0	3.7	1.3	0.9
914	6/23/2014 2:46:11	17.37	51.77	34.10	7.40	7.96	9.0	1.330	94.7	3.8	1.3	0.9
915	6/23/2014 3:01:11	17.51	51.78	34.11	7.33	7.96	9.7	1.244	94.1	4.2	1.4	1.0
916	6/23/2014 3:16:11	17.92	51.90	34.20	7.31	7.97	6.1	1.180	94.7	7.2	2.4	1.7
917	6/23/2014 3:31:11	17.91	51.82	34.14	7.30	7.97	5.5	1.127	94.4	3.2	1.1	0.8
918	6/23/2014 3:46:11	18.45	51.82	34.15	7.43	8.00	5.1	1.092	97.1	4.7	1.6	1.1
919	6/23/2014 4:01:11	18.72	51.77	34.11	7.18	7.98	4.0	1.097	94.3	3.3	1.1	0.8
920	6/23/2014 4:16:11	18.82	51.74	34.09	7.65	8.02	4.7	1.127	100.7	3.5	1.2	0.8
921	6/23/2014 4:31:11	18.87	51.99	34.28	7.82	8.03	4.6	1.151	103.0	3.8	1.3	0.9
922	6/23/2014 4:46:11	18.75	52.09	34.35	7.77	8.03	8.1	1.221	102.3	3.4	1.2	0.8
923	6/23/2014 5:01:11	18.81	52.06	34.32	7.85	8.03	8.1	1.280	103.3	3.3	1.1	0.8
924	6/23/2014 5:16:11	18.68	52.08	34.34	7.79	8.02	8.0	1.348	102.4	3.7	1.3	0.9
925	6/23/2014 5:31:11	18.53	52.06	34.33	7.67	8.01	7.9	1.429	100.6	3.4	1.2	0.8
926	6/23/2014 5:46:11	18.43	51.98	34.26	7.66	8.00	5.4	1.498	100.2	3.1	1.1	0.7
927	6/23/2014 6:01:11	18.40	52.09	34.35	7.60	8.00	6.0	1.568	99.3	3.1	1.1	0.7
928	6/23/2014 6:16:11	18.34	51.86	34.17	7.49	7.99	6.4	1.646	97.8	3.1	1.1	0.7
929	6/23/2014 6:31:11	18.32	52.00	34.28	7.31	7.97	8.0	1.724	95.4	3.4	1.2	0.8
930	6/23/2014 6:46:11	18.18	51.93	34.22	7.34	7.97	8.5	1.804	95.4	3.6	1.2	0.8
931	6/23/2014 7:01:11	18.11	52.01	34.29	7.30	7.96	7.8	1.870	94.9	3.4	1.2	0.8
932	6/23/2014 7:16:11	17.72	51.98	34.26	7.37	7.96	8.8	1.958	95.1	3.5	1.2	0.8
933	6/23/2014 7:31:11	17.17	51.84	34.15	7.44	7.95	7.6	2.044	94.9	4.2	1.4	1.0
934	6/23/2014 7:46:11	16.96	51.58	33.96	7.43	7.94	7.2	2.116	94.3	3.7	1.3	0.9
935	6/23/2014 8:01:11	16.77	51.86	34.16	7.45	7.94	6.6	2.190	94.3	3.6	1.2	0.8
936	6/23/2014 8:16:12	16.54	51.59	33.96	7.51	7.94	7.6	2.276	94.5	4.1	1.4	1.0
937	6/23/2014 8:31:11	16.29	51.58	33.95	7.61	7.95	8.9	2.343	95.3	4.4	1.5	1.0
938	6/23/2014 8:46:11	16.13	51.59	33.95	7.67	7.95	8.4	2.407	95.8	4.0	1.4	0.9
939	6/23/2014 9:01:11	16.03	51.38	33.79	7.73	7.95	8.2	2.472	96.2	5.1	1.7	1.2
940	6/23/2014 9:16:11	15.90	51.57	33.93	7.74	7.96	6.5	2.543	96.2	4.8	1.6	1.1
941	6/23/2014 9:31:11	15.73	51.49	33.87	7.80	7.96	6.8	2.596	96.6	5.0	1.7	1.2
942	6/23/2014 9:46:12	15.39	51.56	33.91	7.88	7.96	6.4	2.642	96.9	4.7	1.6	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
943	6/23/2014 10:01:11	15.19	51.43	33.82	8.00	7.96	5.9	2.690	97.9	6.2	2.1	1.5
944	6/23/2014 10:16:11	15.09	51.38	33.77	8.02	7.97	5.0	2.730	98.0	5.4	1.8	1.3
945	6/23/2014 10:31:11	14.88	51.49	33.85	7.98	7.94	3.6	2.758	97.2	5.3	1.8	1.3
946	6/23/2014 10:46:11	15.99	51.26	33.71	7.88	7.98	5.3	2.764	98.0	4.7	1.6	1.1
947	6/23/2014 11:01:12	15.09	51.52	33.88	7.83	7.97	3.9	2.778	95.8	4.1	1.4	1.0
948	6/23/2014 11:16:11	15.14	51.42	33.80	7.65	7.95	3.4	2.762	93.7	5.6	1.9	1.3
949	6/23/2014 11:31:11	15.06	51.47	33.84	7.77	7.96	4.0	2.714	95.0	4.8	1.6	1.1
950	6/23/2014 11:46:12	15.29	51.48	33.85	7.89	7.97	3.9	2.685	96.8	5.1	1.7	1.2
951	6/23/2014 12:01:12	15.54	51.53	33.89	7.97	7.97	4.9	2.631	98.3	4.2	1.4	1.0
952	6/23/2014 12:16:11	15.80	51.43	33.83	8.03	7.98	6.4	2.554	99.6	3.7	1.3	0.9
953	6/23/2014 12:31:11	16.15	51.41	33.82	8.16	7.98	6.3	2.492	101.8	3.9	1.3	0.9
954	6/23/2014 12:46:11	16.38	51.45	33.85	7.93	7.97	5.1	2.408	99.5	4.0	1.4	0.9
955	6/23/2014 13:01:11	16.67	51.52	33.91	8.01	7.98	6.4	2.349	101.1	3.5	1.2	0.8
956	6/23/2014 13:16:11	16.90	51.61	33.98	7.76	7.96	5.5	2.281	98.4	3.5	1.2	0.8
957	6/23/2014 13:31:11	17.19	51.55	33.94	7.87	7.97	5.3	2.194	100.3	2.8	1.0	0.7
958	6/23/2014 13:46:11	17.60	51.69	34.04	7.81	7.97	5.4	2.146	100.3	4.0	1.4	0.9
959	6/23/2014 14:01:11	17.79	51.63	34.00	7.66	7.96	5.4	2.091	98.8	3.0	1.0	0.7
960	6/23/2014 14:16:11	17.99	51.71	34.07	7.47	7.95	4.5	2.032	96.8	3.2	1.1	0.7
961	6/23/2014 14:31:11	18.23	51.79	34.12	7.82	7.98	4.9	1.982	101.8	2.9	1.0	0.7
962	6/23/2014 14:46:11	18.30	51.70	34.05	7.90	7.97	3.6	1.944	102.9	2.6	0.9	0.6
963	6/23/2014 15:01:11	18.43	51.85	34.17	7.40	7.96	3.8	1.903	96.8	3.2	1.1	0.8
964	6/23/2014 15:16:11	18.48	51.68	34.04	7.41	7.97	3.6	1.880	96.8	2.9	1.0	0.7
965	6/23/2014 15:31:11	18.61	51.91	34.21	6.91	7.94	2.9	1.877	90.6	2.0	0.7	0.5
966	6/23/2014 15:46:11	18.41	51.94	34.23	8.41	8.02	5.3	1.881	109.9	4.1	1.4	1.0
967	6/23/2014 16:01:11	18.52	51.81	34.14	8.14	8.01	4.8	1.896	106.5	4.1	1.4	1.0
968	6/23/2014 16:16:11	18.35	51.82	34.15	8.16	8.01	4.3	1.915	106.4	4.2	1.4	1.0
969	6/23/2014 16:31:11	18.48	51.56	33.95	8.28	8.01	5.0	1.967	108.2	4.1	1.4	1.0
970	6/23/2014 16:46:11	18.39	51.61	33.99	8.31	8.01	5.8	2.031	108.4	4.7	1.6	1.1
971	6/23/2014 17:01:11	18.11	51.67	34.04	8.22	8.00	6.1	2.079	106.6	4.5	1.5	1.1
972	6/23/2014 17:16:11	18.30	51.83	34.16	8.35	8.00	5.6	2.149	108.8	5.1	1.7	1.2
973	6/23/2014 17:31:11	18.11	51.79	34.12	8.44	8.01	6.7	2.234	109.5	5.2	1.8	1.2
974	6/23/2014 17:46:11	17.67	51.66	34.03	8.68	8.02	6.8	2.300	111.8	6.0	2.0	1.4
975	6/23/2014 18:01:11	17.58	51.60	33.98	8.62	8.02	6.5	2.373	110.7	6.1	2.1	1.4
976	6/23/2014 18:16:11	17.42	51.62	33.99	8.51	8.01	6.2	2.449	109.0	6.0	2.0	1.4
977	6/23/2014 18:31:12	17.00	51.69	34.04	8.46	8.01	6.8	2.524	107.5	6.2	2.1	1.5
978	6/23/2014 18:46:11	16.43	51.54	33.92	8.44	8.00	6.8	2.600	106.0	6.2	2.1	1.5
979	6/23/2014 19:01:11	15.94	51.45	33.85	8.42	8.00	6.5	2.680	104.6	6.5	2.2	1.5
980	6/23/2014 19:16:11	15.53	51.10	33.58	8.39	7.99	7.4	2.758	103.3	6.8	2.3	1.6
981	6/23/2014 19:31:11	15.28	51.34	33.75	8.45	8.00	8.4	2.840	103.6	6.9	2.3	1.6
982	6/23/2014 19:46:11	14.55	51.22	33.64	8.31	7.99	8.1	2.932	100.4	7.4	2.5	1.7
983	6/23/2014 20:01:12	14.24	51.32	33.71	8.30	7.99	8.7	3.004	99.7	7.8	2.7	1.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
984	6/23/2014 20:16:11	13.88	51.16	33.58	8.60	8.01	9.7	3.096	102.4	9.5	3.2	2.2
985	6/23/2014 20:31:11	13.38	51.20	33.59	8.67	8.02	9.2	3.182	102.2	10.5	3.6	2.5
986	6/23/2014 20:46:11	12.98	51.21	33.58	8.48	8.00	9.7	3.255	99.2	11.6	3.9	2.7
987	6/23/2014 21:01:11	12.60	51.05	33.45	8.34	7.99	7.6	3.318	96.7	12.7	4.3	3.0
988	6/23/2014 21:16:11	12.37	51.22	33.56	8.34	7.99	7.0	3.392	96.3	11.2	3.8	2.6
989	6/23/2014 21:31:11	12.22	51.05	33.43	8.41	8.00	5.2	3.438	96.7	7.9	2.7	1.8
990	6/23/2014 21:46:11	12.14	51.22	33.55	8.42	8.00	3.6	3.462	96.7	12.1	4.1	2.9
991	6/23/2014 22:01:12	12.13	51.10	33.46	8.08	7.97	2.5	3.491	92.8	8.0	2.7	1.9
992	6/23/2014 22:16:12	12.50	51.16	33.52	8.19	7.99	4.3	3.504	94.8	12.8	4.4	3.0
993	6/23/2014 22:31:12	12.29	51.24	33.57	8.22	7.99	3.6	3.450	94.7	10.7	3.6	2.5
994	6/23/2014 22:46:12	12.45	51.18	33.54	8.16	7.98	4.1	3.417	94.3	8.6	2.9	2.0
995	6/23/2014 23:01:12	13.10	51.25	33.62	8.00	7.98	5.3	3.363	93.9	8.0	2.7	1.9
996	6/23/2014 23:16:11	13.32	51.06	33.49	7.93	7.97	7.3	3.266	93.4	9.1	3.1	2.1
997	6/23/2014 23:31:12	12.80	51.06	33.47	7.93	7.97	5.5	3.171	92.4	10.8	3.7	2.5
998	6/23/2014 23:46:11	14.91	51.23	33.66	7.89	7.99	7.6	3.070	96.1	6.8	2.3	1.6
999	6/24/2014 0:01:11	15.24	51.18	33.63	8.01	8.00	7.0	2.979	98.1	6.2	2.1	1.4
1000	6/24/2014 0:16:11	15.15	51.26	33.69	8.07	8.00	7.4	2.871	98.7	7.4	2.5	1.8
1001	6/24/2014 0:31:11	15.33	51.36	33.77	7.96	7.99	11.0	2.749	97.8	6.3	2.1	1.5
1002	6/24/2014 0:46:11	15.75	51.38	33.79	7.83	7.98	15.3	2.654	97.0	7.0	2.4	1.6
1003	6/24/2014 1:01:11	16.04	51.31	33.75	7.83	7.98	10.5	2.535	97.4	5.2	1.8	1.2
1004	6/24/2014 1:16:11	16.50	51.42	33.83	7.66	7.97	12.3	2.417	96.3	4.2	1.4	1.0
1005	6/24/2014 1:31:11	16.30	51.46	33.86	7.58	7.96	9.7	2.302	94.9	4.7	1.6	1.1
1006	6/24/2014 1:46:12	16.52	51.61	33.97	7.63	7.97	17.2	2.162	96.0	4.3	1.5	1.0
1007	6/24/2014 2:01:11	16.56	51.58	33.95	7.48	7.96	9.0	2.056	94.1	4.5	1.5	1.1
1008	6/24/2014 2:16:11	16.76	51.60	33.97	7.36	7.96	8.1	1.914	93.0	4.1	1.4	1.0
1009	6/24/2014 2:31:11	16.98	51.61	33.98	7.35	7.96	9.5	1.785	93.4	4.3	1.5	1.0
1010	6/24/2014 2:46:11	17.34	51.66	34.02	7.34	7.97	8.2	1.655	93.9	4.2	1.4	1.0
1011	6/24/2014 3:01:11	17.58	51.76	34.10	7.22	7.96	8.3	1.523	92.8	3.8	1.3	0.9
1012	6/24/2014 3:16:11	17.75	51.72	34.07	7.17	7.96	7.9	1.416	92.5	4.0	1.4	1.0
1013	6/24/2014 3:31:11	18.10	51.85	34.17	7.17	7.96	6.6	1.272	93.0	4.6	1.6	1.1
1014	6/24/2014 3:46:11	18.22	51.83	34.16	7.13	7.96	7.0	1.179	92.8	4.3	1.5	1.0
1015	6/24/2014 4:01:11	18.40	51.85	34.17	7.10	7.96	6.9	1.101	92.7	3.9	1.3	0.9
1016	6/24/2014 4:16:11	18.61	51.84	34.17	7.02	7.97	5.9	1.025	92.1	4.6	1.6	1.1
1017	6/24/2014 4:31:11	18.65	52.03	34.30	6.98	7.96	5.0	1.002	91.7	4.3	1.5	1.0
1018	6/24/2014 4:46:11	18.51	52.01	34.29	6.58	7.93	6.8	0.995	86.1	4.1	1.4	1.0
1019	6/24/2014 5:01:11	19.19	51.85	34.17	7.03	7.98	6.0	1.014	93.1	3.6	1.2	0.8
1020	6/24/2014 5:16:11	19.46	51.97	34.26	7.32	8.03	5.0	1.063	97.5	3.8	1.3	0.9
1021	6/24/2014 5:31:10	19.35	51.77	34.11	7.31	8.03	5.3	1.117	97.2	3.5	1.2	0.8
1022	6/24/2014 5:46:11	19.49	52.04	34.31	7.41	8.04	6.7	1.203	98.8	3.1	1.1	0.7
1023	6/24/2014 6:01:10	19.36	52.00	34.28	7.36	8.03	6.5	1.258	98.0	3.7	1.3	0.9
1024	6/24/2014 6:16:10	19.19	51.68	34.05	7.33	8.02	5.8	1.335	97.1	3.2	1.1	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
1025	6/24/2014 6:31:11	19.12	52.06	34.32	7.29	8.01	5.9	1.419	96.5	3.2	1.1	0.7
1026	6/24/2014 6:46:11	19.13	51.94	34.24	7.19	8.01	6.4	1.474	95.2	2.8	1.0	0.6
1027	6/24/2014 7:01:10	19.17	52.01	34.29	7.16	8.00		1.571	95.0	3.1	1.1	0.7
1028	6/24/2014 7:16:11	18.94	52.00	34.28	7.16	7.99		1.642	94.5	3.3	1.1	0.8
1029	6/24/2014 7:31:11	18.77	51.87	34.19	7.13	7.98	8.3	1.727	93.8	3.4	1.2	0.8
1030	6/24/2014 7:46:11	18.68	52.01	34.29	7.09	7.97	7.7	1.820	93.1	3.2	1.1	0.8
1031	6/24/2014 8:01:11	18.34	51.90	34.21	7.12	7.97	8.1	1.887	92.9	3.4	1.2	0.8
1032	6/24/2014 8:16:11	17.71	51.84	34.16	7.23	7.95	7.2	2.000	93.2	4.1	1.4	1.0
1033	6/24/2014 8:31:11	17.41	51.76	34.09	7.25	7.94	7.3	2.086	92.9	4.0	1.4	0.9
1034	6/24/2014 8:46:11	17.15	51.82	34.14	7.23	7.94	7.0	2.157	92.1	3.8	1.3	0.9
1035	6/24/2014 9:01:11	16.95	51.69	34.04	7.30	7.94	6.8	2.256	92.6	4.3	1.5	1.0
1036	6/24/2014 9:16:11	16.67	51.56	33.94	7.38	7.94	6.7	2.334	93.1	4.2	1.4	1.0
1037	6/24/2014 9:31:11	16.46	51.45	33.86	7.43	7.95	6.5	2.408	93.4	4.6	1.6	1.1
1038	6/24/2014 9:46:11	16.30	51.61	33.97	7.44	7.95	7.7	2.476	93.3	4.7	1.6	1.1
1039	6/24/2014 10:01:11	16.12	51.48	33.87	7.45	7.94	8.0	2.551	92.9	4.6	1.6	1.1
1040	6/24/2014 10:16:11	15.82	51.40	33.81	7.52	7.95	8.9	2.620	93.2	5.3	1.8	1.2
1041	6/24/2014 10:31:11	15.48	51.49	33.87	7.61	7.95	7.7	2.677	93.7	5.2	1.8	1.2
1042	6/24/2014 10:46:11	15.15	51.39	33.78	7.62	7.95	8.4	2.740	93.3	5.8	2.0	1.4
1043	6/24/2014 11:01:11	14.63	51.47	33.83	7.60	7.94	10.3	2.780	92.1	6.3	2.1	1.5
1044	6/24/2014 11:16:11	14.29	51.41	33.77	7.59	7.94	6.1	2.828	91.3	7.0	2.4	1.6
1045	6/24/2014 11:31:11	14.13	51.36	33.74	7.48	7.94	20.3	2.856	89.6	4.7	1.6	1.1
1046	6/24/2014 11:46:11	14.21	51.19	33.61	7.10	7.91	7.3	2.866	85.2	5.2	1.8	1.2
1047	6/24/2014 12:01:11	14.14	51.11	33.55	7.41	7.93		2.876	88.8	5.3	1.8	1.3
1048	6/24/2014 12:16:11	14.14	51.29	33.69	7.45	7.93	4.0	2.844	89.2	4.3	1.5	1.0
1049	6/24/2014 12:31:12	14.27	51.19	33.61	7.47	7.94	5.9	2.796	89.7	4.4	1.5	1.0
1050	6/24/2014 12:46:12	14.79	51.32	33.72	7.56	7.95	5.5	2.751	91.8	5.4	1.8	1.3
1051	6/24/2014 13:01:11	16.05	51.20	33.67	7.83	7.98	6.1	2.676	97.5	4.0	1.4	0.9
1052	6/24/2014 13:16:11	16.45	51.43	33.84	8.05	7.99	5.6	2.603	101.1	3.9	1.3	0.9
1053	6/24/2014 13:31:11	16.66	51.37	33.80	8.05	7.99	6.4	2.534	101.4	3.0	1.0	0.7
1054	6/24/2014 13:46:11	16.82	51.39	33.82	8.04	8.00	7.2	2.465	101.7	4.0	1.4	0.9
1055	6/24/2014 14:01:11	17.04	51.37	33.81	7.93	7.99	5.1	2.391	100.7	3.3	1.1	0.8
1056	6/24/2014 14:16:11	17.31	51.53	33.92	7.99	8.00	5.6	2.324	102.0	4.4	1.5	1.0
1057	6/24/2014 14:31:11	17.66	51.41	33.84	7.79	7.98	5.6	2.263	100.1	3.5	1.2	0.8
1058	6/24/2014 14:46:11	17.93	51.60	33.98	7.78	7.98	5.3	2.205	100.6	3.3	1.1	0.8
1059	6/24/2014 15:01:11	18.26	51.64	34.01	7.68	7.98	5.6	2.136	99.9	3.1	1.1	0.7
1060	6/24/2014 15:16:11	18.26	51.57	33.96	7.80	7.99	4.2	2.086	101.5	3.4	1.2	0.8
1061	6/24/2014 15:31:11	18.42	51.58	33.97	7.61	7.98	3.7	2.050	99.3	2.8	1.0	0.7
1062	6/24/2014 15:46:11	18.59	51.64	34.02	7.42	7.97	4.3	2.005	97.2	2.6	0.9	0.6
1063	6/24/2014 16:01:11	18.71	51.72	34.07	7.64	7.99	4.2	1.973	100.2	3.3	1.1	0.8
1064	6/24/2014 16:16:11	18.86	51.67	34.04	7.71	7.99	3.8	1.960	101.5	3.5	1.2	0.8
1065	6/24/2014 16:31:11	18.69	51.60	33.98	8.85	8.06	4.8	1.959	116.1	4.6	1.6	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
1066	6/24/2014 16:46:11	18.72	51.77	34.11	8.61	8.05	4.7	1.960	113.1	4.4	1.5	1.0
1067	6/24/2014 17:01:11	18.75	51.81	34.14	8.49	8.04	5.1	1.995	111.5	4.7	1.6	1.1
1068	6/24/2014 17:16:11	18.72	51.62	34.00	8.21	8.02	5.4	2.036	107.7	5.0	1.7	1.2
1069	6/24/2014 17:31:11	18.78	51.82	34.15	8.22	8.02	5.1	2.084	108.1	5.0	1.7	1.2
1070	6/24/2014 17:46:11	18.49	51.64	34.02	8.12	8.00	5.6	2.140	106.2	5.2	1.8	1.2
1071	6/24/2014 18:01:11	18.70	51.84	34.16	8.07	8.00	6.6	2.206	106.0	4.7	1.6	1.1
1072	6/24/2014 18:16:11	18.30	51.64	34.01	8.15	8.00	7.3	2.283	106.1	5.0	1.7	1.2
1073	6/24/2014 18:31:11	17.95	51.66	34.03	8.18	8.00	6.8	2.345	105.9	4.9	1.7	1.2
1074	6/24/2014 18:46:11	17.68	51.60	33.98	8.17	7.99	5.9	2.414	105.2	5.6	1.9	1.3
1075	6/24/2014 19:01:11	16.91	51.60	33.97	8.07	7.98	6.5	2.490	102.4	5.0	1.7	1.2
1076	6/24/2014 19:16:11	16.58	51.47	33.87	8.08	7.98	7.5	2.572	101.8	5.6	1.9	1.3
1077	6/24/2014 19:31:12	15.97	51.36	33.78	7.95	7.97	6.7	2.644	98.9	6.0	2.0	1.4
1078	6/24/2014 19:46:11	15.73	51.35	33.77	7.91	7.97	6.9	2.721	97.8	6.5	2.2	1.5
1079	6/24/2014 20:01:11	15.55	51.42	33.81	7.91	7.97	7.6	2.807	97.5	5.9	2.0	1.4
1080	6/24/2014 20:16:11	14.71	51.29	33.70	7.82	7.96	8.5	2.889	94.8	6.7	2.3	1.6
1081	6/24/2014 20:31:11	14.11	51.13	33.56	7.67	7.95	9.4	2.973	91.8	8.7	3.0	2.0
1082	6/24/2014 20:46:11	13.64	51.24	33.63	7.72	7.95	10.1	3.058	91.6	8.1	2.8	1.9
1083	6/24/2014 21:01:11	13.21	51.21	33.59	7.69	7.95	9.7	3.143	90.4	9.9	3.4	2.3
1084	6/24/2014 21:16:11	12.86	51.20	33.57	7.67	7.95	9.0	3.223	89.4	10.7	3.6	2.5
1085	6/24/2014 21:31:11	12.42	51.09	33.47	7.58	7.94	7.9	3.299	87.5	10.2	3.5	2.4
1086	6/24/2014 21:46:11	12.13	51.21	33.54	7.55	7.94	5.9	3.367	86.7	8.5	2.9	2.0
1087	6/24/2014 22:01:11	11.96	50.93	33.33	7.60	7.94	6.1	3.424	86.9	13.2	4.5	3.1
1088	6/24/2014 22:16:12	11.88	51.10	33.45	7.67	7.95	4.2	3.474	87.6	10.3	3.5	2.4
1089	6/24/2014 22:31:11	11.78	51.11	33.45	7.75	7.96	3.4	3.513	88.3	7.9	2.7	1.9
1090	6/24/2014 22:46:11	11.75	51.13	33.47	7.66	7.95	1.5	3.520	87.2	3.5	1.2	0.8
1091	6/24/2014 23:01:12	12.16	51.19	33.53	7.57	7.95	5.6	3.509	87.0	9.6	3.3	2.3
1092	6/24/2014 23:16:12	12.01	51.18	33.51	7.52	7.94	4.8	3.500	86.1	11.4	3.9	2.7
1093	6/24/2014 23:31:12	11.93	51.07	33.43	7.63	7.95	5.1	3.456	87.3	10.2	3.5	2.4
1094	6/24/2014 23:46:12	12.41	51.02	33.42	7.47	7.94	5.3	3.368	86.2	9.5	3.2	2.2
1095	6/25/2014 0:01:12	13.95	51.14	33.57	7.30	7.94	8.7	3.279	87.1	7.2	2.4	1.7
1096	6/25/2014 0:16:12	13.16	51.09	33.50	7.31	7.94	5.2	3.195	85.8	9.3	3.2	2.2
1097	6/25/2014 0:31:11	14.59	51.15	33.59	7.36	7.95	7.8	3.093	89.0	5.8	2.0	1.4
1098	6/25/2014 0:46:11	14.66	51.16	33.60	7.44	7.96	8.1	2.969	90.0	6.2	2.1	1.5
1099	6/25/2014 1:01:11	14.73	51.24	33.66	7.40	7.95	6.9	2.864	89.8	5.9	2.0	1.4
1100	6/25/2014 1:16:11	14.86	51.43	33.80	7.44	7.95	6.8	2.754	90.6	5.8	2.0	1.4
1101	6/25/2014 1:31:12	15.46	51.19	33.64	7.38	7.96	7.4	2.642	90.7	5.2	1.8	1.2
1102	6/25/2014 1:46:11	15.64	51.39	33.80	7.28	7.94	6.8	2.511	90.0	4.9	1.7	1.1
1103	6/25/2014 2:01:11	16.42	51.46	33.86	7.33	7.95	8.7	2.396	92.0	4.8	1.6	1.1
1104	6/25/2014 2:16:11	16.53	51.49	33.89	7.12	7.94	7.3	2.266	89.5	3.8	1.3	0.9
1105	6/25/2014 2:31:11	16.47	51.49	33.89	7.01	7.93	6.8	2.138	88.1	5.2	1.8	1.2
1106	6/25/2014 2:46:11	16.41	51.57	33.94	6.90	7.92	7.1	2.000	86.6	4.3	1.5	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
1107	6/25/2014 3:01:11	16.42	51.60	33.97	6.94	7.92	8.1	1.866	87.1	4.3	1.5	1.0
1108	6/25/2014 3:16:11	17.16	51.66	34.02	6.99	7.94	8.3	1.728	89.1	4.4	1.5	1.0
1109	6/25/2014 3:31:11	17.68	51.83	34.15	7.06	7.95	8.3	1.606	91.0	3.9	1.3	0.9
1110	6/25/2014 3:46:11	17.92	51.75	34.10	7.01	7.95	6.7	1.477	90.7	4.5	1.5	1.1
1111	6/25/2014 4:01:11	18.14	51.85	34.17	7.01	7.95	8.0	1.341	91.0	4.3	1.5	1.0
1112	6/25/2014 4:16:11	18.22	51.84	34.16	6.98	7.95	7.2	1.231	90.9	4.2	1.4	1.0
1113	6/25/2014 4:31:11	18.54	51.99	34.28	7.03	7.96	5.7	1.122	92.1	4.2	1.4	1.0
1114	6/25/2014 4:46:11	18.59	51.97	34.26	6.94	7.95	5.3	1.030	90.9	4.5	1.5	1.0
1115	6/25/2014 5:01:11	18.85	51.93	34.23	6.94	7.95	5.4	0.986	91.5	4.1	1.4	1.0
1116	6/25/2014 5:16:11	19.22	52.15	34.39	6.96	7.97	5.3	0.937	92.4	4.4	1.5	1.0
1117	6/25/2014 5:31:11	19.32	52.23	34.45	6.74	7.95	5.8	0.943	89.7	4.0	1.4	0.9
1118	6/25/2014 5:46:11	19.61	51.99	34.27	6.99	7.98	5.7	0.967	93.4	3.8	1.3	0.9
1119	6/25/2014 6:01:10	19.81	52.22	34.44	7.29	8.00	4.4	1.015	97.9	3.6	1.2	0.8
1120	6/25/2014 6:16:11	19.77	52.25	34.46	7.25	8.01	4.9	1.081	97.3	3.1	1.1	0.7
1121	6/25/2014 6:31:11	19.80	52.24	34.46	7.36	8.02	5.1	1.144	98.8	3.0	1.0	0.7
1122	6/25/2014 6:46:11	19.72	52.28	34.49	7.29	8.01	5.9	1.211	97.8	3.3	1.1	0.8
1123	6/25/2014 7:01:11	19.74	52.13	34.38	6.97	7.97	6.9	1.300	93.4	4.0	1.4	0.9
1124	6/25/2014 7:16:11	19.80	52.25	34.47	6.67	7.94	7.8	1.376	89.5	4.3	1.5	1.0
1125	6/25/2014 7:31:10	19.68	51.98	34.26	6.75	7.95	7.2	1.449	90.3	3.5	1.2	0.8
1126	6/25/2014 7:46:11	19.41	52.04	34.31	6.80	7.95	7.4	1.536	90.6	3.9	1.3	0.9
1127	6/25/2014 8:01:11	19.18	52.19	34.42	6.81	7.95	7.5	1.616	90.4	3.5	1.2	0.8
1128	6/25/2014 8:16:11	19.07	52.07	34.33	6.85	7.95	7.6	1.714	90.7	3.7	1.3	0.9
1129	6/25/2014 8:31:11	18.80	51.84	34.16	6.90	7.94	7.8	1.791	90.8	3.6	1.2	0.8
1130	6/25/2014 8:46:11	18.33	51.84	34.16	6.94	7.94	8.3	1.887	90.5	3.5	1.2	0.8
1131	6/25/2014 9:01:11	17.89	51.93	34.22	6.95	7.93	7.5	1.990	89.9	3.7	1.3	0.9
1132	6/25/2014 9:16:11	17.62	51.87	34.18	6.93	7.92	7.7	2.080	89.2	3.9	1.3	0.9
1133	6/25/2014 9:31:11	17.34	51.73	34.07	7.00	7.92	7.7	2.161	89.6	3.7	1.3	0.9
1134	6/25/2014 9:46:11	17.11	51.86	34.17	7.00	7.92	7.5	2.250	89.3	3.8	1.3	0.9
1135	6/25/2014 10:01:11	16.77	51.70	34.04	7.04	7.92	7.7	2.339	89.0	3.5	1.2	0.8
1136	6/25/2014 10:16:11	16.55	51.66	34.01	7.04	7.92	8.7	2.422	88.6	3.8	1.3	0.9
1137	6/25/2014 10:31:11	16.32	51.57	33.94	7.03	7.92	8.4	2.492	88.1	4.3	1.5	1.0
1138	6/25/2014 10:46:11	15.86	51.54	33.91	7.11	7.92	8.9	2.573	88.4	4.7	1.6	1.1
1139	6/25/2014 11:01:11	15.60	51.34	33.76	7.13	7.92	9.2	2.647	88.0	4.8	1.6	1.1
1140	6/25/2014 11:16:11	15.06	51.46	33.84	7.13	7.91	9.4	2.712	87.0	4.8	1.6	1.1
1141	6/25/2014 11:31:12	14.34	51.50	33.84	7.12	7.91	9.3	2.778	85.8	5.9	2.0	1.4
1142	6/25/2014 11:46:12	14.02	51.41	33.77	7.14	7.92	7.5	2.832	85.4	5.7	1.9	1.3
1143	6/25/2014 12:01:12	13.83	51.28	33.67	7.11	7.92	6.4	2.890	84.6	5.5	1.9	1.3
1144	6/25/2014 12:16:12	13.69	51.48	33.80	7.03	7.91	4.0	2.915	83.6	5.8	2.0	1.4
1145	6/25/2014 12:31:12	13.67	51.44	33.78	6.84	7.89	3.2	2.942	81.2	2.7	0.9	0.6
1146	6/25/2014 12:46:12	14.05	51.28	33.67	6.94	7.91	5.0	2.943	83.0	4.0	1.4	1.0
1147	6/25/2014 13:01:11	13.84	51.34	33.71	6.88	7.91	4.2	2.922	82.0	4.7	1.6	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
1148	6/25/2014 13:16:12	13.76	51.49	33.81	6.83	7.90	5.3	2.892	81.2	4.6	1.6	1.1
1149	6/25/2014 13:31:12	14.16	51.36	33.74	6.88	7.91	4.8	2.834	82.5	3.9	1.3	0.9
1150	6/25/2014 13:46:12	15.59	51.34	33.76	7.28	7.95	6.5	2.758	89.8	4.2	1.4	1.0
1151	6/25/2014 14:01:11	15.44	51.25	33.69	7.22	7.94	6.1	2.691	88.8	4.0	1.4	0.9
1152	6/25/2014 14:16:12	15.58	51.39	33.79	7.52	7.95	5.6	2.615	92.9	3.2	1.1	0.7
1153	6/25/2014 14:31:12	15.94	51.28	33.72	7.45	7.95	5.9	2.535	92.6	3.2	1.1	0.8
1154	6/25/2014 14:46:11	16.56	51.34	33.77	7.14	7.93	5.9	2.457	89.8	3.2	1.1	0.7
1155	6/25/2014 15:01:11	16.80	51.48	33.88	7.05	7.93	6.3	2.385	89.2	3.7	1.3	0.9
1156	6/25/2014 15:16:11	17.08	51.52	33.91	6.95	7.92	4.7	2.335	88.4	3.2	1.1	0.8
1157	6/25/2014 15:31:11	17.27	51.67	34.03	6.90	7.93	5.3	2.258	88.1	3.3	1.1	0.8
1158	6/25/2014 15:46:11	17.48	51.47	33.88	7.17	7.95	5.7	2.192	91.9	3.6	1.2	0.8
1159	6/25/2014 16:01:11	17.49	51.61	33.98	7.51	7.97	4.8	2.146	96.3	4.2	1.4	1.0
1160	6/25/2014 16:16:12	17.68	51.58	33.96	7.39	7.96	4.5	2.103	95.1	4.0	1.4	0.9
1161	6/25/2014 16:31:11	17.88	51.60	33.98	7.20	7.95	5.2	2.056	93.0	4.1	1.4	1.0
1162	6/25/2014 16:46:11	18.00	51.66	34.03	7.26	7.96	4.3	2.036	94.0	4.5	1.5	1.1
1163	6/25/2014 17:01:11	18.24	51.66	34.02	7.20	7.96	3.3	2.025	93.6	5.1	1.7	1.2
1164	6/25/2014 17:16:11	17.97	51.52	33.92	7.22	7.95	4.3	2.018	93.4	4.9	1.7	1.2
1165	6/25/2014 17:31:11	18.12	51.68	34.04	7.31	7.95	4.2	2.028	94.9	5.2	1.8	1.2
1166	6/25/2014 17:46:11	17.89	51.58	33.97	7.31	7.95	5.6	2.050	94.4	5.5	1.9	1.3
1167	6/25/2014 18:01:11	17.84	51.58	33.96	7.27	7.95	5.6	2.091	93.9	5.0	1.7	1.2
1168	6/25/2014 18:16:11	17.69	51.72	34.07	7.26	7.95	6.1	2.138	93.5	4.7	1.6	1.1
1169	6/25/2014 18:31:12	17.56	51.66	34.02	7.24	7.94	6.8	2.195	92.9	5.0	1.7	1.2
1170	6/25/2014 18:46:11	17.28	51.43	33.85	7.29	7.94	6.3	2.242	93.0	4.8	1.6	1.1
1171	6/25/2014 19:01:11	17.13	51.58	33.96	7.34	7.94	7.1	2.308	93.5	4.9	1.7	1.1
1172	6/25/2014 19:16:11	16.80	51.46	33.87	7.40	7.94	6.8	2.392	93.6	5.6	1.9	1.3
1173	6/25/2014 19:31:11	16.55	51.31	33.75	7.38	7.94		2.456	92.9	4.9	1.7	1.2
1174	6/25/2014 19:46:11	16.09	51.44	33.84	7.32	7.93		2.525	91.3	5.1	1.7	1.2
1175	6/25/2014 20:01:12	15.88	51.47	33.86	7.29	7.93	8.1	2.605	90.5	5.4	1.8	1.3
1176	6/25/2014 20:16:11	15.53	51.33	33.75	7.23	7.93	7.0	2.686	89.1	4.8	1.6	1.1
1177	6/25/2014 20:31:11	15.08	51.37	33.77	7.25	7.92	7.0	2.764	88.6	6.1	2.1	1.4
1178	6/25/2014 20:46:11	14.62	51.30	33.70	7.21	7.92	6.7	2.845	87.2	5.5	1.9	1.3
1179	6/25/2014 21:01:11	14.11	51.34	33.72	7.14	7.91	7.4	2.932	85.5	5.8	2.0	1.4
1180	6/25/2014 21:16:12	13.65	51.41	33.75	7.15	7.91	7.3	3.023	84.8	6.6	2.2	1.6
1181	6/25/2014 21:31:11	13.19	51.28	33.64	7.22	7.92	8.3	3.108	84.8	8.5	2.9	2.0
1182	6/25/2014 21:46:12	12.62	51.31	33.64	7.33	7.92	9.2	3.184	85.1	8.4	2.9	2.0
1183	6/25/2014 22:01:12	12.10	51.36	33.65	7.48	7.93	7.3	3.261	86.0	11.6	3.9	2.7
1184	6/25/2014 22:16:11	11.81	51.16	33.49	7.64	7.94	7.2	3.334	87.2	12.8	4.4	3.0
1185	6/25/2014 22:31:11	11.62	51.30	33.58	7.67	7.94	4.8	3.394	87.1	12.0	4.1	2.8
1186	6/25/2014 22:46:11	11.56	51.21	33.51	7.67	7.95	3.9	3.447	87.1	11.1	3.8	2.6
1187	6/25/2014 23:01:12	11.44	51.24	33.53	7.68	7.95	3.1	3.491	87.0	14.1	4.8	3.3
1188	6/25/2014 23:16:12	11.44	51.31	33.58	7.64	7.95	2.1	3.517	86.6	5.6	1.9	1.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
1189	6/25/2014 23:31:11	11.48	50.91	33.29	7.13	7.90	3.6	3.538	80.7	7.7	2.6	1.8
1190	6/25/2014 23:46:11	11.78	51.28	33.58	7.43	7.94	4.3	3.505	84.8	11.2	3.8	2.6
1191	6/26/2014 0:01:12	11.61	51.22	33.52	7.52	7.94	3.7	3.482	85.4	8.4	2.9	2.0
1192	6/26/2014 0:16:12	11.64	51.29	33.58	7.55	7.94	3.1	3.445	85.9	6.1	2.1	1.4
1193	6/26/2014 0:31:11	13.04	51.29	33.64	7.07	7.91	4.7	3.364	82.8	6.8	2.3	1.6
1194	6/26/2014 0:46:12	12.80	51.29	33.64	7.13	7.91	4.6	3.272	83.1	7.9	2.7	1.9
1195	6/26/2014 1:01:12	12.35	51.24	33.57	7.25	7.92	5.0	3.179	83.7	9.0	3.1	2.1
1196	6/26/2014 1:16:12	13.28	51.31	33.67	7.07	7.92	5.0	3.090	83.3	5.7	1.9	1.3
1197	6/26/2014 1:31:11	13.79	51.22	33.62	6.99	7.92	6.2	2.971	83.1	5.8	2.0	1.4
1198	6/26/2014 1:46:12	14.03	51.36	33.73	6.96	7.91	6.8	2.853	83.2	5.7	1.9	1.3
1199	6/26/2014 2:01:12	14.23	51.25	33.66	6.90	7.91	7.0	2.739	82.9	5.9	2.0	1.4
1200	6/26/2014 2:16:12	14.46	51.33	33.72	6.82	7.90	6.1	2.633	82.3	4.9	1.7	1.2
1201	6/26/2014 2:31:11	15.32	51.29	33.72	6.61	7.89	8.1	2.505	81.1	4.2	1.4	1.0
1202	6/26/2014 2:46:11	15.68	51.32	33.75	6.45	7.88	8.2	2.369	79.8	3.6	1.2	0.8
1203	6/26/2014 3:01:12	15.93	51.54	33.91	6.59	7.90	8.1	2.251	82.0	3.8	1.3	0.9
1204	6/26/2014 3:16:11	15.41	51.28	33.71	6.43	7.87	7.6	2.110	79.1	4.2	1.4	1.0
1205	6/26/2014 3:31:11	15.79	51.44	33.84	6.40	7.87	7.8	1.965	79.3	3.5	1.2	0.8
1206	6/26/2014 3:46:12	15.98	51.49	33.88	6.33	7.88	7.8	1.855	78.8	4.3	1.5	1.0
1207	6/26/2014 4:01:11	16.40	51.48	33.88	6.34	7.87	8.7	1.714	79.5	3.4	1.2	0.8
1208	6/26/2014 4:16:12	16.78	51.67	34.02	6.27	7.88	8.7	1.573	79.3	3.6	1.2	0.8
1209	6/26/2014 4:31:12	17.19	51.70	34.05	6.22	7.88	7.7	1.442	79.4	3.8	1.3	0.9
1210	6/26/2014 4:46:11	17.11	51.45	33.86	6.17	7.86	21.4	1.314	78.4	3.8	1.3	0.9
1211	6/26/2014 5:01:11	17.53	51.81	34.14	6.21	7.88	7.6	1.190	79.8	4.1	1.4	1.0
1212	6/26/2014 5:16:11	17.72	51.66	34.02	6.16	7.88	6.4	1.094	79.3	3.7	1.3	0.9
1213	6/26/2014 5:31:11	17.93	51.84	34.16	6.10	7.87	6.6	1.005	78.9	4.1	1.4	1.0
1214	6/26/2014 5:46:11	18.09	51.79	34.12	6.04	7.87	7.6	0.926	78.4	4.1	1.4	1.0
1215	6/26/2014 6:01:11	18.09	51.81	34.14	5.99	7.86	8.9	0.901	77.8	3.7	1.3	0.9
1216	6/26/2014 6:16:11	17.92	51.82	34.15	5.87	7.85	12.2	0.905	75.9	4.0	1.4	0.9
1217	6/26/2014 6:31:11	18.55	51.62	34.00	6.02	7.87	5.6	0.924	78.7	3.5	1.2	0.8
1218	6/26/2014 6:46:11	18.72	51.98	34.27	6.01	7.88	5.0	0.973	79.0	3.7	1.3	0.9
1219	6/26/2014 7:01:11	18.73	51.87	34.18	6.06	7.88	5.1	1.040	79.7	3.5	1.2	0.8
1220	6/26/2014 7:16:11	18.77	51.76	34.10	6.09	7.89	5.2	1.125	80.1	3.5	1.2	0.8
1221	6/26/2014 7:31:11	18.63	51.96	34.25	6.13	7.89	5.6	1.206	80.5	2.9	1.0	0.7
1222	6/26/2014 7:46:11	18.60	51.71	34.07	5.96	7.85	9.4	1.278	78.1	4.7	1.6	1.1
1223	6/26/2014 8:01:11	18.57	51.57	33.96	5.86	7.83	10.0	1.366	76.7	4.7	1.6	1.1
1224	6/26/2014 8:16:11	18.49	51.89	34.20	5.91	7.85	8.9	1.458	77.4	4.4	1.5	1.0
1225	6/26/2014 8:31:11	18.31	51.69	34.05	6.02	7.86	8.9	1.530	78.5	4.1	1.4	1.0
1226	6/26/2014 8:46:11	18.17	51.89	34.20	6.05	7.86	8.4	1.614	78.6	3.4	1.2	0.8
1227	6/26/2014 9:01:11	18.08	51.66	34.03	6.08	7.86	7.6	1.724	78.9	3.3	1.1	0.8
1228	6/26/2014 9:16:11	17.84	51.64	34.01	6.10	7.86	7.8	1.807	78.7	3.6	1.2	0.8
1229	6/26/2014 9:31:11	17.55	51.68	34.04	6.20	7.87	6.9	1.908	79.6	3.1	1.1	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
1230	6/26/2014 9:46:11	17.35	51.67	34.02	6.27	7.87	7.2	2.005	80.2	3.4	1.2	0.8
1231	6/26/2014 10:01:11	17.16	51.73	34.07	6.32	7.87	6.9	2.099	80.6	3.3	1.1	0.8
1232	6/26/2014 10:16:11	16.87	51.64	34.00	6.38	7.87	8.3	2.198	80.8	3.6	1.2	0.8
1233	6/26/2014 10:31:11	16.57	51.59	33.96	6.41	7.87	9.0	2.282	80.7	3.3	1.1	0.8
1234	6/26/2014 10:46:11	16.35	51.53	33.91	6.44	7.87	8.6	2.369	80.8	3.3	1.1	0.8
1235	6/26/2014 11:01:11	16.17	51.48	33.87	6.47	7.87	9.5	2.456	80.8	4.0	1.4	0.9
1236	6/26/2014 11:16:11	15.84	51.48	33.86	6.52	7.87	9.3	2.540	80.8	3.8	1.3	0.9
1237	6/26/2014 11:31:11	15.45	51.32	33.74	6.69	7.88	9.5	2.613	82.3	4.2	1.4	1.0
1238	6/26/2014 11:46:11	14.89	51.27	33.69	6.80	7.88	9.7	2.686	82.7	4.4	1.5	1.0
1239	6/26/2014 12:01:12	14.24	51.44	33.79	6.93	7.89	8.3	2.760	83.2	5.5	1.9	1.3
1240	6/26/2014 12:16:12	13.93	51.41	33.77	7.02	7.90	7.6	2.818	83.8	5.0	1.7	1.2
1241	6/26/2014 12:31:12	13.67	51.30	33.67	7.08	7.90	8.9	2.882	84.1	6.3	2.1	1.5
1242	6/26/2014 12:46:11	13.46	51.39	33.73	7.13	7.91	5.5	2.925	84.3	6.1	2.1	1.4
1243	6/26/2014 13:01:12	13.45	51.19	33.58	7.02	7.90	4.1	2.956	82.9	2.7	0.9	0.6
1244	6/26/2014 13:16:11	13.38	51.21	33.59	6.81	7.89	4.0	2.993	80.3	2.7	0.9	0.6
1245	6/26/2014 13:31:11	13.72	51.30	33.68	6.87	7.89	3.9	2.988	81.6	3.8	1.3	0.9
1246	6/26/2014 13:46:12	13.48	51.40	33.74	6.93	7.89	4.5	2.964	82.0	3.4	1.2	0.8
1247	6/26/2014 14:01:12	13.57	51.10	33.52	7.03	7.90	4.5	2.923	83.2	4.4	1.5	1.0
1248	6/26/2014 14:16:12	14.01	51.24	33.64	6.97	7.90	5.6	2.875	83.3	4.3	1.5	1.0
1249	6/26/2014 14:31:12	14.35	51.30	33.70	7.16	7.92	6.7	2.804	86.2	5.1	1.7	1.2
1250	6/26/2014 14:46:12	14.71	51.25	33.67	7.10	7.91	7.7	2.735	86.1	4.3	1.5	1.0
1251	6/26/2014 15:01:11	15.46	51.31	33.73	7.19	7.92	7.3	2.661	88.5	4.3	1.5	1.0
1252	6/26/2014 15:16:11	16.31	51.30	33.74	7.78	7.97	4.8	2.566	97.4	2.7	0.9	0.6
1253	6/26/2014 15:31:11	16.65	51.30	33.75	7.83	7.97	6.3	2.502	98.6	3.2	1.1	0.8
1254	6/26/2014 15:46:11	16.90	51.33	33.77	7.56	7.95	6.0	2.445	95.7	3.1	1.1	0.7
1255	6/26/2014 16:01:12	16.96	51.37	33.80	7.55	7.95	15.2	2.358	95.7	2.4	0.8	0.6
1256	6/26/2014 16:16:11	17.30	51.37	33.80	7.32	7.94	5.6	2.297	93.4	4.0	1.4	0.9
1257	6/26/2014 16:31:11	17.52	51.35	33.80	7.24	7.93	5.2	2.249	92.8	2.7	0.9	0.6
1258	6/26/2014 16:46:11	17.65	51.52	33.92	7.27	7.93	5.0	2.181	93.5	2.6	0.9	0.6
1259	6/26/2014 17:01:11	17.71	51.43	33.85	7.54	7.96	4.1	2.142	97.1	2.6	0.9	0.6
1260	6/26/2014 17:16:11	17.80	51.43	33.86	7.52	7.98	5.9	2.081	96.8	3.6	1.2	0.8
1261	6/26/2014 17:31:11	18.14	51.61	33.99	7.55	7.96	4.2	2.049	98.0	3.7	1.3	0.9
1262	6/26/2014 17:46:11	18.27	51.51	33.92	8.04	8.01	3.8	2.039	104.6	3.3	1.1	0.8
1263	6/26/2014 18:01:11	18.28	51.54	33.94	7.89	7.99	4.3	2.021	102.7	3.5	1.2	0.8
1264	6/26/2014 18:16:11	18.45	51.61	33.99	7.69	7.98	4.3	2.017	100.4	3.3	1.1	0.8
1265	6/26/2014 18:31:11	18.36	51.45	33.87	7.82	7.98	4.9	2.043	101.9	3.9	1.3	0.9
1266	6/26/2014 18:46:11	18.18	51.49	33.90	7.84	7.98	5.8	2.086	101.8	3.8	1.3	0.9
1267	6/26/2014 19:01:11	18.23	51.56	33.96	7.54	7.95	5.6	2.124	98.1	3.6	1.2	0.8
1268	6/26/2014 19:16:11	18.02	51.67	34.03	7.43	7.94	5.3	2.178	96.2	3.6	1.2	0.8
1269	6/26/2014 19:31:11	18.23	51.54	33.94	7.40	7.93	8.2	2.245	96.1	3.7	1.3	0.9
1270	6/26/2014 19:46:11	17.75	51.46	33.88	7.40	7.93	7.3	2.316	95.3	4.0	1.4	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
1271	6/26/2014 20:01:11	17.43	51.54	33.93	7.40	7.93	6.7	2.387	94.7	4.2	1.4	1.0
1272	6/26/2014 20:16:11	17.08	51.55	33.94	7.40	7.93	7.6	2.462	94.1	4.2	1.4	1.0
1273	6/26/2014 20:31:12	16.43	51.57	33.95	7.34	7.92	6.4	2.530	92.1	4.9	1.7	1.1
1274	6/26/2014 20:46:11	15.88	51.31	33.74	7.18	7.91	6.7	2.615	89.1	4.9	1.7	1.2
1275	6/26/2014 21:01:11	15.52	51.45	33.84	7.16	7.91	6.3	2.689	88.3	5.4	1.8	1.3
1276	6/26/2014 21:16:12	15.33	51.27	33.70	7.23	7.91	7.2	2.772	88.7	5.5	1.9	1.3
1277	6/26/2014 21:31:12	14.90	51.24	33.66	7.39	7.93	7.9	2.856	90.0	5.9	2.0	1.4
1278	6/26/2014 21:46:12	14.43	51.32	33.71	7.62	7.95	7.1	2.939	91.8	6.8	2.3	1.6
1279	6/26/2014 22:01:12	13.70	51.27	33.65	8.22	7.99	7.3	3.030	97.6	10.0	3.4	2.4
1280	6/26/2014 22:16:12	13.43	51.29	33.66	8.53	8.02	9.5	3.106	100.8	10.9	3.7	2.6
1281	6/26/2014 22:31:12	13.15	51.18	33.57	8.97	8.06	7.7	3.188	105.3	13.7	4.7	3.2
1282	6/26/2014 22:46:11	12.88	51.08	33.48	9.42	8.09	7.0	3.269	109.9	17.3	5.9	4.1
1283	6/26/2014 23:01:11	12.69	51.02	33.43	9.83	8.12	6.8	3.337	114.1	16.7	5.7	3.9
1284	6/26/2014 23:16:12	12.58	51.22	33.57	9.89	8.12	6.0	3.385	114.7	21.3	7.2	5.0
1285	6/26/2014 23:31:12	12.49	51.22	33.57	9.91	8.13	4.5	3.443	114.8	19.8	6.7	4.7
1286	6/26/2014 23:46:12	12.43	51.17	33.53	9.95	8.14	3.3	3.475	115.0	18.6	6.3	4.4
1287	6/27/2014 0:01:12	12.42	51.13	33.50	9.78	8.13	1.8	3.493	113.0	9.1	3.1	2.1
1288	6/27/2014 0:16:12	12.97	51.27	33.62	8.73	8.06	4.3	3.489	102.1	16.8	5.7	3.9
1289	6/27/2014 0:31:12	12.78	51.22	33.58	9.30	8.09	3.6	3.470	108.4	14.6	5.0	3.4
1290	6/27/2014 0:46:12	12.60	51.29	33.62	9.59	8.11	3.2	3.442	111.3	13.6	4.6	3.2
1291	6/27/2014 1:01:12	12.73	51.12	33.50	9.39	8.09	4.0	3.367	109.2	14.4	4.9	3.4
1292	6/27/2014 1:16:12	13.15	51.12	33.52	8.94	8.06	4.3	3.300	104.9	11.0	3.7	2.6
1293	6/27/2014 1:31:12	13.63	51.22	33.61	8.49	8.03	5.4	3.210	100.6	11.6	3.9	2.7
1294	6/27/2014 1:46:12	13.90	51.20	33.61	8.45	8.02	5.9	3.110	100.7	10.6	3.6	2.5
1295	6/27/2014 2:01:12	14.66	51.32	33.72	7.72	7.97	7.0	3.004	93.5	5.8	2.0	1.4
1296	6/27/2014 2:16:12	14.58	51.32	33.72	7.75	7.97	7.2	2.902	93.8	6.9	2.3	1.6
1297	6/27/2014 2:31:12	14.63	51.34	33.74	7.79	7.98	7.2	2.780	94.3	6.0	2.0	1.4
1298	6/27/2014 2:46:12	14.88	51.42	33.80	7.64	7.97	9.6	2.653	93.0	6.5	2.2	1.5
1299	6/27/2014 3:01:11	15.40	51.07	33.56	7.37	7.94	8.0	2.540	90.5	5.4	1.8	1.3
1300	6/27/2014 3:16:11	16.06	51.36	33.78	6.94	7.91	8.2	2.412	86.5	3.8	1.3	0.9
1301	6/27/2014 3:31:11	15.91	51.42	33.83	6.60	7.87	6.8	2.287	82.0	3.6	1.2	0.9
1302	6/27/2014 3:46:11	16.35	51.37	33.79	6.78	7.90	8.1	2.157	85.0	3.3	1.1	0.8
1303	6/27/2014 4:01:11	16.49	51.46	33.86	6.75	7.90	8.3	2.024	84.9	3.5	1.2	0.8
1304	6/27/2014 4:16:11	16.77	51.45	33.86	6.68	7.89	7.5	1.890	84.4	3.4	1.2	0.8
1305	6/27/2014 4:31:11	16.56	51.53	33.92	6.57	7.87	8.6	1.753	82.7	3.6	1.2	0.9
1306	6/27/2014 4:46:11	17.12	51.60	33.97	6.46	7.88	9.1	1.616	82.2	3.6	1.2	0.9
1307	6/27/2014 5:01:11	17.06	51.45	33.86	6.35	7.86	7.5	1.494	80.7	3.3	1.1	0.8
1308	6/27/2014 5:16:11	17.59	51.51	33.91	6.31	7.86	8.3	1.359	81.1	3.8	1.3	0.9
1309	6/27/2014 5:31:11	17.77	51.67	34.03	6.23	7.86	7.3	1.229	80.3	3.1	1.1	0.7
1310	6/27/2014 5:46:11	17.90	51.59	33.97	6.24	7.86		1.108	80.7	3.3	1.1	0.8
1311	6/27/2014 6:01:11	18.29	51.73	34.08	6.17	7.86	5.6	1.022	80.4	3.4	1.2	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.34)	Fluorescence %FS
1312	6/27/2014 6:16:11	18.43	51.65	34.02	6.11	7.85	6.4	0.939	79.7	2.9	1.0	0.7
1313	6/27/2014 6:31:11	18.70	51.54	33.94	6.10	7.85	7.6	0.884	80.0	3.3	1.1	0.8
1314	6/27/2014 6:46:11	19.13	51.56	33.96	6.05	7.85	5.3	0.865	80.0	3.0	1.0	0.7
1315	6/27/2014 7:01:11	19.11	51.85	34.17	5.70	7.83	4.5	0.883	75.5	3.2	1.1	0.8
1316	6/27/2014 7:16:11	19.28	51.93	34.23	6.17	7.86	4.3	0.939	81.9	3.2	1.1	0.7
1317	6/27/2014 7:31:11	19.26	51.83	34.16	6.18	7.87	4.8	0.993	82.0	2.7	0.9	0.6
1318	6/27/2014 7:46:11	19.37	51.79	34.13	6.24	7.88	5.1	1.064	82.9	2.6	0.9	0.6
1319	6/27/2014 8:01:11	19.32	51.66	34.03	6.27	7.88	5.6	1.149	83.2	2.6	0.9	0.6
1320	6/27/2014 8:16:11	19.23	51.85	34.17	6.14	7.85	7.0	1.246	81.4	3.7	1.3	0.9
1321	6/27/2014 8:31:11	19.22	51.70	34.06	5.95	7.82	8.4	1.305	78.8	3.9	1.3	0.9
1322	6/27/2014 8:46:11	19.15	51.69	34.06	5.93	7.82	8.7	1.399	78.5	4.1	1.4	1.0
1323	6/27/2014 9:01:11	18.88	51.83	34.16	6.08	7.84	6.4	1.482	80.1	3.1	1.1	0.7
1324	6/27/2014 9:16:11	18.68	51.82	34.15	6.14	7.85	6.5	1.573	80.6	3.1	1.1	0.7
1325	6/27/2014 9:31:11	18.57	51.77	34.11	6.20	7.85	6.9	1.659	81.2	2.9	1.0	0.7
1326	6/27/2014 9:46:11	18.39	51.54	33.94	6.22	7.85	6.8	1.751	81.1	2.7	0.9	0.6
1327	6/27/2014 10:01:11	18.00	51.71	34.07	6.32	7.85	7.0	1.854	81.9	3.0	1.0	0.7
1328	6/27/2014 10:16:11	17.78	51.66	34.02	6.35	7.85	6.8	1.952	81.9	3.4	1.2	0.8
1329	6/27/2014 10:31:11	17.58	51.57	33.96	6.36	7.85	7.2	2.051	81.6	3.1	1.1	0.7
1330	6/27/2014 10:46:11	17.36	51.44	33.86	6.43	7.86	7.6	2.144	82.2	3.1	1.1	0.7
1331	6/27/2014 11:01:12	17.12	51.59	33.97	6.52	7.86	7.5	2.245	83.0	3.9	1.3	0.9
1332	6/27/2014 11:16:11	16.88	51.37	33.80	6.62	7.87	8.9	2.339	83.8	2.9	1.0	0.7
1333	6/27/2014 11:31:12	16.61	51.44	33.85	6.68	7.87	9.1	2.417	84.1	3.8	1.3	0.9
1334	6/27/2014 11:46:12	16.35	51.44	33.85	6.78	7.88	7.8	2.503	85.0	3.9	1.3	0.9
1335	6/27/2014 12:01:11	15.86	51.23	33.68	7.17	7.91	11.1	2.593	88.9	5.4	1.8	1.3
1336	6/27/2014 12:16:11	15.46	51.13	33.60	7.52	7.94	9.9	2.663	92.5	5.8	2.0	1.4
1337	6/27/2014 12:31:11	15.08	51.14	33.60	7.86	7.97	7.8	2.738	96.0	6.3	2.1	1.5
1338	6/27/2014 12:46:11	14.70	51.13	33.58	8.32	8.00	8.5	2.799	100.8	9.4	3.2	2.2
1339	6/27/2014 13:01:11	14.41	51.11	33.56	8.75	8.04	7.3	2.865	105.3	9.5	3.2	2.2
1340	6/27/2014 13:16:12	14.30	51.24	33.65	8.83	8.05	6.2	2.920	106.1	10.9	3.7	2.6
1341	6/27/2014 13:31:12	14.23	51.13	33.57	8.83	8.05	4.7	2.951	106.0	10.0	3.4	2.4
1342	6/27/2014 13:46:12	14.14	50.93	33.42	8.75	8.05	5.6	2.986	104.6	11.3	3.8	2.7
	Mean	15.70	51.66	33.98	7.45	7.94	9.75	2.28	92.12	5.73	1.95	1.35
	Minimum	11.07	50.86	33.29	5.64	7.79	1.50	0.48	71.80	1.90	0.65	0.40
	Maximum	19.81	52.39	34.55	10.12	8.14	37.50	3.73	117.10	53.20	18.09	12.50

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

Chlorophyll/Fluorescence displayed as *in vivo* (non-extractive) readings from YSI 6025 chlorophyll probe

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU					
Chlorophyll corrected with ratio derived from extractive analysis; Sample collected at 14:00; value = 1.23												

Flagged data due to suspect values (i.e., equipment malfunction, interference, etc.)

Data listed as outlier and discarded due to field issues (i.e., equipment malfunction, interference, etc.)

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
0	6/27/2014 14:16:03	14.40	51.80	34.06	8.96	8.05	12.7	2.939	108.2	8.8	6.2	2.1
1	6/27/2014 14:31:03	14.36	51.80	34.06	9.15	8.07	4.8	2.913	110.4	7.1	5.0	1.7
2	6/27/2014 14:46:03	14.51	51.78	34.05	8.89	8.06	5.1	2.870	107.5	6.7	4.7	1.6
3	6/27/2014 15:01:03	14.75	51.80	34.08	8.69	8.05	5.2	2.796	105.6	6.5	4.6	1.6
4	6/27/2014 15:16:03	15.13	51.79	34.08	8.68	8.05	5.1	2.721	106.3	8.0	5.6	1.9
5	6/27/2014 15:31:03	15.84	51.66	33.99	8.48	8.03	5.5	2.651	105.3	5.9	4.1	1.4
6	6/27/2014 15:46:03	15.72	51.88	34.16	8.76	8.06	5.7	2.572	108.6	5.8	4.1	1.4
7	6/27/2014 16:01:03	15.93	51.79	34.09	8.85	8.06	5.2	2.481	110.2	4.7	3.3	1.1
8	6/27/2014 16:16:03	16.61	51.78	34.10	7.73	7.99	4.7	2.416	97.6	4.0	2.8	1.0
9	6/27/2014 16:31:03	16.87	51.85	34.16	7.41	7.96	5.1	2.341	94.0	3.9	2.7	0.9
10	6/27/2014 16:46:03	17.21	51.86	34.16	7.26	7.95	5.9	2.278	92.7	3.5	2.5	0.8
11	6/27/2014 17:01:03	17.43	51.96	34.24	7.07	7.94	5.7	2.212	90.7	2.8	2.0	0.7
12	6/27/2014 17:16:03	17.60	51.97	34.25	7.66	7.98	5.6	2.155	98.6	3.3	2.3	0.8
13	6/27/2014 17:31:03	17.82	51.99	34.27	7.76	7.99	6.1	2.137	100.2	3.2	2.2	0.8
14	6/27/2014 17:46:03	17.99	51.98	34.26	7.57	7.97	3.9	2.091	98.2	2.8	2.0	0.7
15	6/27/2014 18:01:03	18.10	52.02	34.29	7.19	7.96	4.0	2.048	93.4	3.3	2.3	0.8
16	6/27/2014 18:16:03	18.15	52.00	34.28	8.13	8.01	4.5	2.020	105.7	3.5	2.5	0.8
17	6/27/2014 18:31:03	18.35	51.98	34.26	8.01	8.01	3.7	2.014	104.5	3.6	2.5	0.9
18	6/27/2014 18:46:03	17.89	52.09	34.34	8.40	8.04	4.0	2.002	108.8	3.5	2.5	0.8
19	6/27/2014 19:01:03	18.34	51.90	34.21	8.03	8.00	4.2	2.019	104.8	3.8	2.7	0.9
20	6/27/2014 19:16:03	18.36	52.01	34.29	7.71	7.98	4.3	2.045	100.7	4.3	3.0	1.0
21	6/27/2014 19:31:03	18.15	52.00	34.27	7.59	7.97	5.5	2.080	98.8	3.8	2.7	0.9
22	6/27/2014 19:46:03	18.06	51.97	34.25	7.46	7.95	5.5	2.137	96.8	4.2	2.9	1.0
23	6/27/2014 20:01:03	17.95	51.96	34.25	7.33	7.94	5.5	2.192	94.9	3.9	2.7	0.9
24	6/27/2014 20:16:03	17.98	51.91	34.21	7.40	7.95	7.3	2.257	95.9	3.5	2.5	0.8
25	6/27/2014 20:31:03	17.65	51.89	34.19	7.50	7.96	6.2	2.333	96.6	3.9	2.7	0.9
26	6/27/2014 20:46:03	17.33	51.88	34.18	7.65	7.97	6.5	2.402	97.9	4.8	3.4	1.1
27	6/27/2014 21:01:03	16.95	51.80	34.12	7.86	7.99	7.5	2.475	99.8	5.5	3.9	1.3
28	6/27/2014 21:16:03	16.37	51.77	34.09	8.07	8.00	7.1	2.546	101.3	6.5	4.6	1.5
29	6/27/2014 21:31:03	15.95	51.73	34.05	8.24	8.02	7.3	2.626	102.6	6.7	4.7	1.6
30	6/27/2014 21:46:03	15.70	51.72	34.04	8.34	8.03	7.9	2.705	103.3	7.8	5.5	1.9
31	6/27/2014 22:01:03	15.51	51.69	34.01	8.46	8.04	6.3	2.781	104.4	7.9	5.5	1.9
32	6/27/2014 22:16:03	15.32	51.65	33.98	8.69	8.06	7.8	2.865	106.8	7.8	5.5	1.9
33	6/27/2014 22:31:03	14.90	51.61	33.94	9.10	8.09	7.5	2.953	110.9	8.5	6.0	2.0
34	6/27/2014 22:46:03	14.45	51.60	33.92	9.65	8.14	7.3	3.027	116.6	12.6	8.8	3.0
35	6/27/2014 23:01:03	14.22	51.59	33.90	9.91	8.16	7.6	3.107	119.1	13.5	9.5	3.2
36	6/27/2014 23:16:03	13.91	51.56	33.87	10.43	8.21	8.3	3.190	124.5	14.2	9.9	3.4
37	6/27/2014 23:31:03	13.62	51.58	33.88	11.09	8.26	7.8	3.257	131.7	18.0	12.6	4.3
38	6/27/2014 23:46:03	13.46	51.55	33.85	11.42	8.28	5.1	3.309	135.1	19.1	13.4	4.5
39	6/28/2014 0:01:03	13.30	51.59	33.87	11.67	8.30	4.5	3.369	137.6	27.5	19.3	6.5
40	6/28/2014 0:16:03	13.16	51.59	33.87	11.81	8.31	3.8	3.419	138.9	19.2	13.4	4.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
41	6/28/2014 0:31:03	13.09	51.56	33.84	11.91	8.32	2.1	3.433	139.8	21.2	14.8	5.0
42	6/28/2014 0:46:03	13.71	51.52	33.84	10.96	8.26	4.4	3.440	130.4	14.7	10.3	3.5
43	6/28/2014 1:01:03	13.26	51.61	33.88	11.50	8.30	4.0	3.445	135.5	10.7	7.5	2.5
44	6/28/2014 1:16:03	13.45	51.56	33.86	11.22	8.28	4.8	3.406	132.7	14.5	10.2	3.4
45	6/28/2014 1:31:03	13.35	51.54	33.84	11.48	8.30	4.2	3.348	135.5	14.8	10.4	3.5
46	6/28/2014 1:46:03	13.89	51.51	33.84	10.26	8.22	5.8	3.280	122.4	10.9	7.6	2.6
47	6/28/2014 2:01:03	14.36	51.60	33.91	9.58	8.16	8.3	3.196	115.5	10.8	7.6	2.6
48	6/28/2014 2:16:03	13.99	51.71	33.98	10.16	8.20	5.7	3.094	121.6	14.1	9.9	3.3
49	6/28/2014 2:31:03	15.08	51.57	33.91	8.81	8.09	7.5	2.999	107.7	7.9	5.5	1.9
50	6/28/2014 2:46:03	15.16	51.67	33.99	8.76	8.09	7.5	2.895	107.3	8.2	5.7	1.9
51	6/28/2014 3:01:03	15.33	51.60	33.94	8.61	8.07	6.8	2.776	105.8	8.5	6.0	2.0
52	6/28/2014 3:16:03	15.43	51.68	34.00	8.44	8.06	7.0	2.674	103.9	6.9	4.8	1.6
53	6/28/2014 3:31:03	15.80	51.67	34.01	7.92	8.02	7.3	2.551	98.3	5.5	3.9	1.3
54	6/28/2014 3:46:03	16.23	51.72	34.05	7.48	7.98	7.1	2.435	93.6	4.3	3.0	1.0
55	6/28/2014 4:01:03	16.45	51.74	34.07	7.09	7.95	6.8	2.312	89.2	4.0	2.8	1.0
56	6/28/2014 4:16:03	16.57	51.78	34.10	7.26	7.96	7.9	2.181	91.6	4.7	3.3	1.1
57	6/28/2014 4:31:03	16.33	51.73	34.06	7.22	7.96	7.5	2.060	90.6	3.6	2.5	0.9
58	6/28/2014 4:46:03	16.58	51.79	34.10	7.27	7.97	8.1	1.924	91.7	3.4	2.4	0.8
59	6/28/2014 5:01:03	16.76	51.79	34.11	7.11	7.95	8.5	1.774	89.9	3.6	2.5	0.8
60	6/28/2014 5:16:03	17.14	51.85	34.16	6.86	7.93	9.7	1.648	87.5	3.6	2.5	0.8
61	6/28/2014 5:31:03	17.28	51.81	34.13	6.63	7.91	8.9	1.513	84.7	3.0	2.1	0.7
62	6/28/2014 5:46:03	17.51	51.82	34.14	6.46	7.89	8.1	1.391	82.9	3.1	2.2	0.7
63	6/28/2014 6:01:03	17.66	51.82	34.14	6.35	7.88	7.6	1.258	81.8	3.2	2.2	0.8
64	6/28/2014 6:16:03	17.90	51.90	34.20	6.31	7.88	6.5	1.147	81.7	3.1	2.2	0.7
65	6/28/2014 6:31:03	18.01	52.02	34.29	6.23	7.88	6.4	1.051	80.9	3.2	2.2	0.8
66	6/28/2014 6:46:03	18.16	51.94	34.24	6.18	7.87	5.9	0.952	80.3	2.9	2.0	0.7
67	6/28/2014 7:01:03	18.43	52.05	34.31	6.13	7.87	5.1	0.914	80.1	3.3	2.3	0.8
68	6/28/2014 7:16:03	18.57	52.11	34.36	6.03	7.86	4.5	0.887	79.1	3.9	2.7	0.9
69	6/28/2014 7:31:03	18.69	51.89	34.20	5.87	7.86	5.7	0.913	77.1	3.1	2.2	0.7
70	6/28/2014 7:46:03	19.11	52.09	34.35	6.13	7.87	4.8	0.951	81.2	3.2	2.2	0.8
71	6/28/2014 8:01:03	19.04	52.18	34.41	6.20	7.88	4.3	1.009	82.1	3.2	2.2	0.8
72	6/28/2014 8:16:03	19.20	52.10	34.35	6.26	7.88	5.4	1.085	83.0	3.0	2.1	0.7
73	6/28/2014 8:31:03	19.13	52.14	34.39	6.26	7.88	4.6	1.143	83.0	3.3	2.3	0.8
74	6/28/2014 8:46:02	19.04	52.15	34.39	6.22	7.88	5.0	1.232	82.3	2.9	2.0	0.7
75	6/28/2014 9:01:03	19.03	51.98	34.27	6.03	7.85	7.6	1.313	79.8	4.1	2.9	1.0
76	6/28/2014 9:16:02	18.94	51.99	34.27	5.96	7.84	7.9	1.387	78.7	3.5	2.5	0.8
77	6/28/2014 9:31:03	18.84	51.98	34.27	6.04	7.85	8.1	1.456	79.6	3.5	2.5	0.8
78	6/28/2014 9:46:03	18.61	52.02	34.29	6.16	7.86	7.7	1.548	80.8	3.6	2.5	0.9
79	6/28/2014 10:01:03	18.46	51.99	34.27	6.25	7.87	7.5	1.645	81.7	2.7	1.9	0.6
80	6/28/2014 10:16:03	18.36	52.00	34.28	6.26	7.87	6.7	1.716	81.7	2.9	2.0	0.7
81	6/28/2014 10:31:03	18.13	52.02	34.30	6.35	7.88	7.1	1.828	82.5	3.1	2.2	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
82	6/28/2014 10:46:03	17.82	51.95	34.24	6.50	7.89	7.2	1.922	84.0	3.4	2.4	0.8
83	6/28/2014 11:01:03	17.69	51.92	34.21	6.57	7.90	7.1	2.017	84.6	3.4	2.4	0.8
84	6/28/2014 11:16:03	17.54	51.90	34.20	6.67	7.90	7.9	2.121	85.8	3.2	2.2	0.8
85	6/28/2014 11:31:03	17.34	51.90	34.20	6.85	7.92	8.3	2.216	87.6	4.0	2.8	0.9
86	6/28/2014 11:46:03	17.15	51.88	34.18	7.05	7.93	8.8	2.312	89.9	3.6	2.5	0.9
87	6/28/2014 12:01:03	17.03	51.86	34.16	7.21	7.95	7.9	2.396	91.8	4.6	3.2	1.1
88	6/28/2014 12:16:03	16.84	51.84	34.15	7.27	7.96	8.9	2.479	92.1	4.7	3.3	1.1
89	6/28/2014 12:31:03	16.61	51.80	34.11	7.42	7.97	9.6	2.566	93.7	4.9	3.4	1.2
90	6/28/2014 12:46:03	16.24	51.78	34.10	7.92	8.02	9.8	2.639	99.1	6.2	4.3	1.5
91	6/28/2014 13:01:03	15.92	51.75	34.06	8.31	8.05	10.2	2.709	103.4	6.6	4.6	1.6
92	6/28/2014 13:16:03	15.29	51.77	34.07	8.97	8.10	9.2	2.778	110.2	9.3	6.5	2.2
93	6/28/2014 13:31:03	14.96	51.71	34.01	9.33	8.14	9.6	2.843	113.9	10.6	7.4	2.5
94	6/28/2014 13:46:03	14.73	51.70	34.00	9.74	8.17	7.4	2.901	118.4	12.0	8.4	2.8
95	6/28/2014 14:01:03	14.56	51.70	34.00	9.96	8.19	7.3	2.947	120.6	12.6	8.8	3.0
96	6/28/2014 14:16:04	14.48	51.68	33.98	10.11	8.21	4.0	2.988	122.3	9.4	6.6	2.2
97	6/28/2014 14:31:04	14.45	51.65	33.96	10.01	8.21	2.8	3.004	120.9	9.1	6.4	2.2
98	6/28/2014 14:46:04	14.64	51.78	34.06	9.80	8.19	4.0	3.009	118.9	6.3	4.4	1.5
99	6/28/2014 15:01:03	14.53	51.68	33.98	9.94	8.20	4.7	2.983	120.3	6.4	4.5	1.5
100	6/28/2014 15:16:03	14.61	51.64	33.96	9.79	8.19	4.3	2.941	118.7	8.4	5.9	2.0
101	6/28/2014 15:31:04	15.03	51.66	33.98	9.51	8.16	3.9	2.887	116.3	7.6	5.3	1.8
102	6/28/2014 15:46:03	16.28	51.62	33.97	9.18	8.12	6.3	2.818	115.0	6.1	4.3	1.4
103	6/28/2014 16:01:03	16.43	51.71	34.05	8.99	8.12	10.0	2.730	113.0	5.6	3.9	1.3
104	6/28/2014 16:16:04	16.50	51.68	34.03	9.02	8.12	8.8	2.660	113.5	5.7	4.0	1.3
105	6/28/2014 16:31:03	16.61	51.71	34.05	8.99	8.11	7.2	2.580	113.4	5.1	3.6	1.2
106	6/28/2014 16:46:03	16.93	51.72	34.06	8.75	8.09	6.2	2.505	111.1	4.5	3.2	1.1
107	6/28/2014 17:01:03	17.24	51.63	34.00	8.52	8.07	9.1	2.428	108.8	4.2	2.9	1.0
108	6/28/2014 17:16:03	17.69	51.73	34.07	8.12	8.03	9.0	2.360	104.5	4.0	2.8	0.9
109	6/28/2014 17:31:03	17.85	51.86	34.17	8.15	8.05	7.7	2.304	105.4	3.4	2.4	0.8
110	6/28/2014 17:46:03	18.14	51.84	34.16	8.02	8.02	6.8	2.234	104.2	4.0	2.8	1.0
111	6/28/2014 18:01:03	18.32	51.95	34.24	7.75	8.02	5.7	2.188	101.1	3.2	2.2	0.8
112	6/28/2014 18:16:03	18.42	51.92	34.22	8.13	8.03	5.7	2.132	106.2	3.6	2.5	0.8
113	6/28/2014 18:31:03	18.57	51.96	34.25	7.86	8.01	6.5	2.089	103.0	3.4	2.4	0.8
114	6/28/2014 18:46:03	18.55	51.93	34.23	8.16	8.04	5.5	2.059	106.9	3.8	2.7	0.9
115	6/28/2014 19:01:03	18.61	51.91	34.22	7.69	8.02	4.2	2.028	100.9	2.3	1.6	0.5
116	6/28/2014 19:16:03	18.62	51.96	34.25	7.12	7.97	4.8	2.021	93.4	2.2	1.5	0.5
117	6/28/2014 19:31:03	18.34	52.04	34.31	8.79	8.11	6.5	2.021	114.8	4.9	3.4	1.2
118	6/28/2014 19:46:03	18.57	51.84	34.16	8.45	8.06	6.5	2.046	110.7	4.1	2.9	1.0
119	6/28/2014 20:01:02	18.67	51.90	34.21	8.16	8.02	6.4	2.064	107.2	3.9	2.7	0.9
120	6/28/2014 20:16:03	18.90	52.01	34.29	7.95	8.00	5.5	2.098	104.9	3.9	2.7	0.9
121	6/28/2014 20:31:03	19.06	52.04	34.31	7.91	7.99	5.6	2.175	104.6	3.8	2.7	0.9
122	6/28/2014 20:46:03	18.85	52.02	34.30	7.85	7.98	7.8	2.231	103.4	4.3	3.0	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
123	6/28/2014 21:01:03	18.93	51.99	34.27	7.74	7.98	8.4	2.298	102.1	4.4	3.1	1.0
124	6/28/2014 21:16:03	18.93	52.04	34.31	7.73	7.97	9.8	2.356	102.1	4.3	3.0	1.0
125	6/28/2014 21:31:03	18.47	51.98	34.27	7.86	7.99	8.3	2.435	102.8	5.1	3.6	1.2
126	6/28/2014 21:46:03	18.10	51.95	34.24	8.05	8.01	8.3	2.512	104.6	4.6	3.2	1.1
127	6/28/2014 22:01:03	17.49	51.84	34.16	8.36	8.04	9.2	2.579	107.3	6.3	4.4	1.5
128	6/28/2014 22:16:03	16.63	51.85	34.15	8.67	8.08	8.6	2.649	109.5	5.4	3.8	1.3
129	6/28/2014 22:31:03	16.27	51.75	34.07	8.92	8.10	7.6	2.746	111.7	6.8	4.8	1.6
130	6/28/2014 22:46:03	16.02	51.74	34.06	9.07	8.11	7.7	2.814	113.0	7.9	5.5	1.9
131	6/28/2014 23:01:03	15.88	51.75	34.06	9.15	8.12	7.6	2.885	113.7	9.3	6.5	2.2
132	6/28/2014 23:16:04	15.49	51.75	34.06	9.42	8.15	7.4	2.965	116.2	9.5	6.7	2.3
133	6/28/2014 23:31:03	15.11	51.69	34.00	9.72	8.18	7.8	3.053	119.0	9.7	6.8	2.3
134	6/28/2014 23:46:04	14.82	51.68	33.99	9.95	8.21	7.8	3.113	121.1	11.0	7.7	2.6
135	6/29/2014 0:01:03	14.38	51.70	33.99	10.44	8.25	8.6	3.186	125.9	11.6	8.1	2.8
136	6/29/2014 0:16:04	14.25	51.71	33.99	10.55	8.26	6.7	3.244	126.9	15.1	10.6	3.6
137	6/29/2014 0:31:03	13.95	51.73	34.00	10.73	8.28	5.3	3.308	128.3	14.6	10.2	3.5
138	6/29/2014 0:46:03	13.89	51.69	33.96	10.78	8.28	3.7	3.336	128.7	20.0	14.0	4.7
139	6/29/2014 1:01:04	13.89	51.62	33.92	10.57	8.28	3.9	3.364	126.2	17.5	12.3	4.1
140	6/29/2014 1:16:04	15.32	51.29	33.72	9.09	8.19	6.2	3.395	111.6	7.9	5.5	1.9
141	6/29/2014 1:31:03	13.92	51.96	34.17	10.38	8.26	3.2	3.386	124.2	9.3	6.5	2.2
142	6/29/2014 1:46:03	13.94	51.70	33.98	10.40	8.26	2.6	3.360	124.3	7.3	5.1	1.7
143	6/29/2014 2:01:03	14.05	51.61	33.92	10.18	8.25	2.9	3.324	121.9	8.7	6.1	2.1
144	6/29/2014 2:16:04	14.47	51.62	33.94	9.60	8.21	3.6	3.256	116.0	7.5	5.3	1.8
145	6/29/2014 2:31:03	14.52	51.70	34.00	9.48	8.20	5.3	3.177	114.7	7.0	4.9	1.7
146	6/29/2014 2:46:04	14.49	51.64	33.95	9.54	8.19	5.1	3.099	115.4	8.4	5.9	2.0
147	6/29/2014 3:01:03	14.33	51.71	34.00	9.69	8.21	5.2	3.012	116.8	7.3	5.1	1.7
148	6/29/2014 3:16:04	14.98	51.62	33.95	9.04	8.15	5.1	2.915	110.4	6.7	4.7	1.6
149	6/29/2014 3:31:03	15.85	51.71	34.04	8.33	8.09	7.9	2.812	103.5	6.0	4.2	1.4
150	6/29/2014 3:46:03	16.29	51.70	34.04	7.92	8.04	7.6	2.705	99.3	4.5	3.2	1.1
151	6/29/2014 4:01:03	16.70	51.77	34.10	7.29	7.99	9.4	2.608	92.1	4.6	3.2	1.1
152	6/29/2014 4:16:03	17.07	51.83	34.15	6.97	7.95	8.1	2.497	88.8	3.7	2.6	0.9
153	6/29/2014 4:31:03	17.26	51.93	34.22	7.01	7.98	9.8	2.363	89.6	3.8	2.7	0.9
154	6/29/2014 4:46:03	17.37	51.86	34.17	7.18	7.97	16.3	2.256	91.9	4.2	2.9	1.0
155	6/29/2014 5:01:03	17.14	51.92	34.21	7.49	8.00	10.9	2.141	95.5	3.9	2.7	0.9
156	6/29/2014 5:16:03	17.11	51.93	34.22	7.31	7.99	9.0	2.007	93.2	3.9	2.7	0.9
157	6/29/2014 5:31:03	16.91	51.96	34.24	7.29	7.98	9.7	1.877	92.6	3.9	2.7	0.9
158	6/29/2014 5:46:03	17.15	52.08	34.33	7.21	7.97	9.7	1.756	92.0	3.9	2.7	0.9
159	6/29/2014 6:01:03	17.45	51.97	34.25	6.98	7.96	8.9	1.630	89.5	3.2	2.2	0.8
160	6/29/2014 6:16:03	17.68	52.04	34.31	6.75	7.93	8.6	1.492	87.0	3.9	2.7	0.9
161	6/29/2014 6:31:03	17.72	51.97	34.26	6.72	7.92	8.7	1.377	86.7	2.9	2.0	0.7
162	6/29/2014 6:46:03	17.86	52.02	34.29	6.69	7.92	7.7	1.278	86.6	3.0	2.1	0.7
163	6/29/2014 7:01:03	18.00	52.06	34.32	6.62	7.91	6.5	1.194	85.8	2.9	2.0	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
164	6/29/2014 7:16:03	18.08	52.07	34.33	6.57	7.91	6.5	1.121	85.3	2.9	2.0	0.7
165	6/29/2014 7:31:03	18.24	52.11	34.36	6.49	7.90	6.3	1.062	84.6	3.3	2.3	0.8
166	6/29/2014 7:46:03	18.39	52.12	34.36	6.41	7.89	4.9	1.027	83.8	2.4	1.7	0.6
167	6/29/2014 8:01:03	18.28	52.18	34.41	6.18	7.88	5.6	1.040	80.6	2.3	1.6	0.6
168	6/29/2014 8:16:03	18.54	52.14	34.38	6.35	7.89	5.5	1.063	83.3	3.2	2.2	0.8
169	6/29/2014 8:31:03	18.64	52.14	34.38	6.38	7.89	5.1	1.097	83.9	2.9	2.0	0.7
170	6/29/2014 8:46:03	18.76	52.20	34.43	6.34	7.89	5.2	1.163	83.5	2.9	2.0	0.7
171	6/29/2014 9:01:03	18.89	52.21	34.44	6.34	7.90	5.3	1.233	83.7	3.1	2.2	0.7
172	6/29/2014 9:16:03	18.89	52.21	34.44	6.42	7.90	5.2	1.312	84.7	2.9	2.0	0.7
173	6/29/2014 9:31:03	18.81	52.19	34.42	6.44	7.90	5.6	1.400	84.8	3.2	2.2	0.7
174	6/29/2014 9:46:03	18.85	52.16	34.40	6.36	7.89	7.3	1.466	83.9	4.0	2.8	0.9
175	6/29/2014 10:01:03	18.86	52.15	34.39	6.30	7.88	8.1	1.566	83.0	3.0	2.1	0.7
176	6/29/2014 10:16:03	18.65	52.13	34.37	6.47	7.90	7.6	1.632	85.0	3.4	2.4	0.8
177	6/29/2014 10:31:03	18.55	52.10	34.36	6.54	7.90	7.5	1.702	85.7	3.6	2.5	0.8
178	6/29/2014 10:46:03	18.51	52.11	34.36	6.60	7.91	6.8	1.808	86.5	3.1	2.2	0.7
179	6/29/2014 11:01:03	18.43	52.10	34.35	6.61	7.91	6.5	1.895	86.5	2.4	1.7	0.6
180	6/29/2014 11:16:03	18.11	52.04	34.31	6.80	7.93	7.9	1.997	88.4	2.8	2.0	0.7
181	6/29/2014 11:31:03	17.82	51.98	34.26	7.05	7.95	7.9	2.079	91.1	3.7	2.6	0.9
182	6/29/2014 11:46:03	17.64	51.97	34.25	7.19	7.95	8.4	2.175	92.5	3.3	2.3	0.8
183	6/29/2014 12:01:03	17.57	51.95	34.24	7.23	7.96	7.8	2.279	93.0	3.4	2.4	0.8
184	6/29/2014 12:16:03	17.42	51.93	34.22	7.41	7.98	8.7	2.365	95.0	3.7	2.6	0.9
185	6/29/2014 12:31:03	17.30	51.91	34.20	7.64	8.00	9.2	2.448	97.7	4.7	3.3	1.1
186	6/29/2014 12:46:03	17.23	51.86	34.17	7.76	8.01	9.7	2.532	99.2	4.3	3.0	1.0
187	6/29/2014 13:01:03	17.01	51.82	34.13	7.82	8.02	9.4	2.612	99.5	4.7	3.3	1.1
188	6/29/2014 13:16:03	16.71	51.78	34.10	8.14	8.05	11.0	2.687	102.8	6.3	4.4	1.5
189	6/29/2014 13:31:03	16.41	51.76	34.09	8.40	8.08	9.9	2.766	105.5	5.5	3.9	1.3
190	6/29/2014 13:46:03	15.94	51.74	34.06	8.73	8.10	8.9	2.829	108.7	7.5	5.3	1.8
191	6/29/2014 14:01:03	15.46	51.70	34.02	9.02	8.13	8.7	2.888	111.3	7.8	5.5	1.8
192	6/29/2014 14:16:03	15.07	51.69	34.00	9.22	8.16	8.9	2.944	112.8	9.8	6.9	2.3
193	6/29/2014 14:31:03	14.96	51.69	34.00	9.30	8.17	8.3	2.991	113.5	8.2	5.7	1.9
194	6/29/2014 14:46:04	14.92	51.69	34.00	9.29	8.17	6.4	3.030	113.3	12.0	8.4	2.8
195	6/29/2014 15:01:03	14.92	51.69	34.00	8.97	8.16	4.1	3.050	109.4	8.3	5.8	2.0
196	6/29/2014 15:16:04	14.92	51.74	34.04	8.87	8.16	4.2	3.063	108.2	9.2	6.4	2.2
197	6/29/2014 15:31:04	14.92	51.69	34.00	9.20	8.17	4.3	3.046	112.2	8.2	5.7	2.0
198	6/29/2014 15:46:04	14.99	51.69	34.00	9.05	8.15	5.6	2.995	110.5	7.9	5.5	1.9
199	6/29/2014 16:01:04	15.74	51.70	34.03	9.02	8.15	8.7	2.951	111.8	6.2	4.3	1.5
200	6/29/2014 16:16:03	16.33	51.72	34.05	8.79	8.14	13.4	2.884	110.3	7.5	5.3	1.8
201	6/29/2014 16:31:03	16.38	51.77	34.09	8.78	8.14	16.9	2.821	110.2	8.7	6.1	2.1
202	6/29/2014 16:46:03	16.34	51.80	34.11	8.75	8.14	15.5	2.738	109.8	7.7	5.4	1.8
203	6/29/2014 17:01:03	16.37	51.75	34.07	8.74	8.14	15.3	2.657	109.7	7.3	5.1	1.7
204	6/29/2014 17:16:03	16.42	51.78	34.09	8.69	8.14	13.8	2.588	109.3	8.0	5.6	1.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
205	6/29/2014 17:31:03	16.84	51.83	34.14	8.58	8.12	13.8	2.524	108.7	7.3	5.1	1.7
206	6/29/2014 17:46:03	17.28	51.89	34.19	8.35	8.10	15.1	2.463	106.7	5.8	4.1	1.4
207	6/29/2014 18:01:03	17.87	51.91	34.21	8.08	8.06	16.6	2.387	104.5	5.4	3.8	1.3
208	6/29/2014 18:16:03	18.00	51.93	34.23	7.97	8.05	13.9	2.339	103.4	5.5	3.9	1.3
209	6/29/2014 18:31:03	18.13	51.99	34.27	7.94	8.05	10.9	2.278	103.3	5.0	3.5	1.2
210	6/29/2014 18:46:03	18.19	51.99	34.27	7.97	8.05	14.8	2.247	103.8	4.0	2.8	0.9
211	6/29/2014 19:01:03	18.34	52.01	34.29	7.88	8.04	16.7	2.193	102.8	4.8	3.4	1.1
212	6/29/2014 19:16:03	18.43	52.00	34.28	7.87	8.04	16.4	2.141	103.0	4.8	3.4	1.1
213	6/29/2014 19:31:03	18.81	52.08	34.34	7.82	8.03	15.1	2.113	103.0	4.8	3.4	1.1
214	6/29/2014 19:46:03	19.22	52.14	34.38	7.62	8.02	12.6	2.092	101.1	4.7	3.3	1.1
215	6/29/2014 20:01:03	19.29	52.14	34.39	7.52	8.00	14.4	2.081	100.0	4.9	3.4	1.2
216	6/29/2014 20:16:03	19.35	52.12	34.37	6.92	7.98	11.5	2.081	92.0	3.8	2.7	0.9
217	6/29/2014 20:31:03	19.53	52.16	34.40	7.28	7.99	13.6	2.112	97.2	4.2	2.9	1.0
218	6/29/2014 20:46:03	19.30	52.14	34.39	7.48	8.00	13.4	2.142	99.5	4.9	3.4	1.2
219	6/29/2014 21:01:03	19.34	52.13	34.38	7.42	7.99	14.0	2.188	98.7	4.5	3.2	1.1
220	6/29/2014 21:16:03	19.24	52.13	34.37	7.42	7.98	14.1	2.239	98.6	5.2	3.6	1.2
221	6/29/2014 21:31:03	19.38	52.08	34.34	7.44	7.99	14.2	2.300	99.0	4.8	3.4	1.1
222	6/29/2014 21:46:03	19.30	52.07	34.33	7.57	7.99	14.7	2.375	100.6	5.7	4.0	1.3
223	6/29/2014 22:01:03	18.77	52.02	34.30	7.64	8.00	13.6	2.439	100.6	4.6	3.2	1.1
224	6/29/2014 22:16:03	18.57	52.00	34.28	7.73	8.01	13.7	2.514	101.3	5.3	3.7	1.3
225	6/29/2014 22:31:03	17.93	51.92	34.22	7.95	8.04	14.2	2.582	102.9	6.4	4.5	1.5
226	6/29/2014 22:46:03	17.59	51.88	34.19	7.99	8.04	16.2	2.655	102.8	5.9	4.1	1.4
227	6/29/2014 23:01:03	16.47	51.82	34.13	8.35	8.08	11.3	2.725	105.1	7.0	4.9	1.7
228	6/29/2014 23:16:03	16.13	51.81	34.11	8.46	8.09	10.0	2.796	105.8	7.1	5.0	1.7
229	6/29/2014 23:31:03	16.03	51.80	34.11	8.49	8.10	9.3	2.875	105.9	6.8	4.8	1.6
230	6/29/2014 23:46:03	15.66	51.78	34.09	8.56	8.10	9.6	2.938	105.9	8.5	6.0	2.0
231	6/30/2014 0:01:04	15.09	51.78	34.07	8.65	8.11	11.4	3.014	105.8	9.5	6.7	2.3
232	6/30/2014 0:16:04	14.55	51.77	34.05	8.83	8.12	10.1	3.074	106.9	11.1	7.8	2.6
233	6/30/2014 0:31:04	14.40	51.77	34.04	8.81	8.12	11.9	3.146	106.3	12.4	8.7	2.9
234	6/30/2014 0:46:04	14.21	51.76	34.03	8.84	8.13	9.3	3.210	106.3	11.0	7.7	2.6
235	6/30/2014 1:01:04	14.04	51.75	34.02	8.85	8.12	8.1	3.255	106.1	11.8	8.3	2.8
236	6/30/2014 1:16:04	13.83	51.74	34.01	8.83	8.12	6.1	3.307	105.4	10.5	7.4	2.5
237	6/30/2014 1:31:04	13.71	51.74	34.00	8.72	8.12	4.3	3.346	103.9	10.0	7.0	2.4
238	6/30/2014 1:46:03	13.59	51.77	34.02	8.60	8.11	4.8	3.361	102.1	10.8	7.6	2.6
239	6/30/2014 2:01:03	14.21	52.03	34.23	8.43	8.09	4.3	3.373	101.5	9.7	6.8	2.3
240	6/30/2014 2:16:04	13.71	51.88	34.10	8.49	8.10	4.4	3.359	101.1	7.8	5.5	1.9
241	6/30/2014 2:31:04	13.53	51.80	34.03	8.49	8.10	4.8	3.339	100.6	9.4	6.6	2.2
242	6/30/2014 2:46:03	13.95	51.95	34.16	8.36	8.10	5.4	3.280	100.1	6.7	4.7	1.6
243	6/30/2014 3:01:03	15.38	51.88	34.15	7.97	8.07	6.0	3.220	98.2	7.2	5.0	1.7
244	6/30/2014 3:16:03	14.96	51.87	34.13	8.07	8.07	6.1	3.138	98.6	6.5	4.6	1.5
245	6/30/2014 3:31:03	14.80	51.82	34.09	8.17	8.08	6.7	3.051	99.5	7.7	5.4	1.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
246	6/30/2014 3:46:04	15.00	51.87	34.13	8.09	8.07	6.2	2.961	98.9	6.6	4.6	1.6
247	6/30/2014 4:01:03	15.75	51.92	34.19	7.72	8.04	10.5	2.857	95.9	5.6	3.9	1.3
248	6/30/2014 4:16:03	16.03	51.90	34.18	7.60	8.03	11.4	2.758	94.8	5.0	3.5	1.2
249	6/30/2014 4:31:03	16.63	52.00	34.26	7.09	7.99	10.1	2.660	89.6	4.4	3.1	1.0
250	6/30/2014 4:46:03	16.96	52.03	34.29	6.81	7.97	10.3	2.566	86.6	3.8	2.7	0.9
251	6/30/2014 5:01:03	17.36	52.06	34.32	6.72	7.95	10.3	2.451	86.2	3.9	2.7	0.9
252	6/30/2014 5:16:03	17.41	52.05	34.31	6.84	7.96	13.4	2.344	87.8	3.6	2.5	0.9
253	6/30/2014 5:31:03	17.43	52.07	34.33	6.45	7.93	11.9	2.234	82.8	3.5	2.5	0.8
254	6/30/2014 5:46:03	17.01	52.06	34.31	6.57	7.93	10.0	2.120	83.6	3.7	2.6	0.9
255	6/30/2014 6:01:03	16.93	52.07	34.32	6.69	7.94	10.1	1.987	85.1	3.7	2.6	0.9
256	6/30/2014 6:16:03	16.82	52.07	34.32	6.64	7.94	9.3	1.871	84.3	3.1	2.2	0.7
257	6/30/2014 6:31:03	17.25	52.08	34.33	6.60	7.93	11.5	1.754	84.5	3.4	2.4	0.8
258	6/30/2014 6:46:03	17.44	52.12	34.36	6.48	7.92	10.9	1.633	83.2	3.1	2.2	0.7
259	6/30/2014 7:01:03	17.50	52.13	34.37	6.31	7.91	9.9	1.520	81.1	3.3	2.3	0.8
260	6/30/2014 7:16:03	17.81	52.13	34.37	6.30	7.90	9.6	1.403	81.5	2.7	1.9	0.6
261	6/30/2014 7:31:03	18.11	52.18	34.41	6.28	7.90	10.9	1.303	81.6	2.8	2.0	0.7
262	6/30/2014 7:46:03	18.13	52.19	34.42	6.24	7.90	8.3	1.228	81.2	3.0	2.1	0.7
263	6/30/2014 8:01:03	18.37	52.22	34.44	6.17	7.90	7.3	1.165	80.7	3.2	2.2	0.8
264	6/30/2014 8:16:03	18.51	52.18	34.41	6.15	7.89	7.6	1.124	80.6	3.3	2.3	0.8
265	6/30/2014 8:31:03	18.67	52.25	34.46	6.02	7.89	6.0	1.108	79.2	3.1	2.2	0.7
266	6/30/2014 8:46:03	18.57	52.23	34.45	6.03	7.89	7.1	1.140	79.1	3.0	2.1	0.7
267	6/30/2014 9:01:03	18.98	52.30	34.51	5.90	7.88	5.9	1.159	78.0	2.4	1.7	0.6
268	6/30/2014 9:16:03	18.86	52.30	34.50	5.93	7.88	6.7	1.207	78.3	2.9	2.0	0.7
269	6/30/2014 9:31:03	19.07	52.33	34.53	5.81	7.88	6.7	1.276	77.0	2.7	1.9	0.6
270	6/30/2014 9:46:03	19.08	52.33	34.52	5.83	7.88	6.7	1.349	77.2	2.4	1.7	0.6
271	6/30/2014 10:01:03	19.01	52.30	34.50	5.82	7.88	7.2	1.418	77.0	2.5	1.8	0.6
272	6/30/2014 10:16:03	18.98	52.28	34.49	5.83	7.87	7.0	1.485	77.1	3.0	2.1	0.7
273	6/30/2014 10:31:03	18.93	52.27	34.48	5.85	7.87	6.9	1.572	77.3	3.1	2.2	0.7
274	6/30/2014 10:46:03	18.80	52.25	34.46	5.90	7.88	9.4	1.652	77.8	3.3	2.3	0.8
275	6/30/2014 11:01:03	18.64	52.22	34.44	6.03	7.89	7.9	1.737	79.3	2.8	2.0	0.7
276	6/30/2014 11:16:03	18.53	52.20	34.43	6.10	7.89	8.3	1.823	80.0	3.4	2.4	0.8
277	6/30/2014 11:31:03	18.40	52.18	34.41	6.13	7.90	8.3	1.910	80.1	3.0	2.1	0.7
278	6/30/2014 11:46:03	18.03	52.10	34.35	6.44	7.92	8.7	2.000	83.6	3.3	2.3	0.8
279	6/30/2014 12:01:03	17.85	52.06	34.32	6.71	7.94	8.1	2.095	86.8	3.0	2.1	0.7
280	6/30/2014 12:16:03	17.71	52.04	34.30	6.89	7.96	9.7	2.180	88.8	3.7	2.6	0.9
281	6/30/2014 12:31:03	17.64	52.02	34.29	6.95	7.96	9.7	2.278	89.6	3.7	2.6	0.9
282	6/30/2014 12:46:03	17.57	52.01	34.28	7.08	7.98	9.8	2.365	91.1	4.5	3.2	1.1
283	6/30/2014 13:01:03	17.49	51.98	34.26	7.25	7.99	9.9	2.450	93.1	3.5	2.5	0.8
284	6/30/2014 13:16:03	17.36	51.91	34.21	7.36	8.00	12.1	2.526	94.3	4.3	3.0	1.0
285	6/30/2014 13:31:03	16.99	51.90	34.19	7.40	8.01	11.7	2.605	94.1	5.0	3.5	1.2
286	6/30/2014 13:46:03	16.64	51.85	34.15	7.69	8.03	12.2	2.685	97.1	5.7	4.0	1.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
287	6/30/2014 14:01:03	16.32	51.84	34.14	7.88	8.04	13.4	2.756	98.8	5.5	3.9	1.3
288	6/30/2014 14:16:03	15.86	51.79	34.10	8.12	8.06	11.5	2.821	101.0	6.1	4.3	1.4
289	6/30/2014 14:31:03	15.26	51.81	34.10	8.37	8.07	11.9	2.903	102.8	8.1	5.7	1.9
290	6/30/2014 14:46:04	14.87	51.79	34.07	8.59	8.09	10.6	2.952	104.8	10.8	7.6	2.6
291	6/30/2014 15:01:04	14.66	51.80	34.07	8.72	8.10	10.0	3.004	105.8	9.5	6.7	2.3
292	6/30/2014 15:16:04	14.57	51.76	34.04	8.89	8.11	8.6	3.051	107.7	11.1	7.8	2.6
293	6/30/2014 15:31:04	14.47	51.79	34.06	8.82	8.11	5.2	3.078	106.6	13.5	9.5	3.2
294	6/30/2014 15:46:04	15.36	51.90	34.17	8.58	8.09	7.3	3.092	105.6	8.7	6.1	2.1
295	6/30/2014 16:01:04	14.61	51.80	34.07	8.69	8.10	6.4	3.083	105.4	8.5	6.0	2.0
296	6/30/2014 16:16:04	14.53	51.79	34.06	8.68	8.10	7.0	3.055	105.1	9.0	6.3	2.1
297	6/30/2014 16:31:04	14.66	51.79	34.06	8.58	8.09	7.9	3.004	104.2	7.7	5.4	1.8
298	6/30/2014 16:46:03	16.39	51.84	34.14	8.64	8.10	9.7	2.946	108.6	6.4	4.5	1.5
299	6/30/2014 17:01:03	16.46	51.84	34.14	8.92	8.11	7.0	2.880	112.2	6.2	4.3	1.5
300	6/30/2014 17:16:03	16.27	51.83	34.13	8.96	8.12	6.7	2.800	112.4	5.5	3.9	1.3
301	6/30/2014 17:31:03	16.34	51.82	34.13	9.00	8.11	6.4	2.724	112.9	5.6	3.9	1.3
302	6/30/2014 17:46:03	16.78	51.87	34.17	8.83	8.10	7.6	2.650	111.9	5.7	4.0	1.4
303	6/30/2014 18:01:03	17.03	51.93	34.22	8.89	8.10	7.7	2.570	113.1	6.3	4.4	1.5
304	6/30/2014 18:16:03	17.09	51.91	34.20	8.89	8.11	7.7	2.504	113.3	6.3	4.4	1.5
305	6/30/2014 18:31:03	17.55	51.92	34.22	8.63	8.09	8.4	2.444	110.9	5.1	3.6	1.2
306	6/30/2014 18:46:03	18.01	51.97	34.26	8.41	8.07	8.3	2.379	109.1	4.5	3.2	1.1
307	6/30/2014 19:01:03	18.21	52.01	34.29	8.54	8.08	7.8	2.307	111.3	4.0	2.8	1.0
308	6/30/2014 19:16:03	18.27	51.99	34.27	8.59	8.09	7.9	2.255	112.0	3.7	2.6	0.9
309	6/30/2014 19:31:03	18.46	52.04	34.31	8.49	8.08	6.7	2.223	111.1	4.7	3.3	1.1
310	6/30/2014 19:46:03	18.83	52.07	34.33	8.30	8.06	6.7	2.165	109.4	3.4	2.4	0.8
311	6/30/2014 20:01:03	19.21	52.08	34.34	8.22	8.05	6.1	2.120	109.1	3.9	2.7	0.9
312	6/30/2014 20:16:03	19.16	52.12	34.37	8.22	8.05	5.6	2.116	109.0	4.2	2.9	1.0
313	6/30/2014 20:31:03	19.57	52.11	34.36	7.93	8.03	5.2	2.097	106.0	3.6	2.5	0.8
314	6/30/2014 20:46:03	19.65	52.12	34.37	7.67	8.01	4.5	2.082	102.7	4.5	3.2	1.1
315	6/30/2014 21:01:03	19.50	52.14	34.39	7.81	8.02	5.0	2.092	104.2	4.0	2.8	1.0
316	6/30/2014 21:16:03	19.29	52.12	34.37	7.87	8.03	6.7	2.116	104.6	4.3	3.0	1.0
317	6/30/2014 21:31:03	19.20	52.12	34.37	7.78	8.02	7.5	2.146	103.2	4.8	3.4	1.1
318	6/30/2014 21:46:03	19.18	52.12	34.37	7.69	8.01	6.2	2.178	102.1	4.0	2.8	0.9
319	6/30/2014 22:01:03	19.01	52.08	34.34	7.63	8.00	6.8	2.250	100.9	4.2	2.9	1.0
320	6/30/2014 22:16:03	19.34	52.10	34.35	7.64	8.01	9.5	2.300	101.7	3.9	2.7	0.9
321	6/30/2014 22:31:03	18.82	52.04	34.31	7.68	8.01	8.9	2.365	101.2	4.2	2.9	1.0
322	6/30/2014 22:46:03	18.54	52.01	34.29	7.66	8.01	7.6	2.430	100.4	4.5	3.2	1.1
323	6/30/2014 23:01:03	18.27	51.96	34.25	7.74	8.02	7.4	2.494	100.8	4.4	3.1	1.0
324	6/30/2014 23:16:03	17.59	51.91	34.21	7.91	8.03	8.4	2.556	101.7	4.2	2.9	1.0
325	6/30/2014 23:31:03	17.12	51.91	34.20	7.93	8.03	8.2	2.619	101.0	4.5	3.2	1.1
326	6/30/2014 23:46:03	16.57	51.87	34.17	8.02	8.04	7.2	2.683	101.1	5.4	3.8	1.3
327	7/1/2014 0:01:03	16.35	51.87	34.16	8.01	8.04	7.3	2.743	100.6	5.1	3.6	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
328	7/1/2014 0:16:03	16.16	51.86	34.15	8.02	8.04	7.0	2.811	100.3	5.6	3.9	1.3
329	7/1/2014 0:31:03	15.88	51.85	34.14	8.10	8.05	6.1	2.876	100.8	5.8	4.1	1.4
330	7/1/2014 0:46:03	15.30	51.85	34.12	8.23	8.05	6.9	2.939	101.1	7.3	5.1	1.7
331	7/1/2014 1:01:03	14.94	51.84	34.11	8.29	8.05	7.8	3.001	101.2	7.8	5.5	1.9
332	7/1/2014 1:16:03	14.54	51.82	34.09	8.36	8.05	7.3	3.061	101.3	9.4	6.6	2.2
333	7/1/2014 1:31:04	14.27	51.82	34.07	8.43	8.05	6.6	3.105	101.5	8.2	5.7	2.0
334	7/1/2014 1:46:03	14.16	51.81	34.07	8.40	8.05	5.0	3.162	101.0	8.0	5.6	1.9
335	7/1/2014 2:01:03	13.96	51.82	34.07	8.40	8.05	5.6	3.201	100.6	7.6	5.3	1.8
336	7/1/2014 2:16:03	13.93	51.82	34.06	8.34	8.04	3.7	3.222	99.7	7.1	5.0	1.7
337	7/1/2014 2:31:04	13.81	51.87	34.10	7.61	8.01	3.0	3.239	90.8	6.8	4.8	1.6
338	7/1/2014 2:46:03	14.16	51.84	34.08	8.07	8.03	4.0	3.244	97.0	5.7	4.0	1.4
339	7/1/2014 3:01:04	13.85	51.83	34.07	8.11	8.03	4.3	3.226	96.9	4.9	3.4	1.2
340	7/1/2014 3:16:04	13.81	51.83	34.07	8.00	8.03	3.2	3.191	95.4	4.6	3.2	1.1
341	7/1/2014 3:31:04	14.02	51.83	34.07	7.95	8.02	4.0	3.145	95.2	5.2	3.6	1.2
342	7/1/2014 3:46:03	15.61	51.91	34.18	7.36	8.00	5.5	3.069	91.1	3.9	2.7	0.9
343	7/1/2014 4:01:03	15.34	51.88	34.15	7.47	8.00	6.1	3.011	91.9	3.8	2.7	0.9
344	7/1/2014 4:16:03	15.67	51.88	34.16	7.53	8.01	6.1	2.922	93.3	3.9	2.7	0.9
345	7/1/2014 4:31:03	15.64	51.90	34.17	7.54	8.00	6.5	2.832	93.4	4.3	3.0	1.0
346	7/1/2014 4:46:03	16.20	51.95	34.22	7.32	7.99	7.0	2.747	91.7	3.8	2.7	0.9
347	7/1/2014 5:01:03	16.72	52.00	34.26	7.03	7.97	7.8	2.653	89.0	2.9	2.0	0.7
348	7/1/2014 5:16:03	17.08	51.98	34.26	6.79	7.95	7.3	2.563	86.6	3.0	2.1	0.7
349	7/1/2014 5:31:03	17.29	52.04	34.30	6.71	7.95	7.6	2.460	85.8	3.1	2.2	0.7
350	7/1/2014 5:46:03	17.83	52.11	34.36	6.23	7.90	7.5	2.370	80.6	3.3	2.3	0.8
351	7/1/2014 6:01:03	17.94	52.11	34.36	6.41	7.93	8.0	2.264	83.0	2.9	2.0	0.7
352	7/1/2014 6:16:03	17.92	52.13	34.37	6.12	7.89	7.3	2.149	79.3	2.8	2.0	0.7
353	7/1/2014 6:31:03	17.93	52.09	34.34	6.35	7.92	7.4	2.041	82.3	2.8	2.0	0.7
354	7/1/2014 6:46:03	17.77	52.10	34.35	6.49	7.92	8.1	1.932	83.8	3.1	2.2	0.7
355	7/1/2014 7:01:03	17.91	52.12	34.36	6.56	7.93	7.7	1.817	85.0	2.8	2.0	0.7
356	7/1/2014 7:16:03	18.01	52.10	34.35	6.50	7.92	6.7	1.714	84.3	2.7	1.9	0.6
357	7/1/2014 7:31:03	17.95	52.13	34.37	6.44	7.91	6.7	1.604	83.5	3.1	2.2	0.7
358	7/1/2014 7:46:03	18.32	52.16	34.40	6.35	7.91	6.0	1.513	82.9	2.7	1.9	0.6
359	7/1/2014 8:01:03	18.44	52.19	34.42	6.32	7.91	5.7	1.423	82.8	2.2	1.5	0.5
360	7/1/2014 8:16:03	18.55	52.23	34.45	6.33	7.91	5.9	1.339	83.1	2.9	2.0	0.7
361	7/1/2014 8:31:03	18.91	52.24	34.46	6.33	7.91	5.1	1.290	83.7	2.7	1.9	0.6
362	7/1/2014 8:46:03	19.11	52.26	34.48	6.32	7.91	4.7	1.249	83.8	2.9	2.0	0.7
363	7/1/2014 9:01:03	19.37	52.32	34.52	6.30	7.91	5.0	1.234	83.9	2.6	1.8	0.6
364	7/1/2014 9:16:03	19.37	52.32	34.52	6.02	7.90	4.1	1.229	80.2	2.9	2.0	0.7
365	7/1/2014 9:31:03	19.56	52.36	34.54	6.27	7.91	4.2	1.262	83.8	3.1	2.2	0.7
366	7/1/2014 9:46:03	19.28	52.30	34.50	6.31	7.91	5.9	1.309	83.9	3.0	2.1	0.7
367	7/1/2014 10:01:03	19.44	52.33	34.53	6.29	7.91	5.7	1.355	84.0	3.0	2.1	0.7
368	7/1/2014 10:16:03	19.33	52.31	34.51	6.31	7.91	5.8	1.435	84.1	2.3	1.6	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
369	7/1/2014 10:31:03	19.25	52.30	34.50	6.32	7.91	6.5	1.509	84.0	3.7	2.6	0.9
370	7/1/2014 10:46:03	19.27	52.28	34.49	6.25	7.90	9.0	1.572	83.1	3.6	2.5	0.9
371	7/1/2014 11:01:03	19.25	52.26	34.47	6.22	7.90	9.2	1.664	82.7	4.7	3.3	1.1
372	7/1/2014 11:16:03	19.16	52.25	34.47	6.28	7.90	7.5	1.738	83.3	3.6	2.5	0.8
373	7/1/2014 11:31:03	19.05	52.22	34.44	6.33	7.91	7.0	1.824	83.8	3.4	2.4	0.8
374	7/1/2014 11:46:03	19.03	52.22	34.45	6.36	7.91	7.1	1.900	84.2	3.4	2.4	0.8
375	7/1/2014 12:01:03	18.89	52.21	34.44	6.37	7.91	7.1	1.980	84.1	3.0	2.1	0.7
376	7/1/2014 12:16:02	18.57	52.12	34.37	6.47	7.92	7.3	2.074	84.9	2.9	2.0	0.7
377	7/1/2014 12:31:03	18.28	52.10	34.36	6.67	7.93	8.1	2.143	87.0	3.0	2.1	0.7
378	7/1/2014 12:46:03	18.12	52.09	34.34	6.75	7.94	7.4	2.230	87.7	3.5	2.5	0.8
379	7/1/2014 13:01:03	17.81	52.05	34.31	6.87	7.95	7.2	2.323	88.8	3.6	2.5	0.9
380	7/1/2014 13:16:03	17.55	52.01	34.28	6.97	7.96	8.9	2.391	89.6	3.6	2.5	0.9
381	7/1/2014 13:31:03	17.37	51.98	34.26	7.06	7.97	8.0	2.467	90.5	3.9	2.7	0.9
382	7/1/2014 13:46:03	17.21	51.95	34.23	7.07	7.97	7.5	2.555	90.4	3.8	2.7	0.9
383	7/1/2014 14:01:03	16.99	51.94	34.23	7.12	7.97	8.9	2.636	90.5	3.4	2.4	0.8
384	7/1/2014 14:16:03	16.44	51.89	34.17	7.38	7.99	10.7	2.706	92.9	4.6	3.2	1.1
385	7/1/2014 14:31:03	16.17	51.89	34.17	7.49	7.99	9.1	2.778	93.7	4.6	3.2	1.1
386	7/1/2014 14:46:03	15.85	51.86	34.15	7.59	8.00	9.7	2.857	94.4	4.3	3.0	1.0
387	7/1/2014 15:01:03	15.44	51.83	34.12	7.76	8.01	8.6	2.922	95.6	5.6	3.9	1.3
388	7/1/2014 15:16:03	15.01	51.80	34.08	7.96	8.02	8.1	2.982	97.3	6.1	4.3	1.5
389	7/1/2014 15:31:04	14.71	51.80	34.08	8.07	8.03	7.8	3.045	98.1	7.3	5.1	1.7
390	7/1/2014 15:46:04	14.57	51.81	34.08	8.05	8.03	4.9	3.086	97.6	5.1	3.6	1.2
391	7/1/2014 16:01:04	14.56	51.81	34.08	8.02	8.03	11.5	3.109	97.2	4.3	3.0	1.0
392	7/1/2014 16:16:03	15.43	52.05	34.28	7.85	8.02	5.3	3.125	96.9	4.9	3.4	1.2
393	7/1/2014 16:31:04	14.72	51.86	34.12	7.79	8.01	4.3	3.126	94.8	4.0	2.8	0.9
394	7/1/2014 16:46:04	14.61	51.86	34.11	7.85	8.02	5.7	3.090	95.2	5.8	4.1	1.4
395	7/1/2014 17:01:04	14.75	51.85	34.11	7.76	8.01	4.8	3.045	94.3	4.4	3.1	1.0
396	7/1/2014 17:16:04	15.55	51.92	34.18	7.71	8.02	4.7	2.997	95.3	3.7	2.6	0.9
397	7/1/2014 17:31:03	16.09	51.88	34.17	7.81	8.02	7.5	2.923	97.5	4.0	2.8	1.0
398	7/1/2014 17:46:04	16.18	51.90	34.18	7.88	8.03	7.0	2.855	98.6	4.0	2.8	0.9
399	7/1/2014 18:01:03	16.44	51.89	34.18	7.77	8.01	5.5	2.778	97.8	3.9	2.7	0.9
400	7/1/2014 18:16:03	16.95	51.96	34.24	7.55	8.00	6.8	2.700	95.9	3.3	2.3	0.8
401	7/1/2014 18:31:03	17.27	51.99	34.26	7.42	7.99	6.2	2.633	94.9	3.5	2.5	0.8
402	7/1/2014 18:46:03	17.52	52.01	34.28	7.34	7.99	6.3	2.564	94.3	3.7	2.6	0.9
403	7/1/2014 19:01:03	17.83	52.02	34.29	7.29	7.98	6.5	2.497	94.3	12.1	8.5	2.9
404	7/1/2014 19:16:03	18.00	52.06	34.32	7.21	7.98	6.5	2.433	93.5	3.1	2.2	0.7
405	7/1/2014 19:31:03	17.95	52.01	34.29	7.60	8.00	6.2	2.382	98.5	4.0	2.8	0.9
406	7/1/2014 19:46:03	18.07	52.08	34.34	7.38	7.99	6.7	2.325	95.8	4.0	2.8	1.0
407	7/1/2014 20:01:03	18.26	52.04	34.31	7.41	7.99	6.4	2.264	96.7	3.8	2.7	0.9
408	7/1/2014 20:16:03	18.27	52.06	34.33	7.47	7.99	6.1	2.218	97.4	3.6	2.5	0.9
409	7/1/2014 20:31:03	18.31	52.06	34.32	7.45	8.00	6.1	2.182	97.3	3.4	2.4	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
410	7/1/2014 20:46:03	18.63	52.13	34.37	7.25	7.98	5.7	2.137	95.3	4.1	2.9	1.0
411	7/1/2014 21:01:03	18.89	52.13	34.38	7.35	7.98	5.3	2.107	96.9	3.7	2.6	0.9
412	7/1/2014 21:16:03	19.00	52.20	34.43	7.36	7.99	4.8	2.104	97.3	3.9	2.7	0.9
413	7/1/2014 21:31:03	19.14	52.20	34.43	6.81	7.95	4.0	2.099	90.3	4.0	2.8	0.9
414	7/1/2014 21:46:03	19.19	52.20	34.43	6.84	7.96	5.2	2.088	90.8	4.3	3.0	1.0
415	7/1/2014 22:01:03	19.08	52.18	34.41	7.25	7.98	5.5	2.126	96.0	4.2	2.9	1.0
416	7/1/2014 22:16:03	18.90	52.17	34.41	7.20	7.97	6.0	2.157	95.0	4.0	2.8	0.9
417	7/1/2014 22:31:03	18.83	52.17	34.40	7.16	7.97	5.0	2.185	94.4	3.4	2.4	0.8
418	7/1/2014 22:46:03	18.75	52.16	34.40	7.11	7.97	5.2	2.240	93.6	3.7	2.6	0.9
419	7/1/2014 23:01:03	18.66	52.11	34.36	7.10	7.96	6.5	2.292	93.2	3.5	2.5	0.8
420	7/1/2014 23:16:03	18.76	52.13	34.38	7.10	7.97	10.3	2.362	93.5	3.9	2.7	0.9
421	7/1/2014 23:31:03	18.30	52.08	34.34	7.15	7.97	7.3	2.412	93.2	4.0	2.8	1.0
422	7/1/2014 23:46:03	18.10	52.05	34.31	7.13	7.97	6.3	2.472	92.7	4.1	2.9	1.0
423	7/2/2014 0:01:03	17.81	52.02	34.29	7.17	7.97	8.4	2.533	92.7	3.7	2.6	0.9
424	7/2/2014 0:16:03	17.33	51.99	34.26	7.26	7.97	6.8	2.588	92.9	3.4	2.4	0.8
425	7/2/2014 0:31:03	16.76	51.96	34.23	7.32	7.98	6.1	2.653	92.7	3.9	2.7	0.9
426	7/2/2014 0:46:03	16.52	51.95	34.22	7.32	7.98	5.6	2.697	92.2	4.2	2.9	1.0
427	7/2/2014 1:01:04	16.30	51.93	34.21	7.34	7.98	6.0	2.763	92.1	3.8	2.7	0.9
428	7/2/2014 1:16:03	16.09	51.88	34.17	7.39	7.98	5.4	2.825	92.3	4.3	3.0	1.0
429	7/2/2014 1:31:03	15.99	51.92	34.19	7.38	7.98	5.4	2.875	92.1	4.7	3.3	1.1
430	7/2/2014 1:46:03	15.71	51.91	34.18	7.43	7.99	5.7	2.935	92.1	4.6	3.2	1.1
431	7/2/2014 2:01:03	15.26	51.87	34.14	7.50	7.99	5.4	2.978	92.2	4.2	2.9	1.0
432	7/2/2014 2:16:03	14.88	51.88	34.14	7.55	7.99	5.2	3.031	92.1	4.4	3.1	1.0
433	7/2/2014 2:31:04	14.70	51.88	34.13	7.50	7.99	4.4	3.073	91.2	4.3	3.0	1.0
434	7/2/2014 2:46:03	14.61	51.90	34.15	7.37	7.98	4.5	3.093	89.4	3.8	2.7	0.9
435	7/2/2014 3:01:04	14.46	51.90	34.14	7.22	7.97	2.9	3.120	87.3	4.1	2.9	1.0
436	7/2/2014 3:16:04	14.88	51.89	34.15	7.16	7.97	3.6	3.126	87.3	4.0	2.8	1.0
437	7/2/2014 3:31:04	14.52	51.96	34.18	7.29	7.98	4.5	3.121	88.3	3.8	2.7	0.9
438	7/2/2014 3:46:04	14.52	51.89	34.13	7.16	7.97	5.1	3.097	86.7	3.8	2.7	0.9
439	7/2/2014 4:01:04	14.68	51.92	34.16	7.03	7.96	3.2	3.060	85.4	3.3	2.3	0.8
440	7/2/2014 4:16:04	15.08	51.96	34.20	6.99	7.96	4.0	3.007	85.7	3.3	2.3	0.8
441	7/2/2014 4:31:03	16.04	51.94	34.21	6.76	7.94	6.4	2.943	84.4	3.4	2.4	0.8
442	7/2/2014 4:46:04	16.10	51.98	34.24	6.70	7.94	6.9	2.890	83.8	3.0	2.1	0.7
443	7/2/2014 5:01:04	15.92	51.95	34.21	6.82	7.94	6.6	2.790	85.0	2.9	2.0	0.7
444	7/2/2014 5:16:03	16.27	52.00	34.25	6.78	7.94	6.8	2.722	85.0	3.2	2.2	0.8
445	7/2/2014 5:31:03	16.73	52.00	34.26	6.62	7.93	7.4	2.644	83.8	3.3	2.3	0.8
446	7/2/2014 5:46:03	17.07	52.06	34.32	6.44	7.92	7.0	2.552	82.0	3.1	2.2	0.7
447	7/2/2014 6:01:03	17.38	52.09	34.33	6.15	7.89	6.5	2.466	78.9	2.5	1.8	0.6
448	7/2/2014 6:16:03	17.62	52.14	34.38	5.94	7.87	8.6	2.375	76.5	3.2	2.2	0.8
449	7/2/2014 6:31:03	17.68	52.14	34.38	5.93	7.87	7.7	2.282	76.5	2.5	1.8	0.6
450	7/2/2014 6:46:03	17.59	52.15	34.38	5.92	7.86	9.4	2.185	76.2	2.7	1.9	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
451	7/2/2014 7:01:03	17.73	52.13	34.37	6.16	7.88	8.6	2.091	79.5	2.4	1.7	0.6
452	7/2/2014 7:16:03	18.00	52.18	34.41	6.28	7.90	7.8	1.975	81.5	2.8	2.0	0.7
453	7/2/2014 7:31:03	17.74	52.14	34.38	6.16	7.88	7.7	1.889	79.6	2.9	2.0	0.7
454	7/2/2014 7:46:03	17.74	52.17	34.40	6.23	7.88	8.1	1.787	80.5	2.3	1.6	0.6
455	7/2/2014 8:01:03	17.99	52.13	34.37	6.11	7.88	6.8	1.685	79.3	2.5	1.8	0.6
456	7/2/2014 8:16:03	18.07	52.19	34.41	6.17	7.88	6.1	1.608	80.2	2.4	1.7	0.6
457	7/2/2014 8:31:03	18.22	52.24	34.46	6.13	7.88	6.8	1.529	79.9	2.5	1.8	0.6
458	7/2/2014 8:46:03	18.40	52.28	34.49	6.11	7.88	7.0	1.463	80.0	2.5	1.8	0.6
459	7/2/2014 9:01:03	18.69	52.23	34.45	6.11	7.89	4.8	1.428	80.4	2.4	1.7	0.6
460	7/2/2014 9:16:03	18.82	52.31	34.51	6.10	7.89	5.3	1.377	80.4	3.0	2.1	0.7
461	7/2/2014 9:31:03	18.94	52.32	34.52	6.11	7.89	4.5	1.364	80.8	2.2	1.5	0.5
462	7/2/2014 9:46:03	18.86	52.29	34.49	5.89	7.89	4.6	1.389	77.7	2.7	1.9	0.6
463	7/2/2014 10:01:03	19.18	52.36	34.55	6.04	7.89	3.4	1.398	80.2	2.5	1.8	0.6
464	7/2/2014 10:16:03	19.10	52.34	34.53	6.03	7.89	3.9	1.437	80.0	3.1	2.2	0.7
465	7/2/2014 10:31:03	19.17	52.34	34.53	6.06	7.89	3.6	1.481	80.5	2.7	1.9	0.6
466	7/2/2014 10:46:03	19.27	52.37	34.55	6.00	7.89	3.6	1.549	79.8	3.6	2.5	0.9
467	7/2/2014 11:01:03	19.19	52.33	34.53	6.04	7.89	4.3	1.625	80.2	3.6	2.5	0.9
468	7/2/2014 11:16:03	19.04	52.29	34.49	6.06	7.89	5.6	1.678	80.3	3.1	2.2	0.7
469	7/2/2014 11:31:03	19.15	52.30	34.50	6.01	7.88	6.4	1.745	79.8	2.7	1.9	0.7
470	7/2/2014 11:46:03	19.13	52.31	34.51	6.01	7.88	6.1	1.832	79.8	3.1	2.2	0.7
471	7/2/2014 12:01:03	18.86	52.26	34.47	6.14	7.89	5.3	1.901	81.0	3.0	2.1	0.7
472	7/2/2014 12:16:03	18.77	52.25	34.46	6.17	7.89	6.2	1.972	81.3	3.2	2.2	0.8
473	7/2/2014 12:31:03	18.71	52.24	34.46	6.18	7.89	5.7	2.051	81.3	3.0	2.1	0.7
474	7/2/2014 12:46:03	18.57	52.21	34.43	6.13	7.89	6.7	2.125	80.5	2.8	2.0	0.7
475	7/2/2014 13:01:03	18.20	52.16	34.39	6.26	7.90	6.7	2.211	81.6	2.4	1.7	0.6
476	7/2/2014 13:16:03	17.96	52.12	34.36	6.39	7.91	7.0	2.291	82.8	3.5	2.5	0.8
477	7/2/2014 13:31:03	17.72	52.09	34.34	6.48	7.91	6.5	2.371	83.7	2.4	1.7	0.6
478	7/2/2014 13:46:03	17.60	52.05	34.31	6.54	7.92	6.2	2.447	84.2	3.0	2.1	0.7
479	7/2/2014 14:01:03	17.57	52.06	34.31	6.58	7.92	6.9	2.535	84.7	2.7	1.9	0.6
480	7/2/2014 14:16:03	17.42	52.03	34.30	6.69	7.93	7.3	2.609	85.9	2.7	1.9	0.6
481	7/2/2014 14:31:03	17.23	51.99	34.26	6.81	7.93	8.0	2.687	87.0	3.2	2.2	0.7
482	7/2/2014 14:46:04	16.79	51.95	34.23	6.76	7.93	8.4	2.762	85.6	3.0	2.1	0.7
483	7/2/2014 15:01:03	16.48	51.91	34.19	6.94	7.94	9.7	2.831	87.4	3.9	2.7	0.9
484	7/2/2014 15:16:03	16.26	51.91	34.19	7.08	7.95	8.2	2.915	88.8	3.6	2.5	0.8
485	7/2/2014 15:31:03	15.80	51.90	34.17	7.21	7.96	69.6	2.975	89.6	4.2	2.9	1.0
486	7/2/2014 15:46:03	15.17	51.88	34.14	7.29	7.96	8.0	3.023	89.4	4.9	3.4	1.2
487	7/2/2014 16:01:03	14.83	51.87	34.13	7.28	7.96	7.4	3.080	88.6	4.2	2.9	1.0
488	7/2/2014 16:16:04	14.47	51.88	34.13	7.39	7.97	4.8	3.125	89.4	2.8	2.0	0.7
489	7/2/2014 16:31:03	14.42	51.86	34.11	7.37	7.97	4.7	3.153	89.0	4.1	2.9	1.0
490	7/2/2014 16:46:03	14.75	51.88	34.14	7.14	7.96	3.4	3.156	86.9	3.7	2.6	0.9
491	7/2/2014 17:01:04	14.40	51.88	34.12	7.31	7.97	3.6	3.150	88.3	2.8	2.0	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
492	7/2/2014 17:16:04	14.52	51.88	34.13	7.19	7.96	3.9	3.136	87.0	3.1	2.2	0.7
493	7/2/2014 17:31:03	15.13	51.95	34.20	7.11	7.96	4.6	3.092	87.2	3.1	2.2	0.7
494	7/2/2014 17:46:04	16.48	51.94	34.22	7.25	7.97	9.9	3.027	91.3	5.7	4.0	1.4
495	7/2/2014 18:01:04	16.42	51.90	34.19	7.33	7.97	12.4	2.977	92.2	4.0	2.8	0.9
496	7/2/2014 18:16:04	16.33	51.92	34.20	7.39	7.97	22.0	2.916	92.8	3.5	2.5	0.8
497	7/2/2014 18:31:04	16.36	51.90	34.19	7.37	7.97	13.0	2.841	92.6	3.7	2.6	0.9
498	7/2/2014 18:46:04	16.53	51.91	34.19	7.31	7.96	12.6	2.759	92.1	3.5	2.5	0.8
499	7/2/2014 19:01:03	16.41	51.95	34.22	7.33	7.96	17.6	2.697	92.1	4.1	2.9	1.0
500	7/2/2014 19:16:03	16.95	51.94	34.22	7.34	7.96	41.0	2.618	93.3	3.9	2.7	0.9
501	7/2/2014 19:31:04	17.14	52.05	34.30	7.32	7.96	16.6	2.555	93.5	3.5	2.5	0.8
502	7/2/2014 19:46:03	17.59	52.07	34.33	7.26	7.96	14.7	2.492	93.4	4.3	3.0	1.0
503	7/2/2014 20:01:03	17.23	52.01	34.28	7.36	7.97	26.4	2.428	94.0	4.2	2.9	1.0
504	7/2/2014 20:16:03	17.89	52.08	34.33	7.26	7.96	15.3	2.374	94.0	3.5	2.5	0.8
505	7/2/2014 20:31:03	18.17	52.10	34.35	7.18	7.96	17.2	2.319	93.5	3.8	2.7	0.9
506	7/2/2014 20:46:03	18.19	52.13	34.37	7.22	7.96	17.2	2.262	94.0	4.3	3.0	1.0
507	7/2/2014 21:01:03	18.34	52.16	34.40	7.17	7.96	12.2	2.215	93.6	4.5	3.2	1.1
508	7/2/2014 21:16:03	18.59	52.20	34.43	7.14	7.96	9.8	2.170	93.7	4.1	2.9	1.0
509	7/2/2014 21:31:03	18.61	52.20	34.43	7.05	7.95	9.6	2.138	92.6	3.9	2.7	0.9
510	7/2/2014 21:46:03	19.00	52.24	34.46	7.10	7.96	7.8	2.109	94.0	4.1	2.9	1.0
511	7/2/2014 22:01:03	19.14	52.25	34.47	7.09	7.96	8.3	2.086	94.0	4.2	2.9	1.0
512	7/2/2014 22:16:03	19.27	52.30	34.51	7.10	7.96	7.2	2.083	94.4	4.0	2.8	0.9
513	7/2/2014 22:31:03	19.46	52.34	34.53	6.66	7.94	5.9	2.079	89.0	3.6	2.5	0.9
514	7/2/2014 22:46:03	19.46	52.32	34.52	5.57	7.88	6.5	2.086	74.3	3.3	2.3	0.8
515	7/2/2014 23:01:03	19.42	52.39	34.57	6.98	7.96	7.5	2.119	93.1	3.5	2.5	0.8
516	7/2/2014 23:16:03	19.35	52.27	34.48	7.04	7.96	6.7	2.147	93.7	3.5	2.5	0.8
517	7/2/2014 23:31:03	19.39	52.29	34.50	7.00	7.95	7.9	2.185	93.3	3.6	2.5	0.9
518	7/2/2014 23:46:03	19.37	52.29	34.50	6.97	7.95	7.9	2.234	92.9	3.1	2.2	0.7
519	7/3/2014 0:01:03	19.18	52.26	34.47	6.96	7.94	7.6	2.287	92.3	3.7	2.6	0.9
520	7/3/2014 0:16:03	19.45	52.26	34.47	6.84	7.94	10.0	2.341	91.3	4.9	3.4	1.2
521	7/3/2014 0:31:03	19.16	52.22	34.44	6.90	7.94	10.7	2.394	91.5	4.2	2.9	1.0
522	7/3/2014 0:46:03	18.93	52.20	34.43	6.87	7.94	7.6	2.450	90.8	4.0	2.8	0.9
523	7/3/2014 1:01:03	18.76	52.16	34.40	6.87	7.93	7.9	2.503	90.4	3.8	2.7	0.9
524	7/3/2014 1:16:03	18.25	52.08	34.34	6.92	7.93	9.0	2.565	90.2	3.9	2.7	0.9
525	7/3/2014 1:31:03	17.75	52.03	34.30	6.95	7.94	8.1	2.613	89.7	3.8	2.7	0.9
526	7/3/2014 1:46:03	17.30	52.00	34.27	6.95	7.94	8.2	2.661	89.0	3.2	2.2	0.8
527	7/3/2014 2:01:03	17.04	51.97	34.25	6.94	7.94	6.8	2.715	88.3	3.2	2.2	0.8
528	7/3/2014 2:16:03	16.64	51.95	34.23	6.99	7.94	6.2	2.757	88.3	3.1	2.2	0.7
529	7/3/2014 2:31:03	16.41	51.94	34.21	7.03	7.94	5.3	2.805	88.4	3.2	2.2	0.8
530	7/3/2014 2:46:04	16.36	51.93	34.20	6.98	7.94	5.9	2.848	87.6	3.5	2.5	0.8
531	7/3/2014 3:01:03	16.15	51.88	34.17	6.99	7.95	5.3	2.884	87.4	3.0	2.1	0.7
532	7/3/2014 3:16:03	15.96	51.90	34.18	6.94	7.94	4.8	2.929	86.5	3.2	2.2	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
533	7/3/2014 3:31:04	15.70	51.93	34.19	6.85	7.94	4.6	2.952	84.9	3.2	2.2	0.8
534	7/3/2014 3:46:04	15.63	51.91	34.18	6.57	7.92	3.5	2.964	81.3	3.4	2.4	0.8
535	7/3/2014 4:01:03	17.22	52.28	34.48	5.57	7.79	9.5	2.979	71.2	3.6	2.5	0.9
536	7/3/2014 4:16:03	15.66	51.97	34.22	6.62	7.92	4.0	2.984	82.1	2.5	1.8	0.6
537	7/3/2014 4:31:03	15.50	51.90	34.17	6.83	7.93	4.1	2.970	84.3	2.8	2.0	0.7
538	7/3/2014 4:46:04	15.67	51.89	34.16	6.71	7.92	5.0	2.937	83.1	2.6	1.8	0.6
539	7/3/2014 5:01:04	16.13	51.85	34.15	6.35	7.90	5.7	2.893	79.4	2.9	2.0	0.7
540	7/3/2014 5:16:03	16.40	51.98	34.25	6.47	7.90		2.837	81.3	2.2	1.5	0.5
541	7/3/2014 5:31:03	16.54	51.99	34.25	6.54	7.91		2.784	82.4	3.2	2.2	0.8
542	7/3/2014 5:46:03	16.64	52.00	34.27	6.47	7.90		2.714	81.7	3.4	2.4	0.8
543	7/3/2014 6:01:03	16.81	51.99	34.26	6.41	7.89		2.622	81.3	3.0	2.1	0.7
544	7/3/2014 6:16:03	16.81	52.03	34.29	6.35	7.89		2.554	80.5	2.8	2.0	0.7
545	7/3/2014 6:31:04	17.34	52.10	34.35	6.25	7.88		2.476	80.1	2.9	2.0	0.7
546	7/3/2014 6:46:03	17.28	52.07	34.32	6.11	7.87		2.402	78.2	2.9	2.0	0.7
547	7/3/2014 7:01:03	17.56	52.15	34.39	5.98	7.86		2.317	77.0	3.2	2.2	0.8
548	7/3/2014 7:16:03	17.78	52.22	34.44	5.97	7.86		2.219	77.2	3.3	2.3	0.8
549	7/3/2014 7:31:03	17.94	52.16	34.40	6.01	7.86		2.153	77.9	2.4	1.7	0.6
550	7/3/2014 7:46:03	18.15	52.22	34.44	5.95	7.86		2.078	77.5	2.9	2.0	0.7
551	7/3/2014 8:01:03	17.87	52.15	34.39	6.06	7.86		1.966	78.5	3.2	2.2	0.8
552	7/3/2014 8:16:03	18.04	52.21	34.43	6.01	7.86		1.886	78.1	2.7	1.9	0.6
553	7/3/2014 8:31:03	18.30	52.24	34.45	6.00	7.86		1.836	78.4	2.8	2.0	0.7
554	7/3/2014 8:46:03	18.11	52.22	34.44	6.08	7.86		1.735	79.1	3.1	2.2	0.7
555	7/3/2014 9:01:03	18.22	52.24	34.45	6.05	7.86		1.666	78.9	2.8	2.0	0.7
556	7/3/2014 9:16:03	18.47	52.27	34.48	6.03	7.86		1.622	79.0	2.7	1.9	0.6
557	7/3/2014 9:31:03	18.56	52.30	34.50	5.99	7.87		1.585	78.6	2.4	1.7	0.6
558	7/3/2014 9:46:03	18.85	52.30	34.51	5.97	7.87	10.8	1.538	78.8	3.0	2.1	0.7
559	7/3/2014 10:01:03	18.97	52.29	34.50	5.86	7.87	4.5	1.524	77.5	2.8	2.0	0.7
560	7/3/2014 10:16:03	18.91	52.37	34.56	5.58	7.85	5.1	1.520	73.7	2.3	1.6	0.5
561	7/3/2014 10:31:03	19.08	52.34	34.53	5.83	7.87	4.8	1.537	77.2	3.3	2.3	0.8
562	7/3/2014 10:46:03	19.08	52.35	34.54	5.85	7.88	4.4	1.563	77.6	2.7	1.9	0.7
563	7/3/2014 11:01:03	18.99	52.34	34.54	5.88	7.87	5.0	1.596	77.8	2.8	2.0	0.7
564	7/3/2014 11:16:03	19.00	52.34	34.53	5.84	7.87	5.0	1.658	77.3	3.1	2.2	0.7
565	7/3/2014 11:31:03	18.93	52.31	34.51	5.90	7.87	5.9	1.703	78.0	3.1	2.2	0.7
566	7/3/2014 11:46:03	18.91	52.31	34.51	5.94	7.87	6.5	1.768	78.5	2.9	2.0	0.7
567	7/3/2014 12:01:03	18.88	52.31	34.51	5.92	7.87	8.4	1.837	78.2	2.9	2.0	0.7
568	7/3/2014 12:16:03	18.88	52.31	34.51	5.95	7.87	5.7	1.896	78.5	3.0	2.1	0.7
569	7/3/2014 12:31:03	18.82	52.28	34.49	6.02	7.87	5.6	1.974	79.4	3.1	2.2	0.7
570	7/3/2014 12:46:03	18.78	52.27	34.48	6.07	7.88	6.1	2.044	80.0	3.1	2.2	0.7
571	7/3/2014 13:01:03	18.73	52.25	34.46	6.17	7.88	6.6	2.102	81.3	3.4	2.4	0.8
572	7/3/2014 13:16:03	18.75	52.26	34.47	6.14	7.88	6.7	2.182	80.9	2.8	2.0	0.7
573	7/3/2014 13:31:03	18.47	52.19	34.42	6.20	7.88	8.1	2.260	81.2	2.8	2.0	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
574	7/3/2014 13:46:03	18.13	52.14	34.38	6.41	7.89	7.4	2.332	83.4	3.4	2.4	0.8
575	7/3/2014 14:01:03	17.93	52.11	34.36	6.49	7.90	6.5	2.406	84.1	3.1	2.2	0.7
576	7/3/2014 14:16:03	17.74	52.08	34.34	6.54	7.90	7.0	2.486	84.4	3.0	2.1	0.7
577	7/3/2014 14:31:03	17.65	52.07	34.33	6.54	7.90	7.2	2.548	84.3	5.8	4.1	1.4
578	7/3/2014 14:46:03	17.49	52.04	34.30	6.56	7.90	7.8	2.628	84.2	5.1	3.6	1.2
579	7/3/2014 15:01:03	17.36	52.03	34.30	6.66	7.91	8.4	2.701	85.3	4.5	3.2	1.1
580	7/3/2014 15:16:04	17.22	52.02	34.28	6.69	7.91	9.1	2.762	85.5	4.7	3.3	1.1
581	7/3/2014 15:31:03	16.81	51.98	34.25	6.70	7.91	9.2	2.839	84.9	4.0	2.8	1.0
582	7/3/2014 15:46:03	16.56	51.91	34.19	6.87	7.92	9.6	2.901	86.7	4.9	3.4	1.2
583	7/3/2014 16:01:03	16.38	51.90	34.19	7.03	7.93	8.7	2.966	88.3	4.7	3.3	1.1
584	7/3/2014 16:16:04	16.15	51.88	34.17	7.10	7.94	8.3	3.024	88.8	5.2	3.6	1.2
585	7/3/2014 16:31:03	15.67	51.87	34.15	7.24	7.95	6.9	3.073	89.7	4.5	3.2	1.1
586	7/3/2014 16:46:03	15.26	51.84	34.12	7.37	7.95	7.9	3.120	90.5	4.5	3.2	1.1
587	7/3/2014 17:01:03	15.08	51.85	34.12	7.40	7.96	6.9	3.150	90.6	7.1	5.0	1.7
588	7/3/2014 17:16:03	15.00	51.84	34.11	7.23	7.94	4.3	3.161	88.3	7.4	5.2	1.8
589	7/3/2014 17:31:03	15.13	51.85	34.12	7.34	7.95	6.2	3.170	90.0	6.0	4.2	1.4
590	7/3/2014 17:46:04	15.11	51.83	34.10	7.25	7.95	21.8	3.167	88.8	13.5	9.5	3.2
591	7/3/2014 18:01:04	15.24	51.85	34.12	7.16	7.95	21.4	3.122	87.9	7.2	5.0	1.7
592	7/3/2014 18:16:03	15.99	51.81	34.11	7.13	7.94	10.4	3.091	88.9	3.3	2.3	0.8
593	7/3/2014 18:31:03	16.94	51.93	34.22	7.35	7.96	13.3	3.039	93.3	4.1	2.9	1.0
594	7/3/2014 18:46:03	16.79	51.87	34.17	7.52	7.97	8.9	2.975	95.2	3.6	2.5	0.9
595	7/3/2014 19:01:04	16.18	51.90	34.18	7.51	7.97	8.9	2.914	94.0	3.8	2.7	0.9
596	7/3/2014 19:16:03	16.25	51.90	34.18	7.42	7.96	11.1	2.844	93.0			
597	7/3/2014 19:31:04	16.15	51.91	34.19	7.29	7.95	11.9	2.769	91.2	3.4	2.4	0.8
598	7/3/2014 19:46:03	16.98	51.97	34.24	7.23	7.95	10.7	2.698	92.0	4.0	2.8	0.9
599	7/3/2014 20:01:03	17.69	51.93	34.23	7.19	7.95	11.4	2.636	92.7	3.9	2.7	0.9
600	7/3/2014 20:16:03	17.74	52.06	34.32	7.22	7.95	12.0	2.560	93.2	3.8	2.7	0.9
601	7/3/2014 20:31:03	17.70	52.10	34.35	7.30	7.96	10.9	2.492	94.2	3.4	2.4	0.8
602	7/3/2014 20:46:03	18.05	52.11	34.36	7.22	7.95	10.3	2.443	93.8	3.8	2.7	0.9
603	7/3/2014 21:01:03	18.13	52.14	34.38	7.13	7.95	10.4	2.375	92.8	4.0	2.8	1.0
604	7/3/2014 21:16:03	18.41	52.08	34.34	7.13	7.95	9.7	2.314	93.2	4.5	3.2	1.1
605	7/3/2014 21:31:03	18.45	52.19	34.42	7.14	7.95	12.0	2.258	93.5	4.2	2.9	1.0
606	7/3/2014 21:46:03	18.59	52.19	34.42	7.07	7.95	10.0	2.204	92.8	4.5	3.2	1.1
607	7/3/2014 22:01:03	18.52	52.21	34.43	7.02	7.94	8.3	2.165	92.0	3.7	2.6	0.9
608	7/3/2014 22:16:03	18.70	52.26	34.47	7.01	7.94	7.4	2.109	92.2	4.3	3.0	1.0
609	7/3/2014 22:31:03	19.33	52.34	34.53	6.98	7.95	39.3	2.087	92.9	4.2	2.9	1.0
610	7/3/2014 22:46:03	19.59	52.40	34.58	7.05	7.96	10.9	2.054	94.4	3.4	2.4	0.8
611	7/3/2014 23:01:03	19.62	52.39	34.57	6.95	7.96	6.5	2.031	93.1	4.4	3.1	1.0
612	7/3/2014 23:16:03	19.75	52.42	34.59	6.61	7.94	5.4	2.038	88.8	3.6	2.5	0.9
613	7/3/2014 23:31:03	19.74	52.43	34.60	6.97	7.96	7.2	2.036	93.5	3.7	2.6	0.9
614	7/3/2014 23:46:03	19.70	52.41	34.58	7.00	7.96	6.6	2.046	93.8	3.3	2.3	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
615	7/4/2014 0:01:03	19.52	52.36	34.54	6.98	7.95	6.6	2.073	93.3	3.3	2.3	0.8
616	7/4/2014 0:16:03	19.39	52.33	34.53	7.02	7.95	7.0	2.119	93.6	3.9	2.7	0.9
617	7/4/2014 0:31:03	19.32	52.31	34.51	6.93	7.94	6.4	2.139	92.2	4.1	2.9	1.0
618	7/4/2014 0:46:03	19.28	52.29	34.50	6.88	7.93	6.9	2.202	91.6	3.8	2.7	0.9
619	7/4/2014 1:01:03	19.58	52.33	34.53	6.76	7.93	10.8	2.255	90.4	5.2	3.6	1.2
620	7/4/2014 1:16:03	19.39	52.29	34.50	6.81	7.93	10.1	2.294	90.8	4.7	3.3	1.1
621	7/4/2014 1:31:03	19.14	52.24	34.46	6.82	7.93	8.4	2.350	90.5	4.8	3.4	1.1
622	7/4/2014 1:46:03	19.00	52.21	34.44	6.82	7.92	8.1	2.399	90.2	3.8	2.7	0.9
623	7/4/2014 2:01:03	18.78	52.17	34.41	6.83	7.92	8.0	2.461	90.0	4.3	3.0	1.0
624	7/4/2014 2:16:03	18.20	52.08	34.34	6.83	7.92	7.6	2.496	89.0	3.6	2.5	0.9
625	7/4/2014 2:31:03	17.91	52.06	34.32	6.81	7.92	6.4	2.548	88.2	3.9	2.7	0.9
626	7/4/2014 2:46:03	17.65	52.00	34.28	6.86	7.92	6.8	2.603	88.4	3.5	2.5	0.8
627	7/4/2014 3:01:03	17.31	51.98	34.26	6.88	7.92	5.4	2.630	88.1	3.7	2.6	0.9
628	7/4/2014 3:16:03	17.13	51.96	34.24	6.90	7.92	5.0	2.682	88.0	3.5	2.5	0.8
629	7/4/2014 3:31:03	16.95	51.97	34.24	6.92	7.92	5.1	2.723	87.9	2.7	1.9	0.6
630	7/4/2014 3:46:04	16.84	51.96	34.23	6.88	7.92	5.7	2.759	87.3	2.7	1.9	0.6
631	7/4/2014 4:01:03	16.82	51.96	34.24	6.82	7.92	4.3	2.793	86.4	2.5	1.8	0.6
632	7/4/2014 4:16:03	16.69	51.97	34.24	6.79	7.92	4.7	2.825	85.8	3.3	2.3	0.8
633	7/4/2014 4:31:03	16.52	51.92	34.20	6.79	7.92	4.3	2.846	85.5	3.6	2.5	0.8
634	7/4/2014 4:46:03	16.50	51.92	34.20	6.70	7.91	3.9	2.858	84.4	3.3	2.3	0.8
635	7/4/2014 5:01:03	17.11	51.86	34.17	6.29	7.89	5.0	2.874	80.2	3.2	2.2	0.8
636	7/4/2014 5:16:03	16.49	51.95	34.23	6.67	7.91	3.8	2.860	84.0	3.0	2.1	0.7
637	7/4/2014 5:31:04	16.40	51.95	34.22	6.58	7.90	3.7	2.848	82.7	2.4	1.7	0.6
638	7/4/2014 5:46:04	16.42	51.92	34.20	6.56	7.91		2.819	82.5	3.1	2.2	0.7
639	7/4/2014 6:01:04	16.72	51.96	34.23	6.55	7.91	4.9	2.776	82.8	2.7	1.9	0.6
640	7/4/2014 6:16:04	17.53	52.10	34.35	5.91	7.85	8.6	2.731	76.0	3.3	2.3	0.8
641	7/4/2014 6:31:03	17.46	52.26	34.46	4.91	7.72	7.7	2.661	63.1	3.1	2.2	0.7
642	7/4/2014 6:46:03	17.17	52.13	34.37	5.48	7.79	6.5	2.600	70.0	2.7	1.9	0.6
643	7/4/2014 7:01:03	17.45	52.01	34.28	5.73	7.83	6.4	2.535	73.6	3.1	2.2	0.7
644	7/4/2014 7:16:03	17.42	52.11	34.36	5.99	7.85	6.4	2.463	76.9	3.3	2.3	0.8
645	7/4/2014 7:31:03	17.97	52.15	34.39	5.97	7.86	7.2	2.395	77.5	2.7	1.9	0.6
646	7/4/2014 7:46:03	17.89	52.17	34.40	5.88	7.84	6.6	2.323	76.2	2.8	2.0	0.7
647	7/4/2014 8:01:03	17.80	52.17	34.40	5.85	7.84	5.9	2.252	75.6	3.1	2.2	0.7
648	7/4/2014 8:16:03	18.11	52.21	34.43	5.90	7.85	6.9	2.185	76.8	3.3	2.3	0.8
649	7/4/2014 8:31:03	18.30	52.24	34.46	5.90	7.85	6.9	2.105	77.1	3.1	2.2	0.7
650	7/4/2014 8:46:03	18.17	52.26	34.47	5.88	7.85	6.2	2.032	76.6	2.9	2.0	0.7
651	7/4/2014 9:01:03	18.22	52.26	34.47	5.83	7.84	6.1	1.975	76.0	3.0	2.1	0.7
652	7/4/2014 9:16:03	18.31	52.27	34.48	5.86	7.85	5.4	1.917	76.5	3.1	2.2	0.7
653	7/4/2014 9:31:03	18.36	52.27	34.48	5.91	7.85	5.4	1.850	77.3	3.5	2.5	0.8
654	7/4/2014 9:46:03	18.41	52.25	34.46	5.94	7.85	5.0	1.801	77.7	3.1	2.2	0.7
655	7/4/2014 10:01:03	18.57	52.33	34.52	5.94	7.86	4.8	1.766	78.0	2.8	2.0	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
656	7/4/2014 10:16:03	18.81	52.36	34.55	5.85	7.86	3.9	1.730	77.2	2.9	2.0	0.7
657	7/4/2014 10:31:03	18.91	52.35	34.54	5.86	7.87	4.2	1.707	77.4	3.3	2.3	0.8
658	7/4/2014 10:46:03	18.93	52.34	34.53	5.78	7.86	3.4	1.707	76.5	3.1	2.2	0.7
659	7/4/2014 11:01:03	18.95	52.36	34.54	5.73	7.86	3.9	1.705	75.8	2.6	1.8	0.6
660	7/4/2014 11:16:03	19.01	52.35	34.54	5.80	7.87	6.0	1.715	76.8	2.9	2.0	0.7
661	7/4/2014 11:31:03	18.98	52.35	34.54	5.91	7.87	3.8	1.742	78.2	3.0	2.1	0.7
662	7/4/2014 11:46:03	18.92	52.34	34.53	5.93	7.87	4.5	1.774	78.4	3.3	2.3	0.8
663	7/4/2014 12:01:03	18.92	52.33	34.53	5.93	7.87	4.6	1.817	78.3	2.9	2.0	0.7
664	7/4/2014 12:16:03	18.86	52.32	34.52	5.89	7.87	5.4	1.869	77.7	3.4	2.4	0.8
665	7/4/2014 12:31:03	18.87	52.31	34.51	5.88	7.86	5.6	1.917	77.7	2.7	1.9	0.6
666	7/4/2014 12:46:03	18.85	52.29	34.50	5.93	7.86	5.4	1.986	78.3	3.6	2.5	0.8
667	7/4/2014 13:01:03	18.77	52.29	34.49	5.98	7.87	5.6	2.040	78.8	3.2	2.2	0.8
668	7/4/2014 13:16:03	18.75	52.27	34.48	5.98	7.87	5.3	2.103	78.7	3.6	2.5	0.8
669	7/4/2014 13:31:03	18.75	52.28	34.49	6.01	7.87	5.6	2.172	79.2	3.5	2.5	0.8
670	7/4/2014 13:46:03	18.72	52.27	34.48	6.06	7.87	6.1	2.240	79.7	5.2	3.6	1.2
671	7/4/2014 14:01:03	18.55	52.21	34.43	6.04	7.86	7.6	2.314	79.2	3.2	2.2	0.8
672	7/4/2014 14:16:03	18.35	52.19	34.42	6.14	7.87	6.8	2.376	80.2	3.7	2.6	0.9
673	7/4/2014 14:31:03	18.09	52.12	34.37	6.37	7.88	6.4	2.448	82.7	3.3	2.3	0.8
674	7/4/2014 14:46:03	17.86	52.08	34.34	6.48	7.89	6.7	2.520	83.8	3.3	2.3	0.8
675	7/4/2014 15:01:03	17.77	52.07	34.33	6.55	7.90	6.9	2.591	84.6	3.5	2.5	0.8
676	7/4/2014 15:16:03	17.56	52.01	34.28	6.61	7.90	8.4	2.657	85.1	2.7	1.9	0.6
677	7/4/2014 15:31:04	17.52	52.03	34.29	6.66	7.90	7.4	2.724	85.6	3.4	2.4	0.8
678	7/4/2014 15:46:03	17.23	51.99	34.26	6.77	7.91	8.9	2.802	86.5	3.1	2.2	0.7
679	7/4/2014 16:01:04	16.79	51.95	34.23	6.79	7.91	8.0	2.867	86.0	3.4	2.4	0.8
680	7/4/2014 16:16:03	16.35	51.91	34.19	6.90	7.91	7.8	2.931	86.6	3.4	2.4	0.8
681	7/4/2014 16:31:04	16.05	51.89	34.17	7.05	7.92	8.3	2.999	88.1	3.7	2.6	0.9
682	7/4/2014 16:46:03	15.81	51.87	34.16	7.12	7.93	7.1	3.060	88.4	4.2	2.9	1.0
683	7/4/2014 17:01:03	15.61	51.85	34.14	7.24	7.93	6.0	3.118	89.5	3.4	2.4	0.8
684	7/4/2014 17:16:03	15.29	51.85	34.12	7.34	7.94	7.0	3.170	90.2	3.8	2.7	0.9
685	7/4/2014 17:31:03	15.05	51.83	34.11	7.36	7.94	5.4	3.200	90.1	3.9	2.7	0.9
686	7/4/2014 17:46:04	14.79	51.84	34.11	7.28	7.94	4.2	3.229	88.6	3.4	2.4	0.8
687	7/4/2014 18:01:04	15.60	51.72	34.04	7.11	7.93	4.7	3.243	87.9	2.7	1.9	0.6
688	7/4/2014 18:16:04	14.78	51.93	34.17	7.16	7.93	3.6	3.231	87.2	3.3	2.3	0.8
689	7/4/2014 18:31:03	14.87	51.82	34.10	7.24	7.93	3.4	3.225	88.3	2.6	1.8	0.6
690	7/4/2014 18:46:03	15.10	51.81	34.09	7.09	7.93	4.3	3.186	86.8	2.4	1.7	0.6
691	7/4/2014 19:01:03	16.04	51.87	34.15	7.10	7.93	7.0	3.139	88.6	2.7	1.9	0.6
692	7/4/2014 19:16:03	16.87	51.92	34.21	7.14	7.94	8.1	3.077	90.6	2.8	2.0	0.7
693	7/4/2014 19:31:03	16.45	51.89	34.18	7.36	7.95	6.2	3.016	92.7	3.3	2.3	0.8
694	7/4/2014 19:46:04	16.48	51.92	34.20	7.31	7.94	5.4	2.939	92.1	2.8	2.0	0.7
695	7/4/2014 20:01:03	17.39	52.02	34.29	7.14	7.94	8.4	2.858	91.6	3.5	2.5	0.8
696	7/4/2014 20:16:03	17.52	52.04	34.30	7.02	7.93	7.1	2.808	90.2	3.4	2.4	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
697	7/4/2014 20:31:03	17.64	52.06	34.32	6.86	7.92	7.3	2.734	88.4	2.9	2.0	0.7
698	7/4/2014 20:46:03	17.76	52.04	34.31	6.80	7.91	7.0	2.657	87.8	2.9	2.0	0.7
699	7/4/2014 21:01:03	18.14	52.09	34.35	6.71	7.91	6.7	2.588	87.3	3.0	2.1	0.7
700	7/4/2014 21:16:03	18.42	52.16	34.40	6.70	7.91	10.4	2.523	87.6	3.4	2.4	0.8
701	7/4/2014 21:31:03	18.45	52.17	34.40	6.74	7.91	12.8	2.471	88.2	3.8	2.7	0.9
702	7/4/2014 21:46:03	18.49	52.20	34.43	6.69	7.90	8.6	2.392	87.7	4.0	2.8	0.9
703	7/4/2014 22:01:03	18.35	52.22	34.44	6.61	7.89	8.3	2.319	86.4	3.7	2.6	0.9
704	7/4/2014 22:16:03	18.38	52.19	34.42	6.44	7.89	7.6	2.279	84.2	4.1	2.9	1.0
705	7/4/2014 22:31:03	18.13	52.20	34.42	6.62	7.90	14.2	2.219	86.2	4.1	2.9	1.0
706	7/4/2014 22:46:03	18.43	52.23	34.45	6.55	7.89	25.0	2.145	85.7	3.1	2.2	0.7
707	7/4/2014 23:01:03	18.69	52.24	34.46	6.66	7.91	29.4	2.095	87.6	3.7	2.6	0.9
708	7/4/2014 23:16:03	18.69	52.30	34.51	6.67	7.91	22.7	2.060	87.7	4.1	2.9	1.0
709	7/4/2014 23:31:03	19.02	52.32	34.52	6.74	7.92	38.2	2.004	89.3	3.7	2.6	0.9
710	7/4/2014 23:46:03	19.26	52.42	34.59	6.83	7.94	16.2	1.969	90.9	3.1	2.2	0.7
711	7/5/2014 0:01:03	19.53	52.44	34.61	6.98	7.96	51.5	1.949	93.3	3.2	2.2	0.8
712	7/5/2014 0:16:03	19.77	52.48	34.64	6.83	7.95	14.4	1.955	91.7	3.4	2.4	0.8
713	7/5/2014 0:31:03	19.78	52.44	34.61	6.79	7.95	25.5	1.953	91.1	3.9	2.7	0.9
714	7/5/2014 0:46:03	19.65	52.46	34.62	6.99	7.96	9.1	1.950	93.6	3.3	2.3	0.8
715	7/5/2014 1:01:03	19.53	52.43	34.60	6.97	7.95	4.3	1.986	93.2	3.6	2.5	0.8
716	7/5/2014 1:16:03	19.35	52.37	34.56	6.85	7.93	6.7	2.025	91.3	10.9	7.6	2.6
717	7/5/2014 1:31:03	19.27	52.37	34.56	6.82	7.93	6.1	2.073	90.7	3.5	2.5	0.8
718	7/5/2014 1:46:03	19.19	52.35	34.54	6.75	7.92	5.4	2.115	89.7	3.5	2.5	0.8
719	7/5/2014 2:01:03	19.20	52.35	34.54	6.63	7.91	6.9	2.163	88.1	3.7	2.6	0.9
720	7/5/2014 2:16:03	19.28	52.37	34.55	6.50	7.90	8.4	2.222	86.5	4.2	2.9	1.0
721	7/5/2014 2:31:03	19.16	52.34	34.53	6.53	7.90	8.7	2.264	86.8	4.3	3.0	1.0
722	7/5/2014 2:46:03	18.94	52.28	34.49	6.59	7.90	33.5	2.314	87.1	4.3	3.0	1.0
723	7/5/2014 3:01:03	18.83	52.27	34.48	6.57	7.90	8.2	2.357	86.7	3.9	2.7	0.9
724	7/5/2014 3:16:03	18.69	52.24	34.46	6.57	7.90	8.9	2.407	86.4	3.5	2.5	0.8
725	7/5/2014 3:31:03	18.45	52.20	34.43	6.54	7.89	8.3	2.458	85.7	4.4	3.1	1.0
726	7/5/2014 3:46:03	18.19	52.16	34.40	6.53	7.89	11.9	2.483	85.1	4.2	2.9	1.0
727	7/5/2014 4:01:03	17.90	52.12	34.36	6.63	7.89	5.9	2.535	85.9	2.9	2.0	0.7
728	7/5/2014 4:16:03	17.60	52.08	34.33	6.64	7.89	5.1	2.579	85.5	3.8	2.7	0.9
729	7/5/2014 4:31:03	17.41	52.06	34.32	6.63	7.89	12.3	2.609	85.1	3.2	2.2	0.8
730	7/5/2014 4:46:04	17.29	52.04	34.30	6.66	7.89	17.8	2.651	85.2	3.3	2.3	0.8
731	7/5/2014 5:01:04	17.21	52.04	34.30	6.61	7.89		2.674	84.5	3.0	2.1	0.7
732	7/5/2014 5:16:03	17.15	52.01	34.28	6.54	7.89	18.3	2.704	83.5	2.8	2.0	0.7
733	7/5/2014 5:31:03	17.11	52.03	34.29	6.48	7.89		2.728	82.7	3.0	2.1	0.7
734	7/5/2014 5:46:03	16.99	52.01	34.28	6.36	7.88		2.747	80.9	3.0	2.1	0.7
735	7/5/2014 6:01:03	17.48	52.15	34.38	6.21	7.87	12.5	2.748	79.8	3.5	2.5	0.8
736	7/5/2014 6:16:03	16.95	52.02	34.28	6.31	7.87	3.9	2.745	80.2	2.1	1.5	0.5
737	7/5/2014 6:31:03	16.92	52.01	34.27	6.36	7.88	3.7	2.739	80.8	3.1	2.2	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
738	7/5/2014 6:46:04	16.91	51.98	34.25	6.31	7.88	4.0	2.710	80.2	2.5	1.8	0.6
739	7/5/2014 7:01:04	16.98	52.04	34.30	6.29	7.88	4.7	2.678	80.0	2.5	1.8	0.6
740	7/5/2014 7:16:04	17.60	52.23	34.45	5.65	7.82	5.6	2.634	72.7	3.3	2.3	0.8
741	7/5/2014 7:31:03	17.63	52.23	34.44	5.16	7.77	10.6	2.590	66.5	2.5	1.8	0.6
742	7/5/2014 7:46:03	17.00	52.32	34.51	5.12	7.73	9.4	2.543	65.2	2.9	2.0	0.7
743	7/5/2014 8:01:03	17.23	52.25	34.45	5.43	7.77	39.5	2.474	69.5	3.0	2.1	0.7
744	7/5/2014 8:16:03	17.15	52.22	34.43	5.49	7.76	12.3	2.423	70.1	2.3	1.6	0.5
745	7/5/2014 8:31:03	17.57	52.21	34.43	5.88	7.82	9.4	2.364	75.7	5.8	4.1	1.4
746	7/5/2014 8:46:03	17.95	52.19	34.42	5.99	7.84	7.2	2.297	77.7	3.1	2.2	0.7
747	7/5/2014 9:01:03	17.78	52.22	34.44	6.13	7.85	5.7	2.245	79.3	2.9	2.0	0.7
748	7/5/2014 9:16:03	18.25	52.23	34.45	6.17	7.86	5.4	2.182	80.5	3.8	2.7	0.9
749	7/5/2014 9:31:03	18.32	52.23	34.45	6.18	7.86	5.4	2.122	80.7	3.9	2.7	0.9
750	7/5/2014 9:46:03	18.29	52.26	34.47	6.19	7.86	5.3	2.072	80.8	3.3	2.3	0.8
751	7/5/2014 10:01:03	18.34	52.26	34.47	6.26	7.87	6.3	2.019	81.8	2.7	1.9	0.6
752	7/5/2014 10:16:03	18.26	52.27	34.48	6.35	7.87	5.4	1.972	82.8	3.3	2.3	0.8
753	7/5/2014 10:31:03	18.42	52.28	34.49	6.47	7.88	12.6	1.931	84.7	3.0	2.1	0.7
754	7/5/2014 10:46:03	18.76	52.34	34.53	6.37	7.88	4.0	1.908	84.0	2.8	2.0	0.7
755	7/5/2014 11:01:03	18.75	52.34	34.53	6.37	7.88	3.9	1.863	83.9	2.5	1.8	0.6
756	7/5/2014 11:16:03	18.92	52.35	34.54	6.26	7.88	3.6	1.870	82.7	2.8	2.0	0.7
757	7/5/2014 11:31:03	19.11	52.36	34.55	5.83	7.86	4.2	1.860	77.4	2.5	1.8	0.6
758	7/5/2014 11:46:03	19.00	52.30	34.50	6.18	7.88	3.9	1.854	81.7	2.8	2.0	0.7
759	7/5/2014 12:01:03	18.93	52.33	34.53	6.28	7.88	3.5	1.878	83.0	2.8	2.0	0.7
760	7/5/2014 12:16:03	18.94	52.33	34.52	6.21	7.88	4.3	1.890	82.1	3.1	2.2	0.7
761	7/5/2014 12:31:03	18.82	52.31	34.51	6.19	7.87	4.8	1.927	81.6	3.3	2.3	0.8
762	7/5/2014 12:46:03	18.83	52.32	34.52	6.15	7.87	4.8	1.960	81.2	3.7	2.6	0.9
763	7/5/2014 13:01:03	18.85	52.31	34.51	6.11	7.87	5.0	2.003	80.7	3.4	2.4	0.8
764	7/5/2014 13:16:03	18.93	52.31	34.51	6.16	7.87	5.1	2.067	81.4	3.7	2.6	0.9
765	7/5/2014 13:31:03	18.83	52.29	34.50	6.18	7.87	5.7	2.105	81.5	3.9	2.7	0.9
766	7/5/2014 13:46:03	18.72	52.30	34.50	6.13	7.86	43.3	2.165	80.6	3.4	2.4	0.8
767	7/5/2014 14:01:03	18.67	52.30	34.50	6.07	7.86	6.2	2.238	79.8	3.7	2.6	0.9
768	7/5/2014 14:16:03	18.58	52.25	34.47	6.10	7.86	6.7	2.289	80.1	3.6	2.5	0.8
769	7/5/2014 14:31:03	18.48	52.26	34.47	6.07	7.85	7.8	2.346	79.5	3.9	2.7	0.9
770	7/5/2014 14:46:03	18.30	52.20	34.43	6.13	7.86	7.8	2.418	80.1	3.0	2.1	0.7
771	7/5/2014 15:01:03	18.11	52.17	34.41	6.21	7.86	6.8	2.487	80.8	3.0	2.1	0.7
772	7/5/2014 15:16:03	17.87	52.12	34.36	6.38	7.87	6.3	2.551	82.6	4.2	2.9	1.0
773	7/5/2014 15:31:03	17.74	52.07	34.33	6.51	7.88	6.6	2.622	84.1	3.1	2.2	0.7
774	7/5/2014 15:46:03	17.53	52.03	34.30	6.61	7.89		2.686	85.0	3.7	2.6	0.9
775	7/5/2014 16:01:03	17.34	52.02	34.28	6.64	7.89		2.756	85.1	3.3	2.3	0.8
776	7/5/2014 16:16:03	17.04	51.98	34.26	6.67	7.89		2.831	84.9	3.0	2.1	0.7
777	7/5/2014 16:31:03	17.02	51.97	34.25	6.69	7.89		2.896	85.2	3.6	2.5	0.8
778	7/5/2014 16:46:03	16.86	51.92	34.21	6.86	7.90		2.964	87.0	3.1	2.2	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
779	7/5/2014 17:01:03	16.49	51.89	34.18	6.95	7.90	11.1	3.032	87.6	3.5	2.5	0.8
780	7/5/2014 17:16:03	16.18	51.85	34.14	7.19	7.91	8.6	3.101	90.0	3.1	2.2	0.7
781	7/5/2014 17:31:03	16.00	51.86	34.15	7.27	7.92	9.7	3.155	90.7	3.9	2.7	0.9
782	7/5/2014 17:46:03	15.81	51.85	34.14	7.37	7.93	9.5	3.213	91.5	3.7	2.6	0.9
783	7/5/2014 18:01:04	15.49	51.83	34.12	7.47	7.94	28.8	3.253	92.2	4.0	2.8	1.0
784	7/5/2014 18:16:03	15.39	51.83	34.12	7.52	7.94	3.9	3.294	92.6	3.1	2.2	0.7
785	7/5/2014 18:31:04	15.19	51.90	34.16	7.30	7.94	4.8	3.317	89.6	2.9	2.0	0.7
786	7/5/2014 18:46:03	15.86	51.92	34.19	7.24	7.93	5.4	3.324	90.0	3.5	2.5	0.8
787	7/5/2014 19:01:03	15.30	51.84	34.12	7.27	7.93	35.0	3.331	89.4	3.2	2.2	0.8
788	7/5/2014 19:16:04	15.25	51.85	34.12	7.31	7.93		3.308	89.8	3.1	2.2	0.7
789	7/5/2014 19:31:03	15.36	51.84	34.12	7.29	7.93	6.7	3.270	89.8	2.9	2.0	0.7
790	7/5/2014 19:46:03	16.62	51.86	34.16	7.11	7.93		3.219	89.8	3.0	2.1	0.7
791	7/5/2014 20:01:03	17.17	52.00	34.27	7.16	7.93	16.4	3.162	91.4	2.9	2.0	0.7
792	7/5/2014 20:16:03	17.30	51.98	34.26	7.27	7.94		3.087	93.1	2.7	1.9	0.6
793	7/5/2014 20:31:03	17.44	52.06	34.31	7.26	7.93		3.023	93.2	3.5	2.5	0.8
794	7/5/2014 20:46:03	17.74	52.04	34.30	7.14	7.92		2.940	92.2	3.7	2.6	0.9
795	7/5/2014 21:01:03	17.70	52.06	34.32	6.96	7.91	6.5	2.865	89.8	3.6	2.5	0.9
796	7/5/2014 21:16:03	17.80	52.06	34.32	6.85	7.91	7.6	2.797	88.5	3.1	2.2	0.7
797	7/5/2014 21:31:03	17.91	52.04	34.31	6.76	7.90	6.4	2.711	87.6	3.0	2.1	0.7
798	7/5/2014 21:46:03	18.08	52.09	34.34	6.71	7.90	6.9	2.640	87.3	4.0	2.8	0.9
799	7/5/2014 22:01:03	18.32	52.15	34.39	6.63	7.89	17.4	2.571	86.6	3.6	2.5	0.9
800	7/5/2014 22:16:03	18.54	52.18	34.41	6.58	7.89		2.494	86.2	3.0	2.1	0.7
801	7/5/2014 22:31:03	18.65	52.17	34.40	6.65	7.90	10.5	2.416	87.4	4.1	2.9	1.0
802	7/5/2014 22:46:03	18.77	52.22	34.44	6.55	7.89		2.344	86.3	3.9	2.7	0.9
803	7/5/2014 23:01:03	18.57	52.22	34.44	6.25	7.86		2.269	82.0	3.8	2.7	0.9
804	7/5/2014 23:16:03	18.58	52.23	34.45	6.44	7.87	6.7	2.205	84.6	4.3	3.0	1.0
805	7/5/2014 23:31:03	18.72	52.29	34.50	6.60	7.89	9.4	2.110	86.9	3.2	2.2	0.8
806	7/5/2014 23:46:03	18.76	52.32	34.51	6.65	7.89		2.045	87.6	4.0	2.8	0.9
807	7/6/2014 0:01:03	19.14	52.32	34.52	6.82	7.91		1.997	90.4	3.0	2.1	0.7
808	7/6/2014 0:16:03	19.45	52.40	34.58	6.92	7.93		1.915	92.4	3.4	2.4	0.8
809	7/6/2014 0:31:03	19.83	52.49	34.64	7.18	7.96		1.873	96.6	3.4	2.4	0.8
810	7/6/2014 0:46:03	20.10	52.50	34.65	7.23	7.97	7.3	1.854	97.7	3.1	2.2	0.7
811	7/6/2014 1:01:03	20.14	52.52	34.66	7.25	7.97	3.2	1.829	98.1	3.8	2.7	0.9
812	7/6/2014 1:16:03	20.19	52.50	34.65	7.04	7.96	27.3	1.814	95.3	7.7	5.4	1.8
813	7/6/2014 1:31:03	20.14	52.50	34.65	7.09	7.96	4.7	1.828	95.8	3.7	2.6	0.9
814	7/6/2014 1:46:03	20.03	52.47	34.63	7.27	7.96	4.3	1.851	98.1	3.1	2.2	0.7
815	7/6/2014 2:01:03	19.92	52.44	34.60	7.11	7.95	11.3	1.861	95.8	3.5	2.5	0.8
816	7/6/2014 2:16:03	19.84	52.42	34.59	7.14	7.95	4.3	1.907	96.1	3.5	2.5	0.8
817	7/6/2014 2:31:03	19.80	52.43	34.60	7.12	7.94	4.8	1.946	95.7	3.5	2.5	0.8
818	7/6/2014 2:46:03	19.75	52.44	34.60	7.07	7.94	6.0	1.992	94.9	3.7	2.6	0.9
819	7/6/2014 3:01:03	19.77	52.44	34.61	6.90	7.92	6.2	2.049	92.6	4.0	2.8	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
820	7/6/2014 3:16:03	20.01	52.50	34.65	6.59	7.90	11.5	2.087	88.9	5.1	3.6	1.2
821	7/6/2014 3:31:03	19.87	52.45	34.62	6.63	7.90	9.4	2.145	89.2	4.2	2.9	1.0
822	7/6/2014 3:46:03	19.64	52.41	34.59	6.67	7.90	6.6	2.198	89.3	4.5	3.2	1.1
823	7/6/2014 4:01:03	19.48	52.36	34.55	6.62	7.90	6.0	2.246	88.4	4.2	2.9	1.0
824	7/6/2014 4:16:03	19.31	52.33	34.53	6.60	7.89	6.2	2.293	87.9	3.7	2.6	0.9
825	7/6/2014 4:31:03	19.11	52.30	34.51	6.59	7.89	6.4	2.335	87.4	4.3	3.0	1.0
826	7/6/2014 4:46:03	18.79	52.24	34.46	6.57	7.89	6.4	2.394	86.5	3.9	2.7	0.9
827	7/6/2014 5:01:03	18.50	52.17	34.41	6.56	7.88	5.6	2.433	86.0	3.9	2.7	0.9
828	7/6/2014 5:16:03	18.19	52.14	34.38	6.57	7.88	6.9	2.475	85.6	4.0	2.8	0.9
829	7/6/2014 5:31:03	18.08	52.14	34.38	6.51	7.88	11.3	2.521	84.6	3.6	2.5	0.9
830	7/6/2014 5:46:03	17.77	52.08	34.33	6.56	7.88	4.8	2.557	84.7	3.5	2.5	0.8
831	7/6/2014 6:01:03	17.68	52.07	34.33	6.56	7.88	4.2	2.595	84.6	3.5	2.5	0.8
832	7/6/2014 6:16:03	17.59	52.07	34.33	6.59	7.88	4.5	2.625	84.8	3.0	2.1	0.7
833	7/6/2014 6:31:03	17.52	52.05	34.31	6.58	7.88	4.3	2.657	84.6	3.1	2.2	0.7
834	7/6/2014 6:46:03	17.49	52.05	34.31	6.52	7.88	3.7	2.675	83.8	3.2	2.2	0.8
835	7/6/2014 7:01:03	17.81	52.02	34.29	6.18	7.86	4.5	2.696	79.9	3.2	2.2	0.8
836	7/6/2014 7:16:03	17.86	52.12	34.36	6.18	7.86	5.7	2.709	80.0	3.2	2.2	0.8
837	7/6/2014 7:31:03	17.68	52.13	34.37	6.20	7.86	4.7	2.701	80.0	2.9	2.0	0.7
838	7/6/2014 7:46:03	17.54	52.05	34.31	6.20	7.86	4.1	2.692	79.7	2.2	1.5	0.5
839	7/6/2014 8:01:03	17.44	52.06	34.31	6.30	7.87		2.676	80.8	2.4	1.7	0.6
840	7/6/2014 8:16:03	17.49	52.03	34.30	6.19	7.86		2.646	79.5	2.6	1.8	0.6
841	7/6/2014 8:31:03	17.76	52.09	34.34	6.11	7.85	4.8	2.596	78.9	2.5	1.8	0.6
842	7/6/2014 8:46:03	18.33	52.28	34.48	5.63	7.80	7.9	2.559	73.5	2.7	1.9	0.6
843	7/6/2014 9:01:03	18.21	52.37	34.55	5.26	7.75	35.0	2.509	68.7	2.3	1.6	0.5
844	7/6/2014 9:16:03	18.08	52.28	34.48	5.41	7.77	40.3	2.462	70.3	3.4	2.4	0.8
845	7/6/2014 9:31:03	18.10	52.25	34.46	5.71	7.80	34.5	2.398	74.2	3.4	2.4	0.8
846	7/6/2014 9:46:03	18.42	52.28	34.49	5.93	7.83	13.1	2.352	77.6	3.1	2.2	0.7
847	7/6/2014 10:01:03	18.27	52.28	34.48	6.08	7.82	28.8	2.298	79.3	3.8	2.7	0.9
848	7/6/2014 10:16:03	18.71	52.30	34.50	6.10	7.85	63.1	2.242	80.3	3.2	2.2	0.8
849	7/6/2014 10:31:03	18.69	52.27	34.48	6.22	7.85	5.2	2.204	81.8	3.8	2.7	0.9
850	7/6/2014 10:46:04	18.86	52.30	34.50	6.36	7.87	5.1	2.157	84.0	4.0	2.8	1.0
851	7/6/2014 11:01:03	19.03	52.34	34.53	6.28	7.86	4.8	2.104	83.1	3.6	2.5	0.9
852	7/6/2014 11:16:03	19.14	52.33	34.52	6.30	7.87	4.7	2.069	83.6	2.9	2.0	0.7
853	7/6/2014 11:31:03	19.26	52.33	34.53	6.40	7.86	4.6	2.041	85.2	3.1	2.2	0.7
854	7/6/2014 11:46:03	19.28	52.36	34.55	6.27	7.87	4.3	2.017	83.5	3.1	2.2	0.7
855	7/6/2014 12:01:03	19.29	52.35	34.54	5.64	7.83	6.7	1.982	75.0	2.4	1.7	0.6
856	7/6/2014 12:16:03	19.30	52.34	34.54	5.58	7.82	4.0	1.973	74.3	2.3	1.6	0.5
857	7/6/2014 12:31:03	19.33	52.34	34.53	6.22	7.87	5.3	1.979	82.8	4.9	3.4	1.2
858	7/6/2014 12:46:03	19.36	52.32	34.52	6.33	7.87	3.9	1.970	84.4	4.7	3.3	1.1
859	7/6/2014 13:01:03	19.37	52.35	34.54	6.21	7.86	3.9	1.982	82.7	3.3	2.3	0.8
860	7/6/2014 13:16:03	19.43	52.35	34.54	6.18	7.87	5.4	2.007	82.4	3.9	2.7	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
861	7/6/2014 13:31:03	19.41	52.35	34.54	6.36	7.87	4.5	2.042	84.8	4.6	3.2	1.1
862	7/6/2014 13:46:03	19.41	52.36	34.55	6.29	7.87	5.3	2.076	83.9	4.3	3.0	1.0
863	7/6/2014 14:01:03	19.43	52.35	34.54	6.34	7.87	5.5	2.126	84.5	4.4	3.1	1.0
864	7/6/2014 14:16:03	19.23	52.33	34.52	6.27	7.86	7.7	2.177	83.3	4.0	2.8	0.9
865	7/6/2014 14:31:03	19.18	52.31	34.51	6.24	7.86	6.4	2.231	82.9	4.0	2.8	1.0
866	7/6/2014 14:46:03	18.92	52.28	34.49	6.25	7.86	6.5	2.291	82.5	4.5	3.2	1.1
867	7/6/2014 15:01:04	18.79	52.26	34.47	6.24	7.86	6.2	2.345	82.2	4.5	3.2	1.1
868	7/6/2014 15:16:03	18.57	52.16	34.40	6.26	7.86	6.1	2.411	82.1	3.2	2.2	0.8
869	7/6/2014 15:31:03	18.44	52.18	34.42	6.30	7.86	13.8	2.474	82.5	3.6	2.5	0.8
870	7/6/2014 15:46:03	18.26	52.14	34.38	6.37	7.87	6.8	2.540	83.1	4.6	3.2	1.1
871	7/6/2014 16:01:03	17.99	52.10	34.35	6.47	7.87	6.7	2.602	84.0	3.8	2.7	0.9
872	7/6/2014 16:16:03	17.85	52.04	34.31	6.62	7.88	6.4	2.680	85.7	4.1	2.9	1.0
873	7/6/2014 16:31:03	17.59	52.00	34.27	6.69	7.89	6.2	2.739	86.1	3.1	2.2	0.7
874	7/6/2014 16:46:03	17.41	52.01	34.28	6.75	7.89	5.6	2.806	86.6	3.8	2.7	0.9
875	7/6/2014 17:01:03	17.32	51.99	34.27	6.82	7.89	5.7	2.881	87.3	3.8	2.7	0.9
876	7/6/2014 17:16:03	17.05	51.95	34.23	6.85	7.89	6.2	2.949	87.3	4.0	2.8	0.9
877	7/6/2014 17:31:03	16.74	51.90	34.19	6.98	7.90	7.3	3.024	88.3	3.9	2.7	0.9
878	7/6/2014 17:46:04	16.23	51.90	34.19	7.11	7.91	6.5	3.086	89.1	4.2	2.9	1.0
879	7/6/2014 18:01:04	16.02	51.87	34.16	7.23	7.92	6.2	3.164	90.2	3.7	2.6	0.9
880	7/6/2014 18:16:03	15.77	51.86	34.14	7.35	7.93	6.1	3.221	91.3	4.4	3.1	1.1
881	7/6/2014 18:31:04	15.51	51.87	34.14	7.39	7.94	4.5	3.261	91.3	4.0	2.8	0.9
882	7/6/2014 18:46:03	15.37	51.83	34.11	7.45	7.94	4.3	3.323	91.7	3.9	2.7	0.9
883	7/6/2014 19:01:03	15.22	51.83	34.11	7.49	7.94	3.6	3.356	91.9	5.8	4.1	1.4
884	7/6/2014 19:16:04	15.13	51.85	34.12	7.35	7.94	2.8	3.369	90.1	4.0	2.8	0.9
885	7/6/2014 19:31:03	15.69	51.94	34.20	7.11	7.93	4.2	3.384	88.1	4.4	3.1	1.0
886	7/6/2014 19:46:03	15.17	51.83	34.11	7.26	7.93	3.2	3.393	89.0	3.4	2.4	0.8
887	7/6/2014 20:01:03	15.12	51.85	34.12	7.29	7.93	3.9	3.367	89.3	3.2	2.2	0.8
888	7/6/2014 20:16:04	15.25	51.82	34.10	7.26	7.93	4.5	3.319	89.2	3.1	2.2	0.7
889	7/6/2014 20:31:03	16.12	51.90	34.18	6.95	7.91	6.2	3.280	86.9	3.2	2.2	0.8
890	7/6/2014 20:46:03	16.34	51.90	34.19	6.96	7.91	6.5	3.230	87.4	3.7	2.6	0.9
891	7/6/2014 21:01:03	16.01	51.84	34.13	7.01	7.91	27.1	3.161	87.4	3.8	2.7	0.9
892	7/6/2014 21:16:03	16.67	51.96	34.23	7.21	7.93	6.4	3.073	91.2	4.1	2.9	1.0
893	7/6/2014 21:31:03	17.59	52.05	34.31	7.21	7.93	7.8	2.999	92.8	4.6	3.2	1.1
894	7/6/2014 21:46:03	17.53	52.04	34.30	7.00	7.91	6.3	2.923	90.0	4.8	3.4	1.1
895	7/6/2014 22:01:03	17.74	52.05	34.31	6.79	7.90	6.0	2.846	87.6	4.2	2.9	1.0
896	7/6/2014 22:16:03	17.85	52.07	34.33	6.69	7.89	6.9	2.762	86.5	5.0	3.5	1.2
897	7/6/2014 22:31:03	18.01	52.08	34.34	6.65	7.89	6.5	2.673	86.2	5.0	3.5	1.2
898	7/6/2014 22:46:03	18.38	52.12	34.37	6.51	7.88	6.8	2.596	85.0	4.9	3.4	1.2
899	7/6/2014 23:01:03	18.40	52.15	34.39	6.53	7.88	6.5	2.517	85.4	3.9	2.7	0.9
900	7/6/2014 23:16:03	18.72	52.19	34.42	6.29	7.86	7.2	2.422	82.8	4.6	3.2	1.1
901	7/6/2014 23:31:03	18.70	52.19	34.42	6.40	7.87	6.8	2.330	84.1	4.1	2.9	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
902	7/6/2014 23:46:03	18.38	52.05	34.32	6.06	7.85	7.2	2.242	79.1	4.5	3.2	1.1
903	7/7/2014 0:01:03	18.66	52.23	34.45	6.51	7.88	6.9	2.152	85.6	3.9	2.7	0.9
904	7/7/2014 0:16:03	18.78	52.23	34.45	6.55	7.88	6.5	2.059	86.3	4.1	2.9	1.0
905	7/7/2014 0:31:03	18.97	52.29	34.50	6.60	7.89	16.0	1.956	87.2	4.2	2.9	1.0
906	7/7/2014 0:46:03	19.32	52.33	34.52	6.66	7.90	9.7	1.892	88.7	3.6	2.5	0.8
907	7/7/2014 1:01:03	19.23	52.33	34.53	6.60	7.89	22.8	1.814	87.7	5.0	3.5	1.2
908	7/7/2014 1:16:03	19.54	52.36	34.55	6.71	7.91	6.3	1.753	89.7	3.6	2.5	0.9
909	7/7/2014 1:31:03	20.10	52.45	34.61	6.90	7.94	10.4	1.697	93.2	9.4	6.6	2.2
910	7/7/2014 1:46:03	19.95	52.44	34.60	6.81	7.92	15.6	1.656	91.7	2.9	2.0	0.7
911	7/7/2014 2:01:03	20.42	52.48	34.63	6.96	7.95	25.7	1.652	94.6	3.5	2.5	0.8
912	7/7/2014 2:16:03	20.37	52.54	34.67	6.82	7.95	17.3	1.635	92.7	3.1	2.2	0.7
913	7/7/2014 2:31:03	20.46	52.47	34.63	6.96	7.96	2.9	1.635	94.7	2.6	1.8	0.6
914	7/7/2014 2:46:03	20.43	52.50	34.65	7.04	7.96	5.1	1.657	95.7	2.8	2.0	0.7
915	7/7/2014 3:01:02	20.30	52.44	34.61	7.00	7.95	40.2	1.700	94.9	3.1	2.2	0.7
916	7/7/2014 3:16:02	20.29	52.42	34.59	7.02	7.95	17.5	1.736	95.2	3.6	2.5	0.9
917	7/7/2014 3:31:03	20.24	52.47	34.62	6.99	7.95	9.4	1.773	94.8	3.5	2.5	0.8
918	7/7/2014 3:46:03	20.18	52.42	34.59	6.96	7.94	7.7	1.841	94.2	3.4	2.4	0.8
919	7/7/2014 4:01:03	20.09	52.44	34.60	6.88	7.93	20.7	1.895	93.0	3.5	2.5	0.8
920	7/7/2014 4:16:03	20.21	52.50	34.65	6.55	7.90	8.5	1.938	88.7	4.7	3.3	1.1
921	7/7/2014 4:31:03	20.20	52.50	34.65	6.46	7.89	7.1	1.996	87.5	5.5	3.9	1.3
922	7/7/2014 4:46:03	20.07	52.48	34.63	6.49	7.89	7.6	2.056	87.7	4.6	3.2	1.1
923	7/7/2014 5:01:03	19.85	52.43	34.60	6.51	7.89	6.7	2.111	87.6	4.3	3.0	1.0
924	7/7/2014 5:16:03	19.71	52.40	34.58	6.49	7.89	6.4	2.158	87.0	3.9	2.7	0.9
925	7/7/2014 5:31:03	19.37	52.33	34.52	6.47	7.88	6.2	2.224	86.2	4.6	3.2	1.1
926	7/7/2014 5:46:03	19.01	52.25	34.47	6.43	7.88	6.3	2.277	85.1	3.8	2.7	0.9
927	7/7/2014 6:01:03	18.66	52.22	34.44	6.43	7.87	6.0	2.319	84.5	3.9	2.7	0.9
928	7/7/2014 6:16:03	18.38	52.17	34.40	6.42	7.87	7.3	2.385	84.0	3.7	2.6	0.9
929	7/7/2014 6:31:03	18.26	52.15	34.39	6.41	7.87	5.1	2.435	83.6	3.4	2.4	0.8
930	7/7/2014 6:46:03	18.08	52.10	34.35	6.40	7.87	5.3	2.476	83.2	3.6	2.5	0.9
931	7/7/2014 7:01:03	17.95	52.09	34.34	6.43	7.87	4.8	2.527	83.4	3.6	2.5	0.8
932	7/7/2014 7:16:03	17.84	52.08	34.33	6.44	7.87	5.3	2.566	83.3	3.5	2.5	0.8
933	7/7/2014 7:31:03	17.78	52.08	34.33	6.44	7.87	4.8	2.607	83.2	3.4	2.4	0.8
934	7/7/2014 7:46:03	17.67	52.08	34.33	6.43	7.87	5.1	2.636	82.9	3.1	2.2	0.7
935	7/7/2014 8:01:03	17.49	52.05	34.31	6.48	7.87	4.6	2.675	83.2	3.2	2.2	0.8
936	7/7/2014 8:16:03	17.39	52.06	34.31	6.41	7.87	4.4	2.689	82.2	3.2	2.2	0.8
937	7/7/2014 8:31:03	17.36	52.04	34.30	6.36	7.87	5.0	2.711	81.4	3.3	2.3	0.8
938	7/7/2014 8:46:03	17.60	52.09	34.34	6.19	7.86	5.0	2.717	79.7	3.5	2.5	0.8
939	7/7/2014 9:01:03	17.42	52.03	34.29	6.17	7.85	4.5	2.715	79.1	2.9	2.0	0.7
940	7/7/2014 9:16:03	17.44	52.02	34.29	6.17	7.85	4.3	2.709	79.2	10.1	7.1	2.4
941	7/7/2014 9:31:03	17.32	52.02	34.29	6.25	7.86	4.0	2.666	80.1	2.6	1.8	0.6
942	7/7/2014 9:46:03	17.63	52.04	34.30	6.11	7.85	4.6	2.650	78.7	2.7	1.9	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
943	7/7/2014 10:01:03	18.25	52.34	34.53	5.19	7.73	6.4	2.607	67.7	3.0	2.1	0.7
944	7/7/2014 10:16:03	18.02	52.29	34.49	5.81	7.79	5.9	2.548	75.4	3.2	2.2	0.8
945	7/7/2014 10:31:03	17.98	52.22	34.44	6.47	7.85	5.4	2.511	83.9	3.0	2.1	0.7
946	7/7/2014 10:46:03	18.06	52.14	34.38	6.56	7.87	5.4	2.451	85.3	3.1	2.2	0.7
947	7/7/2014 11:01:03	18.23	52.16	34.39	6.64	7.88	6.1	2.390	86.5	3.1	2.2	0.7
948	7/7/2014 11:16:03	18.33	52.17	34.41	6.51	7.87	5.9	2.340	85.0	3.0	2.1	0.7
949	7/7/2014 11:31:03	18.51	52.18	34.41	6.85	7.90	5.5	2.278	89.8	3.1	2.2	0.7
950	7/7/2014 11:46:03	18.82	52.24	34.46	6.56	7.88	4.7	2.241	86.5	3.5	2.5	0.8
951	7/7/2014 12:01:03	19.13	52.30	34.50	6.38	7.87	5.1	2.190	84.7	3.8	2.7	0.9
952	7/7/2014 12:16:03	19.02	52.24	34.46	6.76	7.90	4.5	2.150	89.4	2.4	1.7	0.6
953	7/7/2014 12:31:03	19.22	52.23	34.45	6.49	7.88	4.5	2.105	86.3	2.7	1.9	0.6
954	7/7/2014 12:46:03	19.28	52.29	34.49	6.47	7.88	3.8	2.083	86.0	2.3	1.6	0.5
955	7/7/2014 13:01:03	19.37	52.26	34.48	6.19	7.85	3.7	2.067	82.5	2.5	1.8	0.6
956	7/7/2014 13:16:03	19.57	52.27	34.48	5.58	7.84	3.2	2.042	74.6	2.1	1.5	0.5
957	7/7/2014 13:31:03	19.43	52.26	34.47	6.95	7.90	5.3	2.054	92.7	3.5	2.5	0.8
958	7/7/2014 13:46:03	19.55	52.33	34.53	6.43	7.88	7.4	2.062	86.0	3.5	2.5	0.8
959	7/7/2014 14:01:03	19.49	52.33	34.52	6.41	7.87	5.1	2.076	85.6	4.1	2.9	1.0
960	7/7/2014 14:16:03	19.47	52.32	34.52	6.39	7.87	4.8	2.098	85.4	4.4	3.1	1.0
961	7/7/2014 14:31:03	19.51	52.17	34.41	6.40	7.87	4.8	2.129	85.5	4.4	3.1	1.0
962	7/7/2014 14:46:03	19.39	52.31	34.51	6.43	7.87	5.3	2.183	85.7	4.4	3.1	1.1
963	7/7/2014 15:01:03	19.10	52.24	34.46	6.42	7.87	5.9	2.222	85.1	4.5	3.2	1.1
964	7/7/2014 15:16:03	19.09	52.24	34.46	6.49	7.87	5.0	2.260	86.1	5.1	3.6	1.2
965	7/7/2014 15:31:03	18.90	52.21	34.44	6.50	7.87	5.4	2.326	85.8	4.0	2.8	1.0
966	7/7/2014 15:46:03	18.76	52.17	34.41	6.51	7.87	5.3	2.387	85.7	4.5	3.2	1.1
967	7/7/2014 16:01:03	18.62	52.16	34.40	6.49	7.87	5.5	2.429	85.3	3.9	2.7	0.9
968	7/7/2014 16:16:03	18.51	52.15	34.39	6.53	7.87	5.9	2.501	85.6	4.4	3.1	1.0
969	7/7/2014 16:31:03	18.25	52.12	34.37	6.45	7.86	6.4	2.570	84.1	3.9	2.7	0.9
970	7/7/2014 16:46:03	17.90	52.07	34.33	6.50	7.87	6.1	2.634	84.2	3.9	2.7	0.9
971	7/7/2014 17:01:03	17.61	52.03	34.30	6.66	7.88	7.2	2.705	85.8	4.2	2.9	1.0
972	7/7/2014 17:16:03	17.31	52.01	34.28	6.68	7.88	6.5	2.772	85.5	3.7	2.6	0.9
973	7/7/2014 17:31:03	17.17	51.99	34.26	6.68	7.88	5.8	2.853	85.2	4.2	2.9	1.0
974	7/7/2014 17:46:03	16.93	51.97	34.24	6.71	7.89	6.7	2.924	85.3	3.6	2.5	0.9
975	7/7/2014 18:01:03	16.80	51.93	34.22	6.84	7.89	7.7	2.992	86.6	4.2	2.9	1.0
976	7/7/2014 18:16:03	16.44	51.90	34.18	6.99	7.90	6.5	3.069	87.9	4.0	2.8	0.9
977	7/7/2014 18:31:03	15.78	51.87	34.15	7.17	7.92	7.9	3.143	89.1	4.6	3.2	1.1
978	7/7/2014 18:46:03	15.55	51.86	34.14	7.17	7.92	9.2	3.211	88.7	4.0	2.8	0.9
979	7/7/2014 19:01:03	15.24	51.83	34.11	7.24	7.93	7.2	3.276	88.9	3.8	2.7	0.9
980	7/7/2014 19:16:03	15.02	51.83	34.11	7.30	7.93	5.9	3.336	89.2	4.2	2.9	1.0
981	7/7/2014 19:31:03	14.88	51.83	34.10	7.31	7.93	5.4	3.393	89.2	5.2	3.6	1.2
982	7/7/2014 19:46:04	14.59	51.85	34.10	7.38	7.94	5.1	3.429	89.5	4.3	3.0	1.0
983	7/7/2014 20:01:04	14.49	51.84	34.09	7.26	7.93	3.7	3.459	87.9	3.8	2.7	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
984	7/7/2014 20:16:04	14.32	51.86	34.10	7.11	7.93	3.2	3.486	85.8	4.5	3.2	1.1
985	7/7/2014 20:31:04	14.71	51.88	34.13	7.04	7.92	4.6	3.480	85.6	4.2	2.9	1.0
986	7/7/2014 20:46:03	14.39	51.83	34.09	7.10	7.93	4.1	3.468	85.7	3.8	2.7	0.9
987	7/7/2014 21:01:04	14.44	51.83	34.09	7.19	7.93	4.3	3.436	86.9	4.1	2.9	1.0
988	7/7/2014 21:16:03	14.65	51.84	34.10	7.03	7.92	4.6	3.387	85.3	3.1	2.2	0.7
989	7/7/2014 21:31:03	15.70	51.87	34.15	6.81	7.90	6.2	3.328	84.4	9.1	6.4	2.2
990	7/7/2014 21:46:03	15.72	51.78	34.08	6.76	7.89	5.9	3.261	83.8	4.7	3.3	1.1
991	7/7/2014 22:01:03	16.13	51.97	34.23	6.92	7.91	6.0	3.171	86.6	4.2	2.9	1.0
992	7/7/2014 22:16:04	16.63	52.00	34.26	6.75	7.90	6.1	3.085	85.3	4.9	3.4	1.2
993	7/7/2014 22:31:03	17.08	52.03	34.29	6.85	7.91	6.8	3.004	87.3	4.2	2.9	1.0
994	7/7/2014 22:46:03	16.98	52.02	34.28	6.79	7.90	7.0	2.913	86.4	4.0	2.8	0.9
995	7/7/2014 23:01:04	17.14	52.01	34.28	6.74	7.90	8.3	2.814	86.0	7.0	4.9	1.7
996	7/7/2014 23:16:04	17.42	52.04	34.30	6.56	7.88	8.1	2.723	84.1	5.6	3.9	1.3
997	7/7/2014 23:31:03	17.67	52.08	34.33	6.45	7.87	7.3	2.630	83.1	4.7	3.3	1.1
998	7/7/2014 23:46:03	18.00	52.10	34.35	6.35	7.87	7.3	2.521	82.4	4.2	2.9	1.0
999	7/8/2014 0:01:03	18.34	52.15	34.39	6.13	7.84	7.3	2.423	80.1	3.6	2.5	0.9
1000	7/8/2014 0:16:03	18.27	52.15	34.39	6.11	7.84	7.4	2.336	79.7	8.5	6.0	2.0
1001	7/8/2014 0:31:03	18.29	52.17	34.41	6.23	7.85	7.2	2.217	81.3	4.8	3.4	1.1
1002	7/8/2014 0:46:03	18.41	52.20	34.43	6.30	7.86	7.5	2.108	82.4	5.0	3.5	1.2
1003	7/8/2014 1:01:03	18.33	52.23	34.45	6.24	7.85	8.4	2.009	81.5	4.0	2.8	1.0
1004	7/8/2014 1:16:03	18.39	52.22	34.44	6.29	7.85	10.8	1.916	82.3	3.6	2.5	0.8
1005	7/8/2014 1:31:03	18.68	52.28	34.49	6.28	7.86	10.4	1.815	82.6	3.5	2.5	0.8
1006	7/8/2014 1:46:03	18.95	52.29	34.49	6.35	7.87	7.8	1.700	84.0	4.1	2.9	1.0
1007	7/8/2014 2:01:03	19.17	52.32	34.52	6.38	7.87	7.0	1.633	84.7	3.5	2.5	0.8
1008	7/8/2014 2:16:03	19.19	52.32	34.52	6.29	7.86	7.6	1.548	83.5	3.7	2.6	0.9
1009	7/8/2014 2:31:03	19.62	52.42	34.59	6.46	7.89	7.2	1.494	86.5	3.3	2.3	0.8
1010	7/8/2014 2:46:03	19.60	52.41	34.59	6.44	7.89	6.3	1.443	86.2	4.0	2.8	1.0
1011	7/8/2014 3:01:03	19.97	52.48	34.64	6.63	7.92	6.2	1.412	89.3	3.6	2.5	0.8
1012	7/8/2014 3:16:03	20.03	52.46	34.62	6.38	7.90	4.0	1.420	86.1	3.2	2.2	0.8
1013	7/8/2014 3:31:03	20.11	52.47	34.62	6.57	7.92	3.7	1.420	88.8	3.2	2.2	0.8
1014	7/8/2014 3:46:03	20.06	52.47	34.63	6.68	7.93	3.4	1.438	90.2	3.4	2.4	0.8
1015	7/8/2014 4:01:03	19.98	52.45	34.61	6.66	7.92	4.4	1.481	89.8	3.0	2.1	0.7
1016	7/8/2014 4:16:03	20.10	52.47	34.63	6.81	7.93	4.5	1.540	92.0	2.6	1.8	0.6
1017	7/8/2014 4:31:03	20.00	52.46	34.62	6.78	7.93	4.5	1.591	91.5	5.9	4.1	1.4
1018	7/8/2014 4:46:03	19.93	52.45	34.61	6.74	7.92	4.5	1.663	90.7	3.1	2.2	0.7
1019	7/8/2014 5:01:03	19.86	52.42	34.59	6.68	7.92	5.0	1.725	89.9	3.4	2.4	0.8
1020	7/8/2014 5:16:03	19.80	52.42	34.59	6.63	7.91	4.8	1.792	89.1	3.2	2.2	0.8
1021	7/8/2014 5:31:03	19.75	52.42	34.59	6.64	7.91	5.4	1.861	89.1	3.5	2.5	0.8
1022	7/8/2014 5:46:03	19.58	52.40	34.58	6.56	7.90	5.1	1.913	87.8	3.8	2.7	0.9
1023	7/8/2014 6:01:03	19.48	52.37	34.55	6.51	7.90	5.4	1.992	87.0	3.9	2.7	0.9
1024	7/8/2014 6:16:03	19.44	52.38	34.56	6.48	7.89	7.3	2.051	86.5	3.7	2.6	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
1025	7/8/2014 6:31:03	19.15	52.32	34.52	6.34	7.87	5.6	2.111	84.1	3.7	2.6	0.9
1026	7/8/2014 6:46:03	18.82	52.26	34.47	6.28	7.86	5.5	2.186	82.8	4.0	2.8	0.9
1027	7/8/2014 7:01:03	18.59	52.22	34.44	6.23	7.86	6.0	2.250	81.8	4.2	2.9	1.0
1028	7/8/2014 7:16:03	18.45	52.19	34.42	6.18	7.85	6.3	2.295	80.9	4.7	3.3	1.1
1029	7/8/2014 7:31:03	18.28	52.12	34.37	6.20	7.85	5.3	2.364	80.9	4.5	3.2	1.1
1030	7/8/2014 7:46:03	18.08	52.13	34.37	6.22	7.85	5.9	2.430	80.9	3.0	2.1	0.7
1031	7/8/2014 8:01:03	17.95	52.12	34.36	6.22	7.85	6.5	2.486	80.6	12.1	8.5	2.9
1032	7/8/2014 8:16:03	17.84	52.10	34.35	6.21	7.85	5.6	2.535	80.3	3.7	2.6	0.9
1033	7/8/2014 8:31:03	17.65	52.05	34.31	6.25	7.85	5.5	2.599	80.5	4.1	2.9	1.0
1034	7/8/2014 8:46:03	17.51	52.05	34.31	6.23	7.85	6.7	2.638	80.1	3.7	2.6	0.9
1035	7/8/2014 9:01:03	17.36	52.04	34.30	6.24	7.85	5.3	2.689	80.0	9.9	6.9	2.3
1036	7/8/2014 9:16:03	16.99	51.99	34.26	6.34	7.86	5.3	2.734	80.6	3.6	2.5	0.8
1037	7/8/2014 9:31:03	16.90	51.95	34.23	6.27	7.86	3.9	2.757	79.7	3.8	2.7	0.9
1038	7/8/2014 9:46:03	16.85	51.95	34.23	6.24	7.85	4.1	2.795	79.2	4.8	3.4	1.1
1039	7/8/2014 10:01:03	17.38	52.09	34.34	6.03	7.84	5.3	2.799	77.3	9.6	6.7	2.3
1040	7/8/2014 10:16:03	16.96	52.03	34.29	6.14	7.84	4.6	2.805	78.1	4.9	3.4	1.2
1041	7/8/2014 10:31:03	16.91	51.96	34.23	6.12	7.84	16.0	2.791	77.7	2.9	2.0	0.7
1042	7/8/2014 10:46:03	16.86	51.96	34.24	6.12	7.85	28.0	2.763	77.7	2.9	2.0	0.7
1043	7/8/2014 11:01:04	17.16	51.99	34.26	6.02	7.84	81.3	2.735	76.8	3.4	2.4	0.8
1044	7/8/2014 11:16:03	17.94	52.36	34.54	5.95	7.83	41.8	2.682	77.2	3.7	2.6	0.9
1045	7/8/2014 11:31:03	17.84	52.16	34.40	6.36	7.85	12.2	2.615	82.3	3.5	2.5	0.8
1046	7/8/2014 11:46:03	17.84	52.09	34.35	6.44	7.86	13.3	2.568	83.3	3.5	2.5	0.8
1047	7/8/2014 12:01:03	17.86	52.07	34.32	6.41	7.86	42.4	2.510	82.9	3.2	2.2	0.8
1048	7/8/2014 12:16:03	18.00	52.09	34.34	6.54	7.87	6.7	2.437	84.8	3.1	2.2	0.7
1049	7/8/2014 12:31:03	18.16	52.12	34.37	6.52	7.87	9.3	2.377	84.8	2.6	1.8	0.6
1050	7/8/2014 12:46:03	18.33	52.17	34.40	6.33	7.86	18.3	2.334	82.6	2.9	2.0	0.7
1051	7/8/2014 13:01:03	18.53	52.19	34.42	6.06	7.84	28.8	2.287	79.5	3.2	2.2	0.8
1052	7/8/2014 13:16:03	18.72	52.19	34.42	6.00	7.84	35.4	2.231	79.0	3.2	2.2	0.7
1053	7/8/2014 13:31:03	18.99	52.27	34.48	5.84	7.83	53.0	2.194	77.3	3.0	2.1	0.7
1054	7/8/2014 13:46:03	19.12	52.25	34.47	5.78	7.82	4.5	2.160	76.6	3.1	2.2	0.7
1055	7/8/2014 14:01:03	19.25	52.32	34.52	6.04	7.84	4.0	2.130	80.3	3.3	2.3	0.8
1056	7/8/2014 14:16:03	19.40	52.29	34.50	6.03	7.85	3.6	2.122	80.3	2.8	2.0	0.7
1057	7/8/2014 14:31:03	19.33	52.29	34.50	6.31	7.86	4.5	2.111	84.0	6.8	4.8	1.6
1058	7/8/2014 14:46:03	19.23	52.27	34.48	6.43	7.87	4.5	2.125	85.5	7.5	5.3	1.8
1059	7/8/2014 15:01:03	19.29	52.31	34.51	6.25	7.86	4.4	2.135	83.1	3.8	2.7	0.9
1060	7/8/2014 15:16:03	19.14	52.25	34.47	6.36	7.86	17.6	2.169	84.4	4.7	3.3	1.1
1061	7/8/2014 15:31:03	19.20	52.28	34.49	6.45	7.87	49.7	2.196	85.7	5.9	4.1	1.4
1062	7/8/2014 15:46:03	19.12	52.26	34.47	6.47	7.87	58.1	2.234	85.8	5.4	3.8	1.3
1063	7/8/2014 16:01:03	18.89	52.22	34.45	6.44	7.86	49.6	2.284	85.0	5.5	3.9	1.3
1064	7/8/2014 16:16:03	18.83	52.18	34.41	6.46	7.86	53.8	2.336	85.2	5.0	3.5	1.2
1065	7/8/2014 16:31:03	18.63	52.14	34.38	6.52	7.87	30.7	2.400	85.6	5.1	3.6	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
1066	7/8/2014 16:46:03	18.47	52.12	34.37	6.61	7.87	9.5	2.465	86.5	5.9	4.1	1.4
1067	7/8/2014 17:01:03	18.39	52.11	34.36	6.54	7.87	6.2	2.523	85.5	7.6	5.3	1.8
1068	7/8/2014 17:16:03	18.23	52.11	34.36	6.46	7.86	6.0	2.586	84.3	4.5	3.2	1.1
1069	7/8/2014 17:31:03	18.05	52.08	34.33	6.52	7.86	6.3	2.667	84.7	4.8	3.4	1.1
1070	7/8/2014 17:46:03	17.47	52.01	34.28	6.54	7.87	7.2	2.741	84.0	3.9	2.7	0.9
1071	7/8/2014 18:01:03	17.04	51.96	34.24	6.61	7.87	5.8	2.802	84.2	4.2	2.9	1.0
1072	7/8/2014 18:16:03	16.93	51.95	34.23	6.65	7.88	5.7	2.887	84.4	5.1	3.6	1.2
1073	7/8/2014 18:31:03	16.72	51.93	34.22	6.69	7.88	8.4	2.977	84.6	9.6	6.7	2.3
1074	7/8/2014 18:46:03	16.43	51.90	34.19	6.84	7.89	29.2	3.051	86.0	4.4	3.1	1.0
1075	7/8/2014 19:01:03	15.96	51.86	34.15	6.98	7.90	9.0	3.127	86.9	4.6	3.2	1.1
1076	7/8/2014 19:16:04	15.33	51.82	34.11	7.24	7.92	91.9	3.215	89.1	8.0	5.6	1.9
1077	7/8/2014 19:31:03	14.96	51.80	34.08	7.30	7.93	22.2	3.294	89.2	9.1	6.4	2.2
1078	7/8/2014 19:46:03	14.54	51.78	34.06	7.41	7.94	7.4	3.355	89.7	7.8	5.5	1.9
1079	7/8/2014 20:01:03	14.37	51.79	34.06	7.52	7.95	6.6	3.430	90.8	7.3	5.1	1.7
1080	7/8/2014 20:16:03	14.05	51.76	34.02	7.75	7.96	4.9	3.490	92.9	6.1	4.3	1.4
1081	7/8/2014 20:31:04	13.69	51.78	34.03	7.90	7.98	5.3	3.540	94.0	7.8	5.5	1.9
1082	7/8/2014 20:46:04	13.62	51.75	34.00	7.82	7.98	4.9	3.576	92.9	5.3	3.7	1.3
1083	7/8/2014 21:01:03	13.48	51.76	34.00	7.87	7.98	13.0	3.602	93.3	5.5	3.9	1.3
1084	7/8/2014 21:16:03	13.53	51.73	33.99	7.41	7.96	2.2	3.615	87.9	5.3	3.7	1.3
1085	7/8/2014 21:31:03	13.78	51.78	34.03	7.65	7.96	5.0	3.614	91.2	5.4	3.8	1.3
1086	7/8/2014 21:46:04	13.52	51.81	34.04	7.73	7.97	4.2	3.583	91.7	5.5	3.9	1.3
1087	7/8/2014 22:01:04	13.61	51.77	34.01	7.70	7.97	4.3	3.531	91.5	4.4	3.1	1.0
1088	7/8/2014 22:16:04	14.80	51.99	34.22	7.09	7.93	5.3	3.477	86.4	4.0	2.8	0.9
1089	7/8/2014 22:31:03	15.18	51.92	34.17	6.89	7.90	5.3	3.392	84.5	4.6	3.2	1.1
1090	7/8/2014 22:46:04	14.70	51.92	34.16	7.07	7.91	6.1	3.310	85.9	4.9	3.4	1.2
1091	7/8/2014 23:01:03	15.65	51.89	34.16	7.10	7.92	6.2	3.206	88.0	4.6	3.2	1.1
1092	7/8/2014 23:16:03	16.42	51.98	34.25	7.13	7.93	7.5	3.109	89.7	4.0	2.8	0.9
1093	7/8/2014 23:31:03	16.55	52.01	34.27	7.20	7.93	6.7	3.019	90.8	4.1	2.9	1.0
1094	7/8/2014 23:46:03	16.56	51.96	34.23	7.15	7.93	6.7	2.908	90.1	4.4	3.1	1.0
1095	7/9/2014 0:01:03	16.74	52.01	34.27	7.08	7.92	6.5	2.798	89.6	3.7	2.6	0.9
1096	7/9/2014 0:16:03	17.00	51.99	34.26	6.96	7.91	6.8	2.696	88.6	4.9	3.4	1.2
1097	7/9/2014 0:31:03	17.37	52.06	34.31	6.70	7.88	7.2	2.591	85.9	4.4	3.1	1.0
1098	7/9/2014 0:46:03	17.73	52.11	34.35	6.38	7.86	7.8	2.474	82.4	4.0	2.8	1.0
1099	7/9/2014 1:01:03	17.86	52.14	34.38	6.34	7.85	8.1	2.346	82.1	3.9	2.7	0.9
1100	7/9/2014 1:16:03	17.76	52.09	34.34	6.21	7.85	7.2	2.243	80.3	4.1	2.9	1.0
1101	7/9/2014 1:31:03	17.69	52.12	34.36	6.44	7.86	8.3	2.107	83.1	3.0	2.1	0.7
1102	7/9/2014 1:46:03	17.99	52.16	34.40	6.42	7.86	8.5	1.981	83.3	3.2	2.2	0.8
1103	7/9/2014 2:01:03	18.24	52.22	34.44	6.59	7.88	8.9	1.886	86.0	4.0	2.8	0.9
1104	7/9/2014 2:16:03	18.27	52.27	34.48	6.44	7.87	8.7	1.754	84.0	3.5	2.5	0.8
1105	7/9/2014 2:31:03	18.67	52.29	34.49	6.52	7.88	8.3	1.640	85.7	3.4	2.4	0.8
1106	7/9/2014 2:46:03	18.62	52.31	34.51	6.40	7.86	10.1	1.524	84.1	3.9	2.7	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
1107	7/9/2014 3:01:03	19.03	52.38	34.56	6.39	7.87	8.8	1.424	84.6	3.8	2.7	0.9
1108	7/9/2014 3:16:03	19.16	52.37	34.56	6.37	7.87	7.8	1.341	84.5	4.6	3.2	1.1
1109	7/9/2014 3:31:03	19.25	52.38	34.56	6.35	7.87	7.8	1.262	84.5	3.5	2.5	0.8
1110	7/9/2014 3:46:03	19.52	52.46	34.62	6.49	7.89	6.0	1.212	86.8	3.2	2.2	0.8
1111	7/9/2014 4:01:03	19.61	52.52	34.67	6.58	7.91	5.7	1.190	88.2	3.7	2.6	0.9
1112	7/9/2014 4:16:03	19.60	52.53	34.67	6.49	7.90	5.4	1.204	87.0	3.9	2.7	0.9
1113	7/9/2014 4:31:03	19.90	52.52	34.66	6.69	7.93	4.1	1.204	90.1	3.0	2.1	0.7
1114	7/9/2014 4:46:03	20.04	52.55	34.69	6.93	7.95	3.7	1.249	93.6	2.6	1.8	0.6
1115	7/9/2014 5:01:03	19.99	52.54	34.68	6.94	7.95	4.1	1.325	93.6	3.5	2.5	0.8
1116	7/9/2014 5:16:03	19.98	52.52	34.66	6.99	7.95	4.3	1.395	94.3	3.4	2.4	0.8
1117	7/9/2014 5:31:03	19.89	52.51	34.66	6.90	7.94	4.5	1.464	93.0	3.5	2.5	0.8
1118	7/9/2014 5:46:03	19.82	52.48	34.63	6.82	7.93	5.0	1.543	91.7	3.7	2.6	0.9
1119	7/9/2014 6:01:03	19.95	52.51	34.66	6.61	7.91	7.0	1.621	89.1	5.7	4.0	1.3
1120	7/9/2014 6:16:03	19.87	52.49	34.64	6.64	7.91	6.6	1.715	89.3	5.2	3.6	1.2
1121	7/9/2014 6:31:03	19.67	52.45	34.62	6.67	7.91	6.3	1.781	89.4	4.9	3.4	1.2
1122	7/9/2014 6:46:03	19.53	52.42	34.59	6.66	7.91	5.8	1.851	89.0	4.3	3.0	1.0
1123	7/9/2014 7:01:03	19.47	52.41	34.58	6.64	7.91	6.5	1.949	88.7	4.2	2.9	1.0
1124	7/9/2014 7:16:03	19.11	52.33	34.52	6.49	7.88	6.5	2.024	86.1	4.0	2.8	1.0
1125	7/9/2014 7:31:03	18.88	52.29	34.50	6.38	7.87	6.1	2.110	84.2	3.5	2.5	0.8
1126	7/9/2014 7:46:03	18.66	52.27	34.48	6.28	7.85	6.8	2.192	82.6	3.7	2.6	0.9
1127	7/9/2014 8:01:03	18.49	52.24	34.46	6.23	7.85	6.6	2.263	81.7	4.0	2.8	0.9
1128	7/9/2014 8:16:03	18.24	52.19	34.42	6.22	7.84	6.5	2.343	81.1	4.0	2.8	0.9
1129	7/9/2014 8:31:03	18.03	52.15	34.39	6.22	7.84	6.8	2.424	80.8	3.4	2.4	0.8
1130	7/9/2014 8:46:03	17.87	52.13	34.37	6.24	7.84	7.2	2.495	80.7	3.7	2.6	0.9
1131	7/9/2014 9:01:03	17.75	52.09	34.34	6.22	7.84	7.0	2.562	80.4	4.4	3.1	1.0
1132	7/9/2014 9:16:03	17.62	52.06	34.32	6.24	7.84	7.1	2.635	80.4	3.9	2.7	0.9
1133	7/9/2014 9:31:03	17.22	52.03	34.29	6.36	7.85	7.0	2.696	81.3	3.7	2.6	0.9
1134	7/9/2014 9:46:03	16.97	52.00	34.27	6.45	7.86	6.8	2.752	82.0	3.7	2.6	0.9
1135	7/9/2014 10:01:03	16.77	51.97	34.24	6.49	7.86	7.2	2.810	82.2	3.7	2.6	0.9
1136	7/9/2014 10:16:04	16.53	51.96	34.23	6.56	7.86	6.1	2.859	82.7	4.1	2.9	1.0
1137	7/9/2014 10:31:03	16.20	51.93	34.20	6.66	7.87	5.5	2.900	83.4	4.1	2.9	1.0
1138	7/9/2014 10:46:04	15.99	51.92	34.20	6.69	7.88	4.1	2.927	83.5	3.9	2.7	0.9
1139	7/9/2014 11:01:04	15.99	51.91	34.18	6.26	7.85	3.6	2.938	78.1	3.3	2.3	0.8
1140	7/9/2014 11:16:04	16.06	51.96	34.22	6.46	7.87	3.4	2.960	80.7	4.1	2.9	1.0
1141	7/9/2014 11:31:03	15.98	51.93	34.20	6.48	7.87	5.1	2.928	80.8	2.8	2.0	0.7
1142	7/9/2014 11:46:03	16.02	51.93	34.20	6.55	7.88	7.6	2.898	81.7	2.9	2.0	0.7
1143	7/9/2014 12:01:03	16.45	51.94	34.22	6.45	7.87	4.2	2.869	81.2	3.0	2.1	0.7
1144	7/9/2014 12:16:03	17.41	51.94	34.23	6.86	7.90	14.1	2.803	88.0	4.3	3.0	1.0
1145	7/9/2014 12:31:03	17.70	51.94	34.23	7.16	7.92	6.5	2.735	92.3	3.0	2.1	0.7
1146	7/9/2014 12:46:03	18.16	52.11	34.36	7.52	7.94	6.8	2.675	97.9	3.2	2.2	0.8
1147	7/9/2014 13:01:03	18.46	52.25	34.46	7.80	7.96	6.7	2.613	102.2	3.3	2.3	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
1148	7/9/2014 13:16:03	18.53	52.18	34.41	7.55	7.93	6.7	2.539	99.0	3.5	2.5	0.8
1149	7/9/2014 13:31:03	18.94	52.22	34.44	7.85	7.97	7.1	2.480	103.7	3.3	2.3	0.8
1150	7/9/2014 13:46:03	19.22	52.28	34.49	7.91	7.98	6.1	2.416	105.1	4.2	2.9	1.0
1151	7/9/2014 14:01:03	19.19	52.29	34.49	7.85	7.97	5.9	2.375	104.2	2.6	1.8	0.6
1152	7/9/2014 14:16:03	19.24	52.31	34.51	7.45	7.94	5.5	2.320	99.1	2.8	2.0	0.7
1153	7/9/2014 14:31:03	19.27	52.30	34.51	7.65	7.95	5.3	2.274	101.7	3.3	2.3	0.8
1154	7/9/2014 14:46:03	19.26	52.28	34.49	7.43	7.94	5.2	2.243	98.7	3.9	2.7	0.9
1155	7/9/2014 15:01:03	19.38	52.29	34.49	7.53	7.96	4.6	2.225	100.4	3.6	2.5	0.9
1156	7/9/2014 15:16:03	19.52	52.29	34.49	7.33	7.95	5.7	2.185	97.9	3.2	2.2	0.8
1157	7/9/2014 15:31:03	19.51	52.28	34.49	7.77	7.97	7.8	2.180	103.8	4.2	2.9	1.0
1158	7/9/2014 15:46:03	19.44	52.29	34.49	7.79	7.96	7.6	2.179	103.9	13.6	9.5	3.2
1159	7/9/2014 16:01:03	19.44	52.29	34.49	7.67	7.95	6.4	2.176	102.3	4.5	3.2	1.1
1160	7/9/2014 16:16:03	19.44	52.29	34.49	7.58	7.94	5.5	2.221	101.1	5.1	3.6	1.2
1161	7/9/2014 16:31:03	19.39	52.26	34.47	7.56	7.94	7.2	2.238	100.7	5.1	3.6	1.2
1162	7/9/2014 16:46:03	19.32	52.25	34.47	7.46	7.93	5.9	2.277	99.3	5.2	3.6	1.2
1163	7/9/2014 17:01:03	19.26	52.23	34.46	7.45	7.94	7.0	2.340	99.1	5.0	3.5	1.2
1164	7/9/2014 17:16:03	19.07	52.21	34.43	7.36	7.92	6.8	2.395	97.5	5.0	3.5	1.2
1165	7/9/2014 17:31:03	18.93	52.19	34.42	7.33	7.92	7.0	2.467	96.8	4.7	3.3	1.1
1166	7/9/2014 17:46:03	18.70	52.16	34.40	7.25	7.91	7.1	2.527	95.4	5.0	3.5	1.2
1167	7/9/2014 18:01:03	18.20	52.09	34.35	7.09	7.90	7.6	2.596	92.4	4.3	3.0	1.0
1168	7/9/2014 18:16:03	17.79	52.03	34.30	7.11	7.90	7.3	2.679	91.9	5.3	3.7	1.3
1169	7/9/2014 18:31:03	17.42	52.00	34.27	7.07	7.89	7.6	2.759	90.7	4.6	3.2	1.1
1170	7/9/2014 18:46:04	17.09	51.98	34.25	7.02	7.89	8.4	2.838	89.5	5.0	3.5	1.2
1171	7/9/2014 19:01:04	16.72	51.94	34.22	7.09	7.90	8.2	2.925	89.7	5.0	3.5	1.2
1172	7/9/2014 19:16:04	16.11	51.88	34.17	7.12	7.91	9.0	3.019	89.0	4.2	2.9	1.0
1173	7/9/2014 19:31:04	15.59	51.84	34.13	7.26	7.92	9.9	3.102	89.7	4.2	2.9	1.0
1174	7/9/2014 19:46:03	14.90	51.76	34.05	7.57	7.95	9.4	3.195	92.4	5.5	3.9	1.3
1175	7/9/2014 20:01:03	14.43	51.76	34.04	7.85	7.96	13.4	3.282	94.8	6.5	4.6	1.5
1176	7/9/2014 20:16:03	14.06	51.76	34.02	7.95	7.97	9.4	3.364	95.3	6.0	4.2	1.4
1177	7/9/2014 20:31:03	13.70	51.73	33.99	8.03	7.98	9.0	3.450	95.5	9.9	6.9	2.3
1178	7/9/2014 20:46:04	13.47	51.74	33.99	8.12	7.99	8.4	3.508	96.2	10.6	7.4	2.5
1179	7/9/2014 21:01:03	13.33	51.72	33.97	8.22	8.00	7.3	3.586	97.0	10.8	7.6	2.6
1180	7/9/2014 21:16:04	13.24	51.72	33.96	8.32	8.01	5.4	3.651	98.0	10.9	7.6	2.6
1181	7/9/2014 21:31:03	13.16	51.74	33.98	8.32	8.01	4.7	3.677	98.0	12.2	8.5	2.9
1182	7/9/2014 21:46:03	13.12	51.75	33.98	8.37	8.02	4.4	3.721	98.4	8.2	5.7	1.9
1183	7/9/2014 22:01:04	13.13	51.61	33.88	8.22	8.01	3.1	3.749	96.6	8.0	5.6	1.9
1184	7/9/2014 22:16:04	13.59	51.78	34.02	7.86	7.98	4.7	3.742	93.3	6.9	4.8	1.6
1185	7/9/2014 22:31:04	13.32	51.77	34.00	8.03	8.00	4.2	3.721	94.8	7.1	5.0	1.7
1186	7/9/2014 22:46:04	13.25	51.75	33.99	8.03	8.00	4.3	3.689	94.7	6.1	4.3	1.4
1187	7/9/2014 23:01:04	13.74	51.80	34.04	7.80	7.98	4.7	3.626	93.0	4.5	3.2	1.1
1188	7/9/2014 23:16:04	13.94	51.79	34.05	7.51	7.95	6.5	3.551	89.9	5.9	4.1	1.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
1189	7/9/2014 23:31:03	14.29	51.73	34.01	7.42	7.94	5.2	3.460	89.4	6.1	4.3	1.4
1190	7/9/2014 23:46:04	14.66	51.91	34.16	7.63	7.97	5.4	3.355	92.6	5.3	3.7	1.2
1191	7/10/2014 0:01:04	15.42	51.94	34.20	7.49	7.96	8.1	3.252	92.4	5.8	4.1	1.4
1192	7/10/2014 0:16:04	15.19	51.90	34.16	7.56	7.96	32.7	3.136	92.7	5.5	3.9	1.3
1193	7/10/2014 0:31:04	15.32	51.91	34.17	7.50	7.95	7.2	3.013	92.3	5.3	3.7	1.2
1194	7/10/2014 0:46:03	15.65	51.92	34.19	7.35	7.94	6.5	2.903	91.0	5.9	4.1	1.4
1195	7/10/2014 1:01:03	16.23	51.93	34.21	7.08	7.92	7.6	2.768	88.8	14.8	10.4	3.5
1196	7/10/2014 1:16:03	16.87	52.05	34.30	6.73	7.88	8.3	2.642	85.4	13.6	9.5	3.2
1197	7/10/2014 1:31:03	16.87	52.04	34.30	6.74	7.88	8.9	2.515	85.6	6.9	4.8	1.6
1198	7/10/2014 1:46:03	16.80	51.97	34.25	6.60	7.88	8.0	2.383	83.7	4.6	3.2	1.1
1199	7/10/2014 2:01:03	17.14	52.11	34.35	6.76	7.90	7.5	2.244	86.3	4.3	3.0	1.0
1200	7/10/2014 2:16:03	17.19	52.13	34.36	6.96	7.91	8.8	2.118	88.9	4.3	3.0	1.0
1201	7/10/2014 2:31:03	17.35	52.15	34.38	6.93	7.92	8.7	1.984	88.8	6.8	4.8	1.6
1202	7/10/2014 2:46:03	17.49	52.21	34.43	6.87	7.92	8.8	1.831	88.4	5.5	3.9	1.3
1203	7/10/2014 3:01:03	17.80	52.20	34.42	6.85	7.92	10.2	1.712	88.6	4.8	3.4	1.1
1204	7/10/2014 3:16:03	18.05	52.26	34.47	6.73	7.91	9.4	1.571	87.4	9.0	6.3	2.1
1205	7/10/2014 3:31:03	18.24	52.34	34.53	6.72	7.91	9.4	1.435	87.6	4.9	3.4	1.2
1206	7/10/2014 3:46:03	18.57	52.35	34.54	6.69	7.91	8.4	1.331	87.8	9.5	6.7	2.3
1207	7/10/2014 4:01:03	19.01	52.43	34.60	6.77	7.93	7.9	1.224	89.7	4.0	2.8	0.9
1208	7/10/2014 4:16:03	19.13	52.45	34.61	6.78	7.93	7.8	1.117	90.0	11.6	8.1	2.8
1209	7/10/2014 4:31:03	19.27	52.47	34.63	6.84	7.94	8.1	1.065	91.1	19.8	13.9	4.7
1210	7/10/2014 4:46:03	19.33	52.48	34.64	6.79	7.94	6.8	1.039	90.4	21.0	14.7	5.0
1211	7/10/2014 5:01:03	19.44	52.66	34.77	6.81	7.96	13.3	1.042	91.0	3.8	2.7	0.9
1212	7/10/2014 5:16:03	19.41	52.53	34.68	6.87	7.96	5.9	1.062	91.7	9.6	6.7	2.3
1213	7/10/2014 5:31:03	19.88	52.65	34.76	7.25	8.01	4.9	1.119	97.6	4.9	3.4	1.2
1214	7/10/2014 5:46:03	19.84	52.63	34.74	7.28	8.01	6.5	1.185	98.0	4.3	3.0	1.0
1215	7/10/2014 6:01:03	19.79	52.60	34.73	7.32	8.01	12.8	1.266	98.5	6.3	4.4	1.5
1216	7/10/2014 6:16:03	19.68	52.57	34.70	7.26	8.00	6.4	1.347	97.3	6.3	4.4	1.5
1217	7/10/2014 6:31:03	19.65	52.50	34.65	7.02	7.97	8.0	1.423	94.1	8.2	5.7	2.0
1218	7/10/2014 6:46:03	19.57	52.47	34.63	7.02	7.97	11.1	1.521	94.0	3.8	2.7	0.9
1219	7/10/2014 7:01:03	19.47	52.45	34.62	7.01	7.97	7.5	1.599	93.7	4.6	3.2	1.1
1220	7/10/2014 7:16:03	19.31	52.42	34.59	7.05	7.97	7.0	1.673	93.9	4.3	3.0	1.0
1221	7/10/2014 7:31:03	19.25	52.40	34.58	7.02	7.97	9.7	1.779	93.4	4.2	2.9	1.0
1222	7/10/2014 7:46:03	19.18	52.41	34.59	7.03	7.97	7.7	1.867	93.4	3.5	2.5	0.8
1223	7/10/2014 8:01:03	19.11	52.39	34.57	6.98	7.96	8.1	1.958	92.5	4.0	2.8	0.9
1224	7/10/2014 8:16:03	18.75	52.32	34.52	6.82	7.92	7.2	2.053	89.8	3.9	2.7	0.9
1225	7/10/2014 8:31:03	18.57	52.22	34.44	6.69	7.90	7.6	2.154	87.8	3.8	2.7	0.9
1226	7/10/2014 8:46:03	18.40	52.26	34.47	6.61	7.89		2.249	86.5	3.9	2.7	0.9
1227	7/10/2014 9:01:03	18.09	52.20	34.43	6.59	7.88	9.1	2.340	85.6	3.9	2.7	0.9
1228	7/10/2014 9:16:03	17.90	52.15	34.39	6.61	7.88	9.2	2.427	85.6	4.5	3.2	1.1
1229	7/10/2014 9:31:03	17.72	52.13	34.37	6.61	7.87	8.9	2.514	85.3	3.6	2.5	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
1230	7/10/2014 9:46:03	17.47	52.06	34.32	6.63	7.87	10.0	2.598	85.1	3.9	2.7	0.9
1231	7/10/2014 10:01:03	17.04	52.00	34.27	6.73	7.88	11.5	2.677	85.6	3.8	2.7	0.9
1232	7/10/2014 10:16:04	16.68	51.96	34.24	6.81	7.88	10.3	2.755	86.0	4.5	3.2	1.1
1233	7/10/2014 10:31:04	16.29	51.93	34.20	6.88	7.89	9.4	2.824	86.4	5.1	3.6	1.2
1234	7/10/2014 10:46:03	15.67	51.85	34.13	7.11	7.91	9.6	2.896	88.0	6.4	4.5	1.5
1235	7/10/2014 11:01:04	15.36	51.83	34.11	7.24	7.92	19.5	2.958	89.1	4.9	3.4	1.2
1236	7/10/2014 11:16:04	15.08	51.79	34.07	7.28	7.93	28.3	3.013	89.2	5.1	3.6	1.2
1237	7/10/2014 11:31:04	14.93	51.73	34.03	7.36	7.94	12.5	3.064	89.8	5.7	4.0	1.3
1238	7/10/2014 11:46:04	14.80	51.78	34.06	7.35	7.94	7.8	3.102	89.4	7.8	5.5	1.8
1239	7/10/2014 12:01:04	15.57	51.60	33.95	7.14	7.93	7.3	3.100	88.2	7.3	5.1	1.7
1240	7/10/2014 12:16:03	15.06	51.78	34.07	7.11	7.92	9.3	3.094	87.0	7.7	5.4	1.8
1241	7/10/2014 12:31:03	15.02	51.79	34.08	7.21	7.93	9.1	3.077	88.1	3.5	2.5	0.8
1242	7/10/2014 12:46:04	14.95	51.79	34.08	7.23	7.93	6.7	3.032	88.3	4.1	2.9	1.0
1243	7/10/2014 13:01:04	15.47	51.85	34.13	7.16	7.93	7.4	2.952	88.4	3.7	2.6	0.9
1244	7/10/2014 13:16:03	16.02	51.94	34.21	7.38	7.94		2.887	92.1	3.8	2.7	0.9
1245	7/10/2014 13:31:04	16.47	51.95	34.22	7.40	7.94		2.820	93.2	3.6	2.5	0.9
1246	7/10/2014 13:46:04	16.28	51.96	34.23	7.68	7.96		2.744	96.4	10.8	7.6	2.6
1247	7/10/2014 14:01:03	16.45	51.93	34.21	7.59	7.95	5.8	2.663	95.5	3.5	2.5	0.8
1248	7/10/2014 14:16:03	17.07	52.04	34.30	7.35	7.93	6.4	2.582	93.6	3.5	2.5	0.8
1249	7/10/2014 14:31:03	17.55	52.09	34.34	7.30	7.93	6.3	2.527	93.8	3.6	2.5	0.9
1250	7/10/2014 14:46:03	17.75	52.22	34.44	7.31	7.93	8.3	2.473	94.4	4.1	2.9	1.0
1251	7/10/2014 15:01:03	18.04	52.15	34.39	7.47	7.94	6.8	2.405	97.0	4.2	2.9	1.0
1252	7/10/2014 15:16:03	18.24	52.26	34.47	7.25	7.93	6.5	2.348	94.5	3.9	2.7	0.9
1253	7/10/2014 15:31:03	18.34	52.18	34.41	7.23	7.93	6.2	2.312	94.5	4.2	2.9	1.0
1254	7/10/2014 15:46:03	18.20	52.25	34.47	7.71	7.96	6.0	2.255	100.4	3.4	2.4	0.8
1255	7/10/2014 16:01:03	18.34	52.27	34.48	7.50	7.95	5.3	2.215	98.0	4.0	2.8	1.0
1256	7/10/2014 16:16:03	18.40	52.26	34.47	7.47	7.95	5.1	2.198	97.7	4.5	3.2	1.1
1257	7/10/2014 16:31:03	18.57	52.28	34.48	7.40	7.95	4.2	2.183	97.2	3.9	2.7	0.9
1258	7/10/2014 16:46:03	18.50	52.24	34.46	7.59	7.96	5.0	2.180	99.5	4.3	3.0	1.0
1259	7/10/2014 17:01:03	18.60	52.30	34.50	7.53	7.96	5.1	2.193	98.9	4.9	3.4	1.2
1260	7/10/2014 17:16:03	18.57	52.29	34.49	7.47	7.95	4.8	2.220	98.1	5.4	3.8	1.3
1261	7/10/2014 17:31:03	18.61	52.29	34.49	7.35	7.94	6.1	2.254	96.5	4.1	2.9	1.0
1262	7/10/2014 17:46:03	18.55	52.25	34.46	7.32	7.94	5.4	2.304	96.0	5.7	4.0	1.3
1263	7/10/2014 18:01:03	18.40	52.25	34.46	7.20	7.92	6.3	2.366	94.2	4.9	3.4	1.2
1264	7/10/2014 18:16:03	18.27	52.21	34.43	7.23	7.92	8.0	2.430	94.3	5.0	3.5	1.2
1265	7/10/2014 18:31:03	18.01	52.16	34.40	7.31	7.93	7.5	2.504	94.8	5.8	4.1	1.4
1266	7/10/2014 18:46:03	17.72	52.14	34.38	7.29	7.92	7.0	2.590	94.1	4.8	3.4	1.1
1267	7/10/2014 19:01:03	17.24	52.04	34.30	7.31	7.92	7.9	2.665	93.5	4.5	3.2	1.1
1268	7/10/2014 19:16:03	16.67	51.98	34.25	7.34	7.93	9.5	2.752	92.8	4.9	3.4	1.2
1269	7/10/2014 19:31:04	16.29	51.95	34.22	7.36	7.93	7.3	2.843	92.3	4.8	3.4	1.1
1270	7/10/2014 19:46:04	16.04	51.92	34.20	7.44	7.94	8.1	2.932	92.9	4.7	3.3	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
1271	7/10/2014 20:01:04	15.53	51.86	34.14	7.71	7.97	8.8	3.030	95.2	5.0	3.5	1.2
1272	7/10/2014 20:16:04	14.94	51.80	34.08	8.01	7.99	11.1	3.124	97.7	6.2	4.3	1.5
1273	7/10/2014 20:31:04	14.50	51.76	34.04	8.31	8.02	10.8	3.227	100.6	7.6	5.3	1.8
1274	7/10/2014 20:46:03	14.01	51.70	33.98	8.97	8.07	12.6	3.326	107.4	12.5	8.8	3.0
1275	7/10/2014 21:01:04	13.75	51.68	33.95	9.35	8.10	11.4	3.419	111.4	13.6	9.5	3.2
1276	7/10/2014 21:16:03	13.45	51.64	33.91	9.91	8.15	13.1	3.507	117.2	17.0	11.9	4.0
1277	7/10/2014 21:31:03	13.24	51.63	33.90	10.34	8.18	11.4	3.596	121.8	17.3	12.1	4.1
1278	7/10/2014 21:46:03	13.01	51.59	33.86	10.74	8.20	10.2	3.677	125.9	18.4	12.9	4.4
1279	7/10/2014 22:01:03	12.85	51.60	33.86	11.00	8.22	8.7	3.741	128.5	19.2	13.4	4.6
1280	7/10/2014 22:16:04	12.87	51.55	33.82	11.03	8.22	7.9	3.805	128.9	25.3	17.7	6.0
1281	7/10/2014 22:31:04	12.77	51.61	33.86	11.09	8.23	6.3	3.851	129.3	16.9	11.8	4.0
1282	7/10/2014 22:46:04	12.78	51.59	33.85	11.04	8.22	4.3	3.879	128.8	22.1	15.5	5.3
1283	7/10/2014 23:01:04	12.88	51.63	33.89	10.53	8.19	3.4	3.894	123.1	15.6	10.9	3.7
1284	7/10/2014 23:16:04	13.05	51.65	33.90	10.54	8.20	4.7	3.891	123.7	20.1	14.1	4.8
1285	7/10/2014 23:31:04	13.16	51.67	33.93	10.39	8.19	6.5	3.852	122.3	13.9	9.7	3.3
1286	7/10/2014 23:46:04	13.20	51.65	33.91	10.07	8.17	5.4	3.794	118.6	11.4	8.0	2.7
1287	7/11/2014 0:01:04	13.30	51.69	33.95	9.88	8.16	7.1	3.715	116.5	13.9	9.7	3.3
1288	7/11/2014 0:16:04	13.32	51.71	33.96	9.46	8.13	7.2	3.625	111.7	12.5	8.8	3.0
1289	7/11/2014 0:31:04	13.94	51.69	33.97	9.56	8.11	8.1	3.505	114.3	11.7	8.2	2.8
1290	7/11/2014 0:46:04	15.00	51.84	34.11	8.67	8.07	9.0	3.387	106.0	9.1	6.4	2.2
1291	7/11/2014 1:01:04	14.79	51.82	34.09	8.84	8.08	10.0	3.269	107.6	8.7	6.1	2.1
1292	7/11/2014 1:16:04	14.70	51.80	34.08	8.71	8.06	11.1	3.148	105.8	8.4	5.9	2.0
1293	7/11/2014 1:31:04	14.78	51.82	34.09	8.65	8.06	9.1	3.008	105.3	8.3	5.8	2.0
1294	7/11/2014 1:46:04	15.18	51.83	34.11	8.24	8.02	8.8	2.869	101.1	8.5	6.0	2.0
1295	7/11/2014 2:01:04	15.82	51.95	34.21	7.50	7.97	8.6	2.735	93.2	5.2	3.6	1.2
1296	7/11/2014 2:16:03	16.24	52.00	34.25	7.24	7.95	9.2	2.594	90.8	6.7	4.7	1.6
1297	7/11/2014 2:31:03	15.52	51.80	34.10	7.44	7.96	9.2	2.439	91.9	4.9	3.4	1.2
1298	7/11/2014 2:46:03	16.05	51.96	34.22	7.36	7.95	8.6	2.301	91.9	4.7	3.3	1.1
1299	7/11/2014 3:01:04	16.11	52.03	34.27	7.33	7.95	9.4	2.150	91.7	4.7	3.3	1.1
1300	7/11/2014 3:16:04	16.52	52.11	34.34	7.20	7.94	9.7	1.992	90.8	4.4	3.1	1.0
1301	7/11/2014 3:31:03	17.12	52.19	34.41	6.94	7.93	11.0	1.839	88.5	3.9	2.7	0.9
1302	7/11/2014 3:46:03	17.24	52.22	34.43	6.82	7.91	9.8	1.685	87.2	3.6	2.5	0.9
1303	7/11/2014 4:01:03	17.28	52.21	34.42	6.69	7.90	9.5	1.543	85.7	4.1	2.9	1.0
1304	7/11/2014 4:16:03	17.56	52.25	34.45	6.55	7.89	9.7	1.403	84.3	3.7	2.6	0.9
1305	7/11/2014 4:31:03	17.80	52.26	34.46	6.51	7.89	8.7	1.256	84.2	3.8	2.7	0.9
1306	7/11/2014 4:46:03	17.93	52.27	34.48	6.48	7.89	7.9	1.124	84.0	4.4	3.1	1.1
1307	7/11/2014 5:01:03	18.14	52.37	34.55	6.39	7.88	7.6	1.015	83.2	4.5	3.2	1.1
1308	7/11/2014 5:16:03	18.19	52.37	34.55	6.33	7.88	6.7	0.938	82.6	4.5	3.2	1.1
1309	7/11/2014 5:31:03	18.20	52.39	34.57	6.29	7.88	5.8	0.891	82.0	3.5	2.5	0.8
1310	7/11/2014 5:46:03	18.15	52.35	34.54	6.20	7.87	6.8	0.891	80.8	3.7	2.6	0.9
1311	7/11/2014 6:01:03	18.21	52.35	34.54	6.31	7.88	6.5	0.904	82.3	4.2	2.9	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.70)	Fluorescence %FS
1312	7/11/2014 6:16:03	18.25	52.40	34.58	6.37	7.89	6.3	1.004	83.2	3.3	2.3	0.8
1313	7/11/2014 6:31:03	18.59	52.50	34.65	6.48	7.91	5.9	1.084	85.2	2.7	1.9	0.6
1314	7/11/2014 6:46:03	18.77	52.57	34.70	6.62	7.93	5.7	1.160	87.4	3.4	2.4	0.8
1315	7/11/2014 7:01:03	18.80	52.58	34.71	6.72	7.94	5.3	1.255	88.7	3.1	2.2	0.7
1316	7/11/2014 7:16:03	18.85	52.58	34.71	6.78	7.94	5.6	1.348	89.5	3.4	2.4	0.8
1317	7/11/2014 7:31:03	18.88	52.55	34.69	6.67	7.93	7.6	1.437	88.2	4.4	3.1	1.1
1318	7/11/2014 7:46:03	18.64	52.50	34.65	6.78	7.94	6.2	1.531	89.2	3.2	2.2	0.8
1319	7/11/2014 8:01:03	18.52	52.44	34.60	6.71	7.92	6.7	1.614	88.1	3.3	2.3	0.8
1320	7/11/2014 8:16:03	18.51	52.43	34.60	6.72	7.93	7.5	1.724	88.2	3.8	2.7	0.9
1321	7/11/2014 8:31:03	18.40	52.40	34.57	6.78	7.93	7.1	1.816	88.7	4.5	3.2	1.1
1322	7/11/2014 8:46:03	18.36	52.38	34.56	6.75	7.93	7.2	1.916	88.3	3.6	2.5	0.9
1323	7/11/2014 9:01:03	18.11	52.31	34.51	6.70	7.91	7.8	2.030	87.2	4.1	2.9	1.0
1324	7/11/2014 9:16:03	17.99	52.29	34.49	6.62	7.90	8.0	2.135	85.9	4.0	2.8	0.9
1325	7/11/2014 9:31:03	17.73	52.20	34.42	6.60	7.89	9.2	2.243	85.3	3.9	2.7	0.9
1326	7/11/2014 9:46:03	17.36	52.14	34.38	6.71	7.90	10.1	2.348	86.0	4.1	2.9	1.0
1327	7/11/2014 10:01:04	17.22	52.12	34.36	6.74	7.90	10.9	2.441	86.2	3.9	2.7	0.9
1328	7/11/2014 10:16:03	17.07	52.04	34.29	6.75	7.90	11.8	2.546	86.1	4.4	3.1	1.0
1329	7/11/2014 10:31:03	16.79	52.00	34.27	6.91	7.91	13.8	2.639	87.6	4.8	3.4	1.1
1330	7/11/2014 10:46:03	16.32	51.91	34.19	7.19	7.93	15.7	2.724	90.3	7.0	4.9	1.7
1331	7/11/2014 11:01:03	15.68	51.84	34.13	7.65	7.97	14.7	2.820	94.8	6.6	4.6	1.6
1332	7/11/2014 11:16:03	15.23	51.75	34.05	8.03	8.00	22.9	2.900	98.6	8.0	5.6	1.9
1333	7/11/2014 11:31:04	14.95	51.71	34.02	8.22	8.02	17.0	2.985	100.3	8.7	6.1	2.1
1334	7/11/2014 11:46:04	14.76	51.67	33.98	8.37	8.04	13.7	3.064	101.7	9.6	6.7	2.3
1335	7/11/2014 12:01:03	14.61	51.63	33.95	8.45	8.04	15.9	3.126	102.4	7.9	5.5	1.9
1336	7/11/2014 12:16:04	14.24	51.59	33.90	8.50	8.04		3.181	102.2	7.3	5.1	1.7
	Mean	17.40	52.06	34.31	7.11	7.94	8.3	2.426	90.9	4.7	3.3	1.1
	Minimum	12.77	51.29	33.72	4.91	7.72	2.1	0.887	63.1	2.1	1.5	0.5
	Maximum	20.46	52.66	34.77	11.91	8.32	91.9	3.894	139.8	27.5	19.3	6.5

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

Chlorophyll/Fluorescence displayed as *in vivo* (non-extractive) readings from YSI 6025 chlorophyll probe

Chlorophyll corrected with ratio derived from extractive analysis; Sample collected at 14:15; value = 6.12

Flagged data due to suspect values (i.e., equipment malfunction, interference, etc.)

Data listed as outlier and discarded due to field issues (i.e., equipment malfunction, interference, etc.)

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
0	7/11/2014 13:01:11	14.24	51.56	33.88	8.38	8.06	8.3	3.229	100.8	6.3	2.6	1.5
1	7/11/2014 13:16:11	14.33	51.39	33.76	8.36	8.07	8.3	3.192	100.7	6.6	2.8	1.6
2	7/11/2014 13:31:11	14.30	51.42	33.78	8.38	8.08	10.0	3.154	100.8	7.5	3.2	1.8
3	7/11/2014 13:46:11	14.78	51.42	33.80	8.38	8.08	9.8	3.082	101.8	6.2	2.6	1.5
4	7/11/2014 14:01:11	15.31	51.42	33.81	8.63	8.10	11.4	2.995	106.0	6.1	2.6	1.4
5	7/11/2014 14:16:11	15.60	51.49	33.87	8.76	8.11	9.4	2.908	108.2	6.0	2.5	1.4
6	7/11/2014 14:31:11	16.10	51.57	33.94	8.38	8.08	11.2	2.823	104.5	7.0	2.9	1.6
7	7/11/2014 14:46:11	16.51	51.59	33.96	8.07	8.06	11.1	2.739	101.5	6.2	2.6	1.5
8	7/11/2014 15:01:11	16.92	51.75	34.08	7.92	8.04	10.1	2.646	100.5	5.6	2.4	1.3
9	7/11/2014 15:16:11	17.35	51.78	34.11	7.78	8.03	9.5	2.561	99.6	4.4	1.8	1.0
10	7/11/2014 15:31:11	17.76	51.96	34.25	7.58	8.01	10.5	2.499	97.8	4.3	1.8	1.0
11	7/11/2014 15:46:11	18.05	52.02	34.29	7.60	8.01	9.3	2.416	98.7	3.8	1.6	0.9
12	7/11/2014 16:01:11	18.01	52.06	34.32	7.66	8.02	8.3	2.356	99.4	3.3	1.4	0.8
13	7/11/2014 16:16:11	18.08	52.06	34.32	7.73	8.02	6.5	2.293	100.4	3.5	1.5	0.8
14	7/11/2014 16:31:11	18.16	52.08	34.34	7.83	8.03	6.8	2.236	101.8	3.8	1.6	0.9
15	7/11/2014 16:46:10	18.29	52.00	34.28	7.91	8.03	6.2	2.195	103.1	3.5	1.5	0.8
16	7/11/2014 17:01:10	18.40	52.15	34.39	7.99	8.04	5.1	2.154	104.5	3.5	1.5	0.8
17	7/11/2014 17:16:10	18.57	52.13	34.38	7.99	8.04	5.0	2.123	104.9	3.5	1.5	0.8
18	7/11/2014 17:31:11	18.44	52.17	34.40	8.04	8.05	4.0	2.110	105.3	2.7	1.1	0.6
19	7/11/2014 17:46:11	18.03	52.10	34.35	8.73	8.09	7.0	2.129	113.4	4.5	1.9	1.1
20	7/11/2014 18:01:11	18.61	52.24	34.46	8.25	8.06	5.2	2.153	108.3	4.2	1.8	1.0
21	7/11/2014 18:16:11	18.51	52.33	34.53	8.14	8.05	5.7	2.179	106.8	4.1	1.7	1.0
22	7/11/2014 18:31:11	18.59	52.28	34.49	8.02	8.04	6.1	2.239	105.3	4.2	1.8	1.0
23	7/11/2014 18:46:11	18.43	52.36	34.55	7.88	8.03	7.0	2.315	103.2	4.4	1.8	1.0
24	7/11/2014 19:01:11	18.58	52.29	34.50	7.80	8.02	11.9	2.388	102.4	4.9	2.1	1.1
25	7/11/2014 19:16:11	18.08	52.19	34.42	7.86	8.02	11.4	2.464	102.2	5.0	2.1	1.2
26	7/11/2014 19:31:11	17.75	52.17	34.40	7.90	8.03	8.7	2.548	102.1	5.1	2.1	1.2
27	7/11/2014 19:46:11	17.23	52.11	34.35	7.96	8.03	10.3	2.640	101.8	5.5	2.3	1.3
28	7/11/2014 20:01:11	16.66	51.78	34.10	8.00	8.03	12.8	2.726	101.0	6.1	2.6	1.4
29	7/11/2014 20:16:11	16.32	51.96	34.23	7.99	8.04	11.6	2.814	100.3	6.2	2.6	1.5
30	7/11/2014 20:31:11	15.86	51.95	34.21	8.05	8.04	11.1	2.912	100.2	5.5	2.3	1.3
31	7/11/2014 20:46:11	15.55	51.87	34.15	8.13	8.05	12.5	3.010	100.5	6.1	2.6	1.4
32	7/11/2014 21:01:11	15.01	51.70	34.01	8.24	8.06	13.2	3.114	100.6	7.0	2.9	1.6
33	7/11/2014 21:16:11	14.70	51.66	33.97	8.34	8.07	11.4	3.219	101.3	6.7	2.8	1.6
34	7/11/2014 21:31:11	14.10	51.40	33.76	8.56	8.08	13.0	3.322	102.6	7.8	3.3	1.8
35	7/11/2014 21:46:11	13.81	51.68	33.96	8.61	8.08	15.0	3.428	102.6	8.7	3.7	2.0
36	7/11/2014 22:01:11	13.27	51.49	33.80	8.79	8.09	15.8	3.524	103.6	9.4	3.9	2.2
37	7/11/2014 22:16:11	13.01	51.50	33.79	8.81	8.09	13.6	3.616	103.3	11.4	4.8	2.7
38	7/11/2014 22:31:12	12.68	51.35	33.67	8.85	8.09	11.1	3.712	103.0	10.6	4.5	2.5
39	7/11/2014 22:46:11	12.52	51.31	33.64	8.83	8.09	9.3	3.780	102.4	11.8	5.0	2.8
40	7/11/2014 23:01:11	12.44	51.38	33.68	8.81	8.09	6.9	3.849	101.9	9.8	4.1	2.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
41	7/11/2014 23:16:11	12.36	51.26	33.59	8.78	8.09	6.1	3.913	101.4	9.2	3.9	2.2
42	7/11/2014 23:31:11	12.34	51.26	33.59	8.73	8.08	2.9	3.938	100.8	8.2	3.4	1.9
43	7/11/2014 23:46:11	12.50	51.24	33.59	8.52	8.07	3.6	3.974	98.7	6.2	2.6	1.5
44	7/12/2014 0:01:11	13.34	51.64	33.91	8.25	8.07	6.2	3.970	97.4	8.4	3.5	2.0
45	7/12/2014 0:16:11	13.63	51.37	33.72	8.17	8.06	8.5	3.938	96.9	8.8	3.7	2.1
46	7/12/2014 0:31:11	12.84	51.37	33.69	8.45	8.07	5.9	3.886	98.6	8.2	3.4	1.9
47	7/12/2014 0:46:11	13.07	51.38	33.71	8.40	8.07	6.6	3.798	98.5	6.8	2.9	1.6
48	7/12/2014 1:01:11	12.95	51.41	33.73	8.42	8.07	7.3	3.701	98.5	7.7	3.2	1.8
49	7/12/2014 1:16:11	12.80	51.31	33.64	8.45	8.07	6.2	3.581	98.5	8.6	3.6	2.0
50	7/12/2014 1:31:11	14.17	51.66	33.95	8.15	8.07	10.2	3.454	97.9	6.5	2.7	1.5
51	7/12/2014 1:46:11	14.40	51.62	33.93	8.25	8.08	10.6	3.326	99.6	7.8	3.3	1.8
52	7/12/2014 2:01:11	14.34	51.60	33.92	8.29	8.08	12.2	3.187	99.9	6.5	2.7	1.5
53	7/12/2014 2:16:11	14.58	51.68	33.98	8.16	8.07	12.8	3.048	98.9	6.4	2.7	1.5
54	7/12/2014 2:31:11	14.80	51.74	34.03	8.02	8.06	10.3	2.900	97.6	5.7	2.4	1.3
55	7/12/2014 2:46:11	15.42	51.92	34.18	7.70	8.04	10.4	2.751	94.9	4.8	2.0	1.1
56	7/12/2014 3:01:11	15.78	51.90	34.17	7.53	8.03	9.5	2.612	93.5	3.8	1.6	0.9
57	7/12/2014 3:16:11	15.00	51.77	34.06	7.63	8.03	9.4	2.444	93.3	6.1	2.6	1.4
58	7/12/2014 3:31:11	15.23	51.88	34.15	7.61	8.03	9.9	2.295	93.5	4.6	1.9	1.1
59	7/12/2014 3:46:11	14.56	51.80	34.07	7.63	8.02	8.0	2.144	92.4	4.7	2.0	1.1
60	7/12/2014 4:01:11	15.54	51.97	34.22	7.44	8.02	9.6	1.973	92.0	4.2	1.8	1.0
61	7/12/2014 4:16:11	16.25	52.09	34.32	7.26	8.01	10.9	1.812	91.0	4.1	1.7	1.0
62	7/12/2014 4:31:11	16.54	52.16	34.38	7.12	8.00	10.0	1.655	89.9	3.4	1.4	0.8
63	7/12/2014 4:46:11	16.85	52.14	34.37	7.04	7.99	10.3	1.501	89.3	3.5	1.5	0.8
64	7/12/2014 5:01:11	17.02	52.26	34.46	6.94	7.98	10.6	1.339	88.4	3.6	1.5	0.8
65	7/12/2014 5:16:11	17.11	52.20	34.42	6.90	7.98	9.4	1.176	88.1	3.2	1.3	0.7
66	7/12/2014 5:31:11	17.51	52.46	34.61	6.78	7.97	10.0	1.043	87.3	3.3	1.4	0.8
67	7/12/2014 5:46:11	17.66	52.29	34.49	6.73	7.97	8.8	0.936	86.9	3.1	1.3	0.7
68	7/12/2014 6:01:11	17.75	52.52	34.66	6.67	7.97	8.8	0.825	86.3	2.9	1.2	0.7
69	7/12/2014 6:16:11	17.93	52.46	34.62	6.62	7.96	6.2	0.758	86.0	3.0	1.3	0.7
70	7/12/2014 6:31:11	18.40	52.60	34.73	6.69	7.97	7.8	0.755	87.6	3.1	1.3	0.7
71	7/12/2014 6:46:11	18.24	52.43	34.59	6.70	7.97	6.9	0.820	87.5	3.0	1.3	0.7
72	7/12/2014 7:01:11	18.02	52.48	34.63	6.69	7.97	6.8	0.906	87.0	2.8	1.2	0.7
73	7/12/2014 7:16:11	18.37	52.46	34.62	6.75	7.98	7.0	1.016	88.4	3.1	1.3	0.7
74	7/12/2014 7:31:11	18.57	52.70	34.80	6.82	7.99	6.2	1.127	89.7	2.9	1.2	0.7
75	7/12/2014 7:46:11	18.49	52.62	34.74	6.83	7.99	6.8	1.217	89.7	2.9	1.2	0.7
76	7/12/2014 8:01:11	18.61	52.76	34.84	6.84	7.99	7.2	1.298	90.1	2.9	1.2	0.7
77	7/12/2014 8:16:11	18.65	52.67	34.78	6.76	7.98	8.1	1.389	89.0	3.6	1.5	0.8
78	7/12/2014 8:31:11	18.59	52.74	34.83	6.69	7.97	9.0	1.495	88.0	4.0	1.7	0.9
79	7/12/2014 8:46:11	18.37	52.58	34.71	6.80	7.98	9.4	1.590	89.1	3.6	1.5	0.9
80	7/12/2014 9:01:11	18.29	52.62	34.74	6.85	7.98	8.5	1.693	89.6	3.4	1.4	0.8
81	7/12/2014 9:16:11	18.23	52.58	34.70	6.88	7.99	8.3	1.808	89.8	3.6	1.5	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
82	7/12/2014 9:31:11	18.08	52.52	34.66	6.87	7.98	8.8	1.932	89.4	2.8	1.2	0.7
83	7/12/2014 9:46:11	17.90	52.51	34.65	6.88	7.98	9.7	2.047	89.2	3.5	1.5	0.8
84	7/12/2014 10:01:11	17.70	52.50	34.64	6.82	7.97	11.0	2.167	88.2	2.8	1.2	0.7
85	7/12/2014 10:16:11	17.53	52.37	34.55	6.80	7.97	13.0	2.283	87.5	3.5	1.5	0.8
86	7/12/2014 10:31:11	17.28	52.33	34.51	6.90	7.98	13.0	2.394	88.4	3.8	1.6	0.9
87	7/12/2014 10:46:11	17.10	52.23	34.44	6.92	7.97	15.2	2.503	88.3	3.8	1.6	0.9
88	7/12/2014 11:01:11	16.93	52.31	34.49	6.97	7.98	18.8	2.606	88.7	4.0	1.7	1.0
89	7/12/2014 11:16:11	16.23	52.07	34.30	7.20	7.99	21.4	2.705	90.3	4.1	1.7	1.0
90	7/12/2014 11:31:11	15.55	52.00	34.24	7.45	8.01	18.9	2.805	92.1	4.9	2.1	1.2
91	7/12/2014 11:46:11	15.04	51.87	34.13	7.66	8.02	17.0	2.899	93.7	4.6	1.9	1.1
92	7/12/2014 12:01:11	14.86	51.83	34.10	7.73	8.03	16.5	2.991	94.2	4.9	2.1	1.2
93	7/12/2014 12:16:11	14.70	51.79	34.07	7.82	8.04	16.9	3.079	95.0	6.1	2.6	1.4
94	7/12/2014 12:31:12	14.52	51.82	34.09	7.88	8.04	14.9	3.160	95.4	6.0	2.5	1.4
95	7/12/2014 12:46:11	14.30	51.72	34.00	7.95	8.05	14.6	3.233	95.7	6.1	2.6	1.4
96	7/12/2014 13:01:11	14.01	51.61	33.91	8.00	8.05	10.0	3.291	95.8	5.2	2.2	1.2
97	7/12/2014 13:16:12	13.84	51.52	33.84	8.04	8.05	7.5	3.330	95.9	4.5	1.9	1.1
98	7/12/2014 13:31:11	14.01	51.24	33.64	7.95	8.04	7.0	3.350	95.0	4.9	2.1	1.2
99	7/12/2014 13:46:11	13.95	51.44	33.79	7.92	8.04	6.8	3.345	94.6	4.2	1.8	1.0
100	7/12/2014 14:01:11	14.47	51.52	33.86	7.82	8.04	9.6	3.302	94.4	3.7	1.6	0.9
101	7/12/2014 14:16:11	14.39	51.56	33.89	8.07	8.06	7.3	3.246	97.4	4.4	1.8	1.0
102	7/12/2014 14:31:11	14.58	51.71	34.01	7.97	8.05	10.0	3.166	96.6	4.8	2.0	1.1
103	7/12/2014 14:46:12	14.84	51.73	34.02	8.14	8.07	12.2	3.080	99.1	4.3	1.8	1.0
104	7/12/2014 15:01:11	15.10	51.76	34.06	8.14	8.07	10.9	2.987	99.7	4.1	1.7	1.0
105	7/12/2014 15:16:11	15.48	51.85	34.13	8.00	8.06	12.6	2.882	98.7	4.7	2.0	1.1
106	7/12/2014 15:31:11	15.90	51.90	34.18	7.81	8.04	14.1	2.785	97.2	4.3	1.8	1.0
107	7/12/2014 15:46:11	16.32	51.95	34.22	7.71	8.04	13.7	2.685	96.8	4.8	2.0	1.1
108	7/12/2014 16:01:11	17.12	52.17	34.40	7.65	8.04	14.1	2.595	97.7	4.0	1.7	0.9
109	7/12/2014 16:16:11	17.53	52.05	34.31	7.64	8.04	13.3	2.513	98.2	3.7	1.6	0.9
110	7/12/2014 16:31:11	17.53	52.31	34.50	7.73	8.04	13.2	2.426	99.5	3.2	1.3	0.8
111	7/12/2014 16:46:11	17.71	52.29	34.49	7.82	8.05	11.0	2.344	101.0	3.6	1.5	0.9
112	7/12/2014 17:01:11	17.45	52.13	34.37	7.82	8.05	9.5	2.272	100.4	3.6	1.5	0.8
113	7/12/2014 17:16:11	17.81	52.37	34.55	8.00	8.06	9.1	2.200	103.5	3.7	1.6	0.9
114	7/12/2014 17:31:11	17.67	52.35	34.54	8.02	8.06	7.5	2.139	103.5	3.5	1.5	0.8
115	7/12/2014 17:46:11	17.69	52.35	34.53	8.08	8.06	6.5	2.087	104.4	3.0	1.3	0.7
116	7/12/2014 18:01:11	17.85	52.28	34.48	8.00	8.06	6.3	2.044	103.6	2.9	1.2	0.7
117	7/12/2014 18:16:11	17.62	52.02	34.29	7.70	8.03	3.4	2.032	99.2	3.0	1.3	0.7
118	7/12/2014 18:31:11	17.18	52.05	34.31	8.68	8.10	7.2	2.019	110.8	3.6	1.5	0.8
119	7/12/2014 18:46:11	17.54	52.30	34.50	8.36	8.08	6.7	2.027	107.6	3.9	1.6	0.9
120	7/12/2014 19:01:11	17.66	52.15	34.38	8.23	8.07	7.0	2.075	106.2	4.0	1.7	0.9
121	7/12/2014 19:16:10	17.93	52.24	34.45	8.08	8.06	7.2	2.118	104.7	3.8	1.6	0.9
122	7/12/2014 19:31:11	18.37	52.42	34.59	7.99	8.05	7.8	2.178	104.5	3.6	1.5	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
123	7/12/2014 19:46:11	18.34	52.47	34.62	7.88	8.04	8.8	2.265	103.1	3.7	1.6	0.9
124	7/12/2014 20:01:11	18.31	52.48	34.64	7.78	8.03	12.0	2.350	101.7	4.2	1.8	1.0
125	7/12/2014 20:16:11	17.67	52.34	34.53	7.87	8.03	11.1	2.443	101.5	4.8	2.0	1.1
126	7/12/2014 20:31:11	17.55	52.34	34.53	7.83	8.03	10.1	2.524	100.9	4.5	1.9	1.1
127	7/12/2014 20:46:11	16.93	52.17	34.39	7.74	8.02	11.7	2.621	98.4	4.6	1.9	1.1
128	7/12/2014 21:01:11	16.62	52.10	34.34	7.63	8.01	11.8	2.717	96.4	4.9	2.1	1.2
129	7/12/2014 21:16:11	16.21	52.08	34.32	7.66	8.01	14.4	2.811	96.0	5.6	2.4	1.3
130	7/12/2014 21:31:11	15.72	51.99	34.24	7.75	8.02	15.7	2.914	96.1	5.1	2.1	1.2
131	7/12/2014 21:46:11	15.35	51.92	34.18	7.84	8.02	16.6	3.022	96.6	5.3	2.2	1.2
132	7/12/2014 22:01:11	14.98	51.78	34.06	7.97	8.03	17.1	3.130	97.4	6.3	2.6	1.5
133	7/12/2014 22:16:11	14.66	51.54	33.88	8.14	8.04	19.4	3.240	98.7	6.1	2.6	1.4
134	7/12/2014 22:31:11	14.04	51.37	33.74	8.33	8.05	15.8	3.359	99.6	6.3	2.6	1.5
135	7/12/2014 22:46:11	13.62	51.37	33.72	8.46	8.06	16.0	3.464	100.4	7.1	3.0	1.7
136	7/12/2014 23:01:11	13.39	51.40	33.73	8.52	8.06	12.4	3.571	100.6	6.9	2.9	1.6
137	7/12/2014 23:16:11	13.17	51.22	33.60	8.65	8.07	11.2	3.674	101.6	7.9	3.3	1.9
138	7/12/2014 23:31:11	13.12	51.15	33.55	8.69	8.08	8.1	3.759	101.9	7.0	2.9	1.6
139	7/12/2014 23:46:11	13.04	51.27	33.63	8.72	8.08	7.4	3.841	102.1	8.1	3.4	1.9
140	7/13/2014 0:01:11	12.94	51.24	33.61	8.73	8.08	4.7	3.912	102.1	7.5	3.2	1.8
141	7/13/2014 0:16:12	12.91	51.35	33.68	8.64	8.07	3.7	3.952	101.0	5.2	2.2	1.2
142	7/13/2014 0:31:12	12.99	51.12	33.51	8.42	8.06	2.9	3.986	98.4	4.0	1.7	0.9
143	7/13/2014 0:46:11	13.48	51.34	33.70	8.29	8.06	5.9	3.988	98.0	5.1	2.1	1.2
144	7/13/2014 1:01:11	13.75	51.43	33.77	7.95	8.03	5.9	3.964	94.5	4.7	2.0	1.1
145	7/13/2014 1:16:11	13.34	51.42	33.75	8.24	8.05	6.7	3.909	97.1	5.5	2.3	1.3
146	7/13/2014 1:31:11	13.24	51.16	33.56	8.28	8.05	6.6	3.818	97.4	5.9	2.5	1.4
147	7/13/2014 1:46:11	13.11	51.07	33.48	8.37	8.06	6.8	3.720	98.1	5.6	2.4	1.3
148	7/13/2014 2:01:11	12.98	51.22	33.59	8.44	8.06	6.1	3.611	98.7	5.8	2.4	1.4
149	7/13/2014 2:16:12	13.33	51.41	33.74	8.27	8.05	8.5	3.477	97.5	5.6	2.4	1.3
150	7/13/2014 2:31:12	13.70	51.39	33.74	8.34	8.07	10.9	3.337	99.0	6.4	2.7	1.5
151	7/13/2014 2:46:12	14.05	51.42	33.78	8.19	8.06	12.7	3.212	98.0	5.8	2.4	1.4
152	7/13/2014 3:01:11	14.32	51.56	33.89	8.03	8.05	11.4	3.069	96.7	5.6	2.4	1.3
153	7/13/2014 3:16:11	14.74	51.72	34.02	7.83	8.03	11.5	2.927	95.2	4.2	1.8	1.0
154	7/13/2014 3:31:11	15.29	51.74	34.04	7.56	8.01	10.8	2.785	93.0	3.8	1.6	0.9
155	7/13/2014 3:46:11	15.66	51.95	34.21	7.37	8.00	10.3	2.618	91.4	3.8	1.6	0.9
156	7/13/2014 4:01:11	15.37	51.80	34.09	7.41	8.00	10.7	2.479	91.3	3.5	1.5	0.8
157	7/13/2014 4:16:11	14.86	51.67	33.98	7.53	8.00	9.5	2.323	91.7	3.7	1.6	0.9
158	7/13/2014 4:31:11	15.23	51.62	33.95	7.45	8.00	10.6	2.151	91.5	4.0	1.7	0.9
159	7/13/2014 4:46:11	15.45	51.77	34.07	7.37	7.99	10.6	1.992	90.9	3.7	1.6	0.9
160	7/13/2014 5:01:11	15.91	52.00	34.25	7.22	7.99	11.7	1.828	89.9	3.4	1.4	0.8
161	7/13/2014 5:16:11	16.26	52.01	34.26	7.10	7.98	13.5	1.668	89.1	3.5	1.5	0.8
162	7/13/2014 5:31:11	16.38	51.96	34.23	7.05	7.97	13.0	1.498	88.6	3.5	1.5	0.8
163	7/13/2014 5:46:11	16.74	52.29	34.48	6.96	7.97	12.5	1.320	88.2	3.1	1.3	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
164	7/13/2014 6:01:11	16.95	52.37	34.54	6.91	7.97	11.4	1.164	88.0	3.1	1.3	0.7
165	7/13/2014 6:16:11	16.85	52.31	34.50	6.84	7.96	11.2	1.018	87.0	2.6	1.1	0.6
166	7/13/2014 6:31:11	17.10	52.32	34.51	6.80	7.96	9.8	0.862	86.9	2.8	1.2	0.7
167	7/13/2014 6:46:11	17.23	52.38	34.55	6.77	7.96	9.4	0.749	86.6	2.7	1.1	0.6
168	7/13/2014 7:01:11	16.74	52.24	34.44	6.64	7.93	8.9	0.694	84.2	2.5	1.1	0.6
169	7/13/2014 7:16:11	17.15	52.34	34.52	6.74	7.95	7.6	0.696	86.1	2.7	1.1	0.6
170	7/13/2014 7:31:11	17.67	52.56	34.69	6.76	7.96	7.3	0.754	87.4	2.9	1.2	0.7
171	7/13/2014 7:46:11	17.54	52.50	34.64	6.75	7.96	7.3	0.855	87.0	2.5	1.1	0.6
172	7/13/2014 8:01:11	17.86	52.59	34.71	6.79	7.97	7.3	0.967	88.0	3.0	1.3	0.7
173	7/13/2014 8:16:11	17.90	52.47	34.63	6.80	7.97	7.2	1.070	88.3	2.8	1.2	0.7
174	7/13/2014 8:31:11	17.89	52.62	34.73	6.78	7.97	7.6	1.170	88.0	2.5	1.1	0.6
175	7/13/2014 8:46:11	18.04	52.65	34.76	6.83	7.97	7.4	1.258	88.9	2.9	1.2	0.7
176	7/13/2014 9:01:11	18.08	52.66	34.76	6.79	7.97	8.5	1.351	88.5	2.9	1.2	0.7
177	7/13/2014 9:16:11	17.59	52.51	34.65	6.84	7.96	7.5	1.453	88.2	2.8	1.2	0.7
178	7/13/2014 9:31:11	17.53	52.43	34.59	6.87	7.96	8.1	1.540	88.4	3.0	1.3	0.7
179	7/13/2014 9:46:11	17.72	52.55	34.68	6.88	7.97	8.5	1.665	89.0	3.2	1.3	0.8
180	7/13/2014 10:01:11	17.78	52.63	34.74	6.95	7.97	8.4	1.779	90.1	2.4	1.0	0.6
181	7/13/2014 10:16:11	17.77	52.38	34.56	6.95	7.97	8.4	1.891	89.9	2.7	1.1	0.6
182	7/13/2014 10:31:11	17.78	52.61	34.73	6.92	7.97	8.8	2.014	89.6	3.1	1.3	0.7
183	7/13/2014 10:46:11	17.54	52.54	34.67	6.93	7.96	10.5	2.143	89.3	3.2	1.3	0.8
184	7/13/2014 11:01:11	17.40	52.45	34.60	6.90	7.96	12.5	2.258	88.6	3.1	1.3	0.7
185	7/13/2014 11:16:11	17.24	52.35	34.53	6.95	7.96	13.4	2.371	89.0	3.2	1.3	0.8
186	7/13/2014 11:31:11	17.02	52.29	34.48	6.98	7.96	15.5	2.482	89.0	3.0	1.3	0.7
187	7/13/2014 11:46:11	16.83	52.19	34.40	7.04	7.96	18.8	2.593	89.4	3.4	1.4	0.8
188	7/13/2014 12:01:11	16.23	52.07	34.31	7.20	7.97	19.4	2.698	90.3	3.6	1.5	0.8
189	7/13/2014 12:16:11	15.22	51.77	34.07	7.55	7.99	20.8	2.797	92.6	4.3	1.8	1.0
190	7/13/2014 12:31:11	14.93	51.73	34.03	7.63	8.00	17.3	2.899	93.1	4.4	1.8	1.0
191	7/13/2014 12:46:12	14.79	51.71	34.01	7.73	8.01	17.5	2.989	94.0	4.4	1.8	1.0
192	7/13/2014 13:01:12	14.64	51.60	33.93	7.80	8.01	14.6	3.082	94.5	4.6	1.9	1.1
193	7/13/2014 13:16:11	14.40	51.66	33.96	7.89	8.02	15.2	3.168	95.3	4.5	1.9	1.1
194	7/13/2014 13:31:11	14.03	51.46	33.80	8.04	8.03	13.1	3.247	96.2	4.9	2.1	1.2
195	7/13/2014 13:46:12	13.71	51.51	33.83	8.09	8.03	10.4	3.311	96.2	5.1	2.1	1.2
196	7/13/2014 14:01:11	13.52	51.37	33.72	8.15	8.04	6.4	3.362	96.4	4.6	1.9	1.1
197	7/13/2014 14:16:11	13.57	51.14	33.56	8.07	8.03	4.2	3.390	95.5	3.1	1.3	0.7
198	7/13/2014 14:31:11	14.20	51.71	33.99	7.90	8.03	7.2	3.393	95.0	3.4	1.4	0.8
199	7/13/2014 14:46:11	13.74	51.37	33.73	7.98	8.03	6.1	3.364	94.9	3.7	1.6	0.9
200	7/13/2014 15:01:11	13.89	51.39	33.75	8.06	8.04	6.8	3.304	96.2	4.4	1.8	1.0
201	7/13/2014 15:16:12	14.13	51.34	33.72	8.09	8.04	9.8	3.229	97.0	3.8	1.6	0.9
202	7/13/2014 15:31:11	14.44	51.31	33.71	8.13	8.05	12.0	3.133	98.0	4.4	1.8	1.0
203	7/13/2014 15:46:11	14.62	51.40	33.78	8.20	8.05	13.7	3.020	99.3	4.1	1.7	1.0
204	7/13/2014 16:01:11	15.16	51.59	33.93	8.05	8.04	14.0	2.923	98.6	3.8	1.6	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
205	7/13/2014 16:16:11	15.55	51.72	34.03	7.93	8.03	16.4	2.820	97.9	4.3	1.8	1.0
206	7/13/2014 16:31:11	16.24	51.79	34.10	7.78	8.02	15.8	2.707	97.5	3.8	1.6	0.9
207	7/13/2014 16:46:11	16.92	52.00	34.27	7.71	8.02	17.2	2.615	97.9	3.6	1.5	0.8
208	7/13/2014 17:01:11	17.23	52.04	34.30	7.66	8.02	17.8	2.521	97.9	4.2	1.8	1.0
209	7/13/2014 17:16:11	17.30	52.08	34.33	7.69	8.02	15.0	2.428	98.5	4.0	1.7	0.9
210	7/13/2014 17:31:11	17.52	52.15	34.39	7.78	8.03	13.1	2.332	100.1	3.7	1.6	0.9
211	7/13/2014 17:46:11	17.51	52.16	34.39	7.78	8.02	13.1	2.251	100.0	3.2	1.3	0.8
212	7/13/2014 18:01:11	17.48	52.10	34.34	7.89	8.03	13.6	2.171	101.4	3.6	1.5	0.8
213	7/13/2014 18:16:11	17.32	51.96	34.24	7.92	8.03	11.5	2.086	101.3	3.3	1.4	0.8
214	7/13/2014 18:31:11	17.33	52.11	34.35	7.80	8.03	10.9	2.017	99.9	3.2	1.3	0.8
215	7/13/2014 18:46:11	17.29	52.03	34.30	7.85	8.03	10.0	1.959	100.5	3.2	1.3	0.7
216	7/13/2014 19:01:11	17.62	52.09	34.34	7.59	8.02	8.2	1.934	97.8	3.0	1.3	0.7
217	7/13/2014 19:16:11	17.55	52.22	34.44	7.46	8.01	7.2	1.898	96.1	2.9	1.2	0.7
218	7/13/2014 19:31:11	17.35	52.18	34.40	7.84	8.02	7.3	1.906	100.4	2.9	1.2	0.7
219	7/13/2014 19:46:11	17.50	52.15	34.39	7.88	8.03	8.2	1.929	101.3	3.4	1.4	0.8
220	7/13/2014 20:01:11	17.46	52.11	34.35	7.89	8.03	8.6	1.964	101.3	3.5	1.5	0.8
221	7/13/2014 20:16:11	17.51	52.12	34.36	7.89	8.03	11.9	2.039	101.4	3.4	1.4	0.8
222	7/13/2014 20:31:11	17.60	52.11	34.36	7.86	8.02	13.0	2.115	101.2	3.9	1.6	0.9
223	7/13/2014 20:46:11	17.71	52.01	34.28	7.78	8.02	14.1	2.200	100.3	3.8	1.6	0.9
224	7/13/2014 21:01:11	17.50	52.20	34.42	7.81	8.02	13.2	2.303	100.4	4.6	1.9	1.1
225	7/13/2014 21:16:11	17.24	52.07	34.32	7.85	8.02	12.3	2.398	100.3	4.5	1.9	1.1
226	7/13/2014 21:31:11	17.40	52.12	34.36	7.78	8.02	10.8	2.494	99.7	4.2	1.8	1.0
227	7/13/2014 21:46:11	17.20	52.06	34.32	7.68	8.01	12.0	2.595	98.1	4.3	1.8	1.0
228	7/13/2014 22:01:11	16.81	52.00	34.26	7.55	7.99	11.5	2.686	95.8	4.8	2.0	1.1
229	7/13/2014 22:16:11	16.39	51.98	34.24	7.58	7.99	14.4	2.786	95.2	4.4	1.8	1.0
230	7/13/2014 22:31:11	16.00	51.80	34.10	7.64	8.00	17.8	2.882	95.3	5.2	2.2	1.2
231	7/13/2014 22:46:11	15.61	51.74	34.05	7.76	8.00	19.4	2.987	96.0	5.3	2.2	1.3
232	7/13/2014 23:01:11	15.24	51.59	33.93	7.92	8.02	23.7	3.090	97.2	5.3	2.2	1.2
233	7/13/2014 23:16:11	14.67	51.49	33.85	8.13	8.03	19.8	3.197	98.6	5.6	2.4	1.3
234	7/13/2014 23:31:11	14.11	51.39	33.76	8.26	8.04	19.5	3.307	99.0	7.0	2.9	1.7
235	7/13/2014 23:46:11	13.66	51.38	33.73	8.37	8.05	16.1	3.408	99.3	6.8	2.9	1.6
236	7/14/2014 0:01:12	13.54	51.27	33.65	8.40	8.05	13.4	3.513	99.4	7.0	2.9	1.6
237	7/14/2014 0:16:11	13.36	51.24	33.62	8.44	8.05	12.4	3.611	99.5	6.6	2.8	1.6
238	7/14/2014 0:31:11	13.17	51.09	33.50	8.50	8.06	10.8	3.693	99.8	7.5	3.2	1.8
239	7/14/2014 0:46:11	13.07	51.09	33.50	8.49	8.06	7.7	3.760	99.5	6.8	2.9	1.6
240	7/14/2014 1:01:11	13.04	51.20	33.58	8.47	8.06	5.3	3.823	99.2	6.0	2.5	1.4
241	7/14/2014 1:16:11	13.10	51.09	33.50	8.42	8.05	5.6	3.870	98.7	5.4	2.3	1.3
242	7/14/2014 1:31:11	14.49	51.52	33.86	7.86	8.02	6.0	3.879	94.9	5.1	2.1	1.2
243	7/14/2014 1:46:11	13.44	51.11	33.53	8.12	8.04	6.7	3.877	95.9	4.8	2.0	1.1
244	7/14/2014 2:01:11	13.62	51.20	33.60	8.03	8.03	9.3	3.847	95.2	5.0	2.1	1.2
245	7/14/2014 2:16:11	13.36	51.31	33.67	8.13	8.04	9.3	3.777	95.9	5.0	2.1	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
246	7/14/2014 2:31:11	13.20	51.21	33.59	8.20	8.04	9.0	3.685	96.4	5.5	2.3	1.3
247	7/14/2014 2:46:11	12.99	51.26	33.62	8.29	8.05	7.8	3.578	97.0	4.9	2.1	1.2
248	7/14/2014 3:01:11	12.96	51.20	33.58	8.32	8.05	7.4	3.462	97.3	5.1	2.1	1.2
249	7/14/2014 3:16:11	13.98	51.32	33.70	8.00	8.03	12.6	3.332	95.5	4.6	1.9	1.1
250	7/14/2014 3:31:11	14.20	51.33	33.71	7.98	8.03	13.7	3.202	95.7	5.5	2.3	1.3
251	7/14/2014 3:46:11	14.52	51.34	33.73	7.85	8.02	14.4	3.067	94.9	4.9	2.1	1.1
252	7/14/2014 4:01:11	14.99	51.59	33.92	7.63	8.01	13.9	2.920	93.1	4.4	1.8	1.0
253	7/14/2014 4:16:11	15.56	51.58	33.93	7.38	7.99	14.1	2.783	91.1	3.8	1.6	0.9
254	7/14/2014 4:31:11	15.65	51.58	33.93	7.32	7.98	12.7	2.628	90.6	3.5	1.5	0.8
255	7/14/2014 4:46:11	15.78	51.86	34.15	7.16	7.97	11.9	2.482	88.9	3.8	1.6	0.9
256	7/14/2014 5:01:12	15.35	51.65	33.98	7.40	7.99	10.9	2.329	91.0	3.1	1.3	0.7
257	7/14/2014 5:16:11	15.19	51.61	33.94	7.43	7.99	11.0	2.152	91.0	3.8	1.6	0.9
258	7/14/2014 5:31:11	15.04	51.56	33.91	7.38	7.98	11.0	2.013	90.2	3.6	1.5	0.8
259	7/14/2014 5:46:11	15.87	51.92	34.19	7.20	7.97	13.0	1.842	89.6	3.1	1.3	0.7
260	7/14/2014 6:01:11	16.20	51.98	34.24	7.06	7.97	13.8	1.674	88.4	3.5	1.5	0.8
261	7/14/2014 6:16:11	16.52	52.02	34.28	6.95	7.96	14.4	1.507	87.6	2.8	1.2	0.7
262	7/14/2014 6:31:11	16.52	52.11	34.34	6.91	7.95	13.6	1.352	87.1	2.9	1.2	0.7
263	7/14/2014 6:46:11	16.81	52.04	34.29	6.85	7.95	12.7	1.187	86.9	2.6	1.1	0.6
264	7/14/2014 7:01:11	16.89	52.25	34.45	6.80	7.95	11.6	1.031	86.5	3.2	1.3	0.8
265	7/14/2014 7:16:11	16.99	52.20	34.42	6.73	7.94	11.0	0.900	85.7	2.7	1.1	0.6
266	7/14/2014 7:31:11	17.15	52.31	34.50	6.68	7.94	9.8	0.792	85.4	2.1	0.9	0.5
267	7/14/2014 7:46:11	17.17	52.31	34.50	6.57	7.93	8.0	0.725	84.0	2.1	0.9	0.5
268	7/14/2014 8:01:11	17.04	52.25	34.46	6.64	7.93	8.6	0.726	84.6	2.8	1.2	0.7
269	7/14/2014 8:16:11	17.12	52.22	34.43	6.66	7.93	8.6	0.753	85.0	2.8	1.2	0.7
270	7/14/2014 8:31:11	17.14	52.30	34.49	6.66	7.93	8.7	0.858	85.1	3.3	1.4	0.8
271	7/14/2014 8:46:11	17.35	52.36	34.54	6.69	7.94	8.9	0.959	85.8	2.5	1.1	0.6
272	7/14/2014 9:01:11	17.41	52.38	34.56	6.67	7.94	9.2	1.052	85.7	2.7	1.1	0.6
273	7/14/2014 9:16:11	17.49	52.40	34.57	6.65	7.94	8.7	1.169	85.5	2.8	1.2	0.6
274	7/14/2014 9:31:11	17.54	52.48	34.63	6.64	7.94	9.4	1.273	85.6	2.8	1.2	0.6
275	7/14/2014 9:46:11	17.40	52.34	34.52	6.66	7.94	8.6	1.354	85.5	2.7	1.1	0.6
276	7/14/2014 10:01:11	17.05	52.19	34.41	6.72	7.93	8.2	1.446	85.7	2.8	1.2	0.7
277	7/14/2014 10:16:11	16.88	52.17	34.39	6.79	7.94	8.1	1.578	86.2	2.5	1.1	0.6
278	7/14/2014 10:31:11	16.92	52.27	34.47	6.85	7.94	9.2	1.678	87.2	2.7	1.1	0.6
279	7/14/2014 10:46:11	17.22	52.33	34.51	6.80	7.95	9.0	1.784	87.1	2.9	1.2	0.7
280	7/14/2014 11:01:11	17.54	52.36	34.54	6.75	7.95	9.2	1.907	86.9	2.7	1.1	0.6
281	7/14/2014 11:16:11	17.54	52.43	34.59	6.77	7.95	11.1	2.045	87.1	3.1	1.3	0.7
282	7/14/2014 11:31:11	17.35	52.32	34.51	6.84	7.95	12.6	2.161	87.7	3.4	1.4	0.8
283	7/14/2014 11:46:11	17.21	52.29	34.48	6.87	7.95	14.4	2.268	87.8	2.8	1.2	0.7
284	7/14/2014 12:01:11	16.98	52.20	34.42	6.92	7.95	14.9	2.398	88.1	3.0	1.3	0.7
285	7/14/2014 12:16:11	16.73	52.05	34.30	7.01	7.95	19.2	2.509	88.7	3.4	1.4	0.8
286	7/14/2014 12:31:11	16.32	51.98	34.24	7.11	7.96	22.1	2.614	89.3	3.4	1.4	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
287	7/14/2014 12:46:11	15.45	51.78	34.08	7.39	7.97	23.4	2.722	91.2	4.4	1.8	1.0
288	7/14/2014 13:01:11	14.82	51.59	33.92	7.60	7.99	18.4	2.832	92.5	3.8	1.6	0.9
289	7/14/2014 13:16:11	14.70	51.58	33.91	7.63	8.00	23.1	2.939	92.7	4.9	2.1	1.1
290	7/14/2014 13:31:12	14.48	51.61	33.92	7.73	8.00	17.4	3.030	93.4	4.9	2.1	1.2
291	7/14/2014 13:46:11	14.29	51.53	33.86	7.81	8.01	16.8	3.135	93.9	4.7	2.0	1.1
292	7/14/2014 14:01:11	14.00	51.38	33.74	7.97	8.03	17.7	3.230	95.2	5.8	2.4	1.4
293	7/14/2014 14:16:11	13.61	51.35	33.71	8.24	8.06	14.8	3.306	97.7	7.1	3.0	1.7
294	7/14/2014 14:31:11	13.41	51.24	33.62	8.37	8.07	10.7	3.373	98.8	7.1	3.0	1.7
295	7/14/2014 14:46:11	13.29	51.25	33.62	8.46	8.07	8.4	3.418	99.6	9.1	3.8	2.1
296	7/14/2014 15:01:11	14.02	50.39	33.02	8.36	8.06	6.2	3.454	99.5	5.4	2.3	1.3
297	7/14/2014 15:16:11	13.87	51.56	33.87	8.24	8.06	7.2	3.448	98.4	6.5	2.7	1.5
298	7/14/2014 15:31:12	13.86	51.35	33.71	8.20	8.06	9.0	3.405	97.7	5.8	2.4	1.4
299	7/14/2014 15:46:11	13.60	51.25	33.64	8.32	8.07	7.3	3.341	98.6	5.6	2.4	1.3
300	7/14/2014 16:01:11	14.11	51.36	33.73	8.29	8.06	9.9	3.270	99.3	5.9	2.5	1.4
301	7/14/2014 16:16:11	14.32	51.32	33.71	8.52	8.08	10.0	3.169	102.5	5.5	2.3	1.3
302	7/14/2014 16:31:11	14.27	51.16	33.59	8.76	8.11	7.7	3.037	105.2	6.3	2.6	1.5
303	7/14/2014 16:46:11	15.27	51.56	33.91	8.02	8.04	11.9	2.941	98.5	3.4	1.4	0.8
304	7/14/2014 17:01:12	15.39	51.58	33.93	7.90	8.03	13.6	2.836	97.2	4.8	2.0	1.1
305	7/14/2014 17:16:11	15.74	51.62	33.96	7.85	8.02	13.6	2.716	97.3	3.9	1.6	0.9
306	7/14/2014 17:31:11	16.60	51.82	34.13	7.76	8.02	12.8	2.616	97.8	3.6	1.5	0.9
307	7/14/2014 17:46:11	17.03	51.82	34.13	7.71	8.01	13.0	2.524	98.0	3.5	1.5	0.8
308	7/14/2014 18:01:11	17.19	51.82	34.13	7.73	8.02	11.3	2.415	98.7	3.4	1.4	0.8
309	7/14/2014 18:16:11	17.31	51.92	34.21	7.80	8.02	10.4	2.322	99.8	2.7	1.1	0.6
310	7/14/2014 18:31:11	17.31	51.99	34.27	7.96	8.03	8.9	2.228	101.8	2.8	1.2	0.7
311	7/14/2014 18:46:11	16.77	51.86	34.16	7.85	8.02	9.0	2.133	99.4	3.2	1.3	0.8
312	7/14/2014 19:01:11	16.79	51.83	34.14	7.90	8.03	8.4	2.050	100.0	3.2	1.3	0.8
313	7/14/2014 19:16:11	16.69	51.89	34.18	7.96	8.03	7.7	1.971	100.6	2.9	1.2	0.7
314	7/14/2014 19:31:11	17.02	51.86	34.16	7.93	8.03	6.9	1.904	100.9	2.9	1.2	0.7
315	7/14/2014 19:46:11	17.08	51.85	34.16	7.95	8.03	5.6	1.838	101.2	2.6	1.1	0.6
316	7/14/2014 20:01:11	17.16	51.93	34.22	7.91	8.04	6.3	1.804	100.9	2.8	1.2	0.7
317	7/14/2014 20:16:11	17.28	52.08	34.33	7.81	8.03	5.4	1.778	100.0	3.3	1.4	0.8
318	7/14/2014 20:31:11	16.93	51.95	34.23	8.00	8.03	6.7	1.770	101.6	3.1	1.3	0.7
319	7/14/2014 20:46:11	18.19	52.19	34.42	7.89	8.04	5.6	1.805	102.8	3.1	1.3	0.7
320	7/14/2014 21:01:11	17.88	52.15	34.39	7.82	8.03	6.8	1.849	101.3	3.6	1.5	0.8
321	7/14/2014 21:16:11	18.45	52.28	34.49	7.77	8.03	8.1	1.912	101.7	3.9	1.6	0.9
322	7/14/2014 21:31:11	18.28	52.21	34.43	7.71	8.02	9.4	1.988	100.7	3.6	1.5	0.8
323	7/14/2014 21:46:11	18.58	52.29	34.49	7.51	8.00	15.5	2.099	98.5	4.6	1.9	1.1
324	7/14/2014 22:01:11	18.01	52.15	34.38	7.59	8.00	11.1	2.186	98.5	4.1	1.7	1.0
325	7/14/2014 22:16:11	17.91	52.21	34.43	7.60	8.00	10.2	2.277	98.5	4.1	1.7	1.0
326	7/14/2014 22:31:11	17.78	52.23	34.44	7.57	8.00	10.8	2.381	97.9	4.0	1.7	0.9
327	7/14/2014 22:46:11	16.91	51.95	34.23	7.59	8.00	10.3	2.468	96.4	3.9	1.6	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
328	7/14/2014 23:01:11	16.63	51.89	34.18	7.54	7.99	10.6	2.560	95.1	4.7	2.0	1.1
329	7/14/2014 23:16:11	16.17	51.85	34.14	7.68	8.00	12.1	2.648	96.0	5.1	2.1	1.2
330	7/14/2014 23:31:11	15.78	51.79	34.09	7.80	8.01	13.7	2.746	96.8	5.6	2.4	1.3
331	7/14/2014 23:46:11	15.51	51.68	34.01	7.91	8.02	14.7	2.844	97.6	5.0	2.1	1.2
332	7/15/2014 0:01:12	15.25	51.57	33.92	7.99	8.03	14.7	2.942	98.1	5.7	2.4	1.3
333	7/15/2014 0:16:11	14.72	51.51	33.86	8.20	8.05	13.3	3.051	99.5	7.5	3.2	1.8
334	7/15/2014 0:31:11	14.22	51.49	33.83	8.34	8.06	13.8	3.149	100.2	7.8	3.3	1.8
335	7/15/2014 0:46:12	13.90	51.48	33.81	8.41	8.07	17.1	3.254	100.4	8.4	3.5	2.0
336	7/15/2014 1:01:11	13.51	51.20	33.60	8.58	8.08	12.7	3.349	101.4	8.5	3.6	2.0
337	7/15/2014 1:16:11	13.38	51.31	33.67	8.67	8.09	12.9	3.437	102.2	9.5	4.0	2.2
338	7/15/2014 1:31:11	13.31	51.02	33.45	8.72	8.09	10.0	3.519	102.6	8.6	3.6	2.0
339	7/15/2014 1:46:11	13.20	51.11	33.52	8.77	8.10	6.8	3.589	103.0	8.7	3.7	2.0
340	7/15/2014 2:01:12	13.16	51.28	33.64	8.72	8.10	5.9	3.646	102.4	8.9	3.7	2.1
341	7/15/2014 2:16:11	13.22	51.11	33.52	8.54	8.08	4.7	3.666	100.3	6.5	2.7	1.5
342	7/15/2014 2:31:11	14.49	51.37	33.75	7.93	8.04	5.3	3.687	95.8	5.2	2.2	1.2
343	7/15/2014 2:46:11	13.60	51.25	33.64	8.33	8.07	5.7	3.681	98.7	4.3	1.8	1.0
344	7/15/2014 3:01:12	13.78	51.36	33.72	8.13	8.05	8.9	3.625	96.7	6.7	2.8	1.6
345	7/15/2014 3:16:11	13.65	51.38	33.73	8.27	8.06	6.8	3.552	98.2	6.4	2.7	1.5
346	7/15/2014 3:31:12	13.70	51.32	33.69	8.20	8.06	7.8	3.473	97.4	5.6	2.4	1.3
347	7/15/2014 3:46:11	13.50	51.27	33.64	8.35	8.07	7.9	3.369	98.7	5.5	2.3	1.3
348	7/15/2014 4:01:11	13.60	51.16	33.57	8.31	8.06	7.6	3.235	98.4	5.5	2.3	1.3
349	7/15/2014 4:16:11	14.51	51.24	33.66	8.03	8.04	10.8	3.116	97.0	5.8	2.4	1.4
350	7/15/2014 4:31:12	14.59	51.54	33.88	7.92	8.04	10.3	3.000	95.9	5.6	2.4	1.3
351	7/15/2014 4:46:11	14.59	51.47	33.83	7.88	8.04	9.5	2.878	95.4	5.5	2.3	1.3
352	7/15/2014 5:01:12	15.33	51.61	33.95	7.52	8.00	9.8	2.731	92.5	4.8	2.0	1.1
353	7/15/2014 5:16:11	16.15	51.82	34.12	7.04	7.97	10.3	2.585	88.0	3.9	1.6	0.9
354	7/15/2014 5:31:11	15.99	51.79	34.09	7.30	7.99	11.2	2.458	90.9	3.6	1.5	0.8
355	7/15/2014 5:46:11	15.75	51.85	34.14	7.07	7.96	10.4	2.316	87.7	3.4	1.4	0.8
356	7/15/2014 6:01:12	15.65	51.89	34.16	7.32	7.99	11.6	2.169	90.7	3.8	1.6	0.9
357	7/15/2014 6:16:11	15.57	51.77	34.08	7.33	7.99	10.6	2.015	90.6	3.5	1.5	0.8
358	7/15/2014 6:31:11	15.69	51.82	34.11	7.27	7.98	10.0	1.859	90.1	3.0	1.3	0.7
359	7/15/2014 6:46:12	16.00	51.88	34.16	7.13	7.97	9.8	1.722	88.9	3.1	1.3	0.7
360	7/15/2014 7:01:11	16.28	51.95	34.22	7.00	7.96	10.1	1.556	87.8	3.0	1.3	0.7
361	7/15/2014 7:16:11	16.50	52.06	34.31	6.90	7.95	9.6	1.398	87.0	2.3	1.0	0.5
362	7/15/2014 7:31:11	16.84	52.14	34.37	6.80	7.95	10.0	1.267	86.2	2.5	1.1	0.6
363	7/15/2014 7:46:11	16.99	52.01	34.27	6.77	7.94	9.2	1.139	86.1	2.9	1.2	0.7
364	7/15/2014 8:01:11	17.28	52.21	34.42	6.67	7.94	11.3	1.016	85.4	2.4	1.0	0.6
365	7/15/2014 8:16:11	17.33	52.15	34.38	6.63	7.93	9.0	0.912	85.0	2.1	0.9	0.5
366	7/15/2014 8:31:11	17.52	52.26	34.46	6.57	7.93	7.6	0.866	84.5	2.6	1.1	0.6
367	7/15/2014 8:46:11	17.38	52.18	34.40	6.57	7.92	9.0	0.836	84.3	2.4	1.0	0.6
368	7/15/2014 9:01:11	17.59	52.34	34.52	6.59	7.92	7.8	0.854	84.9	2.5	1.1	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
369	7/15/2014 9:16:11	17.64	52.34	34.52	6.59	7.93	8.1	0.939	85.0	2.6	1.1	0.6
370	7/15/2014 9:31:11	17.81	52.40	34.57	6.56	7.92	10.6	1.036	85.0	2.7	1.1	0.6
371	7/15/2014 9:46:11	18.02	52.45	34.61	6.57	7.93	9.3	1.126	85.4	2.4	1.0	0.6
372	7/15/2014 10:01:11	17.92	52.43	34.59	6.58	7.92	10.9	1.231	85.3	2.7	1.1	0.6
373	7/15/2014 10:16:11	18.05	52.47	34.62	6.52	7.92	11.9	1.338	84.8	2.8	1.2	0.7
374	7/15/2014 10:31:11	17.88	52.27	34.47	6.56	7.92	11.7	1.434	84.9	3.1	1.3	0.7
375	7/15/2014 10:46:11	17.52	52.07	34.33	6.71	7.93	9.8	1.536	86.2	3.1	1.3	0.7
376	7/15/2014 11:01:11	17.59	52.30	34.49	6.71	7.93	9.4	1.646	86.5	3.1	1.3	0.7
377	7/15/2014 11:16:11	17.74	52.15	34.38	6.69	7.93	10.0	1.746	86.4	3.3	1.4	0.8
378	7/15/2014 11:31:11	17.81	52.40	34.57	6.67	7.93	10.1	1.860	86.3	3.2	1.3	0.8
379	7/15/2014 11:46:11	17.58	52.22	34.44	6.78	7.93	10.3	1.988	87.3	3.1	1.3	0.7
380	7/15/2014 12:01:11	17.38	52.25	34.45	6.85	7.94	10.9	2.102	87.9	3.4	1.4	0.8
381	7/15/2014 12:16:11	17.16	52.08	34.33	6.91	7.94	11.5	2.220	88.3	3.5	1.5	0.8
382	7/15/2014 12:31:11	16.91	52.16	34.38	7.02	7.95	11.9	2.335	89.2	3.3	1.4	0.8
383	7/15/2014 12:46:11	16.72	52.01	34.27	7.12	7.95	13.5	2.453	90.1	3.4	1.4	0.8
384	7/15/2014 13:01:11	16.40	51.76	34.08	7.23	7.96	16.6	2.559	90.8	3.9	1.6	0.9
385	7/15/2014 13:16:11	15.99	51.77	34.08	7.41	7.97	15.6	2.668	92.4	3.9	1.6	0.9
386	7/15/2014 13:31:11	15.47	51.62	33.96	7.60	7.99	18.6	2.778	93.7	4.0	1.7	0.9
387	7/15/2014 13:46:11	14.96	51.69	34.00	7.79	8.01	20.1	2.894	95.1	4.6	1.9	1.1
388	7/15/2014 14:01:11	14.60	51.55	33.89	7.97	8.02	18.4	2.995	96.5	5.4	2.3	1.3
389	7/15/2014 14:16:12	14.30	51.43	33.79	8.07	8.03	17.1	3.098	97.1	5.5	2.3	1.3
390	7/15/2014 14:31:11	13.93	51.39	33.75	8.10	8.03	17.3	3.198	96.7	6.0	2.5	1.4
391	7/15/2014 14:46:11	13.53	51.46	33.79	8.18	8.03	14.8	3.287	96.9	5.8	2.4	1.4
392	7/15/2014 15:01:12	13.03	51.41	33.73	8.24	8.03	11.0	3.375	96.6	5.6	2.4	1.3
393	7/15/2014 15:16:12	12.76	51.49	33.78	8.22	8.03	7.6	3.432	95.8	5.9	2.5	1.4
394	7/15/2014 15:31:11	12.61	51.35	33.67	8.27	8.03	5.6	3.481	96.0	6.1	2.6	1.4
395	7/15/2014 15:46:11	12.68	51.42	33.72	8.13	8.02	3.7	3.513	94.6	5.8	2.4	1.4
396	7/15/2014 16:01:11	13.26	51.31	33.67	8.15	8.03	7.2	3.503	95.9	5.4	2.3	1.3
397	7/15/2014 16:16:11	12.85	51.42	33.73	8.16	8.03	6.8	3.466	95.3	4.7	2.0	1.1
398	7/15/2014 16:31:12	12.78	51.37	33.69	8.15	8.03	5.7	3.413	95.0	4.2	1.8	1.0
399	7/15/2014 16:46:11	14.04	51.38	33.75	8.39	8.06	7.6	3.341	100.3	4.6	1.9	1.1
400	7/15/2014 17:01:12	14.21	51.53	33.86	8.37	8.06	9.7	3.239	100.6	5.0	2.1	1.2
401	7/15/2014 17:16:11	14.72	51.40	33.78	8.55	8.07	8.3	3.120	103.7	4.2	1.8	1.0
402	7/15/2014 17:31:11	15.04	51.60	33.94	8.26	8.05	10.4	3.012	101.0	3.8	1.6	0.9
403	7/15/2014 17:46:12	15.37	51.63	33.97	8.18	8.05	11.9	2.907	100.7	4.5	1.9	1.0
404	7/15/2014 18:01:11	15.80	51.66	34.00	8.08	8.04	12.5	2.789	100.3	3.9	1.6	0.9
405	7/15/2014 18:16:11	16.47	51.84	34.14	8.05	8.04	11.9	2.685	101.3	4.1	1.7	1.0
406	7/15/2014 18:31:11	16.91	51.91	34.20	7.95	8.03	11.2	2.578	100.9	3.1	1.3	0.7
407	7/15/2014 18:46:11	17.24	51.70	34.05	7.86	8.03	12.6	2.486	100.3	3.7	1.6	0.9
408	7/15/2014 19:01:11	17.11	51.82	34.14	7.86	8.03	10.2	2.374	100.1	3.3	1.4	0.8
409	7/15/2014 19:16:11	17.13	51.92	34.21	7.92	8.03	9.5	2.272	101.0	2.8	1.2	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
410	7/15/2014 19:31:11	16.83	51.88	34.17	7.95	8.03	9.5	2.182	100.8	3.1	1.3	0.7
411	7/15/2014 19:46:11	16.76	51.84	34.15	7.98	8.03	8.7	2.079	101.0	3.4	1.4	0.8
412	7/15/2014 20:01:11	16.89	52.01	34.27	8.03	8.04	9.0	1.991	102.0	3.5	1.5	0.8
413	7/15/2014 20:16:11	17.16	51.95	34.23	8.04	8.04	8.1	1.918	102.6	3.4	1.4	0.8
414	7/15/2014 20:31:11	17.17	51.98	34.26	7.99	8.04	8.3	1.849	102.1	2.7	1.1	0.6
415	7/15/2014 20:46:11	17.36	52.11	34.35	7.96	8.05	7.8	1.786	102.1	2.9	1.2	0.7
416	7/15/2014 21:01:11	17.83	52.24	34.46	8.01	8.06	6.9	1.748	103.6	2.6	1.1	0.6
417	7/15/2014 21:16:11	18.15	52.35	34.53	7.94	8.06	5.7	1.748	103.4	2.9	1.2	0.7
418	7/15/2014 21:31:11	18.37	52.29	34.50	7.66	8.04	4.5	1.734	100.1	2.9	1.2	0.7
419	7/15/2014 21:46:11	18.62	52.33	34.53	8.02	8.06	5.7	1.782	105.5	3.0	1.3	0.7
420	7/15/2014 22:01:10	18.33	52.25	34.47	7.98	8.05	7.5	1.831	104.2	3.5	1.5	0.8
421	7/15/2014 22:16:11	18.41	52.27	34.48	7.94	8.04	7.9	1.881	104.0	3.3	1.4	0.8
422	7/15/2014 22:31:11	18.24	52.31	34.51	7.91	8.04	8.2	1.978	103.3	3.1	1.3	0.7
423	7/15/2014 22:46:11	18.28	52.09	34.35	7.60	8.00	12.9	2.059	99.2	3.9	1.6	0.9
424	7/15/2014 23:01:11	18.01	52.08	34.33	7.61	8.00	10.6	2.145	98.8	3.7	1.6	0.9
425	7/15/2014 23:16:11	17.76	52.05	34.31	7.66	8.00	9.2	2.246	99.0	3.8	1.6	0.9
426	7/15/2014 23:31:11	17.69	52.11	34.36	7.68	8.01	9.2	2.328	99.0	3.5	1.5	0.8
427	7/15/2014 23:46:11	17.17	52.08	34.33	7.66	8.00	9.1	2.409	97.8	3.7	1.6	0.9
428	7/16/2014 0:01:11	16.73	51.94	34.22	7.62	7.99	8.6	2.501	96.5	3.6	1.5	0.9
429	7/16/2014 0:16:11	16.59	51.97	34.24	7.60	7.99	9.1	2.584	96.0	3.8	1.6	0.9
430	7/16/2014 0:31:11	16.40	51.92	34.20	7.62	7.99	11.1	2.670	95.9	4.3	1.8	1.0
431	7/16/2014 0:46:11	15.96	51.75	34.07	7.73	8.00	10.9	2.750	96.3	4.5	1.9	1.1
432	7/16/2014 1:01:11	15.68	51.76	34.07	7.77	8.00	10.4	2.848	96.2	4.2	1.8	1.0
433	7/16/2014 1:16:11	15.52	51.72	34.04	7.80	8.00	11.6	2.937	96.3	4.6	1.9	1.1
434	7/16/2014 1:31:11	15.00	51.64	33.97	7.92	8.01	11.6	3.023	96.7	3.9	1.6	0.9
435	7/16/2014 1:46:11	14.49	51.56	33.89	8.01	8.02	9.7	3.111	96.8	4.6	1.9	1.1
436	7/16/2014 2:01:11	13.83	51.52	33.84	8.18	8.02	9.2	3.206	97.6	5.5	2.3	1.3
437	7/16/2014 2:16:11	13.50	51.50	33.82	8.27	8.03	9.3	3.281	97.9	5.3	2.2	1.3
438	7/16/2014 2:31:11	13.36	51.41	33.74	8.31	8.04	7.2	3.346	98.0	6.1	2.6	1.4
439	7/16/2014 2:46:11	13.28	51.59	33.87	8.32	8.04	6.4	3.408	98.0	6.2	2.6	1.5
440	7/16/2014 3:01:11	13.14	51.52	33.81	8.36	8.05	4.2	3.457	98.2	6.4	2.7	1.5
441	7/16/2014 3:16:11	13.13	51.45	33.76	8.25	8.04	4.6	3.476	96.8	4.7	2.0	1.1
442	7/16/2014 3:31:11	14.27	51.61	33.92	7.62	8.01	6.1	3.487	91.6	4.3	1.8	1.0
443	7/16/2014 3:46:11	13.41	51.38	33.72	8.12	8.03	5.6	3.477	95.9	4.3	1.8	1.0
444	7/16/2014 4:01:11	13.82	51.42	33.77	7.95	8.02	6.4	3.430	94.7	3.7	1.6	0.9
445	7/16/2014 4:16:12	13.42	51.46	33.78	8.16	8.03	5.1	3.372	96.5	4.5	1.9	1.1
446	7/16/2014 4:31:11	13.87	51.46	33.80	7.92	8.02	8.7	3.271	94.5	4.3	1.8	1.0
447	7/16/2014 4:46:11	13.92	51.55	33.87	7.84	8.01	7.0	3.186	93.6	4.4	1.8	1.0
448	7/16/2014 5:01:12	14.52	51.48	33.84	7.71	8.00	7.9	3.086	93.2	5.8	2.4	1.4
449	7/16/2014 5:16:12	15.16	51.70	34.01	7.37	7.98	10.2	2.957	90.3	3.4	1.4	0.8
450	7/16/2014 5:31:12	15.77	51.71	34.03	7.06	7.96	10.1	2.845	87.6	3.4	1.4	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
451	7/16/2014 5:46:11	15.93	51.86	34.15	6.99	7.96	9.8	2.731	87.0	3.2	1.3	0.7
452	7/16/2014 6:01:11	16.39	51.98	34.24	6.77	7.95	10.0	2.613	85.2	2.9	1.2	0.7
453	7/16/2014 6:16:11	16.61	51.97	34.24	6.87	7.95	11.6	2.476	86.7	3.2	1.3	0.8
454	7/16/2014 6:31:12	16.63	52.10	34.34	6.37	7.91	11.1	2.346	80.6	2.8	1.2	0.7
455	7/16/2014 6:46:12	16.30	51.84	34.14	7.04	7.96	10.5	2.216	88.3	2.5	1.1	0.6
456	7/16/2014 7:01:12	15.90	51.88	34.16	7.13	7.96	9.1	2.095	88.8	2.1	0.9	0.5
457	7/16/2014 7:16:11	16.02	51.96	34.22	7.10	7.96	9.0	1.942	88.6	2.3	1.0	0.5
458	7/16/2014 7:31:11	16.18	51.82	34.12	7.07	7.96	9.2	1.802	88.4	2.4	1.0	0.6
459	7/16/2014 7:46:11	16.44	51.93	34.21	6.98	7.95	9.2	1.676	87.9	2.9	1.2	0.7
460	7/16/2014 8:01:12	16.44	51.94	34.21	6.96	7.95	8.1	1.551	87.5	2.3	1.0	0.5
461	7/16/2014 8:16:11	16.75	52.02	34.28	6.86	7.94	8.0	1.407	86.9	2.6	1.1	0.6
462	7/16/2014 8:31:11	16.87	51.95	34.23	6.85	7.94	7.6	1.289	86.9	2.3	1.0	0.5
463	7/16/2014 8:46:12	17.05	52.14	34.37	6.78	7.94	8.1	1.205	86.4	2.0	0.8	0.5
464	7/16/2014 9:01:11	17.07	51.99	34.26	6.73	7.94	6.7	1.136	85.8	2.3	1.0	0.5
465	7/16/2014 9:16:11	17.35	52.22	34.43	6.67	7.93	6.7	1.065	85.5	2.7	1.1	0.6
466	7/16/2014 9:31:11	17.47	52.19	34.41	6.56	7.93	5.3	1.063	84.3	1.6	0.7	0.4
467	7/16/2014 9:46:11	17.49	52.16	34.39	6.64	7.92	6.8	1.101	85.4	2.6	1.1	0.6
468	7/16/2014 10:01:11	17.60	52.23	34.44	6.60	7.93	6.0	1.151	85.1	2.7	1.1	0.6
469	7/16/2014 10:16:11	17.98	52.38	34.56	6.49	7.93	6.1	1.210	84.3	2.3	1.0	0.5
470	7/16/2014 10:31:11	18.15	52.40	34.57	6.47	7.93	5.4	1.310	84.2	2.3	1.0	0.5
471	7/16/2014 10:46:11	18.15	52.27	34.47	6.47	7.93	5.4	1.428	84.3	2.2	0.9	0.5
472	7/16/2014 11:01:11	18.20	52.31	34.51	6.42	7.92	6.7	1.508	83.7	2.0	0.8	0.5
473	7/16/2014 11:16:11	18.21	52.31	34.51	6.43	7.92	6.9	1.610	83.9	2.6	1.1	0.6
474	7/16/2014 11:31:11	17.96	52.27	34.48	6.58	7.93	6.1	1.706	85.4	2.0	0.8	0.5
475	7/16/2014 11:46:11	17.68	52.22	34.43	6.70	7.93	6.7	1.830	86.5	3.0	1.3	0.7
476	7/16/2014 12:01:11	17.65	52.26	34.47	6.70	7.93	7.2	1.932	86.4	2.8	1.2	0.7
477	7/16/2014 12:16:11	17.65	52.14	34.38	6.64	7.93	7.7	2.028	85.6	2.7	1.1	0.6
478	7/16/2014 12:31:11	17.43	52.07	34.32	6.74	7.94	7.9	2.138	86.5	2.5	1.1	0.6
479	7/16/2014 12:46:11	17.33	52.09	34.34	6.83	7.94	9.5	2.259	87.5	2.6	1.1	0.6
480	7/16/2014 13:01:11	17.13	51.99	34.26	6.91	7.94	12.2	2.366	88.1	3.3	1.4	0.8
481	7/16/2014 13:16:11	16.90	51.95	34.23	7.00	7.94	11.9	2.456	88.9	3.0	1.3	0.7
482	7/16/2014 13:31:11	16.67	51.84	34.14	7.10	7.95	13.7	2.572	89.7	2.8	1.2	0.7
483	7/16/2014 13:46:11	16.35	51.87	34.16	7.19	7.95	14.7	2.683	90.3	3.1	1.3	0.7
484	7/16/2014 14:01:11	15.91	51.74	34.06	7.38	7.97	15.8	2.786	91.9	3.8	1.6	0.9
485	7/16/2014 14:16:11	15.15	51.51	33.88	7.79	7.99	15.8	2.889	95.3	4.5	1.9	1.1
486	7/16/2014 14:31:11	14.73	51.63	33.95	7.98	8.01	13.4	2.992	97.0	5.0	2.1	1.2
487	7/16/2014 14:46:11	14.44	51.56	33.89	8.17	8.02	15.3	3.103	98.6	5.3	2.2	1.2
488	7/16/2014 15:01:11	14.27	51.49	33.83	8.30	8.03	14.1	3.199	99.8	6.9	2.9	1.6
489	7/16/2014 15:16:12	13.99	51.53	33.86	8.42	8.04	12.9	3.292	100.7	6.7	2.8	1.6
490	7/16/2014 15:31:12	13.59	51.31	33.68	8.66	8.06	11.6	3.377	102.7	7.8	3.3	1.8
491	7/16/2014 15:46:11	13.33	51.36	33.71	8.84	8.08	8.6	3.456	104.2	9.3	3.9	2.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
492	7/16/2014 16:01:11	13.08	51.37	33.70	9.00	8.09	5.7	3.515	105.5	10.7	4.5	2.5
493	7/16/2014 16:16:11	13.05	51.43	33.74	8.96	8.09	5.1	3.545	105.0	7.9	3.3	1.9
494	7/16/2014 16:31:12	13.47	51.41	33.75	8.50	8.06	5.1	3.576	100.5	6.0	2.5	1.4
495	7/16/2014 16:46:12	13.68	51.30	33.67	8.57	8.07	6.1	3.566	101.8	5.5	2.3	1.3
496	7/16/2014 17:01:11	13.47	51.21	33.60	8.67	8.07	6.1	3.534	102.4	6.9	2.9	1.6
497	7/16/2014 17:16:12	13.83	51.36	33.72	8.54	8.07	6.5	3.466	101.7	6.4	2.7	1.5
498	7/16/2014 17:31:12	14.18	51.34	33.72	8.37	8.05	9.9	3.383	100.4	6.5	2.7	1.5
499	7/16/2014 17:46:11	14.57	51.56	33.89	8.26	8.05	7.6	3.296	100.0	6.5	2.7	1.5
500	7/16/2014 18:01:12	14.39	51.39	33.76	8.48	8.06	7.8	3.182	102.2	6.9	2.9	1.6
501	7/16/2014 18:16:11	15.33	51.63	33.96	8.03	8.03	10.1	3.071	98.8	4.8	2.0	1.1
502	7/16/2014 18:31:11	15.12	51.66	33.98	8.17	8.04	10.3	2.966	100.0	4.5	1.9	1.1
503	7/16/2014 18:46:12	15.19	51.51	33.87	8.09	8.03	10.5	2.852	99.1	4.9	2.1	1.1
504	7/16/2014 19:01:11	15.72	51.77	34.08	7.83	8.02	11.2	2.755	97.1	4.4	1.8	1.0
505	7/16/2014 19:16:11	16.10	51.81	34.11	7.60	8.00	10.2	2.652	94.9	4.0	1.7	0.9
506	7/16/2014 19:31:12	16.54	51.73	34.06	7.37	7.98	10.4	2.552	92.8	3.6	1.5	0.8
507	7/16/2014 19:46:11	16.50	51.91	34.20	7.30	7.97	9.5	2.445	92.0	3.7	1.6	0.9
508	7/16/2014 20:01:11	16.30	51.82	34.12	7.30	7.97	9.4	2.343	91.6	2.8	1.2	0.7
509	7/16/2014 20:16:11	16.36	51.85	34.15	7.31	7.97	9.1	2.256	91.8	3.5	1.5	0.8
510	7/16/2014 20:31:11	15.74	51.46	33.85	7.58	7.99	8.7	2.147	93.9	4.4	1.8	1.0
511	7/16/2014 20:46:11	16.04	51.92	34.19	7.40	7.98	8.4	2.056	92.4	4.1	1.7	1.0
512	7/16/2014 21:01:11	16.27	51.90	34.18	7.35	7.98	8.3	1.974	92.1	5.9	2.5	1.4
513	7/16/2014 21:16:11	16.63	51.95	34.22	7.25	7.97	7.6	1.896	91.6	6.9	2.9	1.6
514	7/16/2014 21:31:11	16.86	51.98	34.25	7.19	7.97	7.2	1.829	91.2	3.9	1.6	0.9
515	7/16/2014 21:46:11	17.17	52.05	34.30	7.18	7.97	7.3	1.763	91.6	3.1	1.3	0.7
516	7/16/2014 22:01:11	17.40	52.11	34.36	7.12	7.98	6.7	1.742	91.3	3.1	1.3	0.7
517	7/16/2014 22:16:11	18.00	52.17	34.41	7.18	7.99	5.4	1.724	93.1	3.6	1.5	0.8
518	7/16/2014 22:31:11	18.39	52.30	34.50	7.09	7.99	4.6	1.716	92.7	3.8	1.6	0.9
519	7/16/2014 22:46:11	18.49	52.25	34.46	7.31	8.00	5.6	1.750	95.8	4.0	1.7	0.9
520	7/16/2014 23:01:11	18.23	52.23	34.45	7.29	7.99	6.0	1.795	95.0	3.4	1.4	0.8
521	7/16/2014 23:16:11	18.35	52.30	34.50	7.27	7.99	7.5	1.861	95.0	2.9	1.2	0.7
522	7/16/2014 23:31:11	18.15	52.18	34.41	7.24	7.98	7.2	1.927	94.2	3.4	1.4	0.8
523	7/16/2014 23:46:11	18.10	52.21	34.43	7.02	7.96	9.2	2.015	91.4	4.3	1.8	1.0
524	7/17/2014 0:01:11	17.90	52.20	34.43	7.00	7.95	9.9	2.104	90.7	4.0	1.7	0.9
525	7/17/2014 0:16:11	17.65	52.04	34.30	7.03	7.95	8.4	2.191	90.6	4.2	1.8	1.0
526	7/17/2014 0:31:11	17.54	52.03	34.30	7.05	7.95	7.9	2.269	90.7	4.2	1.8	1.0
527	7/17/2014 0:46:11	17.05	51.95	34.23	7.16	7.96	7.8	2.351	91.2	3.7	1.6	0.9
528	7/17/2014 1:01:11	16.64	51.95	34.23	7.21	7.95	8.1	2.431	91.1	4.3	1.8	1.0
529	7/17/2014 1:16:11	16.38	51.94	34.22	7.26	7.96	7.2	2.505	91.3	4.2	1.8	1.0
530	7/17/2014 1:31:11	16.28	51.90	34.19	7.30	7.96	7.5	2.589	91.5	4.7	2.0	1.1
531	7/17/2014 1:46:11	16.02	51.77	34.08	7.37	7.96	8.5	2.660	91.9	3.8	1.6	0.9
532	7/17/2014 2:01:12	15.69	51.75	34.06	7.48	7.97	8.9	2.741	92.6	4.9	2.1	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
533	7/17/2014 2:16:11	15.52	51.74	34.05	7.54	7.98	8.8	2.823	93.1	4.7	2.0	1.1
534	7/17/2014 2:31:11	15.41	51.66	33.99	7.59	7.98	9.3	2.899	93.5	4.9	2.1	1.1
535	7/17/2014 2:46:11	14.97	51.69	34.00	7.76	7.99	9.2	2.983	94.8	4.9	2.1	1.2
536	7/17/2014 3:01:11	14.56	51.60	33.92	7.94	8.01	8.3	3.059	96.1	5.6	2.4	1.3
537	7/17/2014 3:16:12	14.25	51.55	33.87	8.05	8.02	7.9	3.136	96.8	6.5	2.7	1.5
538	7/17/2014 3:31:12	13.96	51.55	33.87	8.14	8.03	7.6	3.196	97.3	6.4	2.7	1.5
539	7/17/2014 3:46:11	13.72	51.54	33.85	8.25	8.04	5.8	3.244	98.1	6.7	2.8	1.6
540	7/17/2014 4:01:11	13.65	51.51	33.83	8.29	8.04	5.2	3.286	98.5	5.6	2.4	1.3
541	7/17/2014 4:16:11	13.92	51.42	33.77	7.91	8.01	4.6	3.309	94.4	5.3	2.2	1.2
542	7/17/2014 4:31:11	14.18	51.77	34.04	7.59	8.00	6.4	3.312	91.3	5.3	2.2	1.2
543	7/17/2014 4:46:11	14.10	51.34	33.72	7.88	8.01	4.8	3.285	94.4	4.6	1.9	1.1
544	7/17/2014 5:01:11	13.81	51.42	33.77	8.09	8.03	5.3	3.250	96.3	5.2	2.2	1.2
545	7/17/2014 5:16:11	14.15	51.38	33.75	7.92	8.01	6.6	3.178	95.0	4.6	1.9	1.1
546	7/17/2014 5:31:12	14.48	51.61	33.93	7.64	7.99	8.3	3.104	92.3	4.9	2.1	1.2
547	7/17/2014 5:46:12	14.52	51.48	33.84	7.57	7.99	8.6	3.014	91.5	4.0	1.7	0.9
548	7/17/2014 6:01:12	14.69	51.66	33.97	7.49	7.98	10.0	2.911	90.9	4.4	1.8	1.0
549	7/17/2014 6:16:12	15.26	51.73	34.04	7.22	7.96	9.9	2.814	88.7	3.9	1.6	0.9
550	7/17/2014 6:31:12	15.71	51.84	34.13	6.89	7.94	9.7	2.712	85.5	3.1	1.3	0.7
551	7/17/2014 6:46:11	16.21	51.77	34.09	6.61	7.92	9.2	2.598	82.7	3.6	1.5	0.9
552	7/17/2014 7:01:11	16.73	51.99	34.26	6.28	7.89	9.0	2.497	79.4	2.9	1.2	0.7
553	7/17/2014 7:16:11	16.93	51.96	34.23	6.09	7.88	8.6	2.396	77.4	2.7	1.1	0.6
554	7/17/2014 7:31:11	16.75	52.04	34.30	6.11	7.88	8.6	2.279	77.4	2.5	1.1	0.6
555	7/17/2014 7:46:11	16.75	51.98	34.25	6.10	7.87	8.7	2.162	77.3	2.1	0.9	0.5
556	7/17/2014 8:01:11	16.56	51.91	34.20	6.43	7.89	8.2	2.060	81.1	2.5	1.1	0.6
557	7/17/2014 8:16:11	16.54	51.97	34.24	6.57	7.91	8.0	1.936	82.9	3.0	1.3	0.7
558	7/17/2014 8:31:11	16.58	52.06	34.30	6.62	7.91	8.4	1.815	83.5	2.6	1.1	0.6
559	7/17/2014 8:46:11	16.68	51.91	34.20	6.64	7.92	7.2	1.721	83.9	2.5	1.1	0.6
560	7/17/2014 9:01:11	16.88	52.04	34.29	6.52	7.91	7.0	1.624	82.8	2.6	1.1	0.6
561	7/17/2014 9:16:11	16.95	52.00	34.27	6.53	7.91	6.6	1.526	83.0	2.6	1.1	0.6
562	7/17/2014 9:31:12	17.12	52.17	34.40	6.41	7.90	7.0	1.448	81.8	2.3	1.0	0.5
563	7/17/2014 9:46:11	17.20	52.13	34.36	6.41	7.90	5.9	1.396	81.9	2.9	1.2	0.7
564	7/17/2014 10:01:11	17.19	52.09	34.34	6.31	7.90	5.7	1.359	80.7	2.4	1.0	0.6
565	7/17/2014 10:16:11	17.35	52.09	34.34	6.28	7.90	4.4	1.333	80.5	1.6	0.7	0.4
566	7/17/2014 10:31:11	17.28	52.10	34.34	6.34	7.89	5.5	1.343	81.1	2.1	0.9	0.5
567	7/17/2014 10:46:11	17.33	52.13	34.37	6.37	7.90	5.1	1.392	81.6	2.2	0.9	0.5
568	7/17/2014 11:01:11	17.58	52.20	34.42	6.24	7.89	5.4	1.432	80.4	2.5	1.1	0.6
569	7/17/2014 11:16:11	17.92	52.32	34.51	6.14	7.89	4.7	1.498	79.6	2.3	1.0	0.5
570	7/17/2014 11:31:11	17.83	52.15	34.39	6.17	7.89	5.0	1.600	79.8	2.2	0.9	0.5
571	7/17/2014 11:46:11	17.75	52.29	34.49	6.17	7.89	5.3	1.685	79.7	2.3	1.0	0.5
572	7/17/2014 12:01:11	17.55	52.12	34.37	6.27	7.89	6.3	1.782	80.6	2.5	1.1	0.6
573	7/17/2014 12:16:11	17.25	52.16	34.39	6.42	7.90	6.7	1.878	82.2	2.9	1.2	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
574	7/17/2014 12:31:11	17.25	52.12	34.36	6.45	7.90	6.5	1.969	82.5	2.7	1.1	0.6
575	7/17/2014 12:46:11	17.34	52.10	34.34	6.42	7.90	6.6	2.065	82.3	2.8	1.2	0.7
576	7/17/2014 13:01:11	17.29	52.06	34.31	6.42	7.90	6.4	2.159	82.2	3.0	1.3	0.7
577	7/17/2014 13:16:11	17.03	51.98	34.25	6.55	7.91	7.2	2.248	83.3	2.6	1.1	0.6
578	7/17/2014 13:31:11	16.85	51.98	34.25	6.66	7.91	7.5	2.347	84.4	3.0	1.3	0.7
579	7/17/2014 13:46:11	16.64	52.00	34.26	6.77	7.92	8.4	2.446	85.5	3.4	1.4	0.8
580	7/17/2014 14:01:11	16.36	51.88	34.17	6.91	7.93	10.1	2.538	86.8	3.7	1.6	0.9
581	7/17/2014 14:16:12	16.22	51.83	34.13	7.05	7.94	11.1	2.638	88.2	3.2	1.3	0.8
582	7/17/2014 14:31:12	16.01	51.85	34.14	7.15	7.95	12.3	2.738	89.2	3.8	1.6	0.9
583	7/17/2014 14:46:11	15.61	51.56	33.92	7.45	7.97	12.2	2.837	92.0	4.6	1.9	1.1
584	7/17/2014 15:01:11	15.23	51.55	33.90	7.73	7.99	12.0	2.937	94.9	4.8	2.0	1.1
585	7/17/2014 15:16:11	14.78	51.58	33.92	8.09	8.02	12.8	3.042	98.3	6.8	2.9	1.6
586	7/17/2014 15:31:11	14.44	51.41	33.78	8.44	8.04	12.5	3.144	101.8	8.2	3.4	1.9
587	7/17/2014 15:46:11	14.27	51.25	33.66	8.65	8.06	13.5	3.239	103.9	8.8	3.7	2.1
588	7/17/2014 16:01:12	14.01	51.48	33.82	8.92	8.08	11.0	3.330	106.8	9.6	4.0	2.3
589	7/17/2014 16:16:12	13.87	51.27	33.66	9.04	8.09	10.3	3.414	107.7	10.3	4.3	2.4
590	7/17/2014 16:31:11	13.75	51.35	33.71	9.22	8.11	8.2	3.479	109.6	11.1	4.7	2.6
591	7/17/2014 16:46:12	13.73	51.21	33.61	9.40	8.12	4.8	3.535	111.7	9.6	4.0	2.3
592	7/17/2014 17:01:11	13.70	51.35	33.71	9.46	8.14	4.3	3.571	112.4	10.3	4.3	2.4
593	7/17/2014 17:16:11	14.26	51.25	33.66	9.09	8.11	4.8	3.594	109.2	10.4	4.4	2.4
594	7/17/2014 17:31:12	14.04	51.52	33.85	8.82	8.09	5.8	3.587	105.6	8.7	3.7	2.1
595	7/17/2014 17:46:12	14.25	51.31	33.70	8.89	8.09	5.4	3.558	106.8	5.6	2.4	1.3
596	7/17/2014 18:01:11	13.75	51.33	33.70	9.42	8.13	5.3	3.512	112.0	8.3	3.5	1.9
597	7/17/2014 18:16:12	14.27	51.36	33.74	9.19	8.11	6.4	3.443	110.5	7.8	3.3	1.8
598	7/17/2014 18:31:12	14.74	51.44	33.81	9.02	8.10	6.8	3.348	109.4	6.8	2.9	1.6
599	7/17/2014 18:46:12	14.41	51.42	33.78	9.13	8.11	7.2	3.258	110.1	7.8	3.3	1.8
600	7/17/2014 19:01:11	14.75	51.31	33.72	8.86	8.09	7.3	3.166	107.5	7.1	3.0	1.7
601	7/17/2014 19:16:12	15.49	51.53	33.90	8.56	8.07	9.8	3.047	105.6	6.9	2.9	1.6
602	7/17/2014 19:31:12	15.45	51.53	33.90	8.56	8.07	9.6	2.940	105.4	7.1	3.0	1.7
603	7/17/2014 19:46:12	15.70	51.54	33.90	8.42	8.05	9.4	2.839	104.2	5.8	2.4	1.4
604	7/17/2014 20:01:11	16.25	51.70	34.03	8.11	8.04	10.0	2.743	101.6	4.7	2.0	1.1
605	7/17/2014 20:16:11	16.30	51.81	34.12	7.82	8.01	9.7	2.636	98.1	4.1	1.7	1.0
606	7/17/2014 20:31:11	16.93	51.86	34.16	7.57	7.99	9.8	2.548	96.1	3.4	1.4	0.8
607	7/17/2014 20:46:11	17.10	51.86	34.16	7.41	7.98	9.9	2.436	94.4	3.5	1.5	0.8
608	7/17/2014 21:01:11	16.75	51.84	34.15	7.55	7.99	9.7	2.345	95.5	3.4	1.4	0.8
609	7/17/2014 21:16:11	16.53	51.84	34.14	7.67	7.99	9.3	2.261	96.6	3.9	1.6	0.9
610	7/17/2014 21:31:11	16.30	51.96	34.23	7.62	7.99	8.8	2.153	95.6	4.1	1.7	1.0
611	7/17/2014 21:46:11	16.16	51.92	34.19	7.64	7.99	9.9	2.060	95.6	4.0	1.7	0.9
612	7/17/2014 22:01:11	16.74	51.98	34.25	7.55	7.99	9.0	1.994	95.5	3.7	1.6	0.9
613	7/17/2014 22:16:11	16.83	51.88	34.18	7.48	7.99	8.9	1.913	94.8	3.8	1.6	0.9
614	7/17/2014 22:31:11	17.08	51.91	34.20	7.45	7.99	8.1	1.830	94.9	3.5	1.5	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
615	7/17/2014 22:46:11	17.29	51.92	34.21	7.37	7.99	8.1	1.775	94.3	3.2	1.3	0.8
616	7/17/2014 23:01:11	17.72	52.14	34.38	7.41	8.00	6.8	1.741	95.6	2.9	1.2	0.7
617	7/17/2014 23:16:11	18.13	52.11	34.36	7.50	8.01	5.9	1.721	97.5	3.1	1.3	0.7
618	7/17/2014 23:31:11	18.41	52.23	34.45	7.42	8.02	5.1	1.696	97.1	2.6	1.1	0.6
619	7/17/2014 23:46:11	18.44	52.17	34.41	7.52	8.02	4.5	1.712	98.4	3.0	1.3	0.7
620	7/18/2014 0:01:11	18.38	52.17	34.40	7.59	8.02	5.1	1.766	99.2	2.9	1.2	0.7
621	7/18/2014 0:16:11	18.37	52.26	34.47	7.53	8.01	6.3	1.800	98.5	3.1	1.3	0.7
622	7/18/2014 0:31:11	18.23	52.26	34.47	7.55	8.01	6.5	1.861	98.4	3.2	1.3	0.7
623	7/18/2014 0:46:11	18.07	52.26	34.47	7.51	8.00	7.0	1.944	97.7	2.9	1.2	0.7
624	7/18/2014 1:01:11	18.20	52.13	34.38	7.10	7.95	10.0	2.025	92.5	4.0	1.7	1.0
625	7/18/2014 1:16:11	17.90	52.12	34.37	7.19	7.96	8.2	2.094	93.2	4.0	1.7	0.9
626	7/18/2014 1:31:11	17.79	52.10	34.35	7.20	7.96	7.8	2.167	93.1	3.7	1.6	0.9
627	7/18/2014 1:46:11	17.73	52.05	34.31	7.21	7.96	7.6	2.249	93.0	4.0	1.7	0.9
628	7/18/2014 2:01:11	17.37	52.06	34.32	7.34	7.97	7.5	2.319	94.0	3.3	1.4	0.8
629	7/18/2014 2:16:11	17.01	51.95	34.23	7.37	7.97	6.9	2.393	93.8	4.1	1.7	1.0
630	7/18/2014 2:31:11	16.70	51.87	34.16	7.37	7.96	6.1	2.453	93.1	4.0	1.7	0.9
631	7/18/2014 2:46:11	16.62	51.90	34.19	7.35	7.96	7.3	2.528	92.8	4.3	1.8	1.0
632	7/18/2014 3:01:11	16.49	51.84	34.14	7.40	7.96	6.7	2.607	93.2	4.0	1.7	0.9
633	7/18/2014 3:16:11	16.21	51.79	34.10	7.52	7.97	6.5	2.665	94.2	4.4	1.8	1.0
634	7/18/2014 3:31:12	16.02	51.81	34.11	7.61	7.98	7.3	2.735	94.9	5.1	2.1	1.2
635	7/18/2014 3:46:11	15.88	51.65	33.99	7.69	7.99	7.1	2.808	95.6	5.2	2.2	1.2
636	7/18/2014 4:01:11	15.77	51.63	33.98	7.75	7.99	7.1	2.870	96.1	5.3	2.2	1.2
637	7/18/2014 4:16:12	15.48	51.59	33.94	7.92	8.01	7.0	2.928	97.7	5.0	2.1	1.2
638	7/18/2014 4:31:11	15.27	51.46	33.84	8.04	8.02	6.1	2.983	98.7	6.4	2.7	1.5
639	7/18/2014 4:46:11	15.01	51.60	33.94	8.22	8.04	6.1	3.032	100.5	6.8	2.9	1.6
640	7/18/2014 5:01:11	14.87	51.54	33.89	8.33	8.05	5.3	3.060	101.4	7.9	3.3	1.9
641	7/18/2014 5:16:11	15.99	51.88	34.17	6.84	7.92	8.5	3.085	85.3	4.1	1.7	1.0
642	7/18/2014 5:31:11	16.30	51.89	34.17	6.56	7.87	10.6	3.098	82.2	3.9	1.6	0.9
643	7/18/2014 5:46:11	15.44	51.67	34.00	7.56	7.99	5.9	3.084	93.2	3.7	1.6	0.9
644	7/18/2014 6:01:12	15.55	51.78	34.08	7.50	7.99	6.7	3.055	92.7	4.1	1.7	1.0
645	7/18/2014 6:16:11	15.34	51.58	33.93	7.75	8.00	6.1	3.011	95.2	4.5	1.9	1.1
646	7/18/2014 6:31:11	16.00	51.68	34.02	7.09	7.94	8.6	2.949	88.3	3.9	1.6	0.9
647	7/18/2014 6:46:11	16.62	52.03	34.28	6.13	7.85	10.5	2.876	77.4	3.7	1.6	0.9
648	7/18/2014 7:01:11	15.83	51.69	34.02	6.96	7.93	9.2	2.794	86.5	3.7	1.6	0.9
649	7/18/2014 7:16:11	16.08	51.55	33.92	7.17	7.95	8.1	2.704	89.4	3.6	1.5	0.8
650	7/18/2014 7:31:11	16.32	51.79	34.10	6.88	7.92	8.4	2.615	86.2	3.2	1.3	0.7
651	7/18/2014 7:46:11	16.53	51.93	34.21	6.52	7.90	7.8	2.532	82.2	3.3	1.4	0.8
652	7/18/2014 8:01:11	16.77	52.01	34.28	6.33	7.89	7.5	2.436	80.2	3.1	1.3	0.7
653	7/18/2014 8:16:11	16.88	51.98	34.25	6.16	7.87	8.3	2.354	78.1	2.9	1.2	0.7
654	7/18/2014 8:31:11	16.96	52.06	34.31	6.32	7.89	8.3	2.267	80.3	2.4	1.0	0.6
655	7/18/2014 8:46:11	17.02	51.89	34.18	6.42	7.90	7.6	2.170	81.7	2.9	1.2	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
656	7/18/2014 9:01:11	17.03	51.95	34.23	6.51	7.90	6.8	2.083	82.8	2.5	1.1	0.6
657	7/18/2014 9:16:11	17.00	52.01	34.28	6.52	7.90	6.8	1.997	83.0	2.9	1.2	0.7
658	7/18/2014 9:31:11	17.02	52.04	34.30	6.59	7.90	6.5	1.922	83.9	2.6	1.1	0.6
659	7/18/2014 9:46:11	16.96	51.89	34.19	6.69	7.91	6.6	1.828	85.0	2.6	1.1	0.6
660	7/18/2014 10:01:11	17.02	52.05	34.30	6.76	7.92	6.3	1.753	86.0	2.8	1.2	0.7
661	7/18/2014 10:16:11	17.10	52.07	34.32	6.81	7.92	5.9	1.705	86.9	2.5	1.1	0.6
662	7/18/2014 10:31:11	17.10	52.04	34.30	6.85	7.93	5.3	1.659	87.4	2.6	1.1	0.6
663	7/18/2014 10:46:11	17.28	51.99	34.26	6.87	7.94	4.8	1.599	87.8	2.7	1.1	0.6
664	7/18/2014 11:01:11	17.40	52.01	34.28	6.79	7.93	4.0	1.607	87.0	1.7	0.7	0.4
665	7/18/2014 11:16:11	17.33	52.11	34.35	6.87	7.93	5.4	1.613	88.1	2.4	1.0	0.6
666	7/18/2014 11:31:11	17.50	52.13	34.37	6.79	7.93	5.1	1.613	87.3	2.5	1.1	0.6
667	7/18/2014 11:46:11	17.54	52.20	34.42	6.73	7.92	4.8	1.654	86.7	2.1	0.9	0.5
668	7/18/2014 12:01:11	17.84	52.03	34.30	6.61	7.92	4.5	1.720	85.5	2.6	1.1	0.6
669	7/18/2014 12:16:11	17.84	52.13	34.37	6.61	7.92	4.7	1.783	85.6	1.8	0.8	0.4
670	7/18/2014 12:31:11	17.75	52.21	34.43	6.65	7.92	5.0	1.864	85.9	2.7	1.1	0.6
671	7/18/2014 12:46:11	17.63	52.05	34.31	6.69	7.92	6.1	1.948	86.2	2.8	1.2	0.7
672	7/18/2014 13:01:11	17.48	52.04	34.30	6.76	7.92	5.9	2.028	86.8	2.8	1.2	0.7
673	7/18/2014 13:16:11	17.44	52.03	34.29	6.83	7.92	6.2	2.115	87.7	3.2	1.3	0.8
674	7/18/2014 13:31:11	17.40	52.04	34.30	6.84	7.92	6.8	2.195	87.8	3.7	1.6	0.9
675	7/18/2014 13:46:12	17.31	52.10	34.34	6.82	7.92	6.5	2.271	87.4	3.7	1.6	0.9
676	7/18/2014 14:01:11	17.06	51.87	34.18	6.94	7.93	6.7	2.364	88.4	3.3	1.4	0.8
677	7/18/2014 14:16:11	16.91	51.81	34.12	7.01	7.93	7.5	2.452	89.0	3.8	1.6	0.9
678	7/18/2014 14:31:11	16.73	51.87	34.16	7.15	7.94	8.0	2.529	90.5	4.1	1.7	1.0
679	7/18/2014 14:46:12	16.52	51.80	34.11	7.34	7.96	8.4	2.622	92.4	4.5	1.9	1.1
680	7/18/2014 15:01:11	16.38	51.80	34.11	7.48	7.97	9.3	2.704	94.0	4.4	1.8	1.0
681	7/18/2014 15:16:12	16.29	51.77	34.09	7.60	7.98	9.5	2.802	95.3	5.4	2.3	1.3
682	7/18/2014 15:31:11	15.91	51.48	33.87	7.93	8.01	11.5	2.891	98.5	5.6	2.4	1.3
683	7/18/2014 15:46:11	15.61	51.59	33.94	8.34	8.04	10.6	2.976	103.1	7.9	3.3	1.9
684	7/18/2014 16:01:11	15.38	51.48	33.86	8.60	8.06	11.5	3.077	105.7	7.8	3.3	1.8
685	7/18/2014 16:16:11	15.01	51.40	33.79	9.09	8.10	11.9	3.164	111.0	10.0	4.2	2.4
686	7/18/2014 16:31:11	14.74	51.37	33.76	9.55	8.14	12.1	3.254	115.9	12.1	5.1	2.8
687	7/18/2014 16:46:11	14.53	51.25	33.66	10.04	8.18	11.2	3.333	121.3	15.2	6.4	3.6
688	7/18/2014 17:01:12	14.34	51.32	33.71	10.45	8.21	8.6	3.409	125.7	16.1	6.8	3.8
689	7/18/2014 17:16:12	14.17	51.34	33.72	10.59	8.23	7.0	3.468	127.0	15.1	6.3	3.6
690	7/18/2014 17:31:12	14.15	51.12	33.56	10.62	8.23	5.1	3.522	127.1	16.3	6.8	3.8
691	7/18/2014 17:46:11	14.07	51.18	33.60	10.67	8.24	4.0	3.559	127.6	16.0	6.7	3.8
692	7/18/2014 18:01:11	14.08	51.22	33.63	10.52	8.22	3.4	3.576	125.9	12.4	5.2	2.9
693	7/18/2014 18:16:12	14.50	51.26	33.67	10.20	8.20	5.9	3.583	123.1	10.9	4.6	2.6
694	7/18/2014 18:31:12	14.42	51.38	33.76	10.23	8.21	5.2	3.557	123.4	11.4	4.8	2.7
695	7/18/2014 18:46:12	14.24	51.31	33.70	10.42	8.22	5.0	3.518	125.2	11.6	4.9	2.7
696	7/18/2014 19:01:11	14.58	51.19	33.62	10.31	8.21	6.4	3.462	124.6	11.0	4.6	2.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
697	7/18/2014 19:16:11	14.68	51.32	33.72	10.20	8.20	6.9	3.383	123.7	11.7	4.9	2.8
698	7/18/2014 19:31:11	15.22	51.29	33.71	9.84	8.17	10.1	3.298	120.5	9.8	4.1	2.3
699	7/18/2014 19:46:11	14.93	51.37	33.77	10.08	8.19	7.0	3.197	122.8	12.2	5.1	2.9
700	7/18/2014 20:01:12	15.97	51.53	33.90	9.25	8.12	9.4	3.101	115.1	8.3	3.5	1.9
701	7/18/2014 20:16:12	16.12	51.64	33.99	9.09	8.11	8.9	3.005	113.5	8.0	3.4	1.9
702	7/18/2014 20:31:12	16.03	51.57	33.93	9.11	8.11	8.3	2.903	113.5	7.5	3.2	1.8
703	7/18/2014 20:46:11	16.15	51.59	33.95	8.99	8.10	8.7	2.801	112.3	8.2	3.4	1.9
704	7/18/2014 21:01:11	16.44	51.64	33.99	8.56	8.07	9.5	2.702	107.6	6.6	2.8	1.6
705	7/18/2014 21:16:12	16.67	51.80	34.12	8.24	8.04	9.3	2.611	104.0	5.5	2.3	1.3
706	7/18/2014 21:31:11	16.97	51.77	34.10	7.96	8.02	8.9	2.516	101.1	4.7	2.0	1.1
707	7/18/2014 21:46:11	16.96	51.84	34.15	7.85	8.01	7.8	2.404	99.7	4.8	2.0	1.1
708	7/18/2014 22:01:11	16.95	51.83	34.14	7.79	8.01	9.2	2.318	99.0	4.4	1.8	1.0
709	7/18/2014 22:16:11	16.77	51.86	34.16	7.90	8.02	8.1	2.224	100.0	4.6	1.9	1.1
710	7/18/2014 22:31:11	16.49	51.89	34.18	7.99	8.03	8.7	2.121	100.7	4.7	2.0	1.1
711	7/18/2014 22:46:11	16.53	51.80	34.11	7.92	8.03	7.8	2.025	99.8	5.6	2.4	1.3
712	7/18/2014 23:01:11	16.91	51.82	34.14	7.79	8.02	7.5	1.943	98.9	4.2	1.8	1.0
713	7/18/2014 23:16:11	17.13	51.93	34.22	7.77	8.01	7.3	1.856	99.1	3.7	1.6	0.9
714	7/18/2014 23:31:11	17.12	51.81	34.13	7.68	8.01	8.1	1.780	97.9	3.9	1.6	0.9
715	7/18/2014 23:46:11	17.36	52.04	34.30	7.60	8.00	6.9	1.705	97.4	3.5	1.5	0.8
716	7/19/2014 0:01:11	17.63	51.95	34.24	7.54	8.00	7.1	1.648	97.1	2.6	1.1	0.6
717	7/19/2014 0:16:11	17.96	52.12	34.37	7.63	8.02	5.7	1.636	99.0	2.5	1.1	0.6
718	7/19/2014 0:31:11	18.38	52.16	34.40	7.73	8.04	4.4	1.604	101.0	2.0	0.8	0.5
719	7/19/2014 0:46:11	18.52	52.09	34.35	7.43	8.03	3.4	1.603	97.4	2.2	0.9	0.5
720	7/19/2014 1:01:11	18.58	52.31	34.51	7.94	8.05	4.5	1.637	104.2	2.6	1.1	0.6
721	7/19/2014 1:16:11	18.45	52.18	34.41	7.90	8.04	4.3	1.669	103.4	2.2	0.9	0.5
722	7/19/2014 1:31:11	18.65	52.36	34.55	7.96	8.05	5.4	1.727	104.6	2.8	1.2	0.7
723	7/19/2014 1:46:11	18.51	52.24	34.45	7.94	8.04	5.1	1.791	104.1	2.8	1.2	0.7
724	7/19/2014 2:01:11	18.41	52.16	34.40	7.78	8.02	6.7	1.873	101.8	3.2	1.3	0.8
725	7/19/2014 2:16:11	18.61	52.16	34.40	7.17	7.96	8.9	1.945	94.1	4.6	1.9	1.1
726	7/19/2014 2:31:11	18.38	52.16	34.40	7.27	7.96	8.4	2.020	95.1	4.7	2.0	1.1
727	7/19/2014 2:46:11	18.14	51.94	34.23	7.39	7.97	7.0	2.093	96.0	4.3	1.8	1.0
728	7/19/2014 3:01:10	18.05	51.99	34.27	7.43	7.98	7.0	2.158	96.4	3.7	1.6	0.9
729	7/19/2014 3:16:11	17.75	52.00	34.28	7.54	7.99	6.5	2.226	97.4	3.9	1.6	0.9
730	7/19/2014 3:31:11	17.34	51.96	34.24	7.57	7.98	6.7	2.299	96.9	4.6	1.9	1.1
731	7/19/2014 3:46:11	17.09	51.85	34.16	7.54	7.97	6.3	2.364	96.0	4.8	2.0	1.1
732	7/19/2014 4:01:11	17.00	51.84	34.15	7.51	7.97	5.9	2.418	95.5	4.3	1.8	1.0
733	7/19/2014 4:16:11	16.91	51.85	34.16	7.56	7.97	5.9	2.487	96.0	4.2	1.8	1.0
734	7/19/2014 4:31:11	16.81	51.79	34.11	7.61	7.98	6.2	2.549	96.3	4.9	2.1	1.2
735	7/19/2014 4:46:11	16.63	51.80	34.11	7.70	7.99	5.9	2.604	97.2	5.3	2.2	1.3
736	7/19/2014 5:01:11	16.47	51.74	34.07	7.83	8.00	6.2	2.661	98.5	5.6	2.4	1.3
737	7/19/2014 5:16:11	16.34	51.70	34.04	7.90	8.01	6.3	2.719	99.1	5.2	2.2	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
738	7/19/2014 5:31:11	16.28	51.72	34.05	7.94	8.01	5.6	2.771	99.5	5.9	2.5	1.4
739	7/19/2014 5:46:11	16.20	51.63	33.98	7.99	8.01	5.4	2.818	99.9	5.4	2.3	1.3
740	7/19/2014 6:01:11	16.22	51.61	33.97	7.86	8.01	5.2	2.856	98.4	4.6	1.9	1.1
741	7/19/2014 6:16:11	15.98	51.68	34.02	8.08	8.02	4.8	2.891	100.6	5.9	2.5	1.4
742	7/19/2014 6:31:11	17.23	52.04	34.30	6.74	7.93	10.6	2.908	86.1	4.0	1.7	0.9
743	7/19/2014 6:46:11	16.62	51.82	34.13	7.22	7.97	6.0	2.912	91.1	3.8	1.6	0.9
744	7/19/2014 7:01:11	16.39	51.66	34.01	7.36	7.97	6.3	2.903	92.4	3.8	1.6	0.9
745	7/19/2014 7:16:12	16.22	51.74	34.06	7.56	7.99	6.2	2.876	94.6	2.9	1.2	0.7
746	7/19/2014 7:31:11	16.57	51.96	34.23	6.17	7.85	8.5	2.839	77.8	3.1	1.3	0.7
747	7/19/2014 7:46:11	16.73	51.93	34.21	6.09	7.85	9.7	2.776	77.1	3.0	1.3	0.7
748	7/19/2014 8:01:11	16.70	51.93	34.21	6.48	7.89	8.4	2.720	81.9	2.8	1.2	0.7
749	7/19/2014 8:16:11	16.66	51.87	34.17	7.01	7.94	7.3	2.642	88.6	3.3	1.4	0.8
750	7/19/2014 8:31:11	16.62	51.85	34.15	7.14	7.95	7.3	2.580	90.2	3.5	1.5	0.8
751	7/19/2014 8:46:11	16.72	51.87	34.17	7.13	7.95	7.1	2.506	90.2	2.8	1.2	0.7
752	7/19/2014 9:01:11	16.90	51.80	34.12	6.99	7.94	6.8	2.425	88.7	3.5	1.5	0.8
753	7/19/2014 9:16:11	16.91	51.83	34.14	6.95	7.93	7.0	2.353	88.2	3.1	1.3	0.7
754	7/19/2014 9:31:11	17.14	51.85	34.16	6.71	7.91	7.1	2.286	85.6	2.8	1.2	0.7
755	7/19/2014 9:46:11	17.32	52.00	34.27	6.58	7.90	6.4	2.223	84.3	3.0	1.3	0.7
756	7/19/2014 10:01:11	17.27	52.00	34.27	6.65	7.91	6.4	2.154	85.0	2.7	1.1	0.6
757	7/19/2014 10:16:11	17.41	52.09	34.34	6.77	7.92	6.5	2.085	86.8	2.7	1.1	0.6
758	7/19/2014 10:31:12	17.45	52.12	34.36	6.75	7.92	6.2	2.024	86.6	3.0	1.3	0.7
759	7/19/2014 10:46:11	17.49	52.08	34.33	6.90	7.93	5.6	1.968	88.7	2.8	1.2	0.7
760	7/19/2014 11:01:11	17.59	52.00	34.27	6.76	7.93	5.2	1.928	87.1	2.4	1.0	0.6
761	7/19/2014 11:16:11	17.64	52.04	34.30	6.90	7.93	4.7	1.877	88.9	2.9	1.2	0.7
762	7/19/2014 11:31:11	17.71	52.01	34.28	6.76	7.93	4.3	1.846	87.2	2.3	1.0	0.5
763	7/19/2014 11:46:11	17.73	52.09	34.34	6.54	7.89	4.1	1.843	84.4	2.4	1.0	0.6
764	7/19/2014 12:01:11	17.65	51.96	34.25	7.21	7.95	5.4	1.825	92.9	3.6	1.5	0.8
765	7/19/2014 12:16:11	17.78	52.10	34.35	7.19	7.95	4.7	1.834	92.9	3.2	1.3	0.7
766	7/19/2014 12:31:11	17.96	52.12	34.37	7.14	7.95	4.2	1.857	92.6	3.3	1.4	0.8
767	7/19/2014 12:46:11	17.91	52.00	34.27	7.10	7.95	4.8	1.894	92.0	3.1	1.3	0.7
768	7/19/2014 13:01:11	18.01	52.11	34.36	7.07	7.95	4.5	1.947	91.8	3.2	1.3	0.8
769	7/19/2014 13:16:11	17.98	52.05	34.32	7.06	7.95	5.0	1.994	91.6	3.8	1.6	0.9
770	7/19/2014 13:31:11	17.91	52.09	34.34	7.04	7.94	5.2	2.066	91.2	4.1	1.7	1.0
771	7/19/2014 13:46:11	17.83	52.00	34.27	7.08	7.94	5.9	2.133	91.6	3.1	1.3	0.7
772	7/19/2014 14:01:11	17.69	52.06	34.32	7.11	7.94	6.0	2.202	91.6	4.0	1.7	0.9
773	7/19/2014 14:16:11	17.61	51.99	34.27	7.19	7.95	5.7	2.276	92.6	4.5	1.9	1.1
774	7/19/2014 14:31:11	17.46	51.93	34.22	7.33	7.96	5.9	2.344	94.1	4.5	1.9	1.1
775	7/19/2014 14:46:11	17.30	51.94	34.22	7.39	7.96	6.4	2.417	94.6	4.5	1.9	1.0
776	7/19/2014 15:01:11	17.04	51.94	34.22	7.54	7.97	6.3	2.493	96.0	5.0	2.1	1.2
777	7/19/2014 15:16:11	16.92	51.73	34.07	7.68	7.98	6.5	2.570	97.4	4.9	2.1	1.2
778	7/19/2014 15:31:11	16.93	51.61	33.98	7.80	7.99	6.4	2.643	98.9	5.3	2.2	1.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
779	7/19/2014 15:46:11	16.85	51.79	34.11	7.96	8.01	6.7	2.728	100.9	5.4	2.3	1.3
780	7/19/2014 16:01:11	16.67	51.73	34.06	8.20	8.03	7.6	2.803	103.5	6.0	2.5	1.4
781	7/19/2014 16:16:11	16.52	51.61	33.97	8.41	8.05	8.4	2.894	105.8	7.0	2.9	1.6
782	7/19/2014 16:31:11	16.18	51.56	33.93	8.69	8.07	8.8	2.978	108.5	8.0	3.4	1.9
783	7/19/2014 16:46:11	15.87	51.55	33.92	9.17	8.11	8.4	3.065	113.9	8.7	3.7	2.0
784	7/19/2014 17:01:11	15.59	51.43	33.83	9.71	8.15	9.2	3.150	119.9	11.5	4.8	2.7
785	7/19/2014 17:16:11	15.22	51.24	33.67	10.21	8.19	8.3	3.231	125.0	12.9	5.4	3.0
786	7/19/2014 17:31:11	15.01	51.33	33.74	10.48	8.21	8.2	3.313	127.8	13.6	5.7	3.2
787	7/19/2014 17:46:11	14.85	51.20	33.64	10.87	8.24	8.1	3.379	132.1	15.5	6.5	3.6
788	7/19/2014 18:01:11	14.64	51.22	33.65	11.39	8.28	6.1	3.441	137.8	16.8	7.1	4.0
789	7/19/2014 18:16:12	14.59	51.22	33.65	11.51	8.29	4.8	3.491	139.1	17.0	7.1	4.0
790	7/19/2014 18:31:12	14.46	51.09	33.54	11.72	8.30	4.2	3.529	141.2	17.0	7.1	4.0
791	7/19/2014 18:46:11	14.44	51.23	33.65	11.46	8.29	3.1	3.552	138.2	13.4	5.6	3.2
792	7/19/2014 19:01:11	14.93	51.26	33.69	10.94	8.26	5.9	3.559	133.2	12.4	5.2	2.9
793	7/19/2014 19:16:12	14.71	51.26	33.68	11.11	8.26	3.4	3.546	134.7	9.6	4.0	2.3
794	7/19/2014 19:31:12	14.76	51.25	33.67	11.04	8.26	5.2	3.498	133.9	10.1	4.2	2.4
795	7/19/2014 19:46:11	14.79	51.08	33.54	11.15	8.27	5.1	3.452	135.2	11.7	4.9	2.7
796	7/19/2014 20:01:11	15.33	51.21	33.66	10.19	8.20	5.9	3.392	125.0	11.9	5.0	2.8
797	7/19/2014 20:16:11	16.06	51.40	33.81	9.21	8.13	8.6	3.308	114.8	7.5	3.2	1.8
798	7/19/2014 20:31:11	15.56	51.31	33.74	9.75	8.18	8.1	3.221	120.2	9.9	4.2	2.3
799	7/19/2014 20:46:12	15.55	51.59	33.94	9.91	8.17	7.9	3.145	122.3	10.2	4.3	2.4
800	7/19/2014 21:01:11	16.32	51.57	33.94	9.50	8.15	8.0	3.038	119.1	10.6	4.5	2.5
801	7/19/2014 21:16:12	16.32	51.57	33.94	9.47	8.15	7.6	2.948	118.7	9.7	4.1	2.3
802	7/19/2014 21:31:11	16.40	51.54	33.92	9.29	8.13	7.5	2.865	116.5	8.8	3.7	2.1
803	7/19/2014 21:46:11	16.64	51.67	34.02	8.99	8.11	7.9	2.764	113.4	8.6	3.6	2.0
804	7/19/2014 22:01:12	16.88	51.76	34.09	8.60	8.08	8.1	2.668	109.1	6.3	2.6	1.5
805	7/19/2014 22:16:11	17.36	51.81	34.13	8.08	8.04	8.0	2.576	103.4	3.9	1.6	0.9
806	7/19/2014 22:31:11	17.75	51.82	34.14	7.71	8.01	8.3	2.480	99.5	4.2	1.8	1.0
807	7/19/2014 22:46:11	17.39	51.87	34.18	7.97	8.03	7.4	2.383	102.1	4.5	1.9	1.1
808	7/19/2014 23:01:11	17.32	51.70	34.05	7.98	8.03	7.8	2.272	102.0	4.4	1.8	1.0
809	7/19/2014 23:16:11	17.37	51.71	34.06	7.96	8.04	8.1	2.171	101.9	5.1	2.1	1.2
810	7/19/2014 23:31:11	17.40	51.71	34.06	8.00	8.04	8.1	2.074	102.4	4.9	2.1	1.1
811	7/19/2014 23:46:11	17.46	51.81	34.13	7.99	8.04	8.1	1.978	102.4	4.4	1.8	1.0
812	7/20/2014 0:01:11	17.74	51.94	34.23	7.93	8.04	8.2	1.870	102.3	3.8	1.6	0.9
813	7/20/2014 0:16:11	17.82	51.75	34.09	7.75	8.03	8.6	1.785	100.1	3.6	1.5	0.8
814	7/20/2014 0:31:11	17.86	51.76	34.10	7.69	8.03	8.3	1.711	99.4	3.9	1.6	0.9
815	7/20/2014 0:46:11	18.07	51.91	34.21	7.63	8.02	7.9	1.633	99.0	3.3	1.4	0.8
816	7/20/2014 1:01:11	18.44	52.08	34.34	7.67	8.03	6.6	1.585	100.3	2.4	1.0	0.6
817	7/20/2014 1:16:11	18.67	52.16	34.40	7.65	8.04	5.8	1.525	100.6	3.0	1.3	0.7
818	7/20/2014 1:31:11	18.83	52.10	34.36	7.73	8.05	5.0	1.518	101.9	2.2	0.9	0.5
819	7/20/2014 1:46:11	18.98	52.24	34.46	7.70	8.05	4.6	1.514	101.8	2.5	1.1	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
820	7/20/2014 2:01:10	19.13	52.16	34.40	7.87	8.06	3.7	1.511	104.4	2.1	0.9	0.5
821	7/20/2014 2:16:11	19.14	52.30	34.50	7.98	8.07	4.0	1.557	105.9	2.5	1.1	0.6
822	7/20/2014 2:31:11	19.08	52.24	34.46	7.99	8.07	4.3	1.595	105.9	3.1	1.3	0.7
823	7/20/2014 2:46:10	19.07	52.07	34.33	8.01	8.07	4.6	1.659	106.0	2.3	1.0	0.5
824	7/20/2014 3:01:10	18.96	52.06	34.32	8.00	8.06	4.6	1.726	105.7	2.8	1.2	0.7
825	7/20/2014 3:16:11	19.03	52.10	34.35	7.63	8.03	6.5	1.807	101.0	4.3	1.8	1.0
826	7/20/2014 3:31:11	19.26	52.29	34.49	7.07	7.97	9.4	1.871	94.0	5.9	2.5	1.4
827	7/20/2014 3:46:11	19.01	52.20	34.43	7.27	7.99	7.3	1.940	96.2	4.6	1.9	1.1
828	7/20/2014 4:01:11	18.73	52.02	34.30	7.47	8.00	6.7	2.014	98.2	4.2	1.8	1.0
829	7/20/2014 4:16:11	18.64	52.12	34.37	7.47	8.00	6.6	2.073	98.1	3.9	1.6	0.9
830	7/20/2014 4:31:11	18.38	52.02	34.29	7.57	8.00	6.2	2.138	98.9	3.7	1.6	0.9
831	7/20/2014 4:46:11	17.91	51.99	34.27	7.55	7.99	6.2	2.198	97.8	4.2	1.8	1.0
832	7/20/2014 5:01:11	17.60	51.98	34.26	7.55	7.99	5.7	2.276	97.2	4.3	1.8	1.0
833	7/20/2014 5:16:11	17.51	51.91	34.20	7.55	7.99	5.8	2.332	97.0	4.6	1.9	1.1
834	7/20/2014 5:31:11	17.43	51.86	34.17	7.54	7.98	5.4	2.389	96.7	4.5	1.9	1.1
835	7/20/2014 5:46:11	17.34	51.85	34.16	7.55	7.98	5.9	2.457	96.6	4.8	2.0	1.1
836	7/20/2014 6:01:11	17.12	51.83	34.14	7.64	7.99	5.5	2.517	97.4	4.2	1.8	1.0
837	7/20/2014 6:16:11	16.96	51.68	34.03	7.74	8.00	5.5	2.568	98.2	4.4	1.8	1.0
838	7/20/2014 6:31:11	16.87	51.79	34.11	7.80	8.01	5.5	2.615	98.8	4.5	1.9	1.1
839	7/20/2014 6:46:11	16.74	51.77	34.09	7.87	8.02	5.5	2.671	99.6	3.9	1.6	0.9
840	7/20/2014 7:01:12	16.70	51.68	34.03	7.86	8.02	4.9	2.709	99.3	4.4	1.8	1.0
841	7/20/2014 7:16:11	16.68	51.66	34.01	7.85	8.02	4.5	2.749	99.1	4.3	1.8	1.0
842	7/20/2014 7:31:12	16.61	51.61	33.97	7.76	8.02	3.9	2.770	97.8	3.2	1.3	0.7
843	7/20/2014 7:46:11	16.94	51.77	34.10	7.24	7.99	4.8	2.801	91.9	4.0	1.7	0.9
844	7/20/2014 8:01:11	17.21	51.92	34.21	7.05	7.97	6.0	2.809	90.0	3.2	1.3	0.7
845	7/20/2014 8:16:11	16.96	51.85	34.16	7.24	7.98	4.6	2.804	92.0	3.8	1.6	0.9
846	7/20/2014 8:31:11	16.85	51.76	34.09	7.41	7.99	4.9	2.788	93.9	3.0	1.3	0.7
847	7/20/2014 8:46:11	17.42	51.95	34.24	5.93	7.86	9.0	2.767	76.1	3.1	1.3	0.7
848	7/20/2014 9:01:12	17.00	52.08	34.32	5.79	7.81	8.0	2.720	73.7	2.7	1.1	0.6
849	7/20/2014 9:16:12	17.23	51.96	34.24	6.29	7.88	7.8	2.675	80.4	3.5	1.5	0.8
850	7/20/2014 9:31:11	17.24	51.84	34.15	6.85	7.93	7.6	2.621	87.6	3.6	1.5	0.9
851	7/20/2014 9:46:11	17.20	51.77	34.10	7.17	7.96	6.7	2.557	91.5	2.8	1.2	0.7
852	7/20/2014 10:01:11	17.18	51.80	34.12	7.29	7.97	6.4	2.496	93.0	3.1	1.3	0.7
853	7/20/2014 10:16:11	17.26	51.77	34.10	7.29	7.97	6.2	2.444	93.2	3.0	1.3	0.7
854	7/20/2014 10:31:11	17.36	51.86	34.17	7.18	7.97	5.8	2.382	92.0	3.3	1.4	0.8
855	7/20/2014 10:46:12	17.47	51.91	34.21	7.08	7.96	6.1	2.321	90.9	3.1	1.3	0.7
856	7/20/2014 11:01:11	17.59	51.85	34.16	7.09	7.95	5.9	2.268	91.2	3.3	1.4	0.8
857	7/20/2014 11:16:11	17.77	51.93	34.22	7.07	7.95	6.2	2.216	91.3	3.3	1.4	0.8
858	7/20/2014 11:31:11	17.91	51.70	34.06	7.11	7.95	6.4	2.177	92.0	3.3	1.4	0.8
859	7/20/2014 11:46:11	18.01	51.84	34.16	7.22	7.96	5.4	2.123	93.7	3.1	1.3	0.7
860	7/20/2014 12:01:11	18.10	51.84	34.16	7.05	7.95	4.6	2.081	91.6	2.1	0.9	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
861	7/20/2014 12:16:11	18.22	51.87	34.19	7.08	7.96	4.6	2.056	92.2	2.5	1.1	0.6
862	7/20/2014 12:31:11	18.35	51.90	34.21	6.88	7.95	4.0	2.032	89.8	2.8	1.2	0.6
863	7/20/2014 12:46:11	18.40	51.98	34.27	6.42	7.92	3.3	2.006	83.9	1.3	0.5	0.3
864	7/20/2014 13:01:12	18.37	52.09	34.34	7.11	7.96	4.8	2.005	92.9	3.0	1.3	0.7
865	7/20/2014 13:16:11	18.27	51.91	34.21	7.37	7.98	4.7	2.013	96.0	3.3	1.4	0.8
866	7/20/2014 13:31:11	18.26	51.92	34.22	7.37	7.97	5.0	2.037	96.0	3.6	1.5	0.8
867	7/20/2014 13:46:11	18.20	51.89	34.19	7.26	7.97	5.7	2.069	94.5	3.8	1.6	0.9
868	7/20/2014 14:01:11	18.31	52.03	34.30	7.21	7.97	4.9	2.088	94.1	3.8	1.6	0.9
869	7/20/2014 14:16:11	18.27	51.95	34.24	7.25	7.97	5.0	2.151	94.5	4.5	1.9	1.1
870	7/20/2014 14:31:11	18.11	51.94	34.24	7.18	7.96	5.5	2.208	93.3	3.9	1.6	0.9
871	7/20/2014 14:46:11	18.05	51.97	34.26	7.22	7.96	5.4	2.250	93.8	4.2	1.8	1.0
872	7/20/2014 15:01:11	17.85	51.86	34.17	7.36	7.97	6.0	2.315	95.1	4.3	1.8	1.0
873	7/20/2014 15:16:11	17.71	51.85	34.17	7.57	7.99	5.7	2.383	97.5	5.3	2.2	1.3
874	7/20/2014 15:31:11	17.65	51.92	34.21	7.63	7.99	5.6	2.448	98.3	5.8	2.4	1.4
875	7/20/2014 15:46:11	17.51	51.85	34.16	7.70	8.00	6.0	2.512	98.8	5.2	2.2	1.2
876	7/20/2014 16:01:11	17.39	51.85	34.16	7.74	8.00	6.6	2.585	99.1	5.9	2.5	1.4
877	7/20/2014 16:16:11	17.10	51.63	33.99	7.98	8.02	6.3	2.659	101.5	5.7	2.4	1.3
878	7/20/2014 16:31:11	17.00	51.73	34.07	8.09	8.03	5.7	2.735	102.9	6.3	2.6	1.5
879	7/20/2014 16:46:11	16.95	51.62	33.99	8.22	8.04	6.1	2.810	104.3	6.7	2.8	1.6
880	7/20/2014 17:01:11	16.75	51.53	33.92	8.44	8.06	6.3	2.890	106.7	6.5	2.7	1.5
881	7/20/2014 17:16:12	16.54	51.62	33.98	8.66	8.08	6.7	2.971	109.0	6.6	2.8	1.6
882	7/20/2014 17:31:11	16.34	51.51	33.90	8.93	8.10	7.0	3.050	111.9	7.6	3.2	1.8
883	7/20/2014 17:46:11	15.90	51.43	33.83	9.41	8.15	7.6	3.132	116.9	9.1	3.8	2.1
884	7/20/2014 18:01:12	15.54	51.39	33.79	9.88	8.19	7.3	3.209	121.9	10.1	4.2	2.4
885	7/20/2014 18:16:11	15.38	51.34	33.75	10.14	8.21	7.1	3.278	124.7	11.7	4.9	2.7
886	7/20/2014 18:31:11	15.27	51.23	33.67	10.30	8.22	5.8	3.348	126.3	11.0	4.6	2.6
887	7/20/2014 18:46:11	15.09	51.29	33.71	10.57	8.25	5.1	3.409	129.2	10.9	4.6	2.6
888	7/20/2014 19:01:11	14.98	51.19	33.64	10.69	8.26	4.6	3.457	130.3	12.0	5.0	2.8
889	7/20/2014 19:16:11	14.83	51.15	33.60	10.91	8.28	3.4	3.498	132.5	13.2	5.5	3.1
890	7/20/2014 19:31:11	14.72	51.21	33.64	11.10	8.29	2.8	3.526	134.5	16.0	6.7	3.8
891	7/20/2014 19:46:11	15.38	50.67	33.26	10.35	8.24	3.0	3.538	126.8	14.5	6.1	3.4
892	7/20/2014 20:01:11	15.22	51.32	33.73	10.31	8.24	5.2	3.544	126.2	10.1	4.2	2.4
893	7/20/2014 20:16:11	14.98	51.17	33.62	10.49	8.24	3.9	3.520	127.8	7.0	2.9	1.6
894	7/20/2014 20:31:11	15.53	51.25	33.69	9.75	8.19	5.3	3.469	120.2	7.5	3.2	1.8
895	7/20/2014 20:46:11	15.34	51.30	33.72	10.18	8.22	5.3	3.426	125.0	7.8	3.3	1.8
896	7/20/2014 21:01:11	15.46	51.36	33.77	9.99	8.21	5.8	3.370	123.0	7.6	3.2	1.8
897	7/20/2014 21:16:11	16.01	51.45	33.85	9.17	8.14	8.8	3.273	114.2	7.5	3.2	1.8
898	7/20/2014 21:31:11	15.85	51.36	33.78	9.38	8.16	7.3	3.189	116.3	8.4	3.5	2.0
899	7/20/2014 21:46:11	16.61	51.47	33.87	9.07	8.13	6.7	3.117	114.3	5.8	2.4	1.4
900	7/20/2014 22:01:12	16.52	51.52	33.91	9.16	8.14	6.5	3.019	115.3	7.0	2.9	1.6
901	7/20/2014 22:16:11	16.40	51.45	33.85	9.24	8.15	7.2	2.922	115.9	7.5	3.2	1.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
902	7/20/2014 22:31:11	16.53	51.43	33.84	9.05	8.13	6.2	2.829	113.8	7.2	3.0	1.7
903	7/20/2014 22:46:11	16.77	51.50	33.89	8.68	8.10	7.3	2.741	109.7	5.8	2.4	1.4
904	7/20/2014 23:01:11	17.19	51.64	34.01	8.11	8.05	6.9	2.644	103.4	4.8	2.0	1.1
905	7/20/2014 23:16:11	17.56	51.72	34.07	7.72	8.02	7.3	2.536	99.2	4.1	1.7	1.0
906	7/20/2014 23:31:11	17.62	51.70	34.05	7.56	8.00	7.8	2.444	97.2	4.6	1.9	1.1
907	7/20/2014 23:46:11	17.34	51.62	33.99	7.67	8.02	7.4	2.346	98.1	3.7	1.6	0.9
908	7/21/2014 0:01:11	17.35	51.76	34.10	7.81	8.03	8.1	2.229	99.9	4.3	1.8	1.0
909	7/21/2014 0:16:11	17.14	51.60	33.97	7.83	8.04	9.0	2.122	99.7	4.5	1.9	1.0
910	7/21/2014 0:31:11	17.61	51.72	34.06	7.73	8.03	7.0	2.025	99.4	3.9	1.6	0.9
911	7/21/2014 0:46:11	17.71	51.71	34.06	7.67	8.02	7.2	1.915	98.7	3.6	1.5	0.9
912	7/21/2014 1:01:11	17.81	51.81	34.14	7.61	8.02	6.9	1.816	98.2	3.5	1.5	0.8
913	7/21/2014 1:16:11	18.16	51.78	34.12	7.56	8.02	5.7	1.724	98.2	3.4	1.4	0.8
914	7/21/2014 1:31:11	17.99	51.83	34.15	7.33	8.00	7.3	1.625	95.0	3.3	1.4	0.8
915	7/21/2014 1:46:11	18.16	51.90	34.20	7.25	7.99	6.7	1.560	94.2	3.3	1.4	0.8
916	7/21/2014 2:01:11	18.51	51.91	34.22	7.18	7.99	6.0	1.488	93.9	3.3	1.4	0.8
917	7/21/2014 2:16:11	18.71	51.90	34.21	7.22	8.00	5.4	1.442	94.9	2.9	1.2	0.7
918	7/21/2014 2:31:11	19.18	52.13	34.38	7.35	8.02	4.2	1.420	97.5	2.5	1.1	0.6
919	7/21/2014 2:46:11	19.19	52.02	34.30	7.29	8.02	3.0	1.413	96.7	2.8	1.2	0.6
920	7/21/2014 3:01:11	19.41	52.18	34.42	7.59	8.04	3.1	1.415	101.2	3.0	1.3	0.7
921	7/21/2014 3:16:11	19.39	52.08	34.34	7.71	8.05	3.5	1.458	102.7	2.7	1.1	0.6
922	7/21/2014 3:31:10	19.34	52.00	34.28	7.69	8.05	3.7	1.515	102.3	2.8	1.2	0.7
923	7/21/2014 3:46:11	19.35	52.17	34.41	7.73	8.05	4.0	1.553	102.9	2.1	0.9	0.5
924	7/21/2014 4:01:11	19.27	52.07	34.34	7.70	8.04	4.1	1.630	102.4	2.7	1.1	0.6
925	7/21/2014 4:16:11	19.20	51.95	34.24	7.61	8.03	5.1	1.702	101.0	3.0	1.3	0.7
926	7/21/2014 4:31:11	19.43	52.17	34.41	7.16	8.00	6.8	1.765	95.4	5.0	2.1	1.2
927	7/21/2014 4:46:11	19.47	52.18	34.41	6.97	7.98	7.4	1.832	92.9	5.7	2.4	1.3
928	7/21/2014 5:01:11	19.27	52.05	34.32	7.14	7.99	6.5	1.896	94.8	4.9	2.1	1.2
929	7/21/2014 5:16:11	19.06	52.17	34.40	7.22	8.00	6.0	1.965	95.6	4.5	1.9	1.0
930	7/21/2014 5:31:11	18.96	52.06	34.32	7.24	8.00	5.9	2.030	95.6	4.3	1.8	1.0
931	7/21/2014 5:46:11	18.63	51.93	34.23	7.33	8.00	5.5	2.094	96.1	3.5	1.5	0.8
932	7/21/2014 6:01:11	18.22	51.91	34.21	7.34	7.99	5.7	2.169	95.6	4.0	1.7	0.9
933	7/21/2014 6:16:11	18.03	51.79	34.12	7.32	7.98	5.6	2.234	94.9	3.1	1.3	0.7
934	7/21/2014 6:31:11	17.92	51.86	34.17	7.30	7.98	5.4	2.292	94.5	3.9	1.6	0.9
935	7/21/2014 6:46:11	17.80	51.80	34.13	7.31	7.98	5.3	2.369	94.4	3.4	1.4	0.8
936	7/21/2014 7:01:11	17.55	51.81	34.14	7.40	7.99	5.1	2.430	95.1	4.1	1.7	1.0
937	7/21/2014 7:16:11	17.40	51.70	34.05	7.47	7.99	5.1	2.486	95.7	4.6	1.9	1.1
938	7/21/2014 7:31:11	17.28	51.61	33.98	7.52	8.00	5.1	2.542	96.0	3.9	1.6	0.9
939	7/21/2014 7:46:11	17.14	51.60	33.98	7.63	8.01	5.3	2.600	97.1	3.9	1.6	0.9
940	7/21/2014 8:01:11	17.05	51.65	34.01	7.66	8.01	5.2	2.657	97.5	3.6	1.5	0.8
941	7/21/2014 8:16:11	16.99	51.53	33.92	7.69	8.01	4.6	2.699	97.6	4.4	1.8	1.0
942	7/21/2014 8:31:11	16.91	51.64	34.00	7.71	8.02	4.3	2.744	97.8	3.8	1.6	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
943	7/21/2014 8:46:11	16.77	51.52	33.91	7.81	8.03	3.8	2.782	98.7	3.2	1.3	0.8
944	7/21/2014 9:01:12	16.62	51.62	33.98	7.89	8.04	3.8	2.816	99.4	3.6	1.5	0.8
945	7/21/2014 9:16:11	16.59	51.55	33.93	7.70	8.03	2.9	2.828	97.1	2.8	1.2	0.6
946	7/21/2014 9:31:11	17.26	51.71	34.05	7.22	7.99	6.0	2.836	92.2	3.4	1.4	0.8
947	7/21/2014 9:46:11	16.90	51.64	34.00	7.41	8.00	4.2	2.847	93.9	2.9	1.2	0.7
948	7/21/2014 10:01:11	16.85	51.51	33.90	7.49	8.01	4.1	2.820	94.8	3.2	1.3	0.8
949	7/21/2014 10:16:11	16.74	51.33	33.77	7.73	8.02	3.8	2.780	97.5	2.7	1.1	0.6
950	7/21/2014 10:31:11	17.04	51.55	33.94	7.59	8.01	4.7	2.749	96.5	3.0	1.3	0.7
951	7/21/2014 10:46:11	17.39	51.63	34.00	7.49	8.00	4.5	2.699	95.9	3.1	1.3	0.7
952	7/21/2014 11:01:11	17.76	51.80	34.13	7.17	7.97	6.2	2.641	92.5	3.3	1.4	0.8
953	7/21/2014 11:16:11	17.82	51.60	33.98	7.08	7.96	6.1	2.580	91.4	2.8	1.2	0.7
954	7/21/2014 11:31:11	17.80	51.68	34.04	7.29	7.98	5.9	2.520	94.1	2.7	1.1	0.6
955	7/21/2014 11:46:11	17.81	51.79	34.12	7.36	7.99	5.3	2.469	95.0	3.1	1.3	0.7
956	7/21/2014 12:01:11	17.87	51.68	34.04	7.22	7.98	5.1	2.415	93.2	2.5	1.1	0.6
957	7/21/2014 12:16:11	18.04	51.81	34.14	7.19	7.98	4.8	2.356	93.2	2.7	1.1	0.6
958	7/21/2014 12:31:11	18.15	51.89	34.20	7.11	7.97	4.5	2.319	92.5	2.5	1.1	0.6
959	7/21/2014 12:46:11	18.28	51.79	34.12	6.92	7.96	4.6	2.284	90.2	2.8	1.2	0.7
960	7/21/2014 13:01:11	18.54	51.93	34.22	7.03	7.96	4.5	2.232	92.1	2.1	0.9	0.5
961	7/21/2014 13:16:11	18.72	51.85	34.17	7.01	7.96	4.7	2.203	92.2	2.6	1.1	0.6
962	7/21/2014 13:31:11	18.77	51.90	34.21	6.87	7.96	4.2	2.184	90.4	2.4	1.0	0.6
963	7/21/2014 13:46:11	18.92	51.80	34.13	6.76	7.94	4.0	2.150	89.1	2.0	0.8	0.5
964	7/21/2014 14:01:11	19.06	51.92	34.22	6.91	7.95	4.8	2.139	91.4	2.2	0.9	0.5
965	7/21/2014 14:16:11	18.80	51.75	34.10	7.40	7.98	5.1	2.141	97.3	3.2	1.3	0.8
966	7/21/2014 14:31:11	18.79	51.98	34.27	7.40	7.98	5.3	2.151	97.4	3.7	1.6	0.9
967	7/21/2014 14:46:11	18.89	51.86	34.18	7.42	7.98	4.3	2.173	97.8	3.5	1.5	0.8
968	7/21/2014 15:01:11	18.85	51.99	34.27	7.44	7.98	5.0	2.199	98.0	3.8	1.6	0.9
969	7/21/2014 15:16:11	18.81	51.94	34.24	7.42	7.98	5.6	2.240	97.7	4.2	1.8	1.0
970	7/21/2014 15:31:11	18.75	51.90	34.21	7.46	7.99	5.2	2.287	98.2	3.4	1.4	0.8
971	7/21/2014 15:46:11	18.50	51.80	34.13	7.49	7.99	5.7	2.343	97.9	4.0	1.7	0.9
972	7/21/2014 16:01:11	18.27	51.62	34.00	7.64	8.00	5.6	2.399	99.4	4.4	1.8	1.0
973	7/21/2014 16:16:11	18.20	51.66	34.03	7.77	8.01	5.4	2.457	101.0	4.2	1.8	1.0
974	7/21/2014 16:31:11	18.13	51.64	34.01	7.72	8.01	5.4	2.526	100.2	4.9	2.1	1.2
975	7/21/2014 16:46:11	18.03	51.73	34.08	7.78	8.01	5.1	2.586	100.8	5.4	2.3	1.3
976	7/21/2014 17:01:11	17.76	51.72	34.07	7.91	8.02	6.1	2.657	101.9	5.0	2.1	1.2
977	7/21/2014 17:16:11	17.42	51.65	34.01	8.06	8.04	5.9	2.726	103.3	4.8	2.0	1.1
978	7/21/2014 17:31:11	17.24	51.61	33.98	8.20	8.05	5.3	2.793	104.7	5.5	2.3	1.3
979	7/21/2014 17:46:12	17.15	51.65	34.01	8.38	8.07	5.5	2.869	106.8	5.5	2.3	1.3
980	7/21/2014 18:01:11	16.86	51.44	33.85	8.70	8.09	5.9	2.947	110.2	6.7	2.8	1.6
981	7/21/2014 18:16:11	16.56	51.40	33.82	8.96	8.11	5.4	3.020	112.7	7.2	3.0	1.7
982	7/21/2014 18:31:11	16.26	51.27	33.72	9.27	8.14	6.1	3.095	115.9	7.9	3.3	1.9
983	7/21/2014 18:46:11	15.91	51.31	33.74	9.66	8.16	5.8	3.176	119.9	8.8	3.7	2.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
984	7/21/2014 19:01:11	15.68	51.33	33.75	9.85	8.18	6.4	3.254	121.8	9.4	3.9	2.2
985	7/21/2014 19:16:11	15.49	51.11	33.58	9.96	8.19	6.1	3.315	122.5	8.9	3.7	2.1
986	7/21/2014 19:31:11	15.23	51.20	33.65	10.02	8.19	4.6	3.376	122.7	10.5	4.4	2.5
987	7/21/2014 19:46:11	14.93	51.12	33.58	10.06	8.19	4.0	3.442	122.4	11.2	4.7	2.6
988	7/21/2014 20:01:11	14.77	51.13	33.58	10.05	8.19	3.4	3.492	121.9	10.5	4.4	2.5
989	7/21/2014 20:16:11	14.67	51.16	33.61	10.02	8.19	3.2	3.514	121.3	11.5	4.8	2.7
990	7/21/2014 20:31:11	14.76	51.03	33.51	9.81	8.19	3.2	3.543	118.9	8.0	3.4	1.9
991	7/21/2014 20:46:11	14.99	50.94	33.45	9.57	8.17	4.8	3.568	116.5	10.7	4.5	2.5
992	7/21/2014 21:01:11	15.14	51.27	33.70	9.59	8.17	4.1	3.544	117.2	10.3	4.3	2.4
993	7/21/2014 21:16:11	14.82	51.03	33.51	9.77	8.18	2.9	3.522	118.6	5.9	2.5	1.4
994	7/21/2014 21:31:11	15.05	51.05	33.53	9.64	8.17	3.7	3.496	117.6	5.7	2.4	1.3
995	7/21/2014 21:46:11	15.11	51.20	33.64	9.63	8.17	5.3	3.439	117.6	7.5	3.2	1.8
996	7/21/2014 22:01:11	15.67	51.17	33.64	9.22	8.14	5.6	3.372	113.9	6.2	2.6	1.5
997	7/21/2014 22:16:11	16.02	51.30	33.74	8.91	8.13	6.4	3.297	110.9	7.1	3.0	1.7
998	7/21/2014 22:31:11	16.45	51.38	33.80	8.99	8.13	6.7	3.212	112.9	6.1	2.6	1.4
999	7/21/2014 22:46:11	16.93	51.55	33.93	8.75	8.11	6.0	3.128	110.9	5.2	2.2	1.2
1000	7/21/2014 23:01:12	16.69	51.45	33.86	9.03	8.13	6.8	3.024	114.0	6.4	2.7	1.5
1001	7/21/2014 23:16:12	16.74	51.42	33.84	8.96	8.13	6.1	2.921	113.1	6.1	2.6	1.4
1002	7/21/2014 23:31:12	16.70	51.51	33.90	8.84	8.12	6.4	2.828	111.5	5.1	2.1	1.2
1003	7/21/2014 23:46:11	17.21	51.45	33.87	8.34	8.08	6.8	2.731	106.3	5.4	2.3	1.3
1004	7/22/2014 0:01:11	17.58	51.62	33.99	7.88	8.04	6.8	2.615	101.3	3.8	1.6	0.9
1005	7/22/2014 0:16:12	17.84	51.69	34.04	7.65	8.02	7.5	2.513	98.8	3.8	1.6	0.9
1006	7/22/2014 0:31:11	17.83	51.59	33.98	7.52	8.02	7.6	2.412	97.1	3.6	1.5	0.8
1007	7/22/2014 0:46:11	17.65	51.69	34.05	7.80	8.04	7.2	2.293	100.4	4.2	1.8	1.0
1008	7/22/2014 1:01:11	17.65	51.74	34.08	7.89	8.05	8.8	2.180	101.5	4.0	1.7	0.9
1009	7/22/2014 1:16:11	17.58	51.77	34.10	7.82	8.04	7.9	2.070	100.5	3.5	1.5	0.8
1010	7/22/2014 1:31:11	17.64	51.66	34.02	7.77	8.04	8.2	1.963	99.9	3.2	1.3	0.8
1011	7/22/2014 1:46:11	18.09	51.70	34.06	7.67	8.04	8.1	1.850	99.5	3.2	1.3	0.7
1012	7/22/2014 2:01:11	18.42	51.78	34.12	7.63	8.04	7.6	1.736	99.7	3.3	1.4	0.8
1013	7/22/2014 2:16:11	18.54	51.82	34.14	7.42	8.02	7.0	1.629	97.1	2.7	1.1	0.6
1014	7/22/2014 2:31:11	18.95	51.87	34.19	7.44	8.03	6.7	1.544	98.2	2.3	1.0	0.5
1015	7/22/2014 2:46:11	19.04	51.91	34.21	7.36	8.02	6.2	1.454	97.3	2.3	1.0	0.5
1016	7/22/2014 3:01:11	19.20	51.97	34.26	7.34	8.02	5.4	1.393	97.4	3.1	1.3	0.7
1017	7/22/2014 3:16:11	19.71	52.01	34.29	7.58	8.05	4.2	1.363	101.5	1.9	0.8	0.5
1018	7/22/2014 3:31:11	19.66	51.86	34.18	7.53	8.04	3.7	1.324	100.6	2.6	1.1	0.6
1019	7/22/2014 3:46:11	19.92	52.04	34.31	7.56	8.06	2.9	1.331	101.7	2.0	0.8	0.5
1020	7/22/2014 4:01:11	20.06	52.15	34.39	7.92	8.07	3.4	1.355	106.7	1.8	0.8	0.4
1021	7/22/2014 4:16:10	19.94	52.14	34.39	7.89	8.07	3.5	1.391	106.1	2.3	1.0	0.5
1022	7/22/2014 4:31:10	20.03	52.04	34.31	7.96	8.08	4.0	1.453	107.3	2.2	0.9	0.5
1023	7/22/2014 4:46:10	19.98	52.09	34.35	7.98	8.08	4.2	1.499	107.4	2.3	1.0	0.5
1024	7/22/2014 5:01:11	19.92	52.15	34.39	7.95	8.07	4.3	1.580	106.9	2.4	1.0	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
1025	7/22/2014 5:16:11	20.12	52.07	34.33	7.50	8.03	6.5	1.658	101.3	4.4	1.8	1.0
1026	7/22/2014 5:31:10	20.29	52.22	34.44	7.20	8.01	7.3	1.701	97.5	5.0	2.1	1.2
1027	7/22/2014 5:46:10	20.15	52.06	34.33	7.24	8.01	6.9	1.790	97.7	4.9	2.1	1.2
1028	7/22/2014 6:01:11	19.84	52.04	34.31	7.44	8.02	6.6	1.862	99.8	4.7	2.0	1.1
1029	7/22/2014 6:16:11	19.66	52.03	34.30	7.47	8.02	5.4	1.926	100.0	3.3	1.4	0.8
1030	7/22/2014 6:31:11	19.56	52.07	34.33	7.50	8.02	5.3	1.991	100.2	3.4	1.4	0.8
1031	7/22/2014 6:46:11	19.21	51.88	34.19	7.54	8.02	5.4	2.060	99.9	2.5	1.1	0.6
1032	7/22/2014 7:01:11	18.76	51.98	34.26	7.39	8.00	6.1	2.141	97.2	3.1	1.3	0.7
1033	7/22/2014 7:16:11	18.56	51.76	34.11	7.32	7.98	5.4	2.204	95.8	3.3	1.4	0.8
1034	7/22/2014 7:31:11	18.47	51.80	34.14	7.27	7.98	5.6	2.287	95.1	3.3	1.4	0.8
1035	7/22/2014 7:46:11	18.39	51.88	34.19	7.26	7.98	5.5	2.358	94.8	3.2	1.3	0.7
1036	7/22/2014 8:01:11	18.16	51.72	34.07	7.36	7.98	5.9	2.428	95.7	3.6	1.5	0.8
1037	7/22/2014 8:16:11	17.96	51.74	34.08	7.46	7.99	6.0	2.500	96.5	3.0	1.3	0.7
1038	7/22/2014 8:31:11	17.77	51.70	34.05	7.57	8.00	5.3	2.560	97.6	3.8	1.6	0.9
1039	7/22/2014 8:46:11	17.67	51.58	33.97	7.61	8.01	5.4	2.621	97.9	3.7	1.6	0.9
1040	7/22/2014 9:01:11	17.61	51.65	34.02	7.61	8.01	5.6	2.692	97.9	4.1	1.7	1.0
1041	7/22/2014 9:16:11	17.40	51.57	33.96	7.72	8.02	5.8	2.738	98.9	3.8	1.6	0.9
1042	7/22/2014 9:31:11	17.17	51.56	33.94	7.85	8.03	5.7	2.784	100.1	4.8	2.0	1.1
1043	7/22/2014 9:46:11	16.93	51.48	33.88	8.02	8.04	5.4	2.840	101.6	4.7	2.0	1.1
1044	7/22/2014 10:01:11	16.78	51.39	33.81	8.09	8.05	3.9	2.877	102.2	4.3	1.8	1.0
1045	7/22/2014 10:16:11	16.70	51.45	33.86	8.09	8.05	3.1	2.902	102.0	3.5	1.5	0.8
1046	7/22/2014 10:31:12	17.76	51.65	34.02	7.34	8.01	4.5	2.919	94.6	2.7	1.1	0.6
1047	7/22/2014 10:46:11	17.04	51.56	33.94	7.61	8.02	3.9	2.921	96.7	3.5	1.5	0.8
1048	7/22/2014 11:01:11	16.94	51.29	33.74	7.74	8.03	3.9	2.908	98.1	3.1	1.3	0.7
1049	7/22/2014 11:16:12	16.66	51.47	33.87	7.97	8.04	4.0	2.873	100.5	3.3	1.4	0.8
1050	7/22/2014 11:31:12	17.06	51.28	33.74	7.77	8.03	4.0	2.831	98.7	3.2	1.3	0.8
1051	7/22/2014 11:46:11	17.58	51.49	33.90	7.67	8.02	5.0	2.789	98.5	3.1	1.3	0.7
1052	7/22/2014 12:01:11	17.77	51.73	34.07	7.62	8.01	5.4	2.715	98.3	2.7	1.1	0.6
1053	7/22/2014 12:16:12	17.88	51.57	33.96	7.71	8.02	5.4	2.659	99.5	3.1	1.3	0.7
1054	7/22/2014 12:31:11	17.90	51.57	33.96	7.72	8.02	5.0	2.599	99.8	3.3	1.4	0.8
1055	7/22/2014 12:46:11	17.99	51.59	33.97	7.66	8.01	5.2	2.539	99.1	3.6	1.5	0.9
1056	7/22/2014 13:01:12	18.18	51.69	34.05	7.54	8.01	4.9	2.478	98.0	3.2	1.3	0.8
1057	7/22/2014 13:16:11	18.36	51.64	34.01	7.45	8.00	5.0	2.430	97.1	2.9	1.2	0.7
1058	7/22/2014 13:31:11	18.53	51.75	34.09	7.35	7.99	5.4	2.382	96.2	3.0	1.3	0.7
1059	7/22/2014 13:46:11	18.75	51.64	34.02	7.32	7.99	5.2	2.322	96.1	2.8	1.2	0.7
1060	7/22/2014 14:01:11	19.01	51.86	34.18	7.09	7.97	4.5	2.288	93.7	2.4	1.0	0.6
1061	7/22/2014 14:16:11	19.09	51.88	34.19	6.89	7.96	4.0	2.257	91.2	2.6	1.1	0.6
1062	7/22/2014 14:31:11	19.17	51.82	34.15	6.99	7.96	7.0	2.228	92.7	2.7	1.1	0.6
1063	7/22/2014 14:46:11	19.31	51.84	34.16	7.05	7.97	4.7	2.201	93.7	3.1	1.3	0.7
1064	7/22/2014 15:01:11	19.37	51.74	34.09	6.81	7.96	3.7	2.188	90.5	2.8	1.2	0.7
1065	7/22/2014 15:16:11	19.40	51.96	34.25	7.41	7.99	4.2	2.185	98.7	3.1	1.3	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
1066	7/22/2014 15:31:11	19.31	51.84	34.16	7.62	8.00	4.3	2.190	101.2	4.0	1.7	0.9
1067	7/22/2014 15:46:11	19.12	51.73	34.08	7.76	8.01	5.7	2.215	102.6	4.1	1.7	1.0
1068	7/22/2014 16:01:11	19.23	51.78	34.12	7.57	8.00	4.5	2.236	100.4	4.3	1.8	1.0
1069	7/22/2014 16:16:11	19.29	51.91	34.21	7.68	8.01	4.6	2.278	102.0	4.8	2.0	1.1
1070	7/22/2014 16:31:11	19.09	51.64	34.02	7.67	8.01	4.8	2.329	101.4	4.8	2.0	1.1
1071	7/22/2014 16:46:11	18.91	51.77	34.11	7.61	8.00	5.1	2.378	100.4	4.4	1.8	1.0
1072	7/22/2014 17:01:11	18.65	51.63	34.01	7.90	8.02	5.4	2.439	103.5	4.6	1.9	1.1
1073	7/22/2014 17:16:11	18.41	51.65	34.02	8.05	8.04	5.3	2.500	105.0	4.6	1.9	1.1
1074	7/22/2014 17:31:11	18.35	51.55	33.95	7.97	8.03	5.3	2.570	103.9	4.3	1.8	1.0
1075	7/22/2014 17:46:11	18.27	51.57	33.96	7.90	8.02	5.4	2.625	102.7	4.8	2.0	1.1
1076	7/22/2014 18:01:11	18.01	51.58	33.97	7.96	8.03	5.7	2.695	103.0	4.5	1.9	1.1
1077	7/22/2014 18:16:11	17.57	51.55	33.95	8.12	8.04	5.4	2.770	104.2	4.9	2.1	1.2
1078	7/22/2014 18:31:11	17.32	51.49	33.89	8.17	8.05	5.0	2.842	104.4	4.9	2.1	1.2
1079	7/22/2014 18:46:11	17.20	51.46	33.87	8.20	8.05	4.8	2.923	104.5	5.0	2.1	1.2
1080	7/22/2014 19:01:11	16.97	51.45	33.86	8.35	8.06	5.3	2.988	105.9	5.0	2.1	1.2
1081	7/22/2014 19:16:11	16.48	51.23	33.69	8.60	8.08	5.1	3.069	107.9	5.6	2.4	1.3
1082	7/22/2014 19:31:11	16.02	51.25	33.70	8.80	8.09	5.1	3.156	109.5	5.6	2.4	1.3
1083	7/22/2014 19:46:11	15.77	51.13	33.61	8.98	8.11	5.7	3.220	111.2	7.3	3.1	1.7
1084	7/22/2014 20:01:11	15.50	51.14	33.61	9.22	8.12	5.6	3.297	113.5	7.5	3.2	1.8
1085	7/22/2014 20:16:11	15.23	51.10	33.58	9.40	8.13	5.8	3.366	115.0	8.3	3.5	2.0
1086	7/22/2014 20:31:11	14.87	50.92	33.44	9.56	8.14	4.5	3.429	116.1	7.7	3.2	1.8
1087	7/22/2014 20:46:11	14.75	50.94	33.44	9.57	8.14	3.9	3.484	116.0	9.0	3.8	2.1
1088	7/22/2014 21:01:11	14.64	51.00	33.48	9.57	8.14	3.5	3.526	115.6	8.6	3.6	2.0
1089	7/22/2014 21:16:11	14.53	51.09	33.54	9.58	8.14	2.5	3.565	115.5	9.6	4.0	2.3
1090	7/22/2014 21:31:11	14.46	51.03	33.50	9.53	8.14	2.1	3.590	114.8	9.4	3.9	2.2
1091	7/22/2014 21:46:11	14.97	51.09	33.56	9.19	8.13	5.1	3.591	111.9	8.9	3.7	2.1
1092	7/22/2014 22:01:11	14.82	50.90	33.41	9.22	8.12	3.9	3.577	111.8	6.6	2.8	1.6
1093	7/22/2014 22:16:11	14.77	50.94	33.44	9.23	8.12	3.4	3.553	111.8	4.8	2.0	1.1
1094	7/22/2014 22:31:11	14.88	50.84	33.37	9.15	8.12	3.7	3.513	111.1	5.6	2.4	1.3
1095	7/22/2014 22:46:11	15.80	51.17	33.64	8.56	8.09	5.8	3.435	105.9	5.7	2.4	1.3
1096	7/22/2014 23:01:11	15.84	51.14	33.61	8.58	8.09	6.8	3.352	106.3	6.3	2.6	1.5
1097	7/22/2014 23:16:11	15.81	51.00	33.51	8.60	8.09	5.7	3.279	106.4	6.2	2.6	1.5
1098	7/22/2014 23:31:11	16.67	51.30	33.75	8.30	8.07	6.6	3.175	104.7	4.7	2.0	1.1
1099	7/22/2014 23:46:11	16.70	51.31	33.75	8.35	8.07	6.7	3.072	105.3	4.8	2.0	1.1
1100	7/23/2014 0:01:11	16.72	51.22	33.69	8.33	8.07	6.3	2.970	105.1	5.3	2.2	1.2
1101	7/23/2014 0:16:11	16.78	51.42	33.84	8.28	8.07	6.6	2.855	104.6	4.6	1.9	1.1
1102	7/23/2014 0:31:11	17.26	51.21	33.69	7.92	8.04	6.8	2.760	101.0	4.1	1.7	1.0
1103	7/23/2014 0:46:11	17.69	51.33	33.78	7.62	8.01	7.9	2.646	98.0	4.0	1.7	0.9
1104	7/23/2014 1:01:11	18.06	51.58	33.97	7.35	8.00	7.5	2.533	95.2	3.4	1.4	0.8
1105	7/23/2014 1:16:11	18.01	51.60	33.98	7.30	7.99	7.5	2.424	94.6	3.4	1.4	0.8
1106	7/23/2014 1:31:11	17.84	51.56	33.95	7.48	8.01	6.9	2.301	96.6	3.4	1.4	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
1107	7/23/2014 1:46:11	18.01	51.65	34.02	7.49	8.01	7.5	2.178	97.0	3.7	1.6	0.9
1108	7/23/2014 2:01:12	17.98	51.69	34.04	7.44	8.01	8.4	2.071	96.3	3.6	1.5	0.9
1109	7/23/2014 2:16:11	18.04	51.66	34.03	7.41	8.01	8.8	1.934	96.1	3.2	1.3	0.8
1110	7/23/2014 2:31:11	18.23	51.67	34.03	7.37	8.00	8.7	1.825	95.8	3.3	1.4	0.8
1111	7/23/2014 2:46:11	18.50	51.62	34.00	7.22	8.00	8.1	1.705	94.4	3.4	1.4	0.8
1112	7/23/2014 3:01:11	18.81	51.68	34.04	7.14	8.00	8.2	1.587	93.9	3.0	1.3	0.7
1113	7/23/2014 3:16:11	18.86	51.54	33.94	7.00	7.98	6.9	1.475	92.1	3.1	1.3	0.7
1114	7/23/2014 3:31:11	19.13	51.83	34.16	6.98	7.98	6.5	1.387	92.4	2.6	1.1	0.6
1115	7/23/2014 3:46:11	19.18	51.83	34.16	6.91	7.98	5.4	1.331	91.6	3.0	1.3	0.7
1116	7/23/2014 4:01:11	19.26	51.90	34.20	6.78	7.97	5.2	1.253	90.0	2.3	1.0	0.5
1117	7/23/2014 4:16:11	19.56	51.96	34.25	6.86	7.98	4.3	1.238	91.6	2.7	1.1	0.6
1118	7/23/2014 4:31:11	19.73	51.98	34.26	6.78	7.99	3.6	1.231	90.8	3.2	1.3	0.8
1119	7/23/2014 4:46:11	19.82	51.87	34.18	7.06	7.99	3.5	1.241	94.7	2.8	1.2	0.6
1120	7/23/2014 5:01:11	20.14	52.00	34.28	7.42	8.04	2.8	1.283	100.2	2.9	1.2	0.7
1121	7/23/2014 5:16:10	20.04	51.86	34.18	7.41	8.03	3.2	1.341	99.7	2.8	1.2	0.7
1122	7/23/2014 5:31:11	20.14	52.04	34.31	7.58	8.05	3.7	1.415	102.3	2.6	1.1	0.6
1123	7/23/2014 5:46:11	20.05	51.91	34.21	7.55	8.04	3.6	1.475	101.6	2.3	1.0	0.5
1124	7/23/2014 6:01:11	19.95	51.95	34.24	7.41	8.03	3.9	1.553	99.7	2.2	0.9	0.5
1125	7/23/2014 6:16:11	20.12	51.89	34.20	7.06	8.00	5.4	1.630	95.2	3.8	1.6	0.9
1126	7/23/2014 6:31:11	20.19	51.86	34.18	6.88	7.98	6.8	1.697	92.9	5.1	2.1	1.2
1127	7/23/2014 6:46:10	19.88	51.66	34.03	7.07	7.99	6.1	1.775	94.8	4.0	1.7	0.9
1128	7/23/2014 7:01:10	19.72	51.73	34.08	7.10	7.99	5.4	1.852	94.9	3.8	1.6	0.9
1129	7/23/2014 7:16:10	19.60	51.79	34.12	7.11	7.99	5.4	1.933	94.9	3.3	1.4	0.8
1130	7/23/2014 7:31:11	19.45	51.70	34.06	7.20	8.00	4.8	2.008	95.8	2.4	1.0	0.6
1131	7/23/2014 7:46:10	19.14	51.54	33.94	7.15	7.99	4.8	2.085	94.6	2.5	1.1	0.6
1132	7/23/2014 8:01:11	18.92	51.63	34.01	7.12	7.98	5.2	2.172	93.8	2.8	1.2	0.7
1133	7/23/2014 8:16:11	18.84	51.57	33.96	7.07	7.97	5.9	2.252	92.9	3.0	1.3	0.7
1134	7/23/2014 8:31:11	18.69	51.58	33.97	7.02	7.96	5.9	2.335	92.1	3.3	1.4	0.8
1135	7/23/2014 8:46:11	18.40	51.44	33.87	7.14	7.97	5.9	2.412	93.0	3.1	1.3	0.7
1136	7/23/2014 9:01:11	18.17	51.41	33.84	7.22	7.97	5.6	2.484	93.8	3.8	1.6	0.9
1137	7/23/2014 9:16:11	18.03	51.47	33.88	7.28	7.98	5.9	2.571	94.3	3.5	1.5	0.8
1138	7/23/2014 9:31:11	17.93	51.49	33.90	7.31	7.98	6.4	2.631	94.4	3.8	1.6	0.9
1139	7/23/2014 9:46:11	17.80	51.35	33.80	7.35	7.99	5.9	2.700	94.8	3.5	1.5	0.8
1140	7/23/2014 10:01:11	17.53	51.40	33.83	7.49	8.00	6.0	2.771	96.1	3.7	1.6	0.9
1141	7/23/2014 10:16:11	17.23	51.16	33.65	7.67	8.01	5.6	2.826	97.7	3.8	1.6	0.9
1142	7/23/2014 10:31:11	16.98	51.19	33.67	7.77	8.01	5.3	2.879	98.5	4.5	1.9	1.1
1143	7/23/2014 10:46:11	16.52	51.16	33.64	7.97	8.02	4.3	2.924	100.1	3.7	1.6	0.9
1144	7/23/2014 11:01:11	16.29	50.94	33.47	8.04	8.03	3.6	2.965	100.4	3.1	1.3	0.7
1145	7/23/2014 11:16:11	16.15	51.03	33.54	7.99	8.03	2.9	2.994	99.6	3.2	1.3	0.8
1146	7/23/2014 11:31:11	16.96	51.02	33.55	7.70	8.02	4.5	2.990	97.4	3.3	1.4	0.8
1147	7/23/2014 11:46:11	16.29	51.21	33.67	7.87	8.03	3.7	2.983	98.4	3.6	1.5	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
1148	7/23/2014 12:01:11	16.21	51.09	33.59	7.93	8.03	3.4	2.976	98.9	3.2	1.3	0.7
1149	7/23/2014 12:16:11	16.42	51.10	33.60	7.90	8.03	3.7	2.927	99.0	2.8	1.2	0.7
1150	7/23/2014 12:31:11	17.04	51.19	33.67	7.78	8.02	4.6	2.875	98.7	3.5	1.5	0.8
1151	7/23/2014 12:46:11	17.62	51.26	33.73	7.72	8.02	5.4	2.809	99.1	3.4	1.4	0.8
1152	7/23/2014 13:01:11	17.91	51.34	33.79	7.68	8.02	5.2	2.753	99.2	3.0	1.3	0.7
1153	7/23/2014 13:16:11	18.18	51.37	33.81	7.64	8.01	6.5	2.692	99.2	3.6	1.5	0.8
1154	7/23/2014 13:31:11	18.34	51.25	33.73	7.53	8.00	5.1	2.622	98.0	2.9	1.2	0.7
1155	7/23/2014 13:46:11	18.55	51.43	33.86	7.55	8.01	4.8	2.556	98.7	2.4	1.0	0.6
1156	7/23/2014 14:01:11	18.75	51.41	33.85	7.48	8.00	5.2	2.500	98.1	3.7	1.6	0.9
1157	7/23/2014 14:16:11	18.93	51.31	33.77	7.38	7.99	4.6	2.448	97.2	3.6	1.5	0.8
1158	7/23/2014 14:31:11	19.23	51.52	33.92	7.33	7.99	4.8	2.394	97.1	2.7	1.1	0.6
1159	7/23/2014 14:46:11	19.47	51.45	33.87	7.27	7.98	4.6	2.333	96.6	2.2	0.9	0.5
1160	7/23/2014 15:01:11	19.60	51.57	33.96	7.15	7.98	5.0	2.302	95.4	2.6	1.1	0.6
1161	7/23/2014 15:16:11	19.64	51.56	33.95	7.13	7.97	3.9	2.266	95.2	2.9	1.2	0.7
1162	7/23/2014 15:31:11	19.70	51.68	34.04	7.21	7.98	4.3	2.218	96.4	3.0	1.3	0.7
1163	7/23/2014 15:46:11	19.76	51.64	34.02	7.24	7.99	4.0	2.200	96.9	3.0	1.3	0.7
1164	7/23/2014 16:01:11	19.87	51.67	34.04	7.39	8.00	3.2	2.187	99.1	2.8	1.2	0.7
1165	7/23/2014 16:16:11	19.79	51.54	33.94	7.79	8.01	4.7	2.192	104.2	3.5	1.5	0.8
1166	7/23/2014 16:31:11	19.70	51.64	34.02	7.60	8.00	4.7	2.188	101.6	3.3	1.4	0.8
1167	7/23/2014 16:46:11	19.77	51.65	34.03	7.61	8.00	4.1	2.217	101.9	3.8	1.6	0.9
1168	7/23/2014 17:01:11	19.72	51.56	33.95	7.66	8.01	4.3	2.255	102.4	3.9	1.6	0.9
1169	7/23/2014 17:16:11	19.74	51.71	34.06	7.78	8.01	4.4	2.286	104.1	4.9	2.1	1.1
1170	7/23/2014 17:31:11	19.59	51.58	33.97	7.66	8.00	5.4	2.343	102.1	4.6	1.9	1.1
1171	7/23/2014 17:46:11	19.46	51.54	33.94	7.62	8.00	5.0	2.398	101.4	4.7	2.0	1.1
1172	7/23/2014 18:01:11	19.44	51.42	33.86	7.78	8.01	5.9	2.462	103.4	4.3	1.8	1.0
1173	7/23/2014 18:16:11	19.07	51.51	33.92	7.90	8.02	5.6	2.521	104.4	4.3	1.8	1.0
1174	7/23/2014 18:31:11	18.84	51.42	33.86	7.92	8.02	5.4	2.587	104.0	4.7	2.0	1.1
1175	7/23/2014 18:46:11	18.70	51.49	33.90	7.79	8.01	5.1	2.658	102.1	4.3	1.8	1.0
1176	7/23/2014 19:01:11	18.38	51.35	33.80	7.87	8.02	5.0	2.729	102.6	4.2	1.8	1.0
1177	7/23/2014 19:16:11	17.64	51.42	33.85	7.98	8.02	5.7	2.800	102.5	4.6	1.9	1.1
1178	7/23/2014 19:31:11	17.46	51.28	33.74	8.02	8.03	5.1	2.870	102.6	3.4	1.4	0.8
1179	7/23/2014 19:46:11	17.29	51.35	33.79	8.03	8.03	4.5	2.954	102.4	4.2	1.8	1.0
1180	7/23/2014 20:01:12	16.95	51.30	33.75	8.17	8.04	4.8	3.034	103.6	4.7	2.0	1.1
1181	7/23/2014 20:16:11	16.41	51.13	33.62	8.36	8.05	5.3	3.109	104.8	4.9	2.1	1.2
1182	7/23/2014 20:31:11	16.14	51.18	33.65	8.57	8.06	5.0	3.189	106.8	6.0	2.5	1.4
1183	7/23/2014 20:46:11	15.81	50.99	33.51	8.90	8.09	5.0	3.270	110.1	6.8	2.9	1.6
1184	7/23/2014 21:01:11	15.47	51.11	33.58	9.13	8.10	5.0	3.341	112.2	8.7	3.7	2.1
1185	7/23/2014 21:16:12	15.33	51.01	33.51	9.24	8.11	4.3	3.400	113.3	8.3	3.5	1.9
1186	7/23/2014 21:31:11	15.10	50.91	33.43	9.38	8.12	4.1	3.464	114.5	8.2	3.4	1.9
1187	7/23/2014 21:46:11	14.97	50.90	33.42	9.49	8.13	2.9	3.520	115.5	10.2	4.3	2.4
1188	7/23/2014 22:01:11	14.88	50.96	33.46	9.53	8.13	2.9	3.551	115.8	10.7	4.5	2.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
1189	7/23/2014 22:16:11	14.87	50.95	33.45	9.28	8.12	1.9	3.566	112.7	5.1	2.1	1.2
1190	7/23/2014 22:31:12	15.25	51.23	33.67	8.96	8.10	4.7	3.575	109.8	5.3	2.2	1.2
1191	7/23/2014 22:46:11	14.91	50.86	33.39	9.29	8.12	3.6	3.573	112.8	6.9	2.9	1.6
1192	7/23/2014 23:01:12	15.13	50.78	33.33	9.08	8.10	5.6	3.531	110.8	6.7	2.8	1.6
1193	7/23/2014 23:16:12	15.06	51.02	33.51	8.77	8.09	9.4	3.473	107.0	9.0	3.8	2.1
1194	7/23/2014 23:31:12	14.93	50.95	33.46	8.88	8.10	8.1	3.409	107.9	9.2	3.9	2.2
1195	7/23/2014 23:46:11	14.87	50.92	33.43	8.89	8.10	8.6	3.332	108.0	9.4	3.9	2.2
1196	7/24/2014 0:01:11	14.85	50.98	33.48	8.91	8.10	7.3	3.237	108.2	7.4	3.1	1.7
1197	7/24/2014 0:16:12	15.26	50.91	33.44	8.64	8.08	9.0	3.135	105.7	7.2	3.0	1.7
1198	7/24/2014 0:31:11	16.52	51.10	33.60	7.92	8.04	11.5	3.027	99.5	5.0	2.1	1.2
1199	7/24/2014 0:46:11	17.06	51.16	33.65	7.93	8.04	9.2	2.932	100.6	5.2	2.2	1.2
1200	7/24/2014 1:01:11	17.48	51.21	33.69	7.70	8.02	9.4	2.826	98.5	5.0	2.1	1.2
1201	7/24/2014 1:16:11	18.10	51.46	33.88	7.36	8.00	9.6	2.703	95.5	4.6	1.9	1.1
1202	7/24/2014 1:31:11	18.39	51.48	33.90	7.22	8.00	11.3	2.589	94.1	3.9	1.6	0.9
1203	7/24/2014 1:46:11	17.89	51.29	33.75	7.30	8.00	10.4	2.480	94.2	5.1	2.1	1.2
1204	7/24/2014 2:01:11	17.44	51.38	33.82	7.47	8.00	9.4	2.357	95.5	3.8	1.6	0.9
1205	7/24/2014 2:16:11	17.02	51.45	33.86	7.53	8.01	9.7	2.233	95.6	4.6	1.9	1.1
1206	7/24/2014 2:31:11	17.49	51.46	33.87	7.39	8.00	9.4	2.101	94.7	3.8	1.6	0.9
1207	7/24/2014 2:46:11	18.15	51.57	33.96	7.22	8.00	9.6	1.976	93.7	3.8	1.6	0.9
1208	7/24/2014 3:01:11	18.27	51.58	33.97	7.15	7.99	10.6	1.849	93.0	4.0	1.7	0.9
1209	7/24/2014 3:16:11	18.18	51.53	33.93	7.01	7.98	9.8	1.723	91.0	3.9	1.6	0.9
1210	7/24/2014 3:31:11	18.10	51.63	34.01	6.87	7.97	10.3	1.611	89.2	3.9	1.6	0.9
1211	7/24/2014 3:46:11	18.58	51.56	33.96	6.79	7.97	9.4	1.481	88.9	3.8	1.6	0.9
1212	7/24/2014 4:01:11	18.68	51.76	34.10	6.72	7.96	7.8	1.384	88.1	3.6	1.5	0.9
1213	7/24/2014 4:16:11	19.05	51.84	34.16	6.66	7.96	7.5	1.274	88.1	3.4	1.4	0.8
1214	7/24/2014 4:31:11	19.17	51.72	34.07	6.63	7.96	6.4	1.211	87.8	3.4	1.4	0.8
1215	7/24/2014 4:46:11	19.24	51.82	34.15	6.59	7.96	5.7	1.157	87.4	3.3	1.4	0.8
1216	7/24/2014 5:01:11	19.26	51.85	34.17	6.40	7.96	4.2	1.125	84.9	3.0	1.3	0.7
1217	7/24/2014 5:16:11	19.12	51.80	34.13	6.61	7.96	5.0	1.142	87.4	3.8	1.6	0.9
1218	7/24/2014 5:31:11	19.56	51.89	34.20	6.74	7.99	4.0	1.168	89.9	3.6	1.5	0.8
1219	7/24/2014 5:46:11	19.42	51.84	34.17	6.72	7.98	5.4	1.221	89.4	2.9	1.2	0.7
1220	7/24/2014 6:01:11	19.73	51.82	34.15	6.90	8.02	6.7	1.275	92.4	3.1	1.3	0.7
1221	7/24/2014 6:16:11	19.73	51.88	34.19	6.95	8.03	5.4	1.340	93.0	2.7	1.1	0.6
1222	7/24/2014 6:31:11	19.65	51.97	34.26	6.94	8.03	5.5	1.414	92.8	2.9	1.2	0.7
1223	7/24/2014 6:46:10	19.62	51.77	34.11	6.95	8.02	6.1	1.478	92.8	3.4	1.4	0.8
1224	7/24/2014 7:01:11	19.61	51.72	34.08	6.96	8.03	5.8	1.545	92.9	3.2	1.3	0.7
1225	7/24/2014 7:16:11	19.58	51.82	34.15	6.95	8.03	6.4	1.621	92.8	2.8	1.2	0.7
1226	7/24/2014 7:31:11	19.44	51.74	34.09	6.93	8.01	5.9	1.693	92.3	2.8	1.2	0.7
1227	7/24/2014 7:46:11	19.45	51.75	34.09	6.96	8.02	6.7	1.775	92.7	3.0	1.3	0.7
1228	7/24/2014 8:01:11	19.39	51.87	34.19	6.95	8.01	6.4	1.856	92.4	3.5	1.5	0.8
1229	7/24/2014 8:16:11	19.33	51.67	34.04	6.94	8.01	6.4	1.944	92.2	3.8	1.6	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
1230	7/24/2014 8:31:11	19.33	51.61	34.00	6.92	8.00	6.8	2.040	91.9	3.2	1.3	0.7
1231	7/24/2014 8:46:11	19.20	51.78	34.12	6.91	7.99	7.1	2.133	91.6	3.3	1.4	0.8
1232	7/24/2014 9:01:11	18.82	51.69	34.05	6.93	7.97	7.0	2.217	91.2	3.7	1.6	0.9
1233	7/24/2014 9:16:11	18.54	51.61	33.99	6.92	7.96	6.7	2.301	90.5	4.1	1.7	1.0
1234	7/24/2014 9:31:11	18.31	51.42	33.85	6.97	7.96	7.8	2.400	90.7	3.6	1.5	0.8
1235	7/24/2014 9:46:11	18.14	51.40	33.84	7.04	7.97	7.5	2.482	91.4	4.1	1.7	1.0
1236	7/24/2014 10:01:11	18.01	51.43	33.85	7.10	7.97	8.9	2.552	91.9	3.6	1.5	0.9
1237	7/24/2014 10:16:11	17.88	51.22	33.70	7.16	7.97	7.9	2.637	92.4	3.6	1.5	0.8
1238	7/24/2014 10:31:11	17.73	51.35	33.80	7.20	7.98	8.1	2.704	92.7	3.7	1.6	0.9
1239	7/24/2014 10:46:11	17.34	51.19	33.67	7.47	7.99	9.0	2.765	95.3	3.6	1.5	0.8
1240	7/24/2014 11:01:11	17.11	51.09	33.60	7.61	8.01	7.1	2.829	96.6	4.5	1.9	1.1
1241	7/24/2014 11:16:11	16.82	51.16	33.65	7.77	8.01	6.4	2.880	98.2	4.3	1.8	1.0
1242	7/24/2014 11:31:12	16.45	51.15	33.63	7.99	8.03	5.2	2.934	100.2	5.3	2.2	1.2
1243	7/24/2014 11:46:11	16.30	51.02	33.54	8.05	8.04	3.9	2.959	100.6	4.7	2.0	1.1
1244	7/24/2014 12:01:11	16.29	51.03	33.54	7.97	8.04	3.2	2.981	99.6	2.4	1.0	0.6
1245	7/24/2014 12:16:11	16.40	51.09	33.59	7.49	8.00	3.2	3.011	93.8	2.4	1.0	0.6
1246	7/24/2014 12:31:12	16.21	51.07	33.57	7.79	8.02	4.4	3.002	97.2	3.8	1.6	0.9
1247	7/24/2014 12:46:11	16.21	50.87	33.42	7.98	8.03	4.5	2.965	99.5	3.5	1.5	0.8
1248	7/24/2014 13:01:11	16.43	50.95	33.49	7.91	8.03	6.4	2.926	99.0	4.3	1.8	1.0
1249	7/24/2014 13:16:11	16.99	51.12	33.62	7.93	8.04	9.6	2.891	100.5	5.1	2.1	1.2
1250	7/24/2014 13:31:11	17.17	51.01	33.54	7.96	8.04	15.1	2.811	101.2	5.5	2.3	1.3
1251	7/24/2014 13:46:11	17.37	51.19	33.67	7.95	8.04	18.0	2.746	101.5	5.4	2.3	1.3
1252	7/24/2014 14:01:11	17.54	51.21	33.69	7.89	8.04	17.7	2.682	101.1	5.7	2.4	1.3
1253	7/24/2014 14:16:11	17.71	51.29	33.76	7.90	8.04	16.6	2.604	101.5	5.0	2.1	1.2
1254	7/24/2014 14:31:11	18.04	51.23	33.71	7.75	8.03	16.9	2.546	100.2	4.5	1.9	1.1
1255	7/24/2014 14:46:11	18.35	51.31	33.77	7.56	8.01	19.8	2.465	98.5	5.0	2.1	1.2
1256	7/24/2014 15:01:11	18.71	51.44	33.86	7.40	8.00	20.7	2.407	97.0	4.8	2.0	1.1
1257	7/24/2014 15:16:11	19.00	51.45	33.88	7.23	7.99	20.2	2.358	95.3	5.1	2.1	1.2
1258	7/24/2014 15:31:11	19.18	51.24	33.72	7.10	7.97	22.5	2.295	93.9	4.9	2.1	1.2
1259	7/24/2014 15:46:11	19.28	51.56	33.96	7.03	7.96	19.5	2.238	93.2	5.4	2.3	1.3
1260	7/24/2014 16:01:11	19.33	51.52	33.93	6.95	7.96	21.1	2.199	92.2	5.1	2.1	1.2
1261	7/24/2014 16:16:10	19.41	51.37	33.82	6.93	7.96	19.1	2.167	92.0	5.0	2.1	1.2
1262	7/24/2014 16:31:11	19.48	51.54	33.94	6.78	7.95	15.0	2.134	90.3	4.6	1.9	1.1
1263	7/24/2014 16:46:11	19.52	51.60	33.98	6.76	7.95	15.0	2.109	90.1	4.6	1.9	1.1
1264	7/24/2014 17:01:11	19.56	51.55	33.95	6.62	7.94	13.0	2.106	88.2	4.6	1.9	1.1
1265	7/24/2014 17:16:11	19.70	51.63	34.01	6.70	7.95	13.8	2.117	89.6	4.5	1.9	1.0
1266	7/24/2014 17:31:11	19.67	51.75	34.10	7.11	7.98	11.7	2.138	95.1	5.0	2.1	1.2
1267	7/24/2014 17:46:11	19.57	51.60	33.99	7.09	7.97	11.9	2.151	94.5	4.9	2.1	1.1
1268	7/24/2014 18:01:11	19.57	51.56	33.96	7.13	7.98	11.7	2.205	95.1	4.8	2.0	1.1
1269	7/24/2014 18:16:10	19.45	51.52	33.93	7.19	7.98	13.3	2.259	95.6	5.1	2.1	1.2
1270	7/24/2014 18:31:11	19.49	51.52	33.93	7.28	7.98	14.5	2.316	96.9	5.5	2.3	1.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
1271	7/24/2014 18:46:11	19.35	51.42	33.85	7.26	7.98	14.4	2.377	96.4	5.6	2.4	1.3
1272	7/24/2014 19:01:11	19.37	51.49	33.90	7.35	7.99	13.4	2.448	97.6	5.2	2.2	1.2
1273	7/24/2014 19:16:10	19.32	51.30	33.76	7.48	8.00	17.7	2.516	99.1	6.4	2.7	1.5
1274	7/24/2014 19:31:11	19.00	51.46	33.89	7.55	8.01	17.2	2.595	99.6	6.0	2.5	1.4
1275	7/24/2014 19:46:11	18.85	51.33	33.79	7.62	8.02	12.4	2.660	100.1	5.3	2.2	1.2
1276	7/24/2014 20:01:11	18.29	51.41	33.85	7.69	8.01	19.7	2.739	100.1	5.6	2.4	1.3
1277	7/24/2014 20:16:11	17.46	51.27	33.74	7.98	8.03	13.4	2.819	102.1	5.5	2.3	1.3
1278	7/24/2014 20:31:11	17.08	51.09	33.60	8.08	8.04	12.3	2.889	102.6	6.0	2.5	1.4
1279	7/24/2014 20:46:11	16.93	51.09	33.60	8.13	8.05	12.8	2.973	102.9	6.3	2.6	1.5
1280	7/24/2014 21:01:11	16.36	51.14	33.63	8.37	8.06	13.4	3.053	104.8	7.6	3.2	1.8
1281	7/24/2014 21:16:11	16.12	50.97	33.50	8.45	8.07	12.1	3.137	105.2	7.2	3.0	1.7
1282	7/24/2014 21:31:11	15.77	50.94	33.47	8.75	8.09	12.6	3.222	108.2	9.2	3.9	2.2
1283	7/24/2014 21:46:11	15.51	50.90	33.43	8.88	8.10	10.1	3.288	109.2	10.1	4.2	2.4
1284	7/24/2014 22:01:11	15.19	50.89	33.42	9.06	8.11	7.8	3.362	110.7	10.1	4.2	2.4
1285	7/24/2014 22:16:11	14.94	50.72	33.29	9.19	8.12	7.0	3.427	111.6	9.9	4.2	2.3
1286	7/24/2014 22:31:11	14.75	50.71	33.28	9.24	8.12	5.1	3.475	111.9	10.5	4.4	2.5
1287	7/24/2014 22:46:11	14.79	50.75	33.30	9.09	8.12	4.7	3.505	110.1	9.9	4.2	2.3
1288	7/24/2014 23:01:11	14.81	50.56	33.17	8.78	8.12	2.5	3.544	106.3	6.2	2.6	1.5
1289	7/24/2014 23:16:11	15.76	50.38	33.05	8.23	8.08	4.7	3.547	101.4	8.2	3.4	1.9
1290	7/24/2014 23:31:11	15.15	50.77	33.33	8.65	8.08	5.1	3.518	105.6	6.7	2.8	1.6
1291	7/24/2014 23:46:11	15.03	50.78	33.33	8.77	8.09	4.5	3.497	106.7	8.2	3.4	1.9
1292	7/25/2014 0:01:11	15.33	50.82	33.37	8.49	8.07	7.8	3.442	104.0	6.4	2.7	1.5
1293	7/25/2014 0:16:11	15.31	50.80	33.36	8.54	8.08	7.2	3.361	104.5	7.1	3.0	1.7
1294	7/25/2014 0:31:11	15.47	50.91	33.44	8.49	8.07	7.6	3.277	104.4	7.8	3.3	1.8
1295	7/25/2014 0:46:11	15.33	51.08	33.56	8.48	8.08	8.0	3.181	103.9	7.8	3.3	1.8
1296	7/25/2014 1:01:11	15.78	51.18	33.64	8.36	8.06	8.4	3.095	103.5	6.8	2.9	1.6
1297	7/25/2014 1:16:11	16.71	51.27	33.73	7.82	8.03	11.1	2.986	98.6	6.1	2.6	1.4
1298	7/25/2014 1:31:11	17.03	51.21	33.68	7.62	8.01	11.2	2.873	96.6	5.7	2.4	1.3
1299	7/25/2014 1:46:11	17.54	51.36	33.80	7.19	7.99	11.7	2.782	92.2	6.0	2.5	1.4
1300	7/25/2014 2:01:11	18.05	51.59	33.98	6.89	7.96	13.4	2.652	89.3	5.6	2.4	1.3
1301	7/25/2014 2:16:11	18.39	51.73	34.08	6.49	7.94	16.1	2.547	84.7	5.2	2.2	1.2
1302	7/25/2014 2:31:11	18.76	51.82	34.15	6.24	7.90	15.5	2.433	82.0	5.5	2.3	1.3
1303	7/25/2014 2:46:11	18.17	51.48	33.89	6.73	7.96	17.0	2.307	87.4	5.2	2.2	1.2
1304	7/25/2014 3:01:11	17.72	51.58	33.97	7.01	7.98	15.6	2.181	90.3	5.2	2.2	1.2
1305	7/25/2014 3:16:11	17.43	51.49	33.90	7.10	7.98	16.0	2.071	90.8	5.1	2.1	1.2
1306	7/25/2014 3:31:11	17.45	51.55	33.94	6.98	7.97	17.3	1.939	89.4	4.6	1.9	1.1
1307	7/25/2014 3:46:11	17.58	51.54	33.94	6.83	7.96	16.3	1.805	87.7	5.0	2.1	1.2
1308	7/25/2014 4:01:11	17.76	51.58	33.97	6.71	7.95	15.7	1.682	86.4	4.4	1.8	1.0
1309	7/25/2014 4:16:11	18.03	51.58	33.97	6.49	7.93	15.8	1.571	84.1	4.7	2.0	1.1
1310	7/25/2014 4:31:11	18.27	51.67	34.03	6.36	7.92	15.4	1.435	82.8	4.0	1.7	0.9
1311	7/25/2014 4:46:11	18.55	51.67	34.04	6.23	7.91	14.7	1.327	81.5	4.0	1.7	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
1312	7/25/2014 5:01:11	18.78	51.78	34.12	6.15	7.91	14.2	1.228	80.9	4.0	1.7	0.9
1313	7/25/2014 5:16:11	18.96	51.75	34.09	6.07	7.90	11.6	1.143	80.1	3.9	1.6	0.9
1314	7/25/2014 5:31:11	19.02	51.82	34.15	6.01	7.90	11.2	1.089	79.3	3.9	1.6	0.9
1315	7/25/2014 5:46:11	19.06	51.89	34.20	5.88	7.89	10.8	1.052	77.7	4.1	1.7	1.0
1316	7/25/2014 6:01:11	18.91	51.87	34.19	5.97	7.89	8.6	1.059	78.7	3.9	1.6	0.9
1317	7/25/2014 6:16:11	19.05	51.96	34.25	6.01	7.89	9.0	1.091	79.6	3.9	1.6	0.9
1318	7/25/2014 6:31:11	19.15	51.82	34.15	5.98	7.89	9.3	1.128	79.2	3.3	1.4	0.8
1319	7/25/2014 6:46:11	19.22	51.99	34.27	5.97	7.89	9.7	1.192	79.3	3.9	1.6	0.9
1320	7/25/2014 7:01:11	19.23	51.93	34.23	5.95	7.89	10.6	1.265	78.9	3.7	1.6	0.9
1321	7/25/2014 7:16:11	19.25	51.89	34.20	5.89	7.89	10.6	1.336	78.2	4.1	1.7	1.0
1322	7/25/2014 7:31:11	19.20	51.80	34.13	5.91	7.89	10.6	1.411	78.4	3.9	1.6	0.9
1323	7/25/2014 7:46:11	19.19	51.96	34.25	5.93	7.89	11.2	1.511	78.6	3.6	1.5	0.8
1324	7/25/2014 8:01:11	18.97	51.85	34.17	6.09	7.90	9.9	1.574	80.4	3.3	1.4	0.8
1325	7/25/2014 8:16:11	18.91	51.72	34.08	6.11	7.90	10.0	1.670	80.5	3.2	1.3	0.8
1326	7/25/2014 8:31:11	18.77	51.83	34.15	6.21	7.91	9.5	1.760	81.6	3.4	1.4	0.8
1327	7/25/2014 8:46:11	18.84	51.84	34.16	6.22	7.91	10.3	1.846	81.9	3.7	1.6	0.9
1328	7/25/2014 9:01:11	18.90	51.76	34.11	6.22	7.92	10.6	1.944	82.0	3.7	1.6	0.9
1329	7/25/2014 9:16:11	18.92	51.75	34.09	6.21	7.92	10.6	2.036	81.8	4.0	1.7	0.9
1330	7/25/2014 9:31:11	18.74	51.69	34.05	6.39	7.93	10.7	2.124	83.9	4.0	1.7	0.9
1331	7/25/2014 9:46:11	18.44	51.70	34.06	6.58	7.94	10.3	2.220	85.9	3.9	1.6	0.9
1332	7/25/2014 10:01:11	18.19	51.52	33.92	6.70	7.95	11.7	2.310	87.1	3.6	1.5	0.8
1333	7/25/2014 10:16:11	17.96	51.50	33.91	6.80	7.95	12.0	2.390	87.9	4.1	1.7	1.0
1334	7/25/2014 10:31:11	17.78	51.45	33.87	6.93	7.96	13.5	2.478	89.3	4.3	1.8	1.0
1335	7/25/2014 10:46:11	17.71	51.44	33.86	6.98	7.97	12.0	2.551	89.8	4.0	1.7	0.9
1336	7/25/2014 11:01:11	17.49	51.33	33.78	7.14	7.98	12.7	2.631	91.5	4.2	1.8	1.0
1337	7/25/2014 11:16:11	17.16	51.29	33.75	7.34	7.99	13.9	2.702	93.4	4.3	1.8	1.0
1338	7/25/2014 11:31:11	16.78	51.13	33.63	7.59	8.01	10.4	2.777	95.8	4.2	1.8	1.0
1339	7/25/2014 11:46:11	16.27	51.08	33.58	7.90	8.03	7.9	2.839	98.7	5.5	2.3	1.3
1340	7/25/2014 12:01:11	15.93	51.08	33.57	8.08	8.04	6.4	2.899	100.3	5.8	2.4	1.4
1341	7/25/2014 12:16:11	15.81	51.02	33.53	8.17	8.05	5.0	2.957	101.1	4.6	1.9	1.1
1342	7/25/2014 12:31:12	15.77	51.05	33.55	8.16	8.05	3.9	2.988	101.0	4.3	1.8	1.0
	Mean	16.76	51.73	34.06	7.71	8.01	8.24	2.48	97.27	4.65	1.95	1.09
	Minimum	12.34	50.38	33.02	5.79	7.81	1.90	0.69	73.70	1.30	0.55	0.30
	Maximum	20.29	52.76	34.84	11.72	8.30	23.70	3.99	141.20	17.00	7.14	4.00

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

Chlorophyll/Fluorescence displayed as *in vivo* (non-extractive) readings from YSI 6025 chlorophyll probe

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #		Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.42)	Fluorescence %FS
Chlorophyll corrected with ratio derived from extractive analysis; Sample collected at 13:00; value = 2.65													

Flagged data due to suspect values (i.e., equipment malfunction, interference, etc.)

Data listed as outlier and discarded due to field issues (i.e., equipment malfunction, interference, etc.)

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
0	7/25/2014 13:16:03	15.91	51.356	33.780	8.02	8.01	6.4	3.024	99.6	5.2	3.5	1.2
1	7/25/2014 13:31:03	15.88	51.383	33.800	7.97	8.02	6.1	2.985	98.9	6.1	4.1	1.4
2	7/25/2014 13:46:03	15.89	51.390	33.800	7.97	8.02	5.7	2.927	99.0	4.6	3.1	1.1
3	7/25/2014 14:01:03	16.37	51.495	33.890	7.95	8.02	6.7	2.888	99.7	4.5	3.1	1.1
4	7/25/2014 14:16:03	16.99	51.544	33.930	7.94	8.02	9.5	2.824	100.8	5.3	3.6	1.3
5	7/25/2014 14:31:03	17.38	51.524	33.920	7.92	8.02	9.3	2.737	101.3	5.4	3.7	1.3
6	7/25/2014 14:46:03	17.55	51.552	33.940	7.85	8.02	10.5	2.662	100.8	4.7	3.2	1.1
7	7/25/2014 15:01:03	17.81	51.588	33.970	7.76	8.01	9.2	2.595	100.1	4.9	3.3	1.2
8	7/25/2014 15:16:03	18.08	51.631	34.010	7.73	8.01	8.7	2.523	100.2	4.9	3.3	1.2
9	7/25/2014 15:31:03	18.35	51.667	34.030	7.59	7.99	9.9	2.448	99.0	4.8	3.3	1.1
10	7/25/2014 15:46:03	18.78	51.739	34.090	7.40	7.98	9.2	2.380	97.3	4.3	2.9	1.0
11	7/25/2014 16:01:03	19.09	51.807	34.140	7.30	7.98	9.7	2.319	96.5	4.1	2.8	1.0
12	7/25/2014 16:16:03	19.18	51.799	34.130	7.19	7.97	7.8	2.264	95.2	4.2	2.9	1.0
13	7/25/2014 16:31:03	19.32	51.816	34.150	7.32	7.98	7.5	2.206	97.2	4.0	2.7	1.0
14	7/25/2014 16:46:03	19.40	51.836	34.160	7.16	7.97	7.9	2.147	95.2	4.2	2.9	1.0
15	7/25/2014 17:01:03	19.45	51.837	34.160	7.05	7.96	5.5	2.113	93.8	3.4	2.3	0.8
16	7/25/2014 17:16:03	19.48	51.815	34.140	7.13	7.96	6.1	2.082	95.0	3.8	2.6	0.9
17	7/25/2014 17:31:03	19.57	51.796	34.130	7.06	7.96	4.8	2.059	94.2	4.5	3.1	1.1
18	7/25/2014 17:46:03	19.65	51.781	34.120	6.71	7.95	4.8	2.044	89.6	4.9	3.3	1.2
19	7/25/2014 18:01:03	19.47	51.717	34.070	7.61	7.99	6.4	2.047	101.4	5.1	3.5	1.2
20	7/25/2014 18:16:03	19.55	51.751	34.100	7.56	7.99	7.3	2.076	100.8	4.9	3.3	1.2
21	7/25/2014 18:31:03	19.54	51.740	34.090	7.59	7.99	7.5	2.103	101.1	5.2	3.5	1.2
22	7/25/2014 18:46:03	19.67	51.800	34.130	7.51	7.98	7.7	2.141	100.5	5.2	3.5	1.2
23	7/25/2014 19:01:02	19.74	51.797	34.130	7.59	7.99	7.6	2.205	101.6	6.0	4.1	1.4
24	7/25/2014 19:16:03	19.81	51.805	34.140	7.50	7.98	8.0	2.267	100.6	6.0	4.1	1.4
25	7/25/2014 19:31:03	20.00	51.808	34.140	7.55	7.98	11.0	2.331	101.5	6.2	4.2	1.5
26	7/25/2014 19:46:03	19.47	51.681	34.050	7.65	7.99	10.8	2.404	101.8	6.0	4.1	1.4
27	7/25/2014 20:01:03	19.14	51.608	33.990	7.65	7.99	9.4	2.483	101.2	5.8	3.9	1.4
28	7/25/2014 20:16:03	18.81	51.542	33.940	7.63	7.99	10.5	2.557	100.3	5.8	3.9	1.4
29	7/25/2014 20:31:03	18.12	51.430	33.860	7.65	7.99	10.1	2.633	99.2	5.3	3.6	1.3
30	7/25/2014 20:46:03	17.73	51.379	33.820	7.63	7.99	9.0	2.703	98.2	4.8	3.3	1.1
31	7/25/2014 21:01:03	17.51	51.332	33.780	7.64	7.99	9.9	2.789	97.9	5.3	3.6	1.3
32	7/25/2014 21:16:03	17.37	51.337	33.780	7.71	8.00	9.5	2.872	98.5	5.4	3.7	1.3
33	7/25/2014 21:31:03	16.94	51.269	33.730	7.86	8.01	9.4	2.951	99.5	5.6	3.8	1.3
34	7/25/2014 21:46:03	16.24	51.169	33.640	8.00	8.01	10.4	3.038	99.9	5.3	3.6	1.3
35	7/25/2014 22:01:03	15.77	51.120	33.600	8.06	8.01	9.2	3.120	99.7	5.0	3.4	1.2
36	7/25/2014 22:16:03	15.48	51.087	33.570	8.14	8.01	7.3	3.201	100.1	5.7	3.9	1.3
37	7/25/2014 22:31:03	15.12	51.068	33.550	8.18	8.01	6.8	3.272	99.9	4.7	3.2	1.1
38	7/25/2014 22:46:04	14.65	51.087	33.550	8.13	8.01	5.3	3.346	98.3	5.0	3.4	1.2
39	7/25/2014 23:01:04	14.42	51.035	33.510	8.06	8.00	4.1	3.411	97.0	4.2	2.9	1.0
40	7/25/2014 23:16:03	14.23	51.059	33.520	7.98	7.99	3.6	3.454	95.7	4.2	2.9	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
41	7/25/2014 23:31:03	14.08	51.051	33.510	7.89	7.98	2.9	3.495	94.4	3.6	2.4	0.9
42	7/25/2014 23:46:03	14.07	51.040	33.500	7.72	7.97	1.9	3.516	92.2	2.1	1.4	0.5
43	7/26/2014 0:01:03	14.63	51.148	33.590	7.71	7.98	3.9	3.521	93.2	3.7	2.5	0.9
44	7/26/2014 0:16:03	14.05	51.081	33.530	7.66	7.97	3.1	3.493	91.6	3.4	2.3	0.8
45	7/26/2014 0:31:04	14.15	51.033	33.500	7.69	7.98	3.7	3.457	92.0	3.0	2.0	0.7
46	7/26/2014 0:46:04	14.84	51.090	33.560	7.64	7.98	6.2	3.402	92.8	4.5	3.1	1.1
47	7/26/2014 1:01:04	15.18	51.050	33.540	7.64	7.99	7.6	3.310	93.4	4.1	2.8	1.0
48	7/26/2014 1:16:03	15.05	51.106	33.570	7.66	7.98	6.1	3.221	93.4	4.3	2.9	1.0
49	7/26/2014 1:31:03	15.66	51.141	33.610	7.63	7.99	6.5	3.122	94.1	4.4	3.0	1.0
50	7/26/2014 1:46:03	16.39	51.234	33.700	7.51	7.99	8.5	3.014	94.1	4.5	3.1	1.1
51	7/26/2014 2:01:03	16.72	51.330	33.770	7.41	7.99	7.8	2.913	93.5	4.1	2.8	1.0
52	7/26/2014 2:16:03	16.77	51.333	33.770	7.40	7.98	8.1	2.799	93.5	4.3	2.9	1.0
53	7/26/2014 2:31:03	17.28	51.423	33.850	7.15	7.96	9.2	2.700	91.3	4.3	2.9	1.0
54	7/26/2014 2:46:03	17.98	51.446	33.870	6.83	7.94	8.8	2.574	88.3	4.1	2.8	1.0
55	7/26/2014 3:01:03	18.24	51.556	33.950	6.85	7.94	9.8	2.463	89.1	4.4	3.0	1.1
56	7/26/2014 3:16:03	18.25	51.566	33.960	6.82	7.94	11.3	2.347	88.7	4.1	2.8	1.0
57	7/26/2014 3:31:03	18.04	51.535	33.940	6.77	7.94	10.6	2.219	87.7	4.4	3.0	1.0
58	7/26/2014 3:46:03	17.63	51.467	33.880	6.80	7.93	12.1	2.100	87.3	4.0	2.7	0.9
59	7/26/2014 4:01:03	17.39	51.417	33.840	6.80	7.93	11.3	1.971	86.9	4.3	2.9	1.0
60	7/26/2014 4:16:03	17.53	51.470	33.880	6.67	7.92	11.7	1.840	85.5	4.1	2.8	1.0
61	7/26/2014 4:31:03	17.71	51.609	33.990	6.67	7.92	10.4	1.715	85.8	4.2	2.9	1.0
62	7/26/2014 4:46:03	18.17	51.600	33.980	6.50	7.91	10.4	1.591	84.4	4.5	3.1	1.1
63	7/26/2014 5:01:03	18.34	51.637	34.010	6.42	7.91	10.1	1.470	83.7	3.9	2.7	0.9
64	7/26/2014 5:16:03	18.71	51.764	34.110	6.39	7.91	10.0	1.343	83.9	3.9	2.7	0.9
65	7/26/2014 5:31:03	18.84	51.756	34.100	6.32	7.91	8.0	1.251	83.2	3.3	2.2	0.8
66	7/26/2014 5:46:03	18.99	51.817	34.150	6.29	7.90	7.7	1.175	83.0	3.7	2.5	0.9
67	7/26/2014 6:01:03	19.05	51.820	34.150	6.23	7.90	7.3	1.079	82.3	4.2	2.9	1.0
68	7/26/2014 6:16:03	19.04	51.820	34.150	6.16	7.89	6.4	1.050	81.3	3.8	2.6	0.9
69	7/26/2014 6:31:03	19.00	51.864	34.180	5.96	7.88	6.5	1.034	78.8	3.1	2.1	0.7
70	7/26/2014 6:46:02	19.10	51.851	34.170	6.17	7.90	5.6	1.037	81.7	3.6	2.4	0.9
71	7/26/2014 7:01:03	19.06	51.833	34.160	6.21	7.90	5.7	1.075	82.2	3.3	2.2	0.8
72	7/26/2014 7:16:03	19.17	51.866	34.180	6.21	7.90	5.0	1.144	82.3	3.3	2.2	0.8
73	7/26/2014 7:31:03	19.39	51.906	34.210	6.29	7.91	5.1	1.215	83.7	3.8	2.6	0.9
74	7/26/2014 7:46:03	19.49	51.983	34.270	6.31	7.91	5.3	1.279	84.1	3.3	2.2	0.8
75	7/26/2014 8:01:03	19.44	51.960	34.250	6.29	7.90	5.3	1.374	83.8	2.9	2.0	0.7
76	7/26/2014 8:16:03	19.49	51.989	34.270	6.31	7.91	5.5	1.443	84.1	4.0	2.7	0.9
77	7/26/2014 8:31:03	19.41	51.954	34.250	6.33	7.91	5.1	1.533	84.3	2.9	2.0	0.7
78	7/26/2014 8:46:03	19.12	51.859	34.180	6.38	7.91	5.4	1.620	84.5	3.0	2.0	0.7
79	7/26/2014 9:01:03	19.12	51.851	34.170	6.40	7.91	6.4	1.706	84.7	3.4	2.3	0.8
80	7/26/2014 9:16:03	19.18	51.871	34.190	6.40	7.91	6.9	1.793	84.8	3.1	2.1	0.7
81	7/26/2014 9:31:03	19.22	51.886	34.200	6.41	7.91	6.4	1.891	85.1	3.4	2.3	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
82	7/26/2014 9:46:03	19.19	51.894	34.200	6.39	7.91	6.9	1.991	84.7	3.4	2.3	0.8
83	7/26/2014 10:01:03	18.95	51.786	34.120	6.42	7.91	8.3	2.092	84.7	3.5	2.4	0.8
84	7/26/2014 10:16:03	18.72	51.707	34.060	6.46	7.91	8.7	2.183	84.8	3.8	2.6	0.9
85	7/26/2014 10:31:03	18.53	51.651	34.020	6.55	7.91	8.7	2.272	85.6	4.0	2.7	0.9
86	7/26/2014 10:46:03	18.25	51.591	33.980	6.64	7.92	9.7	2.364	86.4	3.7	2.5	0.9
87	7/26/2014 11:01:03	18.06	51.550	33.950	6.74	7.93	10.3	2.456	87.3	4.3	2.9	1.0
88	7/26/2014 11:16:03	17.96	51.525	33.930	6.79	7.93	9.0	2.536	87.8	3.9	2.7	0.9
89	7/26/2014 11:31:03	17.77	51.454	33.870	6.86	7.93	10.8	2.616	88.4	3.7	2.5	0.9
90	7/26/2014 11:46:03	17.34	51.376	33.810	7.01	7.94	10.1	2.694	89.5	4.1	2.8	1.0
91	7/26/2014 12:01:03	16.98	51.352	33.790	7.16	7.94	8.9	2.767	90.8	4.2	2.9	1.0
92	7/26/2014 12:16:03	16.41	51.283	33.730	7.26	7.95	7.6	2.833	91.0	4.4	3.0	1.0
93	7/26/2014 12:31:03	15.96	51.231	33.690	7.35	7.95	5.3	2.894	91.3	3.9	2.7	0.9
94	7/26/2014 12:46:04	15.68	51.213	33.670	7.40	7.96	4.9	2.962	91.4	3.6	2.4	0.9
95	7/26/2014 13:01:04	15.47	51.164	33.630	7.44	7.96	3.6	3.009	91.5	3.3	2.2	0.8
96	7/26/2014 13:16:03	15.44	51.162	33.620	7.39	7.96	3.2	3.040	90.9	3.1	2.1	0.7
97	7/26/2014 13:31:03	15.44	51.140	33.610	7.13	7.94	3.2	3.057	87.7	2.4	1.6	0.6
98	7/26/2014 13:46:03	15.44	51.208	33.660	7.23	7.94	3.4	3.056	88.8	2.7	1.8	0.6
99	7/26/2014 14:01:04	15.46	51.155	33.620	7.29	7.95	3.9	3.041	89.6	3.4	2.3	0.8
100	7/26/2014 14:16:03	15.51	51.157	33.620	7.23	7.95	4.6	2.983	89.0	3.3	2.2	0.8
101	7/26/2014 14:31:03	15.91	51.235	33.690	7.29	7.95	4.5	2.917	90.5	2.9	2.0	0.7
102	7/26/2014 14:46:03	17.15	51.324	33.770	7.44	7.96	11.4	2.857	94.7	3.8	2.6	0.9
103	7/26/2014 15:01:03	17.44	51.317	33.770	7.47	7.97	6.6	2.773	95.5	3.1	2.1	0.7
104	7/26/2014 15:16:03	17.57	51.339	33.790	7.53	7.97	6.8	2.689	96.6	4.0	2.7	0.9
105	7/26/2014 15:31:03	17.84	51.367	33.810	7.64	7.98	7.4	2.602	98.5	3.6	2.4	0.9
106	7/26/2014 15:46:03	18.32	51.414	33.850	7.54	7.97	7.5	2.524	98.1	3.5	2.4	0.8
107	7/26/2014 16:01:03	18.72	51.526	33.930	7.33	7.96	9.7	2.450	96.1	4.4	3.0	1.0
108	7/26/2014 16:16:03	19.06	51.589	33.980	7.39	7.96	8.8	2.380	97.6	3.5	2.4	0.8
109	7/26/2014 16:31:03	19.42	51.657	34.030	7.34	7.96	10.2	2.311	97.6	3.4	2.3	0.8
110	7/26/2014 16:46:03	19.52	51.653	34.030	7.45	7.97	7.9	2.240	99.2	3.8	2.6	0.9
111	7/26/2014 17:01:03	19.70	51.608	33.990	7.55	7.98	6.6	2.178	100.8	3.3	2.2	0.8
112	7/26/2014 17:16:03	19.54	51.636	34.010	7.56	7.98	6.3	2.128	100.8	3.7	2.5	0.9
113	7/26/2014 17:31:03	19.72	51.709	34.070	7.47	7.98	4.3	2.071	99.9	3.6	2.4	0.8
114	7/26/2014 17:46:03	19.59	51.615	34.000	7.54	7.98	5.9	2.028	100.6	3.3	2.2	0.8
115	7/26/2014 18:01:03	19.85	51.665	34.030	7.34	7.98	4.5	1.998	98.3	3.9	2.7	0.9
116	7/26/2014 18:16:03	19.81	51.706	34.060	7.13	7.95	3.9	1.988	95.6	3.5	2.4	0.8
117	7/26/2014 18:31:03	19.45	51.538	33.940	7.72	7.98	5.5	1.979	102.7	4.2	2.9	1.0
118	7/26/2014 18:46:03	19.66	51.629	34.010	7.86	7.99	5.3	1.984	105.0	4.6	3.1	1.1
119	7/26/2014 19:01:03	19.78	51.701	34.060	7.89	7.99	5.1	2.008	105.6	5.2	3.5	1.2
120	7/26/2014 19:16:03	19.89	51.726	34.080	7.85	7.99	5.7	2.055	105.3	4.7	3.2	1.1
121	7/26/2014 19:31:03	20.23	51.835	34.160	7.82	7.99	6.3	2.109	105.7	5.7	3.9	1.3
122	7/26/2014 19:46:03	19.94	51.746	34.090	7.72	7.98	6.4	2.164	103.7	5.2	3.5	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
123	7/26/2014 20:01:03	20.45	51.809	34.140	7.67	7.98	8.7	2.231	104.1	5.8	3.9	1.4
124	7/26/2014 20:16:03	20.01	51.724	34.080	7.62	7.97	8.6	2.313	102.5	5.7	3.9	1.3
125	7/26/2014 20:31:03	19.64	51.654	34.030	7.56	7.97	8.0	2.385	100.9	5.7	3.9	1.3
126	7/26/2014 20:46:03	19.36	51.610	33.990	7.49	7.96	7.9	2.452	99.4	5.1	3.5	1.2
127	7/26/2014 21:01:03	18.87	51.534	33.940	7.43	7.96	7.6	2.534	97.8	5.4	3.7	1.3
128	7/26/2014 21:16:03	17.95	51.423	33.850	7.27	7.94	6.5	2.608	94.0	4.7	3.2	1.1
129	7/26/2014 21:31:03	17.69	51.391	33.830	7.22	7.94	7.0	2.690	92.8	4.5	3.1	1.1
130	7/26/2014 21:46:03	17.52	51.388	33.820	7.24	7.94	6.0	2.767	92.8	4.2	2.9	1.0
131	7/26/2014 22:01:03	17.26	51.338	33.780	7.27	7.95	7.2	2.846	92.7	3.9	2.7	0.9
132	7/26/2014 22:16:03	16.61	51.287	33.740	7.27	7.94	7.3	2.936	91.5	4.0	2.7	1.0
133	7/26/2014 22:31:03	15.95	51.226	33.680	7.29	7.94	7.9	3.012	90.5	5.1	3.5	1.2
134	7/26/2014 22:46:03	15.39	51.219	33.670	7.26	7.94	6.2	3.093	89.2	4.0	2.7	1.0
135	7/26/2014 23:01:03	14.88	51.116	33.580	7.26	7.94	5.7	3.174	88.3	4.5	3.1	1.1
136	7/26/2014 23:16:04	14.54	51.159	33.600	7.19	7.93	4.6	3.256	86.8	3.7	2.5	0.9
137	7/26/2014 23:31:04	14.24	51.179	33.600	7.12	7.93	4.3	3.311	85.4	3.6	2.4	0.9
138	7/26/2014 23:46:03	14.01	51.160	33.580	7.16	7.93	3.2	3.373	85.5	3.7	2.5	0.9
139	7/27/2014 0:01:03	13.85	51.154	33.570	7.20	7.94	2.6	3.423	85.7	4.1	2.8	1.0
140	7/27/2014 0:16:04	13.84	51.201	33.610	7.13	7.93	2.6	3.448	84.8	4.5	3.1	1.1
141	7/27/2014 0:31:04	14.34	51.312	33.710	6.87	7.92	2.8	3.466	82.7	4.5	3.1	1.1
142	7/27/2014 0:46:04	14.08	51.181	33.600	6.92	7.92	3.0	3.454	82.8	4.1	2.8	1.0
143	7/27/2014 1:01:03	13.91	51.152	33.570	7.05	7.93	3.4	3.425	84.0	3.2	2.2	0.8
144	7/27/2014 1:16:04	14.59	51.250	33.670	6.88	7.92	4.0	3.378	83.1	3.3	2.2	0.8
145	7/27/2014 1:31:03	15.63	51.263	33.700	6.79	7.92	6.2	3.308	83.9	3.8	2.6	0.9
146	7/27/2014 1:46:03	15.42	51.387	33.790	6.83	7.91	5.7	3.220	84.1	3.2	2.2	0.8
147	7/27/2014 2:01:03	15.69	51.349	33.770	6.78	7.91	7.7	3.116	83.9	4.0	2.7	0.9
148	7/27/2014 2:16:03	15.76	51.113	33.590	6.77	7.91	6.8	3.028	83.7	6.5	4.4	1.5
149	7/27/2014 2:31:03	16.38	51.387	33.810	6.87	7.92	7.9	2.923	86.1	3.9	2.7	0.9
150	7/27/2014 2:46:03	16.61	51.408	33.830	6.83	7.92	7.9	2.809	86.0	3.5	2.4	0.8
151	7/27/2014 3:01:03	17.12	51.431	33.850	6.78	7.91	6.9	2.705	86.3	3.9	2.7	0.9
152	7/27/2014 3:16:03	17.62	51.519	33.920	6.67	7.91	7.9	2.603	85.7	4.1	2.8	1.0
153	7/27/2014 3:31:03	18.21	51.580	33.970	6.49	7.90	8.5	2.495	84.3	4.2	2.9	1.0
154	7/27/2014 3:46:03	18.19	51.575	33.970	6.69	7.91	9.3	2.363	86.9	4.1	2.8	1.0
155	7/27/2014 4:01:03	18.29	51.605	33.990	6.58	7.91	9.7	2.244	85.7	3.6	2.4	0.9
156	7/27/2014 4:16:03	17.78	51.558	33.950	6.46	7.89	10.1	2.132	83.3	4.1	2.8	1.0
157	7/27/2014 4:31:03	17.50	51.485	33.890	6.49	7.88	10.6	2.005	83.2	4.3	2.9	1.0
158	7/27/2014 4:46:03	17.75	51.557	33.950	6.43	7.89	11.3	1.871	82.9	3.2	2.2	0.8
159	7/27/2014 5:01:03	17.96	51.560	33.950	6.40	7.89	10.1	1.742	82.7	3.9	2.7	0.9
160	7/27/2014 5:16:03	18.23	51.655	34.020	6.40	7.89	9.4	1.627	83.3	3.2	2.2	0.8
161	7/27/2014 5:31:03	18.52	51.686	34.050	6.27	7.88	8.2	1.491	82.0	3.4	2.3	0.8
162	7/27/2014 5:46:03	18.68	51.747	34.090	6.33	7.89	8.2	1.367	83.1	3.8	2.6	0.9
163	7/27/2014 6:01:03	19.01	51.785	34.120	6.36	7.89	7.7	1.274	84.0	3.7	2.5	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
164	7/27/2014 6:16:03	19.21	51.826	34.150	6.37	7.90	6.8	1.169	84.5	3.2	2.2	0.8
165	7/27/2014 6:31:03	19.40	51.887	34.200	6.38	7.90	5.7	1.103	84.9	3.5	2.4	0.8
166	7/27/2014 6:46:03	19.43	51.902	34.210	6.26	7.89	5.0	1.053	83.3	2.5	1.7	0.6
167	7/27/2014 7:01:03	19.49	51.897	34.210	6.18	7.89	3.8	1.036	82.4	2.9	2.0	0.7
168	7/27/2014 7:16:03	19.43	51.863	34.180	6.33	7.90	4.5	1.052	84.3	3.1	2.1	0.7
169	7/27/2014 7:31:03	19.50	51.931	34.230	6.40	7.90	4.7	1.089	85.4	3.3	2.2	0.8
170	7/27/2014 7:46:03	19.66	51.975	34.260	6.47	7.91	4.3	1.139	86.6	3.2	2.2	0.8
171	7/27/2014 8:01:03	19.85	52.001	34.280	6.60	7.92	4.1	1.214	88.6	3.0	2.0	0.7
172	7/27/2014 8:16:03	19.87	52.023	34.300	6.66	7.93	4.2	1.297	89.4	2.8	1.9	0.7
173	7/27/2014 8:31:03	19.76	51.971	34.260	6.58	7.92	4.5	1.370	88.2	2.9	2.0	0.7
174	7/27/2014 8:46:03	19.75	51.978	34.260	6.61	7.92	4.4	1.461	88.6	2.5	1.7	0.6
175	7/27/2014 9:01:03	19.66	51.956	34.250	6.63	7.92	4.9	1.546	88.7	3.2	2.2	0.8
176	7/27/2014 9:16:03	19.58	51.938	34.240	6.57	7.91	5.6	1.632	87.8	3.7	2.5	0.9
177	7/27/2014 9:31:03	19.57	51.940	34.240	6.55	7.91	5.7	1.717	87.4	3.7	2.5	0.9
178	7/27/2014 9:46:03	19.47	51.905	34.210	6.55	7.91	5.6	1.801	87.3	3.4	2.3	0.8
179	7/27/2014 10:01:03	19.48	51.919	34.220	6.54	7.91	5.9	1.903	87.2	3.6	2.4	0.8
180	7/27/2014 10:16:03	19.37	51.844	34.170	6.54	7.91	6.6	1.996	86.9	3.3	2.2	0.8
181	7/27/2014 10:31:03	19.12	51.793	34.130	6.51	7.90	6.8	2.079	86.1	5.3	3.6	1.3
182	7/27/2014 10:46:03	18.98	51.732	34.080	6.47	7.89	6.9	2.186	85.4	9.5	6.5	2.2
183	7/27/2014 11:01:03	18.70	51.698	34.060	6.50	7.89	8.3	2.284	85.3	3.6	2.4	0.9
184	7/27/2014 11:16:03	18.33	51.612	33.990	6.53	7.89	8.9	2.369	85.1	3.8	2.6	0.9
185	7/27/2014 11:31:03	18.07	51.564	33.960	6.57	7.89	8.6	2.463	85.2	3.4	2.3	0.8
186	7/27/2014 11:46:03	17.91	51.547	33.940	6.60	7.89	7.3	2.538	85.2	4.0	2.7	0.9
187	7/27/2014 12:01:03	17.73	51.522	33.920	6.61	7.89	9.4	2.623	85.1	3.5	2.4	0.8
188	7/27/2014 12:16:03	17.24	51.431	33.850	6.71	7.90	8.7	2.705	85.5	3.9	2.7	0.9
189	7/27/2014 12:31:03	16.79	51.386	33.810	6.79	7.90	9.0	2.775	85.9	3.6	2.4	0.8
190	7/27/2014 12:46:03	16.14	51.323	33.760	6.91	7.91	6.8	2.848	86.2	3.9	2.7	0.9
191	7/27/2014 13:01:03	15.63	51.280	33.710	7.03	7.92	5.6	2.907	86.8	3.8	2.6	0.9
192	7/27/2014 13:16:03	15.38	51.254	33.690	7.09	7.92	4.2	2.972	87.1	4.2	2.9	1.0
193	7/27/2014 13:31:03	15.16	51.224	33.660	7.19	7.93	4.8	3.027	87.9	3.7	2.5	0.9
194	7/27/2014 13:46:04	15.09	51.229	33.660	7.17	7.94	3.6	3.052	87.6	3.4	2.3	0.8
195	7/27/2014 14:01:04	15.09	51.221	33.660	7.12	7.93	3.1	3.082	86.9	3.7	2.5	0.9
196	7/27/2014 14:16:03	15.56	51.389	33.790	6.90	7.92	4.0	3.091	85.1	3.3	2.2	0.8
197	7/27/2014 14:31:04	15.16	51.248	33.680	7.04	7.93	3.6	3.074	86.1	4.1	2.8	1.0
198	7/27/2014 14:46:03	15.24	51.215	33.660	7.05	7.93	3.5	3.023	86.3	4.1	2.8	1.0
199	7/27/2014 15:01:04	15.50	51.198	33.650	7.03	7.93	3.7	2.968	86.6	4.1	2.8	1.0
200	7/27/2014 15:16:03	16.82	51.337	33.780	7.28	7.94	5.3	2.920	92.0	3.4	2.3	0.8
201	7/27/2014 15:31:03	16.92	51.287	33.740	7.31	7.94	5.7	2.815	92.6	3.8	2.6	0.9
202	7/27/2014 15:46:04	17.59	51.366	33.810	7.54	7.96	7.3	2.738	96.8	4.0	2.7	0.9
203	7/27/2014 16:01:03	17.79	51.417	33.850	7.37	7.95	6.1	2.647	95.0	3.2	2.2	0.8
204	7/27/2014 16:16:03	18.01	51.400	33.840	7.56	7.96	6.5	2.566	97.8	3.7	2.5	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
205	7/27/2014 16:31:03	18.61	51.507	33.920	7.29	7.94	6.5	2.493	95.4	3.4	2.3	0.8
206	7/27/2014 16:46:03	18.93	51.559	33.960	7.25	7.94	6.8	2.413	95.6	3.3	2.2	0.8
207	7/27/2014 17:01:03	19.19	51.553	33.950	7.45	7.96	7.6	2.344	98.6	3.7	2.5	0.9
208	7/27/2014 17:16:03	19.49	51.637	34.010	7.31	7.95	6.7	2.270	97.3	3.4	2.3	0.8
209	7/27/2014 17:31:03	19.69	51.635	34.010	7.48	7.96	6.5	2.209	99.9	3.7	2.5	0.9
210	7/27/2014 17:46:03	19.77	51.637	34.010	7.56	7.97	5.9	2.145	101.2	3.2	2.2	0.8
211	7/27/2014 18:01:03	19.82	51.658	34.030	7.72	7.98	5.0	2.087	103.4	4.2	2.9	1.0
212	7/27/2014 18:16:03	19.89	51.702	34.060	7.78	7.98	4.6	2.043	104.3	4.4	3.0	1.0
213	7/27/2014 18:31:03	20.06	51.718	34.070	8.18	8.01	5.1	2.003	110.2	3.9	2.7	0.9
214	7/27/2014 18:46:03	20.29	51.693	34.050	8.21	8.01	5.0	1.976	111.0	4.4	3.0	1.0
215	7/27/2014 19:01:03	20.33	51.744	34.090	7.60	7.99	4.1	1.968	102.8	3.6	2.4	0.8
216	7/27/2014 19:16:02	20.25	51.716	34.070	8.08	8.01	4.3	1.976	109.1	4.1	2.8	1.0
217	7/27/2014 19:31:03	20.32	51.735	34.080	8.19	8.01	4.8	1.988	110.8	4.2	2.9	1.0
218	7/27/2014 19:46:03	20.24	51.775	34.110	7.97	7.99	5.1	2.017	107.6	4.7	3.2	1.1
219	7/27/2014 20:01:02	20.35	51.763	34.100	7.95	7.99	5.6	2.064	107.5	4.6	3.1	1.1
220	7/27/2014 20:16:02	20.29	51.790	34.120	7.91	7.99	5.9	2.120	107.0	5.0	3.4	1.2
221	7/27/2014 20:31:02	20.40	51.792	34.130	7.69	7.97	8.3	2.185	104.1	4.5	3.1	1.1
222	7/27/2014 20:46:03	20.30	51.753	34.100	7.62	7.96	8.3	2.268	103.1	6.1	4.1	1.5
223	7/27/2014 21:01:03	19.87	51.682	34.050	7.56	7.96	7.5	2.334	101.3	5.4	3.7	1.3
224	7/27/2014 21:16:03	19.55	51.621	34.000	7.46	7.95	7.2	2.405	99.5	4.7	3.2	1.1
225	7/27/2014 21:31:03	19.08	51.570	33.960	7.38	7.94	7.4	2.487	97.5	5.2	3.5	1.2
226	7/27/2014 21:46:03	18.32	51.475	33.890	7.17	7.92	7.5	2.567	93.3	4.9	3.3	1.2
227	7/27/2014 22:01:03	17.82	51.423	33.850	7.03	7.91	6.6	2.634	90.6	4.6	3.1	1.1
228	7/27/2014 22:16:03	17.61	51.422	33.850	7.01	7.91	6.2	2.717	90.0	4.9	3.3	1.2
229	7/27/2014 22:31:03	17.51	51.404	33.830	7.00	7.91	6.7	2.802	89.7	4.5	3.1	1.1
230	7/27/2014 22:46:03	16.89	51.354	33.790	7.04	7.91	7.2	2.876	89.1	5.0	3.4	1.2
231	7/27/2014 23:01:03	16.26	51.288	33.730	7.08	7.92	7.7	2.958	88.5	4.2	2.9	1.0
232	7/27/2014 23:16:03	15.65	51.270	33.710	7.10	7.92	7.5	3.042	87.8	4.6	3.1	1.1
233	7/27/2014 23:31:03	15.09	51.237	33.670	7.19	7.92	7.1	3.120	87.8	5.2	3.5	1.2
234	7/27/2014 23:46:03	14.62	51.234	33.660	7.18	7.92	5.4	3.199	86.9	4.3	2.9	1.0
235	7/28/2014 0:01:03	14.23	51.225	33.640	7.15	7.92	4.2	3.261	85.8	4.9	3.3	1.2
236	7/28/2014 0:16:04	13.99	51.222	33.630	7.10	7.92	3.2	3.324	84.8	4.7	3.2	1.1
237	7/28/2014 0:31:03	13.85	51.214	33.620	7.10	7.92	3.1	3.370	84.5	5.9	4.0	1.4
238	7/28/2014 0:46:03	13.66	51.212	33.610	7.16	7.92	2.3	3.411	84.9	4.4	3.0	1.1
239	7/28/2014 1:01:03	13.62	51.209	33.610	7.10	7.92	2.0	3.435	84.1	5.1	3.5	1.2
240	7/28/2014 1:16:04	14.05	51.322	33.700	6.92	7.91	3.2	3.438	82.7	4.8	3.3	1.1
241	7/28/2014 1:31:04	13.79	51.257	33.650	6.92	7.91	2.7	3.432	82.3	3.0	2.0	0.7
242	7/28/2014 1:46:04	13.80	51.208	33.610	6.90	7.91	2.9	3.395	82.1	4.0	2.7	0.9
243	7/28/2014 2:01:04	14.17	51.285	33.680	6.89	7.91	3.4	3.328	82.6	3.2	2.2	0.8
244	7/28/2014 2:16:04	15.32	51.156	33.620	6.69	7.90	6.3	3.266	82.0	3.8	2.6	0.9
245	7/28/2014 2:31:03	15.54	51.302	33.730	6.66	7.89	5.9	3.188	82.1	4.5	3.1	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
246	7/28/2014 2:46:03	15.81	51.332	33.760	6.67	7.89	6.7	3.083	82.6	4.1	2.8	1.0
247	7/28/2014 3:01:03	16.15	51.355	33.780	6.73	7.90	7.8	2.975	84.0	3.7	2.5	0.9
248	7/28/2014 3:16:04	16.66	51.450	33.860	6.74	7.90	7.7	2.878	85.0	4.0	2.7	0.9
249	7/28/2014 3:31:03	16.95	51.397	33.820	6.72	7.90	6.8	2.777	85.2	3.5	2.4	0.8
250	7/28/2014 3:46:03	17.15	51.486	33.890	6.67	7.89	7.3	2.658	84.9	3.9	2.7	0.9
251	7/28/2014 4:01:03	17.95	51.490	33.900	6.44	7.88	8.3	2.554	83.3	3.3	2.2	0.8
252	7/28/2014 4:16:03	18.25	51.591	33.980	6.50	7.89	9.0	2.443	84.5	3.5	2.4	0.8
253	7/28/2014 4:31:03	18.46	51.640	34.010	6.48	7.88	9.0	2.326	84.6	3.6	2.4	0.8
254	7/28/2014 4:46:03	18.37	51.624	34.000	6.53	7.88	10.2	2.206	85.1	3.7	2.5	0.9
255	7/28/2014 5:01:03	18.08	51.559	33.950	6.50	7.88	9.4	2.090	84.3	3.6	2.4	0.9
256	7/28/2014 5:16:03	18.24	51.597	33.980	6.44	7.88	9.2	1.962	83.8	3.2	2.2	0.8
257	7/28/2014 5:31:03	18.25	51.598	33.980	6.41	7.88	8.7	1.851	83.4	3.3	2.2	0.8
258	7/28/2014 5:46:03	18.40	51.608	33.990	6.36	7.87	9.8	1.724	83.0	3.1	2.1	0.7
259	7/28/2014 6:01:03	18.54	51.692	34.050	6.34	7.87	9.6	1.607	82.9	3.7	2.5	0.9
260	7/28/2014 6:16:03	18.80	51.722	34.080	6.32	7.87	7.9	1.498	83.1	3.2	2.2	0.8
261	7/28/2014 6:31:03	19.04	51.756	34.100	6.32	7.87	6.9	1.384	83.5	3.1	2.1	0.7
262	7/28/2014 6:46:03	19.26	51.794	34.130	6.32	7.88	7.0	1.301	83.9	3.1	2.1	0.7
263	7/28/2014 7:01:03	19.49	51.841	34.160	6.36	7.89	6.1	1.237	84.7	3.2	2.2	0.8
264	7/28/2014 7:16:03	19.54	51.872	34.190	6.35	7.88	5.3	1.174	84.7	2.6	1.8	0.6
265	7/28/2014 7:31:03	19.74	51.912	34.220	6.28	7.89	5.2	1.154	84.1	3.1	2.1	0.7
266	7/28/2014 7:46:03	19.49	51.822	34.150	6.17	7.87	5.6	1.163	82.2	2.7	1.8	0.6
267	7/28/2014 8:01:03	19.77	51.944	34.240	6.45	7.90	4.3	1.197	86.5	2.8	1.9	0.7
268	7/28/2014 8:16:03	19.70	51.885	34.200	6.38	7.89	4.3	1.236	85.4	2.9	2.0	0.7
269	7/28/2014 8:31:03	20.16	52.014	34.290	6.66	7.93	5.1	1.302	89.9	3.2	2.2	0.8
270	7/28/2014 8:46:02	20.11	51.983	34.270	6.74	7.93	4.3	1.382	90.9	2.6	1.8	0.6
271	7/28/2014 9:01:03	19.99	51.961	34.250	6.66	7.92	4.5	1.466	89.6	3.0	2.0	0.7
272	7/28/2014 9:16:03	19.92	51.953	34.250	6.65	7.92	4.9	1.556	89.4	2.8	1.9	0.7
273	7/28/2014 9:31:03	19.98	51.968	34.260	6.58	7.91	6.1	1.626	88.6	3.4	2.3	0.8
274	7/28/2014 9:46:03	19.86	51.958	34.250	6.57	7.91	6.7	1.720	88.3	3.2	2.2	0.8
275	7/28/2014 10:01:03	19.72	51.915	34.220	6.55	7.90	6.2	1.815	87.7	3.0	2.0	0.7
276	7/28/2014 10:16:03	19.62	51.896	34.200	6.52	7.90	6.1	1.901	87.1	3.0	2.0	0.7
277	7/28/2014 10:31:03	19.58	51.882	34.190	6.52	7.90	6.6	1.989	87.1	3.1	2.1	0.7
278	7/28/2014 10:46:03	19.29	51.811	34.140	6.48	7.89	6.5	2.088	86.1	3.0	2.0	0.7
279	7/28/2014 11:01:03	19.04	51.693	34.050	6.45	7.88	7.2	2.187	85.2	3.6	2.4	0.9
280	7/28/2014 11:16:03	18.85	51.684	34.050	6.43	7.87	8.1	2.279	84.7	3.1	2.1	0.7
281	7/28/2014 11:31:03	18.55	51.625	34.000	6.46	7.87	8.4	2.368	84.5	3.4	2.3	0.8
282	7/28/2014 11:46:03	18.23	51.580	33.970	6.47	7.87	8.7	2.463	84.1	3.5	2.4	0.8
283	7/28/2014 12:01:03	17.98	51.541	33.940	6.50	7.87	8.9	2.557	84.1	3.5	2.4	0.8
284	7/28/2014 12:16:03	17.75	51.523	33.920	6.51	7.87	10.1	2.640	83.9	3.6	2.4	0.9
285	7/28/2014 12:31:03	17.33	51.427	33.850	6.61	7.87	9.9	2.718	84.4	3.6	2.4	0.8
286	7/28/2014 12:46:03	16.91	51.413	33.830	6.69	7.88	9.5	2.810	84.8	3.7	2.5	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
287	7/28/2014 13:01:03	16.46	51.370	33.800	6.73	7.88	11.7	2.878	84.5	3.8	2.6	0.9
288	7/28/2014 13:16:03	15.71	51.267	33.710	6.86	7.89	6.6	2.956	84.9	3.9	2.7	0.9
289	7/28/2014 13:31:04	15.28	51.271	33.700	6.94	7.90	5.9	3.030	85.1	4.3	2.9	1.0
290	7/28/2014 13:46:03	15.00	51.243	33.670	6.96	7.91	5.4	3.083	84.9	5.1	3.5	1.2
291	7/28/2014 14:01:04	14.81	51.244	33.670	6.99	7.91	4.3	3.140	84.9	3.9	2.7	0.9
292	7/28/2014 14:16:04	14.74	51.244	33.670	6.99	7.91	3.2	3.175	84.8	3.7	2.5	0.9
293	7/28/2014 14:31:04	15.06	51.165	33.620	6.77	7.91	3.1	3.191	82.7	3.9	2.7	0.9
294	7/28/2014 14:46:04	14.99	51.281	33.700	6.89	7.90	4.1	3.194	84.0	3.8	2.6	0.9
295	7/28/2014 15:01:04	14.80	51.250	33.670	6.91	7.91	4.2	3.163	83.9	4.0	2.7	0.9
296	7/28/2014 15:16:04	14.91	51.252	33.680	6.87	7.91	4.0	3.119	83.7	4.3	2.9	1.0
297	7/28/2014 15:31:04	16.47	51.258	33.710	7.11	7.92	7.5	3.053	89.2	3.6	2.4	0.9
298	7/28/2014 15:46:03	16.62	51.318	33.760	7.13	7.92	6.2	2.986	89.7	3.6	2.4	0.8
299	7/28/2014 16:01:03	16.92	51.343	33.780	7.40	7.94	6.5	2.902	93.7	3.9	2.7	0.9
300	7/28/2014 16:16:03	17.32	51.372	33.810	7.44	7.94	7.2	2.813	95.0	3.6	2.4	0.9
301	7/28/2014 16:31:03	17.19	51.432	33.850	7.62	7.96	6.4	2.737	97.1	3.5	2.4	0.8
302	7/28/2014 16:46:03	17.90	51.411	33.840	7.49	7.94	6.1	2.644	96.7	3.4	2.3	0.8
303	7/28/2014 17:01:03	18.51	51.546	33.950	7.30	7.93	6.2	2.567	95.4	3.8	2.6	0.9
304	7/28/2014 17:16:03	18.86	51.582	33.970	7.25	7.93	7.2	2.489	95.4	3.5	2.4	0.8
305	7/28/2014 17:31:03	19.18	51.600	33.990	7.35	7.94	7.8	2.408	97.3	3.4	2.3	0.8
306	7/28/2014 17:46:03	19.28	51.626	34.010	7.31	7.93	7.8	2.353	97.0	3.9	2.7	0.9
307	7/28/2014 18:01:03	19.22	51.664	34.030	7.53	7.95	6.4	2.275	99.8	4.2	2.9	1.0
308	7/28/2014 18:16:03	19.20	51.593	33.980	7.73	7.96	6.4	2.206	102.4	4.1	2.8	1.0
309	7/28/2014 18:31:03	19.16	51.642	34.020	7.81	7.97	6.3	2.148	103.3	3.9	2.7	0.9
310	7/28/2014 18:46:03	19.33	51.615	34.000	7.75	7.97	5.7	2.096	103.0	4.3	2.9	1.0
311	7/28/2014 19:01:03	19.37	51.688	34.050	7.95	7.98	5.3	2.043	105.7	4.6	3.1	1.1
312	7/28/2014 19:16:03	19.79	51.802	34.130	7.89	7.98	5.1	2.009	105.7	4.7	3.2	1.1
313	7/28/2014 19:31:03	19.80	51.788	34.120	7.92	7.99	4.8	1.990	106.2	4.8	3.3	1.1
314	7/28/2014 19:46:03	20.23	51.879	34.190	7.82	7.99	4.2	1.976	105.7	3.6	2.4	0.8
315	7/28/2014 20:01:03	20.37	51.925	34.220	7.53	7.99	4.5	1.990	102.0	4.7	3.2	1.1
316	7/28/2014 20:16:02	20.35	51.889	34.200	7.89	7.99	4.4	2.006	106.8	4.4	3.0	1.0
317	7/28/2014 20:31:03	20.16	51.867	34.180	7.88	7.99	5.1	2.057	106.3	4.4	3.0	1.0
318	7/28/2014 20:46:03	20.08	51.838	34.160	7.72	7.97	5.6	2.109	104.0	4.7	3.2	1.1
319	7/28/2014 21:01:03	19.91	51.811	34.140	7.62	7.96	6.1	2.161	102.3	4.8	3.3	1.1
320	7/28/2014 21:16:03	20.15	51.817	34.140	7.45	7.95	8.5	2.251	100.5	5.5	3.7	1.3
321	7/28/2014 21:31:03	19.87	51.750	34.100	7.42	7.94	8.3	2.325	99.6	5.1	3.5	1.2
322	7/28/2014 21:46:03	19.51	51.715	34.070	7.36	7.93	7.3	2.396	98.0	4.8	3.3	1.1
323	7/28/2014 22:01:03	19.21	51.683	34.050	7.29	7.92	6.7	2.473	96.5	4.7	3.2	1.1
324	7/28/2014 22:16:03	18.67	51.592	33.980	7.17	7.91	7.1	2.547	94.0	4.8	3.3	1.1
325	7/28/2014 22:31:03	17.87	51.487	33.900	6.95	7.89	6.7	2.629	89.7	4.7	3.2	1.1
326	7/28/2014 22:46:03	17.66	51.477	33.890	6.90	7.89	6.5	2.695	88.7	4.8	3.3	1.1
327	7/28/2014 23:01:03	17.40	51.447	33.860	6.91	7.89	6.3	2.778	88.4	4.1	2.8	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
328	7/28/2014 23:16:04	17.20	51.439	33.860	6.93	7.90	6.2	2.855	88.3	4.4	3.0	1.0
329	7/28/2014 23:31:03	16.82	51.389	33.820	6.97	7.90	5.8	2.924	88.2	4.6	3.1	1.1
330	7/28/2014 23:46:03	16.31	51.326	33.760	7.12	7.91	6.7	3.010	89.1	5.1	3.5	1.2
331	7/29/2014 0:01:03	15.99	51.309	33.740	7.21	7.91	8.1	3.077	89.7	5.2	3.5	1.2
332	7/29/2014 0:16:03	15.45	51.276	33.710	7.46	7.93	7.7	3.152	91.8	5.9	4.0	1.4
333	7/29/2014 0:31:03	14.85	51.231	33.660	7.72	7.95	5.8	3.217	93.8	6.5	4.4	1.5
334	7/29/2014 0:46:03	14.60	51.223	33.650	7.78	7.95	5.6	3.277	94.0	7.0	4.8	1.7
335	7/29/2014 1:01:03	14.49	51.211	33.640	7.78	7.95	4.5	3.333	93.8	5.6	3.8	1.3
336	7/29/2014 1:16:04	14.38	51.213	33.630	7.81	7.96	3.4	3.366	94.0	6.6	4.5	1.6
337	7/29/2014 1:31:03	14.30	51.223	33.640	7.82	7.96	3.5	3.396	94.0	7.8	5.3	1.9
338	7/29/2014 1:46:04	14.53	51.054	33.520	7.34	7.94	3.0	3.411	88.6	6.2	4.2	1.5
339	7/29/2014 2:01:03	14.59	51.243	33.660	7.51	7.93	3.0	3.397	90.8	4.6	3.1	1.1
340	7/29/2014 2:16:04	14.27	51.201	33.620	7.77	7.95	5.1	3.366	93.3	7.8	5.3	1.8
341	7/29/2014 2:31:04	14.81	51.202	33.640	7.24	7.93	4.5	3.315	87.9	4.7	3.2	1.1
342	7/29/2014 2:46:03	15.70	51.321	33.750	6.93	7.90	7.1	3.244	85.7	5.5	3.7	1.3
343	7/29/2014 3:01:03	15.86	51.352	33.770	6.87	7.89	7.4	3.176	85.2	4.9	3.3	1.2
344	7/29/2014 3:16:03	16.05	51.342	33.770	6.83	7.89	7.3	3.079	85.1	4.1	2.8	1.0
345	7/29/2014 3:31:04	16.13	51.302	33.740	6.92	7.90	8.0	2.981	86.2	4.7	3.2	1.1
346	7/29/2014 3:46:03	16.79	51.421	33.840	6.76	7.89	7.5	2.884	85.5	4.0	2.7	0.9
347	7/29/2014 4:01:03	17.03	51.456	33.870	6.67	7.88	7.3	2.780	84.7	3.6	2.4	0.8
348	7/29/2014 4:16:04	17.56	51.583	33.970	6.42	7.87	7.8	2.677	82.4	3.6	2.4	0.9
349	7/29/2014 4:31:03	18.15	51.624	34.000	6.17	7.85	7.8	2.568	80.1	3.3	2.2	0.8
350	7/29/2014 4:46:03	18.41	51.705	34.060	6.12	7.85	7.3	2.474	79.9	3.4	2.3	0.8
351	7/29/2014 5:01:03	18.44	51.619	34.000	6.32	7.86	7.1	2.362	82.5	3.7	2.5	0.9
352	7/29/2014 5:16:03	18.42	51.673	34.040	6.21	7.84	9.7	2.239	81.0	3.9	2.7	0.9
353	7/29/2014 5:31:03	18.35	51.651	34.020	6.30	7.85	8.6	2.140	82.2	3.7	2.5	0.9
354	7/29/2014 5:46:03	18.08	51.624	34.000	6.30	7.85	9.9	2.021	81.8	3.2	2.2	0.8
355	7/29/2014 6:01:03	18.24	51.603	33.990	6.37	7.86	9.0	1.896	82.8	4.3	2.9	1.0
356	7/29/2014 6:16:03	18.28	51.679	34.040	6.29	7.85	8.4	1.773	82.0	3.3	2.2	0.8
357	7/29/2014 6:31:03	18.14	51.683	34.040	6.10	7.83	8.2	1.656	79.2	3.1	2.1	0.7
358	7/29/2014 6:46:03	18.54	51.732	34.080	6.13	7.84	7.8	1.564	80.2	3.3	2.2	0.8
359	7/29/2014 7:01:03	18.74	51.732	34.080	6.13	7.85	7.3	1.449	80.5	2.5	1.7	0.6
360	7/29/2014 7:16:03	18.97	51.791	34.130	6.16	7.85	6.3	1.386	81.3	2.5	1.7	0.6
361	7/29/2014 7:31:03	19.11	51.807	34.140	6.13	7.85	6.5	1.309	81.1	2.9	2.0	0.7
362	7/29/2014 7:46:03	19.13	51.829	34.160	6.11	7.85	6.3	1.260	80.9	2.6	1.8	0.6
363	7/29/2014 8:01:03	19.37	51.901	34.210	6.05	7.86	5.1	1.243	80.5	3.1	2.1	0.7
364	7/29/2014 8:16:03	19.12	51.946	34.240	5.96	7.84	5.4	1.249	78.9	3.3	2.2	0.8
365	7/29/2014 8:31:03	19.52	51.949	34.240	6.17	7.87	4.4	1.289	82.3	2.6	1.8	0.6
366	7/29/2014 8:46:03	19.42	51.880	34.190	6.20	7.86	4.5	1.311	82.6	2.8	1.9	0.7
367	7/29/2014 9:01:03	19.73	51.969	34.260	6.24	7.88	4.3	1.407	83.6	2.7	1.8	0.6
368	7/29/2014 9:16:03	19.68	51.954	34.250	6.29	7.88	4.8	1.473	84.2	2.7	1.8	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
369	7/29/2014 9:31:03	19.61	51.926	34.230	6.28	7.87	4.8	1.546	83.9	2.6	1.8	0.6
370	7/29/2014 9:46:03	19.55	51.910	34.210	6.26	7.87	6.2	1.640	83.6	2.2	1.5	0.5
371	7/29/2014 10:01:03	19.50	51.916	34.220	6.25	7.87	6.4	1.720	83.4	3.0	2.0	0.7
372	7/29/2014 10:16:03	19.38	51.889	34.200	6.27	7.86	5.9	1.810	83.4	3.8	2.6	0.9
373	7/29/2014 10:31:03	19.25	51.854	34.170	6.28	7.86	5.9	1.885	83.4	3.2	2.2	0.8
374	7/29/2014 10:46:03	19.26	51.856	34.180	6.27	7.86	6.0	1.977	83.2	3.1	2.1	0.7
375	7/29/2014 11:01:03	19.26	51.862	34.180	6.28	7.86	6.5	2.076	83.3	3.4	2.3	0.8
376	7/29/2014 11:16:03	18.98	51.785	34.120	6.32	7.86	6.7	2.163	83.5	3.6	2.4	0.8
377	7/29/2014 11:31:03	18.74	51.730	34.080	6.33	7.86	7.0	2.253	83.2	3.0	2.0	0.7
378	7/29/2014 11:46:03	18.62	51.688	34.050	6.35	7.85	7.5	2.349	83.2	3.5	2.4	0.8
379	7/29/2014 12:01:03	18.36	51.608	33.990	6.39	7.85	8.6	2.441	83.3	3.7	2.5	0.9
380	7/29/2014 12:16:03	18.04	51.592	33.980	6.41	7.85	9.4	2.521	83.1	3.5	2.4	0.8
381	7/29/2014 12:31:03	17.86	51.533	33.930	6.50	7.86	9.5	2.606	83.8	3.6	2.4	0.9
382	7/29/2014 12:46:03	17.67	51.498	33.900	6.53	7.86	10.6	2.690	84.0	3.4	2.3	0.8
383	7/29/2014 13:01:03	17.25	51.441	33.860	6.69	7.87	9.6	2.772	85.3	4.0	2.7	0.9
384	7/29/2014 13:16:03	16.78	51.377	33.810	6.88	7.88	10.2	2.850	87.0	4.0	2.7	0.9
385	7/29/2014 13:31:03	16.26	51.292	33.740	7.15	7.90	7.9	2.931	89.4	6.5	4.4	1.5
386	7/29/2014 13:46:03	15.67	51.292	33.720	7.38	7.91	9.1	3.000	91.2	6.1	4.1	1.5
387	7/29/2014 14:01:03	15.26	51.229	33.670	7.58	7.93	6.7	3.083	92.8	7.5	5.1	1.8
388	7/29/2014 14:16:03	14.98	51.219	33.660	7.72	7.94	6.6	3.135	94.0	7.3	5.0	1.7
389	7/29/2014 14:31:04	14.82	51.242	33.670	7.78	7.96	4.8	3.187	94.5	9.0	6.1	2.1
390	7/29/2014 14:46:04	14.76	51.211	33.640	7.82	7.96	4.1	3.227	94.8	8.4	5.7	2.0
391	7/29/2014 15:01:03	14.81	51.116	33.570	7.65	7.95	3.2	3.235	92.8	3.5	2.4	0.8
392	7/29/2014 15:16:03	14.95	51.194	33.640	7.69	7.95	4.5	3.235	93.7	5.8	3.9	1.4
393	7/29/2014 15:31:04	14.79	51.249	33.670	7.75	7.96	4.7	3.211	94.0	6.5	4.4	1.5
394	7/29/2014 15:46:04	14.98	51.256	33.680	7.60	7.95	5.9	3.150	92.6	5.6	3.8	1.3
395	7/29/2014 16:01:04	16.06	51.232	33.690	7.74	7.96	6.4	3.096	96.3	5.3	3.6	1.3
396	7/29/2014 16:16:04	16.57	51.328	33.770	7.80	7.96	6.1	3.014	98.2	5.9	4.0	1.4
397	7/29/2014 16:31:03	16.96	51.363	33.800	8.05	7.98	6.7	2.929	102.0	5.3	3.6	1.3
398	7/29/2014 16:46:03	17.17	51.303	33.760	7.98	7.96	6.4	2.836	101.6	4.8	3.3	1.1
399	7/29/2014 17:01:04	17.09	51.418	33.840	7.98	7.97	6.3	2.746	101.4	4.9	3.3	1.2
400	7/29/2014 17:16:03	18.05	51.498	33.910	7.51	7.93	7.0	2.671	97.3	4.5	3.1	1.1
401	7/29/2014 17:31:03	18.37	51.537	33.940	7.37	7.93	6.9	2.580	96.1	3.7	2.5	0.9
402	7/29/2014 17:46:03	18.82	51.627	34.010	7.30	7.92	8.1	2.508	96.0	3.5	2.4	0.8
403	7/29/2014 18:01:03	19.10	51.662	34.030	7.31	7.93	7.5	2.437	96.6	4.3	2.9	1.0
404	7/29/2014 18:16:03	18.98	51.642	34.020	7.32	7.92	6.5	2.359	96.6	3.7	2.5	0.9
405	7/29/2014 18:31:03	19.28	51.697	34.060	7.50	7.94	7.2	2.287	99.5	3.2	2.2	0.8
406	7/29/2014 18:46:03	19.14	51.630	34.010	7.66	7.94	6.8	2.210	101.3	4.1	2.8	1.0
407	7/29/2014 19:01:03	18.82	51.646	34.020	7.85	7.97	6.8	2.152	103.2	3.4	2.3	0.8
408	7/29/2014 19:16:03	18.95	51.660	34.030	7.87	7.96	6.7	2.096	103.8	4.2	2.9	1.0
409	7/29/2014 19:31:03	19.13	51.721	34.080	7.87	7.97	6.6	2.032	104.2	4.4	3.0	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
410	7/29/2014 19:46:03	19.10	51.700	34.060	7.83	7.97	5.9	1.995	103.5	4.4	3.0	1.0
411	7/29/2014 20:01:03	19.40	51.752	34.100	7.81	7.97	5.3	1.974	103.9	4.1	2.8	1.0
412	7/29/2014 20:16:03	19.86	51.877	34.190	7.85	7.98	4.8	1.962	105.4	4.4	3.0	1.1
413	7/29/2014 20:31:03	20.29	51.828	34.150	7.32	7.96	4.1	1.974	99.0	3.8	2.6	0.9
414	7/29/2014 20:46:03	20.06	51.988	34.270	7.90	7.99	4.8	1.983	106.5	4.5	3.1	1.1
415	7/29/2014 21:01:03	19.94	51.869	34.180	7.77	7.97	4.7	2.024	104.5	4.6	3.1	1.1
416	7/29/2014 21:16:03	20.03	51.902	34.210	7.75	7.96	5.3	2.076	104.3	4.5	3.1	1.1
417	7/29/2014 21:31:03	19.88	51.859	34.180	7.63	7.95	6.2	2.137	102.4	4.1	2.8	1.0
418	7/29/2014 21:46:03	20.07	51.856	34.170	7.44	7.93	8.0	2.203	100.2	5.1	3.5	1.2
419	7/29/2014 22:01:03	19.89	51.799	34.130	7.40	7.93	8.3	2.280	99.4	4.8	3.3	1.1
420	7/29/2014 22:16:03	19.48	51.720	34.070	7.34	7.92	6.5	2.353	97.8	4.6	3.1	1.1
421	7/29/2014 22:31:03	19.24	51.680	34.050	7.30	7.92	6.9	2.421	96.8	4.4	3.0	1.0
422	7/29/2014 22:46:03	18.85	51.630	34.010	7.27	7.91	6.3	2.486	95.6	4.9	3.3	1.2
423	7/29/2014 23:01:03	18.16	51.552	33.950	7.12	7.90	7.0	2.557	92.4	4.6	3.1	1.1
424	7/29/2014 23:16:03	17.87	51.523	33.920	7.06	7.89	7.1	2.630	91.1	5.1	3.5	1.2
425	7/29/2014 23:31:03	17.56	51.459	33.880	7.10	7.90	6.4	2.693	91.1	5.6	3.8	1.3
426	7/29/2014 23:46:03	17.36	51.461	33.870	7.12	7.90	6.4	2.765	91.0	5.3	3.6	1.3
427	7/30/2014 0:01:03	17.18	51.447	33.860	7.16	7.90	6.8	2.840	91.1	5.0	3.4	1.2
428	7/30/2014 0:16:03	16.81	51.398	33.820	7.26	7.91	6.8	2.908	91.8	5.1	3.5	1.2
429	7/30/2014 0:31:03	16.36	51.335	33.770	7.39	7.92	6.6	2.977	92.6	6.1	4.1	1.4
430	7/30/2014 0:46:04	16.10	51.347	33.770	7.44	7.93	6.5	3.051	92.7	5.0	3.4	1.2
431	7/30/2014 1:01:04	15.77	51.276	33.710	7.51	7.93	7.6	3.114	92.9	6.1	4.1	1.5
432	7/30/2014 1:16:04	15.27	51.271	33.700	7.64	7.94	6.5	3.170	93.7	7.2	4.9	1.7
433	7/30/2014 1:31:04	14.97	51.236	33.670	7.69	7.95	5.0	3.229	93.7	5.9	4.0	1.4
434	7/30/2014 1:46:04	14.76	51.239	33.660	7.69	7.95	4.8	3.269	93.3	5.6	3.8	1.3
435	7/30/2014 2:01:04	14.61	51.272	33.680	7.65	7.95	3.7	3.290	92.6	4.8	3.3	1.1
436	7/30/2014 2:16:04	14.40	51.288	33.690	7.57	7.95	2.7	3.315	91.2	10.6	7.2	2.5
437	7/30/2014 2:31:04	15.01	51.402	33.790	7.36	7.93	4.7	3.312	89.8	5.0	3.4	1.2
438	7/30/2014 2:46:04	14.62	51.265	33.680	7.56	7.95	3.6	3.286	91.5	5.4	3.7	1.3
439	7/30/2014 3:01:04	14.73	51.264	33.680	7.51	7.94	4.2	3.247	91.1	5.4	3.7	1.3
440	7/30/2014 3:16:04	15.31	51.319	33.740	7.25	7.92	6.7	3.193	88.9	5.3	3.6	1.2
441	7/30/2014 3:31:04	16.01	51.311	33.750	6.88	7.89	7.4	3.131	85.6	4.7	3.2	1.1
442	7/30/2014 3:46:04	16.48	51.398	33.820	6.65	7.86	8.3	3.047	83.5	4.9	3.3	1.2
443	7/30/2014 4:01:03	16.55	51.431	33.840	6.63	7.86	8.3	2.950	83.4	5.0	3.4	1.2
444	7/30/2014 4:16:03	16.40	51.376	33.800	6.91	7.89	7.3	2.871	86.7	4.4	3.0	1.0
445	7/30/2014 4:31:04	17.12	51.467	33.880	6.65	7.87	8.8	2.771	84.6	4.0	2.7	0.9
446	7/30/2014 4:46:04	17.44	51.535	33.930	6.57	7.87	8.1	2.677	84.2	3.6	2.4	0.8
447	7/30/2014 5:01:03	17.78	51.579	33.970	6.33	7.85	7.5	2.579	81.6	3.6	2.4	0.9
448	7/30/2014 5:16:03	18.14	51.686	34.050	6.25	7.85	7.5	2.483	81.1	3.7	2.5	0.9
449	7/30/2014 5:31:03	18.37	51.740	34.090	6.00	7.82	9.7	2.379	78.2	3.7	2.5	0.9
450	7/30/2014 5:46:03	18.29	51.641	34.010	6.35	7.85	7.7	2.277	82.6	3.5	2.4	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
451	7/30/2014 6:01:03	18.23	51.699	34.060	6.08	7.81	9.5	2.171	79.1	3.7	2.5	0.9
452	7/30/2014 6:16:03	18.10	51.674	34.040	6.17	7.83	9.5	2.058	80.1	3.3	2.2	0.8
453	7/30/2014 6:31:03	18.10	51.676	34.040	6.42	7.85	8.4	1.948	83.2	3.7	2.5	0.9
454	7/30/2014 6:46:03	18.16	51.701	34.060	6.41	7.85	7.7	1.836	83.2	3.1	2.1	0.7
455	7/30/2014 7:01:03	18.22	51.690	34.050	6.30	7.84	7.1	1.727	81.9	2.8	1.9	0.7
456	7/30/2014 7:16:03	18.26	51.683	34.050	6.13	7.83	6.7	1.632	79.8	3.3	2.2	0.8
457	7/30/2014 7:31:03	18.44	51.747	34.090	6.10	7.83	6.6	1.542	79.6	2.6	1.8	0.6
458	7/30/2014 7:46:03	18.67	51.779	34.120	6.13	7.83	7.3	1.466	80.4	3.2	2.2	0.8
459	7/30/2014 8:01:03	18.75	51.802	34.140	6.12	7.83	6.5	1.402	80.4	3.3	2.2	0.8
460	7/30/2014 8:16:03	18.97	51.846	34.170	6.13	7.84	6.1	1.354	80.9	3.3	2.2	0.8
461	7/30/2014 8:31:03	19.17	51.831	34.160	6.09	7.84	7.7	1.333	80.7	2.9	2.0	0.7
462	7/30/2014 8:46:03	19.14	51.984	34.270	5.97	7.84	6.1	1.335	79.1	2.7	1.8	0.6
463	7/30/2014 9:01:03	19.33	51.859	34.180	6.21	7.85	4.6	1.356	82.5	2.7	1.8	0.6
464	7/30/2014 9:16:03	19.36	51.895	34.200	6.23	7.86	4.2	1.403	82.9	2.8	1.9	0.7
465	7/30/2014 9:31:03	19.47	51.913	34.220	6.25	7.86	4.2	1.462	83.2	3.0	2.0	0.7
466	7/30/2014 9:46:03	19.47	51.912	34.220	6.28	7.86	4.7	1.526	83.7	3.4	2.3	0.8
467	7/30/2014 10:01:03	19.42	51.901	34.210	6.28	7.86	5.1	1.616	83.6	3.0	2.0	0.7
468	7/30/2014 10:16:03	19.41	51.890	34.200	6.28	7.86	5.3	1.689	83.5	3.0	2.0	0.7
469	7/30/2014 10:31:03	19.49	51.899	34.210	6.21	7.85	6.4	1.767	82.8	3.6	2.4	0.8
470	7/30/2014 10:46:03	19.35	51.868	34.180	6.25	7.85	6.7	1.866	83.1	3.8	2.6	0.9
471	7/30/2014 11:01:03	19.19	51.838	34.160	6.30	7.85	6.4	1.937	83.5	4.0	2.7	1.0
472	7/30/2014 11:16:03	19.14	51.823	34.150	6.30	7.85	6.4	2.024	83.3	4.0	2.7	1.0
473	7/30/2014 11:31:03	19.09	51.802	34.140	6.32	7.85	6.2	2.113	83.6	3.5	2.4	0.8
474	7/30/2014 11:46:03	18.80	51.722	34.080	6.36	7.85	6.7	2.195	83.6	3.6	2.4	0.9
475	7/30/2014 12:01:03	18.62	51.682	34.050	6.42	7.85	7.3	2.295	84.1	3.1	2.1	0.7
476	7/30/2014 12:16:03	18.48	51.622	34.000	6.46	7.85	8.0	2.369	84.4	3.2	2.2	0.8
477	7/30/2014 12:31:03	18.28	51.592	33.980	6.56	7.85	7.8	2.454	85.3	3.4	2.3	0.8
478	7/30/2014 12:46:03	18.00	51.526	33.930	6.61	7.85	8.9	2.548	85.6	3.7	2.5	0.9
479	7/30/2014 13:01:03	17.76	51.493	33.900	6.70	7.86	9.1	2.627	86.2	4.2	2.9	1.0
480	7/30/2014 13:16:03	17.58	51.473	33.890	6.72	7.86	9.9	2.706	86.3	3.4	2.3	0.8
481	7/30/2014 13:31:03	17.14	51.406	33.830	6.92	7.88	9.5	2.789	88.0	5.0	3.4	1.2
482	7/30/2014 13:46:03	16.66	51.368	33.800	7.17	7.89	9.3	2.869	90.4	5.4	3.7	1.3
483	7/30/2014 14:01:03	16.29	51.321	33.760	7.33	7.91	9.4	2.942	91.6	5.7	3.9	1.3
484	7/30/2014 14:16:03	15.78	51.307	33.740	7.44	7.92	8.7	3.014	92.2	6.9	4.7	1.6
485	7/30/2014 14:31:04	15.20	51.279	33.700	7.61	7.94	8.3	3.077	93.1	8.0	5.4	1.9
486	7/30/2014 14:46:04	14.88	51.281	33.700	7.71	7.95	6.1	3.143	93.7	6.9	4.7	1.6
487	7/30/2014 15:01:04	14.67	51.242	33.660	7.83	7.96	4.7	3.190	94.8	6.6	4.5	1.6
488	7/30/2014 15:16:03	14.67	51.255	33.670	7.86	7.96	3.9	3.210	95.2	5.7	3.9	1.4
489	7/30/2014 15:31:04	15.08	51.318	33.730	7.68	7.95	4.0	3.230	93.8	6.4	4.4	1.5
490	7/30/2014 15:46:04	14.75	51.272	33.690	7.74	7.95	4.5	3.228	93.9	7.2	4.9	1.7
491	7/30/2014 16:01:04	14.67	51.265	33.680	7.85	7.96	4.4	3.193	95.0	8.4	5.7	2.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
492	7/30/2014 16:16:04	14.84	51.259	33.680	7.73	7.95	5.0	3.143	94.0	6.7	4.6	1.6
493	7/30/2014 16:31:04	16.86	51.349	33.790	7.78	7.95	9.1	3.078	98.5	4.9	3.3	1.2
494	7/30/2014 16:46:03	16.76	51.359	33.790	7.80	7.95	8.1	3.010	98.6	5.4	3.7	1.3
495	7/30/2014 17:01:03	17.05	51.290	33.750	8.18	7.98	7.6	2.929	103.9	5.9	4.0	1.4
496	7/30/2014 17:16:03	17.50	51.381	33.820	8.08	7.97	8.0	2.837	103.5	4.9	3.3	1.2
497	7/30/2014 17:31:03	17.79	51.396	33.830	7.87	7.95	7.4	2.750	101.4	4.8	3.3	1.1
498	7/30/2014 17:46:03	18.23	51.403	33.840	7.70	7.94	7.6	2.668	100.0	4.4	3.0	1.0
499	7/30/2014 18:01:03	18.37	51.524	33.930	7.54	7.93	7.1	2.586	98.2	4.5	3.1	1.1
500	7/30/2014 18:16:03	18.84	51.588	33.980	7.59	7.93	8.9	2.491	99.8	4.9	3.3	1.2
501	7/30/2014 18:31:03	19.09	51.586	33.980	7.45	7.92	8.4	2.436	98.4	4.0	2.7	0.9
502	7/30/2014 18:46:03	19.26	51.614	34.000	7.62	7.93	7.8	2.342	101.0	4.0	2.7	0.9
503	7/30/2014 19:01:03	19.26	51.606	33.990	7.69	7.94	7.6	2.271	102.0	4.1	2.8	1.0
504	7/30/2014 19:16:03	19.27	51.691	34.050	7.75	7.95	7.5	2.208	102.7	4.1	2.8	1.0
505	7/30/2014 19:31:03	18.95	51.572	33.970	7.95	7.96	6.5	2.122	104.8	4.0	2.7	1.0
506	7/30/2014 19:46:03	19.17	51.650	34.020	8.02	7.97	5.9	2.060	106.2	4.3	2.9	1.0
507	7/30/2014 20:01:03	19.42	51.740	34.090	8.03	7.97	5.3	2.007	106.8	4.5	3.1	1.1
508	7/30/2014 20:16:03	19.56	51.770	34.110	8.23	7.99	5.5	1.955	109.8	3.6	2.4	0.9
509	7/30/2014 20:31:03	19.60	51.789	34.130	8.20	7.99	5.2	1.913	109.4	4.1	2.8	1.0
510	7/30/2014 20:46:03	20.02	51.886	34.200	8.22	8.00	4.8	1.907	110.6	4.2	2.9	1.0
511	7/30/2014 21:01:03	20.35	51.938	34.230	8.18	8.00	4.7	1.882	110.8	3.8	2.6	0.9
512	7/30/2014 21:16:02	20.46	51.955	34.240	7.84	7.99	4.3	1.897	106.5	4.0	2.7	1.0
513	7/30/2014 21:31:03	20.36	51.959	34.250	8.15	7.99	4.6	1.932	110.4	3.7	2.5	0.9
514	7/30/2014 21:46:02	20.10	51.884	34.190	8.08	7.98	5.2	1.967	108.9	4.3	2.9	1.0
515	7/30/2014 22:01:03	20.07	51.864	34.180	7.94	7.97	5.4	2.019	106.9	4.5	3.1	1.1
516	7/30/2014 22:16:03	19.96	51.813	34.140	7.88	7.96	5.9	2.071	106.0	4.5	3.1	1.1
517	7/30/2014 22:31:03	20.38	51.838	34.160	7.53	7.93	8.7	2.140	102.0	5.1	3.5	1.2
518	7/30/2014 22:46:03	20.15	51.809	34.140	7.56	7.93	7.2	2.209	102.0	4.6	3.1	1.1
519	7/30/2014 23:01:03	19.82	51.778	34.120	7.55	7.93	6.7	2.269	101.2	4.5	3.1	1.1
520	7/30/2014 23:16:03	19.57	51.718	34.070	7.52	7.92	5.9	2.336	100.3	4.6	3.1	1.1
521	7/30/2014 23:31:03	19.28	51.639	34.010	7.49	7.92	6.1	2.408	99.3	3.9	2.7	0.9
522	7/30/2014 23:46:03	18.75	51.580	33.970	7.40	7.91	7.0	2.460	97.1	4.4	3.0	1.0
523	7/31/2014 0:01:03	18.29	51.553	33.950	7.22	7.90	6.2	2.527	93.9	4.5	3.1	1.1
524	7/31/2014 0:16:03	18.05	51.532	33.930	7.16	7.89	5.9	2.590	92.7	4.6	3.1	1.1
525	7/31/2014 0:31:03	17.78	51.478	33.890	7.19	7.89	5.9	2.655	92.6	5.2	3.5	1.2
526	7/31/2014 0:46:03	17.58	51.461	33.880	7.21	7.90	6.1	2.722	92.6	5.2	3.5	1.2
527	7/31/2014 1:01:03	17.42	51.450	33.870	7.26	7.90	6.1	2.783	92.9	5.2	3.5	1.2
528	7/31/2014 1:16:03	17.00	51.412	33.830	7.31	7.91	5.6	2.840	92.8	5.3	3.6	1.3
529	7/31/2014 1:31:03	16.61	51.328	33.770	7.38	7.92	5.9	2.907	93.0	5.3	3.6	1.3
530	7/31/2014 1:46:03	16.41	51.347	33.780	7.41	7.92	5.3	2.969	92.9	5.6	3.8	1.3
531	7/31/2014 2:01:04	16.24	51.360	33.780	7.37	7.92	5.7	3.016	92.1	4.7	3.2	1.1
532	7/31/2014 2:16:04	15.87	51.376	33.790	7.37	7.93	4.8	3.058	91.5	3.4	2.3	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
533	7/31/2014 2:31:04	15.52	51.388	33.790	7.38	7.93	3.7	3.105	91.0	3.6	2.4	0.8
534	7/31/2014 2:46:04	15.41	51.298	33.720	7.39	7.93	3.7	3.126	90.9	5.5	3.7	1.3
535	7/31/2014 3:01:04	16.46	51.513	33.900	7.01	7.90	5.9	3.131	88.1	5.6	3.8	1.3
536	7/31/2014 3:16:04	15.45	51.387	33.790	7.33	7.93	4.0	3.126	90.2	4.9	3.3	1.2
537	7/31/2014 3:31:04	15.44	51.313	33.740	7.30	7.92	4.0	3.104	89.8	5.2	3.5	1.2
538	7/31/2014 3:46:03	15.73	51.334	33.760	7.09	7.92	4.3	3.066	87.8	4.8	3.3	1.1
539	7/31/2014 4:01:04	17.05	51.465	33.870	6.60	7.86	10.5	2.996	83.9	4.9	3.3	1.2
540	7/31/2014 4:16:04	17.43	51.556	33.950	6.32	7.84	9.5	2.933	80.9	4.3	2.9	1.0
541	7/31/2014 4:31:04	17.42	51.586	33.970	6.23	7.83	10.0	2.861	79.8	5.2	3.5	1.2
542	7/31/2014 4:46:03	17.26	51.552	33.940	6.51	7.85	8.4	2.786	83.0	4.3	2.9	1.0
543	7/31/2014 5:01:03	17.16	51.460	33.870	6.61	7.86	8.7	2.698	84.1	3.8	2.6	0.9
544	7/31/2014 5:16:03	17.56	51.607	33.980	6.64	7.86	8.9	2.610	85.2	4.2	2.9	1.0
545	7/31/2014 5:31:03	17.91	51.589	33.970	6.41	7.85	9.2	2.515	82.8	4.5	3.1	1.1
546	7/31/2014 5:46:03	18.20	51.690	34.050	6.18	7.83	9.4	2.436	80.3	3.9	2.7	0.9
547	7/31/2014 6:01:03	18.42	51.751	34.100	6.01	7.82	9.1	2.346	78.5	3.8	2.6	0.9
548	7/31/2014 6:16:03	18.61	51.746	34.090	6.24	7.84	8.2	2.233	81.8	3.6	2.4	0.8
549	7/31/2014 6:31:03	18.46	51.750	34.100	6.15	7.82	9.2	2.142	80.3	3.9	2.7	0.9
550	7/31/2014 6:46:03	18.45	51.775	34.110	6.22	7.83	8.1	2.054	81.3	3.3	2.2	0.8
551	7/31/2014 7:01:03	18.43	51.745	34.090	6.11	7.83	8.0	1.955	79.8	3.6	2.4	0.8
552	7/31/2014 7:16:03	18.25	51.713	34.070	6.18	7.82	7.4	1.854	80.5	3.1	2.1	0.7
553	7/31/2014 7:31:03	18.54	51.747	34.090	6.24	7.83	6.6	1.770	81.6	3.4	2.3	0.8
554	7/31/2014 7:46:03	18.58	51.789	34.120	6.27	7.83	6.5	1.687	82.1	3.5	2.4	0.8
555	7/31/2014 8:01:03	18.80	51.825	34.150	6.30	7.84	6.2	1.607	82.8	3.2	2.2	0.7
556	7/31/2014 8:16:03	18.79	51.813	34.140	6.30	7.84	6.0	1.532	82.9	3.3	2.2	0.8
557	7/31/2014 8:31:03	19.00	51.849	34.170	6.30	7.85	5.0	1.489	83.2	2.8	1.9	0.7
558	7/31/2014 8:46:03	19.21	51.886	34.200	6.31	7.85	4.7	1.459	83.6	2.7	1.8	0.6
559	7/31/2014 9:01:03	19.32	51.902	34.210	6.22	7.85	4.2	1.430	82.7	2.7	1.8	0.6
560	7/31/2014 9:16:03	19.43	51.907	34.210	5.70	7.84	3.8	1.434	75.9	2.3	1.6	0.5
561	7/31/2014 9:31:03	19.57	51.941	34.240	6.26	7.86	3.4	1.455	83.6	3.2	2.2	0.8
562	7/31/2014 9:46:03	19.36	51.933	34.230	6.40	7.86	4.3	1.493	85.1	3.2	2.2	0.8
563	7/31/2014 10:01:03	19.43	51.882	34.190	6.46	7.86	4.2	1.541	86.0	2.9	2.0	0.7
564	7/31/2014 10:16:03	19.51	51.917	34.220	6.51	7.87	4.7	1.609	86.8	2.4	1.6	0.6
565	7/31/2014 10:31:03	19.45	51.899	34.210	6.49	7.87	4.7	1.677	86.5	2.9	2.0	0.7
566	7/31/2014 10:46:03	19.36	51.876	34.190	6.52	7.86	5.5	1.765	86.7	3.3	2.2	0.8
567	7/31/2014 11:01:03	19.33	51.855	34.170	6.56	7.86	6.1	1.837	87.1	3.8	2.6	0.9
568	7/31/2014 11:16:03	19.21	51.844	34.170	6.55	7.86	6.0	1.912	86.9	3.1	2.1	0.7
569	7/31/2014 11:31:03	19.15	51.823	34.150	6.56	7.86	5.6	1.992	86.9	3.5	2.4	0.8
570	7/31/2014 11:46:03	19.14	51.786	34.120	6.59	7.86	5.7	2.077	87.3	3.8	2.6	0.9
571	7/31/2014 12:01:03	19.13	51.792	34.130	6.58	7.86	6.1	2.151	87.1	3.5	2.4	0.8
572	7/31/2014 12:16:03	18.97	51.774	34.110	6.56	7.86	6.3	2.221	86.5	3.4	2.3	0.8
573	7/31/2014 12:31:03	18.65	51.704	34.060	6.61	7.85	6.4	2.316	86.6	3.7	2.5	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
574	7/31/2014 12:46:03	18.54	51.635	34.010	6.61	7.85	7.3	2.394	86.5	3.4	2.3	0.8
575	7/31/2014 13:01:03	18.37	51.623	34.000	6.69	7.85	7.2	2.471	87.2	3.7	2.5	0.9
576	7/31/2014 13:16:03	18.18	51.604	33.990	6.79	7.86	7.3	2.542	88.2	4.3	2.9	1.0
577	7/31/2014 13:31:03	17.95	51.552	33.950	6.87	7.87	8.6	2.628	88.9	3.8	2.6	0.9
578	7/31/2014 13:46:04	17.75	51.530	33.930	6.92	7.87	8.2	2.706	89.2	4.4	3.0	1.0
579	7/31/2014 14:01:03	17.38	51.465	33.880	6.94	7.87	8.8	2.780	88.8	4.5	3.1	1.1
580	7/31/2014 14:16:03	16.84	51.401	33.820	7.25	7.90	9.8	2.859	91.7	5.2	3.5	1.2
581	7/31/2014 14:31:04	16.45	51.346	33.780	7.42	7.91	7.9	2.935	93.1	5.4	3.7	1.3
582	7/31/2014 14:46:03	16.06	51.251	33.700	7.54	7.92	8.1	3.016	93.8	6.1	4.1	1.4
583	7/31/2014 15:01:03	15.54	51.272	33.710	7.71	7.94	8.1	3.075	95.0	5.9	4.0	1.4
584	7/31/2014 15:16:03	15.24	51.186	33.640	7.86	7.95	5.5	3.132	96.3	5.7	3.9	1.3
585	7/31/2014 15:31:04	15.04	51.237	33.670	8.02	7.97	4.8	3.181	97.8	8.2	5.6	1.9
586	7/31/2014 15:46:03	14.91	51.227	33.660	8.07	7.97	5.1	3.215	98.2	7.1	4.8	1.7
587	7/31/2014 16:01:04	15.65	51.152	33.620	7.79	7.96	4.3	3.220	96.1	6.9	4.7	1.6
588	7/31/2014 16:16:04	15.17	51.259	33.690	7.85	7.96	4.8	3.217	96.0	7.0	4.8	1.7
589	7/31/2014 16:31:04	14.97	51.197	33.640	7.99	7.97	3.7	3.198	97.4	7.9	5.4	1.9
590	7/31/2014 16:46:03	15.09	51.182	33.630	7.88	7.96	4.1	3.152	96.2	6.4	4.4	1.5
591	7/31/2014 17:01:03	17.18	51.306	33.760	7.77	7.95	5.7	3.085	99.0	5.0	3.4	1.2
592	7/31/2014 17:16:03	17.14	51.374	33.810	7.84	7.95	8.6	3.011	99.8	4.5	3.1	1.1
593	7/31/2014 17:31:03	17.29	51.337	33.780	8.00	7.96	6.5	2.945	102.0	4.9	3.3	1.2
594	7/31/2014 17:46:03	17.60	51.433	33.860	8.09	7.96	7.4	2.856	103.9	5.1	3.5	1.2
595	7/31/2014 18:01:03	17.88	51.464	33.880	7.89	7.95	8.6	2.765	101.9	5.2	3.5	1.2
596	7/31/2014 18:16:03	18.24	51.493	33.910	7.88	7.95	7.3	2.688	102.5	4.5	3.1	1.1
597	7/31/2014 18:31:03	18.52	51.504	33.910	7.70	7.94	7.0	2.609	100.6	4.4	3.0	1.1
598	7/31/2014 18:46:03	18.86	51.583	33.970	7.64	7.94	7.6	2.529	100.5	4.0	2.7	0.9
599	7/31/2014 19:01:03	19.13	51.612	34.000	7.64	7.94	7.3	2.448	101.0	3.9	2.7	0.9
600	7/31/2014 19:16:03	19.16	51.642	34.020	7.61	7.93	7.1	2.375	100.7	4.7	3.2	1.1
601	7/31/2014 19:31:03	19.39	51.662	34.030	7.75	7.94	7.3	2.300	103.1	4.5	3.1	1.1
602	7/31/2014 19:46:03	19.38	51.672	34.040	7.83	7.95	7.2	2.222	104.1	4.0	2.7	1.0
603	7/31/2014 20:01:03	19.13	51.633	34.010	7.88	7.95	7.4	2.156	104.3	4.8	3.3	1.1
604	7/31/2014 20:16:03	19.33	51.671	34.040	8.01	7.97	7.0	2.089	106.4	3.9	2.7	0.9
605	7/31/2014 20:31:03	19.64	51.724	34.080	8.21	7.99	8.1	2.021	109.6	4.3	2.9	1.0
606	7/31/2014 20:46:03	19.67	51.793	34.130	8.30	8.00	6.7	1.967	111.0	4.9	3.3	1.2
607	7/31/2014 21:01:03	20.01	51.820	34.150	8.39	8.01	6.2	1.914	112.9	4.1	2.8	1.0
608	7/31/2014 21:16:03	20.26	51.878	34.190	8.45	8.02	5.9	1.888	114.3	4.4	3.0	1.0
609	7/31/2014 21:31:02	20.38	51.870	34.180	8.41	8.02	5.9	1.867	114.0	4.7	3.2	1.1
610	7/31/2014 21:46:03	20.58	51.935	34.230	8.28	8.01	4.8	1.853	112.6	4.2	2.9	1.0
611	7/31/2014 22:01:03	20.47	51.926	34.220	7.74	8.00	4.1	1.861	105.0	4.4	3.0	1.0
612	7/31/2014 22:16:03	20.45	51.948	34.240	8.32	8.01	4.2	1.893	112.9	4.4	3.0	1.0
613	7/31/2014 22:31:03	20.31	51.904	34.210	8.25	8.00	5.3	1.919	111.6	5.0	3.4	1.2
614	7/31/2014 22:46:03	20.23	51.883	34.190	8.15	7.99	4.9	1.969	110.1	4.5	3.1	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
615	7/31/2014 23:01:03	20.13	51.833	34.160	8.02	7.97	5.7	2.020	108.1	4.1	2.8	1.0
616	7/31/2014 23:16:03	20.37	51.845	34.160	7.70	7.95	7.6	2.089	104.3	4.7	3.2	1.1
617	7/31/2014 23:31:03	20.40	51.841	34.160	7.59	7.94	7.9	2.150	102.8	5.5	3.7	1.3
618	7/31/2014 23:46:02	20.05	51.790	34.130	7.63	7.94	6.4	2.204	102.8	5.4	3.7	1.3
619	8/1/2014 0:01:03	19.81	51.762	34.110	7.59	7.94	6.1	2.274	101.7	4.7	3.2	1.1
620	8/1/2014 0:16:03	19.61	51.732	34.080	7.55	7.93	6.0	2.328	100.8	4.4	3.0	1.0
621	8/1/2014 0:31:03	19.33	51.683	34.050	7.53	7.93	5.6	2.392	99.9	4.5	3.1	1.1
622	8/1/2014 0:46:03	18.83	51.601	33.990	7.37	7.91	6.1	2.443	96.9	5.0	3.4	1.2
623	8/1/2014 1:01:03	18.61	51.597	33.980	7.27	7.90	6.0	2.501	95.2	5.0	3.4	1.2
624	8/1/2014 1:16:03	18.34	51.563	33.960	7.19	7.89	5.7	2.562	93.7	5.1	3.5	1.2
625	8/1/2014 1:31:03	18.14	51.533	33.930	7.21	7.90	5.6	2.617	93.5	4.9	3.3	1.2
626	8/1/2014 1:46:03	17.96	51.503	33.910	7.21	7.90	5.7	2.673	93.2	4.4	3.0	1.0
627	8/1/2014 2:01:04	17.70	51.476	33.890	7.28	7.90	6.4	2.725	93.6	4.6	3.1	1.1
628	8/1/2014 2:16:03	17.39	51.442	33.860	7.32	7.91	5.5	2.787	93.6	4.7	3.2	1.1
629	8/1/2014 2:31:03	17.13	51.416	33.840	7.35	7.91	5.3	2.834	93.5	5.5	3.7	1.3
630	8/1/2014 2:46:03	16.85	51.377	33.810	7.41	7.92	4.5	2.874	93.7	4.9	3.3	1.2
631	8/1/2014 3:01:04	16.73	51.386	33.810	7.35	7.92	4.2	2.919	92.8	3.8	2.6	0.9
632	8/1/2014 3:16:04	16.63	51.355	33.790	7.29	7.92	3.9	2.953	91.8	4.2	2.9	1.0
633	8/1/2014 3:31:03	16.47	51.338	33.770	7.25	7.92	3.5	2.978	91.0	6.0	4.1	1.4
634	8/1/2014 3:46:04	17.09	51.413	33.840	7.10	7.91	5.4	2.980	90.3	5.4	3.7	1.3
635	8/1/2014 4:01:04	16.51	51.502	33.890	7.20	7.91	4.0	2.980	90.5	4.4	3.0	1.0
636	8/1/2014 4:16:04	16.54	51.345	33.780	7.22	7.91	4.5	2.966	90.8	4.9	3.3	1.2
637	8/1/2014 4:31:03	16.59	51.280	33.730	7.13	7.91	3.9	2.928	89.7	4.3	2.9	1.0
638	8/1/2014 4:46:04	16.98	51.464	33.870	6.91	7.89	6.0	2.877	87.6	4.2	2.9	1.0
639	8/1/2014 5:01:04	17.77	51.458	33.880	6.29	7.83	10.3	2.810	81.1	4.3	2.9	1.0
640	8/1/2014 5:16:03	17.61	51.521	33.920	6.52	7.85	9.0	2.750	83.7	4.6	3.1	1.1
641	8/1/2014 5:31:03	17.68	51.503	33.910	6.45	7.85	8.2	2.678	83.0	3.7	2.5	0.9
642	8/1/2014 5:46:03	17.79	51.512	33.920	6.39	7.84	7.8	2.595	82.4	4.3	2.9	1.0
643	8/1/2014 6:01:03	17.85	51.544	33.940	6.53	7.85	7.9	2.517	84.3	4.3	2.9	1.0
644	8/1/2014 6:16:03	18.23	51.604	33.990	6.46	7.85	8.7	2.432	83.9	4.3	2.9	1.0
645	8/1/2014 6:31:03	18.39	51.636	34.010	6.16	7.82	9.0	2.361	80.4	4.1	2.8	1.0
646	8/1/2014 6:46:03	18.54	51.608	33.990	6.02	7.81	8.7	2.282	78.7	4.0	2.7	0.9
647	8/1/2014 7:01:03	18.44	51.634	34.010	5.99	7.80	8.8	2.189	78.2	3.9	2.7	0.9
648	8/1/2014 7:16:03	18.69	51.692	34.050	6.12	7.81	7.4	2.107	80.3	3.7	2.5	0.9
649	8/1/2014 7:31:03	18.67	51.716	34.070	6.10	7.82	6.8	2.020	80.0	4.2	2.9	1.0
650	8/1/2014 7:46:03	18.77	51.714	34.070	6.16	7.83	7.5	1.943	81.0	3.6	2.4	0.8
651	8/1/2014 8:01:03	18.82	51.732	34.080	6.21	7.83	6.1	1.859	81.7	3.8	2.6	0.9
652	8/1/2014 8:16:03	18.79	51.724	34.080	6.12	7.82	6.1	1.785	80.4	3.3	2.2	0.8
653	8/1/2014 8:31:03	18.96	51.752	34.100	6.24	7.84	5.5	1.730	82.3	3.3	2.2	0.8
654	8/1/2014 8:46:03	19.15	51.794	34.130	6.31	7.85	5.3	1.671	83.5	3.3	2.2	0.8
655	8/1/2014 9:01:03	19.19	51.806	34.140	6.35	7.85	5.1	1.624	84.2	3.8	2.6	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
656	8/1/2014 9:16:03	19.46	51.853	34.170	6.44	7.87	4.9	1.585	85.7	3.5	2.4	0.8
657	8/1/2014 9:31:03	19.74	51.878	34.190	6.17	7.87	3.8	1.585	82.6	3.2	2.2	0.8
658	8/1/2014 9:46:03	19.71	51.929	34.230	5.78	7.86	3.4	1.578	77.4	2.8	1.9	0.7
659	8/1/2014 10:01:03	19.81	51.929	34.230	6.46	7.88	3.7	1.582	86.6	3.7	2.5	0.9
660	8/1/2014 10:16:03	19.73	51.894	34.200	6.52	7.88	3.6	1.624	87.3	3.1	2.1	0.7
661	8/1/2014 10:31:03	19.68	51.883	34.190	6.57	7.88	3.8	1.666	87.9	3.8	2.6	0.9
662	8/1/2014 10:46:03	19.72	51.883	34.190	6.60	7.88	4.3	1.722	88.3	3.2	2.2	0.8
663	8/1/2014 11:01:03	19.63	51.853	34.170	6.58	7.88	4.8	1.786	88.0	2.9	2.0	0.7
664	8/1/2014 11:16:03	19.56	51.832	34.160	6.58	7.87	4.8	1.856	87.8	3.0	2.0	0.7
665	8/1/2014 11:31:03	19.52	51.813	34.140	6.58	7.87	5.0	1.928	87.8	3.9	2.7	0.9
666	8/1/2014 11:46:03	19.46	51.820	34.150	6.60	7.87	4.8	2.003	87.8	3.4	2.3	0.8
667	8/1/2014 12:01:03	19.26	51.771	34.110	6.62	7.87	5.0	2.073	87.8	3.9	2.7	0.9
668	8/1/2014 12:16:03	19.18	51.748	34.100	6.62	7.87	5.3	2.139	87.6	3.9	2.7	0.9
669	8/1/2014 12:31:03	19.16	51.742	34.090	6.61	7.86	5.4	2.214	87.6	4.4	3.0	1.0
670	8/1/2014 12:46:03	19.02	51.717	34.070	6.56	7.86	5.9	2.290	86.7	3.4	2.3	0.8
671	8/1/2014 13:01:03	18.80	51.662	34.030	6.63	7.86	6.8	2.362	87.1	3.5	2.4	0.8
672	8/1/2014 13:16:03	18.62	51.602	33.990	6.69	7.86	6.5	2.434	87.6	4.4	3.0	1.0
673	8/1/2014 13:31:03	18.44	51.589	33.980	6.78	7.86	7.4	2.509	88.5	3.6	2.4	0.9
674	8/1/2014 13:46:03	18.18	51.523	33.930	6.90	7.87	7.7	2.585	89.6	4.7	3.2	1.1
675	8/1/2014 14:01:03	17.94	51.495	33.900	7.01	7.88	7.7	2.666	90.6	4.6	3.1	1.1
676	8/1/2014 14:16:03	17.69	51.465	33.880	7.07	7.89	7.8	2.741	90.9	4.4	3.0	1.0
677	8/1/2014 14:31:03	17.40	51.424	33.850	7.07	7.89	7.9	2.820	90.5	4.0	2.7	0.9
678	8/1/2014 14:46:03	16.88	51.358	33.790	7.31	7.91	8.3	2.895	92.5	5.2	3.5	1.2
679	8/1/2014 15:01:03	16.45	51.302	33.750	7.51	7.93	7.5	2.964	94.2	6.1	4.1	1.4
680	8/1/2014 15:16:04	16.13	51.272	33.720	7.61	7.94	6.4	3.038	95.0	6.2	4.2	1.5
681	8/1/2014 15:31:04	15.68	51.236	33.680	7.67	7.95	5.6	3.101	94.8	6.2	4.2	1.5
682	8/1/2014 15:46:03	15.15	51.209	33.650	7.69	7.96	5.1	3.151	94.0	5.9	4.0	1.4
683	8/1/2014 16:01:03	14.87	51.170	33.620	7.69	7.96	4.0	3.200	93.5	7.4	5.0	1.8
684	8/1/2014 16:16:03	14.67	51.220	33.650	7.66	7.96	2.9	3.226	92.7	7.5	5.1	1.8
685	8/1/2014 16:31:03	14.87	50.906	33.420	7.37	7.96	3.9	3.250	89.5	7.1	4.8	1.7
686	8/1/2014 16:46:04	14.68	51.351	33.740	7.69	7.96	3.5	3.244	93.2	7.0	4.8	1.7
687	8/1/2014 17:01:04	14.64	51.225	33.650	7.62	7.96	4.3	3.217	92.2	5.9	4.0	1.4
688	8/1/2014 17:16:04	14.81	51.195	33.630	7.55	7.95	3.6	3.189	91.6	4.9	3.3	1.2
689	8/1/2014 17:31:04	16.47	51.202	33.670	7.67	7.96	6.4	3.138	96.2	5.3	3.6	1.3
690	8/1/2014 17:46:04	16.38	51.302	33.750	7.77	7.96	6.3	3.060	97.4	5.4	3.7	1.3
691	8/1/2014 18:01:04	16.59	51.317	33.760	7.86	7.97	7.5	2.987	98.9	5.7	3.9	1.4
692	8/1/2014 18:16:04	16.76	51.357	33.790	7.86	7.97	7.0	2.920	99.2	5.8	3.9	1.4
693	8/1/2014 18:31:04	16.92	51.322	33.770	7.82	7.96	7.2	2.827	99.0	5.5	3.7	1.3
694	8/1/2014 18:46:04	17.14	51.340	33.780	7.63	7.94	7.6	2.742	97.0	5.7	3.9	1.3
695	8/1/2014 19:01:03	17.82	51.449	33.870	7.51	7.93	7.3	2.675	96.9	5.6	3.8	1.3
696	8/1/2014 19:16:03	18.39	51.546	33.940	7.40	7.92	8.1	2.593	96.4	5.3	3.6	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
697	8/1/2014 19:31:03	18.82	51.528	33.930	7.37	7.92	8.4	2.514	96.9	4.7	3.2	1.1
698	8/1/2014 19:46:03	19.03	51.562	33.960	7.30	7.91	8.1	2.438	96.3	4.5	3.1	1.1
699	8/1/2014 20:01:03	18.79	51.599	33.990	7.36	7.91	8.6	2.371	96.7	5.5	3.7	1.3
700	8/1/2014 20:16:03	18.51	51.484	33.900	7.29	7.91	8.7	2.292	95.3	5.3	3.6	1.3
701	8/1/2014 20:31:03	18.52	51.534	33.940	7.29	7.91	8.5	2.214	95.3	5.3	3.6	1.3
702	8/1/2014 20:46:03	18.43	51.571	33.960	7.25	7.91	9.0	2.147	94.6	5.9	4.0	1.4
703	8/1/2014 21:01:03	18.82	51.640	34.020	7.34	7.92	7.5	2.070	96.5	5.7	3.9	1.3
704	8/1/2014 21:16:03	18.89	51.655	34.030	7.35	7.93	6.8	2.014	96.9	5.8	3.9	1.4
705	8/1/2014 21:31:03	19.12	51.710	34.070	7.38	7.93	6.6	1.959	97.6	5.2	3.5	1.2
706	8/1/2014 21:46:03	19.17	51.712	34.070	7.39	7.94	6.2	1.901	97.9	4.9	3.3	1.2
707	8/1/2014 22:01:03	19.46	51.735	34.090	7.47	7.95	6.2	1.878	99.4	4.7	3.2	1.1
708	8/1/2014 22:16:03	19.94	51.873	34.190	7.67	7.97	5.3	1.849	103.1	4.6	3.1	1.1
709	8/1/2014 22:31:03	20.05	51.856	34.170	7.39	7.96	4.3	1.825	99.5	4.5	3.1	1.1
710	8/1/2014 22:46:03	20.12	51.859	34.180	6.69	7.91	4.0	1.831	90.2	5.8	3.9	1.4
711	8/1/2014 23:01:03	20.20	51.904	34.210	7.58	7.97	3.9	1.843	102.4	4.6	3.1	1.1
712	8/1/2014 23:16:03	20.06	51.882	34.190	7.70	7.97	4.1	1.874	103.7	4.0	2.7	1.0
713	8/1/2014 23:31:03	20.06	51.879	34.190	7.58	7.96	4.5	1.907	102.2	4.6	3.1	1.1
714	8/1/2014 23:46:03	20.03	51.873	34.190	7.61	7.96	4.5	1.952	102.5	4.0	2.7	0.9
715	8/2/2014 0:01:03	19.97	51.863	34.180	7.56	7.95	5.1	2.015	101.6	4.2	2.9	1.0
716	8/2/2014 0:16:03	20.14	51.888	34.200	7.12	7.92	7.0	2.072	96.1	5.4	3.7	1.3
717	8/2/2014 0:31:03	20.15	51.849	34.170	7.04	7.91	7.0	2.120	95.0	5.5	3.7	1.3
718	8/2/2014 0:46:03	19.92	51.826	34.150	7.07	7.92	6.6	2.187	95.0	4.7	3.2	1.1
719	8/2/2014 1:01:03	19.74	51.776	34.120	7.11	7.91	6.3	2.245	95.2	5.4	3.7	1.3
720	8/2/2014 1:16:03	19.58	51.754	34.100	7.11	7.91	5.4	2.290	94.9	5.1	3.5	1.2
721	8/2/2014 1:31:03	19.29	51.704	34.060	7.12	7.91	5.6	2.340	94.4	4.9	3.3	1.2
722	8/2/2014 1:46:03	18.95	51.632	34.010	7.06	7.90	6.3	2.397	93.0	5.2	3.5	1.2
723	8/2/2014 2:01:03	18.54	51.577	33.970	7.01	7.89	5.1	2.448	91.7	4.2	2.9	1.0
724	8/2/2014 2:16:03	18.35	51.523	33.930	6.97	7.89	4.8	2.498	90.8	4.2	2.9	1.0
725	8/2/2014 2:31:03	18.21	51.512	33.920	6.95	7.89	4.9	2.539	90.3	4.8	3.3	1.1
726	8/2/2014 2:46:03	18.01	51.491	33.900	6.98	7.89	4.8	2.599	90.3	4.8	3.3	1.1
727	8/2/2014 3:01:03	17.89	51.478	33.890	6.99	7.89	4.8	2.649	90.3	5.4	3.7	1.3
728	8/2/2014 3:16:03	17.77	51.477	33.890	6.98	7.89	4.4	2.682	89.9	4.6	3.1	1.1
729	8/2/2014 3:31:03	17.52	51.393	33.830	6.99	7.89	3.9	2.733	89.6	4.7	3.2	1.1
730	8/2/2014 3:46:03	17.25	51.384	33.820	7.00	7.89	4.3	2.770	89.3	4.6	3.1	1.1
731	8/2/2014 4:01:04	17.08	51.372	33.810	6.98	7.89	3.9	2.810	88.7	5.5	3.7	1.3
732	8/2/2014 4:16:03	16.92	51.378	33.810	6.89	7.89	3.6	2.830	87.3	3.9	2.7	0.9
733	8/2/2014 4:31:03	16.97	51.401	33.830	6.52	7.88	3.1	2.846	82.7	4.0	2.7	0.9
734	8/2/2014 4:46:04	17.27	51.526	33.920	6.56	7.87	5.2	2.858	83.7	4.8	3.3	1.1
735	8/2/2014 5:01:04	16.89	51.437	33.850	6.70	7.88	4.2	2.855	84.9	4.6	3.1	1.1
736	8/2/2014 5:16:04	16.98	51.360	33.800	6.78	7.88	4.1	2.832	86.0	4.6	3.1	1.1
737	8/2/2014 5:31:04	17.02	51.372	33.810	6.43	7.87	4.2	2.779	81.6	3.7	2.5	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
738	8/2/2014 5:46:03	17.38	51.381	33.820	6.56	7.87	6.7	2.750	83.8	4.4	3.0	1.0
739	8/2/2014 6:01:03	18.22	51.528	33.930	6.13	7.82	9.6	2.693	79.7	4.9	3.3	1.2
740	8/2/2014 6:16:03	18.30	51.751	34.100	5.21	7.74	11.1	2.618	67.8	4.9	3.3	1.2
741	8/2/2014 6:31:03	18.15	51.632	34.010	5.79	7.79	10.0	2.542	75.2	4.5	3.1	1.1
742	8/2/2014 6:46:03	18.03	51.575	33.960	5.84	7.79	8.5	2.476	75.7	4.1	2.8	1.0
743	8/2/2014 7:01:03	18.13	51.581	33.970	5.97	7.81	8.2	2.397	77.5	4.3	2.9	1.0
744	8/2/2014 7:16:03	18.28	51.631	34.010	5.98	7.81	8.5	2.329	77.8	3.9	2.7	0.9
745	8/2/2014 7:31:03	18.62	51.692	34.050	5.82	7.80	7.7	2.258	76.3	3.8	2.6	0.9
746	8/2/2014 7:46:04	18.50	51.692	34.050	5.67	7.78	7.6	2.184	74.2	3.5	2.4	0.8
747	8/2/2014 8:01:03	18.60	51.680	34.040	5.81	7.80	7.2	2.112	76.1	3.4	2.3	0.8
748	8/2/2014 8:16:03	18.69	51.674	34.040	5.84	7.80	6.4	2.053	76.7	3.9	2.7	0.9
749	8/2/2014 8:31:03	18.56	51.664	34.030	5.87	7.80	6.2	1.988	76.8	4.0	2.7	0.9
750	8/2/2014 8:46:03	18.57	51.653	34.020	5.93	7.80	6.5	1.910	77.7	3.5	2.4	0.8
751	8/2/2014 9:01:03	18.66	51.744	34.090	6.00	7.81	7.1	1.860	78.8	3.3	2.2	0.8
752	8/2/2014 9:16:03	18.79	51.729	34.080	6.06	7.82	5.3	1.822	79.7	3.5	2.4	0.8
753	8/2/2014 9:31:04	18.89	51.746	34.090	5.96	7.82	4.5	1.784	78.5	3.6	2.4	0.9
754	8/2/2014 9:46:03	19.18	51.785	34.120	6.02	7.84	4.7	1.728	79.7	3.6	2.4	0.8
755	8/2/2014 10:01:03	19.19	51.794	34.130	5.97	7.84	4.3	1.737	79.1	3.5	2.4	0.8
756	8/2/2014 10:16:03	19.39	51.672	34.040	5.57	7.81	3.6	1.742	74.0	7.6	5.2	1.8
757	8/2/2014 10:31:03	19.42	51.819	34.150	5.79	7.83	3.1	1.734	77.1	3.8	2.6	0.9
758	8/2/2014 10:46:03	19.47	51.848	34.170	6.08	7.85	3.3	1.751	81.0	3.4	2.3	0.8
759	8/2/2014 11:01:03	19.29	51.816	34.150	6.18	7.85	3.6	1.784	82.0	3.6	2.4	0.9
760	8/2/2014 11:16:03	19.33	51.788	34.130	6.20	7.85	4.2	1.840	82.4	3.5	2.4	0.8
761	8/2/2014 11:31:03	19.26	51.796	34.130	6.18	7.84	4.4	1.870	82.0	3.3	2.2	0.8
762	8/2/2014 11:46:03	19.22	51.775	34.120	6.19	7.84	4.3	1.928	82.1	3.6	2.4	0.8
763	8/2/2014 12:01:03	19.23	51.768	34.110	6.22	7.84	5.0	1.992	82.5	3.3	2.2	0.8
764	8/2/2014 12:16:03	19.21	51.757	34.100	6.24	7.85	4.7	2.049	82.7	3.2	2.2	0.8
765	8/2/2014 12:31:03	19.16	51.770	34.110	6.15	7.84	5.4	2.112	81.4	3.6	2.4	0.8
766	8/2/2014 12:46:03	19.16	51.784	34.120	6.10	7.84	5.7	2.172	80.8	3.8	2.6	0.9
767	8/2/2014 13:01:03	19.04	51.730	34.080	6.27	7.84	6.0	2.243	82.8	3.5	2.4	0.8
768	8/2/2014 13:16:04	18.89	51.703	34.060	6.41	7.85	5.8	2.310	84.5	3.6	2.4	0.9
769	8/2/2014 13:31:04	18.67	51.652	34.020	6.37	7.85	6.7	2.384	83.5	4.1	2.8	1.0
770	8/2/2014 13:46:03	18.45	51.603	33.990	6.51	7.85	6.6	2.445	85.0	4.1	2.8	1.0
771	8/2/2014 14:01:03	18.33	51.569	33.960	6.60	7.86	6.4	2.515	85.9	4.1	2.8	1.0
772	8/2/2014 14:16:04	18.17	51.534	33.930	6.69	7.87	6.8	2.596	86.9	3.8	2.6	0.9
773	8/2/2014 14:31:03	17.96	51.498	33.910	6.81	7.87	7.5	2.664	88.0	4.5	3.1	1.1
774	8/2/2014 14:46:03	17.69	51.434	33.860	6.93	7.88	7.1	2.735	89.1	4.6	3.1	1.1
775	8/2/2014 15:01:03	17.32	51.397	33.830	7.01	7.89	6.9	2.806	89.5	4.3	2.9	1.0
776	8/2/2014 15:16:03	17.01	51.324	33.770	7.05	7.90	6.8	2.888	89.5	4.0	2.7	0.9
777	8/2/2014 15:31:04	16.44	51.304	33.750	7.21	7.91	7.1	2.951	90.5	4.2	2.9	1.0
778	8/2/2014 15:46:03	16.15	51.212	33.670	7.30	7.92	6.6	3.022	91.1	4.5	3.1	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
779	8/2/2014 16:01:03	15.95	51.220	33.680	7.41	7.93	5.3	3.087	92.0	5.0	3.4	1.2
780	8/2/2014 16:16:04	15.65	51.227	33.680	7.52	7.94	4.7	3.138	92.8	6.4	4.4	1.5
781	8/2/2014 16:31:03	15.24	51.173	33.630	7.48	7.95	4.0	3.190	91.6	5.3	3.6	1.3
782	8/2/2014 16:46:04	15.00	51.176	33.620	7.48	7.95	3.1	3.220	91.2	5.2	3.5	1.2
783	8/2/2014 17:01:04	14.85	51.196	33.630	7.20	7.93	2.6	3.245	87.5	3.8	2.6	0.9
784	8/2/2014 17:16:03	15.19	51.224	33.660	7.37	7.95	3.8	3.257	90.2	5.7	3.9	1.3
785	8/2/2014 17:31:03	14.88	51.161	33.610	7.47	7.95	3.3	3.242	90.8	6.1	4.1	1.4
786	8/2/2014 17:46:04	14.96	51.158	33.610	7.41	7.95	3.6	3.215	90.2	5.7	3.9	1.3
787	8/2/2014 18:01:04	15.35	51.136	33.600	7.22	7.93	3.7	3.171	88.6	5.5	3.7	1.3
788	8/2/2014 18:16:04	16.61	51.154	33.640	7.29	7.93	5.3	3.124	91.7	5.0	3.4	1.2
789	8/2/2014 18:31:04	16.83	51.295	33.750	7.47	7.94	6.4	3.049	94.5	4.5	3.1	1.1
790	8/2/2014 18:46:03	16.93	51.275	33.730	7.57	7.95	7.1	2.978	95.9	4.8	3.3	1.1
791	8/2/2014 19:01:04	17.37	51.333	33.780	7.68	7.95	7.5	2.904	98.2	4.5	3.1	1.1
792	8/2/2014 19:16:03	17.45	51.385	33.820	7.58	7.94	6.9	2.831	97.0	4.3	2.9	1.0
793	8/2/2014 19:31:03	18.03	51.401	33.840	7.41	7.93	6.3	2.738	95.9	4.4	3.0	1.0
794	8/2/2014 19:46:03	18.22	51.478	33.890	7.36	7.92	7.2	2.663	95.7	4.6	3.1	1.1
795	8/2/2014 20:01:03	18.41	51.494	33.910	7.19	7.91	5.7	2.609	93.7	4.2	2.9	1.0
796	8/2/2014 20:16:03	18.74	51.470	33.890	7.00	7.90	5.9	2.522	91.8	4.4	3.0	1.0
797	8/2/2014 20:31:03	18.97	51.575	33.970	7.28	7.91	8.6	2.445	95.9	5.0	3.4	1.2
798	8/2/2014 20:46:03	18.94	51.600	33.990	7.30	7.91	8.1	2.358	96.1	5.3	3.6	1.3
799	8/2/2014 21:01:03	18.45	51.527	33.930	7.22	7.91	9.2	2.310	94.3	5.1	3.5	1.2
800	8/2/2014 21:16:03	18.50	51.590	33.980	7.24	7.91	8.6	2.222	94.6	5.2	3.5	1.2
801	8/2/2014 21:31:03	18.46	51.666	34.030	7.22	7.91	8.6	2.130	94.3	5.1	3.5	1.2
802	8/2/2014 21:46:03	18.60	51.521	33.930	7.18	7.91	8.3	2.065	93.9	5.6	3.8	1.3
803	8/2/2014 22:01:03	18.75	51.495	33.910	7.11	7.91	7.8	2.007	93.3	5.5	3.7	1.3
804	8/2/2014 22:16:03	18.93	51.624	34.000	7.18	7.92	7.5	1.937	94.6	4.6	3.1	1.1
805	8/2/2014 22:31:03	18.93	51.693	34.050	7.15	7.91	6.7	1.858	94.2	5.0	3.4	1.2
806	8/2/2014 22:46:03	19.07	51.685	34.050	7.14	7.92	6.8	1.823	94.3	4.7	3.2	1.1
807	8/2/2014 23:01:03	19.52	51.746	34.090	7.18	7.92	5.8	1.803	95.7	4.5	3.1	1.1
808	8/2/2014 23:16:03	19.69	51.763	34.110	7.25	7.93	4.7	1.764	97.0	4.7	3.2	1.1
809	8/2/2014 23:31:03	19.77	51.790	34.130	6.99	7.91	3.7	1.748	93.6	4.4	3.0	1.0
810	8/2/2014 23:46:03	19.86	51.822	34.150	6.08	7.88	3.1	1.759	81.5	3.6	2.4	0.8
811	8/3/2014 0:01:03	20.03	51.873	34.190	7.48	7.95	3.6	1.785	100.7	4.4	3.0	1.0
812	8/3/2014 0:16:03	19.84	51.822	34.150	7.48	7.94	3.6	1.798	100.4	4.3	2.9	1.0
813	8/3/2014 0:31:03	19.91	51.843	34.160	7.53	7.95	3.9	1.825	101.2	4.5	3.1	1.1
814	8/3/2014 0:46:03	19.87	51.833	34.160	7.56	7.95	4.2	1.889	101.4	4.2	2.9	1.0
815	8/3/2014 1:01:03	19.79	51.809	34.140	7.50	7.94	4.2	1.942	100.4	4.2	2.9	1.0
816	8/3/2014 1:16:03	19.85	51.821	34.150	7.25	7.92	5.4	1.990	97.3	4.8	3.3	1.1
817	8/3/2014 1:31:03	19.87	51.838	34.160	7.02	7.91	5.7	2.029	94.2	4.6	3.1	1.1
818	8/3/2014 1:46:03	19.78	51.794	34.130	7.05	7.91	5.8	2.101	94.5	5.0	3.4	1.2
819	8/3/2014 2:01:03	19.67	51.791	34.130	7.05	7.90	5.2	2.151	94.2	4.6	3.1	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
820	8/3/2014 2:16:03	19.52	51.751	34.100	7.01	7.90	5.3	2.200	93.4	4.2	2.9	1.0
821	8/3/2014 2:31:03	19.42	51.727	34.080	7.00	7.90	5.3	2.248	93.1	5.0	3.4	1.2
822	8/3/2014 2:46:03	19.33	51.690	34.050	6.99	7.90	5.1	2.309	92.8	4.4	3.0	1.0
823	8/3/2014 3:01:03	18.96	51.624	34.000	6.99	7.89	5.1	2.361	92.1	4.2	2.9	1.0
824	8/3/2014 3:16:03	18.70	51.595	33.980	6.90	7.88	4.6	2.395	90.5	4.9	3.3	1.2
825	8/3/2014 3:31:03	18.59	51.577	33.970	6.81	7.88	4.7	2.456	89.2	4.8	3.3	1.1
826	8/3/2014 3:46:03	18.37	51.519	33.920	6.86	7.88	4.9	2.510	89.4	5.0	3.4	1.2
827	8/3/2014 4:01:03	18.18	51.506	33.910	6.89	7.88	4.7	2.545	89.5	4.7	3.2	1.1
828	8/3/2014 4:16:04	18.05	51.491	33.900	6.85	7.88	4.6	2.583	88.7	5.1	3.5	1.2
829	8/3/2014 4:31:03	17.90	51.471	33.890	6.87	7.88	3.9	2.640	88.8	4.9	3.3	1.2
830	8/3/2014 4:46:04	17.68	51.425	33.850	6.90	7.88	4.0	2.659	88.7	4.3	2.9	1.0
831	8/3/2014 5:01:04	17.59	51.415	33.840	6.77	7.88	3.4	2.693	86.9	4.4	3.0	1.1
832	8/3/2014 5:16:04	17.43	51.422	33.850	6.66	7.87	3.4	2.723	85.2	3.8	2.6	0.9
833	8/3/2014 5:31:04	17.41	51.396	33.830	6.56	7.88	3.7	2.739	83.9	4.6	3.1	1.1
834	8/3/2014 5:46:03	17.82	51.496	33.900	6.26	7.86	5.9	2.751	80.7	4.5	3.1	1.1
835	8/3/2014 6:01:03	17.47	51.450	33.870	6.52	7.86	4.5	2.737	83.5	4.0	2.7	0.9
836	8/3/2014 6:16:04	17.46	51.374	33.810	6.52	7.86	3.6	2.724	83.4	4.3	2.9	1.0
837	8/3/2014 6:31:04	17.44	51.397	33.830	6.23	7.85	3.6	2.713	79.8	3.5	2.4	0.8
838	8/3/2014 6:46:03	17.60	51.418	33.850	6.34	7.86	4.7	2.654	81.4	3.4	2.3	0.8
839	8/3/2014 7:01:03	18.14	51.546	33.940	6.18	7.83	8.0	2.600	80.2	3.8	2.6	0.9
840	8/3/2014 7:16:03	18.39	51.745	34.090	5.53	7.77	11.1	2.563	72.2	4.5	3.1	1.1
841	8/3/2014 7:31:04	18.37	51.780	34.120	5.17	7.73	10.7	2.499	67.5	4.3	2.9	1.0
842	8/3/2014 7:46:04	18.35	51.727	34.080	5.37	7.75	9.2	2.423	70.0	4.3	2.9	1.0
843	8/3/2014 8:01:03	18.21	51.692	34.050	5.53	7.76	9.6	2.357	71.9	3.9	2.7	0.9
844	8/3/2014 8:16:03	18.49	51.561	33.960	5.77	7.80	7.8	2.316	75.4	4.3	2.9	1.0
845	8/3/2014 8:31:03	18.53	51.590	33.980	5.83	7.80	6.7	2.249	76.2	3.3	2.2	0.8
846	8/3/2014 8:46:03	18.78	51.688	34.050	5.87	7.80	5.9	2.183	77.2	3.8	2.6	0.9
847	8/3/2014 9:01:03	18.64	51.658	34.030	5.79	7.79	6.4	2.118	75.8	3.7	2.5	0.9
848	8/3/2014 9:16:03	18.73	51.719	34.070	5.89	7.80	6.3	2.088	77.3	4.0	2.7	1.0
849	8/3/2014 9:31:03	18.93	51.739	34.090	5.90	7.80	5.6	2.049	77.8	3.6	2.4	0.8
850	8/3/2014 9:46:03	18.99	51.747	34.090	5.91	7.81	5.3	1.984	78.0	3.4	2.3	0.8
851	8/3/2014 10:01:03	18.84	51.744	34.090	5.84	7.80	5.1	1.953	76.9	3.8	2.6	0.9
852	8/3/2014 10:16:03	19.03	51.756	34.100	6.01	7.82	4.9	1.954	79.3	3.6	2.4	0.8
853	8/3/2014 10:31:03	19.14	51.762	34.110	5.75	7.82	4.0	1.913	76.1	3.9	2.7	0.9
854	8/3/2014 10:46:03	19.18	51.762	34.110	5.53	7.81	3.8	1.899	73.2	3.7	2.5	0.9
855	8/3/2014 11:01:04	19.23	51.797	34.130	5.06	7.77	3.8	1.900	67.1	2.9	2.0	0.7
856	8/3/2014 11:16:03	19.38	51.772	34.110	5.91	7.83	3.9	1.903	78.6	3.6	2.4	0.8
857	8/3/2014 11:31:03	19.28	51.821	34.150	6.12	7.84	4.0	1.928	81.3	3.6	2.4	0.9
858	8/3/2014 11:46:03	19.28	51.792	34.130	6.17	7.83	4.0	1.939	81.9	4.4	3.0	1.0
859	8/3/2014 12:01:03	19.26	51.794	34.130	6.18	7.83	3.7	1.973	82.0	4.1	2.8	1.0
860	8/3/2014 12:16:03	19.25	51.787	34.120	6.22	7.84	4.1	2.020	82.6	4.2	2.9	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
861	8/3/2014 12:31:03	19.16	51.765	34.110	6.17	7.83	4.8	2.063	81.7	3.5	2.4	0.8
862	8/3/2014 12:46:03	19.17	51.759	34.100	6.27	7.83	4.8	2.119	83.1	4.4	3.0	1.1
863	8/3/2014 13:01:03	19.07	51.726	34.080	6.24	7.83	4.9	2.163	82.5	3.8	2.6	0.9
864	8/3/2014 13:16:03	18.88	51.716	34.070	6.22	7.83	5.5	2.235	81.9	3.8	2.6	0.9
865	8/3/2014 13:31:04	18.83	51.698	34.060	6.30	7.84	6.0	2.296	82.9	4.2	2.9	1.0
866	8/3/2014 13:46:03	18.70	51.662	34.030	6.43	7.84	5.6	2.361	84.4	4.3	2.9	1.0
867	8/3/2014 14:01:03	18.50	51.622	34.000	6.47	7.84	6.4	2.415	84.5	4.1	2.8	1.0
868	8/3/2014 14:16:04	18.36	51.578	33.970	6.52	7.85	5.6	2.480	85.0	4.1	2.8	1.0
869	8/3/2014 14:31:03	18.13	51.506	33.910	6.71	7.87	6.0	2.557	87.0	4.6	3.1	1.1
870	8/3/2014 14:46:03	17.98	51.488	33.900	6.80	7.88	6.3	2.617	88.0	4.2	2.9	1.0
871	8/3/2014 15:01:03	17.80	51.434	33.860	6.88	7.88	6.1	2.685	88.7	4.0	2.7	1.0
872	8/3/2014 15:16:03	17.61	51.396	33.830	6.96	7.89	6.2	2.753	89.4	4.2	2.9	1.0
873	8/3/2014 15:31:03	17.50	51.382	33.820	7.02	7.90	5.4	2.821	89.9	4.1	2.8	1.0
874	8/3/2014 15:46:04	17.15	51.334	33.780	7.10	7.90	5.6	2.891	90.4	4.5	3.1	1.1
875	8/3/2014 16:01:04	16.76	51.303	33.750	7.10	7.91	6.5	2.957	89.7	4.1	2.8	1.0
876	8/3/2014 16:16:04	16.32	51.252	33.710	7.24	7.92	5.7	3.025	90.6	4.3	2.9	1.0
877	8/3/2014 16:31:04	16.01	51.229	33.690	7.41	7.94	5.4	3.098	92.2	3.8	2.6	0.9
878	8/3/2014 16:46:03	15.84	51.198	33.660	7.50	7.95	4.1	3.144	92.9	5.0	3.4	1.2
879	8/3/2014 17:01:03	15.56	51.168	33.630	7.61	7.96	3.6	3.204	93.8	5.3	3.6	1.3
880	8/3/2014 17:16:04	15.45	51.186	33.640	7.52	7.96	3.0	3.253	92.5	4.4	3.0	1.1
881	8/3/2014 17:31:04	15.29	51.217	33.660	7.53	7.96	2.5	3.285	92.4	3.8	2.6	0.9
882	8/3/2014 17:46:03	15.03	51.201	33.640	7.52	7.96	2.1	3.304	91.7	4.4	3.0	1.0
883	8/3/2014 18:01:04	15.67	51.210	33.660	7.41	7.95	3.0	3.298	91.6	5.7	3.9	1.4
884	8/3/2014 18:16:04	15.12	51.219	33.660	7.39	7.96	2.5	3.302	90.3	6.0	4.1	1.4
885	8/3/2014 18:31:04	15.06	51.181	33.630	7.16	7.93	2.5	3.281	87.3	3.7	2.5	0.9
886	8/3/2014 18:46:04	15.24	51.152	33.610	7.13	7.94	3.2	3.218	87.3	4.1	2.8	1.0
887	8/3/2014 19:01:04	16.08	51.030	33.540	7.07	7.93	4.3	3.174	88.0	3.8	2.6	0.9
888	8/3/2014 19:16:03	16.72	51.250	33.710	7.33	7.94	5.6	3.112	92.4	4.4	3.0	1.0
889	8/3/2014 19:31:04	17.11	51.346	33.790	7.25	7.93	6.4	3.044	92.1	4.4	3.0	1.0
890	8/3/2014 19:46:04	17.32	51.380	33.810	7.25	7.92	7.3	2.967	92.6	4.5	3.1	1.1
891	8/3/2014 20:01:03	17.57	51.375	33.810	7.25	7.92	7.5	2.879	93.0	4.6	3.1	1.1
892	8/3/2014 20:16:03	17.93	51.463	33.880	7.37	7.93	7.6	2.817	95.3	4.6	3.1	1.1
893	8/3/2014 20:31:03	18.09	51.510	33.920	7.30	7.92	6.8	2.718	94.7	4.3	2.9	1.0
894	8/3/2014 20:46:03	18.08	51.488	33.900	7.24	7.91	6.8	2.652	93.8	4.9	3.3	1.2
895	8/3/2014 21:01:03	18.45	51.529	33.930	7.06	7.90	7.2	2.574	92.1	4.5	3.1	1.1
896	8/3/2014 21:16:03	18.71	51.531	33.930	6.94	7.89	7.2	2.487	91.0	4.6	3.1	1.1
897	8/3/2014 21:31:03	18.89	51.614	34.000	6.94	7.89	6.1	2.422	91.4	4.8	3.3	1.1
898	8/3/2014 21:46:03	19.01	51.633	34.010	6.92	7.89	7.0	2.340	91.3	5.0	3.4	1.2
899	8/3/2014 22:01:04	18.85	51.627	34.010	6.85	7.88	7.1	2.251	90.1	5.0	3.4	1.2
900	8/3/2014 22:16:03	18.46	51.641	34.020	6.89	7.88	7.4	2.172	90.0	5.1	3.5	1.2
901	8/3/2014 22:31:03	18.45	51.544	33.940	6.94	7.88	9.0	2.090	90.5	5.9	4.0	1.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
902	8/3/2014 22:46:03	18.67	51.683	34.050	7.02	7.90	7.5	2.019	92.0	5.1	3.5	1.2
903	8/3/2014 23:01:03	18.81	51.709	34.070	7.02	7.90	7.6	1.928	92.3	4.6	3.1	1.1
904	8/3/2014 23:16:03	19.02	51.736	34.090	6.90	7.90	7.2	1.866	91.1	5.5	3.7	1.3
905	8/3/2014 23:31:03	19.18	51.792	34.130	7.01	7.90	5.9	1.819	92.9	5.2	3.5	1.2
906	8/3/2014 23:46:03	19.37	51.829	34.160	7.02	7.91	6.1	1.748	93.3	4.1	2.8	1.0
907	8/4/2014 0:01:03	19.58	51.829	34.150	7.10	7.92	5.3	1.706	94.7	4.2	2.9	1.0
908	8/4/2014 0:16:03	19.82	51.930	34.230	7.22	7.94	4.8	1.689	96.9	3.9	2.7	0.9
909	8/4/2014 0:31:03	19.99	51.934	34.230	7.29	7.95	3.9	1.695	98.1	4.1	2.8	1.0
910	8/4/2014 0:46:03	19.93	51.933	34.230	6.96	7.93	2.8	1.675	93.5	4.2	2.9	1.0
911	8/4/2014 1:01:03	19.94	51.932	34.230	7.10	7.93	3.7	1.671	95.4	3.8	2.6	0.9
912	8/4/2014 1:16:03	19.88	51.922	34.220	7.33	7.94	3.9	1.730	98.4	4.5	3.1	1.1
913	8/4/2014 1:31:03	19.78	51.873	34.190	7.34	7.94	4.1	1.760	98.3	4.2	2.9	1.0
914	8/4/2014 1:46:03	19.76	51.880	34.190	7.30	7.94	4.0	1.796	97.8	4.4	3.0	1.0
915	8/4/2014 2:01:03	19.71	51.880	34.190	7.29	7.93	3.9	1.847	97.6	4.1	2.8	1.0
916	8/4/2014 2:16:03	19.66	51.868	34.180	7.23	7.93	4.1	1.901	96.7	4.3	2.9	1.0
917	8/4/2014 2:31:03	19.65	51.872	34.190	6.99	7.91	5.5	1.965	93.4	5.4	3.7	1.3
918	8/4/2014 2:46:03	19.66	51.875	34.190	6.78	7.89	6.4	2.013	90.7	5.2	3.5	1.2
919	8/4/2014 3:01:03	19.58	51.855	34.170	6.76	7.89	5.6	2.053	90.2	4.9	3.3	1.2
920	8/4/2014 3:16:03	19.45	51.819	34.150	6.76	7.89	5.1	2.113	90.0	4.9	3.3	1.2
921	8/4/2014 3:31:03	19.31	51.796	34.130	6.82	7.89	5.4	2.183	90.5	4.9	3.3	1.2
922	8/4/2014 3:46:03	19.27	51.791	34.130	6.75	7.88	5.0	2.217	89.6	4.2	2.9	1.0
923	8/4/2014 4:01:03	19.04	51.731	34.080	6.72	7.88	4.6	2.260	88.7	4.5	3.1	1.1
924	8/4/2014 4:16:03	18.84	51.677	34.040	6.71	7.88	5.3	2.323	88.3	4.8	3.3	1.1
925	8/4/2014 4:31:03	18.67	51.658	34.030	6.72	7.88	4.9	2.370	88.2	4.7	3.2	1.1
926	8/4/2014 4:46:04	18.50	51.639	34.010	6.66	7.87	4.9	2.409	87.1	5.2	3.5	1.2
927	8/4/2014 5:01:03	18.38	51.600	33.980	6.65	7.86	4.9	2.461	86.8	4.9	3.3	1.2
928	8/4/2014 5:16:03	18.25	51.542	33.940	6.68	7.86	5.0	2.502	86.8	4.9	3.3	1.2
929	8/4/2014 5:31:03	18.11	51.553	33.950	6.69	7.87	4.7	2.549	86.8	5.0	3.4	1.2
930	8/4/2014 5:46:03	18.00	51.547	33.940	6.68	7.87	4.7	2.582	86.4	4.5	3.1	1.1
931	8/4/2014 6:01:04	17.92	51.530	33.930	6.65	7.87	4.2	2.621	85.9	4.6	3.1	1.1
932	8/4/2014 6:16:03	17.83	51.528	33.930	6.64	7.86	3.7	2.652	85.7	3.6	2.4	0.8
933	8/4/2014 6:31:04	17.74	51.482	33.890	6.46	7.86	3.2	2.668	83.2	4.4	3.0	1.1
934	8/4/2014 6:46:03	17.74	51.494	33.900	6.35	7.85	3.7	2.689	81.8	3.6	2.4	0.8
935	8/4/2014 7:01:04	18.19	51.635	34.010	6.12	7.83	5.7	2.693	79.5	4.3	2.9	1.0
936	8/4/2014 7:16:03	17.75	51.611	33.990	6.00	7.84	4.3	2.686	77.3	3.8	2.6	0.9
937	8/4/2014 7:31:03	17.70	51.539	33.940	6.18	7.83	3.4	2.670	79.5	3.6	2.4	0.9
938	8/4/2014 7:46:03	17.74	51.481	33.890	6.08	7.83	4.0	2.662	78.3	3.1	2.1	0.7
939	8/4/2014 8:01:04	18.00	51.511	33.920	6.14	7.82	5.4	2.599	79.4	3.5	2.4	0.8
940	8/4/2014 8:16:03	18.26	51.790	34.120	5.49	7.75	9.4	2.563	71.5	4.3	2.9	1.0
941	8/4/2014 8:31:04	18.14	51.747	34.090	5.33	7.75	7.8	2.520	69.3	3.7	2.5	0.9
942	8/4/2014 8:46:04	18.17	51.762	34.100	5.55	7.77	7.3	2.457	72.2	4.2	2.9	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
943	8/4/2014 9:01:03	17.93	51.711	34.060	5.44	7.72	6.4	2.408	70.4	4.3	2.9	1.0
944	8/4/2014 9:16:03	18.24	51.768	34.110	5.75	7.78	5.9	2.353	74.8	4.4	3.0	1.0
945	8/4/2014 9:31:03	18.30	51.733	34.080	5.86	7.79	5.1	2.305	76.4	3.5	2.4	0.8
946	8/4/2014 9:46:03	18.46	51.740	34.090	5.99	7.81	5.2	2.248	78.3	4.2	2.9	1.0
947	8/4/2014 10:01:04	18.62	51.752	34.100	6.07	7.82	5.1	2.218	79.5	3.8	2.6	0.9
948	8/4/2014 10:16:03	18.70	51.805	34.140	6.10	7.82	5.0	2.167	80.1	3.8	2.6	0.9
949	8/4/2014 10:31:03	18.68	51.750	34.100	6.12	7.82	4.4	2.125	80.3	4.8	3.3	1.1
950	8/4/2014 10:46:03	18.87	51.785	34.120	6.19	7.83	4.1	2.116	81.5	3.9	2.7	0.9
951	8/4/2014 11:01:04	18.99	51.812	34.140	6.20	7.83	4.4	2.081	81.9	3.7	2.5	0.9
952	8/4/2014 11:16:03	19.13	51.795	34.130	5.99	7.81	3.2	2.054	79.3	3.6	2.4	0.8
953	8/4/2014 11:31:03	19.15	51.837	34.160	5.74	7.81	3.4	2.045	76.0	3.8	2.6	0.9
954	8/4/2014 11:46:03	19.17	51.830	34.160	5.37	7.76	3.3	2.054	71.1	2.7	1.8	0.6
955	8/4/2014 12:01:03	19.20	51.839	34.160	6.23	7.84	3.4	2.053	82.5	3.8	2.6	0.9
956	8/4/2014 12:16:03	19.20	51.844	34.170	6.27	7.85	3.5	2.054	83.1	3.8	2.6	0.9
957	8/4/2014 12:31:03	19.11	51.823	34.150	6.37	7.85	4.2	2.087	84.3	4.2	2.9	1.0
958	8/4/2014 12:46:03	19.12	51.814	34.140	6.40	7.85	3.9	2.108	84.8	4.2	2.9	1.0
959	8/4/2014 13:01:03	19.01	51.788	34.120	6.43	7.85	4.3	2.143	84.9	4.7	3.2	1.1
960	8/4/2014 13:16:03	18.93	51.768	34.110	6.43	7.85	4.2	2.179	84.8	4.5	3.1	1.1
961	8/4/2014 13:31:03	18.87	51.771	34.110	6.41	7.85	4.8	2.226	84.4	3.9	2.7	0.9
962	8/4/2014 13:46:04	18.79	51.741	34.090	6.41	7.85	4.8	2.279	84.3	4.8	3.3	1.1
963	8/4/2014 14:01:03	18.69	51.723	34.080	6.40	7.84	4.2	2.315	84.0	4.3	2.9	1.0
964	8/4/2014 14:16:04	18.53	51.690	34.050	6.57	7.85	5.1	2.385	85.9	5.1	3.5	1.2
965	8/4/2014 14:31:04	18.44	51.657	34.030	6.58	7.85	5.1	2.424	85.9	4.7	3.2	1.1
966	8/4/2014 14:46:03	18.38	51.646	34.020	6.57	7.85	5.2	2.489	85.6	4.5	3.1	1.1
967	8/4/2014 15:01:03	18.25	51.587	33.970	6.60	7.85	5.4	2.559	85.8	4.7	3.2	1.1
968	8/4/2014 15:16:04	17.94	51.539	33.940	6.74	7.86	5.4	2.609	87.1	4.3	2.9	1.0
969	8/4/2014 15:31:03	17.73	51.493	33.900	6.78	7.87	4.8	2.680	87.3	3.7	2.5	0.9
970	8/4/2014 15:46:04	17.52	51.480	33.890	6.79	7.87	5.1	2.742	87.1	4.4	3.0	1.0
971	8/4/2014 16:01:03	17.26	51.424	33.850	6.90	7.88	5.1	2.816	88.0	4.2	2.9	1.0
972	8/4/2014 16:16:04	16.99	51.423	33.840	6.92	7.88	5.1	2.879	87.8	3.9	2.7	0.9
973	8/4/2014 16:31:03	16.67	51.351	33.790	6.88	7.89	4.9	2.944	86.7	3.7	2.5	0.9
974	8/4/2014 16:46:04	16.18	51.353	33.780	6.97	7.89	4.9	3.022	87.0	4.2	2.9	1.0
975	8/4/2014 17:01:04	15.88	51.320	33.750	7.01	7.90	5.0	3.084	87.0	4.2	2.9	1.0
976	8/4/2014 17:16:03	15.50	51.293	33.720	7.18	7.92	5.0	3.144	88.5	4.0	2.7	0.9
977	8/4/2014 17:31:03	15.32	51.278	33.710	7.26	7.92	4.2	3.206	89.0	4.6	3.1	1.1
978	8/4/2014 17:46:04	15.11	51.282	33.700	7.26	7.92	3.2	3.263	88.7	4.2	2.9	1.0
979	8/4/2014 18:01:03	14.93	51.243	33.670	7.21	7.93	3.4	3.300	87.8	4.0	2.7	0.9
980	8/4/2014 18:16:03	14.74	51.276	33.690	7.26	7.93	2.5	3.338	88.0	3.5	2.4	0.8
981	8/4/2014 18:31:04	14.67	51.231	33.660	7.19	7.92	2.1	3.358	87.0	4.6	3.1	1.1
982	8/4/2014 18:46:03	15.25	51.300	33.720	7.08	7.92	3.5	3.373	86.7	4.5	3.1	1.1
983	8/4/2014 19:01:03	14.80	51.220	33.650	7.17	7.92	2.9	3.371	87.1	4.2	2.9	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
984	8/4/2014 19:16:04	14.67	51.264	33.680	7.25	7.93	3.1	3.346	87.8	4.4	3.0	1.1
985	8/4/2014 19:31:04	14.78	51.238	33.660	7.16	7.92	2.8	3.317	86.9	3.8	2.6	0.9
986	8/4/2014 19:46:04	15.20	51.205	33.650	6.98	7.91	3.1	3.269	85.4	3.8	2.6	0.9
987	8/4/2014 20:01:04	15.73	51.288	33.720	7.03	7.91	4.9	3.217	86.9	4.1	2.8	1.0
988	8/4/2014 20:16:03	15.79	51.339	33.760	6.92	7.90	4.8	3.144	85.8	4.3	2.9	1.0
989	8/4/2014 20:31:04	16.27	51.351	33.780	6.88	7.90	5.7	3.080	86.1	4.2	2.9	1.0
990	8/4/2014 20:46:04	16.59	51.401	33.820	6.77	7.89	5.6	3.010	85.3	3.9	2.7	0.9
991	8/4/2014 21:01:04	16.99	51.425	33.840	6.83	7.89	5.9	2.924	86.7	4.2	2.9	1.0
992	8/4/2014 21:16:04	17.24	51.479	33.890	6.88	7.89	6.2	2.847	87.7	4.6	3.1	1.1
993	8/4/2014 21:31:03	17.51	51.537	33.930	6.87	7.89	6.4	2.760	88.1	4.6	3.1	1.1
994	8/4/2014 21:46:03	17.82	51.517	33.920	6.78	7.88	6.2	2.681	87.5	4.6	3.1	1.1
995	8/4/2014 22:01:03	18.06	51.563	33.960	6.72	7.88	6.3	2.596	87.1	4.5	3.1	1.1
996	8/4/2014 22:16:04	18.33	51.673	34.040	6.77	7.88	6.9	2.503	88.2	4.8	3.3	1.1
997	8/4/2014 22:31:03	18.46	51.670	34.040	6.74	7.88	7.0	2.426	88.1	4.5	3.1	1.1
998	8/4/2014 22:46:03	18.33	51.661	34.030	6.70	7.87	7.0	2.318	87.3	4.4	3.0	1.1
999	8/4/2014 23:01:03	17.98	51.617	33.990	6.64	7.87	7.4	2.239	86.0	4.7	3.2	1.1
1000	8/4/2014 23:16:03	17.36	51.657	34.020	6.52	7.85	9.4	2.141	83.4	4.7	3.2	1.1
1001	8/4/2014 23:31:03	17.82	51.650	34.020	6.57	7.87	8.9	2.038	84.8	4.4	3.0	1.0
1002	8/4/2014 23:46:04	17.95	51.653	34.020	6.58	7.87	7.8	1.956	85.2	4.6	3.1	1.1
1003	8/5/2014 0:01:04	18.11	51.713	34.070	6.54	7.87	7.6	1.877	84.9	4.5	3.1	1.1
1004	8/5/2014 0:16:03	18.31	51.738	34.090	6.54	7.87	6.5	1.800	85.2	4.3	2.9	1.0
1005	8/5/2014 0:31:03	18.35	51.761	34.100	6.47	7.87	6.0	1.709	84.4	4.7	3.2	1.1
1006	8/5/2014 0:46:04	18.65	51.815	34.140	6.59	7.88	6.4	1.651	86.5	4.4	3.0	1.1
1007	8/5/2014 1:01:03	18.82	51.804	34.140	6.55	7.88	5.6	1.614	86.2	4.3	2.9	1.0
1008	8/5/2014 1:16:03	18.96	51.879	34.190	6.64	7.89	5.3	1.555	87.6	4.4	3.0	1.0
1009	8/5/2014 1:31:03	19.25	51.905	34.210	6.85	7.91	4.2	1.539	90.9	4.2	2.9	1.0
1010	8/5/2014 1:46:03	19.37	51.919	34.220	6.77	7.91	3.4	1.525	90.0	4.5	3.1	1.1
1011	8/5/2014 2:01:03	19.43	51.978	34.270	6.96	7.93	3.6	1.565	92.7	4.0	2.7	1.0
1012	8/5/2014 2:16:03	19.30	51.919	34.220	6.92	7.92	3.4	1.570	91.9	3.7	2.5	0.9
1013	8/5/2014 2:31:03	19.29	51.945	34.240	6.93	7.92	3.2	1.598	92.1	3.8	2.6	0.9
1014	8/5/2014 2:46:03	19.32	51.934	34.230	7.06	7.93	3.5	1.674	93.9	3.7	2.5	0.9
1015	8/5/2014 3:01:03	19.22	51.913	34.220	6.95	7.92	3.9	1.720	92.3	4.2	2.9	1.0
1016	8/5/2014 3:16:03	19.17	51.901	34.210	6.89	7.91	3.9	1.772	91.3	4.4	3.0	1.1
1017	8/5/2014 3:31:03	19.11	51.893	34.200	6.89	7.91	3.8	1.834	91.2	4.2	2.9	1.0
1018	8/5/2014 3:46:03	19.02	51.846	34.170	6.84	7.90	4.3	1.891	90.4	3.7	2.5	0.9
1019	8/5/2014 4:01:03	18.87	51.831	34.160	6.79	7.89	4.0	1.940	89.4	4.2	2.9	1.0
1020	8/5/2014 4:16:03	18.77	51.831	34.160	6.73	7.89	4.3	2.010	88.5	4.2	2.9	1.0
1021	8/5/2014 4:31:03	18.68	51.804	34.140	6.68	7.88	4.2	2.064	87.7	4.4	3.0	1.1
1022	8/5/2014 4:46:03	18.65	51.795	34.130	6.60	7.87	4.5	2.114	86.5	4.3	2.9	1.0
1023	8/5/2014 5:01:03	18.66	51.781	34.120	6.58	7.87	4.8	2.182	86.3	4.1	2.8	1.0
1024	8/5/2014 5:16:03	18.65	51.816	34.140	6.56	7.86	4.9	2.240	86.1	4.3	2.9	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
1025	8/5/2014 5:31:03	18.57	51.793	34.130	6.52	7.86	4.8	2.293	85.3	4.3	2.9	1.0
1026	8/5/2014 5:46:03	18.32	51.697	34.060	6.43	7.85	5.0	2.345	83.7	4.4	3.0	1.0
1027	8/5/2014 6:01:03	18.24	51.705	34.060	6.38	7.84	5.1	2.402	83.0	4.6	3.1	1.1
1028	8/5/2014 6:16:03	18.13	51.669	34.030	6.39	7.84	5.0	2.456	82.9	4.5	3.1	1.1
1029	8/5/2014 6:31:04	18.01	51.658	34.020	6.39	7.84	4.5	2.505	82.7	4.4	3.0	1.0
1030	8/5/2014 6:46:03	17.86	51.597	33.980	6.37	7.84	4.3	2.545	82.3	3.8	2.6	0.9
1031	8/5/2014 7:01:04	17.73	51.618	33.990	6.38	7.84	4.6	2.591	82.2	3.4	2.3	0.8
1032	8/5/2014 7:16:03	17.64	51.553	33.950	6.39	7.84	4.3	2.637	82.2	3.7	2.5	0.9
1033	8/5/2014 7:31:03	17.55	51.567	33.950	6.34	7.84	3.8	2.666	81.4	3.2	2.2	0.8
1034	8/5/2014 7:46:03	17.51	51.565	33.950	6.23	7.83	3.6	2.688	79.8	3.8	2.6	0.9
1035	8/5/2014 8:01:04	17.55	51.594	33.970	6.07	7.83	3.4	2.716	77.9	4.1	2.8	1.0
1036	8/5/2014 8:16:04	17.98	51.617	33.990	5.85	7.82	5.5	2.723	75.7	3.5	2.4	0.8
1037	8/5/2014 8:31:03	17.64	51.735	34.080	5.96	7.82	4.6	2.728	76.6	3.8	2.6	0.9
1038	8/5/2014 8:46:04	17.58	51.603	33.980	5.93	7.82	4.0	2.707	76.1	2.5	1.7	0.6
1039	8/5/2014 9:01:04	17.37	51.613	33.990	6.07	7.82	3.2	2.687	77.6	3.2	2.2	0.8
1040	8/5/2014 9:16:04	17.57	51.545	33.940	5.82	7.81	4.2	2.672	74.7	3.3	2.2	0.8
1041	8/5/2014 9:31:03	17.91	51.698	34.050	5.61	7.79	6.7	2.624	72.6	3.2	2.2	0.8
1042	8/5/2014 9:46:03	17.85	51.781	34.110	5.26	7.75	7.2	2.574	67.9	3.5	2.4	0.8
1043	8/5/2014 10:01:03	17.67	51.861	34.170	5.16	7.70	8.6	2.536	66.5	4.0	2.7	0.9
1044	8/5/2014 10:16:03	17.81	51.783	34.120	5.30	7.72	6.4	2.488	68.4	3.8	2.6	0.9
1045	8/5/2014 10:31:03	17.96	51.784	34.120	5.62	7.75	6.5	2.430	72.8	4.3	2.9	1.0
1046	8/5/2014 10:46:03	17.97	51.825	34.150	5.77	7.76	6.1	2.391	74.7	3.9	2.7	0.9
1047	8/5/2014 11:01:03	18.12	51.791	34.120	5.92	7.78	5.8	2.350	76.8	4.1	2.8	1.0
1048	8/5/2014 11:16:03	18.17	51.824	34.150	5.98	7.79	5.9	2.303	77.8	4.1	2.8	1.0
1049	8/5/2014 11:31:03	18.28	51.785	34.120	6.02	7.80	5.1	2.280	78.4	3.9	2.7	0.9
1050	8/5/2014 11:46:03	18.41	51.780	34.120	6.07	7.81	6.0	2.237	79.3	3.6	2.4	0.9
1051	8/5/2014 12:01:03	18.45	51.805	34.140	6.07	7.81	4.5	2.207	79.3	3.6	2.4	0.9
1052	8/5/2014 12:16:03	18.50	51.780	34.120	6.03	7.81	4.2	2.196	78.9	3.9	2.7	0.9
1053	8/5/2014 12:31:04	18.63	51.830	34.150	5.98	7.81	4.5	2.176	78.4	3.5	2.4	0.8
1054	8/5/2014 12:46:03	18.55	51.785	34.120	5.47	7.77	3.7	2.159	71.6	3.8	2.6	0.9
1055	8/5/2014 13:01:03	18.65	51.839	34.160	5.89	7.80	3.6	2.167	77.3	3.6	2.4	0.8
1056	8/5/2014 13:16:03	18.73	51.871	34.190	6.16	7.82	3.3	2.178	80.9	3.5	2.4	0.8
1057	8/5/2014 13:31:04	18.65	51.853	34.170	6.21	7.83	3.7	2.194	81.5	4.5	3.1	1.1
1058	8/5/2014 13:46:03	18.62	51.822	34.150	6.25	7.83	4.0	2.211	81.9	4.0	2.7	1.0
1059	8/5/2014 14:01:03	18.57	51.788	34.120	6.34	7.84	4.1	2.246	83.0	4.9	3.3	1.2
1060	8/5/2014 14:16:03	18.52	51.796	34.130	6.37	7.84	4.5	2.291	83.4	4.7	3.2	1.1
1061	8/5/2014 14:31:04	18.47	51.764	34.110	6.37	7.84	4.3	2.317	83.3	4.5	3.1	1.1
1062	8/5/2014 14:46:04	18.41	51.741	34.090	6.36	7.83	4.7	2.361	83.0	4.2	2.9	1.0
1063	8/5/2014 15:01:04	18.29	51.716	34.070	6.37	7.84	4.5	2.425	82.9	4.4	3.0	1.0
1064	8/5/2014 15:16:03	18.22	51.712	34.070	6.39	7.84	4.9	2.482	83.1	4.2	2.9	1.0
1065	8/5/2014 15:31:03	18.13	51.685	34.050	6.42	7.84	4.8	2.526	83.4	5.0	3.4	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
1066	8/5/2014 15:46:04	18.06	51.676	34.040	6.39	7.84	5.1	2.594	82.9	4.9	3.3	1.2
1067	8/5/2014 16:01:04	17.84	51.632	34.010	6.35	7.84	5.4	2.652	82.0	4.3	2.9	1.0
1068	8/5/2014 16:16:04	17.55	51.584	33.970	6.48	7.85	5.1	2.718	83.2	4.2	2.9	1.0
1069	8/5/2014 16:31:04	17.14	51.524	33.920	6.57	7.85	4.6	2.784	83.7	4.0	2.7	0.9
1070	8/5/2014 16:46:04	16.82	51.491	33.890	6.64	7.86	4.3	2.849	84.0	4.1	2.8	1.0
1071	8/5/2014 17:01:04	16.67	51.477	33.880	6.77	7.87	4.7	2.925	85.4	4.5	3.1	1.1
1072	8/5/2014 17:16:04	16.33	51.444	33.850	6.85	7.88	5.0	2.996	85.9	4.9	3.3	1.2
1073	8/5/2014 17:31:04	15.88	51.414	33.820	6.97	7.89	4.3	3.058	86.5	4.7	3.2	1.1
1074	8/5/2014 17:46:03	15.64	51.378	33.790	7.02	7.90	4.8	3.132	86.8	4.6	3.1	1.1
1075	8/5/2014 18:01:04	15.41	51.359	33.770	7.21	7.91	4.7	3.195	88.7	4.9	3.3	1.2
1076	8/5/2014 18:16:04	15.12	51.347	33.750	7.37	7.93	4.2	3.254	90.0	5.3	3.6	1.3
1077	8/5/2014 18:31:04	14.75	51.361	33.750	7.68	7.95	3.5	3.309	93.2	6.4	4.4	1.5
1078	8/5/2014 18:46:04	14.58	51.349	33.740	7.76	7.96	2.5	3.357	93.9	5.8	3.9	1.4
1079	8/5/2014 19:01:04	14.37	51.363	33.740	7.96	7.98	2.8	3.404	95.8	5.6	3.8	1.3
1080	8/5/2014 19:16:04	14.30	51.335	33.720	8.01	7.98	2.6	3.433	96.4	7.2	4.9	1.7
1081	8/5/2014 19:31:04	14.12	51.331	33.710	8.25	8.01	2.0	3.454	98.9	10.7	7.3	2.5
1082	8/5/2014 19:46:04	14.28	51.412	33.780	8.09	7.99	3.2	3.460	97.3	8.8	6.0	2.1
1083	8/5/2014 20:01:04	14.22	51.314	33.700	8.39	8.02	2.9	3.458	100.7	9.5	6.5	2.3
1084	8/5/2014 20:16:04	14.12	51.328	33.710	8.58	8.03	2.3	3.429	102.8	10.2	6.9	2.4
1085	8/5/2014 20:31:03	14.30	51.276	33.680	8.26	8.01	3.2	3.385	99.2	8.8	6.0	2.1
1086	8/5/2014 20:46:04	14.77	51.276	33.690	7.64	7.95	4.0	3.341	92.7	4.8	3.3	1.1
1087	8/5/2014 21:01:03	15.02	51.320	33.730	7.20	7.92	6.0	3.266	87.8	5.4	3.7	1.3
1088	8/5/2014 21:16:04	15.47	51.356	33.770	7.02	7.90	5.7	3.198	86.4	5.4	3.7	1.3
1089	8/5/2014 21:31:04	15.85	51.339	33.760	6.79	7.88	5.9	3.121	84.2	4.7	3.2	1.1
1090	8/5/2014 21:46:04	16.40	51.453	33.860	6.91	7.89	6.7	3.030	86.7	4.5	3.1	1.1
1091	8/5/2014 22:01:03	16.55	51.471	33.870	7.00	7.90	7.3	2.950	88.1	5.1	3.5	1.2
1092	8/5/2014 22:16:03	16.83	51.489	33.890	6.86	7.88	5.4	2.866	86.8	4.7	3.2	1.1
1093	8/5/2014 22:31:04	17.05	51.504	33.900	6.74	7.88	5.8	2.758	85.7	4.6	3.1	1.1
1094	8/5/2014 22:46:04	17.42	51.554	33.940	6.68	7.86	6.2	2.674	85.5	4.3	2.9	1.0
1095	8/5/2014 23:01:04	17.78	51.591	33.970	6.57	7.86	6.9	2.588	84.7	4.5	3.1	1.1
1096	8/5/2014 23:16:03	18.00	51.658	34.030	6.58	7.85	6.3	2.476	85.2	4.6	3.1	1.1
1097	8/5/2014 23:31:03	18.13	51.714	34.070	6.60	7.86	7.5	2.371	85.7	4.6	3.1	1.1
1098	8/5/2014 23:46:03	17.82	51.726	34.070	6.64	7.85	8.1	2.280	85.7	5.2	3.5	1.2
1099	8/6/2014 0:01:03	17.65	51.654	34.020	6.60	7.86	7.5	2.170	84.9	4.4	3.0	1.1
1100	8/6/2014 0:16:04	17.72	51.668	34.030	6.61	7.86	7.7	2.055	85.1	5.1	3.5	1.2
1101	8/6/2014 0:31:03	17.57	51.650	34.020	6.54	7.86	7.0	1.946	84.0	4.7	3.2	1.1
1102	8/6/2014 0:46:03	17.46	51.662	34.020	6.41	7.84	8.0	1.839	82.2	4.3	2.9	1.0
1103	8/6/2014 1:01:03	17.61	51.714	34.060	6.41	7.84	7.1	1.756	82.4	4.0	2.7	0.9
1104	8/6/2014 1:16:04	17.90	51.732	34.080	6.37	7.84	6.4	1.634	82.3	4.4	3.0	1.0
1105	8/6/2014 1:31:04	17.98	51.760	34.100	6.27	7.84	6.6	1.546	81.2	4.1	2.8	1.0
1106	8/6/2014 1:46:04	18.16	51.747	34.090	6.20	7.84	5.9	1.496	80.6	4.8	3.3	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
1107	8/6/2014 2:01:03	18.43	51.773	34.110	6.30	7.86	5.0	1.430	82.3	4.7	3.2	1.1
1108	8/6/2014 2:16:03	18.47	51.858	34.180	6.34	7.86	5.4	1.375	82.9	4.6	3.1	1.1
1109	8/6/2014 2:31:03	18.76	51.900	34.210	6.53	7.88	4.3	1.351	85.9	4.4	3.0	1.0
1110	8/6/2014 2:46:04	18.75	52.023	34.300	6.33	7.86	3.5	1.379	83.2	4.6	3.1	1.1
1111	8/6/2014 3:01:03	19.05	52.029	34.300	6.76	7.92	3.5	1.369	89.5	3.5	2.4	0.8
1112	8/6/2014 3:16:03	19.09	52.044	34.310	7.02	7.94	3.7	1.399	92.9	3.7	2.5	0.9
1113	8/6/2014 3:31:03	19.06	52.002	34.280	6.99	7.93	3.5	1.460	92.4	3.6	2.4	0.8
1114	8/6/2014 3:46:03	19.16	52.025	34.300	7.19	7.95	3.5	1.516	95.3	3.5	2.4	0.8
1115	8/6/2014 4:01:03	19.09	51.996	34.280	7.14	7.94	3.7	1.581	94.6	3.5	2.4	0.8
1116	8/6/2014 4:16:03	19.01	51.967	34.260	7.09	7.94	3.7	1.635	93.7	3.9	2.7	0.9
1117	8/6/2014 4:31:03	18.93	51.957	34.250	6.96	7.92	3.9	1.710	91.9	3.7	2.5	0.9
1118	8/6/2014 4:46:03	18.94	51.931	34.230	6.81	7.90	5.5	1.774	89.9	5.7	3.9	1.3
1119	8/6/2014 5:01:03	18.81	51.920	34.220	6.86	7.91	4.5	1.838	90.3	4.8	3.3	1.1
1120	8/6/2014 5:16:03	18.60	51.859	34.180	6.73	7.89	4.8	1.898	88.3	4.8	3.3	1.1
1121	8/6/2014 5:31:03	18.50	51.840	34.160	6.65	7.88	4.7	1.965	87.0	5.1	3.5	1.2
1122	8/6/2014 5:46:04	18.43	51.823	34.150	6.62	7.88	4.8	2.034	86.5	4.8	3.3	1.1
1123	8/6/2014 6:01:04	18.43	51.814	34.140	6.59	7.88	4.8	2.090	86.1	4.9	3.3	1.2
1124	8/6/2014 6:16:03	18.44	51.815	34.140	6.59	7.88	5.1	2.165	86.1	5.0	3.4	1.2
1125	8/6/2014 6:31:04	18.38	51.821	34.150	6.54	7.87	5.6	2.234	85.4	4.9	3.3	1.2
1126	8/6/2014 6:46:03	18.24	51.744	34.090	6.38	7.84	5.2	2.301	83.1	5.1	3.5	1.2
1127	8/6/2014 7:01:03	18.09			6.40	7.83	5.4	2.371	82.4	4.4	3.0	1.0
1128	8/6/2014 7:16:04	17.87			6.35	7.83	5.1	2.429	81.4	3.5	2.4	0.8
1129	8/6/2014 7:31:04	17.62			6.33	7.83	5.4	2.499	80.7	4.3	2.9	1.0
1130	8/6/2014 7:46:03	17.46			6.32	7.83	5.5	2.549	80.3	3.9	2.7	0.9
1131	8/6/2014 8:01:04	17.34			6.35	7.83	4.9	2.606	80.5	3.3	2.2	0.8
1132	8/6/2014 8:16:04	17.25			6.31	7.83	5.0	2.659	79.9	3.5	2.4	0.8
1133	8/6/2014 8:31:03	17.16			6.33	7.83	4.6	2.703	80.0	4.2	2.9	1.0
1134	8/6/2014 8:46:04	17.01			6.32	7.83	4.3	2.740	79.7	3.2	2.2	0.8
1135	8/6/2014 9:01:04	16.80			6.34	7.83	3.2	2.779	79.6	3.9	2.7	0.9
1136	8/6/2014 9:16:04	16.68			6.25	7.83	2.9	2.803	78.3	3.1	2.1	0.7
1137	8/6/2014 9:31:04	17.45			6.16	7.83	5.0	2.812	78.3	3.3	2.2	0.8
1138	8/6/2014 9:46:04	16.92			6.21	7.82	4.3	2.823	78.2	3.4	2.3	0.8
1139	8/6/2014 10:01:04	16.75			6.15	7.82	4.1	2.811	77.1	3.0	2.0	0.7
1140	8/6/2014 10:16:04	16.62			6.29	7.83	3.6	2.786	78.6	3.7	2.5	0.9
1141	8/6/2014 10:31:04	16.92			6.19	7.82	4.3	2.749	77.8	3.3	2.2	0.8
1142	8/6/2014 10:46:03	17.58			5.67	7.77	6.5	2.707	72.2	4.2	2.9	1.0
1143	8/6/2014 11:01:03	17.56			5.91	7.78	5.8	2.660	75.1	3.8	2.6	0.9
1144	8/6/2014 11:16:04	17.63			6.19	7.81	5.6	2.602	78.8	3.9	2.7	0.9
1145	8/6/2014 11:31:03	17.66			6.35	7.83	5.0	2.546	80.9	3.7	2.5	0.9
1146	8/6/2014 11:46:03	17.74			6.39	7.83	4.5	2.489	81.6	3.8	2.6	0.9
1147	8/6/2014 12:01:03	17.83			6.38	7.83	4.3	2.438	81.6	3.5	2.4	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
1148	8/6/2014 12:16:04	17.94			6.30	7.82	3.8	2.379	80.6	3.4	2.3	0.8
1149	8/6/2014 12:31:03	18.07			6.22	7.82	4.1	2.338	79.8	3.3	2.2	0.8
1150	8/6/2014 12:46:03	18.21			6.03	7.81	4.1	2.294	77.7	3.7	2.5	0.9
1151	8/6/2014 13:01:03	18.30			5.97	7.80	3.6	2.248	77.0	3.4	2.3	0.8
1152	8/6/2014 13:16:04	18.40			5.83	7.79	3.5	2.220	75.3	4.2	2.9	1.0
1153	8/6/2014 13:31:03	18.41			5.84	7.79	4.7	2.197	75.5	3.9	2.7	0.9
1154	8/6/2014 13:46:03	18.46			5.65	7.79	4.0	2.164	73.1	3.9	2.7	0.9
1155	8/6/2014 14:01:04	18.50			5.31	7.77	3.5	2.156	68.7	3.3	2.2	0.8
1156	8/6/2014 14:16:03	18.41			6.39	7.82	3.9	2.170	82.6	3.8	2.6	0.9
1157	8/6/2014 14:31:03	18.47			6.38	7.83	3.7	2.177	82.6	4.5	3.1	1.1
1158	8/6/2014 14:46:04	18.37			6.44	7.83	4.0	2.181	83.3	5.0	3.4	1.2
1159	8/6/2014 15:01:03	18.41			6.50	7.83	4.2	2.217	84.0	4.7	3.2	1.1
1160	8/6/2014 15:16:03	18.45			6.61	7.85	5.0	2.259	85.5	5.0	3.4	1.2
1161	8/6/2014 15:31:04	18.40			6.62	7.85	4.3	2.301	85.6	5.8	3.9	1.4
1162	8/6/2014 15:46:03	18.25			6.52	7.84	4.9	2.347	84.1	5.3	3.6	1.3
1163	8/6/2014 16:01:03	18.15			6.53	7.84	4.8	2.402	84.1	5.0	3.4	1.2
1164	8/6/2014 16:16:03	18.02			6.67	7.85	5.1	2.461	85.5	5.1	3.5	1.2
1165	8/6/2014 16:31:03	17.86			6.68	7.85	5.6	2.522	85.3	5.0	3.4	1.2
1166	8/6/2014 16:46:03	17.78			6.66	7.84	5.3	2.590	85.0	5.2	3.5	1.2
1167	8/6/2014 17:01:04	17.61			6.55	7.84	5.3	2.644	83.2	5.1	3.5	1.2
1168	8/6/2014 17:16:04	17.23			6.68	7.85	5.9	2.720	84.3	4.5	3.1	1.1
1169	8/6/2014 17:31:04	16.46			6.98	7.88	5.7	2.789	86.8	5.5	3.7	1.3
1170	8/6/2014 17:46:04	16.14			7.22	7.90	5.1	2.862	89.3	6.3	4.3	1.5
1171	8/6/2014 18:01:03	16.05			7.30	7.91	5.4	2.933	90.1	6.4	4.4	1.5
1172	8/6/2014 18:16:03	15.89			7.37	7.92	5.1	2.998	90.7	6.7	4.6	1.6
1173	8/6/2014 18:31:04	15.33			7.93	7.97	5.3	3.089	96.5	8.3	5.6	2.0
1174	8/6/2014 18:46:04	14.99			8.31	8.00	5.7	3.160	100.3	8.9	6.1	2.1
1175	8/6/2014 19:01:04	14.69			9.08	8.06	5.7	3.234	107.8	12.3	8.4	2.9
1176	8/6/2014 19:16:04	14.41			9.52	8.09	5.5	3.301	112.9	12.9	8.8	3.0
1177	8/6/2014 19:31:04	14.18			9.88	8.12	4.8	3.373	116.4	15.3	10.4	3.6
1178	8/6/2014 19:46:04	13.92			10.21	8.14	4.7	3.431	119.4	19.1	13.0	4.5
1179	8/6/2014 20:01:04	13.72			10.21	8.15	3.0	3.460	120.1	14.7	10.0	3.5
1180	8/6/2014 20:16:04	13.60			10.31	8.16	2.9	3.512	121.5	16.8	11.4	4.0
1181	8/6/2014 20:31:03	13.55			10.38	8.17	2.9	3.536	121.7	20.7	14.1	4.9
1182	8/6/2014 20:46:03	14.09			9.75	8.12	5.4	3.543	115.6	20.2	13.7	4.8
1183	8/6/2014 21:01:04	13.88			9.97	8.14	3.9	3.544	117.8	18.3	12.4	4.3
1184	8/6/2014 21:16:04	13.64			10.20	8.16	3.4	3.515	119.5	15.7	10.7	3.7
1185	8/6/2014 21:31:04	13.91			9.85	8.14	3.9	3.482	116.7	16.2	11.0	3.8
1186	8/6/2014 21:46:04	14.25			9.30	8.09	6.0	3.430	110.1	12.6	8.6	3.0
1187	8/6/2014 22:01:04	14.35			9.08	8.08	8.4	3.346	108.0	12.3	8.4	2.9
1188	8/6/2014 22:16:04	14.46			8.77	8.06	7.9	3.269	104.6	12.9	8.8	3.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
1189	8/6/2014 22:31:04	14.90			8.50	8.03	6.5	3.171	103.1	10.3	7.0	2.4
1190	8/6/2014 22:46:03	15.92			8.12	8.00	7.2	3.078	100.3	9.5	6.5	2.3
1191	8/6/2014 23:01:04	16.11			7.99	7.97	6.8	2.974	97.8	9.0	6.1	2.1
1192	8/6/2014 23:16:04	16.11			8.09	7.97	5.9	2.880	97.6	9.2	6.3	2.2
1193	8/6/2014 23:31:04	16.45			7.63	7.94	6.7	2.768	94.4	6.9	4.7	1.6
1194	8/6/2014 23:46:03	17.08			7.00	7.89	7.5	2.658	87.7	5.7	3.9	1.3
1195	8/7/2014 0:01:03	17.34			6.86	7.88	7.8	2.562	86.5	5.9	4.0	1.4
1196	8/7/2014 0:16:04	17.40			6.97	7.88	7.3	2.436	86.8	6.6	4.5	1.6
1197	8/7/2014 0:31:03	16.75			6.92	7.87	9.8	2.318	85.5	6.3	4.3	1.5
1198	8/7/2014 0:46:04	17.06			6.94	7.88	7.8	2.199	87.1	6.2	4.2	1.5
1199	8/7/2014 1:01:04	16.99			7.07	7.89	9.0	2.085	87.4	6.7	4.6	1.6
1200	8/7/2014 1:16:04	16.87			7.08	7.89	9.5	1.953	87.7	6.2	4.2	1.5
1201	8/7/2014 1:31:04	17.44			6.94	7.89	9.2	1.830	87.0	6.0	4.1	1.4
1202	8/7/2014 1:46:04	17.54			6.82	7.88	8.5	1.709	85.5	6.0	4.1	1.4
1203	8/7/2014 2:01:03	17.60			6.71	7.87	7.7	1.585	84.6	4.8	3.3	1.1
1204	8/7/2014 2:16:03	17.98			6.64	7.86	7.2	1.485	84.1	5.0	3.4	1.2
1205	8/7/2014 2:31:03	18.16			6.60	7.86	6.6	1.369	84.2	4.3	2.9	1.0
1206	8/7/2014 2:46:03	18.42			6.60	7.87	6.0	1.301	84.7	5.0	3.4	1.2
1207	8/7/2014 3:01:04	18.54			6.59	7.86	5.9	1.241	84.6	4.4	3.0	1.0
1208	8/7/2014 3:16:03	18.51			6.52	7.86	5.2	1.183	83.4	4.4	3.0	1.1
1209	8/7/2014 3:31:03	18.62			6.43	7.86	5.0	1.160	82.6	4.7	3.2	1.1
1210	8/7/2014 3:46:03	18.38			6.12	7.84	4.5	1.167	78.1	4.9	3.3	1.2
1211	8/7/2014 4:01:03	18.74			6.60	7.87	3.5	1.200	85.1	4.2	2.9	1.0
1212	8/7/2014 4:16:03	18.79			6.86	7.89	3.7	1.238	88.4	4.0	2.7	0.9
1213	8/7/2014 4:31:03	19.09			7.15	7.94	3.6	1.293	93.1	3.8	2.6	0.9
1214	8/7/2014 4:46:03	19.08			7.23	7.94	3.7	1.349	94.1	4.2	2.9	1.0
1215	8/7/2014 5:01:03	18.97			7.22	7.94	3.7	1.436	93.3	3.6	2.4	0.8
1216	8/7/2014 5:16:04	18.91			7.18	7.93	3.9	1.503	92.4	3.9	2.7	0.9
1217	8/7/2014 5:31:04	18.87			7.10	7.92	4.4	1.563	91.2	4.3	2.9	1.0
1218	8/7/2014 5:46:03	18.82			7.14	7.93	4.8	1.655	91.4	4.2	2.9	1.0
1219	8/7/2014 6:01:03	18.65			7.06	7.91	5.6	1.729	90.2	4.7	3.2	1.1
1220	8/7/2014 6:16:03	18.55			7.03	7.91	5.3	1.795	89.5	4.9	3.3	1.2
1221	8/7/2014 6:31:03	18.47			7.03	7.91	5.1	1.882	89.4	5.1	3.5	1.2
1222	8/7/2014 6:46:03	18.47			7.02	7.90	5.4	1.959	89.0	5.2	3.5	1.2
1223	8/7/2014 7:01:03	18.45			7.00	7.90	5.4	2.043	88.8	5.0	3.4	1.2
1224	8/7/2014 7:16:03	18.22			6.83	7.88	5.6	2.133	86.3	4.9	3.3	1.2
1225	8/7/2014 7:31:03	18.06			6.66	7.86	6.2	2.205	84.0	4.3	2.9	1.0
1226	8/7/2014 7:46:03	17.85			6.58	7.85	6.2	2.281	82.5	4.6	3.1	1.1
1227	8/7/2014 8:01:03	17.57			6.56	7.84	6.5	2.367	81.8	4.1	2.8	1.0
1228	8/7/2014 8:16:03	17.28			6.65	7.85	6.9	2.441	82.4	4.6	3.1	1.1
1229	8/7/2014 8:31:03	17.13			6.71	7.85	6.1	2.508	82.9	4.3	2.9	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
1230	8/7/2014 8:46:04	17.01			6.74	7.86	6.6	2.580	83.1	3.9	2.7	0.9
1231	8/7/2014 9:01:04	16.94			6.74	7.86	6.8	2.643	82.9	4.6	3.1	1.1
1232	8/7/2014 9:16:03	16.66			6.87	7.87	7.3	2.710	84.0	5.2	3.5	1.2
1233	8/7/2014 9:31:03	16.30			7.17	7.90	6.5	2.759	87.0	5.1	3.5	1.2
1234	8/7/2014 9:46:04	16.15			7.25	7.91	4.9	2.807	87.8	4.6	3.1	1.1
1235	8/7/2014 10:01:04	15.95			7.34	7.92	5.0	2.861	88.6	4.6	3.1	1.1
1236	8/7/2014 10:16:03	15.53			7.54	7.94	3.3	2.888	90.2	5.3	3.6	1.3
1237	8/7/2014 10:31:03	15.84			7.28	7.92	4.3	2.908	87.9	7.8	5.3	1.9
1238	8/7/2014 10:46:03	16.10			7.07	7.90	4.7	2.915	85.8	5.4	3.7	1.3
1239	8/7/2014 11:01:03	15.41			7.47	7.93	3.8	2.916	89.3	5.3	3.6	1.2
1240	8/7/2014 11:16:04	15.38			7.64	7.95	6.7	2.886	91.2	6.3	4.3	1.5
1241	8/7/2014 11:31:04	15.91			7.25	7.92	4.2	2.833	87.8	4.1	2.8	1.0
1242	8/7/2014 11:46:04	16.39			7.14	7.90	4.7	2.792	87.1	4.4	3.0	1.0
1243	8/7/2014 12:01:04	16.81			7.11	7.90	6.1	2.736	87.5	4.9	3.3	1.2
1244	8/7/2014 12:16:04	16.92			7.10	7.89	4.5	2.661	87.7	4.4	3.0	1.0
1245	8/7/2014 12:31:04	17.05			7.07	7.89	6.3	2.591	87.5	4.6	3.1	1.1
1246	8/7/2014 12:46:04	17.28			6.98	7.89	5.7	2.528	86.9	4.9	3.3	1.2
1247	8/7/2014 13:01:03	17.43			6.91	7.88	4.8	2.469	86.2	3.8	2.6	0.9
1248	8/7/2014 13:16:03	17.66			6.80	7.87	4.5	2.402	85.1	4.2	2.9	1.0
1249	8/7/2014 13:31:03	17.90			6.83	7.86	4.4	2.338	85.9	4.2	2.9	1.0
1250	8/7/2014 13:46:03	18.20			6.67	7.85	4.4	2.303	84.2	3.9	2.7	0.9
1251	8/7/2014 14:01:03	18.32			6.58	7.85	3.9	2.249	83.5	3.2	2.2	0.8
1252	8/7/2014 14:16:03	18.45			6.71	7.85	4.7	2.194	85.2	4.1	2.8	1.0
1253	8/7/2014 14:31:03	18.53			6.88	7.87	4.7	2.164	87.5	4.5	3.1	1.1
1254	8/7/2014 14:46:03	18.65			7.03	7.88	5.3	2.135	89.2	4.6	3.1	1.1
1255	8/7/2014 15:01:03	18.69			7.05	7.89	13.8	2.104	90.1	4.4	3.0	1.0
1256	8/7/2014 15:16:03	18.73			6.70	7.86	3.6	2.093	85.6	3.6	2.4	0.9
1257	8/7/2014 15:31:03	18.70			7.04	7.89	5.1	2.092	91.0	4.1	2.8	1.0
1258	8/7/2014 15:46:03	18.74			7.19	7.90	4.6	2.113	93.1	5.3	3.6	1.3
1259	8/7/2014 16:01:03	18.60			7.27	7.88	4.8	2.130	92.6	5.1	3.5	1.2
1260	8/7/2014 16:16:03	18.65			7.31	7.90	4.7	2.166	94.0	5.4	3.7	1.3
1261	8/7/2014 16:31:03	18.73			7.40	7.90	5.3	2.224	95.1	5.7	3.9	1.3
1262	8/7/2014 16:46:04	18.44			7.29	7.89	5.1	2.282	92.4	6.1	4.1	1.5
1263	8/7/2014 17:01:04	18.35			7.35	7.89	5.7	2.345	92.5	6.2	4.2	1.5
1264	8/7/2014 17:16:03	18.11			7.65	7.91	6.0	2.417	95.2	6.0	4.1	1.4
1265	8/7/2014 17:31:03	17.89			7.67	7.92	5.7	2.489	95.6	6.5	4.4	1.5
1266	8/7/2014 17:46:03	17.82			7.59	7.91	5.6	2.554	94.7	6.7	4.6	1.6
1267	8/7/2014 18:01:03	17.57			7.51	7.91	6.1	2.629	93.3	6.6	4.5	1.6
1268	8/7/2014 18:16:04	16.96			7.69	7.93	6.4	2.715	94.9	6.0	4.1	1.4
1269	8/7/2014 18:31:04	16.44			7.84	7.95	6.5	2.784	95.8	6.8	4.6	1.6
1270	8/7/2014 18:46:04	16.14			7.98	7.96	6.2	2.867	97.1	7.4	5.0	1.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
1271	8/7/2014 19:01:04	15.89			8.25	7.98	6.6	2.952	99.1	8.5	5.8	2.0
1272	8/7/2014 19:16:04	15.34			8.57	8.00	7.1	3.039	101.5	9.6	6.5	2.3
1273	8/7/2014 19:31:04	14.92			8.79	8.03	8.1	3.126	103.7	10.8	7.3	2.6
1274	8/7/2014 19:46:04	14.56			9.20	8.06	7.8	3.209	108.1	13.2	9.0	3.1
1275	8/7/2014 20:01:04	14.25			9.53	8.08	7.7	3.298	111.3	15.6	10.6	3.7
1276	8/7/2014 20:16:03	13.89			9.66	8.09	5.9	3.375	112.6	15.7	10.7	3.7
1277	8/7/2014 20:31:04	13.58			9.71	8.10	5.4	3.450	111.8	14.9	10.1	3.5
1278	8/7/2014 20:46:04	13.36			9.59	8.10	4.2	3.513	111.2	14.2	9.7	3.4
1279	8/7/2014 21:01:04	13.16			9.61	8.11	4.2	3.571	112.4	15.9	10.8	3.8
1280	8/7/2014 21:16:04	13.05			9.87	8.12	2.6	3.615	114.4	21.1	14.3	5.0
1281	8/7/2014 21:31:04	13.01			9.73	8.12	2.5	3.639	112.7	19.2	13.1	4.6
1282	8/7/2014 21:46:04	13.00			9.47	8.10	5.0	3.666	109.6	17.8	12.1	4.2
1283	8/7/2014 22:01:04	13.38	51.107	33.520	9.33	8.10	4.5	3.652	109.9	18.5	12.6	4.4
1284	8/7/2014 22:16:04	13.05	51.015	33.440	9.89	8.13	5.5	3.611	115.7	20.6	14.0	4.9
1285	8/7/2014 22:31:04	13.38	50.980	33.430	9.42	8.10	3.6	3.572	111.0	12.7	8.6	3.0
1286	8/7/2014 22:46:04	13.61	50.965	33.430	8.96	8.07	6.5	3.500	106.1	16.4	11.2	3.9
1287	8/7/2014 23:01:04	14.13	51.069	33.520	8.65	8.05	7.1	3.413	103.6	14.6	9.9	3.5
1288	8/7/2014 23:16:04	13.82	50.984	33.450	8.78	8.06	6.5	3.317	104.4	15.5	10.5	3.7
1289	8/7/2014 23:31:04	15.19	51.080	33.560	8.38	8.03	7.0	3.210	102.4	11.6	7.9	2.7
1290	8/7/2014 23:46:03	15.49	51.092	33.570	8.37	8.02	6.8	3.110	102.9	9.6	6.5	2.3
1291	8/8/2014 0:01:04	15.36	51.113	33.590	8.50	8.03	6.2	2.988	104.3	9.8	6.7	2.3
1292	8/8/2014 0:16:04	15.50	51.042	33.540	8.36	8.02	6.2	2.875	102.9	9.8	6.7	2.3
1293	8/8/2014 0:31:04	16.05	51.120	33.610	8.01	7.99	7.1	2.758	99.7	7.8	5.3	1.9
1294	8/8/2014 0:46:04	16.57	51.114	33.610	7.53	7.95	7.8	2.645	94.6	6.2	4.2	1.5
1295	8/8/2014 1:01:03	16.90	51.245	33.710	7.26	7.93	7.2	2.518	91.9	6.0	4.1	1.4
1296	8/8/2014 1:16:03	16.97	51.193	33.670	7.13	7.92	7.4	2.380	90.3	5.8	3.9	1.4
1297	8/8/2014 1:31:04	16.55	51.207	33.680	7.48	7.94	10.3	2.256	94.0	6.3	4.3	1.5
1298	8/8/2014 1:46:04	16.86	51.326	33.770	7.42	7.94	9.7	2.117	93.8	6.7	4.6	1.6
1299	8/8/2014 2:01:04	16.64	51.248	33.710	7.46	7.95	10.1	1.970	93.9	6.4	4.4	1.5
1300	8/8/2014 2:16:04	17.12	51.303	33.760	7.35	7.94	9.8	1.846	93.5	6.1	4.1	1.5
1301	8/8/2014 2:31:04	17.52	51.379	33.820	7.32	7.94	9.0	1.704	93.9	4.7	3.2	1.1
1302	8/8/2014 2:46:03	17.62			7.41	7.93	9.0	1.577	93.2	4.9	3.3	1.2
1303	8/8/2014 3:01:03	18.04			7.33	7.92	8.7	1.439	92.9	4.7	3.2	1.1
1304	8/8/2014 3:16:03	18.37			7.17	7.91	7.9	1.309	91.8	4.6	3.1	1.1
1305	8/8/2014 3:31:03	18.52			7.08	7.91	6.9	1.195	90.9	4.5	3.1	1.1
1306	8/8/2014 3:46:03	18.65			7.01	7.91	6.6	1.094	91.1	4.4	3.0	1.0
1307	8/8/2014 4:01:03	18.79			7.00	7.91	6.8	1.023	90.9	4.6	3.1	1.1
1308	8/8/2014 4:16:03	18.88			6.99	7.91	6.2	0.953	91.1	4.4	3.0	1.1
1309	8/8/2014 4:31:04	18.77			6.81	7.90	6.5	0.954	87.5	4.7	3.2	1.1
1310	8/8/2014 4:46:03	18.96			7.01	7.92	5.3	0.971	90.4	4.2	2.9	1.0
1311	8/8/2014 5:01:03	19.31			7.48	7.96	4.2	1.018	96.5	3.8	2.6	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.68)	Fluorescence %FS
1312	8/8/2014 5:16:03	19.40			7.66	7.98	4.0	1.083	99.4	3.6	2.4	0.9
1313	8/8/2014 5:31:03	19.54			8.08	8.01	4.2	1.163	104.7	4.2	2.9	1.0
1314	8/8/2014 5:46:03	19.43			7.97	8.00	4.2	1.244	103.8	4.4	3.0	1.1
1315	8/8/2014 6:01:03	19.44			7.67	7.98	5.4	1.314	99.9	5.4	3.7	1.3
1316	8/8/2014 6:16:03	19.61			7.32	7.95	6.4	1.391	95.5	6.5	4.4	1.5
1317	8/8/2014 6:31:03	19.65			7.20	7.94	7.3	1.478	94.0	6.7	4.6	1.6
1318	8/8/2014 6:46:03	19.35			7.51	7.96	6.0	1.567	97.5	4.8	3.3	1.1
1319	8/8/2014 7:01:03	19.18			7.45	7.96	5.9	1.642	96.4	4.6	3.1	1.1
1320	8/8/2014 7:16:03	19.09			7.43	7.95	5.7	1.735	96.2	4.2	2.9	1.0
1321	8/8/2014 7:31:03	18.92			7.49	7.96	5.9	1.840	96.4	4.2	2.9	1.0
1322	8/8/2014 7:46:03	18.46			7.21	7.92	5.9	1.937	92.1	4.3	2.9	1.0
1323	8/8/2014 8:01:03	18.23			7.02	7.90	6.4	2.031	89.3	4.2	2.9	1.0
1324	8/8/2014 8:16:04	18.15			6.96	7.89	6.5	2.136	88.3	4.2	2.9	1.0
1325	8/8/2014 8:31:04	18.01			6.91	7.88	7.3	2.240	87.4	4.4	3.0	1.0
1326	8/8/2014 8:46:03	17.73			6.95	7.89	7.7	2.330	87.5	4.8	3.3	1.1
1327	8/8/2014 9:01:03	17.51			7.07	7.90	8.4	2.412	88.5	5.0	3.4	1.2
1328	8/8/2014 9:16:03	17.32			7.14	7.90	8.3	2.509	88.9	4.4	3.0	1.1
1329	8/8/2014 9:31:03	17.13			7.18	7.91	9.0	2.591	89.1	4.8	3.3	1.1
1330	8/8/2014 9:46:04	16.73			7.34	7.92	8.6	2.671	90.3	5.3	3.6	1.3
1331	8/8/2014 10:01:03	16.32			7.53	7.93	9.4	2.742	91.8	5.1	3.5	1.2
1332	8/8/2014 10:16:03	15.93			7.75	7.95	8.3	2.816	93.6	6.3	4.3	1.5
1333	8/8/2014 10:31:03	15.37			8.04	7.98	7.2	2.881	96.4	7.8	5.3	1.8
1334	8/8/2014 10:46:03	15.06			8.08	7.99	6.5	2.932	97.2	8.4	5.7	2.0
1335	8/8/2014 11:01:04	14.82			8.14	8.00	4.3	2.982	97.5	8.1	5.5	1.9
1336	8/8/2014 11:16:04	14.71			8.14	8.01	3.6	3.021	97.2	6.9	4.7	1.6
Mean		17.78	51.58	33.96	7.01	7.91	6.02	2.42	89.94	4.71	3.21	1.12
Minimum		13.00	50.91	33.42	5.06	7.70	1.90	0.95	66.50	2.10	1.43	0.50
Maximum		20.58	52.04	34.31	10.38	8.17	13.80	3.67	121.70	21.10	14.35	5.00

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

Chlorophyll/Fluorescence displayed as *in vivo* (non-extractive) readings from YSI 6025 chlorophyll probe

Chlorophyll corrected with ratio derived from extractive analysis; Sample collected at 13:15; value = 3.52

Flagged data due to suspect values (i.e., equipment malfunction, interference, etc.)

Data listed as outlier and discarded due to field issues (i.e., equipment malfunction, interference, etc.)

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
0	8/8/2014 11:46:10	15.20	51.91	34.17	7.93	7.95	4.7	2.938	97.4	8.0	5.2	1.9
1	8/8/2014 12:01:11	14.93	51.77	34.06	8.01	7.97	4.3	2.923	97.7	8.9	5.8	2.1
2	8/8/2014 12:16:10	14.84	51.75	34.04	8.06	7.98	4.2	2.889	98.2	8.2	5.3	1.9
3	8/8/2014 12:31:11	15.35	51.55	33.90	7.91	7.97	4.3	2.834	97.3	7.3	4.7	1.7
4	8/8/2014 12:46:11	16.07	51.64	33.99	7.96	7.97	6.7	2.767	99.4	6.9	4.5	1.6
5	8/8/2014 13:01:11	16.55	51.57	33.94	8.01	7.98	7.0	2.684	100.8	6.8	4.4	1.6
6	8/8/2014 13:16:11	16.69	51.47	33.87	8.03	7.98	6.2	2.614	101.3	6.9	4.5	1.6
7	8/8/2014 13:31:11	16.99	51.65	34.01	7.97	7.98	7.2	2.534	101.2	6.3	4.1	1.5
8	8/8/2014 13:46:11	17.41	51.76	34.09	7.83	7.97	6.8	2.453	100.3	5.6	3.6	1.3
9	8/8/2014 14:01:11	17.71	51.83	34.15	7.65	7.95	6.5	2.375	98.6	5.4	3.5	1.3
10	8/8/2014 14:16:11	18.01	51.78	34.12	7.49	7.94	6.7	2.314	97.0	5.4	3.5	1.3
11	8/8/2014 14:31:11	18.40	51.79	34.13	7.48	7.94	6.7	2.241	97.7	4.9	3.2	1.2
12	8/8/2014 14:46:11	18.69	51.88	34.19	7.53	7.94	7.5	2.161	98.9	4.9	3.2	1.2
13	8/8/2014 15:01:11	18.79	51.91	34.22	7.59	7.95	5.0	2.105	99.9	4.6	3.0	1.1
14	8/8/2014 15:16:11	18.93	51.94	34.24	7.67	7.96	5.6	2.050	101.2	4.4	2.9	1.0
15	8/8/2014 15:31:11	18.95	51.93	34.23	7.85	7.97	5.7	2.004	103.5	4.2	2.7	1.0
16	8/8/2014 15:46:11	18.91	51.81	34.14	7.80	7.97	4.8	1.944	102.9	4.5	2.9	1.1
17	8/8/2014 16:01:10	19.01	51.69	34.05	7.93	7.98	4.3	1.908	104.7	3.7	2.4	0.9
18	8/8/2014 16:16:10	19.17	51.91	34.21	7.90	7.98	4.4	1.914	104.7	4.2	2.7	1.0
19	8/8/2014 16:31:11	19.00	51.83	34.15	8.04	7.99	5.1	1.891	106.1	4.3	2.8	1.0
20	8/8/2014 16:46:11	19.01	51.91	34.22	8.15	7.99	4.8	1.899	107.6	5.1	3.3	1.2
21	8/8/2014 17:01:11	19.07	51.83	34.16	8.10	7.99	5.6	1.939	107.1	5.6	3.6	1.3
22	8/8/2014 17:16:11	19.20	51.85	34.17	8.10	7.99	5.4	1.992	107.4	6.1	4.0	1.4
23	8/8/2014 17:31:11	19.30	51.95	34.25	8.15	7.99	5.1	2.040	108.3	6.1	4.0	1.4
24	8/8/2014 17:46:10	19.12	51.70	34.06	8.01	7.98	5.4	2.097	105.9	6.0	3.9	1.4
25	8/8/2014 18:01:11	19.23	51.93	34.23	8.05	7.98	7.0	2.189	106.9	6.1	4.0	1.4
26	8/8/2014 18:16:11	18.79	51.82	34.15	8.07	7.98	7.4	2.266	106.1	5.8	3.8	1.4
27	8/8/2014 18:31:11	18.49	51.73	34.08	8.06	7.98	6.8	2.350	105.4	7.0	4.6	1.6
28	8/8/2014 18:46:11	18.32	51.70	34.06	7.91	7.96	6.8	2.425	103.0	6.4	4.2	1.5
29	8/8/2014 19:01:11	17.57	51.55	33.94	7.93	7.96	7.6	2.502	101.8	6.1	4.0	1.4
30	8/8/2014 19:16:11	17.03	51.66	34.01	7.89	7.96	8.0	2.598	100.2	6.3	4.1	1.5
31	8/8/2014 19:31:11	16.81	51.39	33.81	7.91	7.96	8.1	2.674	100.0	6.2	4.0	1.5
32	8/8/2014 19:46:11	16.58	51.46	33.86	7.96	7.97	7.8	2.767	100.2	6.6	4.3	1.5
33	8/8/2014 20:01:11	15.94	51.39	33.80	8.11	7.98	8.3	2.853	100.9	6.7	4.4	1.6
34	8/8/2014 20:16:11	15.31	51.36	33.77	8.18	7.99	7.6	2.954	100.4	8.1	5.3	1.9
35	8/8/2014 20:31:11	14.91	51.45	33.82	8.30	8.00	8.7	3.053	101.1	10.1	6.6	2.4
36	8/8/2014 20:46:11	14.33	51.30	33.70	8.48	8.02	7.8	3.143	102.1	12.2	7.9	2.9
37	8/8/2014 21:01:11	13.87	51.33	33.70	8.62	8.03	9.1	3.246	102.8	14.0	9.1	3.3
38	8/8/2014 21:16:11	13.58	51.33	33.69	8.77	8.05	7.8	3.332	104.0	14.5	9.4	3.4
39	8/8/2014 21:31:11	13.39	51.30	33.66	9.09	8.08	5.6	3.414	107.3	15.6	10.1	3.7
40	8/8/2014 21:46:11	13.26	51.15	33.55	9.25	8.09	4.6	3.493	108.8	18.2	11.8	4.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
41	8/8/2014 22:01:11	13.20	51.22	33.60	9.27	8.10	4.0	3.556	108.9	18.3	11.9	4.3
42	8/8/2014 22:16:11	13.17	51.04	33.46	9.33	8.11	3.2	3.617	109.4	20.1	13.1	4.7
43	8/8/2014 22:31:11	13.16	51.25	33.62	9.27	8.11	1.7	3.634	108.9	18.0	11.7	4.2
44	8/8/2014 22:46:11	13.90	51.29	33.68	8.85	8.06	3.7	3.648	105.5	14.6	9.5	3.4
45	8/8/2014 23:01:11	13.29	51.38	33.72	9.36	8.09	3.0	3.649	110.2	14.2	9.2	3.3
46	8/8/2014 23:16:11	13.68	51.24	33.63	8.83	8.06	4.4	3.604	104.8	14.5	9.4	3.4
47	8/8/2014 23:31:11	13.43	51.25	33.63	8.79	8.05	5.8	3.542	103.8	14.5	9.4	3.4
48	8/8/2014 23:46:11	13.50	51.24	33.62	8.88	8.06	7.0	3.460	105.0	15.7	10.2	3.7
49	8/9/2014 0:01:11	13.94	51.33	33.70	8.62	8.05	5.9	3.354	102.9	15.2	9.9	3.6
50	8/9/2014 0:16:11	14.14	51.33	33.71	8.72	8.05	5.4	3.251	104.5	13.6	8.8	3.2
51	8/9/2014 0:31:11	15.19	51.38	33.77	8.29	8.02	6.8	3.127	101.5	10.8	7.0	2.5
52	8/9/2014 0:46:11	15.16	51.44	33.82	8.34	8.03	8.7	3.003	102.1	10.2	6.6	2.4
53	8/9/2014 1:01:11	15.15	51.39	33.79	8.24	8.02	7.3	2.872	100.9	9.8	6.4	2.3
54	8/9/2014 1:16:11	15.39	51.43	33.82	8.10	8.00	6.6	2.757	99.6	8.6	5.6	2.0
55	8/9/2014 1:31:11	16.01	51.50	33.89	7.95	7.98	8.1	2.625	99.0	6.8	4.4	1.6
56	8/9/2014 1:46:11	16.47	51.57	33.94	7.70	7.96	8.0	2.485	96.7	5.6	3.6	1.3
57	8/9/2014 2:01:11	16.70	51.67	34.02	7.59	7.95	8.4	2.355	95.9	5.7	3.7	1.3
58	8/9/2014 2:16:11	16.45	51.55	33.93	7.68	7.96	9.6	2.216	96.4	6.1	4.0	1.4
59	8/9/2014 2:31:11	16.21	51.64	33.99	7.84	7.97	10.3	2.062	98.0	7.6	4.9	1.8
60	8/9/2014 2:46:11	16.58	51.67	34.02	7.73	7.97	11.8	1.921	97.4	7.0	4.6	1.7
61	8/9/2014 3:01:11	16.77	51.55	33.93	7.65	7.97	10.5	1.762	96.7	6.2	4.0	1.5
62	8/9/2014 3:16:11	17.41	51.82	34.14	7.59	7.97	11.4	1.611	97.3	5.3	3.4	1.3
63	8/9/2014 3:31:11	17.67	51.75	34.09	7.50	7.97	10.4	1.454	96.5	4.5	2.9	1.1
64	8/9/2014 3:46:11	17.68	51.82	34.14	7.36	7.95	9.8	1.315	94.8	4.7	3.1	1.1
65	8/9/2014 4:01:11	18.22	51.79	34.12	7.29	7.95	9.0	1.159	94.9	4.5	2.9	1.1
66	8/9/2014 4:16:11	18.64	52.03	34.30	7.28	7.95	8.8	1.015	95.5	4.5	2.9	1.1
67	8/9/2014 4:31:11	18.82	52.07	34.33	7.21	7.95	8.1	0.906	95.0	4.3	2.8	1.0
68	8/9/2014 4:46:11	18.89	52.08	34.34	7.16	7.94	8.1	0.798	94.4	4.4	2.9	1.0
69	8/9/2014 5:01:11	18.96	52.22	34.44	7.07	7.94	5.8	0.724	93.5	4.6	3.0	1.1
70	8/9/2014 5:16:11	18.89	52.23	34.45	6.85	7.92	5.4	0.687	90.5	4.1	2.7	1.0
71	8/9/2014 5:31:11	19.19	52.20	34.43	7.15	7.96	5.6	0.720	94.9	4.3	2.8	1.0
72	8/9/2014 5:46:11	19.23	52.17	34.41	7.23	7.96	5.7	0.794	96.0	3.2	2.1	0.8
73	8/9/2014 6:01:11	19.32	52.27	34.48	7.34	7.98	7.0	0.858	97.6	3.9	2.5	0.9
74	8/9/2014 6:16:10	19.69	52.25	34.47	7.76	8.03	5.6	0.959	103.9	3.4	2.2	0.8
75	8/9/2014 6:31:11	19.63	52.33	34.53	7.81	8.04	5.2	1.053	104.6	3.6	2.3	0.9
76	8/9/2014 6:46:11	19.50	52.06	34.33	7.68	8.02	5.5	1.132	102.5	3.7	2.4	0.9
77	8/9/2014 7:01:11	19.51	52.07	34.33	7.50	8.00	5.7	1.208	100.1	4.3	2.8	1.0
78	8/9/2014 7:16:11	19.62	52.27	34.48	7.27	7.98	6.7	1.292	97.3	3.9	2.5	0.9
79	8/9/2014 7:31:11	19.44	52.26	34.47	7.42	7.99	7.2	1.404	98.9	4.4	2.9	1.0
80	8/9/2014 7:46:11	19.19	52.08	34.34	7.38	7.98	6.7	1.491	97.9	3.9	2.5	0.9
81	8/9/2014 8:01:11	19.06	52.10	34.36	7.34	7.98	6.6	1.584	97.2	3.8	2.5	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
82	8/9/2014 8:16:10	18.99	51.98	34.27	7.40	7.98	6.7	1.693	97.7	3.6	2.3	0.8
83	8/9/2014 8:31:11	18.64	51.87	34.18	7.35	7.97	6.8	1.806	96.5	3.5	2.3	0.8
84	8/9/2014 8:46:11	18.42	52.07	34.33	7.23	7.95	7.0	1.905	94.6	3.9	2.5	0.9
85	8/9/2014 9:01:11	18.24	51.94	34.23	7.09	7.92	7.8	2.018	92.3	3.7	2.4	0.9
86	8/9/2014 9:16:11	17.99	51.94	34.24	7.03	7.91	8.6	2.126	91.1	4.2	2.7	1.0
87	8/9/2014 9:31:11	17.72	51.80	34.13	7.08	7.92	9.9	2.234	91.3	4.2	2.7	1.0
88	8/9/2014 9:46:11	17.49	51.98	34.26	7.10	7.92	9.7	2.325	91.2	4.6	3.0	1.1
89	8/9/2014 10:01:11	17.36	51.90	34.20	7.11	7.92	9.7	2.422	91.1	4.2	2.7	1.0
90	8/9/2014 10:16:11	16.98	51.71	34.05	7.18	7.92	9.8	2.518	91.2	4.4	2.9	1.0
91	8/9/2014 10:31:11	16.49	51.66	34.01	7.50	7.93	10.3	2.603	94.3	5.4	3.5	1.3
92	8/9/2014 10:46:11	15.80	51.60	33.95	7.79	7.96	9.7	2.690	96.7	6.1	4.0	1.4
93	8/9/2014 11:01:11	15.30	51.75	34.05	8.01	7.97	7.5	2.767	98.4	6.8	4.4	1.6
94	8/9/2014 11:16:11	14.98	51.65	33.97	8.13	7.98	8.8	2.847	99.2	7.8	5.1	1.8
95	8/9/2014 11:31:11	14.71	51.42	33.80	8.24	8.00	7.6	2.915	99.9	8.7	5.7	2.1
96	8/9/2014 11:46:11	14.53	51.28	33.69	8.26	8.01	5.4	2.970	99.8	9.1	5.9	2.1
97	8/9/2014 12:01:11	14.28	51.59	33.90	8.27	8.01	3.8	3.020	99.6	10.2	6.6	2.4
98	8/9/2014 12:16:11	14.17	51.55	33.88	8.13	8.01	3.7	3.051	97.6	7.5	4.9	1.8
99	8/9/2014 12:31:11	14.85	51.31	33.72	8.15	7.99	4.2	3.055	99.1	6.5	4.2	1.5
100	8/9/2014 12:46:11	14.31	51.43	33.79	8.18	8.00	4.3	3.040	98.4	7.7	5.0	1.8
101	8/9/2014 13:01:11	14.45	51.37	33.75	8.18	8.00	3.7	3.000	98.6	7.1	4.6	1.7
102	8/9/2014 13:16:11	14.88	51.37	33.76	8.13	8.00	4.0	2.950	98.9	6.7	4.4	1.6
103	8/9/2014 13:31:11	15.31	51.43	33.82	8.39	8.02	6.0	2.872	103.1	8.1	5.3	1.9
104	8/9/2014 13:46:11	15.36	51.52	33.89	8.40	8.02	6.9	2.773	103.3	8.6	5.6	2.0
105	8/9/2014 14:01:11	15.81	51.57	33.93	8.55	8.03	7.5	2.683	106.1	6.6	4.3	1.6
106	8/9/2014 14:16:11	16.10	51.56	33.93	8.57	8.03	6.8	2.592	106.9	6.6	4.3	1.5
107	8/9/2014 14:31:11	16.46	51.64	33.99	8.65	8.04	6.8	2.497	108.7	6.7	4.4	1.6
108	8/9/2014 14:46:11	17.11	51.75	34.08	8.41	8.01	7.7	2.406	107.1	5.4	3.5	1.3
109	8/9/2014 15:01:11	17.78	51.87	34.18	8.08	7.99	7.5	2.314	104.3	4.9	3.2	1.2
110	8/9/2014 15:16:11	18.29	51.92	34.22	8.00	7.99	7.9	2.224	104.3	4.1	2.7	1.0
111	8/9/2014 15:31:11	18.27	51.97	34.26	8.04	7.99	7.3	2.144	104.8	4.4	2.9	1.0
112	8/9/2014 15:46:11	18.61	52.01	34.29	8.19	8.00	7.0	2.046	107.5	4.3	2.8	1.0
113	8/9/2014 16:01:11	18.66	51.97	34.26	8.29	8.01	6.7	1.978	108.9	4.2	2.7	1.0
114	8/9/2014 16:16:11	18.72	51.82	34.14	8.56	8.03	6.8	1.903	112.5	4.3	2.8	1.0
115	8/9/2014 16:31:11	18.66	51.88	34.20	8.59	8.04	6.3	1.838	112.8	3.8	2.5	0.9
116	8/9/2014 16:46:11	18.89	52.10	34.35	8.41	8.03	4.9	1.802	111.0	3.6	2.3	0.8
117	8/9/2014 17:01:11	18.82	51.91	34.21	8.70	8.04	4.7	1.750	114.6	3.8	2.5	0.9
118	8/9/2014 17:16:10	18.89	51.88	34.19	8.36	8.03	4.0	1.734	110.2	3.4	2.2	0.8
119	8/9/2014 17:31:11	18.65	51.87	34.18	8.70	8.04	5.9	1.734	114.2	4.8	3.1	1.1
120	8/9/2014 17:46:11	19.45	52.19	34.42	8.81	8.07	4.7	1.760	117.5	5.0	3.3	1.2
121	8/9/2014 18:01:11	19.29	51.93	34.23	8.80	8.06	5.1	1.787	116.9	4.8	3.1	1.1
122	8/9/2014 18:16:11	19.56	52.11	34.36	8.67	8.05	5.2	1.845	115.9	4.9	3.2	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
123	8/9/2014 18:31:11	19.39	52.01	34.29	8.62	8.04	5.8	1.925	114.7	4.9	3.2	1.1
124	8/9/2014 18:46:11	19.52	52.12	34.37	8.48	8.02	8.6	2.002	113.2	5.1	3.3	1.2
125	8/9/2014 19:01:10	19.26	51.94	34.24	8.41	8.01	7.9	2.091	111.7	4.7	3.1	1.1
126	8/9/2014 19:16:11	18.80	51.82	34.15	8.34	8.00	7.3	2.182	109.8	4.9	3.2	1.2
127	8/9/2014 19:31:11	18.62	51.91	34.21	8.27	7.99	7.0	2.270	108.5	5.4	3.5	1.3
128	8/9/2014 19:46:11	17.93	51.93	34.22	8.13	7.97	8.3	2.363	105.2	6.3	4.1	1.5
129	8/9/2014 20:01:11	17.35	51.78	34.11	7.95	7.96	8.3	2.453	101.7	5.6	3.6	1.3
130	8/9/2014 20:16:11	16.99	51.79	34.12	7.93	7.96	8.3	2.542	100.7	5.9	3.8	1.4
131	8/9/2014 20:31:11	16.74	51.73	34.06	7.94	7.96	8.4	2.639	100.4	6.4	4.2	1.5
132	8/9/2014 20:46:11	16.24	51.78	34.10	8.03	7.97	10.1	2.736	100.5	6.4	4.2	1.5
133	8/9/2014 21:01:11	15.65	51.64	33.98	8.17	7.98	8.7	2.850	101.1	7.5	4.9	1.8
134	8/9/2014 21:16:11	15.31	51.65	33.98	8.31	7.99	10.1	2.942	102.1	8.3	5.4	2.0
135	8/9/2014 21:31:11	14.50	51.62	33.94	8.46	8.01	9.5	3.052	102.3	11.5	7.5	2.7
136	8/9/2014 21:46:11	14.07	51.59	33.90	8.56	8.02	9.4	3.167	102.6	11.7	7.6	2.7
137	8/9/2014 22:01:11	13.60	51.56	33.86	8.95	8.05	9.8	3.267	106.2	13.6	8.8	3.2
138	8/9/2014 22:16:11	13.37	51.37	33.71	9.26	8.08	7.7	3.371	109.3	13.5	8.8	3.2
139	8/9/2014 22:31:10	13.23	51.39	33.72	9.49	8.11	6.6	3.462	111.7	15.4	10.0	3.6
140	8/9/2014 22:46:11	13.21	51.25	33.62	9.55	8.11	6.5	3.544	112.3	15.8	10.3	3.7
141	8/9/2014 23:01:11	13.16	51.09	33.50	9.50	8.11	4.7	3.608	111.4	15.7	10.2	3.7
142	8/9/2014 23:16:11	13.11	51.38	33.71	9.32	8.10	2.6	3.664	109.4	13.7	8.9	3.2
143	8/9/2014 23:31:11	13.02	51.44	33.75	9.17	8.09	3.2	3.699	107.4	10.4	6.8	2.4
144	8/9/2014 23:46:11	13.76	51.20	33.61	8.90	8.07	4.3	3.701	105.8	17.8	11.6	4.2
145	8/10/2014 0:01:11	13.46	51.32	33.68	8.94	8.07	3.7	3.694	105.7	10.6	6.9	2.5
146	8/10/2014 0:16:11	13.65	51.53	33.84	8.56	8.04	5.6	3.645	101.6	10.4	6.8	2.4
147	8/10/2014 0:31:11	13.33	51.35	33.70	8.98	8.08	5.7	3.562	105.9	13.0	8.5	3.0
148	8/10/2014 0:46:11	13.25	51.37	33.71	8.99	8.08	6.5	3.474	105.8	13.4	8.7	3.2
149	8/10/2014 1:01:11	13.51	51.57	33.87	8.89	8.06	6.6	3.367	105.3	10.3	6.7	2.4
150	8/10/2014 1:16:11	13.69	51.41	33.75	8.99	8.07	6.2	3.244	106.8	11.1	7.2	2.6
151	8/10/2014 1:31:11	14.78	51.66	33.97	8.65	8.04	9.1	3.112	105.2	10.7	7.0	2.5
152	8/10/2014 1:46:11	14.40	51.58	33.91	8.86	8.05	9.0	2.980	106.9	9.9	6.4	2.3
153	8/10/2014 2:01:11	14.64	51.60	33.92	8.74	8.04	7.8	2.848	106.0	9.2	6.0	2.2
154	8/10/2014 2:16:11	15.23	51.65	33.97	8.41	8.01	7.9	2.706	103.2	7.7	5.0	1.8
155	8/10/2014 2:31:11	15.59	51.72	34.04	8.12	7.99	8.7	2.574	100.4	6.3	4.1	1.5
156	8/10/2014 2:46:11	16.07	51.62	33.97	7.99	7.97	9.9	2.427	99.7	5.1	3.3	1.2
157	8/10/2014 3:01:11	15.54	51.71	34.03	8.01	7.96	10.4	2.275	98.9	6.1	4.0	1.4
158	8/10/2014 3:16:11	16.27	51.79	34.10	8.04	7.97	12.2	2.120	100.8	5.9	3.8	1.4
159	8/10/2014 3:31:11	14.99	51.49	33.86	8.27	7.99	10.8	1.962	100.9	8.3	5.4	2.0
160	8/10/2014 3:46:12	15.86	51.80	34.10	7.99	7.98	10.4	1.815	99.3	5.9	3.8	1.4
161	8/10/2014 4:01:11	16.30	51.87	34.16	7.88	7.96	10.2	1.642	98.8	5.0	3.3	1.2
162	8/10/2014 4:16:11	17.07	51.84	34.15	7.69	7.96	11.4	1.496	98.0	4.9	3.2	1.2
163	8/10/2014 4:31:11	17.31	51.87	34.18	7.42	7.94	10.5	1.327	94.9	4.3	2.8	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
164	8/10/2014 4:46:11	17.85	52.04	34.30	7.36	7.94	10.4	1.158	95.3	4.3	2.8	1.0
165	8/10/2014 5:01:11	18.31	52.08	34.34	7.32	7.94	10.3	1.010	95.5	4.4	2.9	1.0
166	8/10/2014 5:16:11	18.31	52.10	34.35	7.22	7.94	8.9	0.877	94.2	3.9	2.5	0.9
167	8/10/2014 5:31:11	18.49	52.18	34.41	7.11	7.93	8.6	0.753	93.2	4.0	2.6	0.9
168	8/10/2014 5:46:11	18.68	52.26	34.47	7.07	7.93	7.2	0.650	92.9	3.8	2.5	0.9
169	8/10/2014 6:01:11	18.78	52.31	34.51	7.06	7.93	6.3	0.601	93.0	3.8	2.5	0.9
170	8/10/2014 6:16:11	18.83	52.32	34.51	7.13	7.94	6.3	0.641	94.1	3.7	2.4	0.9
171	8/10/2014 6:31:11	19.11	52.39	34.57	7.38	7.97	6.0	0.681	97.9	2.9	1.9	0.7
172	8/10/2014 6:46:10	18.94	52.23	34.45	7.26	7.95	6.4	0.792	95.9	3.3	2.1	0.8
173	8/10/2014 7:01:11	19.42	52.50	34.65	7.80	8.01	6.0	0.894	104.2	3.0	2.0	0.7
174	8/10/2014 7:16:10	19.34	52.39	34.57	7.77	8.01	5.8	0.962	103.5	2.7	1.8	0.6
175	8/10/2014 7:31:11	19.18	52.44	34.60	7.63	7.99	5.7	1.081	101.3	2.8	1.8	0.6
176	8/10/2014 7:46:11	19.14	52.36	34.55	7.55	7.99	5.9	1.161	100.2	2.9	1.9	0.7
177	8/10/2014 8:01:11	19.23	52.47	34.63	7.51	7.99	6.2	1.246	99.9	3.2	2.1	0.8
178	8/10/2014 8:16:11	19.07	52.34	34.54	7.48	7.98	6.5	1.355	99.2	3.0	2.0	0.7
179	8/10/2014 8:31:11	18.96	52.37	34.56	7.48	7.98	6.9	1.468	98.9	3.1	2.0	0.7
180	8/10/2014 8:46:11	18.83	52.11	34.36	7.44	7.97	6.7	1.562	98.1	3.3	2.1	0.8
181	8/10/2014 9:01:11	18.69	52.27	34.48	7.38	7.97	6.2	1.664	97.1	3.6	2.3	0.9
182	8/10/2014 9:16:11	18.25	52.18	34.41	7.33	7.95	6.7	1.806	95.6	3.6	2.3	0.8
183	8/10/2014 9:31:11	18.05	52.12	34.37	7.26	7.93	7.6	1.925	94.4	3.7	2.4	0.9
184	8/10/2014 9:46:11	17.91	52.10	34.35	7.19	7.91	8.4	2.037	93.1	3.8	2.5	0.9
185	8/10/2014 10:01:11	17.57	51.79	34.12	7.18	7.91	9.6	2.156	92.3	3.6	2.3	0.8
186	8/10/2014 10:16:11	17.32	51.98	34.26	7.22	7.92	10.0	2.273	92.4	3.9	2.5	0.9
187	8/10/2014 10:31:11	17.11	51.95	34.23	7.24	7.92	11.2	2.383	92.3	4.2	2.7	1.0
188	8/10/2014 10:46:11	16.78	51.91	34.20	7.31	7.92	13.3	2.484	92.6	3.8	2.5	0.9
189	8/10/2014 11:01:11	16.20	51.83	34.13	7.49	7.93	11.5	2.588	93.8	5.5	3.6	1.3
190	8/10/2014 11:16:11	15.38	51.74	34.04	7.74	7.96	10.9	2.686	95.2	5.5	3.6	1.3
191	8/10/2014 11:31:11	14.83	51.70	34.00	7.90	7.98	11.4	2.787	96.2	7.4	4.8	1.8
192	8/10/2014 11:46:11	14.51	51.73	34.01	8.01	7.99	10.8	2.874	97.0	8.0	5.2	1.9
193	8/10/2014 12:01:11	14.30	51.71	33.99	8.03	7.99	9.4	2.957	96.7	7.2	4.7	1.7
194	8/10/2014 12:16:11	13.80	51.60	33.90	7.95	7.99	7.6	3.040	94.8	8.3	5.4	1.9
195	8/10/2014 12:31:11	13.48	51.55	33.85	7.90	7.99	5.7	3.109	93.5	6.9	4.5	1.6
196	8/10/2014 12:46:11	13.31	51.62	33.89	7.89	7.99	3.1	3.164	93.0	6.7	4.4	1.6
197	8/10/2014 13:01:11	13.56	51.42	33.76	7.89	7.99	4.0	3.196	93.4	7.0	4.6	1.7
198	8/10/2014 13:16:11	13.95	51.41	33.77	7.96	7.99	3.7	3.207	95.0	4.5	2.9	1.1
199	8/10/2014 13:31:11	13.57	51.53	33.84	7.84	7.98	5.1	3.197	93.0	6.5	4.2	1.5
200	8/10/2014 13:46:11	13.45	51.61	33.89	7.87	7.99	3.1	3.156	93.1	6.9	4.5	1.6
201	8/10/2014 14:01:11	14.12	51.49	33.83	7.92	7.99	5.6	3.078	94.9	6.5	4.2	1.5
202	8/10/2014 14:16:11	14.72	51.47	33.83	8.11	8.01	6.9	2.998	98.4	6.4	4.2	1.5
203	8/10/2014 14:31:11	14.71	51.57	33.91	8.25	8.01	8.5	2.891	100.1	6.1	4.0	1.4
204	8/10/2014 14:46:11	15.31	51.53	33.89	8.57	8.04	7.5	2.788	105.2	5.9	3.8	1.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
205	8/10/2014 15:01:11	15.53	51.61	33.96	8.36	8.02	10.1	2.680	103.2	6.4	4.2	1.5
206	8/10/2014 15:16:11	15.92	51.79	34.09	8.30	8.02	9.7	2.566	103.3	4.7	3.1	1.1
207	8/10/2014 15:31:11	16.79	51.74	34.07	8.22	8.01	10.4	2.455	104.1	4.9	3.2	1.2
208	8/10/2014 15:46:11	16.72	51.64	34.00	8.45	8.03	8.6	2.367	106.8	4.4	2.9	1.0
209	8/10/2014 16:01:11	17.63	51.84	34.15	8.22	8.01	9.0	2.265	105.8	4.8	3.1	1.1
210	8/10/2014 16:16:11	17.66	51.79	34.12	8.35	8.02	8.9	2.159	107.5	4.2	2.7	1.0
211	8/10/2014 16:31:11	17.85	52.01	34.28	8.40	8.02	8.4	2.056	108.6	4.2	2.7	1.0
212	8/10/2014 16:46:11	18.04	52.08	34.33	8.45	8.03	9.9	1.969	109.7	4.5	2.9	1.1
213	8/10/2014 17:01:11	18.21	51.74	34.08	8.51	8.04	9.4	1.886	110.7	4.3	2.8	1.0
214	8/10/2014 17:16:11	18.36	52.01	34.29	8.58	8.05	8.7	1.793	112.1	4.5	2.9	1.1
215	8/10/2014 17:31:11	18.50	52.04	34.31	8.67	8.06	8.6	1.724	113.5	4.3	2.8	1.0
216	8/10/2014 17:46:11	18.73	52.18	34.42	8.61	8.06	8.4	1.663	113.3	3.8	2.5	0.9
217	8/10/2014 18:01:11	19.02	52.15	34.39	8.71	8.07	7.3	1.634	115.2	3.9	2.5	0.9
218	8/10/2014 18:16:11	19.04	52.27	34.48	8.51	8.06	6.4	1.611	112.6	3.8	2.5	0.9
219	8/10/2014 18:31:11	18.98	52.28	34.49	8.34	8.06	5.9	1.612	110.3	4.0	2.6	0.9
220	8/10/2014 18:46:11	19.44	52.33	34.53	8.72	8.08	5.9	1.654	116.3	3.7	2.4	0.9
221	8/10/2014 19:01:11	19.28	52.20	34.43	8.62	8.06	6.6	1.695	114.6	3.9	2.5	0.9
222	8/10/2014 19:16:11	19.17	52.31	34.51	8.57	8.05	7.3	1.770	113.8	4.7	3.1	1.1
223	8/10/2014 19:31:11	19.06	52.21	34.44	8.45	8.04	8.6	1.857	111.8	4.6	3.0	1.1
224	8/10/2014 19:46:11	19.19	52.11	34.36	8.22	8.01	10.9	1.948	109.1	4.9	3.2	1.1
225	8/10/2014 20:01:11	18.70	52.03	34.31	8.25	8.01	9.4	2.055	108.4	4.7	3.1	1.1
226	8/10/2014 20:16:11	18.53	52.02	34.29	8.21	8.00	8.8	2.144	107.5	4.6	3.0	1.1
227	8/10/2014 20:31:11	18.38	51.97	34.26	8.17	8.00	8.1	2.240	106.7	4.7	3.1	1.1
228	8/10/2014 20:46:11	17.67	52.03	34.30	7.91	7.97	9.1	2.341	102.0	5.2	3.4	1.2
229	8/10/2014 21:01:11	17.26	51.96	34.24	7.82	7.96	8.1	2.431	100.0	5.4	3.5	1.3
230	8/10/2014 21:16:11	17.02	51.86	34.16	7.77	7.95	9.8	2.535	98.8	5.8	3.8	1.4
231	8/10/2014 21:31:11	16.45	51.86	34.16	7.77	7.95	10.0	2.632	97.7	5.9	3.8	1.4
232	8/10/2014 21:46:11	16.01	51.87	34.15	7.78	7.96	9.7	2.733	97.0	5.2	3.4	1.2
233	8/10/2014 22:01:11	15.67	51.84	34.13	7.82	7.96	10.8	2.846	96.9	5.9	3.8	1.4
234	8/10/2014 22:16:11	14.83	51.62	33.95	7.96	7.97	11.1	2.954	96.9	6.6	4.3	1.5
235	8/10/2014 22:31:11	14.14	51.54	33.87	8.04	7.98	6.7	3.062	96.5	6.7	4.4	1.6
236	8/10/2014 22:46:11	13.45	51.51	33.82	8.12	7.99	7.8	3.176	96.0	7.7	5.0	1.8
237	8/10/2014 23:01:11	13.23	51.49	33.80	8.21	8.01	5.5	3.281	96.6	7.5	4.9	1.8
238	8/10/2014 23:16:11	13.11	51.55	33.83	8.31	8.02	5.7	3.384	97.5	9.4	6.1	2.2
239	8/10/2014 23:31:11	13.00	51.30	33.65	8.33	8.03	5.6	3.473	97.6	8.6	5.6	2.0
240	8/10/2014 23:46:11	12.93	51.42	33.73	8.31	8.03	3.1	3.554	97.2	8.7	5.7	2.0
241	8/11/2014 0:01:11	12.87	51.48	33.78	8.33	8.03	2.6	3.627	97.3	7.3	4.7	1.7
242	8/11/2014 0:16:11	12.83	51.29	33.64	8.30	8.03	2.9	3.678	96.8	8.0	5.2	1.9
243	8/11/2014 0:31:11	12.73	51.45	33.75	8.43	8.04	3.3	3.695	98.1	12.8	8.3	3.0
244	8/11/2014 0:46:11	13.38	51.47	33.79	8.06	8.01	3.3	3.707	95.2	7.4	4.8	1.8
245	8/11/2014 1:01:11	13.07	51.38	33.71	8.23	8.03	4.2	3.687	96.6	6.4	4.2	1.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
246	8/11/2014 1:16:11	13.06	51.55	33.83	8.20	8.02	3.9	3.632	96.2	7.4	4.8	1.7
247	8/11/2014 1:31:11	13.15	51.36	33.70	8.03	8.00	5.5	3.540	94.3	6.9	4.5	1.6
248	8/11/2014 1:46:11	13.16	51.37	33.71	7.96	8.00	5.6	3.441	93.5	7.1	4.6	1.7
249	8/11/2014 2:01:11	13.06	51.35	33.68	8.03	8.01	5.2	3.325	94.2	6.9	4.5	1.6
250	8/11/2014 2:16:11	14.20	51.57	33.89	7.98	7.98	8.9	3.205	95.9	5.9	3.8	1.4
251	8/11/2014 2:31:11	14.14	51.62	33.93	8.19	8.00	9.6	3.067	98.3	5.7	3.7	1.3
252	8/11/2014 2:46:11	14.07	51.59	33.90	8.24	8.00	7.5	2.914	98.7	5.6	3.6	1.3
253	8/11/2014 3:01:11	14.59	51.50	33.85	8.08	7.99	7.9	2.783	97.8	5.2	3.4	1.2
254	8/11/2014 3:16:11	15.13	51.59	33.93	7.92	7.97	8.6	2.645	97.0	4.6	3.0	1.1
255	8/11/2014 3:31:11	15.65	51.81	34.10	7.82	7.96	8.8	2.490	96.8	4.4	2.9	1.0
256	8/11/2014 3:46:11	15.87	51.80	34.10	7.60	7.94	10.3	2.334	94.5	4.5	2.9	1.1
257	8/11/2014 4:01:11	14.87	51.68	33.99	7.78	7.95	10.6	2.182	94.8	4.8	3.1	1.1
258	8/11/2014 4:16:11	16.25	51.97	34.23	7.72	7.95	11.5	2.017	96.8	3.9	2.5	0.9
259	8/11/2014 4:31:11	16.18	51.95	34.22	7.70	7.95	11.9	1.861	96.4	4.5	2.9	1.1
260	8/11/2014 4:46:11	16.34	51.91	34.19	7.60	7.94	11.2	1.710	95.5	4.0	2.6	0.9
261	8/11/2014 5:01:11	16.58	51.96	34.23	7.52	7.93	10.7	1.530	94.9	3.7	2.4	0.9
262	8/11/2014 5:16:11	16.88	52.03	34.29	7.46	7.93	11.4	1.399	94.7	3.1	2.0	0.7
263	8/11/2014 5:31:11	17.31	52.00	34.27	7.38	7.92	9.9	1.218	94.5	3.6	2.3	0.9
264	8/11/2014 5:46:11	17.73	52.21	34.43	7.34	7.92	9.6	1.061	94.8	3.7	2.4	0.9
265	8/11/2014 6:01:11	17.70	52.26	34.47	7.26	7.91	9.8	0.931	93.7	3.8	2.5	0.9
266	8/11/2014 6:16:11	17.83	52.12	34.36	7.21	7.91	9.2	0.803	93.3	3.3	2.1	0.8
267	8/11/2014 6:31:11	18.16	52.25	34.46	7.20	7.92	9.4	0.704	93.7	3.1	2.0	0.7
268	8/11/2014 6:46:11	18.26	52.25	34.46	7.21	7.91	9.5	0.650	94.1	2.9	1.9	0.7
269	8/11/2014 7:01:11	18.14	52.46	34.62	7.14	7.91	8.4	0.662	93.0	3.0	2.0	0.7
270	8/11/2014 7:16:11	18.26	52.29	34.49	7.14	7.92	7.2	0.723	93.1	2.7	1.8	0.6
271	8/11/2014 7:31:11	18.60	52.37	34.56	7.21	7.94	6.8	0.819	94.8	3.0	2.0	0.7
272	8/11/2014 7:46:11	18.87	52.43	34.60	7.36	7.97	6.4	0.931	97.3	3.2	2.1	0.8
273	8/11/2014 8:01:11	18.68	52.46	34.62	7.37	7.95	6.4	1.036	97.1	2.9	1.9	0.7
274	8/11/2014 8:16:11	18.70	52.51	34.66	7.37	7.96	6.6	1.137	97.1	2.9	1.9	0.7
275	8/11/2014 8:31:11	18.73	52.53	34.67	7.44	7.97	6.3	1.230	98.0	3.0	2.0	0.7
276	8/11/2014 8:46:11	18.65	52.39	34.57	7.42	7.96	6.5	1.340	97.6	3.1	2.0	0.7
277	8/11/2014 9:01:11	18.32	52.27	34.48	7.38	7.95	6.7	1.444	96.4	3.3	2.1	0.8
278	8/11/2014 9:16:11	18.24	52.35	34.54	7.39	7.95	6.7	1.549	96.4	3.1	2.0	0.7
279	8/11/2014 9:31:11	18.23	52.27	34.48	7.41	7.95	6.8	1.668	96.6	3.2	2.1	0.8
280	8/11/2014 9:46:11	18.11	52.26	34.47	7.38	7.94	7.3	1.800	96.0	3.0	2.0	0.7
281	8/11/2014 10:01:11	17.86	52.29	34.49	7.32	7.92	8.1	1.920	94.8	2.9	1.9	0.7
282	8/11/2014 10:16:12	17.59	52.28	34.48	7.23	7.91	9.1	2.044	93.2	3.3	2.1	0.8
283	8/11/2014 10:31:11	17.33	52.12	34.36	7.22	7.90	11.3	2.167	92.5	3.6	2.3	0.8
284	8/11/2014 10:46:11	17.02	51.96	34.24	7.25	7.91	12.0	2.284	92.2	3.6	2.3	0.8
285	8/11/2014 11:01:11	16.81	52.08	34.32	7.31	7.91	14.7	2.403	92.7	4.0	2.6	0.9
286	8/11/2014 11:16:11	16.43	52.02	34.27	7.30	7.91	15.9	2.512	91.8	3.9	2.5	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
287	8/11/2014 11:31:11	15.79	51.80	34.10	7.42	7.92	15.8	2.627	92.1	4.4	2.9	1.0
288	8/11/2014 11:46:11	14.90	51.80	34.08	7.60	7.94	12.5	2.739	92.7	5.2	3.4	1.2
289	8/11/2014 12:01:11	14.45	51.74	34.02	7.69	7.95	10.8	2.845	92.9	6.0	3.9	1.4
290	8/11/2014 12:16:11	14.16	51.75	34.02	7.77	7.96	10.6	2.946	93.3	5.6	3.6	1.3
291	8/11/2014 12:31:11	13.93	51.58	33.89	7.85	7.97	9.8	3.055	93.8	6.0	3.9	1.4
292	8/11/2014 12:46:11	13.56	51.62	33.90	8.27	8.01	11.4	3.152	98.1	9.2	6.0	2.2
293	8/11/2014 13:01:11	13.25	51.42	33.75	8.66	8.04	7.3	3.230	101.9	10.7	7.0	2.5
294	8/11/2014 13:16:11	13.10	51.38	33.71	8.81	8.06	4.4	3.309	103.3	10.4	6.8	2.5
295	8/11/2014 13:31:11	13.01	51.35	33.69	8.87	8.07	3.5	3.364	103.8	9.3	6.0	2.2
296	8/11/2014 13:46:11	12.99	51.45	33.76	8.88	8.07	3.0	3.389	104.0	9.9	6.4	2.3
297	8/11/2014 14:01:11	13.97	51.54	33.86	8.45	8.04	4.5	3.397	101.0	9.1	5.9	2.1
298	8/11/2014 14:16:11	13.21	51.40	33.73	8.71	8.05	4.0	3.379	102.4	10.2	6.6	2.4
299	8/11/2014 14:31:11	13.20	51.52	33.82	8.73	8.06	3.4	3.321	102.7	9.7	6.3	2.3
300	8/11/2014 14:46:11	13.58	51.44	33.77	8.70	8.05	5.7	3.233	103.2	8.6	5.6	2.0
301	8/11/2014 15:01:11	13.93	51.57	33.88	8.72	8.06	6.3	3.138	104.2	7.9	5.1	1.9
302	8/11/2014 15:16:11	13.89	51.52	33.84	9.19	8.09	5.7	3.025	109.7	9.3	6.0	2.2
303	8/11/2014 15:31:11	15.09	51.73	34.03	8.30	8.02	10.3	2.902	101.6	6.6	4.3	1.5
304	8/11/2014 15:46:11	15.12	51.70	34.01	8.20	8.01	9.8	2.791	100.4	6.1	4.0	1.4
305	8/11/2014 16:01:11	15.53	51.73	34.04	8.15	8.00	7.6	2.664	100.6	5.1	3.3	1.2
306	8/11/2014 16:16:11	16.27	51.85	34.15	8.00	7.99	7.7	2.563	100.3	3.8	2.5	0.9
307	8/11/2014 16:31:11	16.53	51.89	34.18	7.93	7.98	8.6	2.447	99.9	3.4	2.2	0.8
308	8/11/2014 16:46:11	17.16	51.93	34.22	7.96	7.98	9.3	2.324	101.6	3.5	2.3	0.8
309	8/11/2014 17:01:11	17.63	51.95	34.23	8.00	7.99	8.3	2.225	103.1	4.0	2.6	0.9
310	8/11/2014 17:16:11	17.31	52.01	34.28	8.17	7.99	8.6	2.109	104.6	4.3	2.8	1.0
311	8/11/2014 17:31:11	17.09	51.98	34.25	8.29	8.00	8.3	1.999	105.6	3.8	2.5	0.9
312	8/11/2014 17:46:11	17.04	51.82	34.13	8.38	8.01	8.6	1.892	106.6	3.9	2.5	0.9
313	8/11/2014 18:01:11	17.26	51.92	34.21	8.43	8.02	7.1	1.793	107.7	3.5	2.3	0.8
314	8/11/2014 18:16:11	17.52	52.04	34.30	8.45	8.02	7.0	1.716	108.6	3.4	2.2	0.8
315	8/11/2014 18:31:11	17.83	52.10	34.35	8.43	8.02	6.5	1.626	109.0	3.5	2.3	0.8
316	8/11/2014 18:46:11	17.90	52.08	34.34	8.48	8.02	6.5	1.557	109.8	3.1	2.0	0.7
317	8/11/2014 19:01:11	18.44	52.21	34.43	8.41	8.02	5.4	1.519	110.1	3.1	2.0	0.7
318	8/11/2014 19:16:11	18.52	52.19	34.42	8.45	8.02	5.0	1.516	110.7	3.9	2.5	0.9
319	8/11/2014 19:31:11	18.81	52.09	34.35	8.49	8.04	4.8	1.519	111.9	3.7	2.4	0.9
320	8/11/2014 19:46:11	19.10	52.30	34.51	8.58	8.05	5.1	1.542	113.7	3.6	2.3	0.8
321	8/11/2014 20:01:11	19.08	52.31	34.51	8.48	8.04	5.5	1.633	112.3	3.2	2.1	0.8
322	8/11/2014 20:16:11	19.10	52.32	34.52	8.50	8.03	6.9	1.707	112.7	3.7	2.4	0.9
323	8/11/2014 20:31:11	19.07	52.19	34.42	8.26	8.01	9.2	1.807	109.4	3.9	2.5	0.9
324	8/11/2014 20:46:11	19.15	52.33	34.53	8.08	7.99	12.2	1.918	107.3	4.5	2.9	1.1
325	8/11/2014 21:01:11	18.53	52.25	34.46	8.09	7.99	8.3	2.033	106.0	3.8	2.5	0.9
326	8/11/2014 21:16:11	18.40	52.21	34.43	8.05	7.98	7.7	2.138	105.3	4.0	2.6	0.9
327	8/11/2014 21:31:11	17.59	52.06	34.31	7.93	7.97	8.6	2.235	102.1	4.6	3.0	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
328	8/11/2014 21:46:11	17.04	51.94	34.23	7.73	7.95	7.0	2.334	98.4	4.1	2.7	1.0
329	8/11/2014 22:01:11	16.87	52.00	34.27	7.72	7.95	7.8	2.439	97.9	4.3	2.8	1.0
330	8/11/2014 22:16:11	16.49	51.92	34.20	7.77	7.95	9.8	2.536	97.8	4.8	3.1	1.1
331	8/11/2014 22:31:11	16.11	51.90	34.18	7.87	7.96	9.7	2.636	98.4	5.2	3.4	1.2
332	8/11/2014 22:46:11	15.82	51.82	34.12	7.98	7.97	9.5	2.740	99.1	5.4	3.5	1.3
333	8/11/2014 23:01:12	15.39	51.76	34.06	8.17	7.99	12.8	2.845	100.6	7.1	4.6	1.7
334	8/11/2014 23:16:11	14.79	51.61	33.94	8.46	8.02	12.3	2.959	102.8	7.5	4.9	1.8
335	8/11/2014 23:31:11	14.00	51.51	33.84	8.88	8.05	11.0	3.072	106.2	9.6	6.2	2.2
336	8/11/2014 23:46:11	13.76	51.64	33.93	9.04	8.07	9.6	3.182	107.7	10.7	7.0	2.5
337	8/12/2014 0:01:11	13.58	51.53	33.84	9.20	8.08	10.8	3.291	109.1	11.7	7.6	2.7
338	8/12/2014 0:16:11	13.47	51.45	33.77	9.27	8.09	10.8	3.398	109.6	13.3	8.6	3.1
339	8/12/2014 0:31:11	13.40	51.51	33.82	9.31	8.09	6.8	3.482	110.0	11.7	7.6	2.7
340	8/12/2014 0:46:11	13.32	51.51	33.82	9.38	8.10	4.9	3.559	110.6	13.4	8.7	3.2
341	8/12/2014 1:01:11	13.21	51.35	33.69	9.40	8.10	3.6	3.633	110.6	15.0	9.8	3.5
342	8/12/2014 1:16:11	13.07	51.45	33.76	9.58	8.11	4.1	3.667	112.3	14.0	9.1	3.3
343	8/12/2014 1:31:11	14.09	51.17	33.60	8.82	8.06	5.3	3.686	105.5	10.7	7.0	2.5
344	8/12/2014 1:46:11	13.50	51.48	33.80	9.09	8.08	5.1	3.682	107.6	10.3	6.7	2.4
345	8/12/2014 2:01:11	13.78	51.43	33.77	8.69	8.05	5.6	3.640	103.5	9.2	6.0	2.2
346	8/12/2014 2:16:11	13.51	51.49	33.81	9.02	8.07	6.7	3.572	106.8	10.9	7.1	2.6
347	8/12/2014 2:31:11	13.54	51.56	33.86	9.00	8.07	7.6	3.472	106.6	10.9	7.1	2.6
348	8/12/2014 2:46:11	13.71	51.50	33.82	8.92	8.06	7.5	3.359	106.0	10.0	6.5	2.4
349	8/12/2014 3:01:11	13.82	51.56	33.87	9.12	8.06	6.4	3.240	108.7	11.1	7.2	2.6
350	8/12/2014 3:16:11	14.70	51.77	34.05	8.53	8.03	10.4	3.107	103.6	7.5	4.9	1.8
351	8/12/2014 3:31:11	14.57	51.66	33.97	8.63	8.04	9.8	2.975	104.5	8.4	5.5	2.0
352	8/12/2014 3:46:11	14.63	51.78	34.06	8.57	8.03	9.3	2.836	103.9	8.3	5.4	2.0
353	8/12/2014 4:01:11	15.07	51.72	34.02	8.17	8.00	8.2	2.704	100.0	5.6	3.6	1.3
354	8/12/2014 4:16:11	15.45	51.83	34.11	7.91	7.98	7.9	2.562	97.6	5.5	3.6	1.3
355	8/12/2014 4:31:11	16.15	51.96	34.22	7.52	7.95	8.7	2.417	94.1	4.2	2.7	1.0
356	8/12/2014 4:46:11	15.80	51.77	34.08	7.73	7.97	9.4	2.272	95.9	4.2	2.7	1.0
357	8/12/2014 5:01:12	14.93	51.81	34.09	7.98	7.99	10.3	2.105	97.3	5.6	3.6	1.3
358	8/12/2014 5:16:12	15.30	51.90	34.16	7.94	7.99	11.5	1.966	97.7	5.4	3.5	1.3
359	8/12/2014 5:31:12	15.83	52.00	34.25	7.66	7.97	10.3	1.799	95.3	4.5	2.9	1.1
360	8/12/2014 5:46:11	16.23	51.99	34.25	7.51	7.95	11.7	1.650	94.2	3.9	2.5	0.9
361	8/12/2014 6:01:11	16.81	52.11	34.34	7.30	7.94	10.2	1.512	92.5	3.2	2.1	0.8
362	8/12/2014 6:16:11	16.93	52.04	34.30	7.16	7.93	10.2	1.354	90.9	3.0	2.0	0.7
363	8/12/2014 6:31:11	17.23	52.12	34.36	7.09	7.92	9.7	1.199	90.6	2.9	1.9	0.7
364	8/12/2014 6:46:11	17.39	52.14	34.38	7.02	7.91	10.8	1.071	90.0	3.1	2.0	0.7
365	8/12/2014 7:01:11	17.48	52.18	34.40	6.97	7.90	10.8	0.932	89.6	2.9	1.9	0.7
366	8/12/2014 7:16:11	17.69	52.28	34.48	6.89	7.90	9.2	0.850	88.9	2.5	1.6	0.6
367	8/12/2014 7:31:11	17.95	52.31	34.51	6.89	7.90	8.8	0.819	89.4	2.9	1.9	0.7
368	8/12/2014 7:46:11	17.88	52.33	34.52	6.77	7.89	8.4	0.790	87.7	2.9	1.9	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
369	8/12/2014 8:01:11	18.02	52.40	34.57	6.83	7.90	6.3	0.826	88.8	2.8	1.8	0.7
370	8/12/2014 8:16:11	18.36	52.41	34.59	6.92	7.91	6.2	0.941	90.6	3.1	2.0	0.7
371	8/12/2014 8:31:11	18.49	52.41	34.58	6.94	7.92	7.0	1.012	91.0	3.0	2.0	0.7
372	8/12/2014 8:46:11	18.54	52.41	34.58	7.02	7.92	6.1	1.111	92.2	2.8	1.8	0.7
373	8/12/2014 9:01:11	18.48	52.39	34.57	7.06	7.92	6.6	1.241	92.5	3.2	2.1	0.8
374	8/12/2014 9:16:11	18.42	52.40	34.57	7.04	7.93	6.4	1.336	92.3	3.0	2.0	0.7
375	8/12/2014 9:31:11	18.11	52.28	34.48	7.04	7.92	6.5	1.445	91.6	3.1	2.0	0.7
376	8/12/2014 9:46:11	18.08	52.28	34.49	7.06	7.92	6.7	1.540	91.8	3.3	2.1	0.8
377	8/12/2014 10:01:11	17.97	52.28	34.48	7.07	7.92	6.7	1.660	91.8	2.5	1.6	0.6
378	8/12/2014 10:16:11	17.91	52.30	34.50	7.07	7.92	6.5	1.789	91.7	2.4	1.6	0.6
379	8/12/2014 10:31:11	17.65	52.28	34.48	7.05	7.92	7.6	1.898	90.9	2.9	1.9	0.7
380	8/12/2014 10:46:11	17.34	52.13	34.36	7.07	7.91	7.4	2.014	90.6	2.8	1.8	0.7
381	8/12/2014 11:01:11	17.12	52.02	34.29	7.09	7.90	9.5	2.159	90.4	3.1	2.0	0.7
382	8/12/2014 11:16:11	16.83	52.00	34.27	7.13	7.91	12.5	2.267	90.4	3.5	2.3	0.8
383	8/12/2014 11:31:11	16.58	51.88	34.18	7.24	7.92	11.9	2.374	91.3	3.5	2.3	0.8
384	8/12/2014 11:46:11	16.37	52.02	34.27	7.33	7.93	14.2	2.501	92.2	3.8	2.5	0.9
385	8/12/2014 12:01:11	15.87	51.86	34.15	7.62	7.95	15.5	2.610	94.8	4.3	2.8	1.0
386	8/12/2014 12:16:11	15.34	51.77	34.07	7.95	7.97	13.4	2.728	97.9	6.1	4.0	1.4
387	8/12/2014 12:31:11	14.66	51.75	34.03	8.36	8.01	16.4	2.837	101.4	7.9	5.1	1.9
388	8/12/2014 12:46:11	14.35	51.74	34.02	8.61	8.03	15.5	2.948	103.9	8.6	5.6	2.0
389	8/12/2014 13:01:11	14.18	51.44	33.80	8.72	8.04	15.5	3.061	104.7	8.6	5.6	2.0
390	8/12/2014 13:16:12	14.01	51.60	33.91	8.81	8.05	14.6	3.168	105.4	9.6	6.2	2.2
391	8/12/2014 13:31:12	13.87	51.49	33.82	8.94	8.06	10.3	3.267	106.6	9.8	6.4	2.3
392	8/12/2014 13:46:11	13.66	51.45	33.79	9.13	8.08	7.7	3.355	108.5	10.7	7.0	2.5
393	8/12/2014 14:01:11	13.40	51.32	33.68	9.41	8.10	4.6	3.432	111.1	14.0	9.1	3.3
394	8/12/2014 14:16:12	13.27	51.41	33.74	9.46	8.11	3.4	3.468	111.4	12.1	7.9	2.9
395	8/12/2014 14:31:11	13.48	51.23	33.61	9.25	8.09	5.8	3.510	109.3	6.6	4.3	1.5
396	8/12/2014 14:46:11	13.85	51.42	33.77	9.05	8.08	5.4	3.514	107.9	9.1	5.9	2.1
397	8/12/2014 15:01:11	13.34	51.46	33.78	9.47	8.11	4.6	3.468	111.7	10.9	7.1	2.6
398	8/12/2014 15:16:11	13.56	51.35	33.71	9.41	8.10	4.2	3.415	111.5	10.6	6.9	2.5
399	8/12/2014 15:31:11	14.03	51.50	33.83	9.27	8.10	8.4	3.320	110.9	8.6	5.6	2.0
400	8/12/2014 15:46:11	14.07	51.43	33.78	9.37	8.10	7.7	3.219	112.2	9.6	6.2	2.3
401	8/12/2014 16:01:11	14.22	51.41	33.77	9.51	8.11	6.4	3.093	114.2	8.5	5.5	2.0
402	8/12/2014 16:16:11	15.18	51.61	33.94	8.98	8.07	9.5	2.961	110.0	7.6	4.9	1.8
403	8/12/2014 16:31:11	15.47	51.57	33.92	8.77	8.05	10.9	2.844	108.0	7.4	4.8	1.7
404	8/12/2014 16:46:12	15.64	51.73	34.05	8.71	8.05	9.2	2.730	107.7	7.4	4.8	1.7
405	8/12/2014 17:01:12	16.03	51.80	34.10	8.57	8.04	8.6	2.604	106.9	5.7	3.7	1.3
406	8/12/2014 17:16:12	16.47	51.83	34.13	8.31	8.02	8.2	2.487	104.5	4.9	3.2	1.2
407	8/12/2014 17:31:12	16.86	52.00	34.26	8.15	8.01	8.6	2.366	103.4	4.5	2.9	1.1
408	8/12/2014 17:46:12	17.08	51.99	34.26	8.07	8.00	8.7	2.254	102.9	4.3	2.8	1.0
409	8/12/2014 18:01:11	16.88	51.93	34.21	8.19	8.01	8.4	2.128	104.0	4.8	3.1	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
410	8/12/2014 18:16:11	16.76	51.86	34.16	8.36	8.02	9.7	2.009	105.8	4.0	2.6	0.9
411	8/12/2014 18:31:11	16.68	51.81	34.13	8.41	8.03	8.7	1.900	106.3	4.1	2.7	1.0
412	8/12/2014 18:46:11	16.85	51.81	34.13	8.40	8.02	7.8	1.791	106.5	4.3	2.8	1.0
413	8/12/2014 19:01:11	17.12	51.97	34.25	8.29	8.02	7.9	1.686	105.7	4.2	2.7	1.0
414	8/12/2014 19:16:11	17.20	51.96	34.24	8.16	8.01	7.2	1.594	104.2	3.9	2.5	0.9
415	8/12/2014 19:31:11	17.41	52.02	34.29	8.01	8.00	7.6	1.514	102.7	3.7	2.4	0.9
416	8/12/2014 19:46:12	17.74	52.18	34.41	7.85	7.99	7.5	1.457	101.4	3.7	2.4	0.9
417	8/12/2014 20:01:11	17.73	52.19	34.41	7.86	7.98	6.7	1.440	101.6	3.6	2.3	0.8
418	8/12/2014 20:16:11	17.87	52.13	34.37	7.83	7.98	5.0	1.414	101.3	3.4	2.2	0.8
419	8/12/2014 20:31:11	18.39	52.35	34.54	7.90	7.99	5.4	1.439	103.4	4.2	2.7	1.0
420	8/12/2014 20:46:11	18.73	52.39	34.57	8.06	8.01	5.5	1.497	106.1	3.9	2.5	0.9
421	8/12/2014 21:01:11	18.93	52.42	34.59	8.02	8.01	7.0	1.573	106.0	4.0	2.6	0.9
422	8/12/2014 21:16:11	18.73	52.35	34.54	8.05	8.00	6.9	1.656	106.0	3.9	2.5	0.9
423	8/12/2014 21:31:11	18.63	52.20	34.42	7.86	7.98	7.8	1.765	103.3	4.5	2.9	1.1
424	8/12/2014 21:46:11	18.64	52.22	34.45	7.68	7.97	9.8	1.883	100.9	4.0	2.6	0.9
425	8/12/2014 22:01:11	18.10	52.13	34.37	7.82	7.97	9.0	1.983	101.6	4.4	2.9	1.0
426	8/12/2014 22:16:11	18.04	52.17	34.41	7.84	7.98	7.3	2.079	101.9	4.1	2.7	1.0
427	8/12/2014 22:31:11	17.56	51.92	34.21	7.88	7.98	8.6	2.179	101.4	4.4	2.9	1.0
428	8/12/2014 22:46:11	17.12	52.09	34.33	7.79	7.97	7.5	2.279	99.3	4.6	3.0	1.1
429	8/12/2014 23:01:11	16.93	51.98	34.25	7.82	7.97	8.2	2.373	99.3	4.6	3.0	1.1
430	8/12/2014 23:16:11	16.74	51.92	34.20	7.88	7.97	9.3	2.472	99.7	5.3	3.4	1.2
431	8/12/2014 23:31:11	16.40	51.89	34.18	8.02	7.98	9.9	2.564	100.8	5.4	3.5	1.3
432	8/12/2014 23:46:11	16.19	51.85	34.14	8.09	7.99	10.6	2.666	101.3	5.6	3.6	1.3
433	8/13/2014 0:01:11	15.89	51.81	34.11	8.23	8.00	12.7	2.769	102.4	6.5	4.2	1.5
434	8/13/2014 0:16:12	15.40	51.75	34.06	8.48	8.03	12.7	2.877	104.4	7.7	5.0	1.8
435	8/13/2014 0:31:12	14.79	51.52	33.87	8.75	8.05	13.4	2.977	106.4	8.5	5.5	2.0
436	8/13/2014 0:46:11	14.30	51.55	33.88	9.01	8.07	8.9	3.078	108.5	8.8	5.7	2.1
437	8/13/2014 1:01:11	14.12	51.52	33.85	9.14	8.08	9.5	3.186	109.6	10.2	6.6	2.4
438	8/13/2014 1:16:11	13.91	51.49	33.82	9.27	8.09	8.3	3.275	110.6	11.3	7.3	2.7
439	8/13/2014 1:31:11	13.82	51.39	33.75	9.31	8.09	6.4	3.361	110.9	10.0	6.5	2.4
440	8/13/2014 1:46:11	13.75	51.28	33.66	9.29	8.10	5.1	3.427	110.4	11.0	7.2	2.6
441	8/13/2014 2:01:11	13.72	51.37	33.72	9.21	8.09	4.2	3.487	109.4	10.6	6.9	2.5
442	8/13/2014 2:16:11	13.90	51.40	33.76	8.83	8.07	3.2	3.521	105.3	8.4	5.5	2.0
443	8/13/2014 2:31:12	14.61	51.60	33.92	8.30	8.03	5.4	3.532	100.6	5.9	3.8	1.4
444	8/13/2014 2:46:12	13.92	51.56	33.88	8.84	8.07	4.8	3.516	105.6	5.5	3.6	1.3
445	8/13/2014 3:01:12	14.00	51.29	33.68	8.81	8.06	6.2	3.469	105.3	7.6	4.9	1.8
446	8/13/2014 3:16:12	14.06	51.50	33.83	8.86	8.07	7.5	3.404	106.1	8.0	5.2	1.9
447	8/13/2014 3:31:12	14.08	51.50	33.83	8.81	8.07	7.5	3.311	105.5	6.8	4.4	1.6
448	8/13/2014 3:46:11	13.90	51.44	33.78	8.99	8.08	8.4	3.178	107.3	7.2	4.7	1.7
449	8/13/2014 4:01:12	14.23	51.40	33.77	8.76	8.06	8.3	3.072	105.2	6.6	4.3	1.6
450	8/13/2014 4:16:12	15.02	51.62	33.95	8.31	8.03	8.6	2.944	101.5	6.7	4.4	1.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
451	8/13/2014 4:31:11	15.05	51.68	33.99	8.21	8.02	10.4	2.792	100.4	6.8	4.4	1.6
452	8/13/2014 4:46:12	15.75	51.78	34.09	7.64	7.98	9.2	2.666	94.8	5.2	3.4	1.2
453	8/13/2014 5:01:11	15.91	51.74	34.06	7.64	7.98	8.3	2.539	95.1	4.9	3.2	1.2
454	8/13/2014 5:16:11	16.50	51.91	34.19	7.21	7.95	8.7	2.419	90.8	4.0	2.6	0.9
455	8/13/2014 5:31:11	16.61	51.99	34.26	7.08	7.93	8.9	2.277	89.4	3.7	2.4	0.9
456	8/13/2014 5:46:11	16.21	51.87	34.16	7.27	7.94	9.5	2.131	91.0	3.5	2.3	0.8
457	8/13/2014 6:01:11	15.81	51.78	34.09	7.66	7.97	10.9	1.992	95.1	4.3	2.8	1.0
458	8/13/2014 6:16:11	15.80	51.86	34.15	7.69	7.97	9.7	1.860	95.5	4.3	2.8	1.0
459	8/13/2014 6:31:11	16.05	51.80	34.10	7.48	7.96	10.4	1.704	93.4	3.9	2.5	0.9
460	8/13/2014 6:46:11	16.21	51.82	34.12	7.36	7.95	10.1	1.557	92.2	3.4	2.2	0.8
461	8/13/2014 7:01:11	16.63	51.96	34.23	7.08	7.92	10.0	1.446	89.4	3.5	2.3	0.8
462	8/13/2014 7:16:12	16.71	52.09	34.33	6.95	7.92	10.9	1.296	88.0	3.1	2.0	0.7
463	8/13/2014 7:31:12	17.23	52.20	34.41	6.84	7.91	9.5	1.159	87.5	3.1	2.0	0.7
464	8/13/2014 7:46:11	17.38	52.07	34.32	6.75	7.90	7.6	1.086	86.6	3.1	2.0	0.7
465	8/13/2014 8:01:11	17.46	52.14	34.37	6.69	7.89	6.9	0.995	85.9	2.8	1.8	0.7
466	8/13/2014 8:16:11	17.63	52.28	34.48	6.58	7.88	6.8	0.954	84.8	2.7	1.8	0.6
467	8/13/2014 8:31:11	17.44	52.20	34.42	6.59	7.89	7.3	0.955	84.6	2.7	1.8	0.6
468	8/13/2014 8:46:11	17.64	52.23	34.45	6.59	7.89	6.1	0.985	85.0	3.1	2.0	0.7
469	8/13/2014 9:01:11	17.59	52.20	34.42	6.62	7.89	6.3	1.052	85.2	2.3	1.5	0.6
470	8/13/2014 9:16:11	17.79	52.28	34.48	6.59	7.88	6.5	1.147	85.2	3.2	2.1	0.7
471	8/13/2014 9:31:11	18.13	52.35	34.54	6.47	7.88	6.5	1.258	84.2	2.8	1.8	0.7
472	8/13/2014 9:46:11	18.04	52.23	34.45	6.49	7.88	6.5	1.360	84.3	3.1	2.0	0.7
473	8/13/2014 10:01:11	18.03	52.29	34.49	6.50	7.88	7.5	1.473	84.4	3.4	2.2	0.8
474	8/13/2014 10:16:11	17.47	52.22	34.44	6.79	7.90	6.5	1.584	87.3	3.2	2.1	0.7
475	8/13/2014 10:31:11	17.43	52.20	34.42	6.86	7.91	6.4	1.690	88.1	3.1	2.0	0.7
476	8/13/2014 10:46:11	17.60	52.14	34.38	6.80	7.90	6.4	1.814	87.6	3.2	2.1	0.8
477	8/13/2014 11:01:11	17.67	52.23	34.44	6.75	7.90	6.5	1.917	87.1	3.3	2.1	0.8
478	8/13/2014 11:16:11	17.45	52.08	34.33	6.86	7.90	7.4	2.044	88.1	3.3	2.1	0.8
479	8/13/2014 11:31:11	17.29	51.96	34.24	6.95	7.91	8.1	2.152	89.0	3.3	2.1	0.8
480	8/13/2014 11:46:12	17.10	51.93	34.22	7.02	7.91	9.7	2.267	89.5	3.3	2.1	0.8
481	8/13/2014 12:01:12	16.84	51.98	34.25	7.15	7.93	12.0	2.382	90.7	3.7	2.4	0.9
482	8/13/2014 12:16:11	16.67	51.84	34.15	7.30	7.94	13.0	2.491	92.2	4.2	2.7	1.0
483	8/13/2014 12:31:11	16.34	51.80	34.11	7.50	7.95	15.9	2.609	94.1	3.9	2.5	0.9
484	8/13/2014 12:46:11	15.88	51.75	34.06	7.80	7.98	15.7	2.720	97.0	5.5	3.6	1.3
485	8/13/2014 13:01:11	15.24	51.57	33.92	8.18	8.01	11.5	2.825	100.3	6.4	4.2	1.5
486	8/13/2014 13:16:11	14.88	51.61	33.94	8.46	8.03	12.9	2.939	103.1	6.9	4.5	1.6
487	8/13/2014 13:31:11	14.67	51.53	33.87	8.62	8.05	11.4	3.051	104.5	8.2	5.3	1.9
488	8/13/2014 13:46:11	14.53	51.56	33.89	8.72	8.06	11.1	3.155	105.5	8.2	5.3	1.9
489	8/13/2014 14:01:11	14.42	51.42	33.78	8.85	8.07	10.1	3.253	106.7	9.4	6.1	2.2
490	8/13/2014 14:16:11	14.16	51.31	33.70	9.34	8.12	9.5	3.352	112.0	9.2	6.0	2.2
491	8/13/2014 14:31:11	13.99	51.40	33.76	9.68	8.14	6.1	3.434	115.7	10.6	6.9	2.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
492	8/13/2014 14:46:12	13.89	51.35	33.72	9.87	8.16	4.2	3.489	117.7	10.0	6.5	2.4
493	8/13/2014 15:01:11	13.84	51.36	33.73	9.95	8.16	3.1	3.535	118.5	10.0	6.5	2.4
494	8/13/2014 15:16:11	14.04	51.35	33.72	9.62	8.13	2.6	3.557	115.0	6.4	4.2	1.5
495	8/13/2014 15:31:11	13.93	51.38	33.74	9.80	8.15	3.4	3.542	117.0	7.5	4.9	1.8
496	8/13/2014 15:46:11	14.04	51.36	33.73	9.75	8.15	5.3	3.501	116.6	9.7	6.3	2.3
497	8/13/2014 16:01:12	14.34	51.40	33.77	9.62	8.14	4.7	3.427	115.9	10.3	6.7	2.4
498	8/13/2014 16:16:12	14.60	51.46	33.82	9.46	8.13	6.4	3.335	114.5	7.2	4.7	1.7
499	8/13/2014 16:31:12	14.57	51.30	33.70	9.90	8.17	6.8	3.220	119.7	7.5	4.9	1.8
500	8/13/2014 16:46:11	14.89	51.46	33.83	9.60	8.14	6.5	3.105	116.9	7.4	4.8	1.7
501	8/13/2014 17:01:11	16.05	51.64	33.99	8.79	8.07	10.4	2.985	109.7	6.3	4.1	1.5
502	8/13/2014 17:16:11	16.37	51.48	33.88	8.71	8.06	9.0	2.856	109.2	5.3	3.4	1.3
503	8/13/2014 17:31:11	16.05	51.64	33.99	8.78	8.07	8.6	2.752	109.5	7.0	4.6	1.6
504	8/13/2014 17:46:11	16.64	51.71	34.05	8.56	8.05	8.2	2.619	108.0	4.7	3.1	1.1
505	8/13/2014 18:01:11	16.91	51.67	34.02	8.44	8.04	8.1	2.503	107.1	4.1	2.7	1.0
506	8/13/2014 18:16:11	17.55	51.88	34.19	8.21	8.02	8.1	2.380	105.5	3.9	2.5	0.9
507	8/13/2014 18:31:11	17.38	51.84	34.15	8.14	8.01	9.7	2.262	104.2	3.9	2.5	0.9
508	8/13/2014 18:46:11	16.97	51.80	34.12	8.42	8.04	7.6	2.145	106.9	3.9	2.5	0.9
509	8/13/2014 19:01:11	16.92	51.72	34.06	8.50	8.04	8.6	2.014	107.8	3.3	2.1	0.8
510	8/13/2014 19:16:11	16.97	51.77	34.10	8.46	8.04	9.2	1.900	107.5	3.8	2.5	0.9
511	8/13/2014 19:31:11	17.38	51.88	34.18	8.23	8.02	8.6	1.783	105.5	4.1	2.7	1.0
512	8/13/2014 19:46:12	17.75	51.88	34.19	8.06	8.01	7.9	1.666	103.9	3.6	2.3	0.8
513	8/13/2014 20:01:11	17.75	51.95	34.24	8.04	8.01	8.6	1.568	103.7	3.2	2.1	0.8
514	8/13/2014 20:16:11	17.80	52.00	34.27	7.93	8.00	8.0	1.483	102.5	3.4	2.2	0.8
515	8/13/2014 20:31:11	18.06	51.96	34.25	7.86	7.99	7.6	1.427	102.1	3.2	2.1	0.8
516	8/13/2014 20:46:11	18.23	52.02	34.29	7.78	7.98	6.8	1.366	101.3	3.5	2.3	0.8
517	8/13/2014 21:01:11	18.67	52.05	34.32	7.97	7.99	5.8	1.373	104.7	3.2	2.1	0.8
518	8/13/2014 21:16:11	18.39	52.16	34.40	7.66	7.99	5.1	1.391	100.1	3.5	2.3	0.8
519	8/13/2014 21:31:11	19.41	52.24	34.46	8.29	8.03	5.2	1.413	110.5	3.5	2.3	0.8
520	8/13/2014 21:46:10	19.38	52.23	34.45	8.22	8.02	6.5	1.482	109.5	3.9	2.5	0.9
521	8/13/2014 22:01:11	19.45	52.27	34.48	8.23	8.02	6.3	1.561	109.8	3.9	2.5	0.9
522	8/13/2014 22:16:11	19.38	52.03	34.30	8.01	8.00	7.6	1.654	106.6	3.6	2.3	0.9
523	8/13/2014 22:31:11	19.70	52.22	34.45	7.58	7.96	9.7	1.758	101.6	4.4	2.9	1.0
524	8/13/2014 22:46:11	19.15	52.15	34.39	7.78	7.97	8.6	1.858	103.1	4.2	2.7	1.0
525	8/13/2014 23:01:11	18.79	52.21	34.44	7.81	7.98	7.2	1.957	102.9	3.6	2.3	0.9
526	8/13/2014 23:16:11	18.59	52.03	34.31	7.87	7.98	7.9	2.059	103.3	4.2	2.7	1.0
527	8/13/2014 23:31:11	17.91	52.00	34.28	7.83	7.98	7.2	2.145	101.4	4.2	2.7	1.0
528	8/13/2014 23:46:11	17.65	51.98	34.26	7.78	7.97	7.2	2.237	100.2	4.0	2.6	0.9
529	8/14/2014 0:01:11	17.49	51.92	34.21	7.79	7.97	7.6	2.335	100.1	4.4	2.9	1.0
530	8/14/2014 0:16:11	17.29	51.90	34.20	7.86	7.98	8.2	2.424	100.5	4.4	2.9	1.0
531	8/14/2014 0:31:12	17.02	51.84	34.15	7.95	7.99	8.3	2.513	101.2	4.8	3.1	1.1
532	8/14/2014 0:46:11	16.83	51.72	34.06	8.07	8.00	9.3	2.611	102.3	5.0	3.3	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
533	8/14/2014 1:01:11	16.72	51.78	34.10	8.11	8.00	10.0	2.694	102.5	5.7	3.7	1.3
534	8/14/2014 1:16:11	16.30	51.66	34.01	8.36	8.03	10.3	2.795	104.8	6.0	3.9	1.4
535	8/14/2014 1:31:11	15.91	51.64	33.99	8.61	8.05	10.0	2.874	107.1	6.8	4.4	1.6
536	8/14/2014 1:46:12	15.48	51.61	33.95	8.88	8.07	10.3	2.963	109.4	7.3	4.7	1.7
537	8/14/2014 2:01:11	15.05	51.51	33.87	9.19	8.10	8.5	3.059	112.3	7.7	5.0	1.8
538	8/14/2014 2:16:12	14.88	51.44	33.81	9.31	8.11	8.4	3.133	113.3	8.8	5.7	2.1
539	8/14/2014 2:31:11	14.69	51.34	33.74	9.40	8.12	6.3	3.209	114.0	10.2	6.6	2.4
540	8/14/2014 2:46:12	14.55	51.43	33.80	9.50	8.13	4.2	3.269	114.8	8.9	5.8	2.1
541	8/14/2014 3:01:11	14.52	51.31	33.71	9.44	8.13	3.4	3.311	114.1	9.8	6.4	2.3
542	8/14/2014 3:16:12	14.52	51.36	33.74	9.34	8.11	2.7	3.337	112.8	6.9	4.5	1.6
543	8/14/2014 3:31:11	15.41	51.47	33.85	8.44	8.05	5.7	3.341	103.9	5.1	3.3	1.2
544	8/14/2014 3:46:11	14.80	51.47	33.84	8.99	8.09	5.2	3.318	109.2	7.5	4.9	1.8
545	8/14/2014 4:01:12	14.89	51.41	33.79	8.92	8.09	7.9	3.268	108.6	6.0	3.9	1.4
546	8/14/2014 4:16:11	15.09	51.50	33.87	8.79	8.08	7.8	3.188	107.5	7.1	4.6	1.7
547	8/14/2014 4:31:11	15.25	51.52	33.88	8.56	8.06	7.6	3.102	105.1	5.2	3.4	1.2
548	8/14/2014 4:46:11	14.84	51.42	33.80	8.98	8.09	8.6	2.985	109.3	5.9	3.8	1.4
549	8/14/2014 5:01:11	15.58	51.55	33.91	8.43	8.05	9.2	2.876	104.1	5.4	3.5	1.3
550	8/14/2014 5:16:11	15.87	51.67	34.00	8.32	8.04	9.4	2.763	103.4	4.9	3.2	1.2
551	8/14/2014 5:31:11	16.48	51.66	34.01	7.80	7.99	9.9	2.646	98.1	4.9	3.2	1.2
552	8/14/2014 5:46:12	17.19	51.97	34.25	7.11	7.94	8.1	2.529	90.8	3.5	2.3	0.8
553	8/14/2014 6:01:12	17.47	51.89	34.19	6.95	7.93	9.0	2.408	89.2	3.7	2.4	0.9
554	8/14/2014 6:16:11	17.35	51.85	34.16	6.95	7.93	8.5	2.294	89.0	3.9	2.5	0.9
555	8/14/2014 6:31:12	17.47	51.82	34.14	6.84	7.90	9.4	2.165	87.7	2.7	1.8	0.6
556	8/14/2014 6:46:11	17.28	51.83	34.15	6.96	7.92	9.7	2.040	89.0	2.9	1.9	0.7
557	8/14/2014 7:01:11	17.01	51.76	34.09	7.39	7.96	10.4	1.906	93.9	2.9	1.9	0.7
558	8/14/2014 7:16:11	17.02	51.87	34.18	7.35	7.96	10.0	1.782	93.5	3.0	2.0	0.7
559	8/14/2014 7:31:11	17.13	51.66	34.02	7.29	7.95	8.7	1.661	92.8	3.3	2.1	0.8
560	8/14/2014 7:46:11	17.44	51.96	34.24	7.08	7.93	8.2	1.543	90.9	2.9	1.9	0.7
561	8/14/2014 8:01:11	17.50	51.98	34.26	6.93	7.92	8.1	1.425	89.1	2.5	1.6	0.6
562	8/14/2014 8:16:12	17.55	51.97	34.25	6.89	7.92	7.4	1.332	88.6	3.2	2.1	0.7
563	8/14/2014 8:31:12	17.74	52.04	34.31	6.78	7.91	6.3	1.253	87.5	2.3	1.5	0.5
564	8/14/2014 8:46:11	17.88	52.05	34.31	6.71	7.90	6.5	1.178	86.9	2.6	1.7	0.6
565	8/14/2014 9:01:11	17.97	51.99	34.27	6.69	7.89	6.8	1.170	86.8	2.4	1.6	0.6
566	8/14/2014 9:16:11	17.75	52.11	34.36	6.53	7.89	6.2	1.156	84.4	2.7	1.8	0.6
567	8/14/2014 9:31:11	18.26	52.12	34.37	6.51	7.89	5.5	1.182	84.9	2.9	1.9	0.7
568	8/14/2014 9:46:11	18.26	51.98	34.26	6.62	7.89	5.3	1.263	86.3	2.9	1.9	0.7
569	8/14/2014 10:01:11	18.73	52.23	34.45	6.42	7.88	5.3	1.332	84.5	3.1	2.0	0.7
570	8/14/2014 10:16:11	18.63	52.29	34.49	6.50	7.89	5.5	1.434	85.5	2.7	1.8	0.6
571	8/14/2014 10:31:12	18.54	52.22	34.44	6.53	7.89	5.8	1.524	85.6	2.8	1.8	0.7
572	8/14/2014 10:46:11	18.46	52.21	34.44	6.63	7.89	6.6	1.633	86.8	3.3	2.1	0.8
573	8/14/2014 11:01:11	18.08	52.09	34.35	6.83	7.91	6.1	1.736	88.7	3.1	2.0	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
574	8/14/2014 11:16:12	17.98	52.08	34.34	6.88	7.92	5.8	1.839	89.3	3.2	2.1	0.8
575	8/14/2014 11:31:12	18.06	52.15	34.39	6.86	7.91	6.1	1.942	89.2	3.4	2.2	0.8
576	8/14/2014 11:46:11	18.08	52.10	34.35	6.88	7.91	6.4	2.047	89.4	2.9	1.9	0.7
577	8/14/2014 12:01:11	17.86	51.92	34.22	7.02	7.92	6.2	2.143	90.7	3.1	2.0	0.7
578	8/14/2014 12:16:11	17.67	52.01	34.28	7.11	7.93	7.9	2.249	91.7	3.1	2.0	0.7
579	8/14/2014 12:31:11	17.46	51.92	34.22	7.23	7.94	8.4	2.356	92.8	4.3	2.8	1.0
580	8/14/2014 12:46:11	17.20	51.80	34.13	7.37	7.95	10.6	2.461	94.1	3.5	2.3	0.8
581	8/14/2014 13:01:11	17.03	51.73	34.07	7.51	7.96	11.1	2.557	95.5	4.5	2.9	1.1
582	8/14/2014 13:16:12	16.78	51.83	34.14	7.69	7.98	13.4	2.665	97.4	4.4	2.9	1.0
583	8/14/2014 13:31:12	16.26	51.56	33.93	8.11	8.02	13.3	2.775	101.5	5.2	3.4	1.2
584	8/14/2014 13:46:11	15.66	51.54	33.91	8.50	8.04	13.2	2.886	105.1	7.6	4.9	1.8
585	8/14/2014 14:01:12	15.17	51.55	33.90	8.78	8.07	11.0	2.989	107.5	8.7	5.7	2.0
586	8/14/2014 14:16:11	14.92	51.47	33.84	8.97	8.08	11.5	3.097	109.3	10.4	6.8	2.4
587	8/14/2014 14:31:11	14.66	51.50	33.85	9.06	8.09	9.7	3.201	109.8	8.9	5.8	2.1
588	8/14/2014 14:46:11	14.43	51.36	33.74	9.06	8.09	9.3	3.292	109.2	8.9	5.8	2.1
589	8/14/2014 15:01:11	14.11	51.46	33.80	9.21	8.11	5.0	3.369	110.4	9.9	6.4	2.3
590	8/14/2014 15:16:12	13.96	51.41	33.76	9.33	8.12	3.4	3.449	111.5	9.8	6.4	2.3
591	8/14/2014 15:31:11	13.73	51.42	33.77	9.57	8.14	3.1	3.510	113.8	10.2	6.6	2.4
592	8/14/2014 15:46:11	13.68	51.43	33.77	9.55	8.14	2.8	3.530	113.5	7.7	5.0	1.8
593	8/14/2014 16:01:11	14.51	51.18	33.61	9.29	8.11	3.8	3.540	112.1	8.0	5.2	1.9
594	8/14/2014 16:16:11	13.97	51.33	33.71	9.40	8.12	3.9	3.536	112.3	8.2	5.3	1.9
595	8/14/2014 16:31:11	14.00	51.26	33.66	9.40	8.13	3.9	3.484	112.3	7.3	4.7	1.7
596	8/14/2014 16:46:11	14.35	51.34	33.73	9.37	8.13	5.0	3.405	112.8	7.5	4.9	1.8
597	8/14/2014 17:01:11	14.40	51.44	33.80	9.38	8.13	8.1	3.318	113.1	8.9	5.8	2.1
598	8/14/2014 17:16:11	14.68	51.22	33.65	9.49	8.14	7.9	3.215	115.0	7.8	5.1	1.8
599	8/14/2014 17:31:11	15.28	51.35	33.76	9.22	8.12	7.3	3.107	113.1	6.1	4.0	1.4
600	8/14/2014 17:46:12	16.15	51.61	33.97	8.86	8.09	10.8	2.989	110.7	6.4	4.2	1.5
601	8/14/2014 18:01:12	16.09	51.56	33.93	8.83	8.08	9.0	2.862	110.1	6.7	4.4	1.6
602	8/14/2014 18:16:12	16.33	51.62	33.98	8.72	8.08	9.0	2.754	109.3	6.0	3.9	1.4
603	8/14/2014 18:31:11	17.01	51.58	33.96	8.47	8.06	10.1	2.655	107.6	5.0	3.3	1.2
604	8/14/2014 18:46:11	17.38	51.77	34.10	8.28	8.04	11.5	2.523	106.0	5.0	3.3	1.2
605	8/14/2014 19:01:11	17.18	51.68	34.03	8.29	8.04	11.4	2.412	105.7	5.4	3.5	1.3
606	8/14/2014 19:16:11	16.88	51.54	33.93	8.35	8.06	13.7	2.297	105.8	5.5	3.6	1.3
607	8/14/2014 19:31:11	16.76	51.60	33.97	8.35	8.06	17.1	2.181	105.5	5.7	3.7	1.3
608	8/14/2014 19:46:12	17.01	51.79	34.12	8.22	8.04	20.2	2.056	104.5	5.9	3.8	1.4
609	8/14/2014 20:01:12	17.43	51.78	34.11	8.04	8.03	20.5	1.927	103.1	5.0	3.3	1.2
610	8/14/2014 20:16:11	17.01	51.80	34.12	7.93	8.03	15.7	1.823	100.8	5.1	3.3	1.2
611	8/14/2014 20:31:11	17.85	51.96	34.25	7.74	8.00	20.7	1.715	100.1	4.7	3.1	1.1
612	8/14/2014 20:46:11	17.89	51.89	34.19	7.60	7.99	19.1	1.614	98.3	5.2	3.4	1.2
613	8/14/2014 21:01:11	17.91	51.88	34.19	7.48	7.98	17.5	1.519	96.7	4.2	2.7	1.0
614	8/14/2014 21:16:11	17.84	51.93	34.23	7.39	7.97	13.8	1.452	95.5	4.6	3.0	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
615	8/14/2014 21:31:11	18.44	51.90	34.21	7.29	7.96	14.0	1.402	95.3	3.9	2.5	0.9
616	8/14/2014 21:46:11	18.50	51.97	34.26	7.28	7.96	12.0	1.347	95.3	4.2	2.7	1.0
617	8/14/2014 22:01:11	18.94	51.93	34.23	7.41	7.96	10.6	1.351	97.8	4.6	3.0	1.1
618	8/14/2014 22:16:11	18.48	51.90	34.20	7.14	7.95	7.0	1.373	93.4	4.2	2.7	1.0
619	8/14/2014 22:31:11	19.46	51.86	34.18	7.52	7.99	8.9	1.402	100.1	4.2	2.7	1.0
620	8/14/2014 22:46:11	19.45	52.19	34.42	7.61	7.99	10.3	1.466	101.5	4.1	2.7	1.0
621	8/14/2014 23:01:11	19.65	52.19	34.42	7.73	8.00	10.9	1.550	103.5	3.9	2.5	0.9
622	8/14/2014 23:16:11	19.31	52.15	34.39	7.65	7.99	10.9	1.640	101.8	4.6	3.0	1.1
623	8/14/2014 23:31:11	19.79	52.20	34.43	7.27	7.95	12.4	1.729	97.6	4.6	3.0	1.1
624	8/14/2014 23:46:11	19.50	52.11	34.36	7.38	7.96	13.9	1.825	98.5	5.0	3.3	1.2
625	8/15/2014 0:01:11	19.16	51.86	34.18	7.45	7.96	11.7	1.918	98.7	4.4	2.9	1.0
626	8/15/2014 0:16:11	19.00	52.04	34.31	7.47	7.97	10.4	2.008	98.7	4.4	2.9	1.0
627	8/15/2014 0:31:11	18.64	51.86	34.17	7.57	7.97	11.2	2.079	99.3	4.6	3.0	1.1
628	8/15/2014 0:46:11	18.38	51.86	34.18	7.55	7.97	10.9	2.164	98.6	4.8	3.1	1.1
629	8/15/2014 1:01:11	18.16	51.83	34.15	7.58	7.97	9.4	2.261	98.5	5.1	3.3	1.2
630	8/15/2014 1:16:11	17.96	51.73	34.08	7.63	7.97	9.9	2.335	98.7	4.6	3.0	1.1
631	8/15/2014 1:31:11	17.68	51.75	34.09	7.67	7.98	10.1	2.407	98.8	4.7	3.1	1.1
632	8/15/2014 1:46:11	17.43	51.77	34.10	7.77	7.99	9.7	2.495	99.6	4.3	2.8	1.0
633	8/15/2014 2:01:11	17.26	51.67	34.03	7.88	8.00	9.7	2.583	100.6	4.9	3.2	1.2
634	8/15/2014 2:16:11	17.13	51.64	34.01	7.89	8.00	11.9	2.657	100.5	4.5	2.9	1.1
635	8/15/2014 2:31:12	16.80	51.66	34.02	8.02	8.01	10.3	2.727	101.4	5.7	3.7	1.3
636	8/15/2014 2:46:12	16.44	51.67	34.02	8.12	8.02	9.5	2.811	102.0	5.5	3.6	1.3
637	8/15/2014 3:01:11	16.08	51.51	33.90	8.30	8.04	8.2	2.887	103.5	5.7	3.7	1.3
638	8/15/2014 3:16:11	15.60	51.40	33.80	8.42	8.05	6.5	2.949	104.0	7.1	4.6	1.7
639	8/15/2014 3:31:11	15.35	51.58	33.93	8.44	8.05	4.4	3.013	103.8	5.7	3.7	1.3
640	8/15/2014 3:46:12	15.17	51.61	33.95	8.44	8.06	3.9	3.065	103.4	5.6	3.6	1.3
641	8/15/2014 4:01:12	15.12	51.54	33.89	8.37	8.05	4.2	3.102	102.5	5.3	3.4	1.2
642	8/15/2014 4:16:11	15.39	51.39	33.79	8.03	8.02	5.0	3.117	98.7	5.5	3.6	1.3
643	8/15/2014 4:31:11	15.43	51.65	33.98	7.97	8.02	4.2	3.111	98.2	4.4	2.9	1.0
644	8/15/2014 4:46:11	15.19	51.50	33.86	8.28	8.04	4.0	3.097	101.5	4.6	3.0	1.1
645	8/15/2014 5:01:11	15.43	51.39	33.79	8.12	8.03	5.5	3.032	99.9	4.5	2.9	1.1
646	8/15/2014 5:16:11	15.85	51.50	33.88	7.90	8.01	6.5	2.966	98.0	4.8	3.1	1.1
647	8/15/2014 5:31:11	16.12	51.62	33.97	7.77	8.00	11.3	2.883	97.0	4.3	2.8	1.0
648	8/15/2014 5:46:11	16.09	51.51	33.89	7.83	8.01	10.4	2.781	97.7	4.5	2.9	1.1
649	8/15/2014 6:01:11	16.47	51.55	33.93	7.66	7.99	12.4	2.690	96.3	3.7	2.4	0.9
650	8/15/2014 6:16:12	16.94	51.76	34.09	7.37	7.97	12.5	2.590	93.6	5.1	3.3	1.2
651	8/15/2014 6:31:11	17.23	51.68	34.03	7.17	7.95	10.6	2.494	91.5	3.6	2.3	0.8
652	8/15/2014 6:46:11	17.60	51.81	34.14	6.82	7.92	9.8	2.392	87.7	3.1	2.0	0.7
653	8/15/2014 7:01:11	17.93	51.91	34.21	6.44	7.89	11.0	2.299	83.4	3.4	2.2	0.8
654	8/15/2014 7:16:11	18.00	51.97	34.26	6.34	7.88	10.7	2.206	82.2	2.9	1.9	0.7
655	8/15/2014 7:31:11	17.97	51.85	34.17	6.29	7.87	10.6	2.097	81.4	3.3	2.1	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
656	8/15/2014 7:46:11	18.05	51.97	34.26	6.32	7.87	9.0	1.988	82.1	2.9	1.9	0.7
657	8/15/2014 8:01:11	17.88	51.84	34.15	6.51	7.89	10.8	1.902	84.2	3.2	2.1	0.7
658	8/15/2014 8:16:11	17.75	51.95	34.24	6.54	7.89	9.4	1.804	84.4	2.9	1.9	0.7
659	8/15/2014 8:31:11	17.80	51.83	34.15	6.61	7.90	8.9	1.700	85.3	2.8	1.8	0.7
660	8/15/2014 8:46:11	17.76	51.86	34.17	6.59	7.89	7.3	1.614	85.0	2.8	1.8	0.7
661	8/15/2014 9:01:11	17.81	51.94	34.23	6.56	7.89	6.8	1.549	84.7	3.1	2.0	0.7
662	8/15/2014 9:16:11	18.03	51.96	34.25	6.49	7.89	6.6	1.502	84.2	2.7	1.8	0.6
663	8/15/2014 9:31:12	18.21	52.00	34.28	6.41	7.88	6.6	1.451	83.5	2.8	1.8	0.7
664	8/15/2014 9:46:11	18.38	51.83	34.15	6.39	7.88	5.3	1.433	83.4	2.8	1.8	0.7
665	8/15/2014 10:01:11	18.15	52.01	34.29	6.26	7.88	5.2	1.462	81.5	2.8	1.8	0.6
666	8/15/2014 10:16:12	18.75	52.10	34.36	6.13	7.87	4.7	1.463	80.7	3.2	2.1	0.7
667	8/15/2014 10:31:11	18.66	52.03	34.30	6.26	7.88	5.3	1.504	82.2	3.2	2.1	0.8
668	8/15/2014 10:46:11	18.86	52.08	34.34	6.19	7.87	5.9	1.575	81.6	3.4	2.2	0.8
669	8/15/2014 11:01:11	18.75	52.07	34.33	6.32	7.88	6.2	1.655	83.2	3.6	2.3	0.8
670	8/15/2014 11:16:11	18.70	52.05	34.32	6.39	7.89	6.8	1.740	84.0	3.6	2.3	0.8
671	8/15/2014 11:31:11	18.68	51.84	34.16	6.49	7.89	7.2	1.822	85.2	3.4	2.2	0.8
672	8/15/2014 11:46:11	18.44	51.92	34.22	6.62	7.90	7.4	1.918	86.6	3.5	2.3	0.8
673	8/15/2014 12:01:11	18.29	52.02	34.29	6.68	7.90	7.5	2.008	87.1	3.3	2.1	0.8
674	8/15/2014 12:16:11	18.33	51.83	34.16	6.71	7.90	7.5	2.102	87.6	3.5	2.3	0.8
675	8/15/2014 12:31:11	18.21	51.75	34.09	6.74	7.91	7.5	2.181	87.7	3.2	2.1	0.8
676	8/15/2014 12:46:11	18.01	51.85	34.17	6.91	7.92	7.9	2.278	89.6	3.5	2.3	0.8
677	8/15/2014 13:01:11	17.82	51.84	34.16	7.06	7.93	8.9	2.377	91.2	3.4	2.2	0.8
678	8/15/2014 13:16:11	17.64	51.83	34.15	7.20	7.95	10.1	2.459	92.7	3.9	2.5	0.9
679	8/15/2014 13:31:11	17.38	51.77	34.10	7.33	7.96	11.4	2.555	93.9	3.6	2.3	0.8
680	8/15/2014 13:46:11	17.11	51.80	34.12	7.47	7.97	11.2	2.648	95.2	3.9	2.5	0.9
681	8/15/2014 14:01:11	16.96	51.69	34.04	7.56	7.98	10.7	2.747	96.0	4.1	2.7	1.0
682	8/15/2014 14:16:11	16.54	51.70	34.04	7.79	7.99	14.2	2.848	98.1	4.6	3.0	1.1
683	8/15/2014 14:31:11	16.03	51.54	33.91	8.01	8.01	14.3	2.937	99.8	6.2	4.0	1.5
684	8/15/2014 14:46:11	15.46	51.64	33.97	8.20	8.03	10.9	3.040	101.1	6.2	4.0	1.5
685	8/15/2014 15:01:11	14.99	51.49	33.85	8.39	8.04	10.3	3.139	102.3	7.3	4.7	1.7
686	8/15/2014 15:16:11	14.78	51.49	33.85	8.45	8.04	7.6	3.224	102.7	7.5	4.9	1.8
687	8/15/2014 15:31:12	14.64	51.50	33.85	8.46	8.05	5.8	3.303	102.5	7.9	5.1	1.9
688	8/15/2014 15:46:11	14.44	51.51	33.86	8.44	8.05	4.4	3.383	101.9	7.0	4.6	1.7
689	8/15/2014 16:01:11	14.19	51.50	33.84	8.36	8.04	3.0	3.441	100.4	6.3	4.1	1.5
690	8/15/2014 16:16:11	14.01	51.48	33.82	8.23	8.03	2.9	3.477	98.5	5.5	3.6	1.3
691	8/15/2014 16:31:11	13.90	51.54	33.86	8.09	8.02	2.8	3.509	96.5	7.1	4.6	1.7
692	8/15/2014 16:46:12	14.73	51.39	33.77	8.17	8.03	3.9	3.523	99.1	4.4	2.9	1.0
693	8/15/2014 17:01:11	14.27	51.41	33.77	7.98	8.01	2.9	3.501	95.9	5.6	3.6	1.3
694	8/15/2014 17:16:11	14.07	51.35	33.72	8.13	8.02	3.4	3.460	97.3	5.3	3.4	1.3
695	8/15/2014 17:31:11	14.65	51.49	33.85	8.15	8.03	5.0	3.386	98.7	5.6	3.6	1.3
696	8/15/2014 17:46:11	15.03	51.44	33.82	8.45	8.05	6.1	3.305	103.1	5.5	3.6	1.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
697	8/15/2014 18:01:11	15.10	51.48	33.85	8.61	8.06	8.6	3.217	105.2	6.1	4.0	1.4
698	8/15/2014 18:16:12	16.27	51.60	33.96	8.32	8.05	6.8	3.102	104.2	4.1	2.7	1.0
699	8/15/2014 18:31:11	16.95	51.54	33.93	8.31	8.04	8.4	2.999	105.4	4.2	2.7	1.0
700	8/15/2014 18:46:11	16.82	51.71	34.05	8.31	8.04	8.9	2.899	105.2	4.2	2.7	1.0
701	8/15/2014 19:01:12	16.81	51.63	33.99	8.22	8.04	8.1	2.782	104.0	4.3	2.8	1.0
702	8/15/2014 19:16:11	16.94	51.57	33.95	8.18	8.03	7.7	2.674	103.8	4.7	3.1	1.1
703	8/15/2014 19:31:11	17.59	51.64	34.01	7.91	8.01	9.1	2.562	101.6	4.0	2.6	0.9
704	8/15/2014 19:46:11	17.90	51.74	34.08	7.81	8.00	8.5	2.459	100.9	3.7	2.4	0.9
705	8/15/2014 20:01:11	18.12	51.82	34.15	7.69	7.99	8.4	2.345	99.8	3.6	2.3	0.8
706	8/15/2014 20:16:11	18.38	51.73	34.08	7.54	7.98	10.8	2.234	98.3	3.1	2.0	0.7
707	8/15/2014 20:31:11	18.00	51.76	34.10	7.64	7.99	12.5	2.121	99.0	4.1	2.7	1.0
708	8/15/2014 20:46:11	17.90	51.68	34.04	7.62	7.99	9.0	2.011	98.5	4.2	2.7	1.0
709	8/15/2014 21:01:11	17.87	51.88	34.18	7.59	7.98	9.3	1.898	98.1	3.6	2.3	0.8
710	8/15/2014 21:16:12	17.92	51.91	34.21	7.49	7.97	8.4	1.790	96.9	3.9	2.5	0.9
711	8/15/2014 21:31:11	18.11	51.80	34.13	7.41	7.97	9.1	1.700	96.2	3.5	2.3	0.8
712	8/15/2014 21:46:11	18.43	51.87	34.18	7.31	7.96	8.6	1.607	95.5	4.2	2.7	1.0
713	8/15/2014 22:01:11	18.39	51.93	34.23	7.22	7.95	8.6	1.525	94.4	3.6	2.3	0.8
714	8/15/2014 22:16:11	18.69	51.93	34.23	7.16	7.95	8.3	1.459	94.0	3.6	2.3	0.9
715	8/15/2014 22:31:11	19.00	51.96	34.25	7.12	7.94	6.7	1.422	94.1	3.4	2.2	0.8
716	8/15/2014 22:46:11	19.09	51.90	34.20	7.10	7.94	6.3	1.391	94.0	3.5	2.3	0.8
717	8/15/2014 23:01:11	19.42	52.12	34.37	7.10	7.94	5.3	1.377	94.6	3.5	2.3	0.8
718	8/15/2014 23:16:11	19.69	52.08	34.34	7.11	7.95	4.8	1.402	95.2	4.3	2.8	1.0
719	8/15/2014 23:31:11	19.80	52.11	34.36	7.53	7.98	5.0	1.437	101.1	3.7	2.4	0.9
720	8/15/2014 23:46:11	19.87	52.17	34.41	7.60	7.99	5.7	1.509	102.2	3.9	2.5	0.9
721	8/16/2014 0:01:11	19.89	52.09	34.35	7.63	7.99	5.3	1.554	102.6	3.8	2.5	0.9
722	8/16/2014 0:16:11	19.93	52.16	34.40	7.47	7.97	6.2	1.642	100.5	3.8	2.5	0.9
723	8/16/2014 0:31:11	20.36	51.99	34.27	7.09	7.94	7.9	1.736	96.0	5.0	3.3	1.2
724	8/16/2014 0:46:11	20.02	52.25	34.46	7.22	7.95	7.0	1.806	97.3	4.5	2.9	1.1
725	8/16/2014 1:01:11	19.67	52.13	34.38	7.28	7.95	6.4	1.893	97.5	4.2	2.7	1.0
726	8/16/2014 1:16:11	19.44	52.08	34.34	7.29	7.95	5.9	1.961	97.2	3.9	2.5	0.9
727	8/16/2014 1:31:11	19.31	52.09	34.35	7.30	7.95	5.7	2.042	97.0	4.0	2.6	0.9
728	8/16/2014 1:46:11	18.88	52.06	34.33	7.33	7.95	6.1	2.115	96.6	3.8	2.5	0.9
729	8/16/2014 2:01:11	18.49	51.92	34.22	7.33	7.95	5.6	2.181	95.9	3.9	2.5	0.9
730	8/16/2014 2:16:11	18.36	51.83	34.16	7.34	7.95	6.2	2.260	95.8	3.8	2.5	0.9
731	8/16/2014 2:31:11	18.22	51.84	34.16	7.35	7.95	5.4	2.331	95.6	4.2	2.7	1.0
732	8/16/2014 2:46:11	18.00	51.75	34.10	7.41	7.95	6.1	2.401	96.0	3.8	2.5	0.9
733	8/16/2014 3:01:11	17.77	51.86	34.17	7.45	7.96	5.9	2.472	96.1	3.7	2.4	0.9
734	8/16/2014 3:16:11	17.56	51.76	34.10	7.51	7.97	5.8	2.541	96.5	4.1	2.7	1.0
735	8/16/2014 3:31:11	17.47	51.72	34.07	7.53	7.97	5.4	2.606	96.5	4.2	2.7	1.0
736	8/16/2014 3:46:11	17.38	51.75	34.09	7.52	7.97	5.9	2.679	96.3	3.5	2.3	0.8
737	8/16/2014 4:01:11	17.08	51.71	34.05	7.58	7.97	5.7	2.740	96.5	4.0	2.6	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
738	8/16/2014 4:16:11	16.81	51.62	33.99	7.58	7.97	4.9	2.797	96.0	3.8	2.5	0.9
739	8/16/2014 4:31:11	16.60	51.60	33.96	7.60	7.98	4.2	2.857	95.8	3.8	2.5	0.9
740	8/16/2014 4:46:11	16.41	51.62	33.98	7.55	7.98	3.7	2.896	94.8	3.5	2.3	0.8
741	8/16/2014 5:01:11	16.18	51.57	33.94	7.50	7.97	3.1	2.933	93.7	3.1	2.0	0.7
742	8/16/2014 5:16:11	17.10	51.62	33.99	7.10	7.94	4.8	2.946	90.3	2.9	1.9	0.7
743	8/16/2014 5:31:11	16.73	51.72	34.05	7.17	7.94	4.5	2.953	90.7	2.8	1.8	0.7
744	8/16/2014 5:46:11	16.02	51.48	33.87	7.36	7.96	3.0	2.932	91.7	3.2	2.1	0.8
745	8/16/2014 6:01:12	16.61	51.71	34.05	6.96	7.93	4.2	2.895	87.8	3.1	2.0	0.7
746	8/16/2014 6:16:12	17.02	51.73	34.07	6.75	7.92	7.2	2.843	85.8	3.6	2.3	0.8
747	8/16/2014 6:31:12	17.19	51.70	34.05	6.66	7.90	10.4	2.768	85.0	3.5	2.3	0.8
748	8/16/2014 6:46:11	17.16	51.73	34.07	6.89	7.92	9.7	2.704	87.9	3.0	2.0	0.7
749	8/16/2014 7:01:11	17.05	51.68	34.03	6.99	7.93	7.9	2.616	88.8	2.9	1.9	0.7
750	8/16/2014 7:16:11	17.33	51.72	34.06	6.89	7.92	7.4	2.532	88.1	2.9	1.9	0.7
751	8/16/2014 7:31:11	17.64	51.80	34.13	6.77	7.91	7.6	2.457	87.1	2.8	1.8	0.7
752	8/16/2014 7:46:12	17.91	51.77	34.11	6.53	7.89	6.3	2.378	84.4	2.9	1.9	0.7
753	8/16/2014 8:01:11	18.10	51.87	34.18	6.35	7.88	6.8	2.291	82.4	2.6	1.7	0.6
754	8/16/2014 8:16:11	17.90	51.88	34.19	6.33	7.87	6.8	2.224	81.9	3.1	2.0	0.7
755	8/16/2014 8:31:11	17.96	51.86	34.17	6.38	7.87	6.6	2.138	82.6	3.2	2.1	0.7
756	8/16/2014 8:46:11	18.07	51.84	34.16	6.25	7.86	6.5	2.060	81.2	2.6	1.7	0.6
757	8/16/2014 9:01:11	18.29	51.79	34.13	6.34	7.87	6.6	1.994	82.7	3.0	2.0	0.7
758	8/16/2014 9:16:11	18.40	52.00	34.28	6.35	7.87	6.7	1.918	83.0	2.5	1.6	0.6
759	8/16/2014 9:31:11	18.15	51.86	34.18	6.41	7.88	6.1	1.848	83.3	2.8	1.8	0.7
760	8/16/2014 9:46:11	18.35	51.91	34.21	6.35	7.87	6.0	1.798	82.9	3.1	2.0	0.7
761	8/16/2014 10:01:11	18.43	51.76	34.10	6.38	7.87	5.4	1.749	83.3	3.1	2.0	0.7
762	8/16/2014 10:16:11	18.52	51.88	34.19	6.36	7.87	4.7	1.734	83.3	3.0	2.0	0.7
763	8/16/2014 10:31:11	18.74	51.93	34.23	6.26	7.86	4.0	1.716	82.3	2.8	1.8	0.7
764	8/16/2014 10:46:11	18.85	51.98	34.27	5.94	7.85	3.1	1.707	78.3	2.9	1.9	0.7
765	8/16/2014 11:01:11	19.01	51.95	34.24	6.25	7.88	4.4	1.719	82.6	3.3	2.1	0.8
766	8/16/2014 11:16:11	19.04	51.96	34.25	6.36	7.88	3.9	1.759	84.0	4.2	2.7	1.0
767	8/16/2014 11:31:11	19.08	52.09	34.35	6.37	7.88	4.3	1.794	84.4	3.5	2.3	0.8
768	8/16/2014 11:46:11	19.08	52.07	34.33	6.51	7.89	4.5	1.854	86.2	4.2	2.7	1.0
769	8/16/2014 12:01:11	18.95	51.94	34.24	6.55	7.89	4.5	1.923	86.5	3.9	2.5	0.9
770	8/16/2014 12:16:11	18.82	51.96	34.25	6.56	7.89	5.0	1.999	86.4	3.8	2.5	0.9
771	8/16/2014 12:31:11	18.70	51.96	34.25	6.62	7.89	5.2	2.073	86.9	3.2	2.1	0.8
772	8/16/2014 12:46:11	18.54	51.85	34.17	6.68	7.90	5.4	2.144	87.4	3.4	2.2	0.8
773	8/16/2014 13:01:11	18.46	51.85	34.17	6.69	7.90	5.4	2.230	87.5	3.2	2.1	0.7
774	8/16/2014 13:16:11	18.33	51.87	34.18	6.71	7.90	5.5	2.307	87.5	3.1	2.0	0.7
775	8/16/2014 13:31:11	18.11	51.62	34.00	6.88	7.91	5.9	2.381	89.3	2.7	1.8	0.6
776	8/16/2014 13:46:11	17.83	51.87	34.18	6.98	7.92	6.1	2.465	90.2	2.7	1.8	0.6
777	8/16/2014 14:01:11	17.69	51.66	34.02	7.06	7.93	6.4	2.543	90.9	3.4	2.2	0.8
778	8/16/2014 14:16:12	17.58	51.78	34.11	7.15	7.94	6.5	2.628	91.9	3.1	2.0	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
779	8/16/2014 14:31:11	17.32	51.68	34.03	7.22	7.94	6.7	2.711	92.4	3.2	2.1	0.8
780	8/16/2014 14:46:12	16.99	51.73	34.07	7.25	7.95	7.0	2.795	92.1	3.3	2.1	0.8
781	8/16/2014 15:01:12	16.78	51.63	33.99	7.23	7.95	8.3	2.886	91.5	3.4	2.2	0.8
782	8/16/2014 15:16:11	16.08	51.57	33.94	7.36	7.95	6.8	2.972	91.8	3.5	2.3	0.8
783	8/16/2014 15:31:11	15.67	51.59	33.94	7.38	7.95	6.1	3.060	91.3	3.7	2.4	0.9
784	8/16/2014 15:46:11	15.31	51.56	33.92	7.38	7.95	5.1	3.143	90.7	3.5	2.3	0.8
785	8/16/2014 16:01:11	14.75	51.50	33.85	7.35	7.95	3.9	3.225	89.3	3.2	2.1	0.8
786	8/16/2014 16:16:11	14.46	51.44	33.80	7.33	7.95	2.6	3.292	88.5	3.3	2.1	0.8
787	8/16/2014 16:31:11	14.34	51.43	33.79	7.25	7.94	2.4	3.349	87.3	2.8	1.8	0.6
788	8/16/2014 16:46:12	14.17	51.45	33.80	7.17	7.94	1.7	3.404	86.0	2.7	1.8	0.6
789	8/16/2014 17:01:11	14.08	51.42	33.78	7.10	7.93	1.8	3.440	85.1	2.2	1.4	0.5
790	8/16/2014 17:16:11	14.07	51.38	33.75	7.00	7.92	1.2	3.461	83.8	6.9	4.5	1.6
791	8/16/2014 17:31:12	14.54	51.47	33.83	7.06	7.93	3.1	3.469	85.4	3.8	2.5	0.9
792	8/16/2014 17:46:12	14.23	51.37	33.75	6.88	7.92	1.8	3.457	82.7	2.4	1.6	0.6
793	8/16/2014 18:01:11	14.18	51.37	33.74	6.93	7.92	2.2	3.426	83.1	2.3	1.5	0.5
794	8/16/2014 18:16:12	14.68	51.47	33.83	7.00	7.93	2.8	3.366	84.9	2.7	1.8	0.6
795	8/16/2014 18:31:11	14.85	51.47	33.84	7.15	7.94	3.3	3.293	87.0	2.5	1.6	0.6
796	8/16/2014 18:46:11	14.97	51.41	33.80	7.20	7.95	4.3	3.212	87.8	2.9	1.9	0.7
797	8/16/2014 19:01:11	15.59	51.40	33.80	7.23	7.95	5.1	3.131	89.3	3.0	2.0	0.7
798	8/16/2014 19:16:11	16.67	51.62	33.98	7.34	7.96	6.8	3.032	92.7	3.0	2.0	0.7
799	8/16/2014 19:31:11	16.62	51.56	33.94	7.30	7.96	6.3	2.935	92.0	2.9	1.9	0.7
800	8/16/2014 19:46:11	16.74	51.60	33.97	7.26	7.96	5.9	2.839	91.8	2.6	1.7	0.6
801	8/16/2014 20:01:11	16.91	51.51	33.90	7.26	7.96	5.8	2.744	92.1	2.5	1.6	0.6
802	8/16/2014 20:16:11	17.15	51.68	34.03	7.23	7.95	5.7	2.653	92.1	3.5	2.3	0.8
803	8/16/2014 20:31:11	17.53	51.66	34.02	7.13	7.95	7.0	2.550	91.5	3.6	2.3	0.8
804	8/16/2014 20:46:11	17.83	51.80	34.13	7.02	7.94	6.8	2.447	90.6	3.4	2.2	0.8
805	8/16/2014 21:01:11	18.19	51.66	34.03	6.96	7.93	7.6	2.350	90.5	3.5	2.3	0.8
806	8/16/2014 21:16:11	17.98	51.77	34.11	6.94	7.93	7.0	2.257	89.9	3.3	2.1	0.8
807	8/16/2014 21:31:11	17.44	51.74	34.08	6.90	7.92	9.0	2.143	88.4	3.5	2.3	0.8
808	8/16/2014 21:46:11	17.60	51.76	34.10	6.94	7.92	7.3	2.042	89.2	3.6	2.3	0.8
809	8/16/2014 22:01:11	17.60	51.73	34.07	6.80	7.92	8.8	1.940	87.4	3.7	2.4	0.9
810	8/16/2014 22:16:12	17.74	51.82	34.14	6.81	7.92	8.8	1.842	87.8	3.8	2.5	0.9
811	8/16/2014 22:31:11	17.96	51.71	34.07	6.76	7.91	8.4	1.733	87.5	3.6	2.3	0.9
812	8/16/2014 22:46:11	18.35	51.76	34.10	6.80	7.92	8.0	1.650	88.8	3.6	2.3	0.8
813	8/16/2014 23:01:11	18.45	51.96	34.25	6.75	7.91	6.8	1.586	88.3	3.7	2.4	0.9
814	8/16/2014 23:16:11	18.63	51.81	34.14	6.71	7.91	6.7	1.508	87.9	3.4	2.2	0.8
815	8/16/2014 23:31:11	18.80	51.95	34.24	6.73	7.91	5.8	1.462	88.6	3.6	2.3	0.9
816	8/16/2014 23:46:11	19.38	52.00	34.28	6.87	7.92	5.1	1.448	91.4	3.7	2.4	0.9
817	8/17/2014 0:01:11	19.41	52.05	34.32	6.65	7.91	3.4	1.432	88.5	3.7	2.4	0.9
818	8/17/2014 0:16:11	19.57	52.13	34.38	6.47	7.91	3.9	1.436	86.5	4.2	2.7	1.0
819	8/17/2014 0:31:11	19.63	52.14	34.39	7.12	7.95	4.0	1.479	95.3	3.9	2.5	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
820	8/17/2014 0:46:11	19.60	52.10	34.36	7.12	7.95	4.7	1.517	95.2	3.6	2.3	0.8
821	8/17/2014 1:01:11	19.63	52.06	34.33	7.16	7.95	4.7	1.570	95.7	3.8	2.5	0.9
822	8/17/2014 1:16:11	19.53	52.08	34.34	7.10	7.94	4.5	1.628	94.8	3.7	2.4	0.9
823	8/17/2014 1:31:11	19.57	51.95	34.24	6.95	7.93	5.3	1.711	92.8	4.2	2.7	1.0
824	8/17/2014 1:46:11	19.84	52.19	34.42	6.64	7.90	6.8	1.781	89.3	5.4	3.5	1.3
825	8/17/2014 2:01:11	19.62	52.10	34.35	6.72	7.91	6.1	1.842	89.9	5.0	3.3	1.2
826	8/17/2014 2:16:11	19.38	52.10	34.36	6.76	7.91	5.7	1.919	90.0	4.9	3.2	1.1
827	8/17/2014 2:31:11	19.21	52.02	34.30	6.78	7.91	5.1	1.983	90.0	4.2	2.7	1.0
828	8/17/2014 2:46:11	19.04	52.08	34.34	6.78	7.91	5.2	2.054	89.8	4.0	2.6	0.9
829	8/17/2014 3:01:11	18.68	52.04	34.31	6.79	7.91	5.0	2.110	89.2	3.9	2.5	0.9
830	8/17/2014 3:16:11	18.37	51.76	34.10	6.78	7.91	4.7	2.183	88.5	3.1	2.0	0.7
831	8/17/2014 3:31:11	18.18	51.88	34.19	6.77	7.90	4.7	2.259	88.1	3.5	2.3	0.8
832	8/17/2014 3:46:11	18.06	51.78	34.11	6.75	7.90	4.4	2.315	87.6	3.7	2.4	0.9
833	8/17/2014 4:01:11	17.93	51.90	34.20	6.77	7.90	4.4	2.384	87.7	3.6	2.3	0.8
834	8/17/2014 4:16:12	17.74	51.90	34.20	6.78	7.91	4.7	2.450	87.5	3.6	2.3	0.9
835	8/17/2014 4:31:11	17.54	51.81	34.14	6.81	7.91	4.3	2.511	87.5	3.3	2.1	0.8
836	8/17/2014 4:46:11	17.37	51.80	34.12	6.83	7.91	4.5	2.571	87.4	3.1	2.0	0.7
837	8/17/2014 5:01:11	17.26	51.63	34.00	6.80	7.91	4.0	2.615	86.8	2.8	1.8	0.7
838	8/17/2014 5:16:11	17.15	51.69	34.04	6.79	7.91	3.7	2.678	86.5	2.7	1.8	0.6
839	8/17/2014 5:31:11	16.95	51.58	33.96	6.78	7.91	3.6	2.722	86.1	3.2	2.1	0.8
840	8/17/2014 5:46:12	16.73	51.75	34.08	6.72	7.90	3.2	2.757	85.0	2.6	1.7	0.6
841	8/17/2014 6:01:12	16.61	51.74	34.07	6.66	7.90	3.4	2.798	84.0	2.7	1.8	0.6
842	8/17/2014 6:16:12	16.50	51.61	33.97	6.64	7.90	2.8	2.818	83.5	2.6	1.7	0.6
843	8/17/2014 6:31:12	17.10	51.67	34.03	6.39	7.88	5.4	2.831	81.4	3.0	2.0	0.7
844	8/17/2014 6:46:11	16.77	51.78	34.10	6.41	7.88	3.6	2.821	81.2	2.6	1.7	0.6
845	8/17/2014 7:01:12	16.63	51.71	34.05	6.43	7.88	3.2	2.808	81.1	1.9	1.2	0.5
846	8/17/2014 7:16:12	16.88	51.80	34.12	6.19	7.86	4.1	2.783	78.5	2.7	1.8	0.6
847	8/17/2014 7:31:12	17.45	51.91	34.20	5.66	7.81	8.4	2.725	72.6	3.4	2.2	0.8
848	8/17/2014 7:46:12	17.58	51.87	34.17	5.53	7.79	7.2	2.674	71.1	3.3	2.1	0.8
849	8/17/2014 8:01:11	17.63			5.75	7.80	6.8	2.615	73.1	2.9	1.9	0.7
850	8/17/2014 8:16:11	17.31	51.73	34.07	6.09	7.84	5.2	2.542	77.8	2.3	1.5	0.5
851	8/17/2014 8:31:11	17.31	51.73	34.08	6.24	7.86	5.2	2.484	79.8	2.6	1.7	0.6
852	8/17/2014 8:46:11	17.41	51.72	34.07	6.26	7.86	5.5	2.399	80.1	2.8	1.8	0.7
853	8/17/2014 9:01:11	17.57	51.83	34.15	6.23	7.86	5.9	2.348	80.1	3.1	2.0	0.7
854	8/17/2014 9:16:11	17.93	51.87	34.18	6.10	7.85	5.6	2.287	79.0	2.8	1.8	0.7
855	8/17/2014 9:31:12	17.83	51.91	34.21	6.04	7.84	5.3	2.220	78.0	2.5	1.6	0.6
856	8/17/2014 9:46:11	17.85	51.74	34.09	6.08	7.84	5.6	2.161	78.6	2.9	1.9	0.7
857	8/17/2014 10:01:11	18.08	51.82	34.14	5.99	7.83	5.7	2.116	77.7	3.2	2.1	0.8
858	8/17/2014 10:16:11	18.14	51.96	34.25	6.06	7.84	5.2	2.067	78.8	3.3	2.1	0.8
859	8/17/2014 10:31:11	18.25	52.00	34.28	6.06	7.84	4.9	2.020	78.9	3.3	2.1	0.8
860	8/17/2014 10:46:11	18.30	51.90	34.20	6.10	7.84	4.7	1.979	79.5	2.9	1.9	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
861	8/17/2014 11:01:11	18.39	51.85	34.17	6.09	7.85	4.3	1.955	79.5	3.0	2.0	0.7
862	8/17/2014 11:16:11	18.51	51.93	34.22	6.02	7.84	4.0	1.935	78.8	2.4	1.6	0.6
863	8/17/2014 11:31:11	18.58	51.75	34.09	5.96	7.83	3.4	1.922	78.0	2.0	1.3	0.5
864	8/17/2014 11:46:11	18.60	51.91	34.21	6.04	7.84	3.6	1.921	79.2	2.5	1.6	0.6
865	8/17/2014 12:01:11	18.73	51.75	34.10	6.23	7.86	4.2	1.942	81.8	3.7	2.4	0.9
866	8/17/2014 12:16:11	18.70	51.95	34.24	6.31	7.87	4.1	1.971	82.9	3.8	2.5	0.9
867	8/17/2014 12:31:11	18.66	51.97	34.26	6.32	7.87	4.0	1.997	83.0	3.6	2.3	0.9
868	8/17/2014 12:46:11	18.64	51.91	34.21	6.41	7.87	4.3	2.050	84.1	4.3	2.8	1.0
869	8/17/2014 13:01:11	18.52	51.94	34.24	6.28	7.86	4.7	2.100	82.2	3.6	2.3	0.8
870	8/17/2014 13:16:11	18.41	51.88	34.19	6.30	7.86	4.8	2.157	82.3	3.7	2.4	0.9
871	8/17/2014 13:31:11	18.28	51.84	34.16	6.33	7.86	5.3	2.229	82.5	3.2	2.1	0.8
872	8/17/2014 13:46:12	18.11	51.87	34.18	6.43	7.87	4.4	2.285	83.6	3.4	2.2	0.8
873	8/17/2014 14:01:12	18.01	51.90	34.21	6.44	7.87	4.6	2.358	83.6	3.1	2.0	0.7
874	8/17/2014 14:16:12	17.82	51.88	34.19	6.47	7.88	4.5	2.432	83.6	3.4	2.2	0.8
875	8/17/2014 14:31:11	17.60	51.73	34.07	6.58	7.88	4.5	2.494	84.6	2.8	1.8	0.7
876	8/17/2014 14:46:11	17.43	51.73	34.08	6.63	7.89	4.7	2.560	85.0	2.7	1.8	0.6
877	8/17/2014 15:01:11	17.37	51.63	34.00	6.67	7.89	4.5	2.642	85.3	2.9	1.9	0.7
878	8/17/2014 15:16:11	17.19	51.62	33.99	6.69	7.89	4.7	2.709	85.3	3.0	2.0	0.7
879	8/17/2014 15:31:11	16.91	51.66	34.02	6.71	7.89	4.9	2.778	85.2	2.5	1.6	0.6
880	8/17/2014 15:46:11	16.44	51.66	34.01	6.65	7.89	5.0	2.855	83.6	2.6	1.7	0.6
881	8/17/2014 16:01:12	16.19	51.71	34.04	6.63	7.89	4.2	2.934	82.9	2.1	1.4	0.5
882	8/17/2014 16:16:11	15.86	51.58	33.94	6.65	7.89	4.3	3.012	82.6	2.7	1.8	0.6
883	8/17/2014 16:31:12	15.48	51.63	33.97	6.67	7.89	3.2	3.074	82.2	2.5	1.6	0.6
884	8/17/2014 16:46:11	15.14	51.57	33.91	6.70	7.88	2.7	3.151	82.0	2.6	1.7	0.6
885	8/17/2014 17:01:11	14.91	51.42	33.80	6.69	7.88	2.4	3.213	81.5	2.8	1.8	0.7
886	8/17/2014 17:16:11	14.61	51.49	33.85	6.69	7.88	2.1	3.267	81.0	2.3	1.5	0.5
887	8/17/2014 17:31:11	14.41	51.45	33.81	6.69	7.88	1.7	3.315	80.7	2.0	1.3	0.5
888	8/17/2014 17:46:11	14.21	51.49	33.83	6.66	7.88	1.5	3.352	80.0	3.5	2.3	0.8
889	8/17/2014 18:01:12	14.05	51.52	33.85	6.59	7.88	1.5	3.389	79.0	3.2	2.1	0.8
890	8/17/2014 18:16:11	14.00	51.44	33.79	6.49	7.86	1.1	3.395	77.6	1.6	1.0	0.4
891	8/17/2014 18:31:11	14.53	51.39	33.77	6.34	7.86	1.8	3.388	76.6	2.2	1.4	0.5
892	8/17/2014 18:46:12	14.19	51.47	33.82	6.35	7.85	1.7	3.375	76.3	2.1	1.4	0.5
893	8/17/2014 19:01:11	14.22	51.45	33.80	6.48	7.87	2.6	3.346	77.9	1.8	1.2	0.4
894	8/17/2014 19:16:11	15.03	51.47	33.84	6.35	7.87	2.6	3.290	77.5	2.0	1.3	0.5
895	8/17/2014 19:31:11	15.06	51.50	33.87	6.49	7.88	3.9	3.206	79.3	2.5	1.6	0.6
896	8/17/2014 19:46:11	15.23	51.50	33.86	6.54	7.88	4.3	3.145	80.2	2.4	1.6	0.6
897	8/17/2014 20:01:11	15.82	51.69	34.02	6.75	7.90	4.2	3.080	83.8	2.4	1.6	0.6
898	8/17/2014 20:16:11	16.87	51.56	33.94	6.77	7.91	6.1	2.982	85.8	3.1	2.0	0.7
899	8/17/2014 20:31:11	16.87	51.63	33.99	6.74	7.91	5.4	2.898	85.4	3.4	2.2	0.8
900	8/17/2014 20:46:11	16.85			6.83	7.91	5.0	2.812	85.9	3.2	2.1	0.8
901	8/17/2014 21:01:11	16.93	51.69	34.04	6.71	7.90	5.3	2.724	85.2	2.6	1.7	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
902	8/17/2014 21:16:11	17.16	51.66	34.02	6.64	7.90	5.1	2.624	84.7	3.2	2.1	0.7
903	8/17/2014 21:31:11	17.54	51.83	34.15	6.54	7.90	5.3	2.538	84.0	3.3	2.1	0.8
904	8/17/2014 21:46:11	17.86	51.83	34.15	6.51	7.89	5.3	2.441	84.1	2.9	1.9	0.7
905	8/17/2014 22:01:11	18.10	51.85	34.17	6.49	7.89	6.5	2.350	84.3	3.1	2.0	0.7
906	8/17/2014 22:16:11	17.95	51.86	34.18	6.45	7.88	7.3	2.247	83.5	3.6	2.3	0.8
907	8/17/2014 22:31:11	17.90	51.90	34.21	6.51	7.89	7.5	2.156	84.2	3.4	2.2	0.8
908	8/17/2014 22:46:12	17.60	51.80	34.13	6.53	7.88	8.9	2.051	84.0	3.7	2.4	0.9
909	8/17/2014 23:01:11	17.95	51.88	34.19	6.61	7.89	7.7	1.938	85.6	3.4	2.2	0.8
910	8/17/2014 23:16:11	18.08	51.95	34.24	6.65	7.89	7.2	1.859	86.4	4.0	2.6	0.9
911	8/17/2014 23:31:11	18.04	51.95	34.24	6.63	7.89	7.2	1.763	86.0	3.7	2.4	0.9
912	8/17/2014 23:46:11	18.27	52.00	34.28	6.62	7.89	7.2	1.672	86.3	3.6	2.3	0.9
913	8/18/2014 0:01:11	18.45	51.81	34.14	6.67	7.90	6.3	1.600	87.2	3.9	2.5	0.9
914	8/18/2014 0:16:11	18.67	52.05	34.32	6.66	7.90	6.0	1.527	87.5	4.2	2.7	1.0
915	8/18/2014 0:31:11	19.01	52.09	34.35	6.81	7.91	5.4	1.471	90.0	3.9	2.5	0.9
916	8/18/2014 0:46:11	19.34	52.15	34.40	6.97	7.93	4.7	1.434	92.7	3.8	2.5	0.9
917	8/18/2014 1:01:11	19.52	52.00	34.28	6.89	7.93	3.4	1.427	91.9	4.1	2.7	1.0
918	8/18/2014 1:16:11	19.51	52.17	34.41	6.69	7.90	3.7	1.414	89.3	3.5	2.3	0.8
919	8/18/2014 1:31:11	19.55	52.10	34.35	7.11	7.95	3.8	1.434	94.9	4.1	2.7	1.0
920	8/18/2014 1:46:11	19.44	52.07	34.33	7.13	7.95	3.9	1.476	95.0	3.8	2.5	0.9
921	8/18/2014 2:01:11	19.54	51.98	34.26	7.16	7.95	4.2	1.512	95.6	3.8	2.5	0.9
922	8/18/2014 2:16:11	19.47	52.13	34.38	7.17	7.95	4.2	1.584	95.6	4.5	2.9	1.1
923	8/18/2014 2:31:11	19.39	52.00	34.28	7.11	7.94	4.7	1.634	94.7	3.8	2.5	0.9
924	8/18/2014 2:46:11	19.55	51.92	34.22	6.91	7.92	5.9	1.701	92.3	4.3	2.8	1.0
925	8/18/2014 3:01:11	19.77	52.22	34.44	6.62	7.90	6.8	1.764	88.8	5.1	3.3	1.2
926	8/18/2014 3:16:11	19.52	52.05	34.32	6.73	7.90	5.4	1.830	89.8	4.6	3.0	1.1
927	8/18/2014 3:31:11	19.41	52.11	34.36	6.71	7.90	5.2	1.901	89.5	4.4	2.9	1.0
928	8/18/2014 3:46:11	19.29	51.96	34.25	6.72	7.90	5.1	1.957	89.3	4.2	2.7	1.0
929	8/18/2014 4:01:11	19.19	52.14	34.39	6.72	7.90	5.0	2.025	89.1	4.3	2.8	1.0
930	8/18/2014 4:16:12	18.75	52.03	34.30	6.63	7.89	4.8	2.090	87.3	3.7	2.4	0.9
931	8/18/2014 4:31:11	18.49	51.95	34.25	6.60	7.88	4.5	2.153	86.4	3.6	2.3	0.8
932	8/18/2014 4:46:11	18.27	51.86	34.18	6.53	7.87	4.4	2.213	85.1	3.7	2.4	0.9
933	8/18/2014 5:01:11	18.10	51.80	34.13	6.49	7.87	4.1	2.271	84.2	3.2	2.1	0.8
934	8/18/2014 5:16:11	17.91	51.88	34.19	6.48	7.87	4.3	2.338	83.9	3.5	2.3	0.8
935	8/18/2014 5:31:11	17.72	51.90	34.20	6.45	7.86	4.1	2.393	83.2	3.2	2.1	0.8
936	8/18/2014 5:46:11	17.52	51.78	34.11	6.47	7.86	4.0	2.450	83.1	3.4	2.2	0.8
937	8/18/2014 6:01:11	17.39	51.76	34.09	6.46	7.86	4.2	2.501	82.7	3.8	2.5	0.9
938	8/18/2014 6:16:11	17.25	51.75	34.09	6.44	7.86	3.9	2.554	82.3	3.6	2.3	0.8
939	8/18/2014 6:31:11	17.12	51.75	34.09	6.43	7.86	3.8	2.606	81.9	2.7	1.8	0.6
940	8/18/2014 6:46:11	17.00	51.77	34.10	6.40	7.86	3.6	2.648	81.4	2.8	1.8	0.7
941	8/18/2014 7:01:11	16.82	51.72	34.06	6.39	7.86	3.1	2.685	80.9	2.6	1.7	0.6
942	8/18/2014 7:16:11	16.64	51.71	34.05	6.35	7.86	2.8	2.723	80.2	2.8	1.8	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
943	8/18/2014 7:31:11	16.53	51.70	34.04	6.27	7.85	2.8	2.743	79.0	2.4	1.6	0.6
944	8/18/2014 7:46:11	17.09	51.51	33.91	6.13	7.84	4.0	2.749	78.0	2.4	1.6	0.6
945	8/18/2014 8:01:11	16.90	51.80	34.12	5.95	7.83	3.2	2.765	75.5	2.3	1.5	0.5
946	8/18/2014 8:16:11	16.64	51.54	33.92	5.84	7.82	2.6	2.743	73.7	2.0	1.3	0.5
947	8/18/2014 8:31:11	16.75	51.66	34.01	5.99	7.83	2.9	2.724	75.8	2.3	1.5	0.5
948	8/18/2014 8:46:11	17.03	51.60	33.97	5.96	7.82	3.5	2.692	75.7	2.5	1.6	0.6
949	8/18/2014 9:01:11	17.27	51.68	34.04	5.94	7.83	3.9	2.651	75.9	1.9	1.2	0.4
950	8/18/2014 9:16:11	17.88	51.83	34.15	5.48	7.78	6.5	2.593	70.9	3.2	2.1	0.8
951	8/18/2014 9:31:11	17.81	52.00	34.27	5.41	7.75	8.5	2.538	69.9	3.7	2.4	0.9
952	8/18/2014 9:46:12	17.49	51.84	34.15	5.84	7.80	5.0	2.487	74.9	2.6	1.7	0.6
953	8/18/2014 10:01:12	17.42	51.81	34.13	6.04	7.82	4.8	2.428	77.4	2.7	1.8	0.6
954	8/18/2014 10:16:11	17.58	51.80	34.13	6.10	7.83	5.3	2.375	78.5	2.6	1.7	0.6
955	8/18/2014 10:31:11	17.58	51.79	34.12	6.24	7.84	5.8	2.310	80.3	2.8	1.8	0.7
956	8/18/2014 10:46:11	17.50	51.83	34.15	6.28	7.84	5.1	2.274	80.6	2.9	1.9	0.7
957	8/18/2014 11:01:11	17.89	51.91	34.21	6.14	7.84	4.8	2.221	79.5	3.4	2.2	0.8
958	8/18/2014 11:16:12	18.01	51.93	34.22	6.19	7.84	5.0	2.172	80.3	3.0	2.0	0.7
959	8/18/2014 11:31:12	18.14	52.01	34.29	6.11	7.83	4.0	2.150	79.4	3.1	2.0	0.7
960	8/18/2014 11:46:12	18.25	51.98	34.27	6.17	7.84	4.6	2.110	80.4	3.1	2.0	0.7
961	8/18/2014 12:01:11	18.40	51.90	34.21	6.15	7.84	3.8	2.082	80.4	3.3	2.1	0.8
962	8/18/2014 12:16:11	18.44	51.88	34.19	6.11	7.83	3.1	2.067	79.9	3.4	2.2	0.8
963	8/18/2014 12:31:11	18.53	51.95	34.25	6.14	7.83	2.8	2.057	80.5	2.9	1.9	0.7
964	8/18/2014 12:46:11	18.55	52.01	34.29	6.23	7.83	4.0	2.061	81.6	4.4	2.9	1.0
965	8/18/2014 13:01:11	18.67	52.03	34.30	6.38	7.86	3.6	2.058	83.8	3.3	2.1	0.8
966	8/18/2014 13:16:11	18.63	51.96	34.25	6.43	7.86	3.4	2.077	84.4	4.2	2.7	1.0
967	8/18/2014 13:31:11	18.53	52.01	34.28	6.36	7.86	4.2	2.103	83.4	3.5	2.3	0.8
968	8/18/2014 13:46:11	18.45	51.76	34.10	6.39	7.86	4.2	2.141	83.4	4.1	2.7	1.0
969	8/18/2014 14:01:11	18.31	51.97	34.25	6.38	7.86	4.0	2.172	83.2	3.7	2.4	0.9
970	8/18/2014 14:16:11	18.16	51.70	34.06	6.41	7.85	4.3	2.227	83.3	3.4	2.2	0.8
971	8/18/2014 14:31:11	17.94	52.00	34.28	6.31	7.85	4.0	2.284	81.7	3.2	2.1	0.8
972	8/18/2014 14:46:11	17.89	51.72	34.07	6.37	7.85	4.5	2.334	82.3	3.0	2.0	0.7
973	8/18/2014 15:01:12	17.79	51.95	34.24	6.35	7.85	4.3	2.396	82.0	3.3	2.1	0.8
974	8/18/2014 15:16:11	17.61	51.80	34.12	6.30	7.85	4.8	2.450	81.1	2.8	1.8	0.7
975	8/18/2014 15:31:11	17.42	51.77	34.11	6.31	7.85	4.7	2.510	80.8	3.1	2.0	0.7
976	8/18/2014 15:46:11	17.13	51.76	34.09	6.43	7.86	4.0	2.580	81.9	3.0	2.0	0.7
977	8/18/2014 16:01:12	16.89	51.82	34.14	6.46	7.86	3.9	2.640	81.9	3.2	2.1	0.8
978	8/18/2014 16:16:12	16.62	51.64	33.99	6.44	7.86	3.8	2.709	81.2	2.9	1.9	0.7
979	8/18/2014 16:31:11	16.43	51.69	34.03	6.47	7.86	4.0	2.781	81.4	2.8	1.8	0.7
980	8/18/2014 16:46:12	16.28	51.69	34.03	6.52	7.86	3.7	2.850	81.8	2.5	1.6	0.6
981	8/18/2014 17:01:11	15.93	51.54	33.91	6.54	7.86	4.0	2.916	81.3	3.1	2.0	0.7
982	8/18/2014 17:16:11	15.67	51.55	33.91	6.56	7.86	3.4	2.983	81.2	2.7	1.8	0.6
983	8/18/2014 17:31:11	15.44	51.60	33.95	6.60	7.86	2.9	3.054	81.3	3.2	2.1	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
984	8/18/2014 17:46:11	15.12	51.47	33.84	6.69	7.87	3.2	3.110	81.8	3.1	2.0	0.7
985	8/18/2014 18:01:11	14.77	51.49	33.85	6.80	7.87	2.6	3.167	82.7	3.1	2.0	0.7
986	8/18/2014 18:16:11	14.57	51.57	33.90	6.86	7.88	2.5	3.218	83.0	4.0	2.6	0.9
987	8/18/2014 18:31:11	14.47	51.57	33.90	6.88	7.88	2.2	3.261	83.1	3.8	2.5	0.9
988	8/18/2014 18:46:11	14.39	51.56	33.89	6.90	7.88	2.0	3.295	83.2	3.2	2.1	0.8
989	8/18/2014 19:01:11	14.35	51.66	33.96	6.77	7.87	1.8	3.314	81.6	3.9	2.5	0.9
990	8/18/2014 19:16:12	14.55	51.45	33.81	6.67	7.87	2.4	3.332	80.7	3.0	2.0	0.7
991	8/18/2014 19:31:11	14.40	51.60	33.92	6.74	7.87	2.4	3.339	81.3	3.1	2.0	0.7
992	8/18/2014 19:46:11	14.32	51.58	33.90	6.71	7.87	2.5	3.314	80.8	4.3	2.8	1.0
993	8/18/2014 20:01:11	14.34	51.59	33.91	6.73	7.87	2.4	3.276	81.1	2.3	1.5	0.5
994	8/18/2014 20:16:11	14.85	51.61	33.94	6.49	7.86	2.7	3.225	79.0	3.1	2.0	0.7
995	8/18/2014 20:31:11	15.05	51.56	33.91	6.56	7.86	4.7	3.177	80.2	3.9	2.5	0.9
996	8/18/2014 20:46:11	15.23	51.65	33.97	6.61	7.87	4.4	3.093	81.0	3.4	2.2	0.8
997	8/18/2014 21:01:12	15.62	51.79	34.09	6.64	7.87	4.8	3.012	82.1	3.6	2.3	0.9
998	8/18/2014 21:16:11	16.21	51.73	34.05	6.54	7.87	4.8	2.943	81.9	3.3	2.1	0.8
999	8/18/2014 21:31:11	16.65	51.78	34.10	6.73	7.89	4.7	2.862	84.9	3.1	2.0	0.7
1000	8/18/2014 21:46:12	16.65	51.85	34.15	6.60	7.88	4.3	2.760	83.4	2.5	1.6	0.6
1001	8/18/2014 22:01:12	16.69	51.87	34.16	6.58	7.88	4.7	2.681	83.1	2.9	1.9	0.7
1002	8/18/2014 22:16:11	16.96	51.84	34.15	6.50	7.87	5.4	2.595	82.6	3.4	2.2	0.8
1003	8/18/2014 22:31:11	17.24	51.89	34.19	6.43	7.86	4.4	2.503	82.2	3.0	2.0	0.7
1004	8/18/2014 22:46:11	17.60	51.87	34.18	6.43	7.86	5.3	2.404	82.7	3.1	2.0	0.7
1005	8/18/2014 23:01:11	17.72	52.00	34.28	6.45	7.86	5.3	2.318	83.1	3.9	2.5	0.9
1006	8/18/2014 23:16:12	17.61	52.01	34.28	6.41	7.86	6.8	2.217	82.5	3.6	2.3	0.8
1007	8/18/2014 23:31:12	17.36	51.94	34.23	6.36	7.86	7.3	2.114	81.5	3.9	2.5	0.9
1008	8/18/2014 23:46:12	17.36	51.88	34.18	6.36	7.86	7.2	2.028	81.4	3.8	2.5	0.9
1009	8/19/2014 0:01:11	17.76	51.87	34.18	6.48	7.87	7.0	1.924	83.6	4.1	2.7	1.0
1010	8/19/2014 0:16:11	17.56	51.98	34.26	6.50	7.87	8.7	1.815	83.6	3.4	2.2	0.8
1011	8/19/2014 0:31:11	17.71	52.04	34.31	6.46	7.87	6.8	1.724	83.3	3.8	2.5	0.9
1012	8/19/2014 0:46:11	17.86	52.05	34.31	6.42	7.87	6.7	1.641	83.1	4.3	2.8	1.0
1013	8/19/2014 1:01:11	17.86	52.00	34.28	6.49	7.87	5.7	1.565	83.9	4.4	2.9	1.0
1014	8/19/2014 1:16:12	18.17	52.14	34.38	6.41	7.87	5.6	1.483	83.4	4.3	2.8	1.0
1015	8/19/2014 1:31:12	18.35	52.12	34.37	6.39	7.87	4.8	1.448	83.4	4.3	2.8	1.0
1016	8/19/2014 1:46:11	18.53	52.01	34.29	6.46	7.88	4.8	1.398	84.7	3.5	2.3	0.8
1017	8/19/2014 2:01:11	18.75	52.07	34.33	6.56	7.90	4.0	1.363	86.3	4.2	2.7	1.0
1018	8/19/2014 2:16:11	18.90	52.17	34.41	6.35	7.89	3.1	1.363	83.8	4.2	2.7	1.0
1019	8/19/2014 2:31:11	18.95	52.08	34.34	6.59	7.90	3.3	1.364	87.1	4.0	2.6	0.9
1020	8/19/2014 2:46:11	19.10	52.05	34.32	6.85	7.92	3.4	1.390	90.7	4.0	2.6	0.9
1021	8/19/2014 3:01:11	19.00	52.04	34.31	6.81	7.92	3.7	1.423	90.0	3.8	2.5	0.9
1022	8/19/2014 3:16:11	19.11	52.23	34.45	6.95	7.94	4.1	1.482	92.1	4.1	2.7	1.0
1023	8/19/2014 3:31:11	19.02	52.11	34.36	6.91	7.93	4.0	1.534	91.3	4.0	2.6	0.9
1024	8/19/2014 3:46:11	18.93	52.09	34.35	6.84	7.92	4.3	1.608	90.3	3.9	2.5	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
1025	8/19/2014 4:01:11	18.87	52.12	34.37	6.76	7.91	4.3	1.668	89.1	4.1	2.7	1.0
1026	8/19/2014 4:16:12	18.92	52.08	34.34	6.60	7.90	5.2	1.729	87.1	4.8	3.1	1.1
1027	8/19/2014 4:31:11	18.81	52.10	34.36	6.65	7.89	5.2	1.795	87.6	4.6	3.0	1.1
1028	8/19/2014 4:46:11	18.67	52.05	34.32	6.61	7.89	4.7	1.846	86.9	4.2	2.7	1.0
1029	8/19/2014 5:01:11	18.54	52.10	34.35	6.57	7.88	4.4	1.911	86.1	4.2	2.7	1.0
1030	8/19/2014 5:16:11	18.50	52.11	34.36	6.56	7.88	4.5	1.981	85.9	4.7	3.1	1.1
1031	8/19/2014 5:31:11	18.43	52.14	34.38	6.52	7.88	4.9	2.046	85.4	3.8	2.5	0.9
1032	8/19/2014 5:46:12	18.19	52.07	34.33	6.40	7.86	4.1	2.100	83.3	3.8	2.5	0.9
1033	8/19/2014 6:01:11	18.01	52.04	34.30	6.35	7.85	4.2	2.167	82.3	4.0	2.6	0.9
1034	8/19/2014 6:16:11	17.87	51.93	34.22	6.29	7.85	4.5	2.241	81.4	3.9	2.5	0.9
1035	8/19/2014 6:31:12	17.73	51.93	34.22	6.23	7.84	4.5	2.294	80.4	3.2	2.1	0.8
1036	8/19/2014 6:46:11	17.57	51.91	34.21	6.24	7.84	4.3	2.348	80.2	3.2	2.1	0.8
1037	8/19/2014 7:01:11	17.41	51.91	34.21	6.23	7.83	4.5	2.413	79.9	3.4	2.2	0.8
1038	8/19/2014 7:16:11	17.20	51.84	34.15	6.23	7.83	4.2	2.474	79.5	3.0	2.0	0.7
1039	8/19/2014 7:31:11	17.07	51.89	34.19	6.24	7.83	4.0	2.522	79.4	3.1	2.0	0.7
1040	8/19/2014 7:46:11	16.97	51.72	34.06	6.21	7.83	3.7	2.561	78.8	2.8	1.8	0.7
1041	8/19/2014 8:01:11	16.80	51.75	34.08	6.22	7.83	3.2	2.622	78.7	2.9	1.9	0.7
1042	8/19/2014 8:16:12	16.63	51.81	34.12	6.19	7.83	3.3	2.658	78.1	2.9	1.9	0.7
1043	8/19/2014 8:31:11	16.43	51.65	34.00	6.20	7.83	2.8	2.687	77.9	2.9	1.9	0.7
1044	8/19/2014 8:46:11	16.36	51.75	34.07	6.13	7.82	3.1	2.723	77.0	2.8	1.8	0.7
1045	8/19/2014 9:01:12	16.27	51.69	34.03	6.09	7.82	2.6	2.742	76.2	2.5	1.6	0.6
1046	8/19/2014 9:16:11	16.72	51.61	33.98	6.01	7.82	3.6	2.747	75.9	2.6	1.7	0.6
1047	8/19/2014 9:31:11	16.28	51.77	34.09	6.06	7.82	3.5	2.744	75.9	2.1	1.4	0.5
1048	8/19/2014 9:46:12	16.29	51.70	34.04	5.92	7.81	2.5	2.723	74.2	2.0	1.3	0.5
1049	8/19/2014 10:01:12	16.49	51.76	34.08	5.84	7.80	3.2	2.686	73.5	2.4	1.6	0.6
1050	8/19/2014 10:16:12	17.00	51.93	34.22	5.66	7.79	4.7	2.650	72.0	3.0	2.0	0.7
1051	8/19/2014 10:31:12	17.33	51.95	34.23	5.57	7.78	4.2	2.609	71.3	2.9	1.9	0.7
1052	8/19/2014 10:46:11	17.41	51.85	34.16	5.83	7.79	6.0	2.557	74.7	3.0	2.0	0.7
1053	8/19/2014 11:01:11	17.33	51.90	34.20	5.96	7.81	4.5	2.496	76.3	2.7	1.8	0.6
1054	8/19/2014 11:16:11	17.36	51.83	34.15	6.16	7.82	4.7	2.435	78.9	2.7	1.8	0.6
1055	8/19/2014 11:31:11	17.45	51.87	34.18	6.12	7.82	3.7	2.393	78.5	2.5	1.6	0.6
1056	8/19/2014 11:46:11	17.57	51.83	34.15	6.04	7.82	4.0	2.333	77.6	2.4	1.6	0.6
1057	8/19/2014 12:01:12	17.73	51.98	34.26	6.15	7.83	3.7	2.270	79.3	2.1	1.4	0.5
1058	8/19/2014 12:16:11	17.88	52.01	34.28	6.02	7.82	3.4	2.244	78.0	2.0	1.3	0.5
1059	8/19/2014 12:31:11	17.99	51.89	34.19	5.94	7.81	2.9	2.197	77.0	2.0	1.3	0.5
1060	8/19/2014 12:46:11	18.22	51.98	34.26	5.82	7.80	3.7	2.149	75.7	2.8	1.8	0.6
1061	8/19/2014 13:01:11	18.36	52.04	34.31	5.71	7.79	3.4	2.131	74.6	2.4	1.6	0.6
1062	8/19/2014 13:16:11	18.45	51.98	34.27	5.67	7.79	3.3	2.103	74.2	2.6	1.7	0.6
1063	8/19/2014 13:31:12	18.52	52.11	34.36	5.61	7.78	3.1	2.098	73.5	2.5	1.6	0.6
1064	8/19/2014 13:46:12	18.54	51.90	34.20	6.32	7.83	4.5	2.098	82.8	2.8	1.8	0.7
1065	8/19/2014 14:01:12	18.49	52.04	34.31	6.42	7.84	3.7	2.091	84.1	2.7	1.8	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
1066	8/19/2014 14:16:11	18.66	51.95	34.24	6.39	7.85	3.5	2.091	83.9	2.7	1.8	0.6
1067	8/19/2014 14:31:11	18.49	52.05	34.31	6.40	7.85	3.7	2.124	83.8	3.7	2.4	0.9
1068	8/19/2014 14:46:11	18.46	51.87	34.18	6.41	7.85	4.1	2.149	83.8	3.4	2.2	0.8
1069	8/19/2014 15:01:11	18.41	52.01	34.29	6.42	7.85	3.9	2.169	83.9	3.9	2.5	0.9
1070	8/19/2014 15:16:11	18.25	51.92	34.22	6.47	7.85	4.2	2.214	84.3	4.5	2.9	1.1
1071	8/19/2014 15:31:11	18.13	51.97	34.26	6.43	7.84	4.0	2.257	83.6	3.6	2.3	0.8
1072	8/19/2014 15:46:12	17.98	52.00	34.27	6.37	7.84	4.4	2.309	82.6	3.9	2.5	0.9
1073	8/19/2014 16:01:11	17.85	51.95	34.24	6.38	7.84	4.1	2.355	82.5	3.5	2.3	0.8
1074	8/19/2014 16:16:12	17.74	51.97	34.26	6.32	7.83	4.0	2.408	81.6	3.5	2.3	0.8
1075	8/19/2014 16:31:11	17.60	51.85	34.16	6.35	7.83	4.3	2.473	81.6	3.1	2.0	0.7
1076	8/19/2014 16:46:11	17.40	51.83	34.15	6.36	7.83	4.2	2.533	81.4	3.7	2.4	0.9
1077	8/19/2014 17:01:11	17.12	51.79	34.12	6.41	7.84	4.1	2.594	81.7	3.0	2.0	0.7
1078	8/19/2014 17:16:12	16.88	51.71	34.05	6.45	7.84	3.2	2.666	81.7	3.7	2.4	0.9
1079	8/19/2014 17:31:11	16.57	51.66	34.01	6.44	7.84	3.8	2.731	81.2	3.7	2.4	0.9
1080	8/19/2014 17:46:12	16.35	51.77	34.09	6.50	7.84	3.6	2.804	81.6	3.2	2.1	0.8
1081	8/19/2014 18:01:12	16.20	51.74	34.07	6.54	7.85	3.5	2.879	81.8	2.9	1.9	0.7
1082	8/19/2014 18:16:12	15.81	51.68	34.01	6.53	7.85	3.5	2.936	81.0	2.7	1.8	0.6
1083	8/19/2014 18:31:12	15.58	51.73	34.04	6.55	7.85	2.7	3.004	81.0	3.7	2.4	0.9
1084	8/19/2014 18:46:11	15.30	51.70	34.01	6.61	7.85	2.8	3.071	81.2	3.2	2.1	0.8
1085	8/19/2014 19:01:11	15.14	51.64	33.97	6.68	7.85	2.5	3.115	81.8	3.3	2.1	0.8
1086	8/19/2014 19:16:11	14.98	51.58	33.92	6.76	7.86	2.6	3.166	82.5	3.4	2.2	0.8
1087	8/19/2014 19:31:11	14.83	51.56	33.90	6.84	7.86	1.9	3.217	83.2	3.3	2.1	0.8
1088	8/19/2014 19:46:11	14.70	51.66	33.97	6.88	7.86	2.3	3.250	83.5	3.3	2.1	0.8
1089	8/19/2014 20:01:11	14.57	51.53	33.87	6.85	7.86	1.6	3.267	82.9	4.1	2.7	1.0
1090	8/19/2014 20:16:12	14.64	51.56	33.90	6.55	7.84	1.8	3.288	79.3	4.6	3.0	1.1
1091	8/19/2014 20:31:11	14.68	51.56	33.90	6.70	7.85	2.4	3.292	81.3	6.0	3.9	1.4
1092	8/19/2014 20:46:11	14.53	51.61	33.93	6.72	7.85	2.0	3.277	81.3	2.6	1.7	0.6
1093	8/19/2014 21:01:11	14.55	51.41	33.78	6.70	7.85	1.9	3.249	81.0	2.5	1.6	0.6
1094	8/19/2014 21:16:11	15.08	51.50	33.86	6.37	7.83	2.3	3.201	77.9	2.6	1.7	0.6
1095	8/19/2014 21:31:12	15.40	51.46	33.84	6.21	7.83	5.3	3.150	76.4	3.2	2.1	0.8
1096	8/19/2014 21:46:12	15.62	51.66	33.99	6.33	7.84	5.1	3.075	78.2	2.8	1.8	0.7
1097	8/19/2014 22:01:11	16.07	51.69	34.02	6.27	7.84	5.0	2.996	78.2	2.9	1.9	0.7
1098	8/19/2014 22:16:11	16.67	51.72	34.06	6.49	7.86	4.7	2.926	82.0	3.3	2.1	0.8
1099	8/19/2014 22:31:11	16.87	51.60	33.97	6.60	7.86	4.5	2.828	83.6	3.2	2.1	0.8
1100	8/19/2014 22:46:11	16.67	51.65	34.01	6.49	7.86	3.8	2.742	81.9	2.5	1.6	0.6
1101	8/19/2014 23:01:11	16.88	51.74	34.07	6.37	7.85	3.6	2.663	80.8	2.9	1.9	0.7
1102	8/19/2014 23:16:11	17.17	51.70	34.05	6.42	7.85	4.7	2.554	81.9	3.4	2.2	0.8
1103	8/19/2014 23:31:11	17.50	51.71	34.06	6.24	7.84	5.6	2.471	80.0	3.4	2.2	0.8
1104	8/19/2014 23:46:12	17.90	51.93	34.23	6.22	7.83	4.7	2.382	80.5	2.9	1.9	0.7
1105	8/20/2014 0:01:11	18.10	51.95	34.24	6.28	7.84	4.8	2.280	81.6	3.1	2.0	0.7
1106	8/20/2014 0:16:11	18.10	51.83	34.15	6.43	7.85	6.8	2.183	83.4	3.8	2.5	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
1107	8/20/2014 0:31:11	17.76	51.89	34.20	6.27	7.84	8.7	2.082	80.9	3.7	2.4	0.9
1108	8/20/2014 0:46:11	17.64	51.76	34.09	6.34	7.84	8.7	1.967	81.6	3.7	2.4	0.9
1109	8/20/2014 1:01:11	17.85	51.83	34.15	6.50	7.86	8.9	1.871	84.0	4.1	2.7	1.0
1110	8/20/2014 1:16:11	18.15	52.04	34.30	6.60	7.88	6.8	1.774	85.8	3.8	2.5	0.9
1111	8/20/2014 1:31:11	18.23	51.81	34.14	6.65	7.88	6.8	1.661	86.6	3.8	2.5	0.9
1112	8/20/2014 1:46:11	18.49	52.00	34.28	6.67	7.89	5.9	1.589	87.3	3.5	2.3	0.8
1113	8/20/2014 2:01:11	18.62	51.94	34.24	6.61	7.88	8.4	1.497	86.7	3.9	2.5	0.9
1114	8/20/2014 2:16:11	18.75	52.02	34.29	6.61	7.89	5.7	1.416	86.9	3.7	2.4	0.9
1115	8/20/2014 2:31:11	18.88	52.14	34.39	6.67	7.89	7.1	1.355	88.0	4.0	2.6	0.9
1116	8/20/2014 2:46:11	19.13	52.08	34.34	6.78	7.90	5.9	1.307	89.9	3.9	2.5	0.9
1117	8/20/2014 3:01:11	19.34	52.10	34.35	6.82	7.91	4.0	1.280	90.8	4.0	2.6	0.9
1118	8/20/2014 3:16:11	19.54	52.18	34.41	6.64	7.89	2.6	1.274	88.6	3.4	2.2	0.8
1119	8/20/2014 3:31:11	19.48	52.18	34.42	6.78	7.92	6.8	1.271	90.4	4.1	2.7	1.0
1120	8/20/2014 3:46:11	19.62	52.24	34.46	7.19	7.96	3.7	1.309	96.3	3.9	2.5	0.9
1121	8/20/2014 4:01:11	19.54	52.05	34.31	7.17	7.95	4.1	1.354	95.7	3.9	2.5	0.9
1122	8/20/2014 4:16:11	19.64	52.18	34.42	7.29	7.96	4.5	1.393	97.5	4.0	2.6	0.9
1123	8/20/2014 4:31:11	19.54	52.26	34.47	7.25	7.96	4.3	1.470	96.9	3.6	2.3	0.9
1124	8/20/2014 4:46:11	19.49	52.21	34.43	7.17	7.95	4.8	1.532	95.7	4.0	2.6	0.9
1125	8/20/2014 5:01:11	19.84	52.15	34.39	6.88	7.93	6.2	1.583	92.4	5.4	3.5	1.3
1126	8/20/2014 5:16:11	19.85	52.18	34.41	6.85	7.92	6.1	1.675	92.1	4.7	3.1	1.1
1127	8/20/2014 5:31:11	19.56	52.07	34.33	6.92	7.92	5.6	1.737	92.4	4.3	2.8	1.0
1128	8/20/2014 5:46:11	19.42	51.97	34.26	6.89	7.92	5.0	1.786	91.8	4.3	2.8	1.0
1129	8/20/2014 6:01:11	19.32	51.97	34.26	6.87	7.91	5.0	1.870	91.3	4.6	3.0	1.1
1130	8/20/2014 6:16:11	19.15	52.14	34.39	6.83	7.91	4.9	1.943	90.6	3.7	2.4	0.9
1131	8/20/2014 6:31:11	18.80	52.09	34.34	6.68	7.88	4.7	2.009	87.9	3.9	2.5	0.9
1132	8/20/2014 6:46:11	18.55	51.93	34.23	6.52	7.86	4.2	2.083	85.4	3.7	2.4	0.9
1133	8/20/2014 7:01:11	18.36	52.04	34.31	6.39	7.85	4.2	2.150	83.5	3.4	2.2	0.8
1134	8/20/2014 7:16:11	18.23	51.82	34.15	6.35	7.84	4.9	2.229	82.6	3.3	2.1	0.8
1135	8/20/2014 7:31:11	18.04	51.95	34.24	6.31	7.83	4.7	2.293	81.9	3.2	2.1	0.7
1136	8/20/2014 7:46:11	17.87	52.02	34.29	6.29	7.83	4.8	2.347	81.4	3.4	2.2	0.8
1137	8/20/2014 8:01:11	17.70	51.81	34.13	6.28	7.83	4.5	2.420	80.9	3.4	2.2	0.8
1138	8/20/2014 8:16:11	17.53	51.84	34.16	6.28	7.82	4.3	2.484	80.7	3.6	2.3	0.8
1139	8/20/2014 8:31:11	17.38	51.86	34.17	6.25	7.82	4.3	2.536	80.1	3.2	2.1	0.7
1140	8/20/2014 8:46:11	17.21	51.77	34.10	6.23	7.82	4.0	2.595	79.5	3.2	2.1	0.8
1141	8/20/2014 9:01:11	16.97	51.82	34.14	6.23	7.82	4.0	2.651	79.2	2.8	1.8	0.7
1142	8/20/2014 9:16:11	16.65	51.82	34.13	6.28	7.82	4.3	2.696	79.3	2.6	1.7	0.6
1143	8/20/2014 9:31:11	16.47	51.77	34.09	6.31	7.82	3.2	2.743	79.4	2.6	1.7	0.6
1144	8/20/2014 9:46:11	16.36	51.68	34.03	6.32	7.82	2.9	2.778	79.3	2.9	1.9	0.7
1145	8/20/2014 10:01:11	16.38	51.72	34.05	6.27	7.82	3.1	2.800	78.7	2.8	1.8	0.7
1146	8/20/2014 10:16:11	16.29	51.71	34.04	6.12	7.81	2.0	2.829	76.7	2.1	1.4	0.5
1147	8/20/2014 10:31:11	16.47	51.78	34.10	6.09	7.80	3.0	2.821	76.7	2.6	1.7	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
1148	8/20/2014 10:46:11	16.28	51.67	34.01	6.18	7.81	3.2	2.793	77.4	2.3	1.5	0.5
1149	8/20/2014 11:01:11	16.37	51.65	34.00	6.11	7.81	3.1	2.778	76.7	2.6	1.7	0.6
1150	8/20/2014 11:16:11	16.54	51.75	34.08	6.05	7.81	3.3	2.734	76.2	2.9	1.9	0.7
1151	8/20/2014 11:31:11	17.18	51.64	34.00	6.22	7.82	4.1	2.683	79.3	2.9	1.9	0.7
1152	8/20/2014 11:46:11	17.25	51.79	34.12	6.35	7.83	4.2	2.611	81.1	2.6	1.7	0.6
1153	8/20/2014 12:01:11	17.44	51.70	34.05	6.41	7.84	3.9	2.556	82.2	2.5	1.6	0.6
1154	8/20/2014 12:16:11	17.64	51.84	34.16	6.40	7.84	3.9	2.513	82.4	2.9	1.9	0.7
1155	8/20/2014 12:31:12	17.83	51.90	34.20	6.46	7.84	3.9	2.431	83.5	3.1	2.0	0.7
1156	8/20/2014 12:46:11	17.99	51.73	34.08	6.44	7.85	3.9	2.380	83.5	2.5	1.6	0.6
1157	8/20/2014 13:01:11	18.15	51.82	34.15	6.43	7.85	3.3	2.333	83.6	2.9	1.9	0.7
1158	8/20/2014 13:16:11	18.28	51.95	34.24	6.37	7.84	3.3	2.288	83.0	2.8	1.8	0.6
1159	8/20/2014 13:31:11	18.46	51.88	34.19	6.23	7.84	3.1	2.236	81.5	2.5	1.6	0.6
1160	8/20/2014 13:46:11	18.65	51.98	34.27	6.28	7.84	3.5	2.194	82.5	3.0	2.0	0.7
1161	8/20/2014 14:01:11	18.83	51.85	34.17	6.24	7.84	3.4	2.179	82.2	2.3	1.5	0.5
1162	8/20/2014 14:16:11	18.88	52.01	34.29	6.27	7.84	3.9	2.142	82.7	3.3	2.1	0.8
1163	8/20/2014 14:31:11	18.97	51.86	34.18	6.27	7.84	3.3	2.118	82.7	3.2	2.1	0.8
1164	8/20/2014 14:46:11	19.08	52.01	34.29	6.37	7.85	2.9	2.099	84.3	3.6	2.3	0.9
1165	8/20/2014 15:01:11	19.30	51.98	34.27	6.40	7.85	2.8	2.085	85.0	3.3	2.1	0.8
1166	8/20/2014 15:16:11	19.18	51.78	34.12	6.94	7.88	4.0	2.100	91.9	4.6	3.0	1.1
1167	8/20/2014 15:31:11	19.03	51.94	34.23	6.82	7.88	3.9	2.104	90.1	4.5	2.9	1.1
1168	8/20/2014 15:46:11	18.99	52.06	34.32	6.85	7.87	3.9	2.120	90.6	4.4	2.9	1.0
1169	8/20/2014 16:01:11	19.25	52.11	34.37	6.97	7.89	3.7	2.154	92.6	4.9	3.2	1.2
1170	8/20/2014 16:16:12	19.17	52.06	34.33	6.95	7.89	3.8	2.184	92.1	5.1	3.3	1.2
1171	8/20/2014 16:31:11	18.89	52.07	34.34	6.85	7.87	4.4	2.243	90.4	4.8	3.1	1.1
1172	8/20/2014 16:46:11	18.98	52.01	34.29	6.89	7.87	4.3	2.290	91.0	4.8	3.1	1.1
1173	8/20/2014 17:01:11	18.73	51.99	34.28	6.90	7.87	4.8	2.358	90.8	4.4	2.9	1.0
1174	8/20/2014 17:16:12	18.37	51.95	34.24	6.89	7.87	4.7	2.416	90.0	4.2	2.7	1.0
1175	8/20/2014 17:31:11	18.26	51.88	34.19	6.86	7.86	4.2	2.477	89.3	4.3	2.8	1.0
1176	8/20/2014 17:46:11	18.02	51.80	34.13	6.68	7.85	4.0	2.550	86.6	4.1	2.7	1.0
1177	8/20/2014 18:01:12	17.96	51.94	34.24	6.67	7.85	4.3	2.612	86.5	3.8	2.5	0.9
1178	8/20/2014 18:16:11	17.44	51.83	34.15	6.71	7.85	4.3	2.677	86.0	3.6	2.3	0.9
1179	8/20/2014 18:31:11	16.79	51.76	34.09	6.69	7.84	3.9	2.740	84.7	3.9	2.5	0.9
1180	8/20/2014 18:46:12	16.60	51.79	34.11	6.67	7.84	3.7	2.812	84.2	4.3	2.8	1.0
1181	8/20/2014 19:01:12	16.42	51.71	34.05	6.63	7.84	3.9	2.879	83.3	3.5	2.3	0.8
1182	8/20/2014 19:16:11	16.16	51.64	33.99	6.65	7.84	3.4	2.944	83.2	3.4	2.2	0.8
1183	8/20/2014 19:31:12	16.00	51.49	33.88	6.71	7.85	3.4	3.011	83.5	4.2	2.7	1.0
1184	8/20/2014 19:46:11	15.70	51.56	33.92	6.80	7.85	3.8	3.078	84.2	3.4	2.2	0.8
1185	8/20/2014 20:01:11	15.39	51.50	33.87	6.95	7.86	2.9	3.133	85.5	3.3	2.1	0.8
1186	8/20/2014 20:16:11	15.19	51.57	33.92	7.02	7.87	3.2	3.191	86.0	3.2	2.1	0.8
1187	8/20/2014 20:31:11	15.07	51.47	33.84	7.04	7.87	2.3	3.243	86.1	3.9	2.5	0.9
1188	8/20/2014 20:46:11	14.93	51.53	33.88	7.06	7.88	2.4	3.277	86.1	7.4	4.8	1.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
1189	8/20/2014 21:01:11	14.84	51.51	33.87	7.06	7.88	2.1	3.301	85.9	6.2	4.0	1.5
1190	8/20/2014 21:16:11	14.98	51.51	33.87	6.86	7.86	2.1	3.324	83.7	4.5	2.9	1.1
1191	8/20/2014 21:31:11	14.97	51.63	33.96	6.88	7.86	2.9	3.318	83.9	2.9	1.9	0.7
1192	8/20/2014 21:46:11	14.91	51.52	33.87	6.88	7.86	2.1	3.302	83.8	3.7	2.4	0.9
1193	8/20/2014 22:01:11	14.97	51.49	33.85	6.89	7.86	2.1	3.268	84.0	4.0	2.6	0.9
1194	8/20/2014 22:16:11	15.36	51.45	33.83	6.64	7.84	3.1	3.211	81.6	3.0	2.0	0.7
1195	8/20/2014 22:31:11	15.50	51.38	33.78	6.62	7.84	5.7	3.138	81.6	3.7	2.4	0.9
1196	8/20/2014 22:46:11	15.65	51.72	34.04	6.47	7.83	5.1	3.077	80.0	3.6	2.3	0.9
1197	8/20/2014 23:01:11	16.42	51.58	33.95	6.58	7.85	5.6	2.993	82.6	3.7	2.4	0.9
1198	8/20/2014 23:16:12	17.05	51.76	34.09	6.74	7.87	5.9	2.890	85.8	3.6	2.3	0.9
1199	8/20/2014 23:31:12	16.98	51.78	34.10	6.70	7.87	4.6	2.802	85.2	3.7	2.4	0.9
1200	8/20/2014 23:46:12	17.11	51.79	34.11	6.60	7.86	5.0	2.725	84.1	3.4	2.2	0.8
1201	8/21/2014 0:01:12	17.32	51.88	34.18	6.59	7.86	4.3	2.624	84.4	4.2	2.7	1.0
1202	8/21/2014 0:16:12	17.72	51.83	34.15	6.58	7.86	5.4	2.519	84.8	4.0	2.6	0.9
1203	8/21/2014 0:31:12	18.18	51.99	34.27	6.50	7.85	5.6	2.435	84.5	3.5	2.3	0.8
1204	8/21/2014 0:46:11	18.48	51.87	34.19	6.54	7.86	6.7	2.339	85.6	4.0	2.6	0.9
1205	8/21/2014 1:01:11	18.31	51.94	34.24	6.47	7.84	7.2	2.221	84.4	3.8	2.5	0.9
1206	8/21/2014 1:16:11	18.12	51.82	34.15	6.62	7.86	8.3	2.125	85.9	4.3	2.8	1.0
1207	8/21/2014 1:31:11	18.10	51.93	34.23	6.65	7.87	8.5	2.019	86.4	4.4	2.9	1.0
1208	8/21/2014 1:46:11	18.08	51.96	34.25	6.76	7.88	8.6	1.909	87.8	4.0	2.6	0.9
1209	8/21/2014 2:01:11	18.38	51.95	34.24	6.75	7.89	8.6	1.799	88.2	3.6	2.3	0.8
1210	8/21/2014 2:16:11	18.48	51.95	34.25	6.86	7.90	7.0	1.696	89.8	4.0	2.6	1.0
1211	8/21/2014 2:31:11	18.68	51.97	34.26	6.84	7.90	6.2	1.603	89.8	4.0	2.6	0.9
1212	8/21/2014 2:46:11	18.71	52.07	34.34	6.79	7.90	7.0	1.496	89.2	3.8	2.5	0.9
1213	8/21/2014 3:01:11	18.97	52.14	34.38	6.89	7.91	7.4	1.416	91.0	3.8	2.5	0.9
1214	8/21/2014 3:16:11	19.25	52.03	34.31	6.88	7.92	6.3	1.357	91.4	3.9	2.5	0.9
1215	8/21/2014 3:31:11	19.38	52.23	34.45	6.89	7.92	5.4	1.283	91.8	4.5	2.9	1.1
1216	8/21/2014 3:46:11	19.59	52.14	34.38	7.05	7.94	4.8	1.259	94.3	4.2	2.7	1.0
1217	8/21/2014 4:01:11	19.82	52.17	34.41	7.18	7.95	4.2	1.250	96.4	4.4	2.9	1.0
1218	8/21/2014 4:16:11	19.83	52.20	34.43	6.87	7.94	2.9	1.238	92.3	3.9	2.5	0.9
1219	8/21/2014 4:31:11	19.89	52.27	34.48	7.36	7.98	3.7	1.264	98.9	4.7	3.1	1.1
1220	8/21/2014 4:46:11	19.85	52.23	34.45	7.39	7.97	4.5	1.306	99.3	4.1	2.7	1.0
1221	8/21/2014 5:01:11	19.91	52.24	34.45	7.50	7.98	4.2	1.358	100.9	4.0	2.6	0.9
1222	8/21/2014 5:16:11	19.90	52.21	34.44	7.52	7.99	4.2	1.413	101.1	3.5	2.3	0.8
1223	8/21/2014 5:31:11	19.81	52.18	34.41	7.45	7.98	4.3	1.485	100.1	4.1	2.7	1.0
1224	8/21/2014 5:46:11	19.94	52.22	34.45	7.26	7.96	5.6	1.553	97.7	4.8	3.1	1.1
1225	8/21/2014 6:01:11	20.20	52.09	34.35	7.06	7.95	6.4	1.632	95.4	5.5	3.6	1.3
1226	8/21/2014 6:16:11	20.05	52.25	34.47	7.10	7.95	6.2	1.694	95.7	5.2	3.4	1.2
1227	8/21/2014 6:31:11	19.81	52.02	34.30	7.15	7.95	5.6	1.776	96.0	4.6	3.0	1.1
1228	8/21/2014 6:46:11	19.68	52.05	34.32	7.11	7.94	5.3	1.856	95.1	3.9	2.5	0.9
1229	8/21/2014 7:01:11	19.54	52.05	34.32	7.08	7.93	5.4	1.928	94.5	4.1	2.7	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
1230	8/21/2014 7:16:11	19.24	51.95	34.24	6.94	7.91	5.2	2.002	92.1	3.9	2.5	0.9
1231	8/21/2014 7:31:11	18.78	51.94	34.24	6.64	7.87	5.9	2.077	87.3	3.3	2.1	0.8
1232	8/21/2014 7:46:11	18.58	51.97	34.25	6.52	7.85	5.0	2.161	85.5	3.1	2.0	0.7
1233	8/21/2014 8:01:11	18.39	51.88	34.19	6.46	7.84	4.9	2.239	84.3	3.8	2.5	0.9
1234	8/21/2014 8:16:11	18.17	51.92	34.22	6.45	7.84	5.2	2.318	83.9	3.2	2.1	0.8
1235	8/21/2014 8:31:12	18.06	51.94	34.23	6.40	7.83	5.4	2.384	83.1	3.0	2.0	0.7
1236	8/21/2014 8:46:12	17.80	51.91	34.21	6.40	7.83	5.1	2.463	82.6	3.2	2.1	0.7
1237	8/21/2014 9:01:11	17.61	51.79	34.12	6.41	7.83	5.3	2.533	82.4	3.1	2.0	0.7
1238	8/21/2014 9:16:11	17.46	51.68	34.04	6.39	7.83	5.5	2.593	81.9	3.0	2.0	0.7
1239	8/21/2014 9:31:11	17.14	51.68	34.03	6.41	7.82	5.3	2.665	81.7	3.4	2.2	0.8
1240	8/21/2014 9:46:11	16.80	51.51	33.91	6.46	7.83	5.6	2.720	81.8	3.2	2.1	0.8
1241	8/21/2014 10:01:11	16.65	51.64	34.00	6.47	7.83	5.3	2.782	81.6	3.6	2.3	0.8
1242	8/21/2014 10:16:11	16.42	51.66	34.01	6.49	7.83	4.7	2.830	81.6	3.7	2.4	0.9
1243	8/21/2014 10:31:12	16.12	51.70	34.03	6.54	7.83	4.1	2.873	81.7	3.5	2.3	0.8
1244	8/21/2014 10:46:12	16.01	51.57	33.94	6.56	7.83	3.1	2.899	81.7	3.3	2.1	0.8
1245	8/21/2014 11:01:11	16.45	51.33	33.77	6.48	7.83	4.2	2.920	81.3	3.0	2.0	0.7
1246	8/21/2014 11:16:12	16.30	51.68	34.02	6.39	7.82	2.8	2.923	80.1	3.0	2.0	0.7
1247	8/21/2014 11:31:11	15.96	51.59	33.95	6.47	7.82	3.1	2.902	80.6	2.3	1.5	0.5
1248	8/21/2014 11:46:12	16.15	51.56	33.93	6.42	7.82	3.3	2.866	80.2	2.7	1.8	0.6
1249	8/21/2014 12:01:11	16.44	51.57	33.94	6.43	7.82	3.2	2.839	80.7	2.9	1.9	0.7
1250	8/21/2014 12:16:12	16.97	51.73	34.07	6.52	7.84	3.9	2.775	82.8	3.2	2.1	0.8
1251	8/21/2014 12:31:11	17.24	51.60	33.97	6.67	7.85	4.6	2.712	85.1	2.9	1.9	0.7
1252	8/21/2014 12:46:11	17.65	51.71	34.06	6.85	7.86	4.7	2.641	88.2	3.2	2.1	0.7
1253	8/21/2014 13:01:11	17.79	51.80	34.13	6.81	7.86	4.5	2.580	87.9	3.1	2.0	0.7
1254	8/21/2014 13:16:11	18.04	51.61	33.99	6.90	7.87	4.2	2.515	89.4	2.9	1.9	0.7
1255	8/21/2014 13:31:11	18.28	51.81	34.14	6.83	7.87	4.4	2.454	89.0	3.3	2.1	0.8
1256	8/21/2014 13:46:11	18.45	51.88	34.19	6.84	7.87	4.2	2.390	89.4	3.6	2.3	0.9
1257	8/21/2014 14:01:11	18.63	51.83	34.15	6.77	7.87	4.0	2.338	88.8	3.1	2.0	0.7
1258	8/21/2014 14:16:11	18.86	51.97	34.26	6.78	7.87	3.7	2.286	89.4	3.7	2.4	0.9
1259	8/21/2014 14:31:11	19.03	51.97	34.26	6.83	7.87	4.5	2.233	90.2	3.3	2.1	0.8
1260	8/21/2014 14:46:11	19.21	51.86	34.18	6.91	7.88	4.0	2.188	91.6	3.0	2.0	0.7
1261	8/21/2014 15:01:11	19.33	52.04	34.31	7.00	7.89	3.2	2.138	93.1	3.4	2.2	0.8
1262	8/21/2014 15:16:11	19.43	52.07	34.33	6.99	7.89	3.3	2.112	93.1	3.1	2.0	0.7
1263	8/21/2014 15:31:11	19.52	51.86	34.18	7.11	7.90	3.7	2.077	94.8	3.6	2.3	0.9
1264	8/21/2014 15:46:11	19.63	51.96	34.25	7.26	7.91	2.9	2.060	97.0	3.8	2.5	0.9
1265	8/21/2014 16:01:11	19.88	52.00	34.28	7.30	7.92	2.6	2.051	98.0	3.7	2.4	0.9
1266	8/21/2014 16:16:11	19.62	51.82	34.15	7.42	7.91	4.7	2.052	99.1	4.3	2.8	1.0
1267	8/21/2014 16:31:11	19.70	52.04	34.31	7.54	7.93	4.0	2.077	101.0	5.1	3.3	1.2
1268	8/21/2014 16:46:11	19.52	51.99	34.27	7.36	7.92	4.6	2.102	98.2	5.3	3.4	1.2
1269	8/21/2014 17:01:11	19.63	52.02	34.30	7.49	7.93	4.4	2.145	100.2	5.4	3.5	1.3
1270	8/21/2014 17:16:11	19.54	51.90	34.21	7.43	7.92	4.5	2.186	99.1	5.1	3.3	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
1271	8/21/2014 17:31:11	19.34	52.04	34.31	7.27	7.90	4.3	2.247	96.7	4.0	2.6	0.9
1272	8/21/2014 17:46:11	19.46	51.83	34.16	7.39	7.91	5.1	2.316	98.4	4.9	3.2	1.1
1273	8/21/2014 18:01:11	19.12	51.95	34.24	7.36	7.91	5.3	2.371	97.5	4.1	2.7	1.0
1274	8/21/2014 18:16:11	18.82	51.89	34.20	7.31	7.90	4.6	2.436	96.2	4.5	2.9	1.1
1275	8/21/2014 18:31:11	18.66	51.77	34.11	7.16	7.89	4.5	2.511	93.9	3.9	2.5	0.9
1276	8/21/2014 18:46:11	18.32	51.81	34.14	7.08	7.88	5.1	2.580	92.3	4.0	2.6	0.9
1277	8/21/2014 19:01:12	17.64	51.80	34.13	6.94	7.86	4.9	2.643	89.3	4.2	2.7	1.0
1278	8/21/2014 19:16:11	17.27	51.68	34.04	6.89	7.86	4.8	2.721	88.0	4.4	2.9	1.0
1279	8/21/2014 19:31:12	17.13	51.69	34.04	6.91	7.86	4.4	2.791	88.0	3.6	2.3	0.8
1280	8/21/2014 19:46:12	16.92	51.58	33.96	6.90	7.86	4.1	2.870	87.5	3.3	2.1	0.8
1281	8/21/2014 20:01:11	16.39	51.66	34.01	6.98	7.86	4.8	2.943	87.6	4.6	3.0	1.1
1282	8/21/2014 20:16:11	15.98	51.54	33.91	7.05	7.87	4.4	3.015	87.8	4.1	2.7	1.0
1283	8/21/2014 20:31:11	15.74	51.47	33.85	7.09	7.87	4.8	3.087	87.9	5.6	3.6	1.3
1284	8/21/2014 20:46:11	15.42	51.45	33.83	7.27	7.89	4.7	3.152	89.4	6.0	3.9	1.4
1285	8/21/2014 21:01:11	15.24	51.45	33.83	7.38	7.90	3.9	3.213	90.5	5.4	3.5	1.3
1286	8/21/2014 21:16:11	15.00	51.42	33.80	7.51	7.91	4.3	3.272	91.6	6.5	4.2	1.5
1287	8/21/2014 21:31:11	14.83	51.45	33.82	7.54	7.91	2.4	3.315	91.7	5.8	3.8	1.4
1288	8/21/2014 21:46:11	14.69	51.45	33.82	7.56	7.92	2.4	3.347	91.7	7.2	4.7	1.7
1289	8/21/2014 22:01:11	14.63	51.39	33.77	7.51	7.91	2.0	3.369	90.9	4.4	2.9	1.0
1290	8/21/2014 22:16:11	15.07	51.44	33.82	7.38	7.90	2.9	3.376	90.1	5.9	3.8	1.4
1291	8/21/2014 22:31:11	14.82	51.31	33.72	7.34	7.89	2.5	3.364	89.3	4.6	3.0	1.1
1292	8/21/2014 22:46:11	14.74	51.41	33.79	7.37	7.90	2.9	3.337	89.5	5.2	3.4	1.2
1293	8/21/2014 23:01:11	15.20	51.44	33.82	7.10	7.88	3.9	3.281	87.0	4.8	3.1	1.1
1294	8/21/2014 23:16:11	15.46	51.52	33.89	6.97	7.87	5.0	3.221	85.8	4.3	2.8	1.0
1295	8/21/2014 23:31:11	15.64	51.53	33.90	6.88	7.86	5.7	3.149	85.1	4.9	3.2	1.2
1296	8/21/2014 23:46:11	15.80	51.55	33.92	6.91	7.86	6.0	3.060	85.7	4.5	2.9	1.1
1297	8/22/2014 0:01:11	16.87	51.62	33.98	6.98	7.88	6.5	2.971	88.4	3.8	2.5	0.9
1298	8/22/2014 0:16:11	16.94	51.54	33.93	6.98	7.89	4.8	2.871	88.6	4.7	3.1	1.1
1299	8/22/2014 0:31:12	17.16	51.70	34.05	6.88	7.88	5.4	2.782	87.6	3.9	2.5	0.9
1300	8/22/2014 0:46:12	17.50	51.75	34.09	6.78	7.87	4.7	2.683	87.0	3.8	2.5	0.9
1301	8/22/2014 1:01:12	17.80	51.80	34.13	6.75	7.87	5.6	2.572	87.2	3.8	2.5	0.9
1302	8/22/2014 1:16:11	18.42	51.85	34.17	6.70	7.87	5.8	2.465	87.6	3.7	2.4	0.9
1303	8/22/2014 1:31:11	18.51	51.83	34.16	6.81	7.88	6.2	2.372	89.1	3.8	2.5	0.9
1304	8/22/2014 1:46:11	18.45	51.87	34.18	6.70	7.88	6.7	2.270	87.6	4.0	2.6	0.9
1305	8/22/2014 2:01:11	18.29	51.99	34.27	6.84	7.88	8.1	2.155	89.2	4.0	2.6	0.9
1306	8/22/2014 2:16:11	17.99	51.91	34.21	6.73	7.86	8.2	2.033	87.2	4.1	2.7	1.0
1307	8/22/2014 2:31:11	18.10	51.84	34.16	6.64	7.88	8.9	1.939	86.2	4.0	2.6	1.0
1308	8/22/2014 2:46:11	18.17	51.88	34.19	6.93	7.89	9.7	1.817	90.2	3.9	2.5	0.9
1309	8/22/2014 3:01:11	17.93	51.93	34.23	6.82	7.88	7.3	1.702	88.3	4.0	2.6	0.9
1310	8/22/2014 3:16:11	18.65	52.03	34.31	6.91	7.91	6.5	1.596	90.8	4.3	2.8	1.0
1311	8/22/2014 3:31:12	18.65	52.02	34.30	6.76	7.89	6.2	1.501	88.8	4.3	2.8	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS
1312	8/22/2014 3:46:11	18.84	51.95	34.24	6.75	7.90	5.9	1.416	89.0	4.0	2.6	0.9
1313	8/22/2014 4:01:11	19.18	52.09	34.35	6.87	7.91	5.3	1.329	91.1	4.2	2.7	1.0
1314	8/22/2014 4:16:11	19.38	51.91	34.22	6.94	7.92	4.8	1.267	92.3	4.2	2.7	1.0
1315	8/22/2014 4:31:11	19.70	52.11	34.36	7.08	7.94	4.3	1.239	94.9	4.2	2.7	1.0
1316	8/22/2014 4:46:11	19.74	52.07	34.34	7.01	7.94	3.6	1.218	94.0	4.5	2.9	1.1
1317	8/22/2014 5:01:11	19.59	52.17	34.41	6.94	7.93	3.5	1.207	92.8	4.2	2.7	1.0
1318	8/22/2014 5:16:11	19.98	52.26	34.47	7.42	7.98	3.6	1.251	99.9	4.0	2.6	1.0
1319	8/22/2014 5:31:11	19.91	52.10	34.35	7.43	7.98	3.7	1.291	99.8	3.7	2.4	0.9
1320	8/22/2014 5:46:11	20.08	52.13	34.38	7.66	8.01	4.7	1.336	103.3	4.1	2.7	1.0
1321	8/22/2014 6:01:11	20.00	52.31	34.51	7.63	8.00	4.4	1.420	102.9	3.6	2.3	0.8
1322	8/22/2014 6:16:11	19.89	52.20	34.43	7.56	7.99	4.5	1.482	101.6	3.5	2.3	0.8
1323	8/22/2014 6:31:11	19.97	52.21	34.43	7.33	7.97	5.2	1.561	98.8	4.6	3.0	1.1
1324	8/22/2014 6:46:11	20.04	52.29	34.49	7.21	7.96	5.9	1.650	97.3	4.8	3.1	1.1
1325	8/22/2014 7:01:11	19.85	52.08	34.34	7.20	7.96	5.9	1.722	96.7	4.1	2.7	1.0
1326	8/22/2014 7:16:11	19.71	51.96	34.25	7.16	7.95	5.4	1.802	95.9	3.8	2.5	0.9
1327	8/22/2014 7:31:11	19.59	52.07	34.33	7.12	7.94	5.4	1.885	95.2	3.8	2.5	0.9
1328	8/22/2014 7:46:11	19.49	52.05	34.32	7.12	7.94	4.9	1.960	95.0	3.7	2.4	0.9
1329	8/22/2014 8:01:11	19.17	52.05	34.32	6.99	7.91	5.0	2.043	92.6	3.4	2.2	0.8
1330	8/22/2014 8:16:11	18.88	51.90	34.21	6.79	7.88	5.1	2.128	89.5	3.5	2.3	0.8
1331	8/22/2014 8:31:11	18.71	52.00	34.28	6.69	7.87	5.1	2.203	87.9	3.5	2.3	0.8
1332	8/22/2014 8:46:11	18.50	51.92	34.22	6.64	7.86	5.5	2.287	86.9	3.6	2.3	0.8
1333	8/22/2014 9:01:11	18.29	51.80	34.13	6.60	7.85	5.4	2.360	85.9	3.4	2.2	0.8
1334	8/22/2014 9:16:11	18.09	51.90	34.20	6.60	7.85	5.5	2.436	85.7	3.5	2.3	0.8
1335	8/22/2014 9:31:11	17.88	51.72	34.07	6.60	7.84	5.7	2.519	85.3	3.7	2.4	0.9
1336	8/22/2014 9:46:11	17.67	51.77	34.11	6.57	7.84	5.7	2.590	84.6	3.1	2.0	0.7
1337	8/22/2014 10:01:11	17.37	51.72	34.06	6.60	7.84	7.0	2.669	84.4	4.2	2.7	1.0
1338	8/22/2014 10:16:12	16.97	51.70	34.05	6.66	7.84	6.4	2.739	84.6	3.6	2.3	0.8
1339	8/22/2014 10:31:11	16.74	51.65	34.01	6.70	7.85	7.1	2.803	84.6	4.0	2.6	0.9
1340	8/22/2014 10:46:11	16.32	51.59	33.96	6.80	7.85	5.5	2.861	85.3	4.1	2.7	1.0
1341	8/22/2014 11:01:12	15.98	51.55	33.92	6.93	7.86	4.8	2.923	86.2	4.7	3.1	1.1
1342	8/22/2014 11:16:12	15.76	51.59	33.95	7.02	7.87	3.7	2.963	87.0	5.4	3.5	1.3
1343	8/22/2014 11:31:11	15.79	51.49	33.87	7.01	7.87	2.7	2.986	86.9	5.8	3.8	1.4
1344	8/22/2014 11:46:11	16.12	51.42	33.83	6.95	7.86	3.6	3.001	86.7	3.5	2.3	0.8
Mean		17.04	51.81	34.12	7.37	7.94	6.45	2.36	93.54	4.71	3.06	1.11
Minimum		12.73	51.04	33.46	5.41	7.75	1.10	0.60	69.90	1.60	1.04	0.40
Maximum		20.36	52.53	34.67	9.95	8.17	20.70	3.71	119.70	20.10	13.07	4.70

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.65)	Fluorescence %FS

Chlorophyll/Fluorescence displayed as *in vivo* (non-extractive) readings from YSI 6025 chlorophyll probe

Chlorophyll corrected with ratio derived from extractive analysis; Sample collected at 11:45; value = 5.23

Flagged data due to suspect values (i.e., equipment malfunction, interference, etc.)

Data listed as outlier and discarded due to field issues (i.e., equipment malfunction, interference, etc.)

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
0	8/22/2014 12:16:03	15.86	52.03	34.27	7.31	7.85	3.5	2.895	91.0	3.9	1.2	0.9
1	8/22/2014 12:31:03	15.87	52.13	34.34	6.90	7.86	3.1	2.861	85.9	2.9	0.9	0.7
2	8/22/2014 12:46:03	16.22	52.12	34.34	6.75	7.86	3.8	2.800	84.6	2.7	0.8	0.6
3	8/22/2014 13:01:03	16.90	52.04	34.29	7.10	7.88	3.9	2.737	90.1	3.4	1.1	0.8
4	8/22/2014 13:16:03	17.36	52.13	34.37	7.03	7.88	5.5	2.676	90.1	2.6	0.8	0.6
5	8/22/2014 13:31:03	17.52	52.12	34.36	7.04	7.89	4.8	2.596	90.5	3.2	1.0	0.8
6	8/22/2014 13:46:03	17.69	52.12	34.37	7.03	7.89	4.8	2.517	90.6	3.3	1.0	0.8
7	8/22/2014 14:01:03	17.81	52.16	34.40	7.06	7.90	4.7	2.449	91.4	2.8	0.9	0.7
8	8/22/2014 14:16:03	18.10	52.23	34.45	7.16	7.90	5.0	2.386	93.1	2.6	0.8	0.6
9	8/22/2014 14:31:03	18.32	52.22	34.44	7.07	7.89	4.1	2.315	92.4	1.8	0.6	0.4
10	8/22/2014 14:46:03	18.57	52.18	34.41	7.11	7.90	7.2	2.245	93.3	2.7	0.8	0.6
11	8/22/2014 15:01:03	18.88	52.24	34.46	7.34	7.91	4.2	2.201	96.8	3.4	1.1	0.8
12	8/22/2014 15:16:02	19.18	52.27	34.48	7.37	7.92	4.2	2.135	97.8	2.6	0.8	0.6
13	8/22/2014 15:31:03	19.23	52.31	34.51	7.45	7.92	4.7	2.079	99.0	2.8	0.9	0.7
14	8/22/2014 15:46:03	19.38	52.24	34.46	7.63	7.93	3.6	2.036	101.7	3.2	1.0	0.8
15	8/22/2014 16:01:03	19.49	52.31	34.51	7.45	7.93	3.9	1.992	99.6	2.6	0.8	0.6
16	8/22/2014 16:16:03	19.58	52.30	34.50	7.58	7.93	3.2	1.961	101.3	2.8	0.9	0.7
17	8/22/2014 16:31:03	19.58	52.27	34.48	7.29	7.92	4.2	1.938	97.6	2.6	0.8	0.6
18	8/22/2014 16:46:03	19.64	52.24	34.46	7.59	7.94	3.2	1.938	101.6	3.5	1.1	0.8
19	8/22/2014 17:01:03	19.55	52.19	34.42	7.89	7.96	4.2	1.938	105.5	3.7	1.1	0.9
20	8/22/2014 17:16:03	19.76	52.25	34.47	7.89	7.96	2.8	1.952	105.9	4.8	1.5	1.1
21	8/22/2014 17:31:03	19.71	52.25	34.46	7.87	7.96	3.5	1.991	105.4	4.9	1.5	1.2
22	8/22/2014 17:46:03	20.01	52.29	34.50	7.93	7.97	3.9	2.030	107.0	4.9	1.5	1.2
23	8/22/2014 18:01:03	19.87	52.29	34.49	7.93	7.96	3.6	2.081	106.7	5.3	1.6	1.2
24	8/22/2014 18:16:03	19.85	52.23	34.45	7.80	7.95	4.7	2.140	104.9	5.3	1.6	1.2
25	8/22/2014 18:31:03	19.72	52.20	34.43	7.79	7.95	4.5	2.203	104.4	5.1	1.6	1.2
26	8/22/2014 18:46:03	19.33	52.15	34.39	7.67	7.93	4.3	2.278	102.1	3.9	1.2	0.9
27	8/22/2014 19:01:03	19.14	52.10	34.35	7.60	7.92	3.9	2.335	100.8	4.4	1.4	1.0
28	8/22/2014 19:16:03	18.92	52.10	34.36	7.42	7.91	4.2	2.409	98.0	3.9	1.2	0.9
29	8/22/2014 19:31:03	18.48	52.05	34.31	7.36	7.90	4.5	2.480	96.3	3.7	1.1	0.9
30	8/22/2014 19:46:03	17.84	51.96	34.25	7.13	7.88	4.7	2.557	92.2	3.0	0.9	0.7
31	8/22/2014 20:01:03	17.60	51.89	34.19	7.05	7.88	4.2	2.628	90.7	3.5	1.1	0.8
32	8/22/2014 20:16:03	17.48	51.91	34.21	7.04	7.88	4.2	2.706	90.4	4.0	1.2	1.0
33	8/22/2014 20:31:03	17.01	51.89	34.19	7.14	7.89	4.7	2.790	90.9	4.2	1.3	1.0
34	8/22/2014 20:46:03	16.51	51.84	34.14	7.20	7.90	4.6	2.866	90.6	4.6	1.4	1.1
35	8/22/2014 21:01:03	15.93	51.74	34.06	7.37	7.92	4.7	2.941	91.7	7.0	2.2	1.7
36	8/22/2014 21:16:03	15.65	51.70	34.02	7.48	7.93	4.0	3.009	92.5	7.9	2.4	1.9
37	8/22/2014 21:31:03	15.42	51.79	34.09	7.69	7.95	4.3	3.088	94.8	8.5	2.6	2.0
38	8/22/2014 21:46:03	15.02	51.71	34.01	8.06	7.98	3.7	3.150	98.5	10.2	3.2	2.4
39	8/22/2014 22:01:03	14.76	51.71	34.01	8.25	7.99	3.9	3.202	100.3	11.5	3.6	2.7
40	8/22/2014 22:16:03	14.61	51.66	33.97	8.34	8.00	3.2	3.251	101.1	11.4	3.5	2.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
41	8/22/2014 22:31:04	14.51	51.66	33.97	8.37	8.00	3.1	3.289	101.2	13.6	4.2	3.2
42	8/22/2014 22:46:03	14.48	51.63	33.94	8.35	8.00	2.0	3.317	101.0	14.8	4.6	3.5
43	8/22/2014 23:01:04	14.98	51.36	33.76	8.08	7.98	2.5	3.314	98.5	9.7	3.0	2.3
44	8/22/2014 23:16:03	14.71	51.69	33.99	8.10	7.98	2.5	3.312	98.4	7.6	2.4	1.8
45	8/22/2014 23:31:03	14.54	51.72	34.01	8.24	7.99	2.1	3.291	99.7	8.5	2.6	2.0
46	8/22/2014 23:46:03	14.74	51.54	33.89	8.00	7.97	3.3	3.227	97.2	8.0	2.5	1.9
47	8/23/2014 0:01:03	15.55	51.76	34.07	7.36	7.93	5.4	3.161	91.0	6.8	2.1	1.6
48	8/23/2014 0:16:03	15.41	51.97	34.22	7.51	7.94	6.0	3.081	92.6	7.5	2.3	1.8
49	8/23/2014 0:31:03	15.92	51.74	34.06	7.33	7.93	5.0	2.997	91.2	5.9	1.8	1.4
50	8/23/2014 0:46:03	16.65	51.41	33.83	7.20	7.93	5.0	2.907	90.8	5.9	1.8	1.4
51	8/23/2014 1:01:03	17.00	51.77	34.10	7.20	7.92	5.1	2.798	91.5	5.1	1.6	1.2
52	8/23/2014 1:16:03	17.00	51.86	34.17	7.13	7.91	4.8	2.708	90.6	4.1	1.3	1.0
53	8/23/2014 1:31:03	17.35	51.79	34.12	7.05	7.91	5.1	2.606	90.2	4.6	1.4	1.1
54	8/23/2014 1:46:03	17.69	51.82	34.14	6.95	7.90	5.3	2.492	89.6	3.8	1.2	0.9
55	8/23/2014 2:01:03	18.17	51.80	34.13	6.66	7.88	5.6	2.391	86.6	3.5	1.1	0.8
56	8/23/2014 2:16:03	18.49	51.81	34.14	6.68	7.88	5.9	2.281	87.4	3.6	1.1	0.8
57	8/23/2014 2:31:03	18.50	51.94	34.24	6.72	7.89	5.7	2.173	87.9	4.1	1.3	1.0
58	8/23/2014 2:46:03	18.57	51.87	34.18	6.87	7.90	6.8	2.057	90.0	4.2	1.3	1.0
59	8/23/2014 3:01:03	18.53	51.88	34.19	6.85	7.90	6.4	1.955	89.7	4.1	1.3	1.0
60	8/23/2014 3:16:03	18.13	52.05	34.31	6.84	7.89	7.3	1.843	89.0	3.7	1.1	0.9
61	8/23/2014 3:31:03	18.26	51.96	34.25	6.83	7.91	7.0	1.722	89.0	3.7	1.1	0.9
62	8/23/2014 3:46:03	18.67	51.82	34.15	6.77	7.91	6.1	1.618	88.8	4.2	1.3	1.0
63	8/23/2014 4:01:03	18.60	51.92	34.22	6.71	7.90	5.2	1.502	88.0	3.8	1.2	0.9
64	8/23/2014 4:16:03	18.81	52.02	34.30	6.75	7.90	5.4	1.407	88.9	4.1	1.3	1.0
65	8/23/2014 4:31:03	18.98	52.05	34.32	6.73	7.90	5.7	1.312	88.9	4.1	1.3	1.0
66	8/23/2014 4:46:03	19.20	51.97	34.26	6.79	7.91	5.2	1.238	90.0	4.1	1.3	1.0
67	8/23/2014 5:01:03	19.18	52.22	34.45	6.76	7.91	4.5	1.190	89.7	3.6	1.1	0.9
68	8/23/2014 5:16:03	19.41	51.95	34.24	6.66	7.90	3.5	1.133	88.7	3.7	1.1	0.9
69	8/23/2014 5:31:03	19.82	52.05	34.32	7.00	7.94	3.2	1.126	93.9	3.3	1.0	0.8
70	8/23/2014 5:46:03	19.74	52.28	34.49	6.84	7.92	2.9	1.132	91.8	3.9	1.2	0.9
71	8/23/2014 6:01:03	20.03	52.18	34.41	7.17	7.97	3.0	1.160	96.6	3.7	1.1	0.9
72	8/23/2014 6:16:03	19.80	52.25	34.46	7.08	7.94	3.5	1.213	95.0	3.1	1.0	0.7
73	8/23/2014 6:31:03	20.14	52.26	34.47	7.40	7.99	3.6	1.275	100.0	3.3	1.0	0.8
74	8/23/2014 6:46:03	20.06	52.28	34.49	7.41	7.98	3.6	1.348	100.0	3.5	1.1	0.8
75	8/23/2014 7:01:03	19.94	52.27	34.48	7.31	7.97	3.8	1.437	98.4	2.8	0.9	0.7
76	8/23/2014 7:16:03	19.98	52.26	34.48	7.16	7.96	4.5	1.518	96.5	3.5	1.1	0.8
77	8/23/2014 7:31:03	20.04	52.27	34.48	7.10	7.95	4.5	1.593	95.8	3.7	1.1	0.9
78	8/23/2014 7:46:02	19.82	52.25	34.46	7.04	7.94	4.1	1.684	94.6	4.0	1.2	0.9
79	8/23/2014 8:01:02	19.63	52.20	34.43	6.99	7.93	4.8	1.769	93.6	3.1	1.0	0.7
80	8/23/2014 8:16:03	19.55	52.18	34.42	6.95	7.93	4.2	1.850	92.9	3.3	1.0	0.8
81	8/23/2014 8:31:03	19.45	52.18	34.42	6.96	7.92	4.1	1.929	92.8	3.1	1.0	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
82	8/23/2014 8:46:03	19.18	52.12	34.37	6.84	7.90	4.1	2.018	90.8	3.0	0.9	0.7
83	8/23/2014 9:01:03	19.01	52.02	34.30	6.72	7.89	4.2	2.103	88.8	3.6	1.1	0.9
84	8/23/2014 9:16:03	18.77	52.04	34.31	6.66	7.87	4.6	2.188	87.6	3.1	1.0	0.7
85	8/23/2014 9:31:03	18.47	51.96	34.25	6.63	7.87	4.5	2.275	86.7	3.5	1.1	0.8
86	8/23/2014 9:46:03	18.18	51.96	34.25	6.61	7.86	5.0	2.348	86.1	3.2	1.0	0.8
87	8/23/2014 10:01:03	17.99	51.93	34.23	6.63	7.86	5.7	2.431	86.0	3.5	1.1	0.8
88	8/23/2014 10:16:03	17.85	51.87	34.18	6.64	7.87	5.9	2.517	85.8	3.2	1.0	0.8
89	8/23/2014 10:31:03	17.56	51.82	34.14	6.69	7.87	6.3	2.590	86.0	3.8	1.2	0.9
90	8/23/2014 10:46:03	17.07	51.79	34.11	6.86	7.88	6.5	2.662	87.3	3.9	1.2	0.9
91	8/23/2014 11:01:03	16.77	51.77	34.09	6.97	7.89	4.9	2.734	88.3	4.4	1.4	1.0
92	8/23/2014 11:16:03	16.23	51.74	34.06	7.22	7.91	5.1	2.807	90.3	6.1	1.9	1.4
93	8/23/2014 11:31:04	15.76	51.73	34.04	7.48	7.93	4.6	2.855	92.7	7.2	2.2	1.7
94	8/23/2014 11:46:03	15.58	51.65	33.98	7.56	7.94	2.9	2.905	93.4	7.0	2.2	1.7
95	8/23/2014 12:01:03	15.50	51.68	34.01	7.62	7.95	2.5	2.955	94.0	6.2	1.9	1.5
96	8/23/2014 12:16:04	15.45	51.69	34.01	7.66	7.95	2.3	2.974	94.4	4.8	1.5	1.1
97	8/23/2014 12:31:03	15.77	51.73	34.05	7.50	7.94	3.4	2.975	93.0	8.3	2.6	2.0
98	8/23/2014 12:46:03	15.46	51.75	34.06	7.63	7.94	2.8	2.957	94.1	5.7	1.8	1.4
99	8/23/2014 13:01:04	15.51	51.69	34.01	7.59	7.94	3.9	2.927	93.6	7.7	2.4	1.8
100	8/23/2014 13:16:04	15.86	51.66	34.00	7.37	7.93	5.1	2.881	91.5	5.5	1.7	1.3
101	8/23/2014 13:31:03	16.97	51.55	33.94	7.65	7.94	4.5	2.804	97.1	4.7	1.5	1.1
102	8/23/2014 13:46:03	17.02	51.86	34.17	7.70	7.94	6.0	2.727	97.9	5.3	1.6	1.3
103	8/23/2014 14:01:03	17.35	51.77	34.10	7.81	7.95	5.4	2.648	99.9	3.7	1.1	0.9
104	8/23/2014 14:16:03	17.42	51.83	34.14	7.88	7.96	4.6	2.575	101.0	3.3	1.0	0.8
105	8/23/2014 14:31:03	17.71	51.78	34.11	7.96	7.96	4.5	2.492	102.6	4.0	1.2	0.9
106	8/23/2014 14:46:03	18.08	51.83	34.15	7.75	7.95	5.1	2.411	100.7	3.5	1.1	0.8
107	8/23/2014 15:01:03	18.35	51.88	34.19	7.82	7.95	4.8	2.338	102.0	3.9	1.2	0.9
108	8/23/2014 15:16:03	18.85	51.90	34.21	7.59	7.94	4.3	2.278	100.0	3.1	1.0	0.7
109	8/23/2014 15:31:03	19.00	51.95	34.24	7.73	7.95	4.0	2.202	102.1	3.2	1.0	0.8
110	8/23/2014 15:46:03	19.35	52.00	34.28	7.77	7.95	4.7	2.129	103.4	2.8	0.9	0.7
111	8/23/2014 16:01:03	19.42	52.06	34.32	7.99	7.96	4.4	2.073	106.5	3.5	1.1	0.8
112	8/23/2014 16:16:03	19.54	51.97	34.26	8.09	7.97	5.6	2.027	107.9	3.6	1.1	0.8
113	8/23/2014 16:31:03	19.86	52.01	34.28	8.35	7.99	4.8	1.966	112.1	4.1	1.3	1.0
114	8/23/2014 16:46:03	19.88	52.07	34.34	8.45	8.00	4.3	1.918	113.6	3.5	1.1	0.8
115	8/23/2014 17:01:03	19.97	52.06	34.33	8.71	8.02	3.9	1.887	117.2	4.9	1.5	1.2
116	8/23/2014 17:16:03	20.19	52.04	34.31	8.65	8.02	3.2	1.870	116.9	3.7	1.1	0.9
117	8/23/2014 17:31:03	20.22	52.13	34.37	8.52	8.02	3.3	1.850	115.2	2.7	0.8	0.6
118	8/23/2014 17:46:02	20.16	52.06	34.33	8.46	8.01	3.4	1.868	114.2	5.2	1.6	1.2
119	8/23/2014 18:01:02	20.33	52.13	34.37	8.55	8.02	3.6	1.891	115.9	5.0	1.6	1.2
120	8/23/2014 18:16:02	20.17	52.13	34.37	8.38	8.00	3.6	1.922	113.2	3.8	1.2	0.9
121	8/23/2014 18:31:02	20.11	52.10	34.35	8.26	7.99	4.1	1.961	111.5	4.6	1.4	1.1
122	8/23/2014 18:46:03	20.01	52.15	34.39	8.14	7.98	3.9	2.018	109.6	3.8	1.2	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
123	8/23/2014 19:01:03	20.12	52.12	34.37	8.03	7.97	5.9	2.097	108.4	4.8	1.5	1.1
124	8/23/2014 19:16:03	19.78	52.08	34.34	7.95	7.96	4.9	2.156	106.6	4.6	1.4	1.1
125	8/23/2014 19:31:03	19.60	52.06	34.33	7.86	7.95	4.1	2.229	105.1	4.8	1.5	1.1
126	8/23/2014 19:46:03	19.39	52.04	34.31	7.73	7.94	4.9	2.301	103.0	4.4	1.4	1.0
127	8/23/2014 20:01:03	18.99	51.99	34.28	7.67	7.93	4.5	2.378	101.4	5.2	1.6	1.2
128	8/23/2014 20:16:03	18.43	51.91	34.21	7.48	7.91	5.1	2.453	97.7	4.5	1.4	1.1
129	8/23/2014 20:31:03	18.10	51.89	34.20	7.35	7.90	4.4	2.523	95.5	5.0	1.6	1.2
130	8/23/2014 20:46:03	17.85	51.83	34.15	7.30	7.90	4.7	2.613	94.3	4.7	1.5	1.1
131	8/23/2014 21:01:03	17.52	51.81	34.13	7.36	7.91	5.3	2.688	94.5	5.1	1.6	1.2
132	8/23/2014 21:16:03	17.06	51.78	34.11	7.46	7.91	5.3	2.766	95.0	4.8	1.5	1.1
133	8/23/2014 21:31:03	16.56	51.76	34.09	7.61	7.93	5.8	2.850	95.9	5.6	1.7	1.3
134	8/23/2014 21:46:03	16.16	51.70	34.04	7.78	7.95	6.0	2.930	97.3	7.0	2.2	1.7
135	8/23/2014 22:01:03	15.61	51.68	34.01	8.15	7.98	6.1	3.011	100.7	8.4	2.6	2.0
136	8/23/2014 22:16:03	15.20	51.56	33.91	8.35	7.99	5.1	3.084	102.3	10.8	3.3	2.6
137	8/23/2014 22:31:03	14.96	51.64	33.96	8.46	8.00	4.3	3.151	103.2	13.5	4.2	3.2
138	8/23/2014 22:46:03	14.76	51.61	33.94	8.57	8.02	4.1	3.206	104.2	11.7	3.6	2.8
139	8/23/2014 23:01:03	14.60	51.62	33.94	8.71	8.03	3.8	3.255	105.5	14.8	4.6	3.5
140	8/23/2014 23:16:03	14.48	51.59	33.91	8.81	8.04	2.6	3.294	106.4	11.9	3.7	2.8
141	8/23/2014 23:31:03	14.44	51.62	33.93	8.79	8.03	2.0	3.315	106.1	9.2	2.9	2.2
142	8/23/2014 23:46:04	14.94	51.66	33.97	8.43	8.01	2.4	3.323	102.8	8.9	2.8	2.1
143	8/24/2014 0:01:04	14.65	51.72	34.01	8.54	8.02	2.2	3.305	103.6	11.5	3.6	2.7
144	8/24/2014 0:16:04	14.50	51.61	33.93	8.74	8.03	2.9	3.267	105.6	10.8	3.3	2.6
145	8/24/2014 0:31:03	15.62	51.66	34.00	7.66	7.95	7.5	3.218	94.8	7.0	2.2	1.7
146	8/24/2014 0:46:03	15.49	51.68	34.01	7.90	7.97	5.9	3.139	97.5	8.6	2.7	2.0
147	8/24/2014 1:01:03	15.66	51.72	34.04	7.67	7.95	5.4	3.053	95.0	6.8	2.1	1.6
148	8/24/2014 1:16:04	15.84	51.84	34.13	7.68	7.95	5.0	2.960	95.4	10.0	3.1	2.4
149	8/24/2014 1:31:03	16.56	51.61	33.97	7.53	7.95	5.7	2.865	94.9	5.0	1.6	1.2
150	8/24/2014 1:46:03	16.86	51.67	34.02	7.43	7.94	5.2	2.765	94.1	5.5	1.7	1.3
151	8/24/2014 2:01:03	16.85	51.80	34.12	7.52	7.94	5.1	2.651	95.3	5.8	1.8	1.4
152	8/24/2014 2:16:03	17.24	51.75	34.09	7.34	7.93	4.8	2.555	93.7	4.7	1.5	1.1
153	8/24/2014 2:31:03	17.60	51.80	34.13	7.21	7.91	5.4	2.451	92.7	4.4	1.4	1.1
154	8/24/2014 2:46:03	18.19	51.70	34.05	6.98	7.90	5.2	2.348	90.7	3.9	1.2	0.9
155	8/24/2014 3:01:03	18.38	51.94	34.23	7.02	7.90	5.2	2.240	91.6	3.6	1.1	0.9
156	8/24/2014 3:16:03	18.67	51.91	34.22	7.04	7.91	5.4	2.127	92.5	3.9	1.2	0.9
157	8/24/2014 3:31:03	18.53	51.89	34.20	7.08	7.91	6.5	2.027	92.7	3.9	1.2	0.9
158	8/24/2014 3:46:03	18.15	51.98	34.27	7.04	7.90	6.8	1.893	91.6	3.6	1.1	0.9
159	8/24/2014 4:01:03	18.04	51.95	34.24	7.11	7.91	6.8	1.782	92.2	4.0	1.2	1.0
160	8/24/2014 4:16:03	18.14	51.99	34.27	7.08	7.91	7.2	1.671	92.1	4.1	1.3	1.0
161	8/24/2014 4:31:03	18.40	51.94	34.24	7.00	7.91	5.9	1.560	91.4	4.0	1.2	1.0
162	8/24/2014 4:46:03	18.55	51.99	34.27	6.89	7.91	4.8	1.441	90.3	3.8	1.2	0.9
163	8/24/2014 5:01:03	18.71	52.10	34.36	6.85	7.91	5.3	1.346	90.1	3.7	1.1	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
164	8/24/2014 5:16:03	18.98	52.07	34.33	6.82	7.91	4.8	1.273	90.2	3.9	1.2	0.9
165	8/24/2014 5:31:03	19.09	52.08	34.34	6.79	7.90	4.5	1.202	90.0	3.8	1.2	0.9
166	8/24/2014 5:46:03	19.22	52.09	34.35	6.72	7.91	3.2	1.154	89.2	3.9	1.2	0.9
167	8/24/2014 6:01:03	19.51	52.01	34.29	6.73	7.91	3.3	1.130	89.8	4.0	1.2	0.9
168	8/24/2014 6:16:03	19.72	52.17	34.41	6.89	7.93	2.9	1.131	92.4	3.4	1.1	0.8
169	8/24/2014 6:31:03	19.79	52.18	34.42	7.07	7.95	2.9	1.157	94.9	4.0	1.2	1.0
170	8/24/2014 6:46:03	19.85	52.32	34.51	7.21	7.96	3.1	1.205	96.9	3.8	1.2	0.9
171	8/24/2014 7:01:03	19.85	52.25	34.47	7.21	7.96	3.2	1.255	96.9	2.8	0.9	0.7
172	8/24/2014 7:16:03	19.85	52.28	34.49	7.31	7.97	3.2	1.343	98.2	2.9	0.9	0.7
173	8/24/2014 7:31:03	19.74	52.27	34.48	7.23	7.96	3.6	1.429	97.0	3.2	1.0	0.7
174	8/24/2014 7:46:03	19.65	52.25	34.46	7.21	7.95	3.7	1.510	96.6	3.2	1.0	0.8
175	8/24/2014 8:01:03	19.53	52.21	34.44	7.15	7.94	3.6	1.596	95.5	3.6	1.1	0.8
176	8/24/2014 8:16:03	19.40	52.22	34.44	7.08	7.94	3.7	1.677	94.4	3.2	1.0	0.8
177	8/24/2014 8:31:03	19.31	52.20	34.43	7.05	7.93	4.7	1.779	93.7	3.3	1.0	0.8
178	8/24/2014 8:46:03	19.30	52.17	34.41	7.01	7.93	4.1	1.861	93.3	3.1	1.0	0.7
179	8/24/2014 9:01:03	19.30	52.22	34.45	6.97	7.93	4.0	1.935	92.8	3.4	1.1	0.8
180	8/24/2014 9:16:03	19.19	52.19	34.42	6.93	7.92	4.3	2.030	92.0	3.5	1.1	0.8
181	8/24/2014 9:31:03	18.86	52.08	34.34	6.82	7.89	5.4	2.128	90.0	3.4	1.1	0.8
182	8/24/2014 9:46:03	18.58	52.06	34.32	6.77	7.88	5.6	2.207	88.8	3.0	0.9	0.7
183	8/24/2014 10:01:03	18.29	51.99	34.27	6.75	7.87	5.1	2.285	88.0	3.8	1.2	0.9
184	8/24/2014 10:16:03	17.99	51.95	34.24	6.77	7.87	5.6	2.381	87.8	3.6	1.1	0.9
185	8/24/2014 10:31:03	17.85	51.93	34.22	6.78	7.88	9.7	2.468	87.6	4.2	1.3	1.0
186	8/24/2014 10:46:04	17.64	51.92	34.22	6.84	7.88	6.7	2.543	88.1	3.9	1.2	0.9
187	8/24/2014 11:01:04	17.08	51.88	34.18	7.02	7.89	6.8	2.622	89.3	4.9	1.5	1.2
188	8/24/2014 11:16:04	16.74	51.81	34.13	7.13	7.90	6.1	2.704	90.2	5.1	1.6	1.2
189	8/24/2014 11:31:03	16.31	51.76	34.08	7.29	7.91	5.7	2.781	91.4	5.4	1.7	1.3
190	8/24/2014 11:46:03	15.73	51.72	34.04	7.48	7.93	6.1	2.848	92.8	5.9	1.8	1.4
191	8/24/2014 12:01:03	15.42	51.70	34.02	7.60	7.94	5.2	2.910	93.6	8.2	2.5	1.9
192	8/24/2014 12:16:04	15.18	51.74	34.05	7.66	7.95	5.6	2.967	93.9	8.3	2.6	2.0
193	8/24/2014 12:31:03	15.04	51.69	34.00	7.74	7.96	2.8	3.011	94.6	10.0	3.1	2.4
194	8/24/2014 12:46:03	15.01	51.74	34.04	7.74	7.96	2.0	3.039	94.5	5.0	1.6	1.2
195	8/24/2014 13:01:04	15.39	51.74	34.05	7.64	7.95	3.2	3.043	94.1	5.0	1.6	1.2
196	8/24/2014 13:16:04	15.18	51.75	34.05	7.55	7.94	3.5	3.032	92.6	9.5	2.9	2.3
197	8/24/2014 13:31:03	15.13	51.65	33.98	7.64	7.95	4.0	3.002	93.6	7.8	2.4	1.8
198	8/24/2014 13:46:04	15.26	51.68	34.00	7.48	7.94	3.4	2.955	91.9	6.2	1.9	1.5
199	8/24/2014 14:01:04	15.88	51.66	34.00	7.43	7.94	4.5	2.875	92.3	5.1	1.6	1.2
200	8/24/2014 14:16:03	16.11	51.76	34.08	7.67	7.95	5.1	2.800	95.8	7.3	2.3	1.7
201	8/24/2014 14:31:03	17.00	51.69	34.04	7.73	7.96	4.6	2.729	98.2	4.0	1.2	0.9
202	8/24/2014 14:46:03	17.32	51.79	34.12	7.84	7.96	4.7	2.636	100.3	3.6	1.1	0.9
203	8/24/2014 15:01:03	17.57	51.79	34.12	7.59	7.94	5.1	2.544	97.5	4.8	1.5	1.1
204	8/24/2014 15:16:03	17.62	51.80	34.13	7.82	7.96	4.5	2.463	100.6	3.5	1.1	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
205	8/24/2014 15:31:03	18.00	51.95	34.24	7.67	7.96	4.8	2.382	99.5	3.6	1.1	0.8
206	8/24/2014 15:46:03	18.48	51.90	34.20	7.59	7.95	5.0	2.298	99.3	3.1	1.0	0.7
207	8/24/2014 16:01:03	18.73	51.98	34.26	7.74	7.96	4.7	2.225	101.7	2.6	0.8	0.6
208	8/24/2014 16:16:03	18.74	52.01	34.29	7.72	7.95	4.4	2.157	101.5	3.4	1.1	0.8
209	8/24/2014 16:31:03	18.72	52.11	34.36	7.74	7.95	4.8	2.081	101.7	3.7	1.1	0.9
210	8/24/2014 16:46:03	18.75	52.09	34.35	7.79	7.95	4.0	2.016	102.5	4.5	1.4	1.1
211	8/24/2014 17:01:03	18.82	52.07	34.33	7.67	7.95	3.9	1.961	101.0	3.3	1.0	0.8
212	8/24/2014 17:16:03	18.91	52.02	34.29	7.73	7.96	3.9	1.897	102.0	4.0	1.2	0.9
213	8/24/2014 17:31:03	18.95	52.06	34.32	8.00	7.97	3.6	1.847	105.6	4.0	1.2	1.0
214	8/24/2014 17:46:03	19.00	52.08	34.34	7.87	7.97	3.4	1.823	104.1	4.0	1.2	0.9
215	8/24/2014 18:01:03	19.05	52.08	34.34	7.72	7.97	2.8	1.803	102.2	2.8	0.9	0.7
216	8/24/2014 18:16:03	19.09	52.04	34.31	7.87	7.97	3.5	1.782	104.2	3.9	1.2	0.9
217	8/24/2014 18:31:03	19.26	52.09	34.34	8.01	7.99	3.7	1.804	106.5	4.4	1.4	1.0
218	8/24/2014 18:46:03	19.28	52.11	34.36	8.10	7.99	3.5	1.828	107.6	4.6	1.4	1.1
219	8/24/2014 19:01:03	19.29	52.17	34.40	7.99	7.98	3.7	1.870	106.3	4.8	1.5	1.1
220	8/24/2014 19:16:03	19.38	52.16	34.40	7.90	7.98	4.0	1.920	105.2	4.8	1.5	1.1
221	8/24/2014 19:31:03	19.22	52.15	34.39	7.83	7.97	4.2	1.996	104.0	5.0	1.6	1.2
222	8/24/2014 19:46:03	19.23	52.14	34.39	7.74	7.96	5.6	2.069	102.8	4.7	1.5	1.1
223	8/24/2014 20:01:03	18.90	52.06	34.32	7.70	7.95	5.0	2.146	101.6	4.9	1.5	1.2
224	8/24/2014 20:16:03	18.67	52.06	34.33	7.66	7.94	4.6	2.237	100.6	5.0	1.6	1.2
225	8/24/2014 20:31:03	18.59	51.96	34.25	7.59	7.93	4.2	2.299	99.6	5.2	1.6	1.2
226	8/24/2014 20:46:03	18.16	52.00	34.27	7.46	7.92	5.0	2.377	97.1	4.8	1.5	1.1
227	8/24/2014 21:01:03	17.86	51.92	34.22	7.35	7.91	5.2	2.460	95.0	5.4	1.7	1.3
228	8/24/2014 21:16:03	17.71	51.92	34.21	7.27	7.91	5.0	2.537	93.7	5.3	1.6	1.3
229	8/24/2014 21:31:03	17.47	51.89	34.19	7.25	7.90	4.8	2.622	93.1	5.1	1.6	1.2
230	8/24/2014 21:46:03	17.09	51.90	34.20	7.34	7.91	5.2	2.698	93.5	4.4	1.4	1.1
231	8/24/2014 22:01:04	16.53	51.80	34.11	7.46	7.93	5.4	2.786	94.0	5.2	1.6	1.2
232	8/24/2014 22:16:04	16.29	51.78	34.10	7.50	7.93	5.6	2.865	94.0	4.6	1.4	1.1
233	8/24/2014 22:31:04	16.09	51.76	34.08	7.56	7.94	5.5	2.946	94.4	5.4	1.7	1.3
234	8/24/2014 22:46:03	15.62	51.77	34.07	7.88	7.97	4.7	3.025	97.5	6.4	2.0	1.5
235	8/24/2014 23:01:04	15.31	51.70	34.01	8.09	7.99	4.5	3.092	99.5	7.1	2.2	1.7
236	8/24/2014 23:16:04	14.98	51.68	33.99	8.32	8.01	6.0	3.166	101.6	7.4	2.3	1.8
237	8/24/2014 23:31:03	14.61	51.64	33.95	8.59	8.04	4.2	3.220	104.1	8.4	2.6	2.0
238	8/24/2014 23:46:03	14.40	51.57	33.90	8.81	8.05	2.6	3.257	106.3	10.9	3.4	2.6
239	8/25/2014 0:01:03	14.29	51.56	33.89	8.91	8.06	2.1	3.299	107.2	10.1	3.1	2.4
240	8/25/2014 0:16:03	14.29	51.54	33.87	8.80	8.05	1.8	3.323	105.9	7.7	2.4	1.8
241	8/25/2014 0:31:03	14.81	51.65	33.97	8.39	8.03	3.4	3.312	102.1	7.1	2.2	1.7
242	8/25/2014 0:46:04	14.43	51.70	33.99	8.58	8.04	3.2	3.278	103.7	7.3	2.3	1.7
243	8/25/2014 1:01:04	14.65	51.47	33.83	8.34	8.03	3.7	3.253	101.1	6.2	1.9	1.5
244	8/25/2014 1:16:04	15.44	51.52	33.89	7.73	7.98	5.3	3.186	95.2	7.3	2.3	1.7
245	8/25/2014 1:31:03	15.78	51.49	33.87	7.48	7.96	6.1	3.097	92.7	5.1	1.6	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
246	8/25/2014 1:46:03	15.70	51.71	34.03	7.60	7.96	5.7	3.014	94.1	5.2	1.6	1.2
247	8/25/2014 2:01:03	15.71	51.63	33.98	7.64	7.96	5.3	2.906	94.6	5.5	1.7	1.3
248	8/25/2014 2:16:03	16.40	51.74	34.07	7.21	7.92	5.9	2.807	90.6	4.5	1.4	1.1
249	8/25/2014 2:31:03	16.67	51.70	34.04	7.21	7.92	5.4	2.703	91.1	4.1	1.3	1.0
250	8/25/2014 2:46:03	16.74	51.83	34.13	7.24	7.92	5.3	2.595	91.6	4.3	1.3	1.0
251	8/25/2014 3:01:03	17.43	51.86	34.17	6.86	7.90	5.1	2.482	87.9	3.9	1.2	0.9
252	8/25/2014 3:16:03	17.54	51.87	34.18	6.89	7.89	5.3	2.377	88.6	4.7	1.5	1.1
253	8/25/2014 3:31:03	17.71	52.00	34.27	6.86	7.89	5.3	2.268	88.5	3.5	1.1	0.8
254	8/25/2014 3:46:03	17.90	51.92	34.22	6.87	7.89	5.6	2.166	89.0	3.5	1.1	0.8
255	8/25/2014 4:01:03	18.09	51.86	34.17	6.70	7.88	7.8	2.041	87.0	3.0	0.9	0.7
256	8/25/2014 4:16:03	17.95	51.95	34.24	6.78	7.89	5.9	1.928	87.8	3.7	1.1	0.9
257	8/25/2014 4:31:04	17.78	51.91	34.21	6.85	7.90	6.0	1.825	88.4	3.6	1.1	0.9
258	8/25/2014 4:46:04	17.54	51.98	34.26	6.82	7.90	6.5	1.703	87.7	4.1	1.3	1.0
259	8/25/2014 5:01:03	17.76	51.96	34.24	6.79	7.90	7.0	1.585	87.6	3.5	1.1	0.8
260	8/25/2014 5:16:03	17.88	51.97	34.25	6.70	7.89	5.5	1.478	86.7	3.8	1.2	0.9
261	8/25/2014 5:31:03	18.00	51.97	34.25	6.59	7.88	4.7	1.394	85.4	3.2	1.0	0.8
262	8/25/2014 5:46:03	18.18	52.01	34.28	6.47	7.87	5.3	1.294	84.3	4.2	1.3	1.0
263	8/25/2014 6:01:03	18.35	52.02	34.29	6.53	7.88	4.7	1.228	85.3	3.4	1.1	0.8
264	8/25/2014 6:16:03	18.54	51.99	34.27	6.22	7.88	4.2	1.182	81.5	3.6	1.1	0.9
265	8/25/2014 6:31:03	18.57	52.12	34.37	6.36	7.87	3.6	1.146	83.4	3.3	1.0	0.8
266	8/25/2014 6:46:03	18.78	52.14	34.39	6.50	7.88	3.4	1.169	85.5	3.2	1.0	0.8
267	8/25/2014 7:01:03	18.92	52.07	34.34	6.50	7.90	3.3	1.174	85.8	3.6	1.1	0.9
268	8/25/2014 7:16:03	19.10	52.27	34.48	6.70	7.91	3.1	1.214	88.8	3.5	1.1	0.8
269	8/25/2014 7:31:03	19.23	52.23	34.45	6.78	7.93	3.5	1.306	90.1	3.2	1.0	0.8
270	8/25/2014 7:46:03	19.17	52.29	34.50	6.85	7.93	3.6	1.366	90.9	3.6	1.1	0.8
271	8/25/2014 8:01:03	19.10	52.28	34.49	6.81	7.92	3.8	1.447	90.3	3.0	0.9	0.7
272	8/25/2014 8:16:03	19.01	52.25	34.46	6.76	7.92	3.7	1.539	89.4	2.7	0.8	0.6
273	8/25/2014 8:31:03	18.82	52.21	34.44	6.78	7.91	3.9	1.636	89.3	3.1	1.0	0.7
274	8/25/2014 8:46:03	18.63	52.20	34.43	6.72	7.90	7.7	1.721	88.3	3.8	1.2	0.9
275	8/25/2014 9:01:03	18.57	52.13	34.38	6.70	7.90	3.9	1.799	88.0	3.3	1.0	0.8
276	8/25/2014 9:16:03	18.61	52.15	34.39	6.68	7.90	4.0	1.886	87.7	3.1	1.0	0.7
277	8/25/2014 9:31:03	18.62	52.18	34.41	6.67	7.90	3.9	1.984	87.7	2.9	0.9	0.7
278	8/25/2014 9:46:03	18.38	52.11	34.36	6.66	7.88	4.4	2.073	87.1	3.3	1.0	0.8
279	8/25/2014 10:01:03	18.22	52.08	34.34	6.62	7.87	4.7	2.149	86.2	3.1	1.0	0.7
280	8/25/2014 10:16:03	18.08	52.04	34.31	6.65	7.87	5.6	2.254	86.4	3.2	1.0	0.8
281	8/25/2014 10:31:03	17.79	51.97	34.26	6.69	7.87	5.9	2.336	86.4	2.4	0.7	0.6
282	8/25/2014 10:46:03	17.51	51.91	34.21	6.76	7.88	6.7	2.422	86.8	3.4	1.1	0.8
283	8/25/2014 11:01:03	17.38	51.91	34.21	6.80	7.88	7.6	2.514	87.1	3.7	1.1	0.9
284	8/25/2014 11:16:03	17.16	51.89	34.19	6.90	7.89	8.8	2.597	88.0	3.6	1.1	0.9
285	8/25/2014 11:31:03	16.76	51.80	34.11	7.08	7.90	7.5	2.684	89.6	3.7	1.1	0.9
286	8/25/2014 11:46:03	16.28	51.76	34.08	7.33	7.92	7.6	2.767	91.9	5.2	1.6	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
287	8/25/2014 12:01:04	15.86	51.71	34.04	7.61	7.95	6.9	2.845	94.6	5.2	1.6	1.2
288	8/25/2014 12:16:04	15.53	51.69	34.01	7.79	7.97	6.7	2.919	96.2	6.4	2.0	1.5
289	8/25/2014 12:31:03	15.36	51.61	33.95	7.93	7.99	5.6	2.989	97.5	6.6	2.0	1.6
290	8/25/2014 12:46:04	15.11	51.62	33.95	8.18	8.01	3.9	3.045	100.1	6.6	2.0	1.6
291	8/25/2014 13:01:03	15.02	51.65	33.97	8.22	8.02	3.3	3.086	100.4	5.3	1.6	1.3
292	8/25/2014 13:16:04	15.00	51.57	33.91	8.25	8.01	2.4	3.110	100.8	3.7	1.1	0.9
293	8/25/2014 13:31:03	15.55	51.73	34.04	8.00	8.00	2.9	3.117	98.8	4.3	1.3	1.0
294	8/25/2014 13:46:03	15.12	51.70	34.01	8.12	8.00	2.8	3.093	99.5	4.5	1.4	1.1
295	8/25/2014 14:01:04	15.07	51.66	33.98	8.04	8.00	2.5	3.049	98.3	5.3	1.6	1.3
296	8/25/2014 14:16:04	15.46	51.53	33.89	7.84	7.99	3.7	2.990	96.6	3.2	1.0	0.8
297	8/25/2014 14:31:04	15.77	51.65	33.99	7.77	7.98	4.0	2.919	96.3	4.7	1.5	1.1
298	8/25/2014 14:46:04	16.18	51.69	34.03	7.99	7.99	4.6	2.820	99.9	3.5	1.1	0.8
299	8/25/2014 15:01:04	16.19	51.68	34.02	8.14	8.01	5.2	2.731	101.8	4.2	1.3	1.0
300	8/25/2014 15:16:03	16.47	51.66	34.01	7.90	7.99	4.5	2.641	99.4	4.0	1.2	0.9
301	8/25/2014 15:31:03	17.03	51.88	34.18	7.54	7.97	5.5	2.550	96.0	4.0	1.2	0.9
302	8/25/2014 15:46:04	17.56	51.90	34.20	7.47	7.94	5.1	2.451	96.0	3.4	1.1	0.8
303	8/25/2014 16:01:03	18.00	51.84	34.16	7.40	7.94	5.0	2.374	95.9	4.5	1.4	1.1
304	8/25/2014 16:16:03	18.32	51.94	34.23	7.33	7.93	5.0	2.300	95.6	2.9	0.9	0.7
305	8/25/2014 16:31:03	18.49	52.00	34.28	7.35	7.93	4.6	2.200	96.2	3.4	1.1	0.8
306	8/25/2014 16:46:03	18.47	51.97	34.26	7.38	7.93	4.6	2.128	96.6	3.3	1.0	0.8
307	8/25/2014 17:01:03	18.46	52.16	34.40	7.52	7.94	4.2	2.061	98.4	3.8	1.2	0.9
308	8/25/2014 17:16:03	18.66	52.02	34.29	7.51	7.95	4.0	1.981	98.6	3.6	1.1	0.9
309	8/25/2014 17:31:03	18.64	52.01	34.28	7.59	7.95	4.1	1.913	99.6	3.7	1.1	0.9
310	8/25/2014 17:46:03	18.63	52.04	34.31	7.57	7.95	3.7	1.855	99.4	3.2	1.0	0.8
311	8/25/2014 18:01:03	18.66	52.06	34.33	7.73	7.96	3.4	1.807	101.5	3.4	1.1	0.8
312	8/25/2014 18:16:03	18.66	52.02	34.29	7.84	7.97	4.2	1.761	103.0	4.4	1.4	1.0
313	8/25/2014 18:31:03	18.71	52.12	34.37	8.03	7.98	3.9	1.724	105.6	4.3	1.3	1.0
314	8/25/2014 18:46:03	18.84	52.10	34.35	7.82	7.97	2.8	1.713	103.1	4.5	1.4	1.1
315	8/25/2014 19:01:03	18.82	52.12	34.37	7.84	7.97	3.3	1.714	103.4	4.8	1.5	1.1
316	8/25/2014 19:16:03	19.15	52.15	34.39	8.01	7.99	3.1	1.729	106.2	4.7	1.5	1.1
317	8/25/2014 19:31:03	18.91	52.14	34.39	7.95	7.98	3.7	1.781	104.9	4.5	1.4	1.1
318	8/25/2014 19:46:03	19.22	52.17	34.41	7.86	7.98	4.0	1.830	104.3	4.1	1.3	1.0
319	8/25/2014 20:01:03	19.07	52.21	34.44	7.80	7.97	4.5	1.899	103.4	4.4	1.4	1.0
320	8/25/2014 20:16:03	19.10	52.20	34.43	7.68	7.96	5.4	1.979	101.8	5.2	1.6	1.2
321	8/25/2014 20:31:03	18.98	52.18	34.41	7.60	7.94	6.2	2.066	100.4	5.1	1.6	1.2
322	8/25/2014 20:46:03	18.72	52.09	34.35	7.56	7.94	5.3	2.146	99.4	5.0	1.6	1.2
323	8/25/2014 21:01:03	18.69	52.12	34.37	7.51	7.94	5.5	2.226	98.7	4.6	1.4	1.1
324	8/25/2014 21:16:03	18.49	52.05	34.32	7.49	7.93	5.1	2.303	98.0	4.6	1.4	1.1
325	8/25/2014 21:31:03	17.98	51.99	34.27	7.35	7.91	4.7	2.386	95.3	4.3	1.3	1.0
326	8/25/2014 21:46:03	17.75	51.94	34.23	7.25	7.91	5.0	2.472	93.5	4.7	1.5	1.1
327	8/25/2014 22:01:03	17.56	51.91	34.21	7.25	7.91	5.4	2.543	93.3	4.3	1.3	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
328	8/25/2014 22:16:03	17.19	51.88	34.18	7.34	7.92	4.8	2.631	93.7	4.4	1.4	1.0
329	8/25/2014 22:31:04	16.88	51.82	34.14	7.42	7.93	5.9	2.718	94.2	4.4	1.4	1.0
330	8/25/2014 22:46:04	16.61	51.78	34.10	7.54	7.94	5.4	2.799	95.1	5.2	1.6	1.2
331	8/25/2014 23:01:04	16.43	51.75	34.07	7.59	7.95	4.9	2.887	95.5	4.3	1.3	1.0
332	8/25/2014 23:16:04	16.01	51.72	34.04	7.90	7.98	6.1	2.966	98.5	4.6	1.4	1.1
333	8/25/2014 23:31:04	15.69	51.68	34.01	8.09	8.00	6.5	3.048	100.2	5.1	1.6	1.2
334	8/25/2014 23:46:03	15.40	51.64	33.97	8.33	8.02	5.1	3.118	102.5	6.2	1.9	1.5
335	8/26/2014 0:01:04	15.09	51.63	33.96	8.57	8.04	3.6	3.181	104.9	5.7	1.8	1.4
336	8/26/2014 0:16:04	14.93	51.61	33.94	8.70	8.06	2.6	3.237	106.1	7.2	2.2	1.7
337	8/26/2014 0:31:04	14.84	51.58	33.92	8.78	8.06	2.6	3.275	106.9	5.8	1.8	1.4
338	8/26/2014 0:46:04	14.92	51.56	33.90	8.64	8.05	2.3	3.301	105.2	6.3	2.0	1.5
339	8/26/2014 1:01:04	15.58	51.55	33.91	8.11	8.01	3.1	3.307	100.2	4.2	1.3	1.0
340	8/26/2014 1:16:04	15.14	51.66	33.98	8.41	8.03	2.3	3.289	103.0	4.4	1.4	1.0
341	8/26/2014 1:31:04	15.11	51.61	33.94	8.23	8.02	2.9	3.252	100.7	6.0	1.9	1.4
342	8/26/2014 1:46:04	15.28	51.55	33.90	7.97	8.00	4.3	3.193	97.9	3.0	0.9	0.7
343	8/26/2014 2:01:04	15.47	51.62	33.96	7.75	7.99	4.8	3.127	95.5	4.0	1.2	1.0
344	8/26/2014 2:16:04	15.68	51.61	33.96	7.62	7.97	5.9	3.029	94.4	4.0	1.2	0.9
345	8/26/2014 2:31:03	15.44	51.70	34.02	7.76	7.98	5.2	2.937	95.6	3.7	1.1	0.9
346	8/26/2014 2:46:04	16.16	51.60	33.96	7.35	7.95	5.1	2.848	91.8	3.2	1.0	0.8
347	8/26/2014 3:01:04	16.56	51.75	34.08	7.18	7.94	5.0	2.737	90.5	3.7	1.1	0.9
348	8/26/2014 3:16:04	16.78	51.80	34.12	7.01	7.92	4.7	2.632	88.7	3.2	1.0	0.8
349	8/26/2014 3:31:04	17.09	51.88	34.18	6.81	7.91	4.2	2.531	86.8	4.0	1.2	0.9
350	8/26/2014 3:46:04	17.50	51.95	34.23	6.59	7.89	5.4	2.434	84.6	3.1	1.0	0.7
351	8/26/2014 4:01:03	17.77	51.94	34.23	6.39	7.87	5.2	2.318	82.5	3.2	1.0	0.8
352	8/26/2014 4:16:03	17.79	52.00	34.28	6.42	7.87	5.7	2.203	82.9	3.5	1.1	0.8
353	8/26/2014 4:31:03	17.80	51.91	34.21	6.55	7.87	5.6	2.109	84.6	3.5	1.1	0.8
354	8/26/2014 4:46:03	17.67	51.97	34.25	6.45	7.87	6.6	1.984	83.1	3.1	1.0	0.7
355	8/26/2014 5:01:03	17.42	52.04	34.30	6.73	7.89	7.7	1.871	86.4	4.2	1.3	1.0
356	8/26/2014 5:16:04	17.49	51.92	34.21	6.77	7.89	6.4	1.767	86.9	3.8	1.2	0.9
357	8/26/2014 5:31:03	17.62	51.89	34.19	6.64	7.89	6.4	1.666	85.5	3.2	1.0	0.8
358	8/26/2014 5:46:04	17.58	51.98	34.26	6.58	7.88	5.5	1.555	84.7	4.1	1.3	1.0
359	8/26/2014 6:01:04	17.70	52.01	34.28	6.44	7.87	5.7	1.463	83.0	3.0	0.9	0.7
360	8/26/2014 6:16:04	18.02	51.98	34.26	6.39	7.87	5.6	1.384	82.9	3.7	1.1	0.9
361	8/26/2014 6:31:03	18.11	51.99	34.27	6.28	7.86	4.2	1.314	81.6	3.4	1.1	0.8
362	8/26/2014 6:46:03	18.13	52.16	34.40	6.34	7.86	4.3	1.270	82.5	3.3	1.0	0.8
363	8/26/2014 7:01:03	18.28	52.12	34.36	6.29	7.86	4.2	1.237	82.0	3.3	1.0	0.8
364	8/26/2014 7:16:03	18.50	52.19	34.42	6.36	7.87	3.4	1.232	83.4	3.3	1.0	0.8
365	8/26/2014 7:31:03	18.41	52.18	34.41	6.29	7.87	8.6	1.254	82.3	4.1	1.3	1.0
366	8/26/2014 7:46:03	18.42	52.28	34.49	6.45	7.87	4.8	1.303	84.5	3.0	0.9	0.7
367	8/26/2014 8:01:03	18.71	52.25	34.46	6.44	7.88	4.2	1.353	84.8	3.3	1.0	0.8
368	8/26/2014 8:16:03	18.80	52.37	34.55	6.58	7.89	4.0	1.439	86.8	3.4	1.1	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
369	8/26/2014 8:31:04	18.71	52.35	34.54	6.55	7.89	4.7	1.535	86.2	3.3	1.0	0.8
370	8/26/2014 8:46:03	18.62	52.26	34.47	6.55	7.89	5.0	1.620	86.0	2.9	0.9	0.7
371	8/26/2014 9:01:03	18.42	52.32	34.52	6.56	7.89	4.8	1.706	85.9	2.8	0.9	0.7
372	8/26/2014 9:16:03	18.18	52.25	34.47	6.59	7.88	4.1	1.798	85.8	2.8	0.9	0.7
373	8/26/2014 9:31:04	18.07	52.19	34.42	6.61	7.88	4.1	1.898	85.9	2.9	0.9	0.7
374	8/26/2014 9:46:03	18.10	52.21	34.43	6.60	7.88	3.8	1.979	85.9	3.3	1.0	0.8
375	8/26/2014 10:01:03	18.21	52.21	34.43	6.59	7.88	4.2	2.061	85.9	3.2	1.0	0.8
376	8/26/2014 10:16:03	18.23	52.24	34.45	6.57	7.88	4.8	2.157	85.6	3.4	1.1	0.8
377	8/26/2014 10:31:03	18.06	52.16	34.40	6.61	7.88	5.5	2.248	85.8	3.5	1.1	0.8
378	8/26/2014 10:46:03	17.81	52.09	34.34	6.65	7.87	5.4	2.329	86.0	3.3	1.0	0.8
379	8/26/2014 11:01:03	17.57	52.04	34.31	6.67	7.88	6.6	2.423	85.9	3.2	1.0	0.8
380	8/26/2014 11:16:03	17.38	52.03	34.30	6.76	7.88	6.7	2.508	86.6	2.7	0.8	0.6
381	8/26/2014 11:31:04	17.27	52.00	34.27	6.84	7.89	6.2	2.588	87.4	2.7	0.8	0.6
382	8/26/2014 11:46:04	17.05	51.96	34.24	6.93	7.90	7.9	2.681	88.2	3.3	1.0	0.8
383	8/26/2014 12:01:04	16.71	51.91	34.19	7.09	7.92	8.4	2.760	89.7	3.5	1.1	0.8
384	8/26/2014 12:16:04	16.30	51.84	34.14	7.33	7.94	7.9	2.843	91.9	3.7	1.1	0.9
385	8/26/2014 12:31:04	15.83	51.87	34.15	7.66	7.97	7.8	2.918	95.2	4.5	1.4	1.1
386	8/26/2014 12:46:04	15.55	51.69	34.02	7.86	7.99	7.3	2.994	97.1	4.8	1.5	1.1
387	8/26/2014 13:01:04	15.36	51.71	34.03	7.98	8.00	6.3	3.056	98.2	3.8	1.2	0.9
388	8/26/2014 13:16:03	15.27	51.64	33.97	8.07	8.01	4.5	3.112	99.1	4.5	1.4	1.1
389	8/26/2014 13:31:03	15.18	51.64	33.97	8.17	8.01	2.8	3.143	100.1	4.0	1.2	1.0
390	8/26/2014 13:46:04	15.14	51.68	34.00	8.10	8.01	1.8	3.165	99.2	3.0	0.9	0.7
391	8/26/2014 14:01:04	15.55	51.74	34.05	7.90	8.00	2.3	3.178	97.6	10.5	3.3	2.5
392	8/26/2014 14:16:04	15.24	51.70	34.01	7.94	8.00	3.6	3.133	97.5	2.7	0.8	0.6
393	8/26/2014 14:31:04	15.21	51.68	34.00	7.95	8.00	4.1	3.090	97.5	3.4	1.1	0.8
394	8/26/2014 14:46:04	15.59	51.67	34.00	7.69	7.99	4.0	3.033	95.1	2.5	0.8	0.6
395	8/26/2014 15:01:04	16.06	51.69	34.02	7.76	7.99	4.9	2.948	96.8	2.4	0.7	0.6
396	8/26/2014 15:16:03	16.51	51.73	34.06	7.67	7.99	6.4	2.857	96.5	2.7	0.8	0.6
397	8/26/2014 15:31:04	16.53	51.78	34.10	7.86	7.99	4.3	2.760	99.0	2.8	0.9	0.7
398	8/26/2014 15:46:04	16.99	51.68	34.03	7.72	7.97	5.2	2.668	98.0	3.7	1.1	0.9
399	8/26/2014 16:01:04	17.20	51.97	34.25	7.52	7.96	5.4	2.579	96.1	3.1	1.0	0.7
400	8/26/2014 16:16:04	17.55	51.92	34.21	7.44	7.95	6.1	2.480	95.6	3.1	1.0	0.7
401	8/26/2014 16:31:03	18.19	51.95	34.24	7.31	7.94	5.8	2.398	95.1	2.8	0.9	0.7
402	8/26/2014 16:46:03	18.29	52.05	34.32	7.39	7.94	4.8	2.307	96.4	3.0	0.9	0.7
403	8/26/2014 17:01:03	18.43	52.03	34.30	7.37	7.94	4.5	2.218	96.4	3.3	1.0	0.8
404	8/26/2014 17:16:03	18.46	52.06	34.32	7.34	7.94	4.6	2.124	96.1	2.9	0.9	0.7
405	8/26/2014 17:31:03	18.54	52.11	34.36	7.42	7.94	4.4	2.041	97.2	4.1	1.3	1.0
406	8/26/2014 17:46:03	18.61	52.03	34.31	7.46	7.94	4.2	1.970	97.9	3.2	1.0	0.8
407	8/26/2014 18:01:03	18.49	52.11	34.36	7.47	7.94	3.7	1.878	97.9	2.8	0.9	0.7
408	8/26/2014 18:16:03	18.49	52.14	34.38	7.50	7.95	3.5	1.813	98.3	3.1	1.0	0.7
409	8/26/2014 18:31:03	18.50	52.12	34.37	7.58	7.95	3.8	1.746	99.3	2.7	0.8	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
410	8/26/2014 18:46:03	18.42	52.13	34.38	7.32	7.94	3.2	1.694	95.8	2.9	0.9	0.7
411	8/26/2014 19:01:03	18.43	52.12	34.37	6.93	7.93	2.8	1.671	90.6	2.8	0.9	0.7
412	8/26/2014 19:16:03	18.41	52.15	34.39	6.93	7.91	2.9	1.639	90.6	2.4	0.7	0.6
413	8/26/2014 19:31:03	18.45	52.10	34.35	7.58	7.96	3.7	1.648	99.2	3.7	1.1	0.9
414	8/26/2014 19:46:03	18.62	52.12	34.37	7.88	7.97	3.4	1.675	103.5	4.5	1.4	1.1
415	8/26/2014 20:01:03	18.60	52.14	34.38	7.83	7.96	4.7	1.718	102.8	3.8	1.2	0.9
416	8/26/2014 20:16:03	18.74	52.26	34.48	7.90	7.97	4.6	1.769	104.0	4.4	1.4	1.0
417	8/26/2014 20:31:03	18.95	52.26	34.47	7.87	7.97	4.8	1.836	104.1	4.6	1.4	1.1
418	8/26/2014 20:46:03	19.00	52.26	34.47	7.80	7.96	5.3	1.930	103.2	4.7	1.5	1.1
419	8/26/2014 21:01:03	19.12	52.23	34.45	7.61	7.95	6.7	2.010	100.9	5.1	1.6	1.2
420	8/26/2014 21:16:03	18.87	52.22	34.45	7.58	7.94	6.6	2.084	100.1	4.9	1.5	1.2
421	8/26/2014 21:31:03	18.75	52.19	34.42	7.55	7.94	5.7	2.168	99.4	4.4	1.4	1.1
422	8/26/2014 21:46:03	18.71	52.21	34.43	7.57	7.94	5.6	2.255	99.5	5.0	1.6	1.2
423	8/26/2014 22:01:03	18.18	52.09	34.34	7.38	7.92	5.5	2.334	96.1	4.4	1.4	1.0
424	8/26/2014 22:16:03	18.00	52.06	34.32	7.23	7.91	5.1	2.401	93.7	4.4	1.4	1.0
425	8/26/2014 22:31:03	17.87	52.03	34.30	7.22	7.91	5.3	2.484	93.4	4.1	1.3	1.0
426	8/26/2014 22:46:03	17.51	51.95	34.24	7.32	7.92	6.2	2.567	94.1	3.9	1.2	0.9
427	8/26/2014 23:01:03	17.23	51.88	34.18	7.38	7.93	7.0	2.642	94.2	4.2	1.3	1.0
428	8/26/2014 23:16:04	16.96	51.86	34.16	7.48	7.94	6.2	2.725	95.1	3.8	1.2	0.9
429	8/26/2014 23:31:04	16.80	51.85	34.16	7.51	7.95	7.1	2.804	95.1	3.7	1.1	0.9
430	8/26/2014 23:46:04	16.57	51.77	34.09	7.62	7.96	7.3	2.886	96.1	4.1	1.3	1.0
431	8/27/2014 0:01:04	16.17	51.80	34.11	7.80	7.98	5.7	2.966	97.6	4.0	1.2	1.0
432	8/27/2014 0:16:04	15.91	51.74	34.06	7.95	7.99	6.4	3.036	98.9	4.2	1.3	1.0
433	8/27/2014 0:31:04	15.63	51.72	34.04	8.08	8.01	5.2	3.101	100.0	3.5	1.1	0.8
434	8/27/2014 0:46:04	15.33	51.68	34.00	8.27	8.03	4.4	3.160	101.7	4.2	1.3	1.0
435	8/27/2014 1:01:03	15.15	51.61	33.95	8.43	8.04	2.2	3.203	103.3	5.4	1.7	1.3
436	8/27/2014 1:16:04	15.19	51.60	33.94	8.36	8.03	1.8	3.236	102.4	3.8	1.2	0.9
437	8/27/2014 1:31:04	16.36	51.71	34.04	7.29	7.95	4.3	3.249	91.5	6.1	1.9	1.4
438	8/27/2014 1:46:03	15.95	51.70	34.03	7.66	7.98	2.9	3.243	95.3	3.5	1.1	0.8
439	8/27/2014 2:01:04	15.54	51.83	34.12	7.76	7.99	2.2	3.221	95.8	2.6	0.8	0.6
440	8/27/2014 2:16:04	15.63	51.69	34.01	7.58	7.98	2.5	3.179	93.7	2.3	0.7	0.5
441	8/27/2014 2:31:04	15.82	51.70	34.02	7.52	7.97	4.4	3.109	93.4	3.3	1.0	0.8
442	8/27/2014 2:46:04	16.00	51.71	34.04	7.21	7.96	5.3	3.027	89.9	3.2	1.0	0.8
443	8/27/2014 3:01:04	15.86	51.82	34.11	7.31	7.96	4.7	2.940	90.9	3.2	1.0	0.8
444	8/27/2014 3:16:04	15.90	51.74	34.06	7.29	7.96	5.1	2.849	90.6	2.8	0.9	0.7
445	8/27/2014 3:31:04	16.59	51.73	34.06	7.05	7.93	5.6	2.752	88.9	3.1	1.0	0.7
446	8/27/2014 3:46:04	16.86	51.85	34.16	6.91	7.92	5.6	2.648	87.7	3.5	1.1	0.8
447	8/27/2014 4:01:04	17.18	51.77	34.10	6.77	7.91	5.4	2.536	86.3	2.8	0.9	0.7
448	8/27/2014 4:16:03	17.37	52.03	34.29	6.51	7.88	5.6	2.446	83.4	2.9	0.9	0.7
449	8/27/2014 4:31:03	17.70	51.94	34.23	6.40	7.87	4.0	2.343	82.4	3.6	1.1	0.9
450	8/27/2014 4:46:03	17.78	51.96	34.25	6.32	7.86	5.4	2.233	81.6	3.0	0.9	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
451	8/27/2014 5:01:03	17.77	52.01	34.28	6.19	7.84	5.3	2.127	79.9	3.2	1.0	0.8
452	8/27/2014 5:16:03	17.72	52.03	34.30	6.25	7.85	6.2	2.025	80.7	3.3	1.0	0.8
453	8/27/2014 5:31:04	17.66	52.03	34.30	6.44	7.86	6.2	1.922	83.1	3.3	1.0	0.8
454	8/27/2014 5:46:04	17.39	52.10	34.35	6.50	7.87	7.8	1.801	83.4	3.3	1.0	0.8
455	8/27/2014 6:01:04	17.55	51.98	34.26	6.47	7.87	6.8	1.699	83.1	3.6	1.1	0.9
456	8/27/2014 6:16:04	17.68	51.98	34.26	6.50	7.87	6.4	1.610	83.7	3.4	1.1	0.8
457	8/27/2014 6:31:03	17.76	52.01	34.28	6.44	7.87	5.8	1.525	83.2	3.9	1.2	0.9
458	8/27/2014 6:46:03	17.88	51.96	34.25	6.41	7.86	5.3	1.439	82.9	3.0	0.9	0.7
459	8/27/2014 7:01:04	17.85	52.05	34.31	6.31	7.85	5.4	1.372	81.7	3.3	1.0	0.8
460	8/27/2014 7:16:04	18.02	52.04	34.31	6.34	7.86	4.8	1.342	82.3	3.0	0.9	0.7
461	8/27/2014 7:31:04	18.22	51.98	34.26	6.28	7.86	3.5	1.320	81.8	3.2	1.0	0.8
462	8/27/2014 7:46:03	18.12	52.24	34.45	6.29	7.86	3.6	1.312	81.8	3.2	1.0	0.8
463	8/27/2014 8:01:03	18.39	52.17	34.41	6.26	7.86	3.2	1.327	81.9	3.0	0.9	0.7
464	8/27/2014 8:16:03	18.54	52.27	34.48	6.37	7.87	4.1	1.383	83.6	3.1	1.0	0.7
465	8/27/2014 8:31:03	18.63	52.29	34.50	6.51	7.88	4.6	1.452	85.5	3.2	1.0	0.8
466	8/27/2014 8:46:03	18.63	52.30	34.50	6.57	7.89	4.3	1.510	86.4	3.6	1.1	0.9
467	8/27/2014 9:01:03	18.57	52.28	34.49	6.56	7.88	4.3	1.589	86.1	2.5	0.8	0.6
468	8/27/2014 9:16:03	18.49	52.25	34.47	6.61	7.88	4.3	1.699	86.6	3.2	1.0	0.8
469	8/27/2014 9:31:04	18.27	52.20	34.43	6.61	7.88	4.5	1.788	86.2	2.4	0.7	0.6
470	8/27/2014 9:46:03	18.10	52.15	34.39	6.57	7.87	4.7	1.869	85.4	3.0	0.9	0.7
471	8/27/2014 10:01:03	18.14	52.14	34.38	6.60	7.87	4.4	1.959	85.9	3.2	1.0	0.8
472	8/27/2014 10:16:03	18.24	52.17	34.40	6.62	7.88	4.6	2.054	86.3	2.7	0.8	0.6
473	8/27/2014 10:31:03	18.28	52.18	34.41	6.63	7.88	5.0	2.135	86.5	3.3	1.0	0.8
474	8/27/2014 10:46:03	18.22	52.15	34.39	6.64	7.88	5.4	2.223	86.5	2.7	0.8	0.6
475	8/27/2014 11:01:03	18.05	52.06	34.32	6.68	7.88	5.4	2.313	86.8	3.4	1.1	0.8
476	8/27/2014 11:16:03	17.82	52.04	34.31	6.75	7.88	6.6	2.398	87.2	2.6	0.8	0.6
477	8/27/2014 11:31:03	17.57	51.93	34.22	6.83	7.88	7.6	2.487	87.8	2.8	0.9	0.7
478	8/27/2014 11:46:04	17.43	51.95	34.23	6.89	7.89	7.7	2.570	88.4	2.8	0.9	0.7
479	8/27/2014 12:01:04	17.26	51.89	34.19	6.98	7.90	7.6	2.657	89.2	3.2	1.0	0.8
480	8/27/2014 12:16:04	16.92	51.82	34.14	7.13	7.92	6.8	2.742	90.5	3.3	1.0	0.8
481	8/27/2014 12:31:03	16.59	51.75	34.08	7.31	7.93	8.5	2.830	92.2	3.0	0.9	0.7
482	8/27/2014 12:46:04	16.17	51.70	34.04	7.59	7.96	6.6	2.911	94.9	3.5	1.1	0.8
483	8/27/2014 13:01:04	15.77	51.65	33.99	7.79	7.98	7.3	2.983	96.7	4.4	1.4	1.0
484	8/27/2014 13:16:04	15.62	51.58	33.93	7.90	7.99	6.1	3.062	97.7	3.1	1.0	0.7
485	8/27/2014 13:31:04	15.49	51.61	33.95	7.95	8.00	4.5	3.128	98.0	3.3	1.0	0.8
486	8/27/2014 13:46:04	15.29	51.61	33.95	8.02	8.00	3.2	3.166	98.6	3.3	1.0	0.8
487	8/27/2014 14:01:04	15.19	51.60	33.94	8.01	8.00	2.1	3.203	98.2	2.4	0.7	0.6
488	8/27/2014 14:16:04	15.41	51.28	33.71	7.88	8.00	2.1	3.228	96.8	3.0	0.9	0.7
489	8/27/2014 14:31:04	15.51	51.61	33.96	7.76	7.99	2.6	3.211	95.8	1.9	0.6	0.4
490	8/27/2014 14:46:04	15.25	51.62	33.96	7.74	7.99	2.9	3.168	95.0	2.4	0.7	0.6
491	8/27/2014 15:01:04	15.50	51.59	33.94	7.65	7.98	3.2	3.132	94.4	1.9	0.6	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
492	8/27/2014 15:16:04	16.01	51.55	33.92	7.66	7.98	3.9	3.061	95.4	3.0	0.9	0.7
493	8/27/2014 15:31:04	16.62	51.64	34.00	7.77	7.99	5.1	2.960	97.9	2.6	0.8	0.6
494	8/27/2014 15:46:04	16.76	51.65	34.01	8.03	8.00	4.9	2.877	101.5	2.0	0.6	0.5
495	8/27/2014 16:01:04	16.94	51.57	33.95	7.92	7.99	4.7	2.785	100.5	2.6	0.8	0.6
496	8/27/2014 16:16:04	17.44	51.74	34.08	7.61	7.97	5.2	2.683	97.6	2.8	0.9	0.7
497	8/27/2014 16:31:03	17.83	51.80	34.13	7.57	7.96	5.1	2.586	97.8	2.4	0.7	0.6
498	8/27/2014 16:46:03	18.22	51.86	34.17	7.55	7.95	4.8	2.491	98.3	2.3	0.7	0.6
499	8/27/2014 17:01:03	18.56	51.92	34.22	7.56	7.95	5.1	2.403	99.1	2.7	0.8	0.6
500	8/27/2014 17:16:03	18.83	51.85	34.17	7.64	7.95	4.7	2.309	100.6	2.8	0.9	0.7
501	8/27/2014 17:31:03	18.80	52.04	34.31	7.77	7.95	4.8	2.218	102.4	3.4	1.1	0.8
502	8/27/2014 17:46:03	18.93	52.00	34.28	7.63	7.96	4.4	2.126	100.7	2.3	0.7	0.5
503	8/27/2014 18:01:03	19.04	52.00	34.28	7.81	7.96	4.2	2.034	103.3	2.5	0.8	0.6
504	8/27/2014 18:16:03	18.99	52.02	34.30	7.84	7.97	4.4	1.956	103.6	3.1	1.0	0.7
505	8/27/2014 18:31:03	18.90	51.97	34.26	7.81	7.96	4.5	1.864	103.0	2.7	0.8	0.6
506	8/27/2014 18:46:03	18.83	52.01	34.29	7.89	7.97	4.0	1.783	104.0	2.9	0.9	0.7
507	8/27/2014 19:01:04	18.87	52.01	34.29	7.82	7.97	3.6	1.717	103.1	3.0	0.9	0.7
508	8/27/2014 19:16:03	18.91	51.98	34.26	7.64	7.96	3.1	1.665	100.8	2.4	0.7	0.6
509	8/27/2014 19:31:03	18.86	51.97	34.26	7.70	7.97	2.9	1.615	101.5	2.9	0.9	0.7
510	8/27/2014 19:46:03	18.98	51.96	34.25	7.76	7.97	2.9	1.590	102.4	3.1	1.0	0.7
511	8/27/2014 20:01:03	18.92	52.04	34.31	8.02	7.98	3.9	1.605	105.8	2.8	0.9	0.7
512	8/27/2014 20:16:03	19.25	51.90	34.21	8.17	8.00	4.0	1.608	108.4	3.9	1.2	0.9
513	8/27/2014 20:31:03	19.20	52.20	34.43	8.29	8.00	5.0	1.634	110.1	4.0	1.2	0.9
514	8/27/2014 20:46:03	19.59	52.13	34.38	8.35	8.01	4.7	1.702	111.6	4.8	1.5	1.1
515	8/27/2014 21:01:03	19.82	52.27	34.48	8.49	8.01	4.7	1.769	114.1	4.5	1.4	1.1
516	8/27/2014 21:16:03	19.65	52.22	34.45	8.38	8.00	5.1	1.841	112.2	3.8	1.2	0.9
517	8/27/2014 21:31:03	20.11	52.27	34.48	7.93	7.96	7.0	1.920	107.2	4.8	1.5	1.1
518	8/27/2014 21:46:03	19.87	52.21	34.44	7.90	7.95	6.4	2.002	106.2	4.7	1.5	1.1
519	8/27/2014 22:01:03	19.52	52.15	34.39	7.87	7.95	5.5	2.082	105.1	4.4	1.4	1.0
520	8/27/2014 22:16:03	19.40	52.13	34.38	7.82	7.95	5.3	2.161	104.2	4.3	1.3	1.0
521	8/27/2014 22:31:03	18.99	52.09	34.35	7.80	7.94	4.8	2.233	103.1	4.1	1.3	1.0
522	8/27/2014 22:46:04	18.61	52.01	34.29	7.48	7.92	4.7	2.309	98.2	3.7	1.1	0.9
523	8/27/2014 23:01:04	18.44	51.98	34.26	7.33	7.92	4.5	2.391	95.8	4.1	1.3	1.0
524	8/27/2014 23:16:03	18.32	51.95	34.24	7.28	7.91	4.8	2.464	95.0	3.8	1.2	0.9
525	8/27/2014 23:31:03	18.06	51.88	34.19	7.32	7.91	4.8	2.541	95.0	4.0	1.2	0.9
526	8/27/2014 23:46:03	17.77	51.84	34.16	7.36	7.92	4.6	2.609	95.0	2.8	0.9	0.7
527	8/28/2014 0:01:03	17.51	51.79	34.12	7.42	7.93	5.7	2.699	95.2	3.0	0.9	0.7
528	8/28/2014 0:16:04	17.35	51.81	34.13	7.42	7.93	5.7	2.767	95.0	3.7	1.1	0.9
529	8/28/2014 0:31:04	17.11	51.73	34.07	7.44	7.94	5.7	2.843	94.7	3.3	1.0	0.8
530	8/28/2014 0:46:04	16.73	51.70	34.04	7.50	7.95	5.5	2.921	94.9	3.2	1.0	0.8
531	8/28/2014 1:01:03	16.39	51.71	34.05	7.59	7.96	4.3	2.984	95.3	3.3	1.0	0.8
532	8/28/2014 1:16:04	16.06	51.60	33.95	7.67	7.96	3.4	3.055	95.6	3.1	1.0	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
533	8/28/2014 1:31:04	15.87	51.63	33.98	7.66	7.96	2.6	3.094	95.1	3.9	1.2	0.9
534	8/28/2014 1:46:04	15.71	51.62	33.96	7.62	7.96	2.5	3.143	94.4	3.8	1.2	0.9
535	8/28/2014 2:01:04	15.66	51.61	33.95	7.63	7.96	2.6	3.173	94.4	3.6	1.1	0.9
536	8/28/2014 2:16:04	16.55	51.63	33.99	7.18	7.93	3.7	3.176	90.5	2.9	0.9	0.7
537	8/28/2014 2:31:04	15.99	51.75	34.07	7.27	7.94	2.3	3.166	90.7	2.7	0.8	0.6
538	8/28/2014 2:46:04	15.77	51.72	34.04	7.02	7.94	1.8	3.125	87.1	2.5	0.8	0.6
539	8/28/2014 3:01:04	16.23	51.53	33.91	7.05	7.93	4.1	3.074	88.1	2.6	0.8	0.6
540	8/28/2014 3:16:04	16.48	51.64	33.99	6.99	7.92	5.0	3.013	87.9	2.9	0.9	0.7
541	8/28/2014 3:31:04	16.64	51.66	34.01	6.95	7.91	6.2	2.929	87.7	2.3	0.7	0.5
542	8/28/2014 3:46:04	16.60	51.76	34.09	6.96	7.92	5.6	2.833	87.7	3.6	1.1	0.9
543	8/28/2014 4:01:04	16.74	51.67	34.02	7.08	7.92	5.3	2.739	89.5	2.9	0.9	0.7
544	8/28/2014 4:16:04	17.31	51.67	34.03	6.90	7.91	5.9	2.648	88.2	3.1	1.0	0.7
545	8/28/2014 4:31:03	17.72	51.69	34.04	6.74	7.89	5.7	2.540	86.8	2.9	0.9	0.7
546	8/28/2014 4:46:04	18.02	51.80	34.13	6.51	7.87	6.0	2.438	84.3	3.1	1.0	0.7
547	8/28/2014 5:01:03	18.29	51.93	34.23	6.45	7.87	5.4	2.345	84.1	2.9	0.9	0.7
548	8/28/2014 5:16:03	18.36	52.02	34.29	6.32	7.85	5.8	2.248	82.5	3.6	1.1	0.9
549	8/28/2014 5:31:04	18.32	51.97	34.26	6.44	7.86	6.4	2.147	84.1	2.9	0.9	0.7
550	8/28/2014 5:46:04	18.32	51.99	34.27	6.29	7.84	7.8	2.035	82.1	2.9	0.9	0.7
551	8/28/2014 6:01:03	18.36	51.99	34.27	6.41	7.86	6.2	1.951	83.7	3.3	1.0	0.8
552	8/28/2014 6:16:03	18.32	51.92	34.22	6.46	7.87	5.1	1.861	84.3	3.1	1.0	0.7
553	8/28/2014 6:31:04	18.11	52.04	34.31	6.42	7.86	6.4	1.758	83.4	3.0	0.9	0.7
554	8/28/2014 6:46:03	18.19	51.89	34.20	6.39	7.86	6.6	1.671	83.2	3.1	1.0	0.7
555	8/28/2014 7:01:03	18.26	51.95	34.24	6.40	7.86	7.3	1.593	83.4	2.9	0.9	0.7
556	8/28/2014 7:16:03	18.40	51.96	34.25	6.47	7.86	5.7	1.522	84.6	2.9	0.9	0.7
557	8/28/2014 7:31:03	18.41	51.91	34.21	6.49	7.86	4.6	1.462	84.8	3.4	1.1	0.8
558	8/28/2014 7:46:04	18.59	52.02	34.30	6.55	7.87	4.0	1.433	85.9	3.0	0.9	0.7
559	8/28/2014 8:01:03	18.64	51.93	34.23	6.37	7.87	3.7	1.404	83.5	3.1	1.0	0.7
560	8/28/2014 8:16:04	18.83	52.10	34.35	6.41	7.86	3.9	1.410	84.5	2.7	0.8	0.6
561	8/28/2014 8:31:04	19.07	52.12	34.37	6.65	7.89	3.2	1.444	88.1	2.5	0.8	0.6
562	8/28/2014 8:46:03	18.96	52.23	34.45	6.60	7.89	4.4	1.475	87.2	3.0	0.9	0.7
563	8/28/2014 9:01:03	19.13	52.21	34.44	6.76	7.90	4.0	1.530	89.6	2.9	0.9	0.7
564	8/28/2014 9:16:03	19.10	52.20	34.43	6.83	7.90	4.3	1.609	90.4	2.6	0.8	0.6
565	8/28/2014 9:31:03	19.03	52.16	34.40	6.82	7.90	4.8	1.692	90.3	3.1	1.0	0.7
566	8/28/2014 9:46:03	18.96	52.18	34.41	6.85	7.89	5.3	1.783	90.5	3.2	1.0	0.8
567	8/28/2014 10:01:03	18.78	52.14	34.39	6.81	7.89	4.7	1.866	89.6	3.8	1.2	0.9
568	8/28/2014 10:16:04	18.78	52.12	34.37	6.76	7.88	5.0	1.949	89.1	2.8	0.9	0.7
569	8/28/2014 10:31:04	18.78	52.11	34.36	6.76	7.88	4.7	2.039	89.0	2.7	0.8	0.6
570	8/28/2014 10:46:03	18.78	52.13	34.38	6.77	7.88	4.4	2.117	89.1	3.2	1.0	0.8
571	8/28/2014 11:01:04	18.61	52.08	34.34	6.78	7.88	5.2	2.196	89.0	2.9	0.9	0.7
572	8/28/2014 11:16:04	18.45	52.03	34.30	6.75	7.88	4.8	2.283	88.2	3.1	1.0	0.7
573	8/28/2014 11:31:04	18.32	51.99	34.27	6.77	7.88	4.8	2.365	88.4	2.8	0.9	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
574	8/28/2014 11:46:04	18.06	51.93	34.23	6.82	7.88	5.9	2.452	88.5	2.8	0.9	0.7
575	8/28/2014 12:01:03	17.81	51.86	34.18	6.86	7.89	6.2	2.529	88.5	2.9	0.9	0.7
576	8/28/2014 12:16:03	17.65	51.83	34.15	6.96	7.89	6.4	2.614	89.6	3.0	0.9	0.7
577	8/28/2014 12:31:04	17.50	51.82	34.14	7.02	7.90	6.3	2.708	90.2	2.7	0.8	0.6
578	8/28/2014 12:46:03	17.20	51.73	34.07	7.09	7.90	6.5	2.783	90.4	3.1	1.0	0.7
579	8/28/2014 13:01:04	16.83	51.74	34.07	7.21	7.92	6.9	2.860	91.4	3.4	1.1	0.8
580	8/28/2014 13:16:04	16.42	51.71	34.04	7.32	7.93	5.3	2.950	92.0	3.8	1.2	0.9
581	8/28/2014 13:31:04	15.97	51.68	34.01	7.46	7.95	4.2	3.020	92.9	3.9	1.2	0.9
582	8/28/2014 13:46:03	15.80	51.59	33.94	7.56	7.95	3.9	3.079	93.7	3.3	1.0	0.8
583	8/28/2014 14:01:04	15.65	51.59	33.95	7.65	7.96	3.1	3.139	94.7	3.5	1.1	0.8
584	8/28/2014 14:16:04	15.48	51.59	33.94	7.69	7.97	2.5	3.183	94.8	3.1	1.0	0.7
585	8/28/2014 14:31:04	15.40	51.58	33.93	7.69	7.96	2.5	3.217	94.6	3.2	1.0	0.8
586	8/28/2014 14:46:04	15.37	51.54	33.90	7.45	7.96	1.4	3.227	91.6	2.5	0.8	0.6
587	8/28/2014 15:01:04	15.64	51.59	33.94	7.51	7.96	2.1	3.210	92.8	2.5	0.8	0.6
588	8/28/2014 15:16:04	15.48	51.58	33.93	7.50	7.96	2.0	3.183	92.4	2.4	0.7	0.6
589	8/28/2014 15:31:04	15.81	51.44	33.84	7.37	7.95	2.8	3.132	91.4	2.1	0.7	0.5
590	8/28/2014 15:46:04	16.43	51.37	33.80	7.38	7.95	3.6	3.061	92.7	2.4	0.7	0.6
591	8/28/2014 16:01:04	16.81	51.61	33.98	7.58	7.96	4.2	2.968	95.9	2.3	0.7	0.5
592	8/28/2014 16:16:04	16.98	51.59	33.97	7.86	7.97	4.8	2.872	99.8	3.3	1.0	0.8
593	8/28/2014 16:31:04	16.97	51.64	34.00	7.67	7.96	4.0	2.787	97.4	2.7	0.8	0.6
594	8/28/2014 16:46:04	17.65	51.70	34.05	7.46	7.95	4.3	2.685	96.0	2.4	0.7	0.6
595	8/28/2014 17:01:03	18.02	51.76	34.10	7.50	7.94	4.7	2.586	97.2	3.1	1.0	0.7
596	8/28/2014 17:16:03	18.42	51.79	34.12	7.52	7.94	5.2	2.488	98.2	2.7	0.8	0.6
597	8/28/2014 17:31:03	18.85	51.74	34.09	7.60	7.94	5.3	2.396	100.0	2.9	0.9	0.7
598	8/28/2014 17:46:03	19.11	51.84	34.17	7.54	7.95	4.8	2.306	99.8	2.8	0.9	0.7
599	8/28/2014 18:01:03	19.10	51.88	34.19	7.81	7.95	4.6	2.201	103.4	3.3	1.0	0.8
600	8/28/2014 18:16:03	19.17	52.03	34.30	7.69	7.95	4.7	2.124	102.0	3.0	0.9	0.7
601	8/28/2014 18:31:03	19.27	51.92	34.23	7.60	7.95	4.8	2.020	100.8	3.5	1.1	0.8
602	8/28/2014 18:46:03	19.26	51.94	34.23	7.78	7.96	4.3	1.928	103.4	2.8	0.9	0.7
603	8/28/2014 19:01:03	19.16	51.99	34.28	7.81	7.96	4.9	1.844	103.6	3.7	1.1	0.9
604	8/28/2014 19:16:03	19.07	51.94	34.24	7.89	7.97	5.2	1.743	104.3	3.6	1.1	0.8
605	8/28/2014 19:31:03	19.13	51.89	34.20	8.02	7.97	4.8	1.684	106.2	3.5	1.1	0.8
606	8/28/2014 19:46:03	19.09	51.89	34.20	8.00	7.97	4.8	1.616	105.8	3.8	1.2	0.9
607	8/28/2014 20:01:03	19.17	51.96	34.25	8.01	7.97	4.7	1.559	106.1	4.3	1.3	1.0
608	8/28/2014 20:16:03	19.38	51.93	34.23	8.17	7.99	5.0	1.538	108.7	4.9	1.5	1.2
609	8/28/2014 20:31:03	19.71	52.04	34.31	8.28	7.99	3.4	1.528	110.8	4.7	1.5	1.1
610	8/28/2014 20:46:03	19.86	52.17	34.41	8.08	7.99	3.3	1.540	108.5	3.8	1.2	0.9
611	8/28/2014 21:01:03	20.08	52.20	34.43	8.33	8.01	3.9	1.566	112.4	4.3	1.3	1.0
612	8/28/2014 21:16:03	19.97	52.16	34.40	8.31	8.00	3.9	1.611	111.8	4.6	1.4	1.1
613	8/28/2014 21:31:03	20.22	52.21	34.44	8.37	8.01	4.8	1.678	113.2	4.1	1.3	1.0
614	8/28/2014 21:46:03	20.08	52.24	34.46	8.32	8.00	4.5	1.754	112.3	4.5	1.4	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
615	8/28/2014 22:01:03	20.43	52.23	34.45	7.82	7.95	6.1	1.818	106.2	4.6	1.4	1.1
616	8/28/2014 22:16:03	20.51	52.26	34.47	7.63	7.94	6.3	1.891	103.8	5.0	1.6	1.2
617	8/28/2014 22:31:03	20.07	52.23	34.45	7.73	7.94	6.0	1.976	104.3	5.2	1.6	1.2
618	8/28/2014 22:46:03	19.88	52.17	34.41	7.70	7.94	4.9	2.038	103.5	4.6	1.4	1.1
619	8/28/2014 23:01:03	19.79	52.15	34.39	7.70	7.94	4.8	2.110	103.3	4.6	1.4	1.1
620	8/28/2014 23:16:03	19.36	52.20	34.43	7.67	7.94	4.7	2.184	102.1	4.0	1.2	0.9
621	8/28/2014 23:31:03	18.98	52.00	34.28	7.43	7.91	4.3	2.251	98.1	4.0	1.2	1.0
622	8/28/2014 23:46:04	18.79	52.00	34.28	7.28	7.91	4.5	2.324	95.8	3.8	1.2	0.9
623	8/29/2014 0:01:04	18.65	51.96	34.25	7.20	7.90	4.5	2.401	94.4	3.9	1.2	0.9
624	8/29/2014 0:16:04	18.36	51.94	34.23	7.18	7.90	4.3	2.469	93.8	4.0	1.2	0.9
625	8/29/2014 0:31:03	18.11	51.87	34.19	7.20	7.91	4.4	2.547	93.5	3.9	1.2	0.9
626	8/29/2014 0:46:04	17.89	51.83	34.15	7.24	7.91	4.0	2.624	93.6	3.5	1.1	0.8
627	8/29/2014 1:01:04	17.76	51.82	34.14	7.23	7.91	4.1	2.687	93.2	3.8	1.2	0.9
628	8/29/2014 1:16:04	17.60	51.80	34.12	7.24	7.92	5.4	2.772	93.1	3.7	1.1	0.9
629	8/29/2014 1:31:03	17.40	51.76	34.10	7.31	7.92	4.5	2.825	93.7	4.2	1.3	1.0
630	8/29/2014 1:46:04	17.06	51.74	34.08	7.43	7.93	3.3	2.891	94.5	3.9	1.2	0.9
631	8/29/2014 2:01:04	16.74	51.69	34.03	7.49	7.94	2.8	2.951	94.7	4.1	1.3	1.0
632	8/29/2014 2:16:04	16.56	51.65	34.00	7.52	7.94	3.2	2.978	94.7	4.6	1.4	1.1
633	8/29/2014 2:31:04	16.49	51.64	33.99	7.50	7.94	2.6	3.021	94.4	4.8	1.5	1.1
634	8/29/2014 2:46:04	17.20	51.31	33.76	7.01	7.91	3.2	3.034	89.3	4.4	1.4	1.0
635	8/29/2014 3:01:04	17.17	51.81	34.13	6.97	7.91	2.7	3.039	88.9	4.5	1.4	1.1
636	8/29/2014 3:16:04	16.92	51.76	34.09	6.75	7.90	2.1	3.007	85.7	3.1	1.0	0.7
637	8/29/2014 3:31:04	17.22	51.58	33.96	6.64	7.89	4.5	2.965	84.7	2.9	0.9	0.7
638	8/29/2014 3:46:04	17.39	51.77	34.10	6.63	7.88	5.2	2.935	84.9	3.3	1.0	0.8
639	8/29/2014 4:01:03	17.65	51.73	34.08	6.56	7.87	7.2	2.845	84.5	3.0	0.9	0.7
640	8/29/2014 4:16:03	17.57	51.80	34.13	6.54	7.87	5.7	2.769	84.0	2.8	0.9	0.7
641	8/29/2014 4:31:04	17.39	51.78	34.11	6.67	7.88	5.6	2.675	85.4	3.7	1.1	0.9
642	8/29/2014 4:46:03	17.63	51.77	34.11	6.75	7.88	5.4	2.593	86.8	3.9	1.2	0.9
643	8/29/2014 5:01:04	18.07	51.87	34.18	6.51	7.86	6.2	2.514	84.4	3.3	1.0	0.8
644	8/29/2014 5:16:04	18.38	51.83	34.15	6.42	7.86	5.5	2.416	83.8	3.4	1.1	0.8
645	8/29/2014 5:31:04	18.57	51.94	34.23	6.24	7.85	5.7	2.320	81.8	3.5	1.1	0.8
646	8/29/2014 5:46:04	18.73	52.00	34.28	6.11	7.83	4.7	2.242	80.3	3.4	1.1	0.8
647	8/29/2014 6:01:04	18.79	52.00	34.28	6.24	7.84	6.1	2.151	82.1	3.9	1.2	0.9
648	8/29/2014 6:16:04	18.76	52.01	34.29	6.18	7.83	6.8	2.058	81.4	3.9	1.2	0.9
649	8/29/2014 6:31:04	18.79	52.01	34.29	6.22	7.84	7.0	1.961	81.8	3.6	1.1	0.9
650	8/29/2014 6:46:03	18.76	52.07	34.33	6.15	7.83	6.7	1.881	80.9	3.2	1.0	0.8
651	8/29/2014 7:01:04	18.72	52.09	34.35	6.10	7.83	7.0	1.799	80.2	3.1	1.0	0.7
652	8/29/2014 7:16:03	18.65	52.01	34.29	6.05	7.82	7.2	1.707	79.4	3.3	1.0	0.8
653	8/29/2014 7:31:03	18.78	51.99	34.28	6.14	7.83	6.5	1.634	80.8	3.2	1.0	0.8
654	8/29/2014 7:46:04	18.82	52.05	34.32	6.16	7.84	5.1	1.566	81.1	2.9	0.9	0.7
655	8/29/2014 8:01:04	18.92	52.04	34.31	6.16	7.84	5.4	1.523	81.3	3.4	1.1	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
656	8/29/2014 8:16:04	18.91	51.98	34.27	6.17	7.84	4.8	1.497	81.4	3.0	0.9	0.7
657	8/29/2014 8:31:04	18.91	51.92	34.22	5.99	7.84	3.5	1.467	79.0	2.8	0.9	0.7
658	8/29/2014 8:46:04	19.12	52.04	34.31	5.86	7.82	3.5	1.471	77.6	2.6	0.8	0.6
659	8/29/2014 9:01:03	19.22	52.10	34.36	6.38	7.86	3.7	1.505	84.7	3.0	0.9	0.7
660	8/29/2014 9:16:03	19.28	52.11	34.36	6.48	7.87	4.0	1.541	86.1	3.3	1.0	0.8
661	8/29/2014 9:31:03	19.38	52.16	34.40	6.60	7.88	3.9	1.586	87.8	3.0	0.9	0.7
662	8/29/2014 9:46:03	19.36	52.18	34.42	6.68	7.89	4.3	1.659	88.9	3.1	1.0	0.7
663	8/29/2014 10:01:03	19.33	52.16	34.40	6.69	7.88	4.4	1.749	89.0	2.7	0.8	0.6
664	8/29/2014 10:16:04	19.25	52.16	34.40	6.68	7.88	4.7	1.824	88.8	3.3	1.0	0.8
665	8/29/2014 10:31:04	19.13	52.13	34.37	6.57	7.87	4.5	1.901	87.1	2.9	0.9	0.7
666	8/29/2014 10:46:04	18.98	52.09	34.35	6.53	7.86	4.7	1.984	86.3	3.2	1.0	0.8
667	8/29/2014 11:01:03	18.93	52.08	34.34	6.53	7.87	4.8	2.059	86.3	3.4	1.1	0.8
668	8/29/2014 11:16:04	18.92	52.07	34.33	6.59	7.87	4.5	2.133	87.0	2.9	0.9	0.7
669	8/29/2014 11:31:04	18.82	52.04	34.31	6.61	7.87	4.6	2.213	87.1	3.4	1.1	0.8
670	8/29/2014 11:46:04	18.64	52.00	34.28	6.63	7.87	4.6	2.290	87.0	2.9	0.9	0.7
671	8/29/2014 12:01:03	18.55	51.89	34.20	6.66	7.87	4.9	2.362	87.3	3.0	0.9	0.7
672	8/29/2014 12:16:04	18.38	51.90	34.21	6.78	7.88	5.1	2.452	88.5	3.6	1.1	0.8
673	8/29/2014 12:31:03	18.16	51.85	34.17	6.83	7.88	6.1	2.528	88.7	3.1	1.0	0.7
674	8/29/2014 12:46:03	17.96	51.82	34.15	6.94	7.89	5.7	2.602	89.8	3.5	1.1	0.8
675	8/29/2014 13:01:04	17.83	51.79	34.12	7.02	7.89	5.3	2.686	90.7	3.5	1.1	0.8
676	8/29/2014 13:16:04	17.60	51.75	34.09	7.11	7.91	5.0	2.773	91.5	3.9	1.2	0.9
677	8/29/2014 13:31:04	17.16	51.70	34.05	7.39	7.93	6.6	2.849	94.2	4.7	1.5	1.1
678	8/29/2014 13:46:04	16.85	51.65	34.01	7.61	7.95	4.9	2.929	96.4	4.7	1.5	1.1
679	8/29/2014 14:01:03	16.55	51.56	33.94	7.79	7.97	3.6	3.003	98.1	5.2	1.6	1.2
680	8/29/2014 14:16:04	16.24	51.63	33.98	8.03	7.99	3.0	3.073	100.6	6.4	2.0	1.5
681	8/29/2014 14:31:04	16.12	51.54	33.91	8.14	8.00	2.8	3.123	101.5	6.1	1.9	1.4
682	8/29/2014 14:46:04	15.96	51.57	33.93	8.32	8.02	2.0	3.167	103.5	5.7	1.8	1.3
683	8/29/2014 15:01:04	15.84	51.54	33.91	8.32	8.02	2.0	3.192	103.3	5.7	1.8	1.3
684	8/29/2014 15:16:04	16.09	51.61	33.96	8.25	8.01	2.6	3.195	102.9	4.7	1.5	1.1
685	8/29/2014 15:31:04	15.93	51.54	33.91	8.08	8.00	1.5	3.186	100.4	3.5	1.1	0.8
686	8/29/2014 15:46:04	15.96	51.52	33.90	7.92	7.99	1.7	3.148	98.6	3.4	1.1	0.8
687	8/29/2014 16:01:03	16.29	51.40	33.82	7.83	7.99	2.1	3.082	98.0	4.7	1.5	1.1
688	8/29/2014 16:16:03	16.99	51.50	33.90	7.81	7.99	4.3	3.006	99.1	4.8	1.5	1.1
689	8/29/2014 16:31:04	17.17	51.57	33.95	8.07	8.00	4.4	2.947	102.8	4.8	1.5	1.1
690	8/29/2014 16:46:04	17.29	51.63	34.00	8.15	8.00	4.3	2.860	104.2	4.7	1.5	1.1
691	8/29/2014 17:01:04	17.66	51.55	33.95	7.83	7.99	4.7	2.746	100.7	4.9	1.5	1.2
692	8/29/2014 17:16:04	18.24	51.72	34.07	7.63	7.96	4.8	2.665	99.2	3.7	1.1	0.9
693	8/29/2014 17:31:03	18.45	51.80	34.13	7.48	7.94	4.9	2.598	97.7	4.0	1.2	0.9
694	8/29/2014 17:46:03	18.82	51.82	34.15	7.50	7.94	4.8	2.485	98.7	2.9	0.9	0.7
695	8/29/2014 18:01:04	19.32	51.80	34.13	7.54	7.94	5.4	2.381	100.2	3.4	1.1	0.8
696	8/29/2014 18:16:04	19.40	51.90	34.21	7.52	7.94	5.3	2.302	100.0	3.5	1.1	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
697	8/29/2014 18:31:03	19.41	51.91	34.21	7.49	7.94	4.5	2.221	99.7	4.0	1.2	1.0
698	8/29/2014 18:46:03	19.49	51.95	34.25	7.69	7.95	4.7	2.110	102.5	3.6	1.1	0.8
699	8/29/2014 19:01:03	19.50	51.95	34.24	7.70	7.95	5.4	2.011	102.7	3.6	1.1	0.9
700	8/29/2014 19:16:03	19.49	51.94	34.24	7.90	7.96	5.0	1.921	105.3	3.7	1.1	0.9
701	8/29/2014 19:31:03	19.30	51.95	34.25	7.88	7.97	5.2	1.846	104.7	3.9	1.2	0.9
702	8/29/2014 19:46:03	19.23	51.88	34.19	7.83	7.97	5.2	1.748	103.8	4.2	1.3	1.0
703	8/29/2014 20:01:03	19.17	51.92	34.22	7.89	7.97	5.0	1.646	104.6	4.0	1.2	0.9
704	8/29/2014 20:16:03	19.39	51.97	34.26	8.03	7.98	4.5	1.604	106.9	5.0	1.6	1.2
705	8/29/2014 20:31:03	19.44	51.95	34.25	7.90	7.97	4.8	1.545	105.2	5.8	1.8	1.4
706	8/29/2014 20:46:03	19.48	51.96	34.25	7.80	7.97	5.3	1.480	104.0	5.1	1.6	1.2
707	8/29/2014 21:01:03	19.82	51.95	34.25	8.02	7.98	4.3	1.479	107.6	5.3	1.6	1.3
708	8/29/2014 21:16:03	19.93	51.99	34.27	7.62	7.96	3.4	1.464	102.4	4.2	1.3	1.0
709	8/29/2014 21:31:03	19.91	52.17	34.41	7.71	7.97	3.2	1.480	103.7	4.8	1.5	1.1
710	8/29/2014 21:46:03	19.98	52.12	34.37	8.15	7.99	3.9	1.503	109.7	4.2	1.3	1.0
711	8/29/2014 22:01:03	20.15	52.12	34.37	8.17	7.99	4.0	1.549	110.3	4.8	1.5	1.1
712	8/29/2014 22:16:03	20.28	52.18	34.41	8.23	8.00	4.6	1.606	111.4	4.7	1.5	1.1
713	8/29/2014 22:31:03	20.18	52.16	34.40	8.22	7.99	4.3	1.691	111.0	4.6	1.4	1.1
714	8/29/2014 22:46:03	20.47	52.18	34.41	7.82	7.95	5.9	1.753	106.3	5.0	1.6	1.2
715	8/29/2014 23:01:03	20.66	52.22	34.44	7.53	7.93	6.2	1.828	102.7	5.4	1.7	1.3
716	8/29/2014 23:16:03	20.37	52.16	34.39	7.60	7.94	5.5	1.916	103.1	5.3	1.6	1.3
717	8/29/2014 23:31:03	20.20	52.12	34.37	7.59	7.93	5.1	1.968	102.6	5.1	1.6	1.2
718	8/29/2014 23:46:03	20.06	52.12	34.37	7.59	7.94	5.0	2.053	102.4	4.8	1.5	1.1
719	8/30/2014 0:01:03	19.85	52.13	34.38	7.63	7.94	4.4	2.120	102.4	4.8	1.5	1.1
720	8/30/2014 0:16:03	19.31	51.96	34.25	7.43	7.92	4.5	2.191	98.8	4.5	1.4	1.1
721	8/30/2014 0:31:03	19.18	52.00	34.28	7.30	7.91	4.0	2.259	96.8	4.6	1.4	1.1
722	8/30/2014 0:46:03	19.08	51.95	34.25	7.23	7.90	4.2	2.329	95.7	4.3	1.3	1.0
723	8/30/2014 1:01:03	18.91	51.93	34.23	7.22	7.90	4.0	2.393	95.3	4.7	1.5	1.1
724	8/30/2014 1:16:04	18.63	51.90	34.21	7.25	7.90	4.4	2.468	95.1	4.0	1.2	1.0
725	8/30/2014 1:31:04	18.44	51.85	34.17	7.28	7.91	4.3	2.528	95.1	4.9	1.5	1.2
726	8/30/2014 1:46:04	18.28	51.82	34.15	7.30	7.91	5.4	2.586	95.0	5.0	1.6	1.2
727	8/30/2014 2:01:04	18.19	51.76	34.10	7.28	7.91	4.1	2.648	94.6	4.8	1.5	1.1
728	8/30/2014 2:16:04	18.09	51.80	34.13	7.29	7.92	3.7	2.702	94.6	4.9	1.5	1.2
729	8/30/2014 2:31:03	17.84	51.73	34.08	7.43	7.93	3.7	2.755	96.0	5.0	1.6	1.2
730	8/30/2014 2:46:03	17.66	51.71	34.06	7.52	7.93	3.2	2.812	96.8	5.3	1.6	1.2
731	8/30/2014 3:01:04	17.44	51.70	34.05	7.58	7.94	2.9	2.841	97.1	4.7	1.5	1.1
732	8/30/2014 3:16:04	17.37	51.65	34.01	7.55	7.94	2.4	2.879	96.7	4.8	1.5	1.1
733	8/30/2014 3:31:03	18.11	51.82	34.15	7.18	7.91	3.7	2.898	93.2	4.8	1.5	1.1
734	8/30/2014 3:46:03	17.86	51.83	34.15	6.97	7.91	2.3	2.887	90.1	3.3	1.0	0.8
735	8/30/2014 4:01:03	17.64	51.69	34.05	7.06	7.91	2.5	2.868	90.8	3.7	1.1	0.9
736	8/30/2014 4:16:04	17.94	51.80	34.13	6.56	7.88	3.9	2.841	84.9	4.8	1.5	1.1
737	8/30/2014 4:31:04	18.07	51.78	34.11	6.34	7.86	5.6	2.781	82.3	4.2	1.3	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
738	8/30/2014 4:46:03	18.10	51.81	34.14	6.40	7.86	5.5	2.712	83.0	4.0	1.2	1.0
739	8/30/2014 5:01:04	18.09	51.84	34.16	6.42	7.86	5.9	2.654	83.4	4.1	1.3	1.0
740	8/30/2014 5:16:04	18.04	51.83	34.15	6.61	7.87	5.4	2.570	85.7	4.3	1.3	1.0
741	8/30/2014 5:31:03	18.12	51.75	34.10	6.64	7.88	5.8	2.486	86.1	3.9	1.2	0.9
742	8/30/2014 5:46:03	18.36	51.75	34.10	6.53	7.87	4.7	2.408	85.2	4.2	1.3	1.0
743	8/30/2014 6:01:03	18.59	51.82	34.15	6.48	7.86	5.6	2.331	84.9	3.5	1.1	0.8
744	8/30/2014 6:16:03	18.55	51.95	34.24	6.43	7.85	7.6	2.260	84.3	4.0	1.2	0.9
745	8/30/2014 6:31:04	18.90	51.89	34.20	6.27	7.84	7.0	2.171	82.7	4.0	1.2	0.9
746	8/30/2014 6:46:04	18.88	52.03	34.30	6.27	7.84	6.8	2.094	82.7	3.4	1.1	0.8
747	8/30/2014 7:01:04	19.12	51.85	34.17	6.14	7.83	6.1	2.020	81.3	3.5	1.1	0.8
748	8/30/2014 7:16:04	18.93	51.96	34.25	6.06	7.83	7.0	1.939	79.9	3.7	1.1	0.9
749	8/30/2014 7:31:04	18.99	52.04	34.31	6.13	7.83	5.3	1.866	81.0	3.6	1.1	0.8
750	8/30/2014 7:46:03	18.95	51.99	34.27	6.16	7.83	5.7	1.800	81.3	4.0	1.2	0.9
751	8/30/2014 8:01:03	18.93	52.02	34.29	6.17	7.83	5.8	1.735	81.5	4.0	1.2	0.9
752	8/30/2014 8:16:04	19.05	52.00	34.28	6.12	7.83	5.0	1.677	81.0	3.4	1.1	0.8
753	8/30/2014 8:31:04	19.13	51.97	34.26	6.18	7.84	5.2	1.644	81.8	3.1	1.0	0.7
754	8/30/2014 8:46:03	19.16	52.00	34.28	6.12	7.84	4.5	1.606	81.2	3.6	1.1	0.9
755	8/30/2014 9:01:03	19.31	52.00	34.28	6.10	7.84	3.4	1.581	81.1	4.1	1.3	1.0
756	8/30/2014 9:16:03	19.46	52.06	34.32	5.86	7.83	3.3	1.602	78.1	2.6	0.8	0.6
757	8/30/2014 9:31:03	19.47	52.09	34.35	6.38	7.86	3.9	1.608	85.1	3.9	1.2	0.9
758	8/30/2014 9:46:03	19.57	52.13	34.38	6.46	7.86	3.9	1.624	86.3	3.8	1.2	0.9
759	8/30/2014 10:01:03	19.57	52.10	34.36	6.49	7.87	4.1	1.687	86.7	4.1	1.3	1.0
760	8/30/2014 10:16:03	19.61	52.15	34.40	6.54	7.87	3.9	1.747	87.5	3.6	1.1	0.8
761	8/30/2014 10:31:03	19.56	52.13	34.38	6.58	7.87	4.3	1.816	87.9	3.3	1.0	0.8
762	8/30/2014 10:46:03	19.57	52.13	34.37	6.60	7.88	4.0	1.875	88.2	3.6	1.1	0.8
763	8/30/2014 11:01:03	19.51	52.10	34.36	6.62	7.87	4.5	1.956	88.3	3.1	1.0	0.7
764	8/30/2014 11:16:03	19.43	52.07	34.33	6.59	7.87	4.4	2.043	87.9	3.3	1.0	0.8
765	8/30/2014 11:31:03	19.33	52.03	34.31	6.60	7.87	4.7	2.099	87.8	3.9	1.2	0.9
766	8/30/2014 11:46:03	19.27	52.00	34.28	6.63	7.86	4.8	2.177	88.0	3.5	1.1	0.8
767	8/30/2014 12:01:03	19.00	51.92	34.22	6.70	7.87	4.7	2.260	88.5	3.0	0.9	0.7
768	8/30/2014 12:16:04	18.84	51.93	34.23	6.76	7.88	4.6	2.328	89.0	3.3	1.0	0.8
769	8/30/2014 12:31:04	18.74	51.91	34.21	6.80	7.88	4.9	2.402	89.4	3.7	1.1	0.9
770	8/30/2014 12:46:03	18.69	51.85	34.17	6.88	7.89	5.6	2.484	90.3	4.0	1.2	1.0
771	8/30/2014 13:01:04	18.55	51.83	34.15	7.04	7.90	4.9	2.560	92.2	3.6	1.1	0.9
772	8/30/2014 13:16:04	18.28	51.77	34.11	7.15	7.91	4.8	2.632	93.1	4.3	1.3	1.0
773	8/30/2014 13:31:04	18.09	51.73	34.08	7.25	7.92	4.2	2.706	94.1	4.4	1.4	1.0
774	8/30/2014 13:46:04	17.94	51.72	34.07	7.32	7.92	4.6	2.785	94.7	5.2	1.6	1.2
775	8/30/2014 14:01:03	17.62	51.66	34.02	7.58	7.95	4.2	2.857	97.4	6.0	1.9	1.4
776	8/30/2014 14:16:04	17.27	51.61	33.98	7.86	7.97	3.9	2.936	100.3	6.4	2.0	1.5
777	8/30/2014 14:31:04	16.94	51.57	33.95	8.09	7.99	3.1	3.000	102.6	6.7	2.1	1.6
778	8/30/2014 14:46:04	16.74	51.55	33.93	8.21	8.01	3.9	3.065	103.7	7.5	2.3	1.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
779	8/30/2014 15:01:04	16.49	51.53	33.91	8.36	8.02	2.6	3.116	105.2	7.1	2.2	1.7
780	8/30/2014 15:16:04	16.35	51.51	33.90	8.55	8.03	2.1	3.153	107.2	7.1	2.2	1.7
781	8/30/2014 15:31:04	16.29	51.51	33.89	8.62	8.04	1.9	3.188	107.9	7.4	2.3	1.8
782	8/30/2014 15:46:04	16.42	51.43	33.84	8.35	8.03	1.8	3.206	104.8	5.2	1.6	1.2
783	8/30/2014 16:01:04	16.45	51.50	33.89	8.20	8.02	1.7	3.180	103.0	4.5	1.4	1.1
784	8/30/2014 16:16:04	16.43	51.52	33.91	8.21	8.02	1.8	3.153	103.1	5.1	1.6	1.2
785	8/30/2014 16:31:04	16.83	51.29	33.75	8.02	8.01	2.5	3.115	101.3	4.5	1.4	1.1
786	8/30/2014 16:46:03	17.27	51.33	33.78	7.91	8.00	4.4	3.051	100.9	5.1	1.6	1.2
787	8/30/2014 17:01:03	17.49	51.53	33.93	8.28	8.02	4.7	2.967	106.1	5.9	1.8	1.4
788	8/30/2014 17:16:03	17.75	51.58	33.96	8.14	8.01	4.4	2.883	104.9	5.7	1.8	1.4
789	8/30/2014 17:31:04	17.81	51.59	33.98	8.08	8.00	4.5	2.797	104.3	5.1	1.6	1.2
790	8/30/2014 17:46:03	18.02	51.61	33.99	7.88	7.99	4.3	2.708	102.1	5.2	1.6	1.2
791	8/30/2014 18:01:04	18.46	51.59	33.98	7.61	7.97	5.2	2.613	99.4	4.7	1.5	1.1
792	8/30/2014 18:16:03	18.95	51.74	34.09	7.42	7.95	5.2	2.527	97.9	3.6	1.1	0.8
793	8/30/2014 18:31:03	19.27	51.77	34.11	7.43	7.94	5.1	2.439	98.5	3.5	1.1	0.8
794	8/30/2014 18:46:03	19.55	51.81	34.14	7.33	7.94	5.1	2.340	97.8	4.2	1.3	1.0
795	8/30/2014 19:01:03	19.64	51.89	34.20	7.41	7.94	5.1	2.255	99.0	3.9	1.2	0.9
796	8/30/2014 19:16:03	19.20	51.86	34.18	7.71	7.96	5.3	2.160	102.2	5.5	1.7	1.3
797	8/30/2014 19:31:04	19.21	51.86	34.18	7.70	7.97	5.8	2.066	102.1	4.7	1.5	1.1
798	8/30/2014 19:46:04	19.09	51.82	34.15	7.71	7.98	6.2	1.973	102.0	5.9	1.8	1.4
799	8/30/2014 20:01:03	19.32	51.77	34.11	7.61	7.97	8.7	1.881	101.0	6.2	1.9	1.5
800	8/30/2014 20:16:03	19.08	51.83	34.16	7.66	7.97	6.2	1.788	101.3	5.5	1.7	1.3
801	8/30/2014 20:31:03	19.37	51.85	34.17	7.54	7.96	6.0	1.696	100.2	5.3	1.6	1.3
802	8/30/2014 20:46:03	19.58	51.86	34.18	7.43	7.96	5.7	1.627	99.1	5.4	1.7	1.3
803	8/30/2014 21:01:03	19.74	51.91	34.22	7.34	7.95	5.7	1.552	98.3	5.0	1.6	1.2
804	8/30/2014 21:16:04	19.93	51.96	34.25	7.24	7.95	4.8	1.506	97.4	5.0	1.6	1.2
805	8/30/2014 21:31:03	20.11	51.96	34.25	7.17	7.94	5.5	1.463	96.7	5.1	1.6	1.2
806	8/30/2014 21:46:03	20.29	52.05	34.32	6.75	7.91	4.0	1.437	91.4	3.4	1.1	0.8
807	8/30/2014 22:01:03	20.47	52.08	34.33	5.92	7.88	3.3	1.435	80.4	3.3	1.0	0.8
808	8/30/2014 22:16:03	20.57	52.13	34.37	6.88	7.91	4.7	1.449	93.6	5.0	1.6	1.2
809	8/30/2014 22:31:03	20.84	52.18	34.41	7.75	7.99	5.4	1.480	106.0	6.1	1.9	1.4
810	8/30/2014 22:46:03	20.74	52.18	34.41	7.85	7.99	4.9	1.515	107.1	5.0	1.6	1.2
811	8/30/2014 23:01:03	20.91	52.20	34.43	7.85	7.99	5.7	1.575	107.5	5.9	1.8	1.4
812	8/30/2014 23:16:03	20.79	52.23	34.44	7.88	7.99	5.3	1.638	107.8	4.7	1.5	1.1
813	8/30/2014 23:31:03	20.62	52.20	34.43	7.81	7.97	5.1	1.711	106.5	5.6	1.7	1.3
814	8/30/2014 23:46:03	20.94	52.22	34.43	7.38	7.94	6.5	1.774	101.2	5.4	1.7	1.3
815	8/31/2014 0:01:03	21.03	52.24	34.45	7.22	7.92	5.6	1.847	99.1	5.5	1.7	1.3
816	8/31/2014 0:16:03	20.76	52.24	34.45	7.30	7.93	5.7	1.912	99.7	5.4	1.7	1.3
817	8/31/2014 0:31:03	20.56	52.18	34.41	7.32	7.93	5.5	1.968	99.6	5.1	1.6	1.2
818	8/31/2014 0:46:03	20.43	52.15	34.39	7.31	7.93	5.0	2.039	99.2	5.7	1.8	1.3
819	8/31/2014 1:01:03	20.31	52.11	34.36	7.32	7.93	4.5	2.106	99.1	5.5	1.7	1.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
820	8/31/2014 1:16:03	19.93	52.07	34.33	7.23	7.91	4.1	2.165	97.2	5.2	1.6	1.2
821	8/31/2014 1:31:03	19.74	52.00	34.28	7.18	7.91	4.8	2.237	96.2	4.6	1.4	1.1
822	8/31/2014 1:46:03	19.58	51.99	34.28	7.21	7.91	4.3	2.293	96.3	4.8	1.5	1.1
823	8/31/2014 2:01:03	19.38	51.96	34.25	7.24	7.91	4.0	2.358	96.4	4.7	1.5	1.1
824	8/31/2014 2:16:03	19.15	51.94	34.24	7.27	7.91	3.8	2.416	96.3	4.4	1.4	1.1
825	8/31/2014 2:31:03	19.05	51.85	34.17	7.23	7.91	4.7	2.472	95.6	4.3	1.3	1.0
826	8/31/2014 2:46:04	18.84	51.86	34.18	7.30	7.91	3.5	2.535	96.2	5.3	1.6	1.3
827	8/31/2014 3:01:04	18.72	51.85	34.17	7.25	7.92	3.2	2.587	95.3	4.9	1.5	1.2
828	8/31/2014 3:16:03	18.64	51.82	34.15	7.29	7.92	3.1	2.642	95.7	5.2	1.6	1.2
829	8/31/2014 3:31:03	18.51	51.83	34.15	7.28	7.92	2.9	2.675	95.2	4.5	1.4	1.1
830	8/31/2014 3:46:04	18.32	51.83	34.15	7.30	7.93	3.2	2.724	95.2	5.7	1.8	1.4
831	8/31/2014 4:01:04	18.19	51.79	34.12	7.26	7.93	2.8	2.760	94.4	5.2	1.6	1.2
832	8/31/2014 4:16:04	18.58	51.39	33.83	7.12	7.92	3.4	2.767	93.0	4.8	1.5	1.1
833	8/31/2014 4:31:04	18.83	51.90	34.21	6.41	7.87	2.6	2.784	84.3	3.5	1.1	0.8
834	8/31/2014 4:46:04	18.68	51.92	34.22	6.03	7.87	2.2	2.768	79.2	3.6	1.1	0.8
835	8/31/2014 5:01:03	18.59	51.74	34.09	6.07	7.87	3.9	2.749	79.5	3.6	1.1	0.8
836	8/31/2014 5:16:04	18.88	51.98	34.27	5.67	7.84	7.8	2.704	74.7	3.9	1.2	0.9
837	8/31/2014 5:31:04	18.85	52.04	34.31	5.53	7.82	5.9	2.652	72.9	3.9	1.2	0.9
838	8/31/2014 5:46:04	18.85	52.00	34.28	5.70	7.81	7.0	2.596	75.1	3.8	1.2	0.9
839	8/31/2014 6:01:04	18.86	51.97	34.26	6.02	7.83	6.5	2.520	79.3	3.3	1.0	0.8
840	8/31/2014 6:16:04	18.71	51.96	34.25	6.28	7.85	5.6	2.457	82.5	3.2	1.0	0.8
841	8/31/2014 6:31:04	18.80	51.95	34.24	6.26	7.86	4.8	2.392	82.4	4.3	1.3	1.0
842	8/31/2014 6:46:04	18.94	51.91	34.21	6.23	7.85	5.1	2.313	82.2	3.9	1.2	0.9
843	8/31/2014 7:01:04	18.96	51.97	34.26	6.16	7.85	5.9	2.252	81.3	4.6	1.4	1.1
844	8/31/2014 7:16:03	19.18	51.94	34.24	6.02	7.84	5.2	2.186	79.8	3.9	1.2	0.9
845	8/31/2014 7:31:03	19.27	51.98	34.27	5.98	7.83	5.0	2.121	79.5	3.1	1.0	0.7
846	8/31/2014 7:46:04	19.26	52.02	34.30	6.04	7.83	5.3	2.054	80.2	3.9	1.2	0.9
847	8/31/2014 8:01:04	19.22	51.99	34.27	5.91	7.83	4.9	1.993	78.4	3.7	1.1	0.9
848	8/31/2014 8:16:04	19.27	52.01	34.29	5.90	7.83	4.8	1.941	78.4	3.2	1.0	0.8
849	8/31/2014 8:31:03	19.37	51.98	34.27	5.86	7.83	4.7	1.878	78.0	3.1	1.0	0.7
850	8/31/2014 8:46:03	19.38	52.04	34.31	5.87	7.83	3.9	1.844	78.1	3.5	1.1	0.8
851	8/31/2014 9:01:03	19.48	52.04	34.31	5.70	7.83	3.7	1.798	76.0	3.5	1.1	0.8
852	8/31/2014 9:16:03	19.53	52.05	34.32	5.45	7.82	3.2	1.773	72.8	2.8	0.9	0.7
853	8/31/2014 9:31:04	19.65	52.04	34.31	4.73	7.78	2.6	1.757	63.3	1.9	0.6	0.5
854	8/31/2014 9:46:04	19.71	52.12	34.37	4.33	7.76	2.7	1.751	58.0	2.3	0.7	0.5
855	8/31/2014 10:01:03	19.94	52.07	34.33	5.86	7.83	3.8	1.768	78.9	3.8	1.2	0.9
856	8/31/2014 10:16:03	19.96	52.16	34.40	6.15	7.86	4.2	1.778	82.8	4.8	1.5	1.1
857	8/31/2014 10:31:03	19.95	52.13	34.38	6.29	7.87	3.3	1.813	84.6	5.0	1.6	1.2
858	8/31/2014 10:46:03	19.95	52.14	34.39	6.42	7.87	3.9	1.854	86.4	4.6	1.4	1.1
859	8/31/2014 11:01:03	19.86	52.14	34.39	6.39	7.86	3.9	1.905	85.8	3.3	1.0	0.8
860	8/31/2014 11:16:03	19.82	52.13	34.38	6.39	7.86	4.3	1.972	85.8	3.3	1.0	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
861	8/31/2014 11:31:03	19.80	52.09	34.35	6.45	7.86	4.5	2.028	86.5	3.5	1.1	0.8
862	8/31/2014 11:46:03	19.67	52.06	34.33	6.43	7.86	4.2	2.087	86.1	2.7	0.8	0.6
863	8/31/2014 12:01:03	19.58	52.06	34.33	6.49	7.86	4.3	2.164	86.7	3.6	1.1	0.9
864	8/31/2014 12:16:03	19.49	52.07	34.33	6.53	7.86	4.0	2.227	87.1	3.4	1.1	0.8
865	8/31/2014 12:31:03	19.36	52.02	34.30	6.66	7.87	4.0	2.290	88.6	3.8	1.2	0.9
866	8/31/2014 12:46:03	19.14	52.00	34.28	6.78	7.87	4.4	2.363	89.8	3.6	1.1	0.9
867	8/31/2014 13:01:04	18.98	51.93	34.23	6.92	7.88	4.0	2.428	91.3	3.4	1.1	0.8
868	8/31/2014 13:16:04	18.89	51.93	34.23	7.02	7.90	4.0	2.498	92.5	4.0	1.2	1.0
869	8/31/2014 13:31:04	18.80	51.86	34.18	7.16	7.90	3.4	2.566	94.2	4.3	1.3	1.0
870	8/31/2014 13:46:04	18.68	51.86	34.18	7.28	7.92	3.8	2.636	95.5	4.3	1.3	1.0
871	8/31/2014 14:01:03	18.46	51.80	34.13	7.47	7.93	3.9	2.714	97.6	5.0	1.6	1.2
872	8/31/2014 14:16:04	18.17	51.81	34.14	7.64	7.95	3.1	2.789	99.3	6.2	1.9	1.5
873	8/31/2014 14:31:04	18.01	51.74	34.09	7.70	7.96	3.0	2.851	99.8	6.0	1.9	1.4
874	8/31/2014 14:46:03	17.66	51.76	34.10	7.89	7.97	3.2	2.925	101.5	6.2	1.9	1.5
875	8/31/2014 15:01:03	17.37	51.69	34.04	8.18	8.00	2.9	2.990	104.7	6.7	2.1	1.6
876	8/31/2014 15:16:03	17.21	51.63	34.00	8.36	8.01	2.3	3.041	106.7	7.8	2.4	1.9
877	8/31/2014 15:31:04	17.04	51.62	33.99	8.50	8.03	2.1	3.095	108.0	7.7	2.4	1.8
878	8/31/2014 15:46:04	16.92	51.58	33.96	8.47	8.03	2.1	3.133	107.4	7.7	2.4	1.8
879	8/31/2014 16:01:04	16.82	51.59	33.96	8.28	8.03	1.7	3.163	104.9	5.6	1.7	1.3
880	8/31/2014 16:16:04	16.77	51.55	33.94	7.49	7.99	1.9	3.181	94.7	2.3	0.7	0.5
881	8/31/2014 16:31:04	16.79	51.53	33.92	7.91	8.02	1.7	3.180	100.0	6.4	2.0	1.5
882	8/31/2014 16:46:04	16.82	51.55	33.93	7.76	8.00	2.2	3.157	98.2	4.4	1.4	1.0
883	8/31/2014 17:01:04	16.95	51.50	33.90	7.97	8.01	2.6	3.125	101.1	5.0	1.6	1.2
884	8/31/2014 17:16:04	17.49	51.40	33.83	8.09	8.01	2.6	3.083	103.7	5.3	1.6	1.3
885	8/31/2014 17:31:03	17.85	51.60	33.98	8.14	8.02	4.1	3.010	105.1	6.1	1.9	1.4
886	8/31/2014 17:46:03	18.08	51.60	33.99	8.05	8.02	4.8	2.941	104.4	7.4	2.3	1.8
887	8/31/2014 18:01:03	18.09	51.67	34.03	8.18	8.02	4.8	2.867	106.1	7.0	2.2	1.7
888	8/31/2014 18:16:04	18.41	51.67	34.03	7.70	7.99	6.3	2.783	100.6	5.4	1.7	1.3
889	8/31/2014 18:31:03	18.76	51.73	34.08	7.42	7.96	6.7	2.701	97.5	5.2	1.6	1.2
890	8/31/2014 18:46:04	19.13	51.84	34.16	7.25	7.94	5.4	2.606	96.0	4.8	1.5	1.1
891	8/31/2014 19:01:03	19.42	51.82	34.15	7.12	7.93	6.8	2.523	94.8	4.4	1.4	1.0
892	8/31/2014 19:16:03	19.61	51.95	34.25	6.95	7.92	7.0	2.444	92.9	4.3	1.3	1.0
893	8/31/2014 19:31:03	19.46	51.98	34.26	7.02	7.93	6.9	2.346	93.6	4.9	1.5	1.2
894	8/31/2014 19:46:03	19.11	51.90	34.21	7.26	7.95	7.5	2.264	96.1	5.2	1.6	1.2
895	8/31/2014 20:01:03	19.11	51.83	34.16	7.24	7.95	8.6	2.177	95.9	6.2	1.9	1.5
896	8/31/2014 20:16:03	19.30	51.79	34.13	7.11	7.94	9.9	2.071	94.5	6.7	2.1	1.6
897	8/31/2014 20:31:04	19.35	51.94	34.23	7.00	7.93	8.2	1.990	93.1	5.7	1.8	1.4
898	8/31/2014 20:46:03	19.58	52.03	34.30	6.84	7.92	9.1	1.910	91.3	5.1	1.6	1.2
899	8/31/2014 21:01:04	19.61	52.03	34.30	6.58	7.91	7.2	1.809	87.9	5.1	1.6	1.2
900	8/31/2014 21:16:04	19.53	52.02	34.30	6.55	7.90	7.2	1.725	87.4	3.8	1.2	0.9
901	8/31/2014 21:31:04	19.55	51.99	34.27	6.15	7.87	6.4	1.654	82.1	4.4	1.4	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
902	8/31/2014 21:46:03	19.57	51.92	34.22	5.64	7.84	6.2	1.578	75.3	4.0	1.2	1.0
903	8/31/2014 22:01:03	19.61	51.92	34.22	5.74	7.84	6.5	1.515	76.7	4.6	1.4	1.1
904	8/31/2014 22:16:03	19.62	51.87	34.19	5.31	7.82	5.7	1.469	71.0	3.0	0.9	0.7
905	8/31/2014 22:31:03	19.83	51.81	34.14	5.45	7.81	6.5	1.433	73.1	4.1	1.3	1.0
906	8/31/2014 22:46:03	19.99	51.81	34.14	4.73	7.80	4.2	1.422	63.7	2.7	0.8	0.6
907	8/31/2014 23:01:03	20.02	51.90	34.21	4.71	7.77	3.8	1.417	63.4	3.3	1.0	0.8
908	8/31/2014 23:16:03	20.23	52.01	34.29	5.77	7.84	8.1	1.425	78.1	5.9	1.8	1.4
909	8/31/2014 23:31:03	20.66	52.21	34.43	6.52	7.90	10.4	1.483	88.9	5.7	1.8	1.4
910	8/31/2014 23:46:03	20.49	52.28	34.49	6.60	7.91	9.0	1.516	89.8	5.7	1.8	1.4
911	9/1/2014 0:01:03	20.74	52.26	34.46	6.66	7.93	11.6	1.564	91.0	5.3	1.6	1.3
912	9/1/2014 0:16:03	20.69	52.31	34.51	6.63	7.92	9.7	1.627	90.6	5.8	1.8	1.4
913	9/1/2014 0:31:03	20.57	52.28	34.48	6.67	7.91	9.6	1.695	90.9	5.4	1.7	1.3
914	9/1/2014 0:46:03	20.59	52.24	34.45	6.64	7.91	9.4	1.759	90.5	5.6	1.7	1.3
915	9/1/2014 1:01:03	20.69	52.29	34.49	6.61	7.91	9.4	1.808	90.2	5.3	1.6	1.3
916	9/1/2014 1:16:03	20.58	52.34	34.53	6.68	7.91	8.3	1.867	91.0	5.2	1.6	1.2
917	9/1/2014 1:31:03	20.55	52.26	34.47	6.68	7.90	7.9	1.930	91.0	5.0	1.6	1.2
918	9/1/2014 1:46:03	20.49	52.25	34.46	6.66	7.90	8.1	1.990	90.6	5.5	1.7	1.3
919	9/1/2014 2:01:03	20.46	52.27	34.48	6.65	7.90	7.9	2.040	90.4	6.1	1.9	1.5
920	9/1/2014 2:16:03	20.41	52.26	34.47	6.68	7.90	7.6	2.102	90.6	5.6	1.7	1.3
921	9/1/2014 2:31:03	20.09	52.25	34.47	6.80	7.90	6.3	2.161	91.8	5.7	1.8	1.4
922	9/1/2014 2:46:03	19.75	52.14	34.38	6.96	7.90	7.4	2.214	93.3	5.4	1.7	1.3
923	9/1/2014 3:01:03	19.63	52.07	34.33	7.03	7.91	5.1	2.268	94.0	5.5	1.7	1.3
924	9/1/2014 3:16:03	19.52	52.03	34.30	7.07	7.91	4.7	2.331	94.3	5.2	1.6	1.2
925	9/1/2014 3:31:03	19.36	52.04	34.31	7.08	7.92	4.2	2.378	94.2	5.9	1.8	1.4
926	9/1/2014 3:46:03	19.21	51.98	34.26	7.14	7.92	3.7	2.433	94.8	5.7	1.8	1.3
927	9/1/2014 4:01:03	19.04	51.96	34.25	7.21	7.92	3.9	2.484	95.4	5.2	1.6	1.2
928	9/1/2014 4:16:03	18.95	51.94	34.24	7.16	7.92	3.1	2.518	94.4	5.6	1.7	1.3
929	9/1/2014 4:31:04	18.85	51.92	34.22	7.14	7.92	3.4	2.568	94.1	5.1	1.6	1.2
930	9/1/2014 4:46:04	18.83	51.89	34.20	7.04	7.92	3.1	2.603	92.7	6.0	1.9	1.4
931	9/1/2014 5:01:03	18.75	51.89	34.20	7.05	7.93	2.9	2.631	92.6	6.8	2.1	1.6
932	9/1/2014 5:16:04	19.05	51.70	34.06	6.69	7.90	4.4	2.646	88.4	5.2	1.6	1.2
933	9/1/2014 5:31:03	19.46	52.05	34.32	5.81	7.86	4.2	2.656	77.5	3.6	1.1	0.8
934	9/1/2014 5:46:03	19.28	52.09	34.35	5.57	7.84	2.9	2.649	74.0	3.8	1.2	0.9
935	9/1/2014 6:01:03	19.11	52.03	34.30	5.93	7.84	4.3	2.623	78.6	3.9	1.2	0.9
936	9/1/2014 6:16:03	19.02	51.97	34.26	6.13	7.86	3.7	2.590	81.1	3.9	1.2	0.9
937	9/1/2014 6:31:03	19.31	51.94	34.24	5.49	7.82	10.6	2.554	72.9	4.5	1.4	1.1
938	9/1/2014 6:46:03	19.22	52.13	34.38	5.09	7.81	7.8	2.506	67.5	4.3	1.3	1.0
939	9/1/2014 7:01:04	19.27	52.13	34.37	5.27	7.81	6.5	2.438	70.0	4.1	1.3	1.0
940	9/1/2014 7:16:03	19.20	52.05	34.32	5.54	7.82	6.1	2.376	73.5	3.8	1.2	0.9
941	9/1/2014 7:31:03	19.15	52.04	34.31	5.65	7.82	5.4	2.328	74.9	3.9	1.2	0.9
942	9/1/2014 7:46:03	19.17	52.08	34.34	5.67	7.83	5.3	2.256	75.2	4.0	1.2	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
943	9/1/2014 8:01:04	19.29	52.03	34.30	5.54	7.82	5.1	2.198	73.7	4.2	1.3	1.0
944	9/1/2014 8:16:04	19.42	52.08	34.34	5.41	7.81	5.4	2.144	72.0	3.9	1.2	0.9
945	9/1/2014 8:31:04	19.38	52.09	34.34	5.49	7.82	5.0	2.082	73.1	3.9	1.2	0.9
946	9/1/2014 8:46:03	19.44	52.08	34.34	5.47	7.82	6.2	2.046	72.8	3.6	1.1	0.9
947	9/1/2014 9:01:03	19.54	52.08	34.34	5.52	7.83	4.6	1.984	73.7	3.7	1.1	0.9
948	9/1/2014 9:16:03	19.60	52.07	34.33	5.51	7.82	4.4	1.947	73.6	3.6	1.1	0.9
949	9/1/2014 9:31:03	19.66	52.08	34.34	5.50	7.82	5.0	1.917	73.6	3.5	1.1	0.8
950	9/1/2014 9:46:03	19.62	52.14	34.38	5.08	7.80	3.6	1.889	68.0	3.4	1.1	0.8
951	9/1/2014 10:01:03	19.66	52.12	34.37	4.69	7.78	4.0	1.869	62.7	2.9	0.9	0.7
952	9/1/2014 10:16:03	19.71	52.15	34.39	4.43	7.76	2.9	1.855	59.4	2.0	0.6	0.5
953	9/1/2014 10:31:03	19.83	52.16	34.40	5.35	7.81	3.7	1.862	71.9	3.6	1.1	0.9
954	9/1/2014 10:46:03	19.93	52.19	34.42	5.61	7.83	4.6	1.867	75.5	5.4	1.7	1.3
955	9/1/2014 11:01:03	19.95	52.18	34.41	5.90	7.84	5.0	1.882	79.5	5.4	1.7	1.3
956	9/1/2014 11:16:03	19.94	52.20	34.43	5.94	7.85	4.5	1.912	80.0	5.4	1.7	1.3
957	9/1/2014 11:31:04	19.93	52.22	34.45	6.02	7.85	4.8	1.948	81.0	4.4	1.4	1.0
958	9/1/2014 11:46:03	19.90	52.20	34.43	6.02	7.85	4.8	1.993	81.0	4.1	1.3	1.0
959	9/1/2014 12:01:04	19.84	52.20	34.43	6.09	7.86	5.3	2.045	81.8	4.1	1.3	1.0
960	9/1/2014 12:16:03	19.70	52.13	34.38	6.09	7.85	6.6	2.102	81.6	2.9	0.9	0.7
961	9/1/2014 12:31:03	19.59	52.10	34.36	6.09	7.85	5.0	2.152	81.4	3.9	1.2	0.9
962	9/1/2014 12:46:03	19.53	52.10	34.35	6.25	7.86	4.7	2.210	83.5	4.0	1.2	1.0
963	9/1/2014 13:01:03	19.45	52.09	34.35	6.36	7.87	4.9	2.271	84.8	4.0	1.2	1.0
964	9/1/2014 13:16:03	19.37	52.04	34.31	6.43	7.87	4.7	2.333	85.6	4.3	1.3	1.0
965	9/1/2014 13:31:03	19.20	52.04	34.31	6.63	7.88	5.2	2.392	88.0	4.3	1.3	1.0
966	9/1/2014 13:46:03	18.92	51.99	34.27	6.96	7.91	4.2	2.462	91.9	4.7	1.5	1.1
967	9/1/2014 14:01:04	18.78	51.89	34.20	7.09	7.92	4.0	2.518	93.2	4.6	1.4	1.1
968	9/1/2014 14:16:04	18.69	51.86	34.18	7.21	7.93	3.9	2.591	94.7	4.4	1.4	1.0
969	9/1/2014 14:31:03	18.57	51.83	34.15	7.30	7.95	3.5	2.656	95.6	5.0	1.6	1.2
970	9/1/2014 14:46:03	18.44	51.81	34.14	7.49	7.96	3.2	2.717	97.9	5.6	1.7	1.3
971	9/1/2014 15:01:04	18.24	51.76	34.10	7.66	7.97	3.9	2.792	99.7	5.5	1.7	1.3
972	9/1/2014 15:16:04	18.14	51.76	34.10	7.94	8.00	2.9	2.853	103.2	7.5	2.3	1.8
973	9/1/2014 15:31:04	17.91	51.73	34.08	8.05	8.01	2.8	2.919	104.1	7.9	2.4	1.9
974	9/1/2014 15:46:03	17.59	51.72	34.07	8.31	8.03	2.5	2.974	106.9	9.4	2.9	2.2
975	9/1/2014 16:01:04	17.34	51.68	34.03	8.59	8.05	2.7	3.029	109.9	9.1	2.8	2.2
976	9/1/2014 16:16:04	17.16	51.65	34.01	8.88	8.07	2.4	3.080	113.1	10.0	3.1	2.4
977	9/1/2014 16:31:04	17.10	51.59	33.97	8.93	8.07	2.1	3.109	113.7	12.7	3.9	3.0
978	9/1/2014 16:46:04	17.01	51.60	33.97	8.63	8.06	2.6	3.143	109.7	8.3	2.6	2.0
979	9/1/2014 17:01:04	16.95	51.55	33.93	8.34	8.05	1.6	3.159	105.8	4.0	1.2	1.0
980	9/1/2014 17:16:03	17.15	51.54	33.93	8.45	8.05	2.1	3.167	107.6	5.5	1.7	1.3
981	9/1/2014 17:31:04	17.13	51.60	33.97	7.80	8.02	1.6	3.145	99.3	4.3	1.3	1.0
982	9/1/2014 17:46:04	17.09	51.62	33.99	7.65	8.00	1.8	3.119	97.4	3.7	1.1	0.9
983	9/1/2014 18:01:04	17.26	51.55	33.94	8.02	8.01	2.1	3.087	102.4	5.1	1.6	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
984	9/1/2014 18:16:04	17.95	51.54	33.94	8.19	8.02	3.1	3.024	105.9	6.3	2.0	1.5
985	9/1/2014 18:31:03	17.91	51.62	34.00	8.37	8.04	2.9	2.962	108.2	8.7	2.7	2.1
986	9/1/2014 18:46:03	18.00	51.62	34.00	8.36	8.04	3.3	2.885	108.3	7.1	2.2	1.7
987	9/1/2014 19:01:04	18.13	51.73	34.08	8.26	8.04	3.7	2.805	107.3	8.3	2.6	2.0
988	9/1/2014 19:16:04	18.85	51.71	34.06	7.95	8.01	3.9	2.728	104.6	6.2	1.9	1.5
989	9/1/2014 19:31:04	19.06	51.86	34.18	7.63	7.99	3.9	2.645	100.8	5.4	1.7	1.3
990	9/1/2014 19:46:03	19.22	51.91	34.22	7.52	7.97	4.1	2.557	99.8	4.8	1.5	1.1
991	9/1/2014 20:01:04	19.42	51.89	34.20	7.44	7.96	4.3	2.472	99.1	4.6	1.4	1.1
992	9/1/2014 20:16:03	19.64	51.97	34.26	7.34	7.96	4.2	2.395	98.1	4.9	1.5	1.2
993	9/1/2014 20:31:03	19.84	52.05	34.32	7.41	7.95	4.5	2.313	99.5	5.0	1.6	1.2
994	9/1/2014 20:46:03	19.89	52.00	34.28	7.27	7.94	4.8	2.218	97.6	4.3	1.3	1.0
995	9/1/2014 21:01:03	19.92	52.02	34.29	7.09	7.94	5.3	2.132	95.4	5.0	1.6	1.2
996	9/1/2014 21:16:03	19.85	52.03	34.30	7.11	7.94	5.1	2.042	95.5	4.8	1.5	1.1
997	9/1/2014 21:31:04	19.59	51.98	34.27	7.29	7.94	4.8	1.965	97.4	5.3	1.6	1.3
998	9/1/2014 21:46:03	19.38	52.02	34.30	7.12	7.95	7.0	1.866	94.8	6.1	1.9	1.4
999	9/1/2014 22:01:03	19.45	51.96	34.25	7.12	7.94	6.6	1.769	94.9	5.8	1.8	1.4
1000	9/1/2014 22:16:03	19.33	52.02	34.29	7.12	7.94	7.3	1.700	94.7	6.1	1.9	1.4
1001	9/1/2014 22:31:03	19.57	52.01	34.29	6.79	7.92	5.7	1.623	90.7	5.3	1.6	1.3
1002	9/1/2014 22:46:03	19.63	52.00	34.28	6.09	7.87	4.6	1.538	81.5	4.0	1.2	0.9
1003	9/1/2014 23:01:04	19.75	52.01	34.29	6.30	7.87	4.2	1.467	84.5	4.2	1.3	1.0
1004	9/1/2014 23:16:03	19.87	51.97	34.26	6.10	7.85	4.1	1.437	81.9	4.3	1.3	1.0
1005	9/1/2014 23:31:04	19.97	51.88	34.19	5.17	7.81	3.2	1.396	69.6	3.3	1.0	0.8
1006	9/1/2014 23:46:03	20.03	51.93	34.23	4.57	7.79	3.1	1.357	61.5	2.2	0.7	0.5
1007	9/2/2014 0:01:03	20.26	51.95	34.24	4.75	7.81	3.1	1.362	64.3	3.4	1.1	0.8
1008	9/2/2014 0:16:03	20.54	52.08	34.34	5.92	7.87	3.4	1.374	80.5	5.1	1.6	1.2
1009	9/2/2014 0:31:03	20.67	52.25	34.46	6.92	7.93	4.1	1.401	94.4	5.4	1.7	1.3
1010	9/2/2014 0:46:03	20.64	52.27	34.48	7.01	7.94	4.1	1.418	95.6	5.9	1.8	1.4
1011	9/2/2014 1:01:03	20.66	52.30	34.50	7.04	7.94	4.0	1.474	96.0	5.6	1.7	1.3
1012	9/2/2014 1:16:03	20.61	52.25	34.46	7.09	7.94	4.6	1.543	96.6	5.4	1.7	1.3
1013	9/2/2014 1:31:03	20.55	52.26	34.47	7.06	7.94	4.1	1.588	96.1	5.3	1.6	1.3
1014	9/2/2014 1:46:03	20.61	52.27	34.48	6.91	7.92	4.7	1.650	94.2	5.1	1.6	1.2
1015	9/2/2014 2:01:03	20.75	52.33	34.52	6.74	7.91	5.1	1.713	92.1	5.1	1.6	1.2
1016	9/2/2014 2:16:03	20.73	52.35	34.53	6.67	7.91	4.3	1.769	91.2	5.4	1.7	1.3
1017	9/2/2014 2:31:03	20.69	52.34	34.53	6.64	7.90	4.2	1.827	90.6	5.3	1.6	1.3
1018	9/2/2014 2:46:03	20.51	52.34	34.53	6.75	7.91	4.2	1.881	91.8	4.7	1.5	1.1
1019	9/2/2014 3:01:03	20.48	52.23	34.45	6.75	7.91	4.5	1.942	91.8	5.0	1.6	1.2
1020	9/2/2014 3:16:03	20.47	52.29	34.49	6.71	7.91	4.8	2.008	91.2	4.8	1.5	1.1
1021	9/2/2014 3:31:03	20.14	52.18	34.41	6.85	7.91	4.1	2.059	92.6	5.3	1.6	1.2
1022	9/2/2014 3:46:03	19.92	52.11	34.36	6.92	7.91	4.2	2.118	93.1	4.5	1.4	1.1
1023	9/2/2014 4:01:03	19.76	52.08	34.34	6.90	7.91	3.6	2.174	92.5	4.9	1.5	1.2
1024	9/2/2014 4:16:03	19.66	52.08	34.34	6.90	7.91	3.6	2.230	92.3	4.2	1.3	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
1025	9/2/2014 4:31:03	19.49	52.05	34.32	7.01	7.92	3.8	2.286	93.5	5.5	1.7	1.3
1026	9/2/2014 4:46:03	19.27	52.05	34.32	7.08	7.93	3.2	2.326	94.0	5.5	1.7	1.3
1027	9/2/2014 5:01:03	19.15	52.01	34.29	7.13	7.93	3.1	2.385	94.5	5.8	1.8	1.4
1028	9/2/2014 5:16:04	19.01	51.96	34.26	7.17	7.93	3.1	2.422	94.7	5.3	1.6	1.3
1029	9/2/2014 5:31:04	18.94	51.93	34.23	7.17	7.94	3.3	2.465	94.7	6.0	1.9	1.4
1030	9/2/2014 5:46:04	18.86	51.93	34.23	7.13	7.94	2.6	2.509	93.9	5.6	1.7	1.3
1031	9/2/2014 6:01:03	18.83	51.89	34.20	6.97	7.93	3.1	2.529	91.7	5.3	1.6	1.3
1032	9/2/2014 6:16:04	18.78	51.89	34.20	6.78	7.92	3.1	2.566	89.2	5.1	1.6	1.2
1033	9/2/2014 6:31:04	19.13	51.79	34.13	6.08	7.89	2.5	2.573	80.5	4.7	1.5	1.1
1034	9/2/2014 6:46:03	19.31	51.88	34.19	5.25	7.84	2.5	2.584	69.8	4.0	1.2	1.0
1035	9/2/2014 7:01:03	19.11	52.03	34.30	5.73	7.85	3.1	2.575	75.9	4.6	1.4	1.1
1036	9/2/2014 7:16:04	19.12	51.95	34.25	5.71	7.84	4.0	2.546	75.7	4.6	1.4	1.1
1037	9/2/2014 7:31:03	19.15	51.94	34.24	5.53	7.82	4.0	2.524	73.3	4.0	1.2	0.9
1038	9/2/2014 7:46:03	19.25	52.07	34.34	5.25	7.80	5.6	2.482	69.7	3.9	1.2	0.9
1039	9/2/2014 8:01:04	19.01	52.23	34.45	5.25	7.81	8.3	2.427	69.5	4.3	1.3	1.0
1040	9/2/2014 8:16:03	18.92	52.21	34.44	5.13	7.81	5.3	2.383	67.8	2.8	0.9	0.7
1041	9/2/2014 8:31:04	19.03	52.08	34.34	5.40	7.81	5.7	2.331	71.5	3.7	1.1	0.9
1042	9/2/2014 8:46:04	19.04	52.10	34.35	5.45	7.82	4.5	2.283	72.1	3.6	1.1	0.9
1043	9/2/2014 9:01:03	19.28	52.01	34.29	5.82	7.85	4.7	2.232	77.3	4.4	1.4	1.0
1044	9/2/2014 9:16:03	19.29	51.97	34.26	5.73	7.84	4.3	2.185	76.1	4.2	1.3	1.0
1045	9/2/2014 9:31:04	19.19	52.09	34.35	5.79	7.84	3.9	2.150	76.9	3.9	1.2	0.9
1046	9/2/2014 9:46:04	19.38	52.07	34.33	5.69	7.84	3.8	2.100	75.8	2.9	0.9	0.7
1047	9/2/2014 10:01:03	19.32	52.06	34.32	5.96	7.85	4.0	2.066	79.2	4.3	1.3	1.0
1048	9/2/2014 10:16:03	19.47	52.08	34.34	5.62	7.84	3.4	2.038	75.0	3.6	1.1	0.9
1049	9/2/2014 10:31:03	19.46	52.14	34.39	5.35	7.82	2.8	2.013	71.3	3.4	1.1	0.8
1050	9/2/2014 10:46:04	19.55	52.11	34.36	5.35	7.82	3.2	1.984	71.5	3.0	0.9	0.7
1051	9/2/2014 11:01:03	19.67	52.13	34.38	5.43	7.83	3.1	1.964	72.7	4.2	1.3	1.0
1052	9/2/2014 11:16:04	19.74	52.16	34.40	5.09	7.79	2.3	1.972	68.2	2.6	0.8	0.6
1053	9/2/2014 11:31:03	19.83	52.14	34.38	5.68	7.81	2.8	1.969	76.3	4.1	1.3	1.0
1054	9/2/2014 11:46:03	19.85	52.18	34.41	5.87	7.84	3.1	1.964	78.8	4.0	1.2	0.9
1055	9/2/2014 12:01:04	19.80	52.22	34.44	6.18	7.87	3.7	1.993	83.0	5.0	1.6	1.2
1056	9/2/2014 12:16:03	19.77	52.16	34.40	6.27	7.87	3.9	2.004	84.1	5.0	1.6	1.2
1057	9/2/2014 12:31:03	19.76	52.15	34.39	6.44	7.88	4.9	2.047	86.4	6.1	1.9	1.4
1058	9/2/2014 12:46:03	19.71	52.17	34.41	6.52	7.89	4.2	2.079	87.3	7.1	2.2	1.7
1059	9/2/2014 13:01:03	19.67	52.17	34.41	6.49	7.88	4.3	2.110	86.9	5.6	1.7	1.3
1060	9/2/2014 13:16:03	19.57	52.10	34.36	6.49	7.88	4.1	2.164	86.7	4.8	1.5	1.1
1061	9/2/2014 13:31:03	19.49	52.08	34.34	6.48	7.89	4.6	2.218	86.5	4.5	1.4	1.1
1062	9/2/2014 13:46:03	19.44	52.07	34.33	6.60	7.90	4.3	2.272	88.0	4.6	1.4	1.1
1063	9/2/2014 14:01:03	19.38	52.04	34.31	6.66	7.90	4.5	2.314	88.6	5.4	1.7	1.3
1064	9/2/2014 14:16:03	19.31	52.01	34.29	6.78	7.91	4.3	2.377	90.1	4.7	1.5	1.1
1065	9/2/2014 14:31:03	19.21	52.03	34.31	6.82	7.91	5.6	2.440	90.5	5.2	1.6	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
1066	9/2/2014 14:46:03	19.04	51.98	34.27	6.98	7.92	5.1	2.489	92.3	4.1	1.3	1.0
1067	9/2/2014 15:01:04	18.72	51.99	34.27	7.32	7.95	3.7	2.547	96.2	4.9	1.5	1.2
1068	9/2/2014 15:16:03	18.47	51.83	34.16	7.43	7.96	3.2	2.612	97.2	5.0	1.6	1.2
1069	9/2/2014 15:31:04	18.27	51.84	34.16	7.64	7.97	3.2	2.678	99.5	5.2	1.6	1.2
1070	9/2/2014 15:46:03	18.14	51.79	34.13	7.78	7.99	3.1	2.743	101.1	5.2	1.6	1.2
1071	9/2/2014 16:01:03	17.96	51.77	34.11	7.85	8.00	2.6	2.800	101.6	6.2	1.9	1.5
1072	9/2/2014 16:16:03	17.77	51.73	34.08	7.96	8.00	2.8	2.866	102.7	5.8	1.8	1.4
1073	9/2/2014 16:31:04	17.60	51.71	34.06	8.09	8.01	2.6	2.928	104.0	6.3	2.0	1.5
1074	9/2/2014 16:46:04	17.48	51.63	34.00	8.16	8.02	2.5	2.977	104.6	7.3	2.3	1.7
1075	9/2/2014 17:01:04	17.32	51.68	34.03	8.22	8.03	2.5	3.031	105.1	6.8	2.1	1.6
1076	9/2/2014 17:16:04	17.06	51.63	34.00	8.47	8.05	2.4	3.074	107.7	7.4	2.3	1.8
1077	9/2/2014 17:31:04	16.85	51.62	33.98	8.58	8.05	2.8	3.110	108.6	7.9	2.4	1.9
1078	9/2/2014 17:46:04	16.80	51.58	33.96	8.49	8.05	1.9	3.129	107.5	7.5	2.3	1.8
1079	9/2/2014 18:01:04	16.78	51.57	33.95	8.00	8.03	1.8	3.149	101.2	2.8	0.9	0.7
1080	9/2/2014 18:16:04	16.89	51.56	33.94	8.36	8.05	2.2	3.159	105.9	5.9	1.8	1.4
1081	9/2/2014 18:31:04	16.84	51.56	33.94	7.98	8.03	1.8	3.143	101.0	6.0	1.9	1.4
1082	9/2/2014 18:46:04	16.82	51.58	33.96	7.65	8.00	2.2	3.116	96.8	4.4	1.4	1.0
1083	9/2/2014 19:01:04	16.88	51.56	33.94	7.73	8.01	2.0	3.077	98.0	4.3	1.3	1.0
1084	9/2/2014 19:16:04	17.63	51.50	33.91	7.95	8.02	2.9	3.022	102.2	6.8	2.1	1.6
1085	9/2/2014 19:31:04	17.57	51.67	34.03	8.21	8.05	4.5	2.959	105.4	8.8	2.7	2.1
1086	9/2/2014 19:46:04	17.38	51.68	34.03	7.98	8.05	8.9	2.888	102.1	9.1	2.8	2.2
1087	9/2/2014 20:01:04	17.43	51.64	34.01	7.98	8.04	7.3	2.810	102.2	8.9	2.8	2.1
1088	9/2/2014 20:16:04	17.59	51.65	34.02	8.01	8.04	5.6	2.733	102.9	9.2	2.9	2.2
1089	9/2/2014 20:31:04	17.95	51.66	34.03	7.98	8.03	7.2	2.646	103.2	7.9	2.4	1.9
1090	9/2/2014 20:46:04	18.64	51.73	34.08	7.68	8.00	6.0	2.573	100.7	7.6	2.4	1.8
1091	9/2/2014 21:01:04	19.04	51.87	34.19	7.44	7.99	5.7	2.486	98.3	6.8	2.1	1.6
1092	9/2/2014 21:16:03	19.36	51.89	34.20	7.32	7.98	5.3	2.399	97.4	6.5	2.0	1.5
1093	9/2/2014 21:31:03	19.53	51.98	34.27	7.37	7.97	5.1	2.313	98.4	5.3	1.6	1.2
1094	9/2/2014 21:46:03	19.55	51.96	34.25	7.22	7.96	5.4	2.227	96.3	6.3	2.0	1.5
1095	9/2/2014 22:01:03	19.53	51.96	34.25	7.29	7.96	5.8	2.141	97.3	6.4	2.0	1.5
1096	9/2/2014 22:16:03	19.20	51.97	34.26	7.32	7.96	6.5	2.046	97.1	6.5	2.0	1.6
1097	9/2/2014 22:31:03	19.13	51.90	34.21	7.13	7.97	7.2	1.954	94.4	6.7	2.1	1.6
1098	9/2/2014 22:46:03	19.12	51.85	34.17	7.23	7.96	6.5	1.859	95.6	6.5	2.0	1.6
1099	9/2/2014 23:01:03	18.95	51.91	34.22	7.01	7.95	5.9	1.765	92.5	6.9	2.1	1.6
1100	9/2/2014 23:16:04	18.94	51.95	34.24	6.91	7.94	6.1	1.680	91.2	5.8	1.8	1.4
1101	9/2/2014 23:31:04	19.02	51.96	34.25	6.84	7.93	5.6	1.578	90.4	6.2	1.9	1.5
1102	9/2/2014 23:46:04	19.16	52.00	34.28	6.70	7.91	5.4	1.504	88.8	7.2	2.2	1.7
1103	9/3/2014 0:01:04	19.26	52.02	34.30	6.34	7.90	4.5	1.447	84.1	5.7	1.8	1.4
1104	9/3/2014 0:16:04	19.36	52.03	34.30	6.14	7.90	5.1	1.378	81.7	5.7	1.8	1.4
1105	9/3/2014 0:31:03	19.52	51.90	34.21	6.14	7.87	4.2	1.342	81.8	5.6	1.7	1.3
1106	9/3/2014 0:46:04	19.48	51.84	34.16	4.91	7.80	4.1	1.294	65.5	4.5	1.4	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
1107	9/3/2014 1:01:04	19.70	51.99	34.27	5.89	7.85	3.0	1.292	78.9	5.3	1.6	1.3
1108	9/3/2014 1:16:04	19.79	52.04	34.31	5.63	7.84	4.0	1.296	75.6	5.6	1.7	1.3
1109	9/3/2014 1:31:03	19.93	52.10	34.35	6.47	7.90	5.0	1.301	87.1	6.5	2.0	1.5
1110	9/3/2014 1:46:03	20.00	52.25	34.47	6.91	7.92	4.0	1.327	93.1	6.3	2.0	1.5
1111	9/3/2014 2:01:03	19.97	52.28	34.48	6.96	7.93	3.9	1.362	93.8	5.6	1.7	1.3
1112	9/3/2014 2:16:03	19.96	52.24	34.46	7.01	7.93	4.2	1.421	94.5	5.6	1.7	1.3
1113	9/3/2014 2:31:03	19.96	52.27	34.48	7.02	7.94	4.1	1.469	94.6	5.5	1.7	1.3
1114	9/3/2014 2:46:03	19.93	52.27	34.48	7.01	7.93	4.3	1.525	94.4	6.1	1.9	1.4
1115	9/3/2014 3:01:03	19.89	52.24	34.46	7.02	7.93	4.0	1.584	94.4	5.8	1.8	1.4
1116	9/3/2014 3:16:03	19.83	52.22	34.44	6.87	7.93	6.7	1.655	92.3	5.8	1.8	1.4
1117	9/3/2014 3:31:04	19.92	52.23	34.45	6.89	7.92	4.8	1.713	92.8	5.6	1.7	1.3
1118	9/3/2014 3:46:03	19.83	52.25	34.46	6.92	7.93	4.2	1.768	93.0	6.0	1.9	1.4
1119	9/3/2014 4:01:03	19.75	52.20	34.43	6.98	7.93	4.3	1.834	93.7	5.9	1.8	1.4
1120	9/3/2014 4:16:03	19.70	52.19	34.42	7.02	7.93	4.6	1.903	94.0	6.0	1.9	1.4
1121	9/3/2014 4:31:03	19.73	52.20	34.43	6.97	7.93	5.1	1.962	93.4	6.2	1.9	1.5
1122	9/3/2014 4:46:03	19.72	52.18	34.42	6.94	7.93	4.3	2.025	93.1	5.7	1.8	1.4
1123	9/3/2014 5:01:03	19.64	52.16	34.40	6.91	7.92	4.2	2.082	92.5	5.6	1.7	1.3
1124	9/3/2014 5:16:03	19.48	52.10	34.36	6.89	7.92	3.9	2.141	91.9	5.9	1.8	1.4
1125	9/3/2014 5:31:03	19.33	52.07	34.33	6.91	7.92	3.9	2.212	91.9	5.4	1.7	1.3
1126	9/3/2014 5:46:03	19.08	52.02	34.30	7.00	7.92	3.8	2.268	92.6	5.5	1.7	1.3
1127	9/3/2014 6:01:03	18.94	51.97	34.26	7.03	7.93	3.6	2.316	92.8	5.9	1.8	1.4
1128	9/3/2014 6:16:04	18.87	51.94	34.24	7.03	7.93	3.7	2.374	92.6	5.4	1.7	1.3
1129	9/3/2014 6:31:04	18.67	51.93	34.23	7.10	7.94	3.7	2.423	93.2	5.7	1.8	1.4
1130	9/3/2014 6:46:04	18.59	51.85	34.17	7.16	7.95	3.1	2.463	93.8	5.7	1.8	1.4
1131	9/3/2014 7:01:03	18.55	51.87	34.18	7.12	7.94	3.0	2.502	93.3	5.4	1.7	1.3
1132	9/3/2014 7:16:04	18.48	51.88	34.19	7.15	7.94	3.0	2.541	93.5	6.1	1.9	1.4
1133	9/3/2014 7:31:04	18.45	51.82	34.14	7.05	7.94	2.6	2.566	92.2	5.5	1.7	1.3
1134	9/3/2014 7:46:04	18.61	51.77	34.11	6.62	7.91	3.2	2.580	86.8	6.3	2.0	1.5
1135	9/3/2014 8:01:03	18.89	51.96	34.25	6.17	7.88	3.3	2.586	81.3	5.7	1.8	1.4
1136	9/3/2014 8:16:03	18.85	52.03	34.30	6.10	7.87	4.2	2.584	80.4	5.5	1.7	1.3
1137	9/3/2014 8:31:04	18.86	52.02	34.30	5.70	7.86	3.5	2.582	75.1	4.2	1.3	1.0
1138	9/3/2014 8:46:04	18.79	52.02	34.30	5.72	7.86	4.4	2.550	75.3	4.6	1.4	1.1
1139	9/3/2014 9:01:04	18.79	52.09	34.35	5.90	7.86	7.0	2.515	77.7	4.4	1.4	1.1
1140	9/3/2014 9:16:04	18.70	52.16	34.40	5.36	7.84	5.7	2.484	70.5	4.5	1.4	1.1
1141	9/3/2014 9:31:04	18.69	52.12	34.37	5.68	7.84	6.9	2.430	74.6	4.0	1.2	1.0
1142	9/3/2014 9:46:04	18.79	52.09	34.35	5.97	7.85	5.1	2.388	78.6	4.3	1.3	1.0
1143	9/3/2014 10:01:04	18.83	52.07	34.33	6.22	7.87	5.6	2.334	81.9	4.6	1.4	1.1
1144	9/3/2014 10:16:04	18.94	52.01	34.29	6.52	7.89	4.1	2.282	86.0	5.1	1.6	1.2
1145	9/3/2014 10:31:03	19.01	52.01	34.29	6.25	7.88	4.5	2.239	82.6	3.8	1.2	0.9
1146	9/3/2014 10:46:03	19.08	52.00	34.28	6.29	7.88	4.4	2.199	83.3	3.9	1.2	0.9
1147	9/3/2014 11:01:03	19.15	52.05	34.31	6.25	7.88	3.7	2.158	82.9	4.2	1.3	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
1148	9/3/2014 11:16:03	19.23	52.01	34.29	6.13	7.86	3.3	2.122	81.4	3.8	1.2	0.9
1149	9/3/2014 11:31:04	19.31	52.07	34.33	6.03	7.86	3.7	2.090	80.1	3.4	1.1	0.8
1150	9/3/2014 11:46:04	19.33	52.07	34.33	5.67	7.84	3.4	2.050	75.5	2.9	0.9	0.7
1151	9/3/2014 12:01:03	19.35	52.03	34.30	5.53	7.83	3.1	2.034	73.6	2.6	0.8	0.6
1152	9/3/2014 12:16:03	19.42	52.06	34.33	5.28	7.82	2.7	2.031	70.3	2.8	0.9	0.7
1153	9/3/2014 12:31:03	19.43	52.07	34.33	4.68	7.80	2.4	2.010	62.4	1.9	0.6	0.4
1154	9/3/2014 12:46:03	19.49	52.09	34.35	5.76	7.84	3.2	2.010	76.9	3.1	1.0	0.7
1155	9/3/2014 13:01:03	19.48	52.12	34.37	6.30	7.87	3.5	2.016	84.1	3.5	1.1	0.8
1156	9/3/2014 13:16:03	19.42	52.12	34.37	6.16	7.88	3.9	2.017	82.0	3.6	1.1	0.9
1157	9/3/2014 13:31:03	19.39	52.11	34.36	6.60	7.90	4.0	2.051	87.9	3.9	1.2	0.9
1158	9/3/2014 13:46:03	19.39	52.07	34.34	6.70	7.91	5.1	2.068	89.2	4.7	1.5	1.1
1159	9/3/2014 14:01:03	19.36	52.05	34.32	6.86	7.91	4.5	2.109	91.3	5.3	1.6	1.3
1160	9/3/2014 14:16:03	19.27	52.04	34.31	6.90	7.91	4.8	2.143	91.6	4.8	1.5	1.1
1161	9/3/2014 14:31:03	19.23	51.99	34.27	6.96	7.92	4.5	2.192	92.4	4.6	1.4	1.1
1162	9/3/2014 14:46:03	19.19	52.01	34.29	7.06	7.93	4.0	2.247	93.7	5.9	1.8	1.4
1163	9/3/2014 15:01:04	19.14	51.99	34.28	7.12	7.93	4.2	2.301	94.3	5.2	1.6	1.2
1164	9/3/2014 15:16:04	19.11	51.95	34.24	7.08	7.93	4.8	2.362	93.7	4.5	1.4	1.1
1165	9/3/2014 15:31:03	19.08	51.94	34.24	7.12	7.93	4.8	2.416	94.3	4.5	1.4	1.1
1166	9/3/2014 15:46:03	19.02	51.94	34.24	7.22	7.94	4.7	2.475	95.5	4.7	1.5	1.1
1167	9/3/2014 16:01:04	18.90	51.93	34.23	7.28	7.95	5.2	2.539	96.0	5.5	1.7	1.3
1168	9/3/2014 16:16:04	18.58	51.91	34.22	7.43	7.96	4.2	2.614	97.4	5.9	1.8	1.4
1169	9/3/2014 16:31:04	18.30	51.82	34.15	7.53	7.97	4.3	2.673	98.2	5.6	1.7	1.3
1170	9/3/2014 16:46:04	18.16	51.78	34.12	7.64	7.98	3.8	2.735	99.3	6.0	1.9	1.4
1171	9/3/2014 17:01:04	17.97	51.76	34.10	7.77	7.99	3.9	2.813	100.6	6.5	2.0	1.6
1172	9/3/2014 17:16:04	17.72	51.70	34.05	7.80	7.99	3.3	2.878	100.5	5.6	1.7	1.3
1173	9/3/2014 17:31:03	17.50	51.66	34.02	7.94	8.00	3.1	2.941	101.9	5.6	1.7	1.3
1174	9/3/2014 17:46:03	17.22	51.63	34.00	8.10	8.01	3.3	2.997	103.4	6.4	2.0	1.5
1175	9/3/2014 18:01:04	16.93	51.68	34.03	8.00	8.01	2.7	3.057	101.6	5.9	1.8	1.4
1176	9/3/2014 18:16:04	16.76	51.67	34.02	8.04	8.01	2.3	3.105	101.6	6.1	1.9	1.4
1177	9/3/2014 18:31:04	16.56	51.68	34.02	8.15	8.02	2.6	3.134	102.7	6.7	2.1	1.6
1178	9/3/2014 18:46:04	16.50	51.61	33.97	7.90	8.01	2.0	3.169	99.4	5.5	1.7	1.3
1179	9/3/2014 19:01:03	16.40	51.63	33.99	7.62	7.99	1.6	3.192	95.7	4.7	1.5	1.1
1180	9/3/2014 19:16:04	16.42	51.59	33.96	6.84	7.95	2.2	3.201	85.9	3.0	0.9	0.7
1181	9/3/2014 19:31:04	16.42	51.57	33.94	7.07	7.96	1.6	3.188	88.8	4.4	1.4	1.1
1182	9/3/2014 19:46:03	16.40	51.49	33.88	7.43	7.98	1.9	3.180	93.2	4.2	1.3	1.0
1183	9/3/2014 20:01:03	16.65	51.41	33.83	7.54	7.99	3.7	3.147	95.1	6.2	1.9	1.5
1184	9/3/2014 20:16:04	16.48	51.64	33.99	7.49	8.00	4.2	3.085	94.2	7.0	2.2	1.7
1185	9/3/2014 20:31:04	16.22	51.67	34.02	7.61	8.00	4.3	3.037	95.2	7.5	2.3	1.8
1186	9/3/2014 20:46:04	16.41	51.60	33.97	7.61	8.00	6.1	2.965	95.6	7.2	2.2	1.7
1187	9/3/2014 21:01:04	16.61	51.67	34.02	7.51	7.99	7.0	2.886	94.6	7.4	2.3	1.8
1188	9/3/2014 21:16:04	16.93	51.56	33.94	7.54	7.99	8.9	2.819	95.6	7.8	2.4	1.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
1189	9/3/2014 21:31:04	17.24	51.67	34.03	7.45	7.98	7.4	2.731	95.1	7.8	2.4	1.9
1190	9/3/2014 21:46:04	17.67	51.64	34.01	7.33	7.97	8.2	2.651	94.3	7.4	2.3	1.8
1191	9/3/2014 22:01:03	17.93	51.79	34.12	7.12	7.96	8.4	2.564	92.1	6.6	2.0	1.6
1192	9/3/2014 22:16:04	18.29	51.78	34.12	7.01	7.94	8.7	2.474	91.4	6.9	2.1	1.6
1193	9/3/2014 22:31:03	18.27	51.83	34.15	6.87	7.94	10.8	2.385	89.5	6.9	2.1	1.6
1194	9/3/2014 22:46:04	18.16	51.89	34.20	6.90	7.94	8.9	2.284	89.7	7.0	2.2	1.7
1195	9/3/2014 23:01:04	18.47	51.90	34.20	6.76	7.93	8.7	2.194	88.5	6.8	2.1	1.6
1196	9/3/2014 23:16:04	18.51	52.02	34.30	6.63	7.91	11.4	2.111	86.9	6.9	2.1	1.6
1197	9/3/2014 23:31:04	18.44	51.96	34.25	6.61	7.91	11.4	1.992	86.4	7.5	2.3	1.8
1198	9/3/2014 23:46:04	18.20	51.97	34.26	6.64	7.91	10.8	1.906	86.5	6.9	2.1	1.6
1199	9/4/2014 0:01:04	18.09	51.96	34.25	6.69	7.92	10.8	1.796	86.9	7.1	2.2	1.7
1200	9/4/2014 0:16:04	17.93	51.97	34.25	6.63	7.92	9.2	1.704	85.9	6.6	2.0	1.6
1201	9/4/2014 0:31:04	18.15	51.90	34.21	6.59	7.91	9.8	1.597	85.6	6.1	1.9	1.5
1202	9/4/2014 0:46:04	18.21	51.91	34.21	6.48	7.91	9.0	1.498	84.4	6.6	2.0	1.6
1203	9/4/2014 1:01:04	18.32	52.04	34.31	6.36	7.90	8.1	1.425	82.9	6.4	2.0	1.5
1204	9/4/2014 1:16:04	18.45	51.98	34.26	5.89	7.87	7.9	1.334	77.0	5.0	1.6	1.2
1205	9/4/2014 1:31:04	18.62	51.96	34.25	5.84	7.86	7.8	1.265	76.6	4.9	1.5	1.2
1206	9/4/2014 1:46:04	18.68	51.99	34.27	5.62	7.86	6.2	1.221	73.8	5.1	1.6	1.2
1207	9/4/2014 2:01:04	18.77	51.87	34.18	5.30	7.85	7.0	1.191	69.7	5.1	1.6	1.2
1208	9/4/2014 2:16:04	18.77	52.01	34.29	5.12	7.82	4.0	1.178	67.4	3.9	1.2	0.9
1209	9/4/2014 2:31:04	18.89	52.05	34.31	5.75	7.88	7.2	1.173	75.8	6.1	1.9	1.4
1210	9/4/2014 2:46:03	19.04	52.14	34.39	6.14	7.90	8.4	1.200	81.3	5.9	1.8	1.4
1211	9/4/2014 3:01:03	19.07	52.23	34.45	6.28	7.90	9.1	1.247	83.2	6.1	1.9	1.4
1212	9/4/2014 3:16:03	19.04	52.21	34.44	6.36	7.90	9.2	1.303	84.2	5.8	1.8	1.4
1213	9/4/2014 3:31:03	19.05	52.20	34.43	6.35	7.90	8.9	1.356	84.0	6.1	1.9	1.5
1214	9/4/2014 3:46:04	19.02	52.23	34.45	6.30	7.90	9.2	1.428	83.4	6.2	1.9	1.5
1215	9/4/2014 4:01:04	18.99	52.21	34.44	6.25	7.90	8.7	1.490	82.6	6.3	2.0	1.5
1216	9/4/2014 4:16:04	18.92	52.21	34.43	6.27	7.90	9.0	1.562	82.8	6.1	1.9	1.5
1217	9/4/2014 4:31:04	18.97	52.25	34.47	6.23	7.90	9.5	1.630	82.3	5.9	1.8	1.4
1218	9/4/2014 4:46:04	18.97	52.28	34.49	6.20	7.89	9.0	1.704	82.0	6.3	2.0	1.5
1219	9/4/2014 5:01:04	18.80	52.25	34.46	6.21	7.89	8.6	1.777	81.8	5.7	1.8	1.3
1220	9/4/2014 5:16:04	18.70	52.19	34.42	6.24	7.89	7.7	1.846	82.0	5.7	1.8	1.3
1221	9/4/2014 5:31:04	18.69	52.14	34.38	6.28	7.89	7.2	1.916	82.5	6.1	1.9	1.4
1222	9/4/2014 5:46:04	18.77	52.15	34.39	6.29	7.90	7.6	1.983	82.9	6.1	1.9	1.5
1223	9/4/2014 6:01:04	18.73	52.17	34.41	6.32	7.90	7.8	2.052	83.2	5.6	1.7	1.3
1224	9/4/2014 6:16:04	18.58	52.12	34.37	6.38	7.90	7.2	2.123	83.7	6.1	1.9	1.4
1225	9/4/2014 6:31:04	18.49	52.07	34.33	6.47	7.91	7.0	2.193	84.7	6.0	1.9	1.4
1226	9/4/2014 6:46:03	18.36	52.00	34.28	6.52	7.91	7.0	2.264	85.1	5.7	1.8	1.4
1227	9/4/2014 7:01:04	18.17	52.02	34.30	6.55	7.91	5.9	2.325	85.3	6.1	1.9	1.4
1228	9/4/2014 7:16:04	17.98	51.90	34.20	6.66	7.92	6.3	2.397	86.4	5.6	1.7	1.3
1229	9/4/2014 7:31:04	17.91	51.90	34.20	6.70	7.92	5.7	2.452	86.7	5.6	1.7	1.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.31)	Fluorescence %FS
1230	9/4/2014 7:46:04	17.67	51.86	34.17	6.82	7.93	5.4	2.505	87.8	5.7	1.8	1.3
1231	9/4/2014 8:01:03	17.54	51.76	34.10	6.87	7.94	5.5	2.567	88.2	5.7	1.8	1.4
1232	9/4/2014 8:16:04	17.30	51.76	34.09	6.99	7.94	5.0	2.613	89.4	6.0	1.9	1.4
1233	9/4/2014 8:31:04	17.11	51.78	34.10	7.00	7.94	4.2	2.656	89.2	5.6	1.7	1.3
1234	9/4/2014 8:46:04	17.12	51.71	34.06	6.91	7.94	3.6	2.689	88.0	5.0	1.6	1.2
1235	9/4/2014 9:01:04	17.04	51.77	34.10	6.78	7.93	3.3	2.730	86.3	4.9	1.5	1.2
1236	9/4/2014 9:16:04	17.66	51.65	34.01	6.26	7.89	8.5	2.743	80.6	6.1	1.9	1.4
	Mean	18.23	51.93	34.22	7.13	7.93	4.73	2.30	92.68	4.53	1.40	1.07
	Minimum	14.29	51.28	33.71	4.33	7.76	1.40	1.13	58.00	1.80	0.56	0.40
	Maximum	21.03	52.37	34.55	8.93	8.07	11.60	3.32	117.20	14.80	4.59	3.50

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

Chlorophyll/Fluorescence displayed as *in vivo* (non-extractive) readings from YSI 6025 chlorophyll probe

Chlorophyll corrected with ratio derived from extractive analysis; Sample collected at 12:15; value = 1.22

Flagged data due to suspect values (i.e., equipment malfunction, interference, etc.)

Data listed as outlier and discarded due to field issues (i.e., equipment malfunction, interference, etc.)

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
0	9/4/2014 9:46:10	17.85	51.71	34.06	6.72	7.90	6.5	2.875	86.8	5.5	1.7	1.3
1	9/4/2014 10:01:11	17.71	51.90	34.20	6.70	7.91	6.7	2.851	86.4	5.3	1.6	1.3
2	9/4/2014 10:16:11	17.89	52.01	34.28	6.72	7.91	6.6	2.805	87.0	4.9	1.5	1.1
3	9/4/2014 10:31:11	17.87	51.94	34.23	7.04	7.94	6.4	2.755	91.1	4.6	1.4	1.1
4	9/4/2014 10:46:11	18.05	51.80	34.13	7.25	7.95	5.1	2.713	94.1	4.6	1.4	1.1
5	9/4/2014 11:01:10	18.16	51.69	34.05	7.26	7.96	5.6	2.660	94.3	4.8	1.4	1.1
6	9/4/2014 11:16:11	18.30	51.75	34.09	7.33	7.97	5.2	2.582	95.5	5.1	1.5	1.2
7	9/4/2014 11:31:10	18.41	51.78	34.12	7.41	7.97	4.8	2.541	96.7	4.8	1.4	1.1
8	9/4/2014 11:46:11	18.50	51.77	34.11	7.35	7.97	4.4	2.490	96.1	6.0	1.8	1.4
9	9/4/2014 12:01:11	18.56	51.97	34.25	7.24	7.97	4.6	2.423	94.8	4.8	1.4	1.1
10	9/4/2014 12:16:11	18.65	51.81	34.14	7.16	7.96	4.5	2.387	93.9	5.6	1.7	1.3
11	9/4/2014 12:31:10	18.75	51.74	34.09	7.15	7.96	4.4	2.336	94.0	4.3	1.3	1.0
12	9/4/2014 12:46:11	18.80	51.97	34.26	7.05	7.95	4.2	2.300	92.8	4.6	1.4	1.1
13	9/4/2014 13:01:11	18.85	52.02	34.30	7.00	7.95	4.5	2.268	92.2	4.6	1.4	1.1
14	9/4/2014 13:16:11	18.93	52.01	34.29	6.96	7.94	4.2	2.230	91.9	4.6	1.4	1.1
15	9/4/2014 13:31:10	18.99	51.65	34.02	6.98	7.94	4.2	2.209	92.1	4.0	1.2	0.9
16	9/4/2014 13:46:11	18.97	52.17	34.41	6.77	7.93	5.2	2.191	89.5	5.0	1.5	1.2
17	9/4/2014 14:01:10	19.13	52.01	34.29	7.42	7.98	4.5	2.210	98.4	5.9	1.8	1.4
18	9/4/2014 14:16:10	18.98	52.10	34.35	7.39	7.98	5.0	2.194	97.6	5.3	1.6	1.2
19	9/4/2014 14:31:11	18.98	52.17	34.41	7.42	7.98	4.8	2.203	98.1	5.2	1.6	1.2
20	9/4/2014 14:46:10	18.93	51.88	34.19	7.66	8.00	6.1	2.245	101.0	5.7	1.7	1.3
21	9/4/2014 15:01:11	19.01	52.00	34.28	7.82	8.01	6.1	2.262	103.4	7.5	2.3	1.8
22	9/4/2014 15:16:10	19.04	52.08	34.34	7.90	8.01	5.7	2.299	104.5	7.8	2.3	1.8
23	9/4/2014 15:31:10	18.96	51.85	34.17	7.95	8.02	6.2	2.348	104.9	7.7	2.3	1.8
24	9/4/2014 15:46:11	18.74	51.91	34.21	7.92	8.01	6.1	2.408	104.1	7.0	2.1	1.6
25	9/4/2014 16:01:11	18.63	52.11	34.36	7.92	8.01	5.6	2.459	103.9	6.8	2.0	1.6
26	9/4/2014 16:16:11	18.56	51.86	34.17	7.93	8.02	5.4	2.520	103.9	6.4	1.9	1.5
27	9/4/2014 16:31:11	18.49	51.77	34.11	7.98	8.02	5.5	2.589	104.4	6.3	1.9	1.5
28	9/4/2014 16:46:11	18.36	52.02	34.29	7.96	8.02	5.3	2.656	103.9	6.3	1.9	1.5
29	9/4/2014 17:01:11	18.21	51.99	34.27	8.06	8.03	5.2	2.726	104.9	6.6	2.0	1.6
30	9/4/2014 17:16:10	17.73	51.77	34.11	8.22	8.03	4.6	2.791	105.9	6.4	1.9	1.5
31	9/4/2014 17:31:10	17.47	51.37	33.81	8.28	8.03	4.2	2.887	106.0	7.2	2.2	1.7
32	9/4/2014 17:46:11	17.31	51.74	34.08	8.39	8.04	4.5	2.961	107.2	7.8	2.3	1.8
33	9/4/2014 18:01:11	16.85	51.81	34.13	8.44	8.04	4.8	3.034	106.9	6.6	2.0	1.6
34	9/4/2014 18:16:11	16.39	51.82	34.12	8.43	8.04	4.6	3.105	105.9	6.0	1.8	1.4
35	9/4/2014 18:31:11	15.88	51.77	34.08	8.39	8.03	5.0	3.179	104.3	5.8	1.7	1.4
36	9/4/2014 18:46:11	15.72	51.64	33.98	8.42	8.03	4.4	3.245	104.3	5.9	1.8	1.4
37	9/4/2014 19:01:11	15.50	51.69	34.01	8.66	8.03	3.6	3.312	106.8	6.4	1.9	1.5
38	9/4/2014 19:16:11	15.35	51.45	33.83	8.64	8.02	2.5	3.368	106.2	5.7	1.7	1.3
39	9/4/2014 19:31:11	15.13	51.55	33.90	8.64	8.02	2.8	3.424	105.7	5.8	1.7	1.4
40	9/4/2014 19:46:11	14.81	51.67	33.98	8.66	8.01	2.8	3.466	105.4	6.4	1.9	1.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
41	9/4/2014 20:01:11	14.77	51.65	33.97	8.61	8.01	2.1	3.497	104.7	5.9	1.8	1.4
42	9/4/2014 20:16:10	14.67	51.46	33.83	8.54	8.00	2.6	3.517	103.5	6.3	1.9	1.5
43	9/4/2014 20:31:10	15.06	51.36	33.76	8.23	7.99	3.1	3.527	100.5	5.5	1.7	1.3
44	9/4/2014 20:46:11	14.81	51.55	33.90	8.28	7.99	2.3	3.514	100.6	3.0	0.9	0.7
45	9/4/2014 21:01:11	14.66	51.56	33.90	8.37	7.99	3.1	3.486	101.5	4.6	1.4	1.1
46	9/4/2014 21:16:11	15.01	51.51	33.87	8.21	7.99	2.1	3.447	100.2	4.2	1.3	1.0
47	9/4/2014 21:31:11	15.60	51.80	34.10	8.12	8.01	5.0	3.388	100.4	6.5	2.0	1.5
48	9/4/2014 21:46:11	15.87	51.67	34.01	8.19	8.01	5.3	3.312	101.8	6.0	1.8	1.4
49	9/4/2014 22:01:11	15.88	51.54	33.91	8.21	8.01	6.6	3.235	102.0	6.4	1.9	1.5
50	9/4/2014 22:16:11	16.51	51.85	34.15	8.37	8.02	4.7	3.143	105.4	6.1	1.8	1.4
51	9/4/2014 22:31:11	16.84	51.81	34.13	8.33	8.03	5.0	3.048	105.6	5.6	1.7	1.3
52	9/4/2014 22:46:10	16.80	51.87	34.17	8.44	8.03	4.4	2.956	107.0	5.8	1.7	1.4
53	9/4/2014 23:01:11	16.91	51.98	34.25	8.46	8.03	5.0	2.855	107.5	6.2	1.9	1.5
54	9/4/2014 23:16:11	17.20	51.80	34.12	8.30	8.02	5.4	2.758	105.9	6.2	1.9	1.4
55	9/4/2014 23:31:11	17.57	52.19	34.41	8.25	8.02	6.5	2.649	106.3	5.6	1.7	1.3
56	9/4/2014 23:46:11	17.97	52.25	34.46	7.99	8.01	6.0	2.554	103.7	5.6	1.7	1.3
57	9/5/2014 0:01:11	18.54	52.45	34.61	7.84	8.01	5.6	2.449	102.9	5.0	1.5	1.2
58	9/5/2014 0:16:11	18.43	52.31	34.51	7.78	8.01	7.4	2.335	101.8	5.2	1.6	1.2
59	9/5/2014 0:31:11	18.34	52.18	34.41	7.88	8.02	7.6	2.221	102.9	6.0	1.8	1.4
60	9/5/2014 0:46:11	17.97	52.47	34.63	7.79	8.01	8.3	2.111	101.1	6.2	1.9	1.5
61	9/5/2014 1:01:11	17.40	52.15	34.38	7.76	8.00	9.0	1.995	99.6	6.0	1.8	1.4
62	9/5/2014 1:16:11	17.76	52.26	34.47	7.71	8.01	8.3	1.884	99.7	6.3	1.9	1.5
63	9/5/2014 1:31:11	17.71	52.47	34.62	7.61	8.00	6.8	1.770	98.3	6.8	2.0	1.6
64	9/5/2014 1:46:11	17.79	52.21	34.43	7.53	8.00	6.2	1.667	97.4	6.6	2.0	1.5
65	9/5/2014 2:01:11	17.96	52.33	34.52	7.48	7.99	5.9	1.578	97.0	6.5	2.0	1.5
66	9/5/2014 2:16:11	18.02	52.32	34.52	7.30	7.98	5.8	1.480	94.8	5.8	1.7	1.4
67	9/5/2014 2:31:11	18.17	52.51	34.65	7.26	7.98	5.8	1.401	94.7	6.2	1.9	1.5
68	9/5/2014 2:46:11	18.51	52.68	34.78	7.24	7.99	5.0	1.357	95.1	6.4	1.9	1.5
69	9/5/2014 3:01:11	18.52	52.62	34.74	7.02	7.97	3.7	1.318	92.2	7.2	2.2	1.7
70	9/5/2014 3:16:11	18.68	52.71	34.80	6.58	7.95	3.4	1.291	86.7	7.2	2.2	1.7
71	9/5/2014 3:31:11	18.90	52.49	34.65	7.27	8.00	4.2	1.313	96.2	7.1	2.1	1.7
72	9/5/2014 3:46:11	18.80	52.74	34.83	7.39	8.00	4.2	1.335	97.6	6.9	2.1	1.6
73	9/5/2014 4:01:11	18.91	52.78	34.86	7.45	8.01	4.6	1.382	98.6	6.9	2.1	1.6
74	9/5/2014 4:16:11	18.97	52.93	34.97	7.58	8.03	4.7	1.455	100.6	6.7	2.0	1.6
75	9/5/2014 4:31:11	18.99	52.83	34.89	7.62	8.03	4.8	1.520	101.1	6.7	2.0	1.6
76	9/5/2014 4:46:11	18.98	52.80	34.87	7.62	8.03	4.9	1.606	101.0	6.8	2.0	1.6
77	9/5/2014 5:01:11	18.91	52.69	34.79	7.61	8.03	4.8	1.695	100.7	6.7	2.0	1.6
78	9/5/2014 5:16:11	18.72	52.73	34.82	7.52	8.01	4.8	1.770	99.1	6.4	1.9	1.5
79	9/5/2014 5:31:11	18.48	52.75	34.83	7.48	8.01	4.1	1.847	98.2	7.0	2.1	1.6
80	9/5/2014 5:46:11	18.48	52.50	34.65	7.46	8.00	4.7	1.938	97.8	6.5	2.0	1.5
81	9/5/2014 6:01:11	18.53	52.65	34.76	7.42	8.00	4.7	2.010	97.5	6.5	2.0	1.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
82	9/5/2014 6:16:11	18.56	52.76	34.84	7.42	8.00	4.9	2.088	97.5	6.9	2.1	1.6
83	9/5/2014 6:31:11	18.58	52.53	34.67	7.40	8.00	4.7	2.170	97.2	6.2	1.9	1.5
84	9/5/2014 6:46:11	18.52	52.67	34.78	7.33	7.99	4.9	2.258	96.3	6.2	1.9	1.5
85	9/5/2014 7:01:11	18.43	52.67	34.78	7.26	7.98	5.3	2.334	95.2	5.8	1.7	1.4
86	9/5/2014 7:16:11	18.22	52.63	34.75	7.23	7.97	5.1	2.415	94.4	6.0	1.8	1.4
87	9/5/2014 7:31:11	17.97	52.61	34.73	7.21	7.97	5.3	2.494	93.7	5.0	1.5	1.2
88	9/5/2014 7:46:11	17.80	52.50	34.65	7.24	7.97	5.2	2.574	93.8	5.4	1.6	1.3
89	9/5/2014 8:01:11	17.70	52.25	34.46	7.26	7.97	5.9	2.652	93.8	5.4	1.6	1.3
90	9/5/2014 8:16:11	17.53	52.51	34.65	7.30	7.97	5.3	2.721	94.1	5.5	1.7	1.3
91	9/5/2014 8:31:11	17.29	52.28	34.48	7.37	7.97	5.8	2.802	94.4	5.5	1.7	1.3
92	9/5/2014 8:46:11	16.93	52.16	34.39	7.44	7.97	5.9	2.869	94.7	5.3	1.6	1.2
93	9/5/2014 9:01:11	16.48	52.24	34.43	7.53	7.97	5.4	2.932	94.9	5.3	1.6	1.3
94	9/5/2014 9:16:11	16.03	52.19	34.39	7.60	7.97	5.1	3.001	95.0	5.9	1.8	1.4
95	9/5/2014 9:31:11	15.78	52.17	34.37	7.62	7.97	4.0	3.054	94.7	4.8	1.4	1.1
96	9/5/2014 9:46:11	15.65	52.16	34.36	7.59	7.97	4.4	3.096	94.2	4.8	1.4	1.1
97	9/5/2014 10:01:11	16.72	52.05	34.30	6.96	7.94	4.8	3.128	88.0	5.7	1.7	1.3
98	9/5/2014 10:16:11	17.37	52.58	34.70	6.52	7.93	4.0	3.140	83.7	5.2	1.6	1.2
99	9/5/2014 10:31:11	16.29	52.30	34.48	6.93	7.94	3.7	3.140	87.1	3.8	1.1	0.9
100	9/5/2014 10:46:11	16.32	52.39	34.54	7.03	7.94	4.2	3.108	88.4	3.7	1.1	0.9
101	9/5/2014 11:01:11	15.95	52.23	34.42	7.19	7.95	3.7	3.066	89.7	3.9	1.2	0.9
102	9/5/2014 11:16:11	16.28	52.26	34.44	7.24	7.95	4.5	3.015	90.9	3.4	1.0	0.8
103	9/5/2014 11:31:11	16.57	52.42	34.57	7.42	7.97	4.8	2.947	93.8	4.7	1.4	1.1
104	9/5/2014 11:46:11	16.58	52.35	34.52	7.55	7.98	4.7	2.872	95.4	4.4	1.3	1.0
105	9/5/2014 12:01:11	16.71	52.25	34.45	7.48	7.98	4.3	2.802	94.7	4.4	1.3	1.0
106	9/5/2014 12:16:11	16.93	52.49	34.63	7.46	7.98	4.3	2.725	95.0	4.7	1.4	1.1
107	9/5/2014 12:31:11	17.45	52.41	34.57	7.25	7.98	5.0	2.660	93.2	4.7	1.4	1.1
108	9/5/2014 12:46:11	17.75	52.69	34.78	7.18	7.97	5.4	2.584	93.0	4.8	1.4	1.1
109	9/5/2014 13:01:11	17.94	52.72	34.81	7.19	7.98	4.3	2.517	93.4	4.7	1.4	1.1
110	9/5/2014 13:16:11	18.14	52.64	34.75	7.17	7.97	4.2	2.466	93.5	5.5	1.7	1.3
111	9/5/2014 13:31:11	18.27	52.77	34.85	7.17	7.98	4.5	2.404	93.9	5.2	1.6	1.2
112	9/5/2014 13:46:11	18.36	52.56	34.69	7.28	7.98	4.3	2.345	95.4	5.4	1.6	1.3
113	9/5/2014 14:01:11	18.41	52.81	34.88	7.23	7.98	4.3	2.298	94.8	3.8	1.1	0.9
114	9/5/2014 14:16:11	18.42	52.59	34.72	7.21	7.97	3.8	2.245	94.5	4.8	1.4	1.1
115	9/5/2014 14:31:11	18.43	52.70	34.79	7.16	7.98	2.9	2.202	93.9	3.9	1.2	0.9
116	9/5/2014 14:46:11	18.46	52.89	34.94	6.73	7.96	2.9	2.181	88.4	3.5	1.1	0.8
117	9/5/2014 15:01:11	18.50	52.82	34.89	7.02	7.97	2.4	2.156	92.2	3.7	1.1	0.9
118	9/5/2014 15:16:11	18.53	52.89	34.94	6.43	7.95	2.7	2.150	84.6	3.4	1.0	0.8
119	9/5/2014 15:31:11	18.50	52.81	34.88	7.58	8.01	3.2	2.150	99.6	4.9	1.5	1.1
120	9/5/2014 15:46:11	18.51	52.90	34.94	7.69	8.01	3.7	2.167	101.1	5.9	1.8	1.4
121	9/5/2014 16:01:11	18.45	52.64	34.75	7.73	8.01	4.0	2.197	101.4	6.0	1.8	1.4
122	9/5/2014 16:16:11	18.55	52.73	34.82	7.77	8.02	4.3	2.241	102.2	6.3	1.9	1.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
123	9/5/2014 16:31:11	18.58	52.81	34.88	7.86	8.02	4.5	2.296	103.4	7.4	2.2	1.7
124	9/5/2014 16:46:11	18.53	52.82	34.88	7.80	8.02	4.2	2.351	102.6	7.0	2.1	1.6
125	9/5/2014 17:01:11	18.42	52.86	34.91	7.80	8.02	4.5	2.425	102.3	6.9	2.1	1.6
126	9/5/2014 17:16:11	18.33	52.53	34.67	7.68	8.01	4.8	2.497	100.4	5.5	1.7	1.3
127	9/5/2014 17:31:11	18.11	52.51	34.65	7.84	8.01	4.9	2.568	102.1	6.1	1.8	1.4
128	9/5/2014 17:46:11	17.99	52.56	34.69	7.86	8.01	5.1	2.648	102.2	5.9	1.8	1.4
129	9/5/2014 18:01:11	17.39	52.25	34.45	7.75	8.00	5.3	2.718	99.4	5.0	1.5	1.2
130	9/5/2014 18:16:11	17.05	52.58	34.70	7.68	7.99	5.3	2.801	98.1	4.7	1.4	1.1
131	9/5/2014 18:31:11	16.91	52.43	34.58	7.68	7.99	4.8	2.875	97.8	5.1	1.5	1.2
132	9/5/2014 18:46:11	16.77	52.60	34.70	7.72	8.00	4.7	2.958	98.1	5.7	1.7	1.3
133	9/5/2014 19:01:11	16.54	52.50	34.63	7.82	8.00	4.6	3.051	98.8	6.0	1.8	1.4
134	9/5/2014 19:16:11	16.03	52.27	34.45	7.83	7.99	5.9	3.129	97.9	5.6	1.7	1.3
135	9/5/2014 19:31:11	15.79	52.27	34.45	7.86	7.99	6.2	3.210	97.8	5.2	1.6	1.2
136	9/5/2014 19:46:11	15.59	51.98	34.23	7.97	8.00	6.4	3.298	98.6	5.5	1.7	1.3
137	9/5/2014 20:01:11	15.31	52.13	34.33	8.06	8.00	6.3	3.374	99.3	5.5	1.7	1.3
138	9/5/2014 20:16:11	15.07	51.97	34.21	8.19	8.01	4.9	3.445	100.3	6.4	1.9	1.5
139	9/5/2014 20:31:11	14.92	51.99	34.22	8.33	8.02	4.7	3.513	101.7	6.7	2.0	1.6
140	9/5/2014 20:46:11	14.58	52.14	34.32	8.52	8.03	4.0	3.569	103.4	7.9	2.4	1.9
141	9/5/2014 21:01:11	14.45	52.11	34.30	8.61	8.03	2.6	3.614	104.2	8.2	2.5	1.9
142	9/5/2014 21:16:11	14.43	52.16	34.33	8.57	8.03	2.2	3.651	103.7	6.7	2.0	1.6
143	9/5/2014 21:31:11	14.49	52.03	34.24	8.43	8.02	2.2	3.664	102.1	7.4	2.2	1.7
144	9/5/2014 21:46:11	15.16	52.06	34.28	8.01	8.00	2.3	3.666	98.3	6.5	2.0	1.5
145	9/5/2014 22:01:11	14.47	52.05	34.25	8.24	8.01	2.0	3.645	99.8	6.3	1.9	1.5
146	9/5/2014 22:16:11	15.12	52.01	34.24	7.87	7.99	4.6	3.598	96.6	5.3	1.6	1.2
147	9/5/2014 22:31:11	15.09	52.14	34.34	7.91	7.99	6.4	3.529	97.0	5.5	1.7	1.3
148	9/5/2014 22:46:11	15.18	52.17	34.36	7.77	7.99	5.8	3.461	95.5	5.8	1.7	1.4
149	9/5/2014 23:01:11	15.07	52.27	34.43	7.93	8.00	5.4	3.369	97.3	6.0	1.8	1.4
150	9/5/2014 23:16:11	15.85	52.35	34.50	7.71	7.99	5.7	3.260	96.0	5.4	1.6	1.3
151	9/5/2014 23:31:11	16.29	52.57	34.67	7.76	8.00	6.1	3.154	97.6	5.6	1.7	1.3
152	9/5/2014 23:46:11	16.06	52.42	34.56	7.90	8.01	5.3	3.044	98.8	6.3	1.9	1.5
153	9/6/2014 0:01:11	16.13	52.43	34.57	7.81	8.00	5.6	2.936	97.9	6.5	2.0	1.5
154	9/6/2014 0:16:11	16.39	52.54	34.66	7.69	8.00	5.6	2.820	97.0	5.8	1.7	1.4
155	9/6/2014 0:31:11	16.82	52.47	34.61	7.65	8.00	5.9	2.706	97.2	5.7	1.7	1.3
156	9/6/2014 0:46:11	17.38	52.60	34.72	7.50	8.00	6.9	2.587	96.4	5.6	1.7	1.3
157	9/6/2014 1:01:11	17.79	52.82	34.88	7.53	8.01	6.6	2.466	97.6	5.4	1.6	1.3
158	9/6/2014 1:16:11	17.62	52.60	34.72	7.47	8.00	7.2	2.336	96.4	4.9	1.5	1.2
159	9/6/2014 1:31:11	17.40	52.70	34.79	7.51	8.00	8.3	2.205	96.6	5.9	1.8	1.4
160	9/6/2014 1:46:11	17.10	52.44	34.59	7.47	7.99	8.7	2.079	95.4	6.1	1.8	1.4
161	9/6/2014 2:01:11	16.99	52.66	34.75	7.40	7.99	8.9	1.943	94.4	5.9	1.8	1.4
162	9/6/2014 2:16:11	17.23	52.69	34.78	7.38	7.99	8.3	1.819	94.6	5.8	1.7	1.4
163	9/6/2014 2:31:11	17.21	52.67	34.77	7.36	7.99	7.2	1.697	94.3	6.0	1.8	1.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
164	9/6/2014 2:46:11	17.61	52.77	34.84	7.28	7.99	7.2	1.562	94.0	6.1	1.8	1.4
165	9/6/2014 3:01:11	18.27	52.87	34.92	7.35	8.01	8.1	1.454	96.1	7.0	2.1	1.7
166	9/6/2014 3:16:11	18.24	52.81	34.88	7.27	8.00	6.7	1.369	95.1	6.3	1.9	1.5
167	9/6/2014 3:31:11	18.16	52.76	34.84	7.18	7.99	6.2	1.276	93.8	6.7	2.0	1.6
168	9/6/2014 3:46:11	18.52	53.09	35.08	7.26	8.01	5.4	1.216	95.5	7.1	2.1	1.7
169	9/6/2014 4:01:11	18.46	53.04	35.05	7.13	7.99	4.0	1.181	93.7	6.2	1.9	1.5
170	9/6/2014 4:16:11	18.38	53.13	35.11	7.07	7.99	4.2	1.178	92.8	6.7	2.0	1.6
171	9/6/2014 4:31:11	18.56	53.13	35.11	7.29	8.01	4.2	1.188	96.0	6.9	2.1	1.6
172	9/6/2014 4:46:11	18.65	53.11	35.10	7.33	8.02	5.3	1.256	96.7	6.8	2.0	1.6
173	9/6/2014 5:01:11	18.80	53.17	35.15	7.53	8.04	5.0	1.315	99.7	6.8	2.0	1.6
174	9/6/2014 5:16:11	18.86	53.18	35.16	7.65	8.05	4.8	1.380	101.4	6.8	2.0	1.6
175	9/6/2014 5:31:11	18.87	53.18	35.16	7.68	8.05	5.0	1.478	101.8	7.0	2.1	1.6
176	9/6/2014 5:46:11	18.81	53.14	35.12	7.66	8.05	5.3	1.565	101.3	6.4	1.9	1.5
177	9/6/2014 6:01:11	18.72	53.25	35.20	7.62	8.04	5.0	1.661	100.8	6.3	1.9	1.5
178	9/6/2014 6:16:11	18.36	53.12	35.11	7.44	8.02	5.0	1.743	97.7	6.1	1.8	1.4
179	9/6/2014 6:31:11	18.17	53.00	35.02	7.38	8.01	4.6	1.841	96.4	6.2	1.9	1.5
180	9/6/2014 6:46:11	18.11	53.06	35.06	7.38	8.00	4.5	1.936	96.3	6.0	1.8	1.4
181	9/6/2014 7:01:11	18.25	52.97	34.99	7.38	8.01	5.0	2.030	96.5	5.7	1.7	1.3
182	9/6/2014 7:16:11	18.43	53.20	35.16	7.38	8.01	5.6	2.122	97.1	6.1	1.8	1.4
183	9/6/2014 7:31:11	18.36	53.04	35.05	7.33	8.00	5.9	2.218	96.2	5.8	1.7	1.4
184	9/6/2014 7:46:11	18.22	52.96	34.99	7.24	7.99	5.8	2.324	94.7	5.7	1.7	1.3
185	9/6/2014 8:01:11	18.02	52.89	34.93	7.12	7.97	6.1	2.409	92.7	5.3	1.6	1.3
186	9/6/2014 8:16:11	17.78	52.94	34.97	7.08	7.97	6.4	2.499	91.8	5.2	1.6	1.2
187	9/6/2014 8:31:11	17.59	52.70	34.79	7.12	7.96	6.3	2.596	91.9	4.9	1.5	1.2
188	9/6/2014 8:46:11	17.46	52.82	34.88	7.09	7.96	7.2	2.686	91.4	4.8	1.4	1.1
189	9/6/2014 9:01:11	17.03	52.65	34.75	7.17	7.96	10.4	2.776	91.6	5.3	1.6	1.2
190	9/6/2014 9:16:11	16.58	52.51	34.64	7.28	7.96	10.8	2.856	92.1	5.3	1.6	1.2
191	9/6/2014 9:31:11	16.13	52.62	34.71	7.42	7.97	8.9	2.940	93.0	4.8	1.4	1.1
192	9/6/2014 9:46:11	15.78	52.47	34.59	7.52	7.97	9.3	3.026	93.6	5.1	1.5	1.2
193	9/6/2014 10:01:11	15.56	52.39	34.53	7.58	7.97	7.8	3.096	94.0	5.1	1.5	1.2
194	9/6/2014 10:16:11	15.39	52.43	34.56	7.63	7.98	6.5	3.164	94.2	5.3	1.6	1.2
195	9/6/2014 10:31:11	15.32	52.33	34.48	7.63	7.98	4.9	3.222	94.1	5.0	1.5	1.2
196	9/6/2014 10:46:11	15.27	52.31	34.46	7.62	7.98	3.7	3.263	93.9	5.1	1.5	1.2
197	9/6/2014 11:01:11	16.49	52.49	34.62	6.88	7.94	4.6	3.288	86.8	4.8	1.4	1.1
198	9/6/2014 11:16:11	16.02	52.65	34.73	7.02	7.95	4.4	3.297	87.9	4.2	1.3	1.0
199	9/6/2014 11:31:11	15.66	52.34	34.49	7.22	7.95	3.4	3.270	89.6	3.4	1.0	0.8
200	9/6/2014 11:46:11	15.72	52.39	34.54	7.35	7.96	5.6	3.227	91.3	4.3	1.3	1.0
201	9/6/2014 12:01:11	15.80	52.25	34.43	7.43	7.97	5.6	3.167	92.5	5.2	1.6	1.2
202	9/6/2014 12:16:11	15.83	52.51	34.62	7.46	7.97	7.0	3.093	93.0	4.8	1.4	1.1
203	9/6/2014 12:31:11	15.74	52.50	34.62	7.64	7.98	6.1	2.997	95.1	4.5	1.4	1.1
204	9/6/2014 12:46:11	16.03	52.51	34.63	7.59	7.98	5.9	2.909	95.0	4.6	1.4	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
205	9/6/2014 13:01:11	16.43	52.67	34.75	7.46	7.98	5.6	2.826	94.2	4.9	1.5	1.1
206	9/6/2014 13:16:11	16.84	52.64	34.74	7.35	7.97	5.8	2.730	93.6	4.4	1.3	1.0
207	9/6/2014 13:31:11	17.22	52.77	34.84	7.29	7.98	5.0	2.640	93.4	5.2	1.6	1.2
208	9/6/2014 13:46:11	17.59	52.91	34.94	7.27	7.98	5.1	2.551	93.9	5.2	1.6	1.2
209	9/6/2014 14:01:11	17.92	52.92	34.96	7.17	7.97	5.0	2.483	93.2	5.4	1.6	1.3
210	9/6/2014 14:16:11	18.15	53.07	35.07	7.20	7.98	5.0	2.405	94.0	5.5	1.7	1.3
211	9/6/2014 14:31:11	18.25	53.07	35.07	7.29	7.98	5.1	2.308	95.4	5.3	1.6	1.3
212	9/6/2014 14:46:11	18.31	53.07	35.07	7.38	7.99	5.0	2.247	96.8	5.6	1.7	1.3
213	9/6/2014 15:01:11	18.24	52.88	34.93	7.36	7.99	4.1	2.184	96.2	5.0	1.5	1.2
214	9/6/2014 15:16:11	18.24	52.98	35.00	7.49	8.00	4.2	2.110	98.0	5.2	1.6	1.2
215	9/6/2014 15:31:11	18.23	52.92	34.96	7.50	8.00	3.6	2.060	98.1	5.1	1.5	1.2
216	9/6/2014 15:46:11	18.23	52.87	34.93	7.48	8.00	3.1	2.019	97.8	5.1	1.5	1.2
217	9/6/2014 16:01:11	18.20	53.03	35.04	7.34	7.99	3.0	1.998	96.0	3.7	1.1	0.9
218	9/6/2014 16:16:11	18.36	52.84	34.90	7.55	8.00	3.5	1.975	98.9	5.9	1.8	1.4
219	9/6/2014 16:31:11	18.28	52.88	34.93	7.66	8.00	3.5	1.971	100.2	4.9	1.5	1.2
220	9/6/2014 16:46:11	18.31	52.96	34.99	7.71	8.01	3.7	2.008	101.0	5.6	1.7	1.3
221	9/6/2014 17:01:11	18.32	53.11	35.10	7.70	8.01	4.3	2.047	101.0	5.9	1.8	1.4
222	9/6/2014 17:16:11	18.33	52.93	34.97	7.76	8.01	5.1	2.094	101.7	6.9	2.1	1.6
223	9/6/2014 17:31:11	18.34	52.97	35.00	7.75	8.02	5.2	2.162	101.6	7.0	2.1	1.6
224	9/6/2014 17:46:11	18.28	53.08	35.08	7.76	8.01	5.9	2.244	101.6	7.2	2.2	1.7
225	9/6/2014 18:01:11	18.04	52.96	34.99	7.71	8.00	6.2	2.327	100.5	6.0	1.8	1.4
226	9/6/2014 18:16:11	17.82	52.94	34.97	7.74	8.00	6.4	2.403	100.5	6.8	2.0	1.6
227	9/6/2014 18:31:11	17.77	52.99	35.01	7.70	8.00	5.4	2.491	99.9	6.4	1.9	1.5
228	9/6/2014 18:46:11	17.70	52.94	34.97	7.64	8.00	5.3	2.573	98.9	6.0	1.8	1.4
229	9/6/2014 19:01:11	17.36	52.82	34.88	7.57	7.99	5.8	2.660	97.3	6.0	1.8	1.4
230	9/6/2014 19:16:11	17.09	52.79	34.85	7.52	7.98	5.9	2.747	96.1	5.4	1.6	1.3
231	9/6/2014 19:31:11	16.82	52.70	34.78	7.49	7.98	7.4	2.835	95.3	5.7	1.7	1.3
232	9/6/2014 19:46:11	16.52	52.57	34.68	7.48	7.97	8.3	2.927	94.5	5.5	1.7	1.3
233	9/6/2014 20:01:11	16.20	52.57	34.67	7.53	7.97	8.1	3.024	94.5	5.9	1.8	1.4
234	9/6/2014 20:16:11	16.01	52.61	34.70	7.58	7.98	8.3	3.117	94.8	6.4	1.9	1.5
235	9/6/2014 20:31:11	15.55	52.44	34.56	7.77	7.98	8.6	3.217	96.3	6.3	1.9	1.5
236	9/6/2014 20:46:11	15.26	52.29	34.45	7.94	7.99	8.5	3.305	97.8	6.9	2.1	1.6
237	9/6/2014 21:01:11	14.90	52.31	34.46	8.10	8.00	7.8	3.397	99.0	6.7	2.0	1.6
238	9/6/2014 21:16:11	14.49	52.30	34.44	8.33	8.01	7.3	3.482	101.0	7.4	2.2	1.7
239	9/6/2014 21:31:11	14.32	52.25	34.39	8.43	8.02	4.5	3.552	101.8	7.8	2.3	1.8
240	9/6/2014 21:46:11	14.20	52.22	34.37	8.55	8.03	4.0	3.625	103.0	7.1	2.1	1.7
241	9/6/2014 22:01:11	14.09	52.18	34.33	8.62	8.04	3.1	3.681	103.6	7.9	2.4	1.9
242	9/6/2014 22:16:11	14.15	52.11	34.28	8.59	8.04	2.5	3.717	103.4	7.5	2.3	1.8
243	9/6/2014 22:31:11	14.25	52.22	34.37	8.38	8.03	2.8	3.737	101.0	7.4	2.2	1.7
244	9/6/2014 22:46:11	14.75	52.29	34.43	8.08	8.01	3.5	3.749	98.5	6.2	1.9	1.4
245	9/6/2014 23:01:11	14.35	52.31	34.44	8.21	8.01	3.3	3.721	99.3	5.4	1.6	1.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
246	9/6/2014 23:16:11	14.57	52.18	34.35	8.07	8.00	5.4	3.672	97.9	4.7	1.4	1.1
247	9/6/2014 23:31:11	14.62	52.32	34.45	8.00	8.00	5.1	3.602	97.3	6.5	2.0	1.5
248	9/6/2014 23:46:11	14.53	52.33	34.46	7.98	8.00	8.4	3.513	96.8	6.8	2.0	1.6
249	9/7/2014 0:01:11	14.34	52.27	34.41	8.22	8.01	5.3	3.413	99.3	7.4	2.2	1.7
250	9/7/2014 0:16:10	15.52	52.24	34.42	7.72	7.99	7.8	3.292	95.6	5.9	1.8	1.4
251	9/7/2014 0:31:11	15.47	52.58	34.67	7.93	8.00	6.7	3.176	98.1	6.5	2.0	1.5
252	9/7/2014 0:46:11	15.52	52.35	34.50	7.88	8.00	6.2	3.058	97.5	6.5	2.0	1.5
253	9/7/2014 1:01:11	15.79	52.47	34.59	7.76	7.99	7.3	2.924	96.6	6.5	2.0	1.5
254	9/7/2014 1:16:11	16.24	52.55	34.66	7.51	7.98	7.5	2.807	94.4	5.7	1.7	1.3
255	9/7/2014 1:31:11	16.53	52.71	34.79	7.36	7.97	7.2	2.679	93.0	5.3	1.6	1.3
256	9/7/2014 1:46:11	16.97	52.65	34.75	7.26	7.97	7.0	2.540	92.6	5.1	1.5	1.2
257	9/7/2014 2:01:11	17.12	52.85	34.90	7.20	7.97	8.7	2.408	92.2	4.9	1.5	1.1
258	9/7/2014 2:16:11	16.59	52.44	34.59	7.25	7.96	8.9	2.276	91.7	5.7	1.7	1.3
259	9/7/2014 2:31:11	16.66	52.85	34.89	7.30	7.97	9.0	2.138	92.6	5.6	1.7	1.3
260	9/7/2014 2:46:11	16.10	52.61	34.71	7.30	7.96	8.2	1.993	91.5	5.2	1.6	1.2
261	9/7/2014 3:01:11	16.83	52.83	34.88	7.14	7.96	8.3	1.854	90.9	5.9	1.8	1.4
262	9/7/2014 3:16:11	16.93	52.79	34.85	7.09	7.96	7.1	1.726	90.4	5.4	1.6	1.3
263	9/7/2014 3:31:11	16.93	52.74	34.82	7.03	7.95	7.2	1.578	89.6	5.3	1.6	1.2
264	9/7/2014 3:46:11	17.28	52.72	34.80	6.96	7.95	7.7	1.454	89.3	5.5	1.7	1.3
265	9/7/2014 4:01:11	17.34	52.94	34.96	6.92	7.95	6.3	1.340	89.0	5.0	1.5	1.2
266	9/7/2014 4:16:11	17.66	53.03	35.04	6.87	7.95	6.0	1.239	89.0	5.3	1.6	1.3
267	9/7/2014 4:31:11	17.68	52.91	34.95	6.84	7.95	5.9	1.157	88.5	5.2	1.6	1.2
268	9/7/2014 4:46:11	17.92	53.03	35.04	6.85	7.96	5.4	1.108	89.1	5.9	1.8	1.4
269	9/7/2014 5:01:11	18.06	52.96	34.98	6.84	7.97	4.5	1.099	89.2	5.5	1.7	1.3
270	9/7/2014 5:16:11	17.96	53.07	35.07	6.89	7.96	4.8	1.110	89.7	5.5	1.7	1.3
271	9/7/2014 5:31:11	17.91	52.97	34.99	6.89	7.96	4.6	1.166	89.5	5.5	1.7	1.3
272	9/7/2014 5:46:11	18.32	53.23	35.19	7.04	7.99	5.0	1.241	92.3	6.1	1.8	1.4
273	9/7/2014 6:01:11	18.47	53.15	35.13	7.19	8.00	4.7	1.336	94.5	5.9	1.8	1.4
274	9/7/2014 6:16:11	18.43	53.21	35.17	7.18	8.00	5.3	1.432	94.4	5.6	1.7	1.3
275	9/7/2014 6:31:11	18.41	53.31	35.25	7.18	8.00	5.1	1.534	94.4	5.4	1.6	1.3
276	9/7/2014 6:46:11	18.17	53.13	35.12	7.09	7.99	5.0	1.638	92.7	5.6	1.7	1.3
277	9/7/2014 7:01:11	17.76	53.02	35.03	6.99	7.97	5.1	1.737	90.7	5.1	1.5	1.2
278	9/7/2014 7:16:11	17.58	53.06	35.05	6.96	7.96	4.8	1.839	90.0	5.1	1.5	1.2
279	9/7/2014 7:31:11	17.62	53.08	35.07	6.98	7.96	4.8	1.937	90.3	4.8	1.4	1.1
280	9/7/2014 7:46:11	17.85	53.15	35.13	6.95	7.96	5.3	2.050	90.3	5.2	1.6	1.2
281	9/7/2014 8:01:11	18.03	53.12	35.11	6.92	7.97	6.4	2.157	90.3	4.7	1.4	1.1
282	9/7/2014 8:16:11	17.86	53.09	35.08	6.88	7.96	6.2	2.254	89.4	4.6	1.4	1.1
283	9/7/2014 8:31:11	17.71	52.92	34.95	6.81	7.94	7.0	2.364	88.3	4.4	1.3	1.0
284	9/7/2014 8:46:11	17.45	53.03	35.03	6.81	7.94	7.2	2.469	87.8	4.4	1.3	1.0
285	9/7/2014 9:01:11	17.25	52.92	34.95	6.85	7.94	8.9	2.571	87.9	4.5	1.4	1.1
286	9/7/2014 9:16:11	17.04	52.77	34.84	6.90	7.94	10.3	2.669	88.2	5.0	1.5	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
287	9/7/2014 9:31:11	16.58	52.73	34.80	7.00	7.94	11.0	2.765	88.7	5.1	1.5	1.2
288	9/7/2014 9:46:11	16.18	52.72	34.79	7.12	7.94	11.9	2.876	89.5	4.9	1.5	1.2
289	9/7/2014 10:01:11	15.49	52.40	34.53	7.36	7.95	11.9	2.967	91.0	5.6	1.7	1.3
290	9/7/2014 10:16:11	15.28	52.59	34.67	7.41	7.95	10.9	3.061	91.4	5.3	1.6	1.2
291	9/7/2014 10:31:11	15.05	52.50	34.60	7.47	7.96	9.7	3.156	91.7	5.3	1.6	1.2
292	9/7/2014 10:46:11	14.55	52.44	34.54	7.53	7.96	8.9	3.245	91.5	5.2	1.6	1.2
293	9/7/2014 11:01:11	14.26	52.27	34.41	7.56	7.96	7.2	3.325	91.2	5.5	1.7	1.3
294	9/7/2014 11:16:11	13.94	52.15	34.31	7.60	7.96	4.3	3.388	91.1	5.4	1.6	1.3
295	9/7/2014 11:31:11	13.88	52.24	34.37	7.60	7.96	3.2	3.429	91.0	4.8	1.4	1.1
296	9/7/2014 11:46:11	13.99	52.41	34.50	7.50	7.96	2.8	3.466	90.1	5.8	1.7	1.4
297	9/7/2014 12:01:11	14.53	52.22	34.38	7.28	7.95	3.7	3.464	88.3	4.0	1.2	0.9
298	9/7/2014 12:16:11	14.41	52.34	34.46	7.32	7.95	4.5	3.433	88.6	4.4	1.3	1.0
299	9/7/2014 12:31:11	14.38	52.45	34.54	7.44	7.96	4.6	3.385	90.1	4.7	1.4	1.1
300	9/7/2014 12:46:11	14.65	52.34	34.47	7.48	7.96	6.4	3.313	91.0	4.5	1.4	1.0
301	9/7/2014 13:01:11	14.56	52.34	34.46	7.61	7.97	6.1	3.213	92.4	5.0	1.5	1.2
302	9/7/2014 13:16:11	14.65	52.40	34.52	7.66	7.97	6.2	3.111	93.2	4.8	1.4	1.1
303	9/7/2014 13:31:11	15.38	52.56	34.65	7.53	7.97	7.3	3.005	93.1	4.8	1.4	1.1
304	9/7/2014 13:46:11	15.67	52.64	34.71	7.44	7.97	7.2	2.901	92.5	4.9	1.5	1.1
305	9/7/2014 14:01:11	16.01	52.65	34.73	7.37	7.97	6.7	2.799	92.3	5.2	1.6	1.2
306	9/7/2014 14:16:11	16.51	52.71	34.79	7.31	7.97	6.9	2.684	92.4	5.1	1.5	1.2
307	9/7/2014 14:31:11	17.03	52.91	34.94	7.28	7.97	6.4	2.586	93.0	4.1	1.2	1.0
308	9/7/2014 14:46:11	17.26	52.92	34.95	7.28	7.97	6.4	2.490	93.4	4.7	1.4	1.1
309	9/7/2014 15:01:11	17.46	52.98	35.00	7.31	7.97	6.1	2.381	94.2	4.4	1.3	1.0
310	9/7/2014 15:16:11	17.38	52.99	35.01	7.38	7.97	5.4	2.288	95.1	5.3	1.6	1.3
311	9/7/2014 15:31:11	17.46	52.98	35.00	7.48	7.98	5.7	2.188	96.4	4.8	1.4	1.1
312	9/7/2014 15:46:11	17.32	52.82	34.88	7.71	7.99	5.1	2.093	99.1	5.1	1.5	1.2
313	9/7/2014 16:01:11	17.21	52.89	34.93	7.80	8.00	4.8	2.021	100.0	4.8	1.4	1.1
314	9/7/2014 16:16:11	17.21	52.85	34.90	8.04	8.02	4.6	1.933	103.1	4.8	1.4	1.1
315	9/7/2014 16:31:11	17.20	52.79	34.85	8.02	8.02	4.5	1.867	102.8	4.8	1.4	1.1
316	9/7/2014 16:46:11	17.32	52.76	34.83	8.14	8.02	4.5	1.820	104.6	5.0	1.5	1.2
317	9/7/2014 17:01:11	17.46	52.87	34.92	7.82	8.01	3.6	1.794	100.7	3.9	1.2	0.9
318	9/7/2014 17:16:11	17.33	52.87	34.91	8.07	8.02	4.9	1.770	103.7	4.8	1.4	1.1
319	9/7/2014 17:31:11	17.35	52.88	34.92	8.05	8.02	4.3	1.775	103.5	5.1	1.5	1.2
320	9/7/2014 17:46:11	17.76	52.71	34.80	8.03	8.02	4.0	1.830	103.9	6.6	2.0	1.6
321	9/7/2014 18:01:11	18.08	53.02	35.03	7.88	8.03	4.5	1.863	102.9	6.4	1.9	1.5
322	9/7/2014 18:16:11	18.21	53.19	35.16	7.88	8.03	4.5	1.931	103.2	6.8	2.0	1.6
323	9/7/2014 18:31:11	18.17	53.01	35.03	7.81	8.02	5.5	2.025	102.0	6.7	2.0	1.6
324	9/7/2014 18:46:11	18.04	53.05	35.06	7.74	8.01	5.5	2.115	101.0	6.6	2.0	1.5
325	9/7/2014 19:01:11	17.54	53.02	35.03	7.66	7.99	6.7	2.211	98.9	6.3	1.9	1.5
326	9/7/2014 19:16:11	17.37	52.90	34.94	7.63	7.99	5.4	2.294	98.2	5.3	1.6	1.2
327	9/7/2014 19:31:11	17.50	52.94	34.97	7.55	7.99	5.7	2.393	97.4	5.8	1.7	1.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
328	9/7/2014 19:46:11	17.48	53.03	35.03	7.45	7.98	6.2	2.489	96.1	5.7	1.7	1.3
329	9/7/2014 20:01:11	17.19	52.92	34.95	7.34	7.97	6.3	2.581	94.1	5.8	1.7	1.4
330	9/7/2014 20:16:11	16.81	52.88	34.91	7.31	7.96	8.1	2.678	93.1	5.6	1.7	1.3
331	9/7/2014 20:31:11	16.46	52.67	34.76	7.31	7.96	8.3	2.776	92.4	5.4	1.6	1.3
332	9/7/2014 20:46:11	16.16	52.70	34.77	7.33	7.95	10.8	2.888	92.0	5.9	1.8	1.4
333	9/7/2014 21:01:11	15.96	52.71	34.77	7.34	7.95	11.6	2.987	91.8	5.6	1.7	1.3
334	9/7/2014 21:16:11	15.30	52.48	34.59	7.52	7.96	11.3	3.096	92.7	6.6	2.0	1.6
335	9/7/2014 21:31:11	14.83	52.47	34.57	7.58	7.96	12.0	3.210	92.6	6.0	1.8	1.4
336	9/7/2014 21:46:11	14.39	52.44	34.53	7.64	7.96	8.8	3.319	92.5	6.5	2.0	1.5
337	9/7/2014 22:01:11	14.06	52.45	34.53	7.73	7.97	9.6	3.422	93.0	6.0	1.8	1.4
338	9/7/2014 22:16:11	13.83	52.28	34.40	7.79	7.97	7.5	3.513	93.2	5.8	1.7	1.4
339	9/7/2014 22:31:11	13.68	52.23	34.36	7.82	7.97	5.3	3.609	93.2	6.6	2.0	1.6
340	9/7/2014 22:46:11	13.54	52.37	34.45	7.81	7.97	3.4	3.685	92.9	6.1	1.8	1.4
341	9/7/2014 23:01:11	13.38	52.23	34.35	7.81	7.98	2.6	3.740	92.5	6.3	1.9	1.5
342	9/7/2014 23:16:11	13.38	52.37	34.45	7.76	7.98	2.6	3.789	92.0	6.0	1.8	1.4
343	9/7/2014 23:31:11	14.47	51.94	34.17	7.39	7.96	6.1	3.816	89.5	5.3	1.6	1.3
344	9/7/2014 23:46:11	13.72	52.42	34.50	7.49	7.96	3.6	3.808	89.4	4.9	1.5	1.2
345	9/8/2014 0:01:11	14.18	52.27	34.41	7.40	7.95	4.8	3.780	89.1	5.5	1.7	1.3
346	9/8/2014 0:16:11	13.73	52.33	34.43	7.56	7.96	4.9	3.721	90.3	6.1	1.8	1.4
347	9/8/2014 0:31:11	13.73	52.44	34.52	7.57	7.96	5.9	3.638	90.4	5.8	1.7	1.4
348	9/8/2014 0:46:11	13.50	52.38	34.46	7.62	7.96	5.8	3.534	90.5	5.8	1.7	1.4
349	9/8/2014 1:01:11	13.64	52.39	34.47	7.59	7.96	6.1	3.422	90.4	5.9	1.8	1.4
350	9/8/2014 1:16:11	14.54	52.51	34.59	7.44	7.96	9.4	3.298	90.4	5.4	1.6	1.3
351	9/8/2014 1:31:11	14.80	52.47	34.57	7.51	7.97	7.6	3.169	91.7	5.8	1.7	1.4
352	9/8/2014 1:46:11	14.88	52.47	34.57	7.49	7.97	7.2	3.039	91.6	5.6	1.7	1.3
353	9/8/2014 2:01:11	15.31	52.63	34.70	7.35	7.96	8.0	2.899	90.8	5.2	1.6	1.2
354	9/8/2014 2:16:11	15.61	52.68	34.74	7.24	7.95	8.6	2.769	89.9	5.3	1.6	1.3
355	9/8/2014 2:31:11	15.77	52.69	34.76	7.17	7.95	7.5	2.632	89.3	15.3	4.6	3.6
356	9/8/2014 2:46:11	16.35	52.83	34.87	7.06	7.94	7.8	2.488	89.0	3.9	1.2	0.9
357	9/8/2014 3:01:11	15.77	52.71	34.77	7.14	7.94	8.4	2.355	89.0	4.8	1.4	1.1
358	9/8/2014 3:16:11	15.75	52.67	34.74	7.12	7.94	7.6	2.218	88.7	4.9	1.5	1.1
359	9/8/2014 3:31:11	15.83	52.59	34.68	7.13	7.94	7.7	2.055	88.9	5.0	1.5	1.2
360	9/8/2014 3:46:11	15.69	52.32	34.48	7.09	7.94	6.8	1.920	88.1	4.8	1.4	1.1
361	9/8/2014 4:01:11	15.83	52.77	34.82	7.03	7.93	8.1	1.775	87.8	4.8	1.4	1.1
362	9/8/2014 4:16:11	16.29	52.72	34.79	6.91	7.93	8.4	1.645	87.0	4.5	1.4	1.0
363	9/8/2014 4:31:11	16.40	52.89	34.91	6.88	7.93	7.8	1.504	86.9	4.8	1.4	1.1
364	9/8/2014 4:46:11	16.65	52.83	34.87	6.81	7.93	7.3	1.370	86.4	4.7	1.4	1.1
365	9/8/2014 5:01:11	16.73	52.96	34.97	6.77	7.92	7.3	1.271	86.1	4.6	1.4	1.1
366	9/8/2014 5:16:11	16.88	52.96	34.98	6.74	7.92	7.2	1.182	85.9	4.1	1.2	1.0
367	9/8/2014 5:31:11	17.11	53.05	35.04	6.70	7.93	6.4	1.108	85.9	5.2	1.6	1.2
368	9/8/2014 5:46:11	17.07	53.06	35.05	6.65	7.92	21.7	1.070	85.1	6.0	1.8	1.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
369	9/8/2014 6:01:11	17.00	52.85	34.89	6.66	7.91	6.5	1.102	85.0	4.9	1.5	1.2
370	9/8/2014 6:16:11	17.18	53.07	35.06	6.73	7.93	5.6	1.143	86.3	5.0	1.5	1.2
371	9/8/2014 6:31:11	17.44	53.14	35.11	6.74	7.94	6.6	1.208	87.0	5.0	1.5	1.2
372	9/8/2014 6:46:11	17.57	53.15	35.13	6.81	7.95	6.1	1.323	88.0	5.0	1.5	1.2
373	9/8/2014 7:01:11	17.56	53.16	35.13	6.82	7.95	7.2	1.422	88.2	4.6	1.4	1.1
374	9/8/2014 7:16:11	17.52	53.00	35.01	6.85	7.95	7.0	1.536	88.4	5.4	1.6	1.3
375	9/8/2014 7:31:11	17.16	52.97	34.98	6.79	7.93	6.8	1.651	87.1	4.3	1.3	1.0
376	9/8/2014 7:46:11	16.88	52.99	35.00	6.81	7.93	5.9	1.755	86.8	4.6	1.4	1.1
377	9/8/2014 8:01:11	16.76	52.91	34.94	6.80	7.92	5.4	1.864	86.4	4.7	1.4	1.1
378	9/8/2014 8:16:11	16.92	52.93	34.96	6.79	7.93	5.5	1.976	86.6	3.7	1.1	0.9
379	9/8/2014 8:31:11	17.06	53.04	35.04	6.75	7.92	6.8	2.084	86.4	4.7	1.4	1.1
380	9/8/2014 8:46:11	17.19	53.05	35.05	6.73	7.92	6.8	2.193	86.3	4.3	1.3	1.0
381	9/8/2014 9:01:11	17.09	53.06	35.06	6.70	7.92	8.3	2.301	85.8	3.9	1.2	0.9
382	9/8/2014 9:16:11	16.90	53.01	35.01	6.69	7.91	8.1	2.409	85.4	4.1	1.2	1.0
383	9/8/2014 9:31:11	16.70	52.86	34.90	6.74	7.91	9.0	2.523	85.6	4.3	1.3	1.0
384	9/8/2014 9:46:11	16.52	52.76	34.82	6.80	7.91	11.1	2.628	86.0	4.2	1.3	1.0
385	9/8/2014 10:01:11	16.15	52.78	34.83	6.84	7.91	12.4	2.739	86.0	5.0	1.5	1.2
386	9/8/2014 10:16:11	15.79	52.66	34.74	6.92	7.92	14.7	2.849	86.2	4.4	1.3	1.0
387	9/8/2014 10:31:11	14.97	52.74	34.77	7.11	7.92	14.2	2.957	87.3	5.1	1.5	1.2
388	9/8/2014 10:46:11	14.68	52.64	34.69	7.20	7.93	10.4	3.064	87.8	5.2	1.6	1.2
389	9/8/2014 11:01:11	14.36	52.48	34.56	7.27	7.93	10.0	3.172	87.9	4.7	1.4	1.1
390	9/8/2014 11:16:11	14.22	52.51	34.58	7.31	7.94	8.7	3.274	88.2	4.6	1.4	1.1
391	9/8/2014 11:31:11	14.10	52.52	34.59	7.37	7.94	7.8	3.364	88.8	4.2	1.3	1.0
392	9/8/2014 11:46:11	13.94	52.19	34.34	7.50	7.95	5.9	3.450	89.9	5.3	1.6	1.2
393	9/8/2014 12:01:11	13.71	52.50	34.56	7.63	7.96	4.2	3.513	91.1	5.5	1.7	1.3
394	9/8/2014 12:16:11	13.71	52.48	34.54	7.66	7.96	3.0	3.569	91.5	5.6	1.7	1.3
395	9/8/2014 12:31:11	14.41	52.19	34.35	7.45	7.96	3.7	3.597	90.1	5.2	1.6	1.2
396	9/8/2014 12:46:11	14.26	52.50	34.58	7.38	7.95	3.9	3.591	89.2	4.0	1.2	0.9
397	9/8/2014 13:01:12	14.35	52.45	34.54	7.33	7.95	3.5	3.570	88.7	3.8	1.1	0.9
398	9/8/2014 13:16:11	14.34	52.44	34.53	7.42	7.95	5.0	3.512	89.7	3.9	1.2	0.9
399	9/8/2014 13:31:11	14.35	52.51	34.59	7.54	7.96	4.8	3.425	91.3	4.5	1.4	1.1
400	9/8/2014 13:46:11	14.06	52.45	34.53	7.75	7.97	5.9	3.328	93.2	5.6	1.7	1.3
401	9/8/2014 14:01:11	14.27	52.50	34.58	7.75	7.97	6.8	3.207	93.7	4.6	1.4	1.1
402	9/8/2014 14:16:11	14.81	52.46	34.57	7.57	7.96	6.6	3.092	92.5	4.6	1.4	1.1
403	9/8/2014 14:31:11	15.13	52.53	34.62	7.46	7.95	6.9	2.977	91.7	4.3	1.3	1.0
404	9/8/2014 14:46:11	15.28	52.53	34.63	7.42	7.95	8.1	2.849	91.4	4.5	1.4	1.1
405	9/8/2014 15:01:11	15.70	52.43	34.56	7.41	7.96	7.6	2.731	92.1	4.9	1.5	1.2
406	9/8/2014 15:16:11	16.17	52.72	34.79	7.39	7.96	7.4	2.616	92.9	5.0	1.5	1.2
407	9/8/2014 15:31:11	16.62	52.77	34.83	7.40	7.96	6.3	2.504	93.8	4.5	1.4	1.1
408	9/8/2014 15:46:11	16.76	52.93	34.95	7.47	7.96	7.3	2.382	95.0	4.1	1.2	1.0
409	9/8/2014 16:01:11	16.90	52.86	34.90	7.54	7.97	6.8	2.260	96.1	5.0	1.5	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
410	9/8/2014 16:16:11	16.66	52.78	34.84	7.75	7.98	6.6	2.152	98.3	4.5	1.4	1.1
411	9/8/2014 16:31:11	16.66	52.74	34.81	7.83	7.99	6.5	2.046	99.3	4.7	1.4	1.1
412	9/8/2014 16:46:11	16.68	52.88	34.91	8.00	8.00	6.2	1.933	101.5	4.9	1.5	1.2
413	9/8/2014 17:01:11	16.75	52.90	34.93	7.97	8.00	6.2	1.831	101.3	4.8	1.4	1.1
414	9/8/2014 17:16:11	16.99	52.80	34.86	7.99	8.00	5.5	1.754	102.1	5.0	1.5	1.2
415	9/8/2014 17:31:11	16.90	52.92	34.95	8.09	8.01	5.1	1.676	103.2	4.7	1.4	1.1
416	9/8/2014 17:46:11	17.03	52.90	34.93	8.09	8.01	5.2	1.610	103.4	4.4	1.3	1.0
417	9/8/2014 18:01:11	17.09	52.89	34.93	7.95	8.01	4.5	1.581	101.7	4.4	1.3	1.0
418	9/8/2014 18:16:11	16.88	52.86	34.90	8.09	8.00	4.9	1.590	103.1	4.3	1.3	1.0
419	9/8/2014 18:31:11	16.97	52.87	34.91	8.07	8.01	5.1	1.599	103.1	4.7	1.4	1.1
420	9/8/2014 18:46:11	17.10	52.97	34.98	8.02	8.01	5.2	1.649	102.7	5.2	1.6	1.2
421	9/8/2014 19:01:12	17.54	53.07	35.07	8.00	8.01	5.1	1.716	103.4	5.6	1.7	1.3
422	9/8/2014 19:16:11	17.77	52.99	35.00	7.99	8.02	6.1	1.810	103.7	5.4	1.6	1.3
423	9/8/2014 19:31:11	17.70	53.21	35.17	7.91	8.01	6.8	1.918	102.6	5.4	1.6	1.3
424	9/8/2014 19:46:11	17.44	53.01	35.02	7.73	7.98	7.7	2.023	99.6	5.4	1.6	1.3
425	9/8/2014 20:01:11	17.20	53.00	35.01	7.67	7.98	7.3	2.127	98.4	5.5	1.7	1.3
426	9/8/2014 20:16:11	17.25	52.98	35.00	7.60	7.97	6.7	2.239	97.6	5.8	1.7	1.4
427	9/8/2014 20:31:11	17.28	53.06	35.05	7.56	7.97	6.5	2.342	97.1	6.0	1.8	1.4
428	9/8/2014 20:46:11	17.07	53.00	35.01	7.41	7.96	7.0	2.440	94.8	5.4	1.6	1.3
429	9/8/2014 21:01:11	16.73	52.91	34.94	7.31	7.95	7.0	2.548	92.9	5.3	1.6	1.2
430	9/8/2014 21:16:11	16.44	52.61	34.71	7.31	7.94	8.9	2.651	92.3	5.9	1.8	1.4
431	9/8/2014 21:31:11	16.12	52.72	34.79	7.36	7.95	8.8	2.758	92.4	5.4	1.6	1.3
432	9/8/2014 21:46:11	15.95	52.64	34.72	7.36	7.94	10.3	2.867	92.1	5.5	1.7	1.3
433	9/8/2014 22:01:11	15.55	52.49	34.60	7.45	7.95	11.5	2.973	92.4	6.1	1.8	1.4
434	9/8/2014 22:16:11	15.18	52.37	34.50	7.56	7.96	11.5	3.085	92.9	6.2	1.9	1.5
435	9/8/2014 22:31:11	14.52	52.42	34.53	7.72	7.97	9.4	3.194	93.6	6.6	2.0	1.5
436	9/8/2014 22:46:11	14.33	52.11	34.29	7.77	7.97	9.8	3.309	93.8	6.5	2.0	1.5
437	9/8/2014 23:01:11	14.03	52.40	34.49	7.85	7.98	8.0	3.420	94.3	6.4	1.9	1.5
438	9/8/2014 23:16:11	13.89	52.42	34.50	7.87	7.98	6.8	3.516	94.3	7.0	2.1	1.6
439	9/8/2014 23:31:11	13.76	52.36	34.45	7.92	7.98	5.0	3.609	94.6	6.5	2.0	1.5
440	9/8/2014 23:46:11	13.66	52.19	34.32	8.10	7.99	3.7	3.684	96.5	6.7	2.0	1.6
441	9/9/2014 0:01:11	13.63	52.12	34.27	8.09	7.99	3.3	3.745	96.3	6.9	2.1	1.6
442	9/9/2014 0:16:11	13.80	52.41	34.49	7.91	7.99	3.4	3.792	94.7	8.4	2.5	2.0
443	9/9/2014 0:31:11	14.54	52.44	34.54	7.47	7.96	4.7	3.804	90.7	6.0	1.8	1.4
444	9/9/2014 0:46:11	13.91	52.19	34.34	7.76	7.97	2.9	3.805	92.9	5.6	1.7	1.3
445	9/9/2014 1:01:11	14.24	52.40	34.50	7.59	7.96	5.7	3.762	91.6	6.0	1.8	1.4
446	9/9/2014 1:16:11	13.97	52.44	34.52	7.71	7.96	5.0	3.688	92.5	6.5	2.0	1.5
447	9/9/2014 1:31:11	13.75	52.05	34.23	7.89	7.98	5.9	3.596	94.1	7.1	2.1	1.7
448	9/9/2014 1:46:11	13.75	52.37	34.46	7.94	7.98	5.5	3.487	94.9	7.0	2.1	1.6
449	9/9/2014 2:01:11	13.82	52.45	34.53	7.86	7.98	6.3	3.367	94.1	6.6	2.0	1.6
450	9/9/2014 2:16:11	14.64	52.61	34.67	7.59	7.96	7.2	3.233	92.4	5.9	1.8	1.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
451	9/9/2014 2:31:11	14.61	52.49	34.58	7.63	7.96	7.0	3.096	92.8	5.8	1.7	1.4
452	9/9/2014 2:46:11	14.93	52.58	34.65	7.52	7.96	8.8	2.962	92.1	5.6	1.7	1.3
453	9/9/2014 3:01:11	15.24	52.57	34.66	7.40	7.95	7.6	2.838	91.2	5.6	1.7	1.3
454	9/9/2014 3:16:11	15.87	52.60	34.69	7.17	7.93	7.5	2.693	89.4	4.7	1.4	1.1
455	9/9/2014 3:31:11	16.15	52.83	34.86	7.05	7.93	8.9	2.553	88.5	4.4	1.3	1.0
456	9/9/2014 3:46:11	16.07	52.72	34.78	7.02	7.93	9.5	2.419	88.0	4.2	1.3	1.0
457	9/9/2014 4:01:11	15.45	52.59	34.68	7.17	7.93	9.9	2.272	88.7	5.0	1.5	1.2
458	9/9/2014 4:16:11	15.13	52.60	34.67	7.25	7.93	10.4	2.117	89.1	5.6	1.7	1.3
459	9/9/2014 4:31:11	15.66	52.75	34.79	7.17	7.93	9.7	1.976	89.1	5.0	1.5	1.2
460	9/9/2014 4:46:11	15.82	52.69	34.76	7.12	7.93	10.3	1.837	88.9	5.2	1.6	1.2
461	9/9/2014 5:01:11	16.00	52.82	34.86	7.05	7.92	9.2	1.700	88.3	4.3	1.3	1.0
462	9/9/2014 5:16:11	16.13	52.94	34.94	7.00	7.92	9.6	1.552	87.9	4.6	1.4	1.1
463	9/9/2014 5:31:11	16.50	52.88	34.91	6.92	7.92	10.3	1.421	87.6	4.7	1.4	1.1
464	9/9/2014 5:46:11	16.62	53.03	35.02	6.87	7.91	7.7	1.320	87.2	4.4	1.3	1.0
465	9/9/2014 6:01:11	16.76	53.06	35.05	6.83	7.91	6.8	1.223	86.9	4.0	1.2	0.9
466	9/9/2014 6:16:11	16.87	53.00	35.00	6.78	7.91	6.6	1.163	86.4	4.1	1.2	1.0
467	9/9/2014 6:31:11	16.91	53.04	35.03	6.76	7.91	6.4	1.137	86.2	4.4	1.3	1.0
468	9/9/2014 6:46:11	16.81	53.00	35.00	6.78	7.90	6.9	1.157	86.4	4.3	1.3	1.0
469	9/9/2014 7:01:11	17.12	53.11	35.09	6.81	7.91	6.2	1.200	87.3	3.9	1.2	0.9
470	9/9/2014 7:16:11	17.11	53.05	35.04	6.84	7.92	7.4	1.290	87.6	4.2	1.3	1.0
471	9/9/2014 7:31:11	17.15	53.16	35.13	6.92	7.92	5.9	1.383	88.7	4.4	1.3	1.0
472	9/9/2014 7:46:11	17.20	53.18	35.14	6.93	7.93	6.8	1.495	88.9	4.2	1.3	1.0
473	9/9/2014 8:01:11	17.13	53.14	35.11	6.95	7.93	6.5	1.610	89.1	3.8	1.1	0.9
474	9/9/2014 8:16:11	16.83	52.96	34.97	6.95	7.92	6.8	1.710	88.5	4.5	1.4	1.1
475	9/9/2014 8:31:11	16.55	52.90	34.93	6.94	7.92	6.2	1.831	87.9	4.1	1.2	1.0
476	9/9/2014 8:46:11	16.60	53.06	35.04	6.95	7.92	5.7	1.947	88.2	3.9	1.2	0.9
477	9/9/2014 9:01:11	16.73	53.08	35.06	6.94	7.92	6.0	2.059	88.2	4.3	1.3	1.0
478	9/9/2014 9:16:11	16.80	52.97	34.98	6.89	7.91	6.5	2.171	87.7	4.1	1.2	1.0
479	9/9/2014 9:31:11	16.69	53.01	35.01	6.88	7.91	6.5	2.286	87.4	3.9	1.2	0.9
480	9/9/2014 9:46:11	16.57	53.00	35.00	6.86	7.90	7.5	2.397	87.0	4.1	1.2	1.0
481	9/9/2014 10:01:11	16.37	52.71	34.78	6.89	7.90	8.3	2.509	86.9	4.1	1.2	1.0
482	9/9/2014 10:16:11	16.20	52.89	34.91	6.94	7.91	9.5	2.618	87.2	4.2	1.3	1.0
483	9/9/2014 10:31:11	15.90	52.70	34.76	7.04	7.91	11.8	2.734	87.9	5.0	1.5	1.2
484	9/9/2014 10:46:11	15.55	52.77	34.81	7.15	7.92	13.0	2.851	88.7	4.9	1.5	1.2
485	9/9/2014 11:01:11	15.16	52.35	34.49	7.31	7.92	14.3	2.955	89.8	6.1	1.8	1.4
486	9/9/2014 11:16:11	14.86	52.58	34.65	7.40	7.93	14.4	3.074	90.5	5.4	1.6	1.3
487	9/9/2014 11:31:11	14.40	52.47	34.56	7.56	7.94	11.0	3.179	91.6	5.7	1.7	1.3
488	9/9/2014 11:46:11	14.15	52.47	34.55	7.65	7.95	9.3	3.285	92.2	6.3	1.9	1.5
489	9/9/2014 12:01:11	13.99	52.07	34.25	7.75	7.95	7.1	3.394	92.9	5.4	1.6	1.3
490	9/9/2014 12:16:11	13.86	52.42	34.50	7.83	7.96	5.9	3.490	93.7	6.0	1.8	1.4
491	9/9/2014 12:31:11	13.60	52.40	34.48	7.97	7.98	5.3	3.569	95.0	6.4	1.9	1.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
492	9/9/2014 12:46:11	13.40	52.14	34.28	8.07	7.98	3.1	3.636	95.7	6.4	1.9	1.5
493	9/9/2014 13:01:11	13.32	52.27	34.37	8.12	7.99	2.5	3.687	96.2	6.7	2.0	1.6
494	9/9/2014 13:16:11	13.38	52.27	34.37	8.01	7.98	2.1	3.700	94.9	5.8	1.7	1.4
495	9/9/2014 13:31:11	13.62	52.26	34.37	7.96	7.98	3.1	3.698	94.8	4.9	1.5	1.2
496	9/9/2014 13:46:11	14.39	52.45	34.54	7.82	7.97	3.8	3.655	94.6	5.3	1.6	1.3
497	9/9/2014 14:01:11	13.99	52.41	34.50	8.06	7.98	4.0	3.578	96.8	5.3	1.6	1.3
498	9/9/2014 14:16:11	14.06	52.42	34.51	7.96	7.98	4.9	3.493	95.8	5.4	1.6	1.3
499	9/9/2014 14:31:11	14.06	52.12	34.29	8.29	8.00	5.6	3.367	99.5	5.1	1.5	1.2
500	9/9/2014 14:46:11	14.69	52.31	34.45	8.11	7.98	7.0	3.247	98.8	5.1	1.5	1.2
501	9/9/2014 15:01:11	15.09	52.58	34.66	7.96	7.97	8.2	3.127	97.8	5.4	1.6	1.3
502	9/9/2014 15:16:11	15.13	52.65	34.71	7.97	7.97	8.0	2.985	98.1	5.3	1.6	1.2
503	9/9/2014 15:31:11	15.49	52.71	34.77	7.95	7.97	7.6	2.867	98.5	5.4	1.6	1.3
504	9/9/2014 15:46:11	15.83	52.38	34.53	7.98	7.98	7.8	2.739	99.4	5.6	1.7	1.3
505	9/9/2014 16:01:11	16.48	52.75	34.81	7.95	7.98	7.7	2.607	100.5	4.8	1.4	1.1
506	9/9/2014 16:16:11	16.71	52.68	34.76	8.01	7.98	7.5	2.481	101.7	3.4	1.0	0.8
507	9/9/2014 16:31:11	16.92	52.84	34.88	8.01	7.98	7.0	2.348	102.2	4.8	1.4	1.1
508	9/9/2014 16:46:11	16.54	52.73	34.80	8.19	7.99	6.6	2.219	103.6	4.3	1.3	1.0
509	9/9/2014 17:01:11	16.36	52.72	34.79	8.30	8.00	5.8	2.087	104.6	5.2	1.6	1.2
510	9/9/2014 17:16:11	16.41	52.76	34.82	8.34	8.00	6.0	1.969	105.3	4.6	1.4	1.1
511	9/9/2014 17:31:11	16.62	52.73	34.80	8.37	8.00	6.0	1.842	106.0	5.1	1.5	1.2
512	9/9/2014 17:46:11	16.87	52.71	34.79	8.38	8.00	5.9	1.722	106.7	5.0	1.5	1.2
513	9/9/2014 18:01:11	17.06	52.84	34.89	8.37	8.01	6.4	1.622	107.0	4.7	1.4	1.1
514	9/9/2014 18:16:11	17.21	52.87	34.91	8.41	8.01	6.0	1.525	107.9	4.5	1.4	1.1
515	9/9/2014 18:31:11	17.23	52.87	34.91	8.35	8.01	5.3	1.459	107.1	4.7	1.4	1.1
516	9/9/2014 18:46:11	17.29	52.78	34.85	8.32	8.01	5.0	1.404	106.9	4.6	1.4	1.1
517	9/9/2014 19:01:11	17.42	52.91	34.94	8.34	8.01	4.7	1.391	107.4	4.7	1.4	1.1
518	9/9/2014 19:16:11	17.22	52.78	34.84	8.38	8.00	4.8	1.417	107.4	4.7	1.4	1.1
519	9/9/2014 19:31:11	17.50	53.08	35.07	8.60	8.02	5.0	1.445	111.0	4.9	1.5	1.1
520	9/9/2014 19:46:11	17.71	53.05	35.05	8.49	8.02	5.4	1.522	110.0	5.4	1.6	1.3
521	9/9/2014 20:01:11	18.23	53.18	35.15	8.74	8.04	6.0	1.617	114.5	5.6	1.7	1.3
522	9/9/2014 20:16:11	18.16	53.04	35.05	8.42	8.01	7.0	1.727	110.1	5.4	1.6	1.3
523	9/9/2014 20:31:11	18.51	53.08	35.08	7.83	7.95	9.2	1.835	103.1	5.5	1.7	1.3
524	9/9/2014 20:46:11	17.91	53.01	35.02	7.92	7.96	8.1	1.950	103.0	5.3	1.6	1.2
525	9/9/2014 21:01:11	17.77	52.93	34.96	7.95	7.96	6.7	2.056	103.1	5.2	1.6	1.2
526	9/9/2014 21:16:11	17.78	52.99	35.01	7.95	7.97	6.5	2.166	103.1	5.3	1.6	1.2
527	9/9/2014 21:31:11	17.57	53.06	35.05	7.95	7.97	7.2	2.271	102.8	5.4	1.6	1.3
528	9/9/2014 21:46:11	17.32	52.97	34.99	7.71	7.95	6.4	2.366	99.1	5.2	1.6	1.2
529	9/9/2014 22:01:11	17.07	52.91	34.94	7.62	7.94	6.9	2.474	97.5	5.0	1.5	1.2
530	9/9/2014 22:16:11	16.76	52.75	34.82	7.64	7.94	7.5	2.575	97.1	5.8	1.7	1.4
531	9/9/2014 22:31:11	16.54	52.70	34.78	7.67	7.95	8.4	2.674	97.0	5.5	1.7	1.3
532	9/9/2014 22:46:11	16.33	52.69	34.76	7.69	7.95	9.2	2.784	96.9	6.1	1.8	1.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
533	9/9/2014 23:01:11	16.00	52.61	34.70	7.80	7.95	10.5	2.891	97.5	6.0	1.8	1.4
534	9/9/2014 23:16:11	15.45	52.50	34.61	7.90	7.96	9.9	2.996	97.7	6.8	2.0	1.6
535	9/9/2014 23:31:11	15.10	52.40	34.53	7.94	7.97	11.6	3.106	97.5	7.0	2.1	1.7
536	9/9/2014 23:46:11	14.72	52.30	34.44	8.03	7.98	10.2	3.216	97.8	6.6	2.0	1.6
537	9/10/2014 0:01:11	14.43	52.36	34.48	8.17	7.99	8.3	3.323	98.9	6.3	1.9	1.5
538	9/10/2014 0:16:12	14.32	52.37	34.48	8.21	7.99	7.2	3.419	99.3	6.6	2.0	1.6
539	9/10/2014 0:31:11	14.22	52.31	34.43	8.23	7.99	6.4	3.512	99.3	6.5	2.0	1.5
540	9/10/2014 0:46:11	13.84	52.18	34.33	8.38	8.01	5.0	3.591	100.2	7.7	2.3	1.8
541	9/10/2014 1:01:11	13.85	52.04	34.22	8.30	8.00	3.6	3.649	99.3	6.4	1.9	1.5
542	9/10/2014 1:16:11	13.95	52.34	34.45	8.10	7.99	3.6	3.690	97.1	6.2	1.9	1.4
543	9/10/2014 1:31:11	14.42	52.48	34.57	7.81	7.97	4.5	3.701	94.6	5.1	1.5	1.2
544	9/10/2014 1:46:11	14.24	52.43	34.53	7.89	7.98	4.5	3.684	95.3	5.2	1.6	1.2
545	9/10/2014 2:01:11	14.51	52.38	34.49	7.79	7.97	6.1	3.642	94.6	5.9	1.8	1.4
546	9/10/2014 2:16:11	14.29	52.37	34.48	8.04	7.98	5.8	3.557	97.1	5.9	1.8	1.4
547	9/10/2014 2:31:12	14.08	52.40	34.50	8.10	7.99	6.8	3.463	97.4	6.2	1.9	1.5
548	9/10/2014 2:46:11	13.89	52.39	34.48	8.19	8.00	5.8	3.357	98.1	7.0	2.1	1.6
549	9/10/2014 3:01:11	14.54	52.55	34.62	7.99	7.98	7.1	3.214	97.0	5.6	1.7	1.3
550	9/10/2014 3:16:12	14.70	52.48	34.58	7.87	7.97	7.0	3.095	95.9	5.2	1.6	1.2
551	9/10/2014 3:31:12	14.95	52.60	34.67	7.85	7.97	7.4	2.958	96.2	5.8	1.7	1.4
552	9/10/2014 3:46:11	15.37	52.43	34.55	7.68	7.96	7.7	2.825	94.9	5.4	1.6	1.3
553	9/10/2014 4:01:11	15.82	52.78	34.82	7.47	7.94	7.6	2.694	93.2	5.2	1.6	1.2
554	9/10/2014 4:16:11	16.38	52.82	34.86	7.17	7.92	8.9	2.568	90.5	4.3	1.3	1.0
555	9/10/2014 4:31:11	16.40	52.85	34.89	7.18	7.92	8.4	2.428	90.6	4.5	1.4	1.1
556	9/10/2014 4:46:11	16.24	52.90	34.92	7.30	7.93	8.6	2.297	91.9	4.2	1.3	1.0
557	9/10/2014 5:01:12	15.94	52.78	34.82	7.37	7.93	9.1	2.153	92.2	5.1	1.5	1.2
558	9/10/2014 5:16:11	15.61	52.67	34.74	7.38	7.93	9.6	2.007	91.6	5.1	1.5	1.2
559	9/10/2014 5:31:11	15.73	52.73	34.79	7.42	7.94	8.6	1.882	92.5	4.9	1.5	1.1
560	9/10/2014 5:46:11	15.88	52.81	34.85	7.31	7.93	8.6	1.742	91.4	4.8	1.4	1.1
561	9/10/2014 6:01:11	16.15	52.75	34.81	7.24	7.92	7.6	1.614	91.0	5.0	1.5	1.2
562	9/10/2014 6:16:11	16.20	52.72	34.79	7.21	7.92	8.0	1.505	90.6	4.9	1.5	1.2
563	9/10/2014 6:31:11	16.44	52.93	34.95	7.13	7.91	6.7	1.399	90.1	4.7	1.4	1.1
564	9/10/2014 6:46:11	16.59	52.81	34.86	7.10	7.91	7.3	1.301	90.0	4.4	1.3	1.0
565	9/10/2014 7:01:11	16.80	52.86	34.90	7.09	7.91	7.9	1.268	90.3	4.0	1.2	0.9
566	9/10/2014 7:16:11	16.81	52.89	34.92	7.03	7.91	6.5	1.235	89.5	4.2	1.3	1.0
567	9/10/2014 7:31:11	16.58	52.89	34.92	7.03	7.90	6.2	1.240	89.1	3.7	1.1	0.9
568	9/10/2014 7:46:11	16.81	52.92	34.94	7.12	7.91	5.3	1.303	90.6	4.4	1.3	1.0
569	9/10/2014 8:01:11	16.95	52.89	34.92	7.16	7.92	5.1	1.366	91.4	4.4	1.3	1.0
570	9/10/2014 8:16:11	17.09	52.87	34.91	7.28	7.93	5.6	1.463	93.2	4.3	1.3	1.0
571	9/10/2014 8:31:11	17.07	53.09	35.07	7.28	7.93	5.7	1.574	93.2	4.3	1.3	1.0
572	9/10/2014 8:46:11	17.01	52.85	34.90	7.34	7.93	6.1	1.686	93.7	4.1	1.2	1.0
573	9/10/2014 9:01:11	16.64	53.03	35.02	7.29	7.92	5.9	1.801	92.5	4.4	1.3	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
574	9/10/2014 9:16:12	16.45	52.92	34.94	7.31	7.92	5.6	1.920	92.4	4.6	1.4	1.1
575	9/10/2014 9:31:11	16.58	52.85	34.89	7.34	7.92	5.6	2.032	93.0	4.4	1.3	1.0
576	9/10/2014 9:46:11	16.68	52.97	34.98	7.32	7.92	5.7	2.141	93.0	4.1	1.2	1.0
577	9/10/2014 10:01:11	16.72	52.83	34.88	7.28	7.92	6.1	2.256	92.4	4.2	1.3	1.0
578	9/10/2014 10:16:11	16.59	52.68	34.76	7.24	7.91	6.7	2.366	91.7	4.5	1.4	1.1
579	9/10/2014 10:31:11	16.44	52.79	34.84	7.25	7.91	8.4	2.481	91.5	4.4	1.3	1.0
580	9/10/2014 10:46:11	16.23	52.72	34.78	7.32	7.92	9.9	2.584	92.0	4.6	1.4	1.1
581	9/10/2014 11:01:11	16.03	52.77	34.82	7.40	7.92	10.6	2.700	92.7	4.8	1.4	1.1
582	9/10/2014 11:16:12	15.67	52.80	34.83	7.51	7.93	11.7	2.816	93.4	4.9	1.5	1.1
583	9/10/2014 11:31:11	15.27	52.63	34.70	7.63	7.94	13.7	2.931	94.1	5.2	1.6	1.2
584	9/10/2014 11:46:11	14.60	52.38	34.50	7.74	7.95	13.3	3.046	94.1	5.1	1.5	1.2
585	9/10/2014 12:01:11	14.42	52.44	34.54	7.78	7.95	13.3	3.160	94.3	6.0	1.8	1.4
586	9/10/2014 12:16:11	14.15	52.38	34.48	7.77	7.95	13.7	3.273	93.5	5.9	1.8	1.4
587	9/10/2014 12:31:11	13.91	52.25	34.38	7.78	7.95	9.1	3.385	93.2	4.8	1.4	1.1
588	9/10/2014 12:46:11	13.75	52.37	34.46	7.77	7.96	10.0	3.485	92.9	5.2	1.6	1.2
589	9/10/2014 13:01:11	13.40	52.12	34.26	7.85	7.96	7.5	3.577	93.0	5.1	1.5	1.2
590	9/10/2014 13:16:10	13.24	52.18	34.30	7.79	7.96	5.6	3.653	92.0	5.4	1.6	1.3
591	9/10/2014 13:31:11	13.07	52.28	34.37	7.69	7.95	3.3	3.712	90.6	5.5	1.7	1.3
592	9/10/2014 13:46:11	13.30	52.07	34.23	7.71	7.96	3.2	3.747	91.1	5.1	1.5	1.2
593	9/10/2014 14:01:11	14.02	52.25	34.38	7.71	7.96	3.9	3.761	92.6	5.4	1.6	1.3
594	9/10/2014 14:16:11	13.15	52.37	34.44	7.55	7.95	3.9	3.751	89.1	4.0	1.2	0.9
595	9/10/2014 14:31:11	13.34	52.19	34.31	7.59	7.95	3.7	3.693	89.8	4.4	1.3	1.0
596	9/10/2014 14:46:11	13.47	52.35	34.43	7.71	7.95	4.7	3.610	91.5	4.3	1.3	1.0
597	9/10/2014 15:01:11	13.68	52.18	34.32	7.88	7.97	6.5	3.506	93.9	4.8	1.4	1.1
598	9/10/2014 15:16:11	13.86	52.39	34.48	8.05	7.98	5.0	3.395	96.4	5.1	1.5	1.2
599	9/10/2014 15:31:11	14.92	52.46	34.57	8.14	7.99	6.8	3.264	99.6	5.8	1.7	1.4
600	9/10/2014 15:46:11	15.11	52.40	34.53	8.19	7.99	8.7	3.131	100.6	5.7	1.7	1.3
601	9/10/2014 16:01:11	15.07	52.52	34.62	8.21	7.99	7.9	3.004	100.8	6.0	1.8	1.4
602	9/10/2014 16:16:11	15.38	52.54	34.64	8.24	7.99	7.6	2.879	101.8	5.6	1.7	1.3
603	9/10/2014 16:31:11	15.86	52.32	34.48	8.30	8.00	7.2	2.746	103.5	5.2	1.6	1.2
604	9/10/2014 16:46:11	16.28	52.64	34.73	8.37	8.00	7.1	2.611	105.4	4.4	1.3	1.0
605	9/10/2014 17:01:11	16.40	52.72	34.79	8.45	8.00	6.5	2.482	106.6	4.6	1.4	1.1
606	9/10/2014 17:16:11	16.56	52.57	34.68	8.47	8.00	8.3	2.341	107.1	4.4	1.3	1.0
607	9/10/2014 17:31:11	16.19	52.63	34.72	8.48	8.01	6.5	2.206	106.5	4.8	1.4	1.1
608	9/10/2014 17:46:11	16.31	52.62	34.71	8.52	8.01	6.6	2.074	107.3	5.4	1.6	1.3
609	9/10/2014 18:01:11	16.20	52.67	34.75	8.58	8.01	6.0	1.938	107.8	5.2	1.6	1.2
610	9/10/2014 18:16:11	16.56	52.46	34.60	8.61	8.02	6.4	1.815	108.8	5.1	1.5	1.2
611	9/10/2014 18:31:11	16.86	52.65	34.75	8.59	8.02	6.8	1.691	109.3	5.4	1.6	1.3
612	9/10/2014 18:46:11	16.92	52.69	34.77	8.65	8.02	6.1	1.582	110.2	5.2	1.6	1.2
613	9/10/2014 19:01:11	17.16	52.78	34.85	8.66	8.02	6.0	1.466	110.9	5.0	1.5	1.2
614	9/10/2014 19:16:11	17.14	52.82	34.88	8.70	8.03	5.9	1.385	111.4	4.8	1.4	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
615	9/10/2014 19:31:11	17.41	52.85	34.90	8.68	8.02	5.8	1.348	111.8	5.4	1.6	1.3
616	9/10/2014 19:46:11	17.43	52.96	34.98	8.65	8.02	5.3	1.314	111.5	5.3	1.6	1.2
617	9/10/2014 20:01:11	17.28	52.45	34.60	8.56	8.02	5.0	1.315	109.7	5.3	1.6	1.2
618	9/10/2014 20:16:11	17.88	53.02	35.03	8.89	8.05	5.0	1.341	115.6	5.8	1.7	1.4
619	9/10/2014 20:31:11	17.77	52.88	34.93	8.90	8.04	5.0	1.413	115.3	6.2	1.9	1.5
620	9/10/2014 20:46:11	18.25	53.14	35.12	9.24	8.07	5.7	1.506	121.0	6.0	1.8	1.4
621	9/10/2014 21:01:11	18.13	53.06	35.06	9.12	8.06	5.9	1.600	119.1	6.2	1.9	1.5
622	9/10/2014 21:16:11	18.50	53.08	35.08	8.38	7.99	8.7	1.704	110.2	5.8	1.7	1.4
623	9/10/2014 21:31:11	18.07	52.87	34.92	8.33	7.99	8.3	1.832	108.6	6.3	1.9	1.5
624	9/10/2014 21:46:11	17.83	52.89	34.94	8.31	7.99	6.8	1.942	107.9	6.0	1.8	1.4
625	9/10/2014 22:01:11	17.86	53.07	35.07	8.32	7.99	6.7	2.040	108.2	5.0	1.5	1.2
626	9/10/2014 22:16:11	17.84	52.94	34.97	8.36	7.99	6.3	2.148	108.6	5.7	1.7	1.3
627	9/10/2014 22:31:11	17.50	52.96	34.99	8.19	7.98	5.7	2.254	105.6	5.3	1.6	1.3
628	9/10/2014 22:46:11	17.32	52.83	34.88	8.05	7.97	6.2	2.356	103.4	5.4	1.6	1.3
629	9/10/2014 23:01:11	17.06	52.78	34.84	7.96	7.96	7.0	2.451	101.8	5.7	1.7	1.3
630	9/10/2014 23:16:11	16.76	52.67	34.76	7.98	7.96	7.7	2.557	101.4	5.9	1.8	1.4
631	9/10/2014 23:31:11	16.59	52.56	34.68	7.99	7.96	8.6	2.661	101.1	5.8	1.7	1.4
632	9/10/2014 23:46:11	16.42	52.70	34.77	7.97	7.96	10.8	2.763	100.5	5.2	1.6	1.2
633	9/11/2014 0:01:11	15.89	52.65	34.73	8.01	7.96	12.4	2.868	100.0	6.6	2.0	1.5
634	9/11/2014 0:16:11	15.20	52.52	34.61	7.92	7.96	10.9	2.973	97.5	6.3	1.9	1.5
635	9/11/2014 0:31:11	14.78	52.39	34.51	7.87	7.95	9.8	3.073	96.0	5.9	1.8	1.4
636	9/11/2014 0:46:11	14.53	52.42	34.52	7.88	7.95	9.9	3.180	95.7	5.8	1.7	1.4
637	9/11/2014 1:01:11	14.31	52.25	34.39	7.85	7.96	10.4	3.278	94.9	5.9	1.8	1.4
638	9/11/2014 1:16:11	14.18	52.35	34.46	7.83	7.96	8.1	3.371	94.3	5.8	1.7	1.4
639	9/11/2014 1:31:11	13.85	52.42	34.50	7.80	7.95	7.1	3.446	93.4	5.2	1.6	1.2
640	9/11/2014 1:46:11	13.69	52.37	34.46	7.70	7.95	5.6	3.513	91.9	5.0	1.5	1.2
641	9/11/2014 2:01:11	13.56	52.39	34.47	7.63	7.95	3.7	3.563	90.8	5.5	1.7	1.3
642	9/11/2014 2:16:11	13.89	52.51	34.57	7.43	7.93	3.2	3.578	89.1	4.5	1.4	1.1
643	9/11/2014 2:31:11	13.96	52.32	34.43	7.40	7.93	4.5	3.589	88.7	4.8	1.4	1.1
644	9/11/2014 2:46:11	13.90	52.36	34.46	7.44	7.93	4.8	3.557	89.1	3.8	1.1	0.9
645	9/11/2014 3:01:11	14.17	52.35	34.46	7.61	7.94	6.5	3.495	91.7	4.7	1.4	1.1
646	9/11/2014 3:16:11	14.18	52.43	34.52	7.60	7.94	7.3	3.412	91.6	4.6	1.4	1.1
647	9/11/2014 3:31:11	14.06	52.48	34.55	7.59	7.94	6.1	3.304	91.3	4.9	1.5	1.2
648	9/11/2014 3:46:11	14.29	52.35	34.47	7.65	7.94	6.6	3.192	92.4	5.1	1.5	1.2
649	9/11/2014 4:01:11	14.85	52.46	34.56	7.55	7.94	7.6	3.071	92.3	5.1	1.5	1.2
650	9/11/2014 4:16:11	14.95	52.56	34.64	7.58	7.94	7.3	2.945	92.8	4.7	1.4	1.1
651	9/11/2014 4:31:11	15.11	52.42	34.54	7.57	7.94	7.0	2.830	92.9	5.4	1.6	1.3
652	9/11/2014 4:46:11	15.63	52.66	34.73	7.46	7.93	7.4	2.705	92.8	4.5	1.4	1.1
653	9/11/2014 5:01:11	16.15	52.72	34.79	7.41	7.93	7.8	2.593	93.1	4.2	1.3	1.0
654	9/11/2014 5:16:11	16.10	52.74	34.80	7.46	7.93	7.9	2.468	93.5	4.6	1.4	1.1
655	9/11/2014 5:31:11	16.38	52.78	34.83	7.40	7.92	8.7	2.338	93.4	4.8	1.4	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
656	9/11/2014 5:46:11	16.15	52.76	34.81	7.28	7.91	8.7	2.217	91.5	4.6	1.4	1.1
657	9/11/2014 6:01:11	16.24	52.62	34.71	7.51	7.93	8.0	2.091	94.4	4.6	1.4	1.1
658	9/11/2014 6:16:12	15.91	52.64	34.72	7.48	7.93	7.5	1.975	93.4	4.8	1.4	1.1
659	9/11/2014 6:31:11	15.96	52.81	34.85	7.46	7.93	7.4	1.856	93.4	4.7	1.4	1.1
660	9/11/2014 6:46:12	15.91	52.70	34.77	7.43	7.92	7.5	1.745	92.8	4.5	1.4	1.1
661	9/11/2014 7:01:11	16.08	52.60	34.69	7.39	7.92	7.0	1.645	92.7	4.5	1.4	1.1
662	9/11/2014 7:16:11	16.12	52.66	34.74	7.36	7.91	6.5	1.562	92.3	4.3	1.3	1.0
663	9/11/2014 7:31:11	16.23	52.83	34.87	7.30	7.91	7.5	1.486	91.9	4.6	1.4	1.1
664	9/11/2014 7:46:11	16.52	52.84	34.88	7.33	7.92	6.0	1.440	92.7	4.3	1.3	1.0
665	9/11/2014 8:01:11	16.72	52.89	34.92	7.29	7.92	6.2	1.427	92.7	3.9	1.2	0.9
666	9/11/2014 8:16:11	16.53	52.92	34.94	7.29	7.91	5.4	1.424	92.3	5.0	1.5	1.2
667	9/11/2014 8:31:11	16.84	52.76	34.83	7.42	7.92	5.6	1.470	94.4	5.2	1.6	1.2
668	9/11/2014 8:46:11	17.00	52.76	34.83	7.46	7.93	4.8	1.533	95.2	4.8	1.4	1.1
669	9/11/2014 9:01:11	17.16	52.97	34.99	7.60	7.95	4.8	1.619	97.4	5.4	1.6	1.3
670	9/11/2014 9:16:11	17.12	52.89	34.93	7.60	7.95	5.9	1.724	97.3	4.9	1.5	1.2
671	9/11/2014 9:31:11	17.01	52.87	34.91	7.62	7.95	6.5	1.838	97.4	5.2	1.6	1.2
672	9/11/2014 9:46:11	16.68	52.83	34.87	7.58	7.94	6.0	1.953	96.2	4.5	1.4	1.1
673	9/11/2014 10:01:12	16.58	52.85	34.89	7.57	7.93	5.3	2.062	95.9	4.6	1.4	1.1
674	9/11/2014 10:16:12	16.59	52.82	34.87	7.57	7.94	5.1	2.173	96.0	5.3	1.6	1.2
675	9/11/2014 10:31:11	16.68	52.86	34.90	7.55	7.93	6.1	2.280	95.8	5.0	1.5	1.2
676	9/11/2014 10:46:11	16.64	52.64	34.74	7.52	7.93	5.8	2.384	95.3	4.6	1.4	1.1
677	9/11/2014 11:01:11	16.46	52.82	34.86	7.49	7.92	6.7	2.485	94.7	4.4	1.3	1.0
678	9/11/2014 11:16:11	16.22	52.77	34.83	7.50	7.92	8.4	2.593	94.4	4.8	1.4	1.1
679	9/11/2014 11:31:11	16.02	52.52	34.64	7.52	7.93	8.8	2.705	94.1	4.7	1.4	1.1
680	9/11/2014 11:46:11	15.82	52.60	34.69	7.54	7.93	11.6	2.812	94.1	4.7	1.4	1.1
681	9/11/2014 12:01:11	15.31	52.38	34.52	7.63	7.93	11.6	2.923	94.0	4.8	1.4	1.1
682	9/11/2014 12:16:11	14.75	52.22	34.39	7.63	7.93	13.2	3.038	92.9	4.9	1.5	1.1
683	9/11/2014 12:31:11	14.26	52.27	34.40	7.59	7.93	12.6	3.155	91.6	5.2	1.6	1.2
684	9/11/2014 12:46:11	13.94	52.30	34.42	7.57	7.93	10.1	3.262	90.8	4.7	1.4	1.1
685	9/11/2014 13:01:11	13.74	52.36	34.46	7.47	7.93	11.1	3.375	89.3	4.9	1.5	1.2
686	9/11/2014 13:16:11	13.61	52.36	34.45	7.40	7.92	9.9	3.485	88.1	4.2	1.3	1.0
687	9/11/2014 13:31:12	13.35	52.39	34.46	7.41	7.93	8.7	3.582	87.8	4.4	1.3	1.0
688	9/11/2014 13:46:11	13.19	52.05	34.21	7.44	7.93	10.8	3.658	87.8	4.7	1.4	1.1
689	9/11/2014 14:01:11	13.03	52.36	34.43	7.46	7.93	4.2	3.729	87.8	4.6	1.4	1.1
690	9/11/2014 14:16:11	12.92	52.07	34.21	7.40	7.93	3.6	3.789	86.8	4.3	1.3	1.0
691	9/11/2014 14:31:11	12.82	52.36	34.42	7.36	7.92	3.1	3.808	86.3	4.3	1.3	1.0
692	9/11/2014 14:46:11	13.76	52.23	34.36	7.47	7.93	4.2	3.808	89.3	4.0	1.2	0.9
693	9/11/2014 15:01:11	13.07	52.16	34.28	7.27	7.92	4.3	3.788	85.6	3.2	1.0	0.8
694	9/11/2014 15:16:11	13.42	52.28	34.39	7.40	7.93	4.2	3.733	87.7	3.7	1.1	0.9
695	9/11/2014 15:31:11	13.50	52.13	34.27	7.47	7.93	4.1	3.646	88.6	4.2	1.3	1.0
696	9/11/2014 15:46:11	13.59	52.24	34.36	7.56	7.94	5.9	3.537	90.0	4.4	1.3	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
697	9/11/2014 16:01:11	13.77	52.30	34.41	7.66	7.95	4.8	3.420	91.5	3.2	1.0	0.7
698	9/11/2014 16:16:11	15.04	52.34	34.48	7.89	7.97	6.8	3.301	96.7	4.8	1.4	1.1
699	9/11/2014 16:31:11	14.99	52.47	34.58	7.99	7.97	8.9	3.180	97.9	5.1	1.5	1.2
700	9/11/2014 16:46:11	14.96	52.30	34.45	8.06	7.97	6.8	3.047	98.6	4.6	1.4	1.1
701	9/11/2014 17:01:11	15.25	52.36	34.50	8.17	7.98	6.9	2.910	100.6	4.8	1.4	1.1
702	9/11/2014 17:16:12	15.53	52.50	34.61	8.24	7.99	7.3	2.787	102.2	5.2	1.6	1.2
703	9/11/2014 17:31:11	15.80	52.40	34.54	8.35	7.99	6.4	2.655	104.0	4.5	1.4	1.1
704	9/11/2014 17:46:11	16.42	52.62	34.72	8.46	8.00	7.0	2.522	106.7	4.3	1.3	1.0
705	9/11/2014 18:01:11	16.55	52.47	34.61	8.46	8.00	7.5	2.391	107.0	4.6	1.4	1.1
706	9/11/2014 18:16:11	16.25	52.57	34.68	8.35	8.00	6.7	2.256	105.0	4.5	1.4	1.1
707	9/11/2014 18:31:11	16.34	52.54	34.66	8.42	8.00	7.0	2.129	106.0	4.8	1.4	1.1
708	9/11/2014 18:46:11	16.17	52.47	34.60	8.52	8.00	6.4	1.990	106.9	4.8	1.4	1.1
709	9/11/2014 19:01:11	16.34	52.62	34.72	8.59	8.01	6.0	1.862	108.2	4.8	1.4	1.1
710	9/11/2014 19:16:11	16.61	52.69	34.77	8.60	8.01	6.1	1.737	109.0	5.3	1.6	1.2
711	9/11/2014 19:31:11	16.78	52.73	34.80	8.59	8.02	6.4	1.616	109.1	5.5	1.7	1.3
712	9/11/2014 19:46:11	16.92	52.61	34.71	8.70	8.02	6.3	1.517	110.8	5.0	1.5	1.2
713	9/11/2014 20:01:11	17.00	52.70	34.78	8.69	8.02	6.8	1.419	110.9	6.0	1.8	1.4
714	9/11/2014 20:16:11	17.11	52.75	34.82	8.65	8.02	6.0	1.363	110.6	5.4	1.6	1.3
715	9/11/2014 20:31:11	17.42	52.66	34.76	8.73	8.03	6.1	1.324	112.4	5.4	1.6	1.3
716	9/11/2014 20:46:12	17.61	52.74	34.82	8.73	8.03	4.7	1.321	112.7	5.9	1.8	1.4
717	9/11/2014 21:01:11	17.78	52.80	34.86	8.94	8.05	25.2	1.349	115.8	5.9	1.8	1.4
718	9/11/2014 21:16:11	18.14	52.90	34.94	9.23	8.07	5.0	1.371	120.5	6.4	1.9	1.5
719	9/11/2014 21:31:11	18.07	52.99	35.01	9.21	8.07	5.1	1.477	120.1	6.4	1.9	1.5
720	9/11/2014 21:46:11	18.13	52.78	34.85	9.29	8.07	5.4	1.565	121.2	6.1	1.8	1.4
721	9/11/2014 22:01:11	18.15	52.88	34.93	8.86	8.04	6.8	1.653	115.7	6.1	1.8	1.4
722	9/11/2014 22:16:11	18.34	52.69	34.79	8.35	7.99	8.1	1.767	109.3	5.7	1.7	1.3
723	9/11/2014 22:31:11	17.96	52.91	34.95	8.40	7.99	6.8	1.877	109.3	6.0	1.8	1.4
724	9/11/2014 22:46:11	17.86	52.80	34.87	8.41	8.00	6.5	1.985	109.2	5.6	1.7	1.3
725	9/11/2014 23:01:11	17.91	52.76	34.84	8.42	8.00	6.6	2.086	109.4	5.0	1.5	1.2
726	9/11/2014 23:16:11	17.65	52.86	34.91	8.45	8.00	6.1	2.186	109.3	5.8	1.7	1.4
727	9/11/2014 23:31:11	17.32	52.69	34.78	8.22	7.98	5.4	2.280	105.5	5.2	1.6	1.2
728	9/11/2014 23:46:11	17.19	52.74	34.81	8.11	7.97	5.9	2.378	103.9	5.2	1.6	1.2
729	9/12/2014 0:01:11	17.04	52.68	34.77	8.03	7.96	6.5	2.472	102.6	5.4	1.6	1.3
730	9/12/2014 0:16:11	16.79	52.59	34.70	8.01	7.96	7.2	2.564	101.8	5.4	1.6	1.3
731	9/12/2014 0:31:11	16.56	52.54	34.66	7.99	7.96	6.8	2.667	101.0	5.6	1.7	1.3
732	9/12/2014 0:46:11	16.35	52.40	34.55	7.96	7.96	8.4	2.766	100.2	5.7	1.7	1.3
733	9/12/2014 1:01:11	15.97	52.53	34.64	7.91	7.95	9.4	2.858	98.9	5.0	1.5	1.2
734	9/12/2014 1:16:11	15.31	52.50	34.61	7.85	7.95	8.6	2.959	96.8	5.6	1.7	1.3
735	9/12/2014 1:31:11	14.83	52.43	34.54	7.81	7.95	7.8	3.053	95.4	4.9	1.5	1.2
736	9/12/2014 1:46:12	14.59	52.29	34.43	7.81	7.95	7.6	3.147	94.9	4.8	1.4	1.1
737	9/12/2014 2:01:11	14.44	52.15	34.32	7.78	7.95	7.0	3.235	94.2	4.7	1.4	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
738	9/12/2014 2:16:11	14.32	52.17	34.34	7.75	7.95	6.0	3.314	93.6	4.4	1.3	1.0
739	9/12/2014 2:31:11	14.18	52.24	34.38	7.75	7.95	5.0	3.389	93.4	4.8	1.4	1.1
740	9/12/2014 2:46:11	14.10	52.30	34.42	7.89	7.96	3.7	3.439	94.8	5.1	1.5	1.2
741	9/12/2014 3:01:11	14.22	52.48	34.56	7.88	7.96	3.6	3.467	95.0	5.7	1.7	1.3
742	9/12/2014 3:16:12	14.96	52.41	34.53	7.56	7.94	5.0	3.497	92.6	4.4	1.3	1.0
743	9/12/2014 3:31:11	14.62	52.22	34.38	7.49	7.93	4.5	3.485	91.0	3.9	1.2	0.9
744	9/12/2014 3:46:11	14.64	52.18	34.35	7.72	7.95	4.4	3.440	93.8	3.8	1.1	0.9
745	9/12/2014 4:01:11	14.67	52.20	34.37	7.64	7.94	7.0	3.379	92.9	4.2	1.3	1.0
746	9/12/2014 4:16:11	14.67	52.28	34.42	7.54	7.93	7.3	3.303	91.8	4.6	1.4	1.1
747	9/12/2014 4:31:11	14.32	52.09	34.28	7.68	7.95	7.0	3.205	92.7	4.7	1.4	1.1
748	9/12/2014 4:46:11	14.42	52.24	34.39	7.64	7.94	6.7	3.095	92.5	4.8	1.4	1.1
749	9/12/2014 5:01:12	15.31	52.48	34.59	7.45	7.93	6.7	2.983	91.9	4.5	1.4	1.1
750	9/12/2014 5:16:11	15.46	52.11	34.32	7.43	7.93	6.7	2.876	91.8	4.1	1.2	1.0
751	9/12/2014 5:31:11	15.58	52.47	34.59	7.44	7.93	6.5	2.767	92.3	3.8	1.1	0.9
752	9/12/2014 5:46:11	16.01	52.51	34.63	7.41	7.93	7.2	2.658	92.7	4.4	1.3	1.0
753	9/12/2014 6:01:11	16.24	52.57	34.68	7.36	7.92	6.4	2.547	92.5	4.3	1.3	1.0
754	9/12/2014 6:16:11	16.50	52.64	34.74	7.30	7.92	7.3	2.450	92.2	4.3	1.3	1.0
755	9/12/2014 6:31:12	16.44	52.66	34.75	7.34	7.92	6.8	2.349	92.7	4.7	1.4	1.1
756	9/12/2014 6:46:12	16.49	52.61	34.71	7.34	7.92	6.9	2.231	92.7	4.5	1.4	1.0
757	9/12/2014 7:01:11	16.53	52.68	34.76	7.32	7.92	7.0	2.138	92.5	3.9	1.2	0.9
758	9/12/2014 7:16:11	16.22	52.52	34.64	7.30	7.91	6.7	2.048	91.7	3.6	1.1	0.8
759	9/12/2014 7:31:11	16.18	52.60	34.70	7.32	7.92	5.4	1.961	91.9	3.8	1.1	0.9
760	9/12/2014 7:46:11	16.10	52.69	34.76	7.39	7.92	5.3	1.874	92.7	4.1	1.2	1.0
761	9/12/2014 8:01:11	16.28	52.65	34.74	7.34	7.92	5.3	1.792	92.4	3.8	1.1	0.9
762	9/12/2014 8:16:11	16.34	52.65	34.74	7.34	7.92	4.9	1.751	92.5	4.1	1.2	1.0
763	9/12/2014 8:31:12	16.55	52.70	34.77	7.30	7.92	4.9	1.718	92.4	3.6	1.1	0.9
764	9/12/2014 8:46:11	17.00	52.71	34.79	7.39	7.93	4.1	1.699	94.3	4.3	1.3	1.0
765	9/12/2014 9:01:12	16.72	52.55	34.67	7.33	7.92	4.7	1.709	93.0	5.0	1.5	1.2
766	9/12/2014 9:16:11	17.05	52.74	34.81	7.48	7.94	4.2	1.747	95.6	5.2	1.6	1.2
767	9/12/2014 9:31:12	17.19	52.65	34.75	7.60	7.95	4.2	1.805	97.3	5.1	1.5	1.2
768	9/12/2014 9:46:11	17.39	52.72	34.80	7.69	7.96	4.8	1.869	98.8	4.8	1.4	1.1
769	9/12/2014 10:01:11	17.30	52.64	34.74	7.70	7.95	5.1	1.967	98.9	4.8	1.4	1.1
770	9/12/2014 10:16:11	17.08	52.78	34.85	7.70	7.95	5.4	2.065	98.5	5.6	1.7	1.3
771	9/12/2014 10:31:11	16.82	52.70	34.78	7.62	7.94	5.7	2.167	97.0	5.0	1.5	1.2
772	9/12/2014 10:46:11	16.79	52.52	34.65	7.64	7.94	5.6	2.259	97.0	4.9	1.5	1.1
773	9/12/2014 11:01:11	16.85	52.56	34.68	7.64	7.93	5.4	2.357	97.2	4.0	1.2	0.9
774	9/12/2014 11:16:11	16.74	52.54	34.66	7.64	7.93	5.6	2.457	97.0	4.6	1.4	1.1
775	9/12/2014 11:31:12	16.55	52.64	34.73	7.65	7.93	5.4	2.555	96.8	4.2	1.3	1.0
776	9/12/2014 11:46:12	16.45	52.59	34.69	7.64	7.93	6.4	2.643	96.4	4.4	1.3	1.0
777	9/12/2014 12:01:12	16.25	52.60	34.70	7.67	7.93	6.4	2.739	96.5	4.5	1.4	1.0
778	9/12/2014 12:16:12	16.00	52.51	34.63	7.70	7.93	8.3	2.842	96.3	4.4	1.3	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
779	9/12/2014 12:31:11	15.81	52.28	34.45	7.77	7.93	8.6	2.938	96.7	4.5	1.4	1.1
780	9/12/2014 12:46:11	15.49	52.30	34.46	7.92	7.95	9.7	3.044	98.0	4.8	1.4	1.1
781	9/12/2014 13:01:12	15.26	52.35	34.49	8.14	7.97	9.0	3.148	100.3	5.1	1.5	1.2
782	9/12/2014 13:16:12	14.86	52.34	34.48	8.62	8.01	7.3	3.257	105.4	6.4	1.9	1.5
783	9/12/2014 13:31:11	14.68	52.21	34.37	8.83	8.03	7.3	3.365	107.4	6.7	2.0	1.6
784	9/12/2014 13:46:11	14.52	52.12	34.30	8.93	8.03	6.4	3.463	108.2	6.2	1.9	1.5
785	9/12/2014 14:01:11	14.44	52.00	34.21	9.05	8.05	4.7	3.552	109.5	6.7	2.0	1.6
786	9/12/2014 14:16:11	14.36	52.08	34.27	9.16	8.05	4.0	3.626	110.7	6.7	2.0	1.6
787	9/12/2014 14:31:11	14.29	52.06	34.25	9.25	8.06	3.4	3.703	111.6	7.3	2.2	1.7
788	9/12/2014 14:46:12	14.37	52.22	34.37	9.23	8.06	2.9	3.754	111.6	6.5	2.0	1.5
789	9/12/2014 15:01:12	14.36	52.15	34.32	9.23	8.07	3.0	3.785	111.6	6.5	2.0	1.5
790	9/12/2014 15:16:11	14.78	52.20	34.37	9.04	8.05	3.2	3.807	110.2	5.7	1.7	1.3
791	9/12/2014 15:31:12	14.63	52.11	34.30	8.96	8.04	2.6	3.800	108.9	4.3	1.3	1.0
792	9/12/2014 15:46:12	14.67	52.07	34.27	8.93	8.04	3.1	3.776	108.5	4.5	1.4	1.1
793	9/12/2014 16:01:11	14.54	52.08	34.27	9.10	8.05	3.0	3.708	110.3	4.6	1.4	1.1
794	9/12/2014 16:16:12	14.62	52.26	34.41	9.18	8.06	3.7	3.629	111.5	5.0	1.5	1.2
795	9/12/2014 16:31:11	14.65	52.16	34.34	9.35	8.07	3.7	3.530	113.6	6.1	1.8	1.4
796	9/12/2014 16:46:11	14.76	52.15	34.33	9.52	8.08	4.1	3.424	116.0	6.4	1.9	1.5
797	9/12/2014 17:01:12	15.58	52.41	34.54	9.24	8.06	6.2	3.302	114.6	7.0	2.1	1.6
798	9/12/2014 17:16:12	15.66	52.32	34.48	9.16	8.05	6.4	3.180	113.7	7.6	2.3	1.8
799	9/12/2014 17:31:12	15.64	52.32	34.48	9.15	8.05	5.7	3.064	113.5	6.3	1.9	1.5
800	9/12/2014 17:46:12	15.71	52.46	34.58	9.04	8.04	6.1	2.939	112.4	6.3	1.9	1.5
801	9/12/2014 18:01:12	16.01	52.39	34.54	8.93	8.03	6.4	2.814	111.7	5.7	1.7	1.3
802	9/12/2014 18:16:11	16.27	52.31	34.48	8.93	8.03	6.2	2.679	112.2	5.6	1.7	1.3
803	9/12/2014 18:31:11	16.71	52.36	34.53	8.92	8.03	6.4	2.556	113.0	4.9	1.5	1.2
804	9/12/2014 18:46:11	16.94	52.48	34.62	8.91	8.03	5.7	2.431	113.5	4.3	1.3	1.0
805	9/12/2014 19:01:11	16.57	52.36	34.53	8.94	8.03	6.2	2.297	113.0	5.9	1.8	1.4
806	9/12/2014 19:16:11	16.10	52.39	34.54	9.01	8.04	6.5	2.169	112.8	5.8	1.7	1.4
807	9/12/2014 19:31:11	16.32	52.47	34.60	8.92	8.03	5.9	2.042	112.2	5.6	1.7	1.3
808	9/12/2014 19:46:12	16.74	52.55	34.67	8.80	8.02	6.2	1.915	111.7	7.1	2.1	1.7
809	9/12/2014 20:01:12	16.75	52.47	34.61	8.73	8.02	6.0	1.793	110.8	6.2	1.9	1.5
810	9/12/2014 20:16:11	16.66	52.45	34.59	8.65	8.01	6.0	1.678	109.5	6.1	1.8	1.4
811	9/12/2014 20:31:11	17.09	52.63	34.73	8.62	8.02	6.3	1.582	110.1	5.7	1.7	1.3
812	9/12/2014 20:46:11	17.19	52.61	34.72	8.60	8.01	6.2	1.489	110.1	5.8	1.7	1.4
813	9/12/2014 21:01:11	17.42	52.66	34.76	8.59	8.01	6.2	1.413	110.6	5.9	1.8	1.4
814	9/12/2014 21:16:11	17.55	52.69	34.79	8.57	8.01	6.1	1.369	110.5	6.1	1.8	1.4
815	9/12/2014 21:31:11	17.90	52.54	34.67	8.71	8.03	5.1	1.359	113.1	6.3	1.9	1.5
816	9/12/2014 21:46:11	17.60	52.65	34.75	8.65	8.01	4.3	1.359	111.6	6.1	1.8	1.4
817	9/12/2014 22:01:11	18.29	52.89	34.94	9.15	8.07	5.3	1.404	119.8	6.6	2.0	1.5
818	9/12/2014 22:16:11	18.20	52.67	34.77	9.06	8.06	4.5	1.467	118.3	6.6	2.0	1.6
819	9/12/2014 22:31:11	18.37	52.85	34.90	9.25	8.07	5.0	1.545	121.3	5.6	1.7	1.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
820	9/12/2014 22:46:11	18.22	52.68	34.78	9.13	8.06	5.0	1.639	119.3	6.1	1.8	1.4
821	9/12/2014 23:01:11	18.43	52.84	34.90	8.55	8.01	6.9	1.737	112.2	6.2	1.9	1.5
822	9/12/2014 23:16:11	18.37	52.88	34.93	8.21	7.98	7.2	1.835	107.6	6.0	1.8	1.4
823	9/12/2014 23:31:11	18.03	52.77	34.85	8.31	7.99	6.2	1.934	108.3	6.1	1.8	1.4
824	9/12/2014 23:46:12	17.96	52.85	34.90	8.35	8.00	5.8	2.024	108.6	5.8	1.7	1.4
825	9/13/2014 0:01:11	17.96	52.77	34.84	8.43	8.00	6.1	2.123	109.6	5.5	1.7	1.3
826	9/13/2014 0:16:11	17.69	52.65	34.76	8.44	8.00	5.1	2.213	109.1	5.6	1.7	1.3
827	9/13/2014 0:31:11	17.48	52.71	34.80	8.28	7.98	4.8	2.299	106.7	5.5	1.7	1.3
828	9/13/2014 0:46:11	17.37	52.66	34.76	8.21	7.98	4.7	2.388	105.5	5.5	1.7	1.3
829	9/13/2014 1:01:11	17.24	52.64	34.74	8.16	7.97	5.0	2.476	104.6	5.2	1.6	1.2
830	9/13/2014 1:16:11	17.02	52.59	34.70	8.17	7.97	5.3	2.565	104.3	5.6	1.7	1.3
831	9/13/2014 1:31:11	16.88	52.51	34.64	8.21	7.98	5.3	2.651	104.4	5.4	1.6	1.3
832	9/13/2014 1:46:11	16.78	52.60	34.71	8.21	7.98	6.2	2.742	104.4	5.1	1.5	1.2
833	9/13/2014 2:01:12	16.42	52.44	34.59	8.34	7.99	6.5	2.828	105.2	6.1	1.8	1.4
834	9/13/2014 2:16:11	16.25	52.44	34.58	8.41	8.00	6.1	2.915	105.6	5.6	1.7	1.3
835	9/13/2014 2:31:11	15.86	52.32	34.48	8.57	8.01	5.9	2.994	106.8	6.7	2.0	1.6
836	9/13/2014 2:46:11	15.53	52.31	34.47	8.69	8.02	5.3	3.073	107.6	6.5	2.0	1.5
837	9/13/2014 3:01:11	15.42	52.14	34.34	8.71	8.03	4.5	3.155	107.5	6.4	1.9	1.5
838	9/13/2014 3:16:11	15.29	52.11	34.31	8.75	8.03	3.7	3.217	107.7	6.8	2.0	1.6
839	9/13/2014 3:31:11	15.20	51.94	34.19	8.79	8.04	4.0	3.276	107.9	6.7	2.0	1.6
840	9/13/2014 3:46:11	15.14	52.27	34.43	8.75	8.04	3.5	3.318	107.5	5.6	1.7	1.3
841	9/13/2014 4:01:11	15.83	52.27	34.45	8.02	7.99	4.5	3.339	99.9	5.3	1.6	1.2
842	9/13/2014 4:16:11	15.34	52.33	34.48	8.39	8.01	3.6	3.347	103.5	5.0	1.5	1.2
843	9/13/2014 4:31:12	15.16	52.20	34.38	8.62	8.02	3.4	3.321	105.8	4.9	1.5	1.2
844	9/13/2014 4:46:11	15.84	52.32	34.49	8.18	7.99	6.7	3.278	101.9	4.9	1.5	1.1
845	9/13/2014 5:01:11	15.51	52.23	34.41	8.37	8.00	5.9	3.212	103.5	4.9	1.5	1.1
846	9/13/2014 5:16:11	15.55	52.21	34.39	8.29	7.99	7.2	3.138	102.6	6.0	1.8	1.4
847	9/13/2014 5:31:11	15.27	52.19	34.37	8.55	8.02	6.2	3.044	105.3	5.6	1.7	1.3
848	9/13/2014 5:46:11	15.76	52.21	34.40	8.31	7.99	6.4	2.950	103.3	5.5	1.7	1.3
849	9/13/2014 6:01:12	16.06	52.44	34.58	8.05	7.98	6.5	2.855	100.8	5.2	1.6	1.2
850	9/13/2014 6:16:12	16.19	52.49	34.62	8.01	7.97	5.7	2.761	100.6	5.2	1.6	1.2
851	9/13/2014 6:31:12	16.36	52.41	34.56	7.85	7.96	6.0	2.676	98.8	4.6	1.4	1.1
852	9/13/2014 6:46:12	16.72	52.62	34.72	7.52	7.94	6.2	2.586	95.4	4.2	1.3	1.0
853	9/13/2014 7:01:12	16.95	52.60	34.71	7.23	7.91	6.5	2.489	92.2	4.0	1.2	0.9
854	9/13/2014 7:16:12	17.00	52.62	34.73	7.22	7.91	6.5	2.417	92.1	4.3	1.3	1.0
855	9/13/2014 7:31:11	16.91	52.59	34.70	7.45	7.93	5.6	2.330	94.9	3.9	1.2	0.9
856	9/13/2014 7:46:11	16.88	52.37	34.54	7.38	7.92	4.8	2.251	93.8	3.7	1.1	0.9
857	9/13/2014 8:01:12	17.03	52.64	34.74	7.02	7.90	5.1	2.175	89.7	4.3	1.3	1.0
858	9/13/2014 8:16:12	16.96	52.65	34.75	7.18	7.91	4.8	2.093	91.5	3.8	1.1	0.9
859	9/13/2014 8:31:11	16.95	52.56	34.68	7.38	7.92	4.5	2.043	94.0	4.5	1.4	1.1
860	9/13/2014 8:46:11	16.92	52.69	34.78	7.38	7.92	4.2	1.987	94.1	4.2	1.3	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
861	9/13/2014 9:01:12	16.85	52.53	34.66	7.37	7.92	4.1	1.941	93.8	4.3	1.3	1.0
862	9/13/2014 9:16:12	16.91	52.54	34.66	7.46	7.93	4.1	1.931	94.9	4.6	1.4	1.1
863	9/13/2014 9:31:11	16.92	52.65	34.75	7.37	7.92	4.2	1.926	93.9	4.9	1.5	1.2
864	9/13/2014 9:46:11	17.08	52.52	34.65	7.49	7.93	3.8	1.927	95.7	5.3	1.6	1.3
865	9/13/2014 10:01:11	17.20	52.63	34.73	7.64	7.94	3.8	1.969	97.9	6.0	1.8	1.4
866	9/13/2014 10:16:11	17.32	52.60	34.72	7.67	7.95	4.0	2.012	98.5	5.9	1.8	1.4
867	9/13/2014 10:31:11	17.41	52.67	34.77	7.80	7.96	4.0	2.073	100.3	5.3	1.6	1.2
868	9/13/2014 10:46:11	17.38	52.59	34.71	7.79	7.96	5.3	2.151	100.1	5.2	1.6	1.2
869	9/13/2014 11:01:11	17.32	52.62	34.73	7.79	7.96	5.6	2.227	100.0	5.4	1.6	1.3
870	9/13/2014 11:16:11	17.13	52.54	34.67	7.72	7.95	4.9	2.315	98.7	4.8	1.4	1.1
871	9/13/2014 11:31:11	17.01	52.60	34.71	7.73	7.95	4.8	2.398	98.7	4.9	1.5	1.1
872	9/13/2014 11:46:11	16.99	52.60	34.71	7.80	7.95	4.8	2.477	99.5	4.5	1.4	1.1
873	9/13/2014 12:01:11	16.90	52.31	34.49	7.88	7.96	4.8	2.560	100.2	4.3	1.3	1.0
874	9/13/2014 12:16:11	16.70	52.48	34.62	8.00	7.96	5.0	2.651	101.4	4.8	1.4	1.1
875	9/13/2014 12:31:12	16.62	52.36	34.53	8.02	7.97	5.9	2.732	101.5	5.0	1.5	1.2
876	9/13/2014 12:46:11	16.42	52.31	34.49	8.14	7.98	5.5	2.820	102.6	4.5	1.4	1.1
877	9/13/2014 13:01:11	16.22	52.37	34.53	8.24	7.99	5.5	2.915	103.5	5.0	1.5	1.2
878	9/13/2014 13:16:11	16.06	52.37	34.52	8.38	8.00	6.3	3.005	104.8	5.6	1.7	1.3
879	9/13/2014 13:31:12	15.89	52.40	34.55	8.49	8.01	6.2	3.105	105.9	5.6	1.7	1.3
880	9/13/2014 13:46:11	15.50	52.14	34.34	8.85	8.04	6.4	3.194	109.5	6.4	1.9	1.5
881	9/13/2014 14:01:11	15.36	52.30	34.46	9.11	8.06	4.7	3.288	112.4	6.9	2.1	1.6
882	9/13/2014 14:16:11	15.15	52.22	34.40	9.35	8.09	4.2	3.382	114.8	7.6	2.3	1.8
883	9/13/2014 14:31:11	14.87	52.08	34.29	9.56	8.10	3.4	3.462	116.7	7.7	2.3	1.8
884	9/13/2014 14:46:11	14.83	51.98	34.21	9.68	8.11	3.4	3.529	118.0	7.5	2.3	1.8
885	9/13/2014 15:01:11	14.76	52.11	34.30	9.78	8.12	2.9	3.602	119.1	7.6	2.3	1.8
886	9/13/2014 15:16:11	14.56	52.02	34.23	9.92	8.13	2.7	3.660	120.3	8.9	2.7	2.1
887	9/13/2014 15:31:11	14.52	52.03	34.24	9.91	8.13	2.5	3.687	120.1	8.1	2.4	1.9
888	9/13/2014 15:46:11	14.53	52.09	34.28	9.87	8.13	2.2	3.724	119.6	8.3	2.5	2.0
889	9/13/2014 16:01:11	15.20	52.16	34.35	9.68	8.11	2.8	3.727	119.0	7.2	2.2	1.7
890	9/13/2014 16:16:11	14.68	51.93	34.17	9.66	8.11	2.0	3.711	117.4	5.1	1.5	1.2
891	9/13/2014 16:31:11	14.86	52.14	34.33	9.55	8.10	2.1	3.678	116.6	4.9	1.5	1.1
892	9/13/2014 16:46:11	14.98	52.20	34.38	9.68	8.11	3.0	3.609	118.5	6.3	1.9	1.5
893	9/13/2014 17:01:11	15.09	52.17	34.35	9.66	8.11	3.3	3.530	118.5	4.9	1.5	1.1
894	9/13/2014 17:16:11	15.13	52.17	34.36	9.77	8.12	3.9	3.447	119.9	7.5	2.3	1.8
895	9/13/2014 17:31:11	15.50	52.24	34.42	9.80	8.12	3.9	3.338	121.2	7.7	2.3	1.8
896	9/13/2014 17:46:11	16.25	52.26	34.45	9.58	8.10	4.6	3.239	120.2	8.4	2.5	2.0
897	9/13/2014 18:01:12	16.09	52.37	34.53	9.61	8.10	4.9	3.128	120.3	8.3	2.5	1.9
898	9/13/2014 18:16:11	16.08	52.34	34.51	9.55	8.10	5.0	3.018	119.5	7.0	2.1	1.7
899	9/13/2014 18:31:12	16.19	52.21	34.41	9.44	8.09	5.1	2.907	118.4	6.4	1.9	1.5
900	9/13/2014 18:46:12	16.54	52.45	34.60	9.29	8.07	5.7	2.794	117.4	6.2	1.9	1.5
901	9/13/2014 19:01:11	16.81	52.35	34.53	9.23	8.06	6.3	2.672	117.2	5.6	1.7	1.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
902	9/13/2014 19:16:11	17.08	52.48	34.62	9.14	8.06	5.7	2.563	116.7	5.4	1.6	1.3
903	9/13/2014 19:31:12	17.24	52.45	34.60	9.07	8.05	5.9	2.446	116.1	5.1	1.5	1.2
904	9/13/2014 19:46:11	17.30	52.52	34.66	9.01	8.05	6.7	2.326	115.6	5.5	1.7	1.3
905	9/13/2014 20:01:11	17.03	52.32	34.50	9.06	8.06	6.7	2.215	115.5	6.2	1.9	1.5
906	9/13/2014 20:16:11	16.89	52.40	34.56	9.02	8.05	5.9	2.092	114.8	6.3	1.9	1.5
907	9/13/2014 20:31:12	16.94	52.50	34.64	8.93	8.05	6.2	1.971	113.7	6.2	1.9	1.5
908	9/13/2014 20:46:12	16.93	52.50	34.64	8.82	8.05	6.1	1.873	112.3	6.0	1.8	1.4
909	9/13/2014 21:01:11	17.22	52.57	34.69	8.81	8.04	6.4	1.768	112.9	6.6	2.0	1.6
910	9/13/2014 21:16:11	17.46	52.53	34.67	8.71	8.04	5.9	1.666	112.0	6.2	1.9	1.5
911	9/13/2014 21:31:12	17.35	52.65	34.75	8.58	8.03	6.1	1.576	110.3	5.9	1.8	1.4
912	9/13/2014 21:46:11	17.62	52.67	34.77	8.68	8.03	5.5	1.515	112.1	6.0	1.8	1.4
913	9/13/2014 22:01:11	17.86	52.47	34.63	8.63	8.03	4.9	1.478	111.8	5.8	1.7	1.4
914	9/13/2014 22:16:11	18.04	52.79	34.86	8.71	8.03	4.4	1.446	113.4	6.3	1.9	1.5
915	9/13/2014 22:31:11	18.23	52.78	34.86	8.80	8.04	3.9	1.441	115.1	6.8	2.0	1.6
916	9/13/2014 22:46:11	18.50	52.73	34.82	9.09	8.06	4.3	1.471	119.4	6.3	1.9	1.5
917	9/13/2014 23:01:11	18.32	52.66	34.77	9.04	8.06	4.0	1.519	118.3	6.3	1.9	1.5
918	9/13/2014 23:16:11	18.63	52.77	34.85	9.20	8.08	4.0	1.573	121.2	5.8	1.7	1.4
919	9/13/2014 23:31:11	18.52	52.67	34.78	9.18	8.07	4.2	1.648	120.5	5.7	1.7	1.3
920	9/13/2014 23:46:11	18.53	52.81	34.88	8.85	8.05	5.0	1.736	116.4	5.9	1.8	1.4
921	9/14/2014 0:01:11	18.74	52.86	34.92	8.29	8.00	6.2	1.827	109.4	6.1	1.8	1.4
922	9/14/2014 0:16:11	18.51	52.78	34.86	8.27	7.99	6.2	1.909	108.6	5.3	1.6	1.3
923	9/14/2014 0:31:11	18.28	52.72	34.81	8.36	8.00	5.6	1.990	109.4	5.9	1.8	1.4
924	9/14/2014 0:46:11	18.20	52.62	34.74	8.42	8.01	5.3	2.073	109.9	5.7	1.7	1.3
925	9/14/2014 1:01:11	18.19	52.62	34.74	8.49	8.01	4.8	2.152	110.8	5.7	1.7	1.3
926	9/14/2014 1:16:11	17.88	52.55	34.69	8.49	8.01	5.0	2.228	110.1	5.6	1.7	1.3
927	9/14/2014 1:31:11	17.70	52.58	34.70	8.33	8.00	4.2	2.307	107.7	6.0	1.8	1.4
928	9/14/2014 1:46:11	17.63	52.67	34.77	8.30	7.99	4.1	2.382	107.2	5.2	1.6	1.2
929	9/14/2014 2:01:11	17.52	52.61	34.72	8.26	7.99	4.4	2.460	106.4	5.4	1.6	1.3
930	9/14/2014 2:16:11	17.35	52.56	34.69	8.29	7.99	4.0	2.538	106.5	5.6	1.7	1.3
931	9/14/2014 2:31:11	17.14	52.45	34.60	8.39	8.00	4.5	2.613	107.2	6.7	2.0	1.6
932	9/14/2014 2:46:11	17.07	52.45	34.60	8.39	8.00	4.6	2.688	107.1	5.5	1.7	1.3
933	9/14/2014 3:01:11	17.00	52.50	34.63	8.42	8.01	4.4	2.760	107.3	6.0	1.8	1.4
934	9/14/2014 3:16:12	16.75	52.50	34.64	8.49	8.01	4.5	2.839	107.7	5.7	1.7	1.3
935	9/14/2014 3:31:12	16.47	52.29	34.48	8.69	8.03	4.2	2.913	109.5	6.2	1.9	1.5
936	9/14/2014 3:46:11	16.26	52.35	34.51	8.77	8.03	3.8	2.982	110.1	6.7	2.0	1.6
937	9/14/2014 4:01:11	16.03	52.11	34.34	8.81	8.04	3.7	3.045	110.1	6.9	2.1	1.6
938	9/14/2014 4:16:12	15.75	52.12	34.33	8.85	8.04	2.9	3.105	110.0	6.9	2.1	1.6
939	9/14/2014 4:31:11	15.63	52.19	34.38	8.87	8.05	2.9	3.152	110.0	6.8	2.0	1.6
940	9/14/2014 4:46:12	15.58	52.26	34.43	8.75	8.04	2.9	3.174	108.4	11.9	3.6	2.8
941	9/14/2014 5:01:11	16.52	52.37	34.54	7.72	7.96	6.0	3.192	97.5	7.9	2.4	1.9
942	9/14/2014 5:16:12	15.87	52.33	34.49	8.32	8.01	3.4	3.195	103.7	5.2	1.6	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
943	9/14/2014 5:31:12	16.42	52.31	34.49	7.80	7.97	5.7	3.169	98.2	4.5	1.4	1.1
944	9/14/2014 5:46:11	16.29	52.23	34.43	8.04	7.99	5.7	3.123	101.1	4.7	1.4	1.1
945	9/14/2014 6:01:11	16.24	52.26	34.44	8.14	7.99	5.7	3.068	102.2	5.1	1.5	1.2
946	9/14/2014 6:16:11	16.22	52.43	34.57	8.25	8.00	6.1	2.999	103.5	5.1	1.5	1.2
947	9/14/2014 6:31:11	16.17	52.41	34.56	8.31	8.01	7.3	2.934	104.3	5.6	1.7	1.3
948	9/14/2014 6:46:11	16.18	52.25	34.44	8.26	8.01	6.1	2.846	103.5	6.0	1.8	1.4
949	9/14/2014 7:01:11	16.63	52.50	34.63	8.03	7.99	5.7	2.774	101.6	5.0	1.5	1.2
950	9/14/2014 7:16:11	16.80	52.40	34.56	7.86	7.98	5.6	2.698	99.8	4.5	1.4	1.1
951	9/14/2014 7:31:11	16.99	52.55	34.68	7.65	7.96	6.0	2.627	97.6	4.5	1.4	1.1
952	9/14/2014 7:46:11	17.10	52.58	34.70	7.55	7.95	5.6	2.561	96.4	4.3	1.3	1.0
953	9/14/2014 8:01:11	17.24	52.52	34.66	7.37	7.93	6.2	2.478	94.4	3.8	1.1	0.9
954	9/14/2014 8:16:11	17.30	52.62	34.73	7.13	7.92	6.4	2.414	91.5	4.0	1.2	0.9
955	9/14/2014 8:31:11	17.35	52.56	34.69	7.15	7.92	5.0	2.365	91.9	3.6	1.1	0.8
956	9/14/2014 8:46:11	17.34	52.61	34.72	7.10	7.91	4.8	2.299	91.2	3.9	1.2	0.9
957	9/14/2014 9:01:11	17.36	52.55	34.68	7.20	7.92	4.8	2.252	92.4	4.1	1.2	1.0
958	9/14/2014 9:16:11	17.27	52.57	34.69	7.21	7.92	4.3	2.199	92.5	4.6	1.4	1.1
959	9/14/2014 9:31:11	17.36	52.53	34.67	7.27	7.92	4.3	2.164	93.4	4.5	1.4	1.0
960	9/14/2014 9:46:11	17.42	52.67	34.76	7.44	7.94	3.9	2.137	95.7	5.0	1.5	1.2
961	9/14/2014 10:01:11	17.41	52.54	34.67	7.51	7.95	3.3	2.110	96.6	4.3	1.3	1.0
962	9/14/2014 10:16:11	17.54	52.62	34.73	7.43	7.94	3.2	2.116	95.8	4.2	1.3	1.0
963	9/14/2014 10:31:11	17.50	52.61	34.72	7.56	7.95	3.4	2.110	97.4	5.2	1.6	1.2
964	9/14/2014 10:46:11	17.57	52.67	34.77	7.69	7.96	3.6	2.134	99.3	5.8	1.7	1.4
965	9/14/2014 11:01:11	17.59	52.62	34.73	7.71	7.96	3.6	2.177	99.5	5.9	1.8	1.4
966	9/14/2014 11:16:11	17.65	52.63	34.74	7.86	7.98	3.5	2.216	101.6	5.9	1.8	1.4
967	9/14/2014 11:31:11	17.61	52.55	34.68	7.86	7.98	3.9	2.271	101.5	5.4	1.6	1.3
968	9/14/2014 11:46:11	17.53	52.63	34.74	7.86	7.97	4.5	2.341	101.3	5.7	1.7	1.3
969	9/14/2014 12:01:11	17.43	52.59	34.71	7.84	7.97	4.0	2.405	100.9	5.8	1.7	1.4
970	9/14/2014 12:16:11	17.27	52.59	34.71	7.88	7.97	4.0	2.474	101.1	5.2	1.6	1.2
971	9/14/2014 12:31:11	17.20	52.47	34.61	7.97	7.98	3.7	2.543	102.0	5.3	1.6	1.2
972	9/14/2014 12:46:11	17.12	52.51	34.65	8.01	7.98	4.5	2.614	102.4	5.0	1.5	1.2
973	9/14/2014 13:01:11	16.94	52.48	34.62	8.16	7.99	3.9	2.692	103.9	5.3	1.6	1.3
974	9/14/2014 13:16:12	16.70	52.46	34.60	8.24	8.00	3.7	2.769	104.4	5.4	1.6	1.3
975	9/14/2014 13:31:11	16.65	52.44	34.59	8.28	8.01	4.4	2.839	104.9	5.2	1.6	1.2
976	9/14/2014 13:46:11	16.54	52.26	34.46	8.41	8.02	4.0	2.917	106.2	5.1	1.5	1.2
977	9/14/2014 14:01:11	16.24	52.33	34.50	8.52	8.03	3.8	2.998	107.0	6.5	2.0	1.5
978	9/14/2014 14:16:11	16.00	52.36	34.52	8.59	8.03	4.2	3.082	107.3	6.2	1.9	1.5
979	9/14/2014 14:31:12	15.84	52.31	34.47	8.62	8.04	3.9	3.157	107.4	6.1	1.8	1.4
980	9/14/2014 14:46:11	15.57	52.22	34.41	8.72	8.05	3.4	3.239	108.0	6.7	2.0	1.6
981	9/14/2014 15:01:11	15.13	52.24	34.41	8.80	8.05	3.4	3.312	108.0	6.8	2.0	1.6
982	9/14/2014 15:16:11	14.84	52.23	34.39	8.88	8.06	2.7	3.377	108.5	7.4	2.2	1.7
983	9/14/2014 15:31:11	14.58	52.18	34.35	8.95	8.06	2.6	3.436	108.6	7.3	2.2	1.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
984	9/14/2014 15:46:11	14.31	52.01	34.22	9.00	8.07	2.1	3.496	108.6	8.0	2.4	1.9
985	9/14/2014 16:01:11	14.14	52.16	34.32	9.03	8.07	2.0	3.543	108.6	8.3	2.5	1.9
986	9/14/2014 16:16:11	14.08	52.11	34.28	9.02	8.07	1.8	3.571	108.4	7.5	2.3	1.8
987	9/14/2014 16:31:11	14.18	51.80	34.05	8.90	8.06	2.0	3.594	106.9	6.4	1.9	1.5
988	9/14/2014 16:46:11	14.48	52.00	34.21	8.84	8.06	2.0	3.607	107.0	5.3	1.6	1.3
989	9/14/2014 17:01:11	14.22	51.98	34.19	8.77	8.05	3.1	3.580	105.6	4.7	1.4	1.1
990	9/14/2014 17:16:11	14.19	52.01	34.21	8.84	8.06	2.1	3.548	106.4	5.5	1.7	1.3
991	9/14/2014 17:31:12	14.59	52.17	34.34	8.77	8.06	2.1	3.507	106.5	3.9	1.2	0.9
992	9/14/2014 17:46:11	15.08	52.11	34.31	8.92	8.07	3.1	3.439	109.4	5.8	1.7	1.4
993	9/14/2014 18:01:11	15.11	52.15	34.34	9.02	8.07	3.8	3.364	110.6	6.1	1.8	1.4
994	9/14/2014 18:16:11	15.08	52.15	34.34	9.00	8.07	4.8	3.278	110.3	6.9	2.1	1.6
995	9/14/2014 18:31:11	16.07	52.25	34.44	8.95	8.07	3.7	3.192	112.0	6.0	1.8	1.4
996	9/14/2014 18:46:11	16.47	52.42	34.57	9.05	8.07	4.2	3.088	114.1	6.6	2.0	1.6
997	9/14/2014 19:01:11	16.51	52.13	34.36	9.01	8.07	4.0	2.989	113.7	6.9	2.1	1.6
998	9/14/2014 19:16:11	16.57	52.40	34.56	8.97	8.07	4.5	2.897	113.4	5.1	1.5	1.2
999	9/14/2014 19:31:12	16.75	52.42	34.58	8.91	8.06	4.8	2.796	113.0	6.2	1.9	1.5
1000	9/14/2014 19:46:12	17.11	52.40	34.56	8.92	8.06	5.4	2.696	113.9	5.6	1.7	1.3
1001	9/14/2014 20:01:11	17.34	52.47	34.62	8.82	8.05	5.5	2.596	113.2	5.5	1.7	1.3
1002	9/14/2014 20:16:11	17.51	52.47	34.62	8.78	8.05	5.6	2.497	113.0	5.5	1.7	1.3
1003	9/14/2014 20:31:11	17.61	52.36	34.54	8.73	8.04	6.1	2.388	112.5	5.7	1.7	1.3
1004	9/14/2014 20:46:12	16.70	52.33	34.51	8.63	8.04	7.1	2.280	109.4	5.9	1.8	1.4
1005	9/14/2014 21:01:11	17.15	52.37	34.54	8.63	8.04	5.9	2.192	110.4	5.4	1.6	1.3
1006	9/14/2014 21:16:11	16.96	52.37	34.54	8.59	8.04	6.1	2.087	109.3	6.4	1.9	1.5
1007	9/14/2014 21:31:11	17.28	52.51	34.65	8.66	8.05	6.1	1.974	111.0	6.3	1.9	1.5
1008	9/14/2014 21:46:11	17.45	52.60	34.71	8.67	8.04	5.6	1.886	111.5	6.1	1.8	1.4
1009	9/14/2014 22:01:12	17.38	52.53	34.66	8.52	8.04	5.6	1.793	109.5	6.1	1.8	1.4
1010	9/14/2014 22:16:12	17.37	52.52	34.65	8.41	8.03	5.5	1.717	108.0	6.1	1.8	1.4
1011	9/14/2014 22:31:11	17.85	52.59	34.71	8.54	8.04	5.2	1.645	110.7	6.2	1.9	1.5
1012	9/14/2014 22:46:11	17.77	52.49	34.64	8.51	8.03	4.7	1.580	110.1	5.8	1.7	1.4
1013	9/14/2014 23:01:12	18.14	52.73	34.82	8.58	8.04	4.4	1.553	111.9	5.9	1.8	1.4
1014	9/14/2014 23:16:11	18.56	52.53	34.67	8.76	8.06	3.8	1.539	115.1	6.2	1.9	1.5
1015	9/14/2014 23:31:11	18.64	52.66	34.77	8.74	8.05	3.2	1.535	115.1	5.7	1.7	1.3
1016	9/14/2014 23:46:11	18.60	52.72	34.81	8.90	8.06	3.7	1.563	117.1	6.0	1.8	1.4
1017	9/15/2014 0:01:11	18.64	52.69	34.79	8.96	8.07	3.5	1.615	118.0	5.9	1.8	1.4
1018	9/15/2014 0:16:11	18.75	52.73	34.82	9.01	8.08	4.0	1.660	118.9	5.8	1.7	1.4
1019	9/15/2014 0:31:11	18.64	52.72	34.82	8.97	8.08	4.0	1.730	118.2	5.0	1.5	1.2
1020	9/15/2014 0:46:11	18.60	52.69	34.79	8.75	8.06	4.1	1.805	115.1	5.0	1.5	1.2
1021	9/15/2014 1:01:11	18.82	52.74	34.83	8.06	8.00	5.9	1.883	106.5	5.3	1.6	1.2
1022	9/15/2014 1:16:11	18.70	52.75	34.83	8.07	8.00	5.4	1.951	106.4	5.3	1.6	1.3
1023	9/15/2014 1:31:11	18.54	52.56	34.69	8.17	8.01	4.8	2.012	107.3	5.8	1.7	1.4
1024	9/15/2014 1:46:11	18.41	52.61	34.73	8.20	8.01	4.5	2.086	107.4	6.1	1.8	1.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
1025	9/15/2014 2:01:11	18.36	52.49	34.64	8.23	8.01	4.5	2.145	107.7	5.2	1.6	1.2
1026	9/15/2014 2:16:11	18.13	52.55	34.68	8.31	8.01	4.0	2.212	108.4	5.3	1.6	1.2
1027	9/15/2014 2:31:11	17.89	52.62	34.73	8.19	8.00	3.9	2.281	106.3	5.3	1.6	1.2
1028	9/15/2014 2:46:11	17.71	52.35	34.53	8.13	8.00	3.7	2.345	105.0	5.2	1.6	1.2
1029	9/15/2014 3:01:11	17.62	52.33	34.52	8.07	7.99	3.8	2.409	104.1	5.4	1.6	1.3
1030	9/15/2014 3:16:11	17.53	52.47	34.62	8.03	7.99	3.8	2.474	103.4	5.1	1.5	1.2
1031	9/15/2014 3:31:11	17.35	52.42	34.58	8.05	7.99	3.8	2.548	103.2	5.0	1.5	1.2
1032	9/15/2014 3:46:12	17.19	52.40	34.56	8.06	7.99	3.9	2.613	103.1	5.4	1.6	1.3
1033	9/15/2014 4:01:12	16.98	52.43	34.58	8.11	8.00	3.4	2.674	103.3	5.2	1.6	1.2
1034	9/15/2014 4:16:11	16.90	52.35	34.52	8.14	8.00	3.7	2.748	103.5	5.2	1.6	1.2
1035	9/15/2014 4:31:11	16.81	52.32	34.50	8.14	8.01	3.9	2.804	103.3	5.5	1.7	1.3
1036	9/15/2014 4:46:11	16.67	52.29	34.48	8.16	8.00	3.7	2.865	103.3	5.8	1.7	1.4
1037	9/15/2014 5:01:11	16.50	52.38	34.54	8.17	8.01	3.5	2.924	103.2	5.5	1.7	1.3
1038	9/15/2014 5:16:11	16.29	52.25	34.44	8.22	8.01	3.3	2.970	103.2	6.2	1.9	1.4
1039	9/15/2014 5:31:11	16.20	52.24	34.43	8.21	8.01	3.0	3.014	102.9	5.5	1.7	1.3
1040	9/15/2014 5:46:11	16.05	52.36	34.52	8.18	8.01	2.7	3.046	102.3	5.5	1.7	1.3
1041	9/15/2014 6:01:11	16.88	52.71	34.79	6.98	7.92	7.2	3.075	88.9	4.5	1.4	1.0
1042	9/15/2014 6:16:12	16.49	52.36	34.53	7.83	7.98	3.6	3.078	98.8	4.9	1.5	1.2
1043	9/15/2014 6:31:11	15.92	52.19	34.39	7.89	7.99	2.7	3.069	98.3	4.7	1.4	1.1
1044	9/15/2014 6:46:12	15.93	52.29	34.46	7.93	7.99	3.1	3.048	98.9	4.2	1.3	1.0
1045	9/15/2014 7:01:12	16.57	52.41	34.56	7.47	7.96	5.3	3.023	94.5	4.3	1.3	1.0
1046	9/15/2014 7:16:12	16.72	52.45	34.59	7.43	7.96	5.7	2.969	94.2	4.0	1.2	0.9
1047	9/15/2014 7:31:11	16.66	52.47	34.61	7.50	7.96	6.6	2.911	95.1	3.9	1.2	0.9
1048	9/15/2014 7:46:11	16.59	52.37	34.54	7.70	7.97	7.5	2.857	97.3	4.2	1.3	1.0
1049	9/15/2014 8:01:11	16.61	52.46	34.60	7.71	7.97	6.7	2.789	97.5	4.3	1.3	1.0
1050	9/15/2014 8:16:11	16.79	52.24	34.44	7.66	7.97	5.9	2.723	97.2	3.7	1.1	0.9
1051	9/15/2014 8:31:11	16.83	52.42	34.58	7.56	7.97	5.6	2.665	96.1	4.9	1.5	1.1
1052	9/15/2014 8:46:11	17.13	52.49	34.63	7.42	7.95	6.2	2.604	94.9	3.9	1.2	0.9
1053	9/15/2014 9:01:12	17.22	52.60	34.71	7.33	7.95	5.3	2.547	94.0	3.6	1.1	0.9
1054	9/15/2014 9:16:11	17.03	52.45	34.60	7.37	7.95	5.6	2.499	94.0	3.8	1.1	0.9
1055	9/15/2014 9:31:11	17.25	52.48	34.63	7.24	7.94	5.0	2.449	92.8	3.9	1.2	0.9
1056	9/15/2014 9:46:11	17.20	52.50	34.64	7.22	7.94	4.8	2.408	92.5	3.8	1.1	0.9
1057	9/15/2014 10:01:11	17.40	52.40	34.56	7.12	7.93	4.7	2.368	91.5	3.7	1.1	0.9
1058	9/15/2014 10:16:12	17.51	52.64	34.75	7.22	7.94	4.3	2.339	93.1	4.2	1.3	1.0
1059	9/15/2014 10:31:11	17.37	52.50	34.64	7.37	7.95	3.8	2.313	94.7	4.5	1.4	1.1
1060	9/15/2014 10:46:12	17.58	52.66	34.76	7.21	7.94	3.7	2.295	93.0	4.4	1.3	1.0
1061	9/15/2014 11:01:12	17.64	52.60	34.72	7.25	7.94	3.2	2.283	93.6	4.7	1.4	1.1
1062	9/15/2014 11:16:11	17.63	52.55	34.68	7.24	7.93	3.0	2.271	93.5	5.3	1.6	1.2
1063	9/15/2014 11:31:11	17.78	52.45	34.60	7.52	7.96	3.1	2.288	97.4	6.0	1.8	1.4
1064	9/15/2014 11:46:11	17.72	52.42	34.59	7.62	7.97	2.9	2.306	98.5	6.1	1.8	1.4
1065	9/15/2014 12:01:11	17.70	52.48	34.63	7.63	7.97	3.2	2.331	98.6	5.7	1.7	1.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
1066	9/15/2014 12:16:12	17.68	52.61	34.72	7.59	7.97	3.6	2.361	98.1	5.4	1.6	1.3
1067	9/15/2014 12:31:11	17.62	52.56	34.69	7.63	7.97	3.4	2.403	98.5	4.9	1.5	1.2
1068	9/15/2014 12:46:11	17.54	52.59	34.71	7.67	7.97	3.4	2.457	98.9	5.1	1.5	1.2
1069	9/15/2014 13:01:12	17.43	52.47	34.62	7.69	7.97	3.2	2.513	98.9	5.1	1.5	1.2
1070	9/15/2014 13:16:12	17.32	52.58	34.70	7.72	7.97	3.5	2.565	99.1	5.1	1.5	1.2
1071	9/15/2014 13:31:11	17.21	52.35	34.53	7.81	7.98	3.6	2.630	99.9	5.1	1.5	1.2
1072	9/15/2014 13:46:12	17.07	52.46	34.60	7.85	7.99	3.8	2.692	100.2	5.2	1.6	1.2
1073	9/15/2014 14:01:11	16.94	52.27	34.47	7.82	7.98	3.7	2.751	99.5	4.5	1.4	1.1
1074	9/15/2014 14:16:11	16.72	52.48	34.62	7.98	8.00	3.2	2.817	101.2	4.8	1.4	1.1
1075	9/15/2014 14:31:12	16.51	52.37	34.53	8.08	8.00	3.1	2.880	102.0	5.7	1.7	1.3
1076	9/15/2014 14:46:12	16.38	52.37	34.53	8.09	8.00	2.9	2.944	101.9	5.6	1.7	1.3
1077	9/15/2014 15:01:12	16.29	52.29	34.47	8.17	8.01	2.8	3.013	102.7	5.7	1.7	1.3
1078	9/15/2014 15:16:12	16.10	52.24	34.43	8.25	8.02	2.7	3.077	103.3	6.3	1.9	1.5
1079	9/15/2014 15:31:11	15.83	52.26	34.44	8.35	8.03	2.6	3.139	103.9	6.1	1.8	1.4
1080	9/15/2014 15:46:11	15.50	52.09	34.31	8.43	8.03	3.1	3.199	104.2	6.1	1.8	1.4
1081	9/15/2014 16:01:11	15.27	52.23	34.41	8.51	8.04	2.6	3.263	104.8	5.8	1.7	1.4
1082	9/15/2014 16:16:12	15.15	52.26	34.43	8.57	8.05	2.4	3.313	105.2	6.6	2.0	1.6
1083	9/15/2014 16:31:11	14.92	52.06	34.27	8.78	8.06	2.3	3.360	107.2	6.9	2.1	1.6
1084	9/15/2014 16:46:11	14.85	52.21	34.38	8.94	8.07	2.3	3.405	109.1	7.7	2.3	1.8
1085	9/15/2014 17:01:11	14.72	52.20	34.37	9.08	8.08	2.3	3.441	110.6	7.1	2.1	1.7
1086	9/15/2014 17:16:11	14.66	52.05	34.26	9.15	8.09	2.0	3.464	111.2	7.0	2.1	1.6
1087	9/15/2014 17:31:11	15.03	52.03	34.25	8.92	8.07	2.5	3.478	109.2	7.3	2.2	1.7
1088	9/15/2014 17:46:11	15.03	52.19	34.37	8.74	8.06	2.3	3.477	107.1	5.2	1.6	1.2
1089	9/15/2014 18:01:11	14.75	52.16	34.34	8.85	8.07	1.8	3.470	107.8	4.7	1.4	1.1
1090	9/15/2014 18:16:11	14.75	52.10	34.30	8.94	8.08	1.7	3.434	108.9	4.7	1.4	1.1
1091	9/15/2014 18:31:12	14.90	52.16	34.34	8.68	8.06	1.7	3.386	106.1	3.5	1.1	0.8
1092	9/15/2014 18:46:12	15.85	52.19	34.39	8.49	8.05	2.6	3.331	105.7	4.2	1.3	1.0
1093	9/15/2014 19:01:12	16.11	52.08	34.31	8.39	8.04	3.9	3.275	104.9	5.0	1.5	1.2
1094	9/15/2014 19:16:12	15.81	52.30	34.47	8.50	8.05	5.1	3.193	105.8	5.5	1.7	1.3
1095	9/15/2014 19:31:11	16.75	51.97	34.24	8.55	8.05	5.0	3.108	108.3	6.5	2.0	1.5
1096	9/15/2014 19:46:11	16.67	52.27	34.47	8.62	8.05	4.6	3.032	109.2	5.5	1.7	1.3
1097	9/15/2014 20:01:11	16.65	52.29	34.47	8.54	8.05	4.3	2.946	108.1	5.9	1.8	1.4
1098	9/15/2014 20:16:11	16.81	52.35	34.52	8.52	8.05	4.8	2.862	108.2	5.2	1.6	1.2
1099	9/15/2014 20:31:11	16.93	52.40	34.56	8.50	8.04	4.5	2.773	108.2	5.8	1.7	1.4
1100	9/15/2014 20:46:12	17.13	52.32	34.50	8.43	8.04	5.0	2.685	107.7	4.9	1.5	1.1
1101	9/15/2014 21:01:11	17.49	52.45	34.61	8.40	8.03	4.8	2.599	108.1	4.8	1.4	1.1
1102	9/15/2014 21:16:11	17.80	52.34	34.53	8.47	8.04	5.7	2.499	109.6	5.0	1.5	1.2
1103	9/15/2014 21:31:11	17.68	52.59	34.71	8.41	8.03	5.6	2.404	108.7	4.9	1.5	1.2
1104	9/15/2014 21:46:12	17.75	52.60	34.72	8.36	8.03	5.7	2.317	108.2	4.7	1.4	1.1
1105	9/15/2014 22:01:11	17.41	52.50	34.64	8.28	8.02	5.6	2.226	106.4	5.1	1.5	1.2
1106	9/15/2014 22:16:12	17.13	52.53	34.66	8.16	8.02	6.3	2.125	104.4	5.1	1.5	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
1107	9/15/2014 22:31:12	17.27	52.48	34.63	8.11	8.02	6.1	2.031	104.0	5.2	1.6	1.2
1108	9/15/2014 22:46:12	17.36	52.50	34.64	8.09	8.02	6.4	1.958	103.8	5.5	1.7	1.3
1109	9/15/2014 23:01:11	17.49	52.64	34.74	8.06	8.02	5.5	1.866	103.8	5.9	1.8	1.4
1110	9/15/2014 23:16:12	17.62	52.60	34.72	8.02	8.02	5.1	1.786	103.6	5.6	1.7	1.3
1111	9/15/2014 23:31:11	17.65	52.55	34.68	8.03	8.02	4.8	1.732	103.7	5.4	1.6	1.3
1112	9/15/2014 23:46:12	17.76	52.69	34.78	8.02	8.02	4.3	1.698	103.9	6.2	1.9	1.5
1113	9/16/2014 0:01:11	18.03	52.58	34.71	8.13	8.03	4.0	1.652	105.8	6.1	1.8	1.4
1114	9/16/2014 0:16:11	18.21	52.49	34.64	8.18	8.03	4.2	1.628	106.8	6.1	1.8	1.4
1115	9/16/2014 0:31:11	18.31	52.63	34.74	7.90	8.02	3.1	1.643	103.4	5.8	1.7	1.4
1116	9/16/2014 0:46:11	18.47	52.64	34.75	8.48	8.05	3.2	1.652	111.2	5.6	1.7	1.3
1117	9/16/2014 1:01:11	18.41	52.60	34.72	8.42	8.05	3.4	1.669	110.3	5.7	1.7	1.3
1118	9/16/2014 1:16:11	18.42	52.70	34.80	8.40	8.06	3.3	1.713	110.2	5.5	1.7	1.3
1119	9/16/2014 1:31:11	18.47	52.63	34.74	8.48	8.06	3.2	1.777	111.2	5.2	1.6	1.2
1120	9/16/2014 1:46:11	18.40	52.67	34.78	8.40	8.06	3.6	1.815	110.1	5.3	1.6	1.3
1121	9/16/2014 2:01:11	18.32	52.57	34.70	8.35	8.05	3.3	1.882	109.2	5.3	1.6	1.2
1122	9/16/2014 2:16:11	18.42	52.65	34.76	7.84	8.00	5.1	1.952	102.8	5.2	1.6	1.2
1123	9/16/2014 2:31:11	18.52	52.53	34.67	7.47	7.97	6.4	2.004	98.1	5.2	1.6	1.2
1124	9/16/2014 2:46:11	18.40	52.67	34.78	7.54	7.98	5.6	2.057	98.8	5.9	1.8	1.4
1125	9/16/2014 3:01:11	18.26	52.61	34.73	7.67	7.98	4.9	2.123	100.2	4.8	1.4	1.1
1126	9/16/2014 3:16:11	18.17	52.60	34.72	7.72	7.99	4.8	2.185	100.8	5.4	1.6	1.3
1127	9/16/2014 3:31:11	18.14	52.59	34.71	7.84	8.00	4.0	2.246	102.2	5.4	1.6	1.3
1128	9/16/2014 3:46:11	17.88	52.67	34.77	7.82	7.99	4.0	2.308	101.5	4.9	1.5	1.1
1129	9/16/2014 4:01:11	17.62	52.61	34.72	7.76	7.99	3.6	2.369	100.2	4.8	1.4	1.1
1130	9/16/2014 4:16:11	17.50	52.53	34.67	7.72	7.98	3.6	2.437	99.5	5.2	1.6	1.2
1131	9/16/2014 4:31:12	17.43	52.48	34.62	7.69	7.98	3.4	2.497	98.9	4.9	1.5	1.2
1132	9/16/2014 4:46:12	17.30	52.47	34.62	7.69	7.98	3.7	2.558	98.7	4.7	1.4	1.1
1133	9/16/2014 5:01:11	17.12	52.40	34.56	7.73	7.98	3.8	2.627	98.7	5.3	1.6	1.2
1134	9/16/2014 5:16:11	17.01	52.40	34.56	7.75	7.99	3.8	2.679	98.8	4.6	1.4	1.1
1135	9/16/2014 5:31:11	16.82	52.41	34.57	7.80	7.99	3.4	2.743	99.1	5.0	1.5	1.2
1136	9/16/2014 5:46:11	16.75	52.33	34.51	7.83	7.99	3.3	2.803	99.3	7.8	2.3	1.8
1137	9/16/2014 6:01:12	16.64	52.42	34.57	7.84	8.00	3.2	2.850	99.2	6.9	2.1	1.6
1138	9/16/2014 6:16:12	16.49	52.34	34.51	7.88	8.00	3.2	2.909	99.5	5.1	1.5	1.2
1139	9/16/2014 6:31:11	16.30	52.24	34.44	7.94	8.00	3.3	2.953	99.8	5.1	1.5	1.2
1140	9/16/2014 6:46:11	16.19	52.32	34.49	7.93	8.00	3.3	2.986	99.5	4.7	1.4	1.1
1141	9/16/2014 7:01:12	16.11	52.35	34.51	7.91	8.00	2.9	3.029	99.1	5.2	1.6	1.2
1142	9/16/2014 7:16:12	16.27	52.35	34.51	7.65	7.99	3.3	3.041	96.2	4.2	1.3	1.0
1143	9/16/2014 7:31:11	16.44	52.46	34.60	7.55	7.97	3.6	3.037	95.2	3.5	1.1	0.8
1144	9/16/2014 7:46:12	16.13	52.23	34.43	7.70	7.98	3.3	3.043	96.4	3.9	1.2	0.9
1145	9/16/2014 8:01:11	16.72	52.33	34.51	6.96	7.92	7.7	3.015	88.2	4.1	1.2	1.0
1146	9/16/2014 8:16:11	16.53	52.47	34.61	7.30	7.95	5.9	2.966	92.2	3.6	1.1	0.8
1147	9/16/2014 8:31:11	16.70	52.52	34.65	7.23	7.95	7.0	2.932	91.7	3.7	1.1	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
1148	9/16/2014 8:46:12	16.79	52.56	34.68	7.24	7.95	7.3	2.887	92.0	4.2	1.3	1.0
1149	9/16/2014 9:01:12	16.89	52.43	34.59	7.26	7.95	7.2	2.829	92.4	3.7	1.1	0.9
1150	9/16/2014 9:16:11	17.00	52.50	34.63	7.31	7.95	5.8	2.779	93.3	3.7	1.1	0.9
1151	9/16/2014 9:31:11	17.00	52.46	34.60	7.38	7.95	4.8	2.719	94.1	3.5	1.1	0.8
1152	9/16/2014 9:46:12	17.20	52.53	34.66	7.25	7.94	5.3	2.673	92.8	3.6	1.1	0.8
1153	9/16/2014 10:01:11	17.11	52.47	34.62	7.45	7.96	3.9	2.624	95.2	4.0	1.2	0.9
1154	9/16/2014 10:16:11	17.30	52.51	34.65	7.19	7.94	4.7	2.575	92.2	3.8	1.1	0.9
1155	9/16/2014 10:31:12	17.32	52.53	34.67	7.22	7.94	4.0	2.534	92.7	3.6	1.1	0.8
1156	9/16/2014 10:46:12	17.42	52.60	34.72	7.14	7.93	3.8	2.499	91.8	3.7	1.1	0.9
1157	9/16/2014 11:01:12	17.52	52.58	34.71	7.04	7.92	4.0	2.467	90.7	3.5	1.1	0.8
1158	9/16/2014 11:16:11	17.57	52.56	34.69	6.96	7.91	2.8	2.441	89.7	3.0	0.9	0.7
1159	9/16/2014 11:31:11	17.61	52.54	34.67	7.05	7.92	3.6	2.418	91.0	4.1	1.2	1.0
1160	9/16/2014 11:46:12	17.65	52.58	34.70	6.93	7.91	2.8	2.408	89.5	3.7	1.1	0.9
1161	9/16/2014 12:01:12	17.74	52.53	34.66	6.74	7.89	8.7	2.395	87.2	3.0	0.9	0.7
1162	9/16/2014 12:16:11	17.70	52.27	34.47	7.48	7.95	29.9	2.390	96.5	4.6	1.4	1.1
1163	9/16/2014 12:31:11	17.63	52.46	34.61	7.41	7.95	11.9	2.389	95.6	5.4	1.6	1.3
1164	9/16/2014 12:46:12	17.70	52.61	34.72	7.47	7.96	5.0	2.399	96.6	5.7	1.7	1.3
1165	9/16/2014 13:01:12	17.61	52.53	34.67	7.52	7.96	8.6	2.421	97.0	6.4	1.9	1.5
1166	9/16/2014 13:16:11	17.55	52.51	34.65	7.61	7.97	3.1	2.440	98.1	5.9	1.8	1.4
1167	9/16/2014 13:31:11	17.59	52.53	34.66	7.70	7.97	3.1	2.471	99.3	6.6	2.0	1.6
1168	9/16/2014 13:46:11	17.49	52.49	34.64	7.81	7.99	3.2	2.511	100.5	6.8	2.0	1.6
1169	9/16/2014 14:01:11	17.38	52.56	34.69	7.80	7.98	3.1	2.546	100.2	6.4	1.9	1.5
1170	9/16/2014 14:16:11	17.28	52.42	34.58	7.77	7.98	2.8	2.589	99.5	6.2	1.9	1.5
1171	9/16/2014 14:31:12	17.19	52.41	34.58	7.77	7.98	3.1	2.640	99.4	7.0	2.1	1.6
1172	9/16/2014 14:46:11	17.12	52.36	34.54	7.85	7.99	3.2	2.686	100.3	5.3	1.6	1.2
1173	9/16/2014 15:01:11	17.08	52.26	34.46	7.90	7.99	3.2	2.740	100.8	4.9	1.5	1.1
1174	9/16/2014 15:16:12	16.94	52.36	34.53	7.86	7.99	3.2	2.790	100.1	5.5	1.7	1.3
1175	9/16/2014 15:31:11	16.83	52.29	34.48	8.02	8.01	3.1	2.855	101.8	6.4	1.9	1.5
1176	9/16/2014 15:46:12	16.58	52.34	34.51	8.21	8.02	2.8	2.897	103.7	5.9	1.8	1.4
1177	9/16/2014 16:01:11	16.38	52.32	34.50	8.33	8.03	2.8	2.964	104.9	5.7	1.7	1.3
1178	9/16/2014 16:16:12	16.32	52.29	34.47	8.39	8.04	2.5	3.025	105.4	6.0	1.8	1.4
1179	9/16/2014 16:31:12	16.24	52.30	34.48	8.41	8.04	2.4	3.075	105.6	5.8	1.7	1.4
1180	9/16/2014 16:46:11	16.20	52.31	34.49	8.48	8.05	2.9	3.142	106.4	5.9	1.8	1.4
1181	9/16/2014 17:01:11	16.11	52.26	34.45	8.56	8.05	2.4	3.193	107.2	5.6	1.7	1.3
1182	9/16/2014 17:16:12	15.94	52.20	34.40	8.64	8.06	2.3	3.239	107.8	5.1	1.5	1.2
1183	9/16/2014 17:31:11	15.83	52.15	34.36	8.75	8.06	2.1	3.288	108.9	4.7	1.4	1.1
1184	9/16/2014 17:46:12	15.73	52.25	34.43	8.79	8.07	2.1	3.336	109.3	5.0	1.5	1.2
1185	9/16/2014 18:01:11	15.58	52.04	34.27	8.91	8.08	2.0	3.355	110.3	5.0	1.5	1.2
1186	9/16/2014 18:16:12	15.50	52.11	34.32	8.95	8.09	1.9	3.386	110.6	5.3	1.6	1.3
1187	9/16/2014 18:31:11	15.55	52.11	34.32	8.86	8.07	1.8	3.402	109.6	4.7	1.4	1.1
1188	9/16/2014 18:46:11	15.84	52.14	34.35	8.63	8.06	2.1	3.400	107.4	4.2	1.3	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
1189	9/16/2014 19:01:11	15.48	52.17	34.37	8.76	8.07	1.5	3.385	108.3	3.5	1.1	0.8
1190	9/16/2014 19:16:12	15.47	52.16	34.36	8.72	8.07	1.5	3.360	107.8	3.8	1.1	0.9
1191	9/16/2014 19:31:11	15.54	52.16	34.36	8.68	8.07	6.8	3.329	107.3	3.7	1.1	0.9
1192	9/16/2014 19:46:11	16.14	52.07	34.31	8.40	8.05	3.6	3.280	105.1	3.7	1.1	0.9
1193	9/16/2014 20:01:11	16.83	52.17	34.39	7.98	8.02	4.9	3.213	101.3	4.5	1.4	1.1
1194	9/16/2014 20:16:11	16.76	52.23	34.44	8.06	8.02	4.4	3.156	102.2	4.9	1.5	1.1
1195	9/16/2014 20:31:11	17.09	52.28	34.48	8.12	8.03	4.7	3.080	103.6	4.7	1.4	1.1
1196	9/16/2014 20:46:11	17.18	52.39	34.56	8.30	8.04	4.0	2.998	106.1	5.4	1.6	1.3
1197	9/16/2014 21:01:11	17.09	52.35	34.52	8.29	8.04	4.0	2.925	105.9	5.0	1.5	1.2
1198	9/16/2014 21:16:11	17.08	52.23	34.44	8.28	8.03	3.9	2.837	105.7	5.1	1.5	1.2
1199	9/16/2014 21:31:11	17.09	52.27	34.47	8.27	8.03	3.7	2.762	105.5	5.2	1.6	1.2
1200	9/16/2014 21:46:11	17.31	52.34	34.52	8.19	8.03	4.0	2.681	104.9	5.2	1.6	1.2
1201	9/16/2014 22:01:11	17.61	52.47	34.62	8.08	8.01	4.3	2.605	104.3	5.2	1.6	1.2
1202	9/16/2014 22:16:11	17.87	52.31	34.51	8.11	8.02	4.3	2.508	105.0	4.9	1.5	1.2
1203	9/16/2014 22:31:11	17.86	52.34	34.53	8.09	8.01	4.5	2.426	104.8	5.0	1.5	1.2
1204	9/16/2014 22:46:11	17.69	52.43	34.59	8.09	8.01	5.6	2.342	104.5	4.7	1.4	1.1
1205	9/16/2014 23:01:11	17.24	52.43	34.59	7.96	8.01	6.5	2.256	101.9	4.3	1.3	1.0
1206	9/16/2014 23:16:11	17.26	52.37	34.54	7.92	8.01	7.0	2.169	101.4	4.4	1.3	1.0
1207	9/16/2014 23:31:11	17.61	52.50	34.64	8.04	8.02	5.9	2.082	103.8	5.2	1.6	1.2
1208	9/16/2014 23:46:11	17.49	52.43	34.59	8.00	8.01	5.5	2.002	103.0	5.1	1.5	1.2
1209	9/17/2014 0:01:11	17.95	52.35	34.53	8.09	8.03	4.7	1.913	105.0	5.1	1.5	1.2
1210	9/17/2014 0:16:11	17.92	52.56	34.69	8.01	8.03	4.7	1.844	104.0	4.9	1.5	1.2
1211	9/17/2014 0:31:12	17.94	52.47	34.62	8.02	8.03	4.3	1.787	104.1	5.3	1.6	1.2
1212	9/17/2014 0:46:12	18.07	52.60	34.72	8.06	8.03	4.2	1.721	105.0	5.4	1.6	1.3
1213	9/17/2014 1:01:11	18.23	52.52	34.66	8.20	8.05	3.9	1.678	107.0	5.5	1.7	1.3
1214	9/17/2014 1:16:11	18.48	52.64	34.75	8.26	8.06	3.7	1.666	108.4	6.1	1.8	1.4
1215	9/17/2014 1:31:11	18.73	52.67	34.78	8.43	8.07	11.4	1.639	111.1	6.3	1.9	1.5
1216	9/17/2014 1:46:11	18.74	52.61	34.73	8.25	8.05	2.9	1.642	108.7	5.2	1.6	1.2
1217	9/17/2014 2:01:11	18.77	52.67	34.78	8.54	8.07	2.8	1.668	112.7	6.6	2.0	1.6
1218	9/17/2014 2:16:11	18.75	52.67	34.78	8.55	8.07	2.8	1.688	112.9	5.7	1.7	1.3
1219	9/17/2014 2:31:11	18.83	52.63	34.74	8.58	8.07	3.0	1.729	113.3	5.1	1.5	1.2
1220	9/17/2014 2:46:11	18.82	52.71	34.81	8.59	8.07	3.5	1.783	113.5	5.4	1.6	1.3
1221	9/17/2014 3:01:11	18.74	52.63	34.75	8.53	8.07	3.3	1.831	112.4	4.7	1.4	1.1
1222	9/17/2014 3:16:11	18.74	52.71	34.81	8.18	8.04	4.2	1.910	108.0	5.4	1.6	1.3
1223	9/17/2014 3:31:11	18.96	52.53	34.67	7.58	7.98	5.9	1.968	100.3	5.1	1.5	1.2
1224	9/17/2014 3:46:11	18.92	52.59	34.72	7.50	7.97	5.4	2.021	99.2	5.6	1.7	1.3
1225	9/17/2014 4:01:11	18.69	52.63	34.75	7.67	7.99	4.6	2.094	101.1	5.0	1.5	1.2
1226	9/17/2014 4:16:11	18.58	52.47	34.63	7.73	7.99	4.6	2.124	101.6	5.3	1.6	1.2
1227	9/17/2014 4:31:11	18.50	52.58	34.71	7.81	8.00	4.1	2.214	102.5	5.2	1.6	1.2
1228	9/17/2014 4:46:11	18.16	52.46	34.62	7.83	8.00	3.9	2.271	102.1	5.0	1.5	1.2
1229	9/17/2014 5:01:11	17.95	52.40	34.57	7.72	7.99	3.4	2.330	100.3	5.3	1.6	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
1230	9/17/2014 5:16:12	17.80	52.49	34.64	7.63	7.98	3.6	2.402	98.8	4.5	1.4	1.1
1231	9/17/2014 5:31:11	17.71	52.30	34.50	7.60	7.98	3.1	2.456	98.2	4.8	1.4	1.1
1232	9/17/2014 5:46:11	17.56	52.37	34.55	7.60	7.98	3.3	2.526	97.8	4.2	1.3	1.0
1233	9/17/2014 6:01:11	17.36	52.34	34.52	7.63	7.98	3.1	2.588	97.9	4.7	1.4	1.1
1234	9/17/2014 6:16:11	17.22	52.33	34.51	7.62	7.98	3.1	2.631	97.6	4.6	1.4	1.1
1235	9/17/2014 6:31:11	17.04	52.33	34.51	7.69	7.99	3.4	2.707	98.1	4.6	1.4	1.1
1236	9/17/2014 6:46:12	16.98	52.32	34.50	7.69	7.99	3.3	2.758	98.0	4.9	1.5	1.1
1237	9/17/2014 7:01:12	16.87	52.16	34.38	7.74	8.00	2.9	2.818	98.3	4.7	1.4	1.1
1238	9/17/2014 7:16:11	16.73	51.94	34.22	7.79	8.00	3.4	2.863	98.6	4.7	1.4	1.1
1239	9/17/2014 7:31:11	16.55	52.23	34.43	7.88	8.01	2.9	2.921	99.5	3.9	1.2	0.9
1240	9/17/2014 7:46:11	16.31	52.27	34.45	7.99	8.02	2.9	2.962	100.4	4.1	1.2	1.0
1241	9/17/2014 8:01:11	16.28	52.24	34.43	7.93	8.02	2.8	2.992	99.6	3.8	1.1	0.9
1242	9/17/2014 8:16:11	16.28	52.24	34.43	7.97	8.02	2.8	3.038	100.1	4.0	1.2	0.9
1243	9/17/2014 8:31:11	16.90	52.34	34.52	7.58	7.99	5.4	3.037	96.4	4.0	1.2	0.9
1244	9/17/2014 8:46:11	16.54	52.25	34.45	7.66	7.99	3.7	3.027	96.7	3.4	1.0	0.8
1245	9/17/2014 9:01:12	16.13	52.19	34.40	7.79	8.01	2.8	3.046	97.6	3.5	1.1	0.8
1246	9/17/2014 9:16:12	16.29	52.14	34.36	7.70	8.00	2.8	3.022	96.7	3.3	1.0	0.8
1247	9/17/2014 9:31:12	16.62	52.36	34.53	7.39	7.97	4.2	2.994	93.5	3.7	1.1	0.9
1248	9/17/2014 9:46:11	16.72	52.08	34.33	7.48	7.98	4.2	2.940	94.6	3.1	0.9	0.7
1249	9/17/2014 10:01:12	16.81	52.39	34.55	7.46	7.97	4.3	2.889	94.7	3.4	1.0	0.8
1250	9/17/2014 10:16:12	16.88	52.35	34.52	7.50	7.98	4.1	2.846	95.4	4.0	1.2	0.9
1251	9/17/2014 10:31:11	16.93	52.29	34.48	7.66	7.98	3.6	2.797	97.4	3.6	1.1	0.8
1252	9/17/2014 10:46:12	17.07	52.27	34.47	7.57	7.98	4.2	2.753	96.6	3.9	1.2	0.9
1253	9/17/2014 11:01:12	17.13	52.40	34.56	7.52	7.97	3.6	2.698	96.1	3.5	1.1	0.8
1254	9/17/2014 11:16:11	17.23	52.42	34.58	7.48	7.97	3.4	2.654	95.8	3.1	0.9	0.7
1255	9/17/2014 11:31:12	17.28	52.44	34.60	7.39	7.96	3.1	2.622	94.7	3.4	1.0	0.8
1256	9/17/2014 11:46:12	17.37	52.36	34.54	7.42	7.96	3.9	2.568	95.2	3.3	1.0	0.8
1257	9/17/2014 12:01:11	17.45	52.31	34.50	7.41	7.96	3.7	2.508	95.2	3.3	1.0	0.8
1258	9/17/2014 12:16:12	17.45	52.48	34.63	7.36	7.96	4.0	2.495	94.6	3.7	1.1	0.9
1259	9/17/2014 12:31:11	17.66	52.44	34.60	7.29	7.95	3.9	2.476	94.1	4.5	1.4	1.0
1260	9/17/2014 12:46:12	17.52	52.49	34.64	7.46	7.96	4.0	2.419	96.0	4.0	1.2	0.9
1261	9/17/2014 13:01:12	17.62	52.34	34.53	7.32	7.95	4.0	2.419	94.3	4.1	1.2	1.0
1262	9/17/2014 13:16:11	17.52	52.39	34.56	7.51	7.96	3.4	2.411	96.6	4.7	1.4	1.1
1263	9/17/2014 13:31:11	17.48	52.34	34.52	7.46	7.96	3.6	2.386	96.0	4.7	1.4	1.1
1264	9/17/2014 13:46:11	17.54	52.39	34.56	7.57	7.97	4.3	2.390	97.4	4.6	1.4	1.1
1265	9/17/2014 14:01:11	17.66	52.25	34.46	7.61	7.97	3.1	2.392	98.2	5.2	1.6	1.2
1266	9/17/2014 14:16:12	17.84	52.49	34.64	7.57	7.97	3.1	2.418	98.2	5.8	1.7	1.4
1267	9/17/2014 14:31:11	17.84	52.30	34.49	7.63	7.98	2.6	2.428	98.7	5.9	1.8	1.4
1268	9/17/2014 14:46:11	17.85	52.45	34.61	7.66	7.98	2.9	2.445	99.2	6.9	2.1	1.6
1269	9/17/2014 15:01:11	17.82	52.27	34.48	7.75	7.99	2.8	2.499	100.3	6.3	1.9	1.5
1270	9/17/2014 15:16:11	17.67	52.48	34.63	7.65	7.98	2.9	2.538	98.9	5.2	1.6	1.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
1271	9/17/2014 15:31:12	17.65	52.46	34.61	7.65	7.98	3.5	2.570	98.7	5.1	1.5	1.2
1272	9/17/2014 15:46:12	17.62	52.44	34.60	7.63	7.98	3.9	2.627	98.4	5.3	1.6	1.3
1273	9/17/2014 16:01:11	17.38	52.37	34.54	7.72	7.98	3.2	2.685	99.1	5.5	1.7	1.3
1274	9/17/2014 16:16:11	17.25	52.32	34.51	7.70	7.98	3.2	2.738	98.6	4.7	1.4	1.1
1275	9/17/2014 16:31:12	17.06	52.33	34.51	7.70	7.98	2.9	2.806	98.2	4.5	1.4	1.1
1276	9/17/2014 16:46:11	16.74	52.19	34.40	7.84	8.00	3.0	2.845	99.3	3.8	1.1	0.9
1277	9/17/2014 17:01:12	16.44	52.21	34.41	7.98	8.02	2.8	2.906	100.5	4.1	1.2	1.0
1278	9/17/2014 17:16:11	16.29	52.15	34.37	8.05	8.02	2.5	2.979	101.1	3.1	0.9	0.7
1279	9/17/2014 17:31:12	16.21	52.15	34.37	8.05	8.03	2.6	3.002	100.9	4.0	1.2	0.9
1280	9/17/2014 17:46:11	16.17	52.04	34.28	8.11	8.03	2.4	3.060	101.6	4.1	1.2	1.0
1281	9/17/2014 18:01:11	16.13	52.12	34.34	8.11	8.03	2.4	3.102	101.5	3.5	1.1	0.8
1282	9/17/2014 18:16:11	16.04	52.17	34.38	8.16	8.04	2.2	3.169	102.0	4.1	1.2	1.0
1283	9/17/2014 18:31:11	15.95	51.95	34.22	8.22	8.04	2.3	3.215	102.4	3.7	1.1	0.9
1284	9/17/2014 18:46:12	15.73	52.01	34.25	8.32	8.05	2.3	3.239	103.3	4.2	1.3	1.0
1285	9/17/2014 19:01:11	15.65	52.01	34.25	8.35	8.06	2.4	3.272	103.4	3.9	1.2	0.9
1286	9/17/2014 19:16:11	15.57	51.91	34.18	8.34	8.06	2.2	3.310	103.1	3.8	1.1	0.9
1287	9/17/2014 19:31:12	15.44	51.99	34.23	8.45	8.07	2.1	3.338	104.2	4.4	1.3	1.0
1288	9/17/2014 19:46:11	15.45	52.01	34.25	8.27	8.06	1.8	3.317	102.0	4.0	1.2	0.9
1289	9/17/2014 20:01:11	15.61	51.88	34.15	8.16	8.05	2.1	3.314	101.0	3.4	1.0	0.8
1290	9/17/2014 20:16:12	15.44	51.93	34.19	8.21	8.06	1.9	3.303	101.3	3.8	1.1	0.9
1291	9/17/2014 20:31:11	15.45	51.91	34.18	8.27	8.06	2.0	3.280	102.0	4.6	1.4	1.1
1292	9/17/2014 20:46:11	15.61	51.87	34.14	8.02	8.04	2.2	3.237	99.3	2.7	0.8	0.6
1293	9/17/2014 21:01:11	16.88	52.18	34.40	7.49	7.99	5.9	3.169	95.1	4.5	1.4	1.1
1294	9/17/2014 21:16:12	16.46	52.20	34.40	7.67	8.00	5.1	3.116	96.6	4.4	1.3	1.0
1295	9/17/2014 21:31:12	16.38	52.15	34.37	7.68	8.00	4.8	3.068	96.6	4.2	1.3	1.0
1296	9/17/2014 21:46:12	16.84	52.19	34.40	7.51	7.99	5.3	2.975	95.4	4.7	1.4	1.1
1297	9/17/2014 22:01:12	16.96	52.14	34.37	7.51	7.99	4.8	2.892	95.5	4.7	1.4	1.1
1298	9/17/2014 22:16:12	16.92	52.18	34.40	7.54	7.99	4.5	2.837	95.9	5.0	1.5	1.2
1299	9/17/2014 22:31:12	16.95	52.21	34.43	7.53	7.99	4.0	2.753	95.7	4.9	1.5	1.2
1300	9/17/2014 22:46:11	17.17	52.18	34.40	7.41	7.98	4.4	2.668	94.7	4.4	1.3	1.0
1301	9/17/2014 23:01:11	17.36	52.21	34.43	7.35	7.97	4.6	2.600	94.3	4.7	1.4	1.1
1302	9/17/2014 23:16:11	17.46	52.21	34.43	7.32	7.97	5.0	2.508	94.1	5.0	1.5	1.2
1303	9/17/2014 23:31:11	17.60	52.24	34.45	7.24	7.96	5.4	2.428	93.2	5.3	1.6	1.3
1304	9/17/2014 23:46:11	17.66	52.09	34.34	7.20	7.96	6.1	2.364	92.8	5.4	1.6	1.3
1305	9/18/2014 0:01:11	17.62	52.05	34.31	7.29	7.96	5.6	2.261	93.9	4.7	1.4	1.1
1306	9/18/2014 0:16:11	17.57	52.20	34.42	7.32	7.97	6.4	2.169	94.3	5.0	1.5	1.2
1307	9/18/2014 0:31:12	17.70	52.29	34.49	7.30	7.97	5.8	2.088	94.2	5.2	1.6	1.2
1308	9/18/2014 0:46:11	17.53	52.25	34.46	7.30	7.97	6.1	2.008	93.9	4.8	1.4	1.1
1309	9/18/2014 1:01:11	17.36	52.31	34.50	7.24	7.97	6.3	1.936	92.9	5.6	1.7	1.3
1310	9/18/2014 1:16:12	17.50	52.31	34.50	7.25	7.97	4.9	1.843	93.2	5.5	1.7	1.3
1311	9/18/2014 1:31:11	17.46	52.27	34.47	7.18	7.96	5.0	1.784	92.3	4.9	1.5	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
1312	9/18/2014 1:46:11	17.57	52.24	34.45	7.17	7.97	4.5	1.737	92.3	5.0	1.5	1.2
1313	9/18/2014 2:01:11	17.65	52.30	34.50	7.10	7.96	4.4	1.669	91.7	4.8	1.4	1.1
1314	9/18/2014 2:16:11	17.73	52.14	34.38	7.13	7.97	4.1	1.637	92.0	5.1	1.5	1.2
1315	9/18/2014 2:31:11	17.91	52.17	34.40	7.09	7.96	3.7	1.643	91.9	5.6	1.7	1.3
1316	9/18/2014 2:46:11	17.52	52.33	34.51	6.91	7.94	4.3	1.623	88.9	4.6	1.4	1.1
1317	9/18/2014 3:01:11	17.81	52.17	34.40	7.13	7.96	4.0	1.627	92.3	4.9	1.5	1.1
1318	9/18/2014 3:16:11	18.23	52.32	34.52	7.32	7.99	3.0	1.677	95.5	5.2	1.6	1.2
1319	9/18/2014 3:31:11	18.13	52.35	34.54	7.27	7.99	3.1	1.719	94.6	4.9	1.5	1.1
1320	9/18/2014 3:46:11	18.24	52.27	34.48	7.31	7.99	3.3	1.750	95.3	5.2	1.6	1.2
1321	9/18/2014 4:01:11	18.15	52.35	34.54	7.30	7.98	3.1	1.829	95.0	5.1	1.5	1.2
1322	9/18/2014 4:16:11	18.17	52.08	34.34	7.00	7.94	5.4	1.897	91.1	5.2	1.6	1.2
1323	9/18/2014 4:31:11	18.23	52.14	34.38	6.69	7.91	6.2	1.952	87.2	5.1	1.5	1.2
1324	9/18/2014 4:46:11	18.12	52.06	34.32	6.81	7.93	5.4	2.020	88.6	5.5	1.7	1.3
1325	9/18/2014 5:01:11	17.93	52.17	34.41	6.93	7.93	5.1	2.087	89.8	4.8	1.4	1.1
1326	9/18/2014 5:16:12	17.89	52.28	34.48	6.94	7.93	4.7	2.154	89.9	4.8	1.4	1.1
1327	9/18/2014 5:31:12	17.89	52.31	34.50	6.95	7.93	4.2	2.206	90.1	7.3	2.2	1.7
1328	9/18/2014 5:46:11	17.70	52.10	34.35	7.09	7.95	3.9	2.276	91.5	5.0	1.5	1.2
1329	9/18/2014 6:01:12	17.46	52.24	34.45	7.13	7.95	3.7	2.341	91.6	4.8	1.4	1.1
1330	9/18/2014 6:16:11	17.43	52.33	34.52	7.13	7.95	3.4	2.402	91.6	4.2	1.3	1.0
1331	9/18/2014 6:31:11	17.39	52.27	34.47	7.13	7.94	3.4	2.475	91.5	4.4	1.3	1.0
1332	9/18/2014 6:46:12	17.36	52.26	34.46	7.08	7.94	4.2	2.538	90.9	4.3	1.3	1.0
1333	9/18/2014 7:01:12	17.27	52.20	34.42	7.12	7.94	4.0	2.609	91.2	5.9	1.8	1.4
1334	9/18/2014 7:16:12	17.05	52.11	34.35	7.19	7.95	3.6	2.670	91.6	5.0	1.5	1.2
1335	9/18/2014 7:31:12	16.93	52.09	34.33	7.25	7.96	4.1	2.737	92.1	4.2	1.3	1.0
1336	9/18/2014 7:46:12	16.86	52.16	34.38	7.25	7.96	3.9	2.805	92.1	3.7	1.1	0.9
1337	9/18/2014 8:01:11	16.76	52.03	34.29	7.31	7.96	4.0	2.867	92.5	3.6	1.1	0.8
1338	9/18/2014 8:16:11	16.58	52.12	34.35	7.39	7.97	3.8	2.934	93.4	3.4	1.0	0.8
1339	9/18/2014 8:31:12	16.46	52.12	34.35	7.42	7.98	3.8	2.985	93.5	3.7	1.1	0.9
1340	9/18/2014 8:46:12	16.23	52.03	34.28	7.52	7.99	3.5	3.042	94.3	3.4	1.0	0.8
1341	9/18/2014 9:01:11	16.07	51.86	34.15	7.68	8.01	3.2	3.073	95.9	3.4	1.0	0.8
1342	9/18/2014 9:16:12	16.03	52.09	34.32	7.58	8.00	2.6	3.106	94.7	3.0	0.9	0.7
1343	9/18/2014 9:31:12	16.35	52.11	34.34	7.02	7.96	3.7	3.131	88.3	3.0	0.9	0.7
1344	9/18/2014 9:46:11	16.43	52.01	34.27	7.22	7.97	3.6	3.129	90.9	3.1	0.9	0.7
1345	9/18/2014 10:01:11	16.04	51.98	34.24	7.46	7.99	3.1	3.131	93.2	2.6	0.8	0.6
1346	9/18/2014 10:16:11	16.11	51.80	34.10	7.44	7.99	2.8	3.096	93.0	2.8	0.8	0.7
1347	9/18/2014 10:31:11	16.43	52.07	34.31	7.26	7.97	3.3	3.064	91.3	2.7	0.8	0.6
1348	9/18/2014 10:46:11	16.72	52.07	34.31	7.14	7.96	3.7	3.022	90.4	3.4	1.0	0.8
1349	9/18/2014 11:01:12	17.16	52.15	34.38	7.07	7.95	4.4	2.959	90.3	2.6	0.8	0.6
1350	9/18/2014 11:16:12	17.07	52.11	34.35	7.27	7.96	4.0	2.900	92.6	7.2	2.2	1.7
1351	9/18/2014 11:31:11	17.16	52.13	34.36	7.24	7.96	4.0	2.847	92.5	3.6	1.1	0.9
1352	9/18/2014 11:46:11	17.27	52.08	34.33	7.16	7.95	3.8	2.793	91.6	3.9	1.2	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
1353	9/18/2014 12:01:11	17.40	52.11	34.36	7.13	7.95	4.2	2.715	91.5	3.5	1.1	0.8
1354	9/18/2014 12:16:11	17.48	52.20	34.42	7.04	7.94	3.7	2.673	90.5	3.4	1.0	0.8
1355	9/18/2014 12:31:11	17.49	52.10	34.35	7.02	7.94	3.5	2.631	90.2	3.8	1.1	0.9
1356	9/18/2014 12:46:11	17.62	52.06	34.32	7.01	7.94	3.3	2.571	90.2	3.5	1.1	0.8
1357	9/18/2014 13:01:11	17.75	52.04	34.30	6.95	7.92	3.3	2.534	89.7	3.4	1.0	0.8
1358	9/18/2014 13:16:11	17.83	52.29	34.49	6.96	7.92	3.3	2.487	90.0	3.2	1.0	0.8
1359	9/18/2014 13:31:11	17.93	52.06	34.32	6.95	7.91	3.4	2.464	90.0	3.6	1.1	0.8
1360	9/18/2014 13:46:12	17.98	52.28	34.49	6.96	7.92	2.9	2.427	90.4	3.6	1.1	0.8
1361	9/18/2014 14:01:12	18.03	52.27	34.48	7.04	7.93	2.9	2.393	91.4	3.6	1.1	0.8
1362	9/18/2014 14:16:12	18.13	52.28	34.48	7.06	7.94	2.8	2.378	91.9	3.2	1.0	0.8
1363	9/18/2014 14:31:11	18.13	52.15	34.39	7.14	7.94	2.3	2.347	92.8	3.4	1.0	0.8
1364	9/18/2014 14:46:11	18.18	52.13	34.37	7.26	7.95	2.7	2.344	94.5	4.2	1.3	1.0
1365	9/18/2014 15:01:11	18.21	52.09	34.35	7.23	7.94	3.2	2.348	94.2	3.8	1.1	0.9
1366	9/18/2014 15:16:11	18.09	52.03	34.30	7.20	7.94	2.8	2.355	93.6	3.6	1.1	0.8
1367	9/18/2014 15:31:11	18.10	52.22	34.44	7.20	7.94	2.8	2.363	93.7	4.1	1.2	1.0
1368	9/18/2014 15:46:12	18.14	52.32	34.52	7.27	7.95	2.9	2.394	94.7	4.5	1.4	1.1
1369	9/18/2014 16:01:11	18.15	52.19	34.42	7.30	7.95	3.2	2.434	95.0	4.5	1.4	1.1
1370	9/18/2014 16:16:11	18.02	52.04	34.30	7.28	7.95	3.1	2.468	94.5	4.6	1.4	1.1
1371	9/18/2014 16:31:12	17.96	52.26	34.47	7.26	7.95	3.4	2.519	94.2	4.7	1.4	1.1
1372	9/18/2014 16:46:12	18.01	52.17	34.41	7.41	7.96	3.5	2.576	96.2	5.4	1.6	1.3
1373	9/18/2014 17:01:11	17.92	52.02	34.29	7.45	7.96	3.4	2.629	96.5	3.7	1.1	0.9
1374	9/18/2014 17:16:11	17.76	52.16	34.39	7.48	7.97	3.2	2.689	96.6	4.5	1.4	1.1
1375	9/18/2014 17:31:11	17.62	52.16	34.39	7.46	7.97	3.1	2.750	96.1	3.9	1.2	0.9
1376	9/18/2014 17:46:11	17.47	52.03	34.29	7.45	7.97	3.0	2.807	95.7	3.9	1.2	0.9
1377	9/18/2014 18:01:11	17.19	52.04	34.30	7.58	7.98	2.6	2.864	96.8	3.3	1.0	0.8
1378	9/18/2014 18:16:12	16.94	51.97	34.24	7.61	7.98	2.7	2.926	96.7	3.8	1.1	0.9
1379	9/18/2014 18:31:11	16.82	51.99	34.26	7.64	7.98	2.4	2.980	96.9	2.9	0.9	0.7
1380	9/18/2014 18:46:11	16.75	51.97	34.24	7.66	7.99	2.5	3.030	97.0	3.1	0.9	0.7
1381	9/18/2014 19:01:11	16.72	52.07	34.32	7.64	7.99	2.8	3.090	96.7	3.3	1.0	0.8
1382	9/18/2014 19:16:12	16.68	52.10	34.33	7.62	7.99	2.8	3.137	96.4	3.7	1.1	0.9
1383	9/18/2014 19:31:11	16.66	51.87	34.17	7.66	8.00	2.5	3.187	96.7	4.0	1.2	0.9
1384	9/18/2014 19:46:11	16.48	52.01	34.27	7.74	8.01	2.7	3.236	97.5	4.1	1.2	1.0
1385	9/18/2014 20:01:11	16.24	52.00	34.25	7.81	8.02	2.1	3.275	97.9	3.3	1.0	0.8
1386	9/18/2014 20:16:12	16.26	51.97	34.23	7.83	8.02	2.3	3.307	98.1	3.8	1.1	0.9
1387	9/18/2014 20:31:11	16.16	51.77	34.08	7.84	8.03	2.1	3.331	98.0	4.0	1.2	0.9
1388	9/18/2014 20:46:11	16.52	51.87	34.17	7.61	8.01	3.2	3.339	95.9	3.5	1.1	0.8
1389	9/18/2014 21:01:11	16.13	51.93	34.20	7.67	8.01	2.0	3.352	95.9	2.7	0.8	0.6
1390	9/18/2014 21:16:12	16.12	51.82	34.12	7.67	8.02	1.9	3.332	95.8	2.7	0.8	0.6
1391	9/18/2014 21:31:11	16.04	51.94	34.21	7.76	8.03	1.9	3.296	96.8	2.6	0.8	0.6
1392	9/18/2014 21:46:11	16.25	51.96	34.23	7.57	8.01	2.4	3.267	94.9	2.8	0.8	0.7
1393	9/18/2014 22:01:12	16.52	51.96	34.23	7.44	8.00	3.4	3.212	93.7	3.2	1.0	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
1394	9/18/2014 22:16:11	16.67	52.02	34.28	7.34	7.98	4.6	3.152	92.8	3.8	1.1	0.9
1395	9/18/2014 22:31:12	16.76	52.04	34.29	7.28	7.97	5.4	3.085	92.3	3.9	1.2	0.9
1396	9/18/2014 22:46:11	17.13	51.97	34.25	7.24	7.96	5.6	3.006	92.4	4.1	1.2	1.0
1397	9/18/2014 23:01:11	17.36	51.94	34.23	7.34	7.97	5.4	2.924	94.0	4.8	1.4	1.1
1398	9/18/2014 23:16:11	17.47	51.97	34.25	7.32	7.97	5.0	2.854	94.0	4.2	1.3	1.0
1399	9/18/2014 23:31:11	17.68	51.99	34.26	7.31	7.97	5.2	2.766	94.2	4.0	1.2	0.9
1400	9/18/2014 23:46:11	17.81	52.18	34.41	7.29	7.96	5.4	2.676	94.3	4.3	1.3	1.0
1401	9/19/2014 0:01:11	18.02	52.09	34.34	7.35	7.96	5.5	2.601	95.5	4.6	1.4	1.1
1402	9/19/2014 0:16:11	18.14	52.13	34.38	7.38	7.96	5.7	2.509	96.0	4.1	1.2	1.0
1403	9/19/2014 0:31:11	17.83	52.11	34.36	7.28	7.95	7.3	2.422	94.1	4.5	1.4	1.0
1404	9/19/2014 0:46:12	17.65	52.20	34.42	7.28	7.95	7.0	2.334	93.8	4.1	1.2	1.0
1405	9/19/2014 1:01:12	17.45	52.16	34.39	7.25	7.95	8.7	2.235	93.1	4.4	1.3	1.0
1406	9/19/2014 1:16:12	17.67	52.21	34.43	7.23	7.95	8.1	2.146	93.3	4.4	1.3	1.0
1407	9/19/2014 1:31:12	17.69	52.18	34.41	7.14	7.95	9.0	2.063	92.1	4.6	1.4	1.1
1408	9/19/2014 1:46:12	17.91	52.13	34.38	7.16	7.95	6.3	1.976	92.8	4.6	1.4	1.1
1409	9/19/2014 2:01:11	17.71	52.19	34.42	7.08	7.94	6.9	1.893	91.3	4.3	1.3	1.0
1410	9/19/2014 2:16:11	17.96	51.90	34.20	7.09	7.94	5.6	1.825	91.9	4.5	1.4	1.1
1411	9/19/2014 2:31:11	17.97	52.12	34.37	7.05	7.94	5.4	1.758	91.4	4.3	1.3	1.0
1412	9/19/2014 2:46:11	18.18	52.18	34.41	7.05	7.94	5.0	1.710	91.9	4.6	1.4	1.1
1413	9/19/2014 3:01:11	18.41	52.14	34.38	7.10	7.95	4.5	1.659	92.8	4.9	1.5	1.1
1414	9/19/2014 3:16:11	18.59	52.26	34.47	7.15	7.96	4.0	1.648	93.9	4.7	1.4	1.1
1415	9/19/2014 3:31:11	18.79	52.18	34.41	7.09	7.95	3.6	1.648	93.4	4.4	1.3	1.0
1416	9/19/2014 3:46:11	18.87	52.32	34.52	7.25	7.98	4.6	1.646	95.8	4.9	1.5	1.2
1417	9/19/2014 4:01:11	19.02	52.28	34.49	7.48	8.00	3.6	1.667	99.0	4.9	1.5	1.2
1418	9/19/2014 4:16:11	18.88	52.21	34.44	7.39	7.99	3.4	1.719	97.6	5.0	1.5	1.2
1419	9/19/2014 4:31:11	19.07	52.20	34.43	7.44	8.00	4.4	1.770	98.6	4.6	1.4	1.1
1420	9/19/2014 4:46:11	18.97	52.23	34.45	7.42	7.99	4.0	1.816	98.1	4.7	1.4	1.1
1421	9/19/2014 5:01:11	19.07	52.17	34.41	7.12	7.95	5.3	1.893	94.3	4.9	1.5	1.2
1422	9/19/2014 5:16:11	19.19	52.04	34.31	6.67	7.90	7.0	1.965	88.5	5.4	1.6	1.3
1423	9/19/2014 5:31:11	19.06	52.28	34.49	6.83	7.92	6.0	2.021	90.5	5.3	1.6	1.2
1424	9/19/2014 5:46:11	18.86	52.31	34.51	7.01	7.94	4.9	2.086	92.5	4.6	1.4	1.1
1425	9/19/2014 6:01:11	18.78	52.17	34.41	7.01	7.94	4.8	2.155	92.3	4.5	1.4	1.1
1426	9/19/2014 6:16:11	18.71	52.24	34.46	7.02	7.94	4.8	2.225	92.3	4.7	1.4	1.1
1427	9/19/2014 6:31:11	18.48	52.22	34.44	7.03	7.94	4.6	2.291	92.0	4.3	1.3	1.0
1428	9/19/2014 6:46:11	18.14	52.15	34.39	6.98	7.92	4.1	2.353	90.8	4.0	1.2	0.9
1429	9/19/2014 7:01:11	18.03	52.07	34.33	6.95	7.92	4.0	2.436	90.3	3.8	1.1	0.9
1430	9/19/2014 7:16:11	17.98	52.13	34.38	6.95	7.91	4.2	2.502	90.1	3.6	1.1	0.8
1431	9/19/2014 7:31:11	17.83	52.07	34.33	6.94	7.91	4.4	2.579	89.7	3.6	1.1	0.8
1432	9/19/2014 7:46:11	17.66	52.10	34.35	6.94	7.91	4.8	2.640	89.4	3.1	0.9	0.7
1433	9/19/2014 8:01:11	17.48	52.09	34.34	6.98	7.92	4.3	2.718	89.6	3.3	1.0	0.8
1434	9/19/2014 8:16:11	17.38	51.99	34.26	7.02	7.93	5.0	2.786	90.0	3.2	1.0	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = .30)	Fluorescence %FS
1435	9/19/2014 8:31:11	17.29	52.05	34.31	7.05	7.93	4.2	2.850	90.2	3.1	0.9	0.7
1436	9/19/2014 8:46:12	17.14	52.08	34.33	7.10	7.94	5.0	2.929	90.6	2.8	0.8	0.7
1437	9/19/2014 9:01:12	16.97	52.00	34.27	7.18	7.95	4.2	2.984	91.3	3.0	0.9	0.7
1438	9/19/2014 9:16:11	16.75	51.77	34.10	7.30	7.96	3.7	3.047	92.3	2.9	0.9	0.7
1439	9/19/2014 9:31:11	16.55	51.88	34.17	7.40	7.98	3.9	3.101	93.3	2.7	0.8	0.6
1440	9/19/2014 9:46:11	16.46	51.93	34.21	7.44	7.99	2.9	3.139	93.6	2.9	0.9	0.7
1441	9/19/2014 10:01:11	16.39	51.88	34.17	7.47	7.99	3.1	3.183	93.8	2.5	0.8	0.6
1442	9/19/2014 10:16:11	16.43	52.05	34.30	7.23	7.97	2.7	3.199	91.0	2.7	0.8	0.6
1443	9/19/2014 10:31:11	16.65	51.95	34.22	7.17	7.96	3.4	3.211	90.6	2.1	0.6	0.5
1444	9/19/2014 10:46:11	16.23	51.81	34.12	7.45	7.99	2.9	3.194	93.3	2.4	0.7	0.6
1445	9/19/2014 11:01:11	16.31	51.86	34.16	7.41	7.99	2.7	3.181	92.9	2.5	0.8	0.6
Mean		16.63	52.47	34.60	7.80	7.98	5.42	2.57	98.66	5.20	1.56	1.22
Minimum		12.82	51.36	33.76	6.43	7.89	1.50	1.07	83.70	2.10	0.63	0.50
Maximum		19.19	53.31	35.25	9.92	8.13	29.90	3.82	121.30	15.30	4.59	3.60

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

Chlorophyll/Fluorescence displayed as *in vivo* (non-extractive) readings from YSI 6025 chlorophyll probe

Chlorophyll corrected with ratio derived from extractive analysis; Sample collected at 9:45; value = 1.64

Flagged data due to suspect values (i.e., equipment malfunction, interference, etc.)

Data listed as outlier and discarded due to field issues (i.e., equipment malfunction, interference, etc.)

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
0	9/19/2014 11:31:03	16.79	51.76	34.09	7.14	7.94	3.7	2.966	90.4	2.0	0.7	0.5
1	9/19/2014 11:46:03	17.14	51.76	34.09	7.10	7.94	4.9	2.914	90.5	2.3	0.9	0.5
2	9/19/2014 12:01:03	17.15	51.75	34.08	7.23	7.95	4.8	2.840	92.2	2.4	0.9	0.6
3	9/19/2014 12:16:03	17.24	51.76	34.09	7.17	7.95	5.0	2.773	91.6	2.9	1.1	0.7
4	9/19/2014 12:31:03	17.48	51.79	34.11	7.09	7.94	4.5	2.699	91.0	2.9	1.1	0.7
5	9/19/2014 12:46:03	17.70	51.83	34.15	7.00	7.94	4.5	2.637	90.2	3.2	1.2	0.8
6	9/19/2014 13:01:03	17.83	51.83	34.15	6.97	7.93	4.2	2.582	90.0	2.9	1.1	0.7
7	9/19/2014 13:16:03	17.91	51.84	34.16	6.98	7.93	3.9	2.511	90.3	3.5	1.3	0.8
8	9/19/2014 13:31:03	18.11	51.84	34.16	6.89	7.93	3.8	2.458	89.5	3.2	1.2	0.8
9	9/19/2014 13:46:03	18.20	51.84	34.16	6.85	7.92	3.6	2.404	89.2	3.6	1.3	0.8
10	9/19/2014 14:01:03	18.30	51.85	34.17	6.89	7.92	3.6	2.346	89.8	3.5	1.3	0.8
11	9/19/2014 14:16:03	18.41	51.84	34.16	6.93	7.93	3.4	2.297	90.5	3.4	1.3	0.8
12	9/19/2014 14:31:03	18.46	51.84	34.16	6.99	7.93	3.6	2.261	91.3	3.5	1.3	0.8
13	9/19/2014 14:46:03	18.57	51.82	34.15	7.11	7.94	3.2	2.216	93.1	3.3	1.2	0.8
14	9/19/2014 15:01:03	18.59	51.81	34.14	7.13	7.94	3.0	2.173	93.4	3.6	1.3	0.9
15	9/19/2014 15:16:03	18.70	51.76	34.10	7.12	7.94	2.9	2.160	93.5	2.9	1.1	0.7
16	9/19/2014 15:31:03	18.83	51.82	34.15	7.19	7.95	2.8	2.140	94.6	3.4	1.3	0.8
17	9/19/2014 15:46:03	18.93	51.79	34.13	7.23	7.95	2.8	2.129	95.4	3.9	1.4	0.9
18	9/19/2014 16:01:03	18.80	51.78	34.12	7.34	7.95	3.1	2.136	96.5	3.8	1.4	0.9
19	9/19/2014 16:16:03	18.81	51.77	34.11	7.36	7.95	3.5	2.155	96.8	4.0	1.5	1.0
20	9/19/2014 16:31:03	18.74	51.78	34.12	7.26	7.95	3.1	2.177	95.4	4.1	1.5	1.0
21	9/19/2014 16:46:03	18.83	51.79	34.13	7.34	7.95	3.1	2.215	96.6	4.7	1.7	1.1
22	9/19/2014 17:01:03	18.71	51.79	34.13	7.25	7.95	3.2	2.260	95.2	4.7	1.7	1.1
23	9/19/2014 17:16:03	18.57	51.74	34.09	7.17	7.94	3.4	2.318	93.9	3.7	1.4	0.9
24	9/19/2014 17:31:03	18.63	51.75	34.10	7.30	7.95	3.9	2.376	95.7	4.0	1.5	0.9
25	9/19/2014 17:46:03	18.37	51.71	34.06	7.36	7.95	4.1	2.432	95.9	3.7	1.4	0.9
26	9/19/2014 18:01:03	18.22	51.69	34.05	7.36	7.95	4.0	2.495	95.7	3.5	1.3	0.8
27	9/19/2014 18:16:03	18.16	51.69	34.05	7.32	7.95	3.2	2.558	95.1	3.5	1.3	0.8
28	9/19/2014 18:31:03	17.97	51.68	34.04	7.27	7.95	3.1	2.621	94.1	3.6	1.3	0.9
29	9/19/2014 18:46:03	17.63	51.59	33.97	7.30	7.96	3.2	2.684	93.9	3.0	1.1	0.7
30	9/19/2014 19:01:03	17.47	51.63	34.00	7.31	7.96	3.3	2.748	93.7	3.6	1.3	0.9
31	9/19/2014 19:16:03	17.35	51.63	34.00	7.34	7.96	2.9	2.815	93.9	2.8	1.0	0.7
32	9/19/2014 19:31:03	17.29	51.63	34.00	7.35	7.96	3.1	2.880	93.9	3.5	1.3	0.8
33	9/19/2014 19:46:03	17.25	51.62	33.99	7.35	7.97	3.4	2.943	93.9	3.3	1.2	0.8
34	9/19/2014 20:01:03	17.08	51.58	33.96	7.45	7.98	2.8	3.015	94.8	3.3	1.2	0.8
35	9/19/2014 20:16:03	16.87	51.58	33.96	7.56	7.99	2.7	3.075	95.8	3.6	1.3	0.9
36	9/19/2014 20:31:03	16.86	51.57	33.95	7.54	7.99	2.8	3.124	95.5	3.6	1.3	0.9
37	9/19/2014 20:46:03	16.61	51.53	33.91	7.70	8.01	2.4	3.180	97.0	3.6	1.3	0.9
38	9/19/2014 21:01:03	16.43	51.49	33.88	7.88	8.03	2.3	3.224	98.9	3.3	1.2	0.8
39	9/19/2014 21:16:03	16.37	51.45	33.86	7.85	8.04	6.4	3.253	98.4	3.2	1.2	0.8
40	9/19/2014 21:31:03	16.34	51.51	33.89	7.83	8.04	2.6	3.275	98.1	3.8	1.4	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
41	9/19/2014 21:46:03	16.80	51.53	33.92	7.54	8.01	2.7	3.296	95.3	3.2	1.2	0.8
42	9/19/2014 22:01:03	16.53	51.48	33.88	7.57	8.01	2.0	3.288	95.3	2.8	1.0	0.7
43	9/19/2014 22:16:03	16.29	51.48	33.87	7.77	8.03	2.1	3.263	97.3	2.2	0.8	0.5
44	9/19/2014 22:31:03	16.84	51.56	33.94	7.30	7.98	4.1	3.234	92.5	2.7	1.0	0.6
45	9/19/2014 22:46:03	16.73	51.60	33.97	7.40	7.99	3.5	3.187	93.5	2.9	1.1	0.7
46	9/19/2014 23:01:03	17.12	51.63	33.99	7.09	7.96	5.9	3.118	90.3	2.8	1.0	0.7
47	9/19/2014 23:16:03	17.04	51.63	33.99	7.17	7.96	5.9	3.043	91.2	3.1	1.1	0.7
48	9/19/2014 23:31:03	16.99	51.68	34.03	7.24	7.96	5.3	2.964	91.9	3.5	1.3	0.8
49	9/19/2014 23:46:03	17.50	51.72	34.07	7.10	7.95	5.9	2.887	91.1	3.4	1.3	0.8
50	9/20/2014 0:01:03	17.59	51.66	34.02	7.20	7.96	5.4	2.799	92.5	3.7	1.4	0.9
51	9/20/2014 0:16:02	17.63	51.69	34.04	7.19	7.95	5.9	2.716	92.5	3.5	1.3	0.8
52	9/20/2014 0:31:03	17.99	51.77	34.11	7.01	7.94	5.4	2.627	90.9	3.4	1.3	0.8
53	9/20/2014 0:46:03	18.03	51.76	34.10	7.04	7.94	5.1	2.534	91.3	3.5	1.3	0.8
54	9/20/2014 1:01:03	18.46	51.82	34.15	7.00	7.93	5.6	2.454	91.6	3.3	1.2	0.8
55	9/20/2014 1:16:03	18.47	51.83	34.15	7.11	7.94	5.9	2.362	92.9	3.5	1.3	0.8
56	9/20/2014 1:31:03	18.30	51.81	34.14	7.18	7.94	7.2	2.268	93.5	3.0	1.1	0.7
57	9/20/2014 1:46:03	18.29	51.81	34.14	7.11	7.94	6.8	2.177	92.6	4.3	1.6	1.0
58	9/20/2014 2:01:03	18.18	51.80	34.13	7.14	7.94	7.0	2.092	92.8	3.9	1.4	0.9
59	9/20/2014 2:16:03	18.14	51.81	34.14	7.07	7.94	7.5	1.991	91.9	3.1	1.1	0.7
60	9/20/2014 2:31:03	18.04	51.79	34.12	7.07	7.94	7.4	1.893	91.7	3.6	1.3	0.8
61	9/20/2014 2:46:03	18.17	51.79	34.12	7.09	7.94	6.2	1.817	92.2	4.0	1.5	0.9
62	9/20/2014 3:01:03	18.32	51.86	34.18	6.99	7.94	5.2	1.738	91.2	3.9	1.4	0.9
63	9/20/2014 3:16:03	18.24	51.85	34.17	7.04	7.94	4.8	1.664	91.7	3.4	1.3	0.8
64	9/20/2014 3:31:03	18.54	51.85	34.17	6.97	7.94	4.7	1.598	91.3	3.7	1.4	0.9
65	9/20/2014 3:46:03	18.58	51.86	34.18	7.03	7.94	4.1	1.578	92.2	3.9	1.4	0.9
66	9/20/2014 4:01:03	18.86	51.90	34.21	7.16	7.95	3.4	1.553	94.3	4.3	1.6	1.0
67	9/20/2014 4:16:02	19.00	51.91	34.22	7.21	7.96	2.9	1.524	95.2	4.1	1.5	1.0
68	9/20/2014 4:31:02	19.28	51.94	34.24	7.46	7.99	3.1	1.547	99.0	4.1	1.5	1.0
69	9/20/2014 4:46:02	19.15	51.91	34.22	7.45	7.98	2.9	1.587	98.7	4.4	1.6	1.0
70	9/20/2014 5:01:03	19.13	51.92	34.22	7.42	7.97	3.2	1.617	98.2	3.9	1.4	0.9
71	9/20/2014 5:16:03	19.20	51.94	34.24	7.46	7.98	3.6	1.665	99.0	4.1	1.5	1.0
72	9/20/2014 5:31:02	19.13	51.91	34.22	7.43	7.97	3.5	1.741	98.4	4.0	1.5	1.0
73	9/20/2014 5:46:03	19.20	51.88	34.19	6.87	7.91	5.7	1.817	91.1	4.2	1.6	1.0
74	9/20/2014 6:01:03	19.30	51.84	34.17	6.49	7.87	6.7	1.888	86.2	4.4	1.6	1.0
75	9/20/2014 6:16:02	19.07	51.85	34.17	6.74	7.90	5.5	1.959	89.1	4.6	1.7	1.1
76	9/20/2014 6:31:03	18.92	51.87	34.19	6.78	7.90	4.7	2.034	89.5	3.6	1.3	0.8
77	9/20/2014 6:46:03	18.84	51.88	34.19	6.81	7.91	4.7	2.115	89.7	3.6	1.3	0.8
78	9/20/2014 7:01:03	18.68	51.87	34.19	6.85	7.91	4.1	2.181	89.9	2.9	1.1	0.7
79	9/20/2014 7:16:03	18.35	51.85	34.17	6.76	7.90	4.3	2.258	88.2	2.6	1.0	0.6
80	9/20/2014 7:31:03	18.20	51.83	34.16	6.72	7.89	4.2	2.341	87.4	3.0	1.1	0.7
81	9/20/2014 7:46:03	18.10	51.82	34.15	6.69	7.89	4.5	2.412	86.9	2.9	1.1	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
82	9/20/2014 8:01:02	17.94	51.81	34.14	6.70	7.89	4.3	2.490	86.7	2.7	1.0	0.6
83	9/20/2014 8:16:03	17.76	51.78	34.11	6.71	7.89	5.5	2.565	86.5	2.3	0.9	0.5
84	9/20/2014 8:31:03	17.61	51.76	34.10	6.75	7.90	5.6	2.644	86.8	3.3	1.2	0.8
85	9/20/2014 8:46:03	17.48	51.75	34.09	6.82	7.91	5.6	2.722	87.5	2.6	1.0	0.6
86	9/20/2014 9:01:03	17.38	51.73	34.08	6.84	7.92	5.6	2.794	87.6	3.1	1.1	0.7
87	9/20/2014 9:16:03	17.21	51.70	34.05	6.96	7.93	5.1	2.867	88.8	3.1	1.1	0.7
88	9/20/2014 9:31:03	16.95	51.67	34.02	7.12	7.95	6.7	2.942	90.4	2.7	1.0	0.6
89	9/20/2014 9:46:03	16.71	51.63	33.99	7.29	7.96	5.3	3.005	92.0	2.1	0.8	0.5
90	9/20/2014 10:01:03	16.61	51.58	33.95	7.35	7.98	4.1	3.066	92.7	3.0	1.1	0.7
91	9/20/2014 10:16:03	16.44	51.58	33.95	7.51	7.99	4.3	3.124	94.3	2.6	1.0	0.6
92	9/20/2014 10:31:03	16.18	51.55	33.92	7.79	8.02	2.8	3.166	97.4	3.2	1.2	0.8
93	9/20/2014 10:46:03	16.21	51.54	33.92	7.77	8.02	2.8	3.196	97.1	3.3	1.2	0.8
94	9/20/2014 11:01:03	16.80	51.61	33.98	7.31	7.98	3.2	3.214	92.5	2.3	0.9	0.6
95	9/20/2014 11:16:03	16.49	51.66	34.01	7.44	7.99	2.5	3.215	93.6	2.0	0.7	0.5
96	9/20/2014 11:31:03	16.17	51.54	33.91	7.64	8.01	2.3	3.195	95.4	1.6	0.6	0.4
97	9/20/2014 11:46:03	16.21	51.55	33.92	7.66	8.01	2.8	3.159	95.8	2.5	0.9	0.6
98	9/20/2014 12:01:03	16.39	51.56	33.93	7.63	8.01	2.6	3.106	95.7	2.7	1.0	0.6
99	9/20/2014 12:16:03	16.80	51.65	34.00	7.43	7.98	3.9	3.037	94.0	2.4	0.9	0.6
100	9/20/2014 12:31:03	16.95	51.63	34.00	7.49	7.98	4.5	2.972	95.0	2.7	1.0	0.6
101	9/20/2014 12:46:03	17.12	51.64	34.00	7.41	7.97	3.9	2.897	94.4	2.6	1.0	0.6
102	9/20/2014 13:01:03	17.45	51.71	34.06	7.30	7.95	4.4	2.813	93.5	2.7	1.0	0.6
103	9/20/2014 13:16:03	17.56	51.74	34.08	7.20	7.94	4.4	2.748	92.5	2.8	1.0	0.7
104	9/20/2014 13:31:03	17.68	51.71	34.06	7.16	7.94	4.4	2.675	92.1	2.7	1.0	0.6
105	9/20/2014 13:46:03	17.93	51.80	34.13	7.12	7.93	3.9	2.601	92.1	3.0	1.1	0.7
106	9/20/2014 14:01:03	18.15	51.77	34.11	7.08	7.92	3.9	2.540	92.1	2.8	1.0	0.7
107	9/20/2014 14:16:03	18.42	51.82	34.15	7.09	7.92	3.9	2.461	92.7	2.9	1.1	0.7
108	9/20/2014 14:31:03	18.59	51.85	34.17	7.10	7.91	4.1	2.412	93.1	2.8	1.0	0.7
109	9/20/2014 14:46:03	18.66	51.84	34.17	7.15	7.92	3.4	2.354	93.8	3.2	1.2	0.8
110	9/20/2014 15:01:03	18.74	51.85	34.17	7.31	7.93	3.5	2.284	96.1	3.0	1.1	0.7
111	9/20/2014 15:16:03	18.92	51.85	34.17	7.40	7.94	3.6	2.244	97.6	3.1	1.1	0.7
112	9/20/2014 15:31:02	18.98	51.82	34.15	7.44	7.94	3.7	2.201	98.3	3.0	1.1	0.7
113	9/20/2014 15:46:02	19.04	51.81	34.14	7.48	7.94	3.6	2.154	98.8	3.4	1.3	0.8
114	9/20/2014 16:01:02	19.09	51.84	34.17	7.49	7.94	3.6	2.130	99.0	3.3	1.2	0.8
115	9/20/2014 16:16:02	19.16	51.82	34.15	7.53	7.95	4.0	2.103	99.7	2.9	1.1	0.7
116	9/20/2014 16:31:03	19.19	51.83	34.16	7.52	7.95	2.8	2.091	99.7	3.8	1.4	0.9
117	9/20/2014 16:46:03	19.10	51.78	34.12	7.75	7.97	3.4	2.091	102.6	3.9	1.4	0.9
118	9/20/2014 17:01:03	19.19	51.83	34.15	7.79	7.96	3.1	2.115	103.2	4.3	1.6	1.0
119	9/20/2014 17:16:03	19.10	51.83	34.15	7.67	7.95	3.5	2.124	101.5	3.8	1.4	0.9
120	9/20/2014 17:31:03	19.18	51.84	34.16	7.68	7.96	3.0	2.174	101.8	3.9	1.4	0.9
121	9/20/2014 17:46:03	19.25	51.87	34.18	7.80	7.96	3.5	2.236	103.5	4.5	1.7	1.1
122	9/20/2014 18:01:03	19.17	51.86	34.18	7.66	7.95	3.7	2.282	101.5	4.1	1.5	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
123	9/20/2014 18:16:02	19.21	51.83	34.15	7.59	7.95	3.9	2.336	100.6	4.5	1.7	1.1
124	9/20/2014 18:31:03	19.26	51.85	34.17	7.51	7.94	4.7	2.413	99.7	4.5	1.7	1.1
125	9/20/2014 18:46:03	18.98	51.80	34.13	7.49	7.94	4.1	2.486	98.9	4.0	1.5	1.0
126	9/20/2014 19:01:03	18.80	51.82	34.14	7.45	7.94	4.5	2.552	98.0	4.1	1.5	1.0
127	9/20/2014 19:16:03	18.62	51.80	34.13	7.37	7.93	3.6	2.617	96.6	3.5	1.3	0.8
128	9/20/2014 19:31:03	18.00	51.75	34.09	7.31	7.93	3.6	2.689	94.7	3.2	1.2	0.8
129	9/20/2014 19:46:03	17.79	51.72	34.07	7.29	7.94	3.3	2.767	94.0	3.4	1.3	0.8
130	9/20/2014 20:01:03	17.69	51.72	34.06	7.25	7.94	3.1	2.834	93.3	2.9	1.1	0.7
131	9/20/2014 20:16:03	17.55	51.68	34.04	7.29	7.94	3.4	2.908	93.6	3.2	1.2	0.8
132	9/20/2014 20:31:03	17.42	51.64	34.01	7.37	7.95	3.6	2.986	94.4	3.3	1.2	0.8
133	9/20/2014 20:46:03	17.20	51.67	34.03	7.48	7.97	4.1	3.052	95.4	3.2	1.2	0.8
134	9/20/2014 21:01:03	17.06	51.60	33.97	7.52	7.97	3.2	3.125	95.6	3.5	1.3	0.8
135	9/20/2014 21:16:03	16.86	51.62	33.98	7.69	8.00	3.7	3.192	97.5	3.4	1.3	0.8
136	9/20/2014 21:31:03	16.68	51.56	33.94	7.96	8.02	2.9	3.253	100.5	3.5	1.3	0.8
137	9/20/2014 21:46:03	16.49	51.55	33.93	8.11	8.04	3.0	3.314	101.9	3.8	1.4	0.9
138	9/20/2014 22:01:03	16.36	51.54	33.92	8.20	8.05	2.4	3.365	102.9	4.1	1.5	1.0
139	9/20/2014 22:16:03	16.31	51.54	33.92	8.26	8.06	2.7	3.388	103.5	3.6	1.3	0.8
140	9/20/2014 22:31:03	16.51	51.51	33.90	8.09	8.05	2.7	3.403	101.7	5.1	1.9	1.2
141	9/20/2014 22:46:03	16.81	51.58	33.95	7.75	8.02	4.0	3.416	98.1	3.4	1.3	0.8
142	9/20/2014 23:01:03	16.38	51.53	33.91	8.00	8.04	2.3	3.403	100.3	2.9	1.1	0.7
143	9/20/2014 23:16:03	17.04	51.63	34.00	7.32	7.97	5.6	3.365	93.1	3.0	1.1	0.7
144	9/20/2014 23:31:03	16.63	51.62	33.98	7.74	8.01	4.1	3.308	97.6	3.2	1.2	0.8
145	9/20/2014 23:46:03	16.86	51.63	34.00	7.47	7.98	5.4	3.241	94.7	3.2	1.2	0.7
146	9/21/2014 0:01:03	16.67	51.60	33.97	7.69	8.00	7.8	3.166	97.0	3.4	1.3	0.8
147	9/21/2014 0:16:03	16.89	51.58	33.96	7.61	7.99	17.8	3.094	96.5	3.6	1.3	0.9
148	9/21/2014 0:31:03	17.25	51.67	34.02	7.22	7.95	7.5	2.994	92.1	3.2	1.2	0.8
149	9/21/2014 0:46:03	17.50	51.72	34.07	7.27	7.95	6.6	2.910	93.3	2.9	1.1	0.7
150	9/21/2014 1:01:03	17.58	51.71	34.06	7.29	7.95	6.3	2.821	93.7	3.3	1.2	0.8
151	9/21/2014 1:16:03	17.78	51.74	34.09	7.20	7.94	6.4	2.722	92.8	2.8	1.0	0.7
152	9/21/2014 1:31:03	17.99	51.78	34.11	7.11	7.93	5.7	2.637	92.2	3.2	1.2	0.8
153	9/21/2014 1:46:03	18.15	51.80	34.13	7.06	7.92	6.5	2.542	91.8	3.1	1.1	0.7
154	9/21/2014 2:01:03	18.27	51.83	34.15	7.07	7.92	7.2	2.448	92.1	3.6	1.3	0.9
155	9/21/2014 2:16:03	18.31	51.82	34.15	7.03	7.92	7.7	2.361	91.7	2.9	1.1	0.7
156	9/21/2014 2:31:03	18.17	51.83	34.15	6.98	7.92	9.3	2.260	90.7	3.4	1.3	0.8
157	9/21/2014 2:46:03	17.89	51.77	34.11	6.99	7.92	11.4	2.174	90.4	3.7	1.4	0.9
158	9/21/2014 3:01:03	18.20	51.77	34.11	7.01	7.92	9.4	2.076	91.2	3.4	1.3	0.8
159	9/21/2014 3:16:03	18.18	51.85	34.17	6.98	7.93	8.6	1.987	90.8	3.2	1.2	0.8
160	9/21/2014 3:31:03	18.20	51.79	34.12	7.02	7.93	8.1	1.891	91.3	2.9	1.1	0.7
161	9/21/2014 3:46:03	18.38	51.85	34.17	7.01	7.93	7.1	1.828	91.5	3.7	1.4	0.9
162	9/21/2014 4:01:03	18.32	51.81	34.14	6.97	7.93	6.9	1.755	90.9	3.3	1.2	0.8
163	9/21/2014 4:16:03	18.47	51.86	34.18	6.97	7.93	5.4	1.696	91.2	3.8	1.4	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
164	9/21/2014 4:31:03	18.81	51.89	34.20	6.98	7.94	4.8	1.655	91.9	3.7	1.4	0.9
165	9/21/2014 4:46:03	18.95	51.90	34.21	6.98	7.94	4.2	1.631	92.1	3.8	1.4	0.9
166	9/21/2014 5:01:03	19.09	51.88	34.20	6.99	7.94	3.4	1.609	92.5	3.9	1.4	0.9
167	9/21/2014 5:16:03	19.11	51.93	34.23	6.97	7.95	3.8	1.615	92.2	3.8	1.4	0.9
168	9/21/2014 5:31:03	19.33	51.95	34.25	7.25	7.98	3.6	1.655	96.4	3.5	1.3	0.8
169	9/21/2014 5:46:03	19.18	51.93	34.23	7.16	7.96	3.6	1.703	94.9	3.7	1.4	0.9
170	9/21/2014 6:01:03	19.32	51.97	34.26	7.26	7.98	3.9	1.758	96.5	3.6	1.3	0.8
171	9/21/2014 6:16:03	19.18	51.93	34.23	7.20	7.97	3.9	1.837	95.4	3.3	1.2	0.8
172	9/21/2014 6:31:03	19.24	51.91	34.22	6.83	7.91	6.5	1.927	90.6	3.8	1.4	0.9
173	9/21/2014 6:46:03	19.30	51.89	34.20	6.58	7.88	7.7	1.996	87.5	4.9	1.8	1.2
174	9/21/2014 7:01:03	19.05	51.89	34.20	6.71	7.90	6.5	2.076	88.7	3.8	1.4	0.9
175	9/21/2014 7:16:03	18.92	51.88	34.19	6.74	7.90	5.6	2.157	88.9	3.8	1.4	0.9
176	9/21/2014 7:31:03	18.91	51.89	34.20	6.75	7.90	5.8	2.233	89.1	3.6	1.3	0.8
177	9/21/2014 7:46:03	18.65	51.86	34.18	6.82	7.90	5.6	2.324	89.4	3.1	1.1	0.7
178	9/21/2014 8:01:03	18.46	51.85	34.17	6.79	7.90	4.8	2.392	88.8	3.1	1.1	0.7
179	9/21/2014 8:16:03	18.30	51.83	34.15	6.79	7.90	4.7	2.470	88.6	2.4	0.9	0.6
180	9/21/2014 8:31:03	18.13	51.81	34.14	6.82	7.90	5.7	2.554	88.6	2.7	1.0	0.6
181	9/21/2014 8:46:03	17.91	51.77	34.10	6.85	7.91	5.7	2.630	88.6	2.5	0.9	0.6
182	9/21/2014 9:01:03	17.79	51.74	34.08	6.90	7.91	5.6	2.713	89.1	2.5	0.9	0.6
183	9/21/2014 9:16:03	17.71	51.73	34.07	6.97	7.92	5.7	2.792	89.7	3.1	1.1	0.7
184	9/21/2014 9:31:03	17.59	51.72	34.07	7.04	7.93	7.0	2.876	90.5	2.5	0.9	0.6
185	9/21/2014 9:46:03	17.33	51.68	34.03	7.21	7.95	5.8	2.957	92.2	3.0	1.1	0.7
186	9/21/2014 10:01:03	17.10	51.64	34.00	7.36	7.97	7.5	3.037	93.6	3.0	1.1	0.7
187	9/21/2014 10:16:03	16.86	51.62	33.99	7.54	7.99	5.9	3.111	95.6	2.9	1.1	0.7
188	9/21/2014 10:31:03	16.58	51.55	33.93	7.80	8.01	5.6	3.172	98.2	2.6	1.0	0.6
189	9/21/2014 10:46:03	16.39	51.56	33.94	7.95	8.03	3.6	3.234	99.8	3.1	1.1	0.7
190	9/21/2014 11:01:03	16.32	51.55	33.93	8.03	8.04	2.9	3.277	100.7	3.9	1.4	0.9
191	9/21/2014 11:16:03	16.27	51.55	33.92	8.05	8.04	2.8	3.312	100.8	3.8	1.4	0.9
192	9/21/2014 11:31:03	16.83	51.60	33.97	7.60	8.00	3.4	3.326	96.2	4.1	1.5	1.0
193	9/21/2014 11:46:03	16.47	51.56	33.93	7.72	8.02	3.2	3.323	97.0	2.7	1.0	0.6
194	9/21/2014 12:01:03	16.30	51.55	33.93	7.88	8.03	2.9	3.308	98.7	3.3	1.2	0.8
195	9/21/2014 12:16:03	16.46	51.58	33.95	7.73	8.02	3.2	3.268	97.1	2.6	1.0	0.6
196	9/21/2014 12:31:03	16.63	51.60	33.97	7.69	8.01	5.0	3.188	97.0	2.6	1.0	0.6
197	9/21/2014 12:46:03	17.21	51.63	34.00	7.65	7.99	4.5	3.132	97.5	2.8	1.0	0.7
198	9/21/2014 13:01:03	17.36	51.64	34.01	7.69	8.00	5.5	3.064	98.4	2.8	1.0	0.7
199	9/21/2014 13:16:03	17.67	51.67	34.03	7.53	7.97	4.8	2.972	96.9	2.9	1.1	0.7
200	9/21/2014 13:31:03	17.93	51.74	34.09	7.39	7.96	5.7	2.887	95.7	3.2	1.2	0.8
201	9/21/2014 13:46:03	17.99	51.74	34.09	7.34	7.95	4.7	2.809	95.0	3.4	1.3	0.8
202	9/21/2014 14:01:03	18.16	51.77	34.11	7.30	7.95	4.7	2.735	94.9	3.0	1.1	0.7
203	9/21/2014 14:16:03	18.34	51.79	34.13	7.24	7.94	4.7	2.652	94.4	2.9	1.1	0.7
204	9/21/2014 14:31:03	18.55	51.80	34.13	7.20	7.93	4.3	2.572	94.2	3.1	1.1	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
205	9/21/2014 14:46:03	18.79	51.82	34.14	7.21	7.93	4.5	2.493	94.9	2.7	1.0	0.6
206	9/21/2014 15:01:03	18.88	51.86	34.18	7.28	7.93	4.4	2.419	96.0	3.4	1.3	0.8
207	9/21/2014 15:16:03	19.01	51.86	34.18	7.34	7.93	4.3	2.352	97.0	2.6	1.0	0.6
208	9/21/2014 15:31:03	19.15	51.86	34.18	7.36	7.93	4.2	2.281	97.4	3.7	1.4	0.9
209	9/21/2014 15:46:03	19.21	51.87	34.19	7.42	7.94	4.3	2.220	98.4	2.4	0.9	0.6
210	9/21/2014 16:01:03	19.22	51.88	34.19	7.52	7.95	4.1	2.161	99.8	3.4	1.3	0.8
211	9/21/2014 16:16:03	19.24	51.87	34.19	7.56	7.95	4.1	2.103	100.3	3.5	1.3	0.8
212	9/21/2014 16:31:03	19.26	51.88	34.19	7.63	7.96	3.8	2.070	101.3	3.6	1.3	0.8
213	9/21/2014 16:46:03	19.29	51.87	34.19	7.67	7.97	3.5	2.014	101.8	3.5	1.3	0.8
214	9/21/2014 17:01:03	19.33	51.83	34.16	7.66	7.97	3.7	1.993	101.8	3.8	1.4	0.9
215	9/21/2014 17:16:03	19.27	51.86	34.18	7.57	7.95	4.0	2.002	100.5	3.3	1.2	0.8
216	9/21/2014 17:31:03	19.28	51.87	34.18	7.64	7.96	3.9	1.987	101.4	3.5	1.3	0.8
217	9/21/2014 17:46:03	19.38	51.89	34.20	7.79	7.97	3.3	2.016	103.6			
218	9/21/2014 18:01:03	19.36	51.87	34.18	7.77	7.97	3.4	2.047	103.3	8.3	3.1	2.0
219	9/21/2014 18:16:03	19.52	51.91	34.21	7.89	7.99	3.2	2.097	105.2	5.9	2.2	1.4
220	9/21/2014 18:31:03	19.44	51.92	34.22	7.82	7.98	4.0	2.156	104.1	4.6	1.7	1.1
221	9/21/2014 18:46:03	19.49	51.89	34.20	7.50	7.95	5.9	2.224	100.0	5.7	2.1	1.3
222	9/21/2014 19:01:02	19.28	51.83	34.15	7.45	7.94	6.9	2.294	98.9	5.3	2.0	1.3
223	9/21/2014 19:16:03	19.04	51.83	34.16	7.41	7.94	5.5	2.359	97.9	4.9	1.8	1.2
224	9/21/2014 19:31:03	18.97	51.82	34.15	7.41	7.94	4.8	2.443	97.8	4.0	1.5	1.0
225	9/21/2014 19:46:03	18.90	51.81	34.14	7.40	7.94	4.5	2.512	97.5	4.4	1.6	1.0
226	9/21/2014 20:01:03	18.72	51.81	34.14	7.34	7.93	4.4	2.583	96.4	4.2	1.6	1.0
227	9/21/2014 20:16:03	18.38	51.77	34.11	7.28	7.93	3.9	2.669	95.0	3.3	1.2	0.8
228	9/21/2014 20:31:03	18.29	51.76	34.10	7.26	7.93	4.5	2.734	94.6	3.5	1.3	0.8
229	9/21/2014 20:46:03	18.07	51.72	34.07	7.30	7.94	4.2	2.816	94.7	3.0	1.1	0.7
230	9/21/2014 21:01:03	17.91	51.71	34.06	7.30	7.94	4.7	2.891	94.4	2.9	1.1	0.7
231	9/21/2014 21:16:03	17.78	51.67	34.03	7.34	7.95	3.9	2.970	94.6	3.4	1.3	0.8
232	9/21/2014 21:31:03	17.60	51.64	34.01	7.44	7.96	4.5	3.046	95.6	3.6	1.3	0.9
233	9/21/2014 21:46:03	17.44	51.64	34.01	7.57	7.98	4.2	3.118	97.0	3.9	1.4	0.9
234	9/21/2014 22:01:03	17.16	51.59	33.97	7.79	8.00	5.0	3.193	99.2	3.6	1.3	0.8
235	9/21/2014 22:16:03	16.91	51.57	33.95	7.93	8.02	4.3	3.253	100.5	4.7	1.7	1.1
236	9/21/2014 22:31:03	16.75	51.56	33.94	8.02	8.03	3.1	3.305	101.4	3.2	1.2	0.8
237	9/21/2014 22:46:03	16.59	51.51	33.90	8.18	8.05	3.0	3.358	103.0	4.1	1.5	1.0
238	9/21/2014 23:01:03	16.55	51.52	33.90	8.18	8.05	2.9	3.387	102.9	4.6	1.7	1.1
239	9/21/2014 23:16:03	16.52	51.49	33.88	8.13	8.06	2.3	3.402	102.3	4.0	1.5	0.9
240	9/21/2014 23:31:03	16.96	51.59	33.96	7.74	8.02	3.4	3.397	98.2	4.4	1.6	1.1
241	9/21/2014 23:46:03	16.45	51.51	33.90	8.06	8.05	2.9	3.390	101.3	3.3	1.2	0.8
242	9/22/2014 0:01:03	16.69	51.52	33.91	7.88	8.03	3.2	3.352	99.4	3.1	1.1	0.7
243	9/22/2014 0:16:03	17.06	51.56	33.95	7.56	8.00	4.4	3.286	96.1	3.1	1.1	0.7
244	9/22/2014 0:31:03	17.40	51.66	34.02	7.29	7.96	6.7	3.218	93.3	2.6	1.0	0.6
245	9/22/2014 0:46:03	17.32	51.70	34.05	7.46	7.98	6.2	3.142	95.4	3.5	1.3	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
246	9/22/2014 1:01:03	17.43	51.66	34.02	7.33	7.96	7.7	3.056	93.9	2.6	1.0	0.6
247	9/22/2014 1:16:03	17.83	51.73	34.08	7.05	7.93	7.3	2.960	91.0	3.2	1.2	0.8
248	9/22/2014 1:31:03	17.79	51.71	34.06	7.24	7.95	5.5	2.869	93.4	3.6	1.3	0.8
249	9/22/2014 1:46:03	18.10	51.73	34.08	7.09	7.93	6.2	2.771	92.1	3.5	1.3	0.8
250	9/22/2014 2:01:03	18.21	51.78	34.12	7.00	7.92	5.7	2.685	91.0	3.7	1.4	0.9
251	9/22/2014 2:16:03	18.43	51.81	34.14	6.82	7.91	5.8	2.587	89.1	3.6	1.3	0.8
252	9/22/2014 2:31:03	18.54	51.79	34.12	6.86	7.91	5.6	2.483	89.8	3.2	1.2	0.8
253	9/22/2014 2:46:03	18.67	51.84	34.16	6.78	7.90	6.5	2.401	89.1	3.0	1.1	0.7
254	9/22/2014 3:01:03	18.68	51.84	34.16	6.90	7.91	6.5	2.300	90.6	2.7	1.0	0.6
255	9/22/2014 3:16:03	18.65	51.82	34.14	6.91	7.91	8.7	2.196	90.6	2.9	1.1	0.7
256	9/22/2014 3:31:03	18.53	51.84	34.16	6.85	7.91	8.3	2.104	89.7	2.8	1.0	0.7
257	9/22/2014 3:46:03	18.53	51.84	34.16	6.81	7.91	7.9	2.011	89.1	3.5	1.3	0.8
258	9/22/2014 4:01:03	18.44	51.82	34.14	6.79	7.91	7.4	1.924	88.8	3.9	1.4	0.9
259	9/22/2014 4:16:03	18.57	51.85	34.17	6.73	7.91	6.8	1.827	88.1	3.6	1.3	0.8
260	9/22/2014 4:31:03	18.66	51.83	34.16	6.72	7.91	5.2	1.758	88.2	3.3	1.2	0.8
261	9/22/2014 4:46:03	18.76	51.89	34.20	6.67	7.90	5.9	1.704	87.7	3.2	1.2	0.8
262	9/22/2014 5:01:03	18.81	51.90	34.21	6.68	7.90	5.1	1.643	87.9	3.8	1.4	0.9
263	9/22/2014 5:16:03	18.87	51.90	34.21	6.67	7.90	5.6	1.609	87.9	3.7	1.4	0.9
264	9/22/2014 5:31:02	19.16	51.87	34.19	6.67	7.91	4.0	1.620	88.4	3.8	1.4	0.9
265	9/22/2014 5:46:03	19.14	51.94	34.24	6.76	7.92	3.9	1.628	89.6	3.8	1.4	0.9
266	9/22/2014 6:01:03	19.26	51.95	34.24	6.82	7.93	3.4	1.631	90.6	3.4	1.3	0.8
267	9/22/2014 6:16:03	19.15	51.92	34.23	6.80	7.92	3.6	1.692	90.1	3.0	1.1	0.7
268	9/22/2014 6:31:03	19.27	51.95	34.25	6.87	7.93	3.5	1.758	91.3	3.4	1.3	0.8
269	9/22/2014 6:46:03	19.17	51.92	34.22	6.84	7.93	4.1	1.827	90.6	3.4	1.3	0.8
270	9/22/2014 7:01:03	19.13	51.91	34.22	6.73	7.91	5.6	1.910	89.2	3.3	1.2	0.8
271	9/22/2014 7:16:03	19.25	51.90	34.21	6.29	7.86	8.4	1.990	83.4	3.7	1.4	0.9
272	9/22/2014 7:31:03	19.14	51.89	34.20	6.32	7.86	7.3	2.082	83.7	3.4	1.3	0.8
273	9/22/2014 7:46:03	18.99	51.87	34.18	6.42	7.87	6.0	2.156	84.7	2.9	1.1	0.7
274	9/22/2014 8:01:03	18.96	51.86	34.18	6.48	7.88	5.6	2.239	85.5	2.7	1.0	0.6
275	9/22/2014 8:16:03	18.92	51.87	34.19	6.52	7.88	5.5	2.324	86.0	3.2	1.2	0.7
276	9/22/2014 8:31:03	18.66	51.84	34.16	6.64	7.88	5.1	2.406	87.1	2.8	1.0	0.7
277	9/22/2014 8:46:03	18.53	51.80	34.13	6.68	7.89	5.0	2.486	87.4	2.6	1.0	0.6
278	9/22/2014 9:01:03	18.38	51.80	34.13	6.72	7.89	5.7	2.565	87.7	2.8	1.0	0.7
279	9/22/2014 9:16:03	18.18	51.77	34.11	6.80	7.90	6.5	2.659	88.4	2.5	0.9	0.6
280	9/22/2014 9:31:03	18.05	51.71	34.07	6.87	7.91	6.9	2.734	89.0	2.7	1.0	0.6
281	9/22/2014 9:46:03	18.00	51.75	34.09	6.91	7.92	6.4	2.821	89.5	2.5	0.9	0.6
282	9/22/2014 10:01:03	17.74	51.67	34.03	7.07	7.94	6.8	2.911	91.1	2.9	1.1	0.7
283	9/22/2014 10:16:03	17.47	51.63	34.00	7.21	7.95	7.3	2.987	92.5	2.8	1.0	0.7
284	9/22/2014 10:31:03	17.24	51.62	33.99	7.40	7.97	7.0	3.074	94.4	3.1	1.1	0.7
285	9/22/2014 10:46:03	16.99	51.59	33.96	7.58	8.00	6.4	3.153	96.3	2.9	1.1	0.7
286	9/22/2014 11:01:03	16.85	51.56	33.94	7.72	8.01	4.8	3.219	97.7	3.4	1.3	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
287	9/22/2014 11:16:03	16.70	51.50	33.89	7.88	8.03	4.8	3.287	99.5	3.6	1.3	0.9
288	9/22/2014 11:31:03	16.63	51.51	33.90	7.94	8.04	2.9	3.329	100.1	3.4	1.3	0.8
289	9/22/2014 11:46:03	16.75	51.47	33.88	7.91	8.04	3.4	3.365	99.9	3.9	1.4	0.9
290	9/22/2014 12:01:03	17.29	51.54	33.93	7.64	8.01	4.0	3.388	97.6	3.1	1.1	0.7
291	9/22/2014 12:16:03	16.97	51.56	33.94	7.60	8.01	2.8	3.381	96.5	3.1	1.1	0.7
292	9/22/2014 12:31:03	16.70	51.52	33.91	7.79	8.03	2.8	3.349	98.4	2.8	1.0	0.7
293	9/22/2014 12:46:03	16.68	51.51	33.90	7.83	8.04	3.1	3.308	98.8	2.4	0.9	0.6
294	9/22/2014 13:01:03	16.72	51.54	33.92	7.81	8.03	4.2	3.237	98.7	2.0	0.7	0.5
295	9/22/2014 13:16:03	16.97	51.55	33.94	7.78	8.02	5.1	3.163	98.8	2.7	1.0	0.6
296	9/22/2014 13:31:03	17.43	51.61	33.98	7.70	8.00	5.8	3.068	98.6	2.7	1.0	0.6
297	9/22/2014 13:46:03	17.80	51.66	34.02	7.57	7.98	5.9	2.974	97.7	3.2	1.2	0.8
298	9/22/2014 14:01:03	18.00	51.69	34.05	7.52	7.97	5.0	2.886	97.3	2.5	0.9	0.6
299	9/22/2014 14:16:03	18.10	51.72	34.07	7.47	7.97	4.7	2.780	97.0	2.9	1.1	0.7
300	9/22/2014 14:31:03	18.33	51.76	34.10	7.41	7.96	4.6	2.688	96.6	3.3	1.2	0.8
301	9/22/2014 14:46:03	18.61	51.77	34.11	7.39	7.95	4.3	2.612	96.8	2.7	1.0	0.6
302	9/22/2014 15:01:03	18.85	51.81	34.14	7.32	7.94	5.1	2.521	96.3	3.4	1.3	0.8
303	9/22/2014 15:16:03	18.93	51.83	34.15	7.31	7.93	4.7	2.426	96.4	3.0	1.1	0.7
304	9/22/2014 15:31:03	19.04	51.85	34.17	7.36	7.94	4.5	2.342	97.3	2.9	1.1	0.7
305	9/22/2014 15:46:03	19.10	51.86	34.17	7.40	7.94	4.5	2.283	97.9	3.3	1.2	0.8
306	9/22/2014 16:01:03	19.18	51.84	34.17	7.46	7.94	4.5	2.185	98.9	3.8	1.4	0.9
307	9/22/2014 16:16:03	19.23	51.86	34.18	7.59	7.95	4.2	2.098	100.7	3.6	1.3	0.8
308	9/22/2014 16:31:03	19.24	51.85	34.17	7.61	7.96	4.3	2.050	101.0	3.6	1.3	0.8
309	9/22/2014 16:46:03	19.23	51.85	34.17	7.71	7.97	4.1	1.973	102.2	3.2	1.2	0.8
310	9/22/2014 17:01:03	19.25	51.84	34.17	7.72	7.97	4.3	1.904	102.4	3.6	1.3	0.9
311	9/22/2014 17:16:03	19.28	51.84	34.16	7.80	7.98	4.1	1.854	103.6	3.5	1.3	0.8
312	9/22/2014 17:31:03	19.30	51.84	34.16	7.77	7.98	3.4	1.847	103.2	3.3	1.2	0.8
313	9/22/2014 17:46:03	19.31	51.85	34.17	7.74	7.96	4.4	1.840	102.9	3.4	1.3	0.8
314	9/22/2014 18:01:03	19.29	51.84	34.17	7.63	7.96	3.9	1.821	101.4	3.6	1.3	0.8
315	9/22/2014 18:16:03	19.28	51.85	34.17	7.69	7.96	4.2	1.869	102.1	3.7	1.4	0.9
316	9/22/2014 18:31:03	19.42	51.89	34.20	7.83	7.98	3.5	1.913	104.2	4.2	1.6	1.0
317	9/22/2014 18:46:03	19.62	51.93	34.23	7.91	7.98	3.9	1.971	105.7	4.3	1.6	1.0
318	9/22/2014 19:01:03	19.49	51.91	34.21	7.84	7.98	4.9	2.029	104.6	4.2	1.6	1.0
319	9/22/2014 19:16:03	19.66	51.90	34.20	7.45	7.94	6.7	2.110	99.6	5.4	2.0	1.3
320	9/22/2014 19:31:03	19.53	51.87	34.19	7.37	7.93	6.4	2.197	98.3	5.4	2.0	1.3
321	9/22/2014 19:46:03	19.35	51.85	34.17	7.39	7.93	5.3	2.269	98.2	4.5	1.7	1.1
322	9/22/2014 20:01:03	19.30	51.85	34.17	7.36	7.93	5.1	2.350	97.7	4.2	1.6	1.0
323	9/22/2014 20:16:03	19.18	51.83	34.16	7.37	7.94	4.3	2.426	97.7	4.2	1.6	1.0
324	9/22/2014 20:31:03	18.84	51.78	34.12	7.28	7.93	4.9	2.506	95.8	4.0	1.5	1.0
325	9/22/2014 20:46:03	18.62	51.78	34.12	7.20	7.93	4.5	2.583	94.4	3.6	1.3	0.8
326	9/22/2014 21:01:03	18.55	51.76	34.10	7.17	7.93	4.8	2.659	93.8	3.8	1.4	0.9
327	9/22/2014 21:16:03	18.41	51.75	34.09	7.21	7.94	5.2	2.739	94.1	3.2	1.2	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
328	9/22/2014 21:31:03	18.25	51.70	34.06	7.27	7.94	6.0	2.826	94.6	3.4	1.3	0.8
329	9/22/2014 21:46:03	18.09	51.70	34.05	7.32	7.95	5.0	2.896	95.0	4.0	1.5	0.9
330	9/22/2014 22:01:03	17.99	51.69	34.05	7.33	7.96	6.5	2.981	95.0	3.4	1.3	0.8
331	9/22/2014 22:16:03	17.73	51.63	34.01	7.51	7.98	5.4	3.075	96.8	3.1	1.1	0.7
332	9/22/2014 22:31:03	17.54	51.58	33.96	7.63	8.00	5.6	3.146	98.0	4.3	1.6	1.0
333	9/22/2014 22:46:03	17.34	51.56	33.95	7.76	8.01	6.0	3.227	99.1	4.2	1.6	1.0
334	9/22/2014 23:01:03	17.07	51.53	33.92	7.97	8.04	4.8	3.293	101.3	4.1	1.5	1.0
335	9/22/2014 23:16:03	16.94	51.50	33.90	8.08	8.06	4.8	3.359	102.4	4.7	1.7	1.1
336	9/22/2014 23:31:03	16.90	51.45	33.86	8.10	8.06	2.9	3.399	102.6	4.9	1.8	1.2
337	9/22/2014 23:46:03	17.58	52.05	34.31	7.31	7.98	5.8	3.434	94.1	4.2	1.6	1.0
338	9/23/2014 0:01:03	17.57	51.52	33.92	7.36	8.00	3.9	3.453	94.5	4.1	1.5	1.0
339	9/23/2014 0:16:03	17.27	51.57	33.95	7.57	8.02	3.6	3.440	96.6	3.8	1.4	0.9
340	9/23/2014 0:31:03	17.60	51.59	33.97	7.28	7.98	5.3	3.419	93.5	3.7	1.4	0.9
341	9/23/2014 0:46:03	17.36	51.60	33.98	7.48	8.00	4.8	3.367	95.7	3.7	1.4	0.9
342	9/23/2014 1:01:03	17.59	51.64	34.01	7.26	7.97	7.9	3.297	93.3	3.9	1.4	0.9
343	9/23/2014 1:16:03	17.24	51.57	33.95	7.47	7.99	5.4	3.222	95.3	3.1	1.1	0.7
344	9/23/2014 1:31:03	17.38	51.63	34.00	7.55	8.00	5.1	3.122	96.6	3.5	1.3	0.8
345	9/23/2014 1:46:03	17.67	51.68	34.04	7.24	7.96	8.1	3.027	93.2	3.2	1.2	0.8
346	9/23/2014 2:01:03	17.81	51.69	34.05	7.19	7.96	5.6	2.936	92.9	3.7	1.4	0.9
347	9/23/2014 2:16:03	17.90	51.69	34.05	7.22	7.95	5.9	2.824	93.4	4.2	1.6	1.0
348	9/23/2014 2:31:03	17.92	51.69	34.05	7.23	7.96	5.4	2.736	93.5	3.6	1.3	0.9
349	9/23/2014 2:46:03	18.06	51.75	34.10	7.14	7.95	6.9	2.627	92.7	3.5	1.3	0.8
350	9/23/2014 3:01:03	18.34	51.80	34.13	6.91	7.92	6.0	2.543	90.1	3.4	1.3	0.8
351	9/23/2014 3:16:03	18.55	51.83	34.15	6.71	7.90	8.0	2.443	87.9	3.6	1.3	0.9
352	9/23/2014 3:31:03	18.54	51.86	34.17	6.75	7.90	7.6	2.342	88.4	3.7	1.4	0.9
353	9/23/2014 3:46:03	18.56	51.85	34.17	6.86	7.91	7.1	2.249	89.8	3.3	1.2	0.8
354	9/23/2014 4:01:03	18.55	51.86	34.18	6.92	7.91	8.2	2.147	90.6	2.9	1.1	0.7
355	9/23/2014 4:16:03	18.52	51.85	34.17	6.94	7.91	7.7	2.047	90.8	3.1	1.1	0.7
356	9/23/2014 4:31:03	18.46	51.84	34.16	6.90	7.91	7.2	1.963	90.2	2.9	1.1	0.7
357	9/23/2014 4:46:03	18.44	51.82	34.14	6.83	7.91	6.5	1.873	89.2	2.9	1.1	0.7
358	9/23/2014 5:01:03	18.33	51.83	34.16	6.78	7.91	7.3	1.800	88.4	3.3	1.2	0.8
359	9/23/2014 5:16:03	18.42	51.81	34.14	6.77	7.91	6.7	1.732	88.4	2.9	1.1	0.7
360	9/23/2014 5:31:03	18.47	51.86	34.18	6.73	7.90	6.1	1.682	88.0	3.4	1.3	0.8
361	9/23/2014 5:46:03	18.67	51.89	34.20	6.71	7.90	6.1	1.658	88.1	3.1	1.1	0.7
362	9/23/2014 6:01:03	18.75	51.88	34.19	6.74	7.90	4.6	1.624	88.6	3.4	1.3	0.8
363	9/23/2014 6:16:03	18.80	51.92	34.22	6.76	7.91	3.7	1.650	89.0	3.7	1.4	0.9
364	9/23/2014 6:31:03	18.89	51.92	34.23	6.85	7.91	3.7	1.671	90.3	3.4	1.3	0.8
365	9/23/2014 6:46:03	18.85	51.91	34.21	6.84	7.91	3.9	1.706	90.1	3.0	1.1	0.7
366	9/23/2014 7:01:03	19.00	51.94	34.24	6.95	7.93	3.8	1.772	91.8	3.2	1.2	0.8
367	9/23/2014 7:16:03	18.91	51.90	34.21	6.93	7.92	4.3	1.848	91.3	3.2	1.2	0.8
368	9/23/2014 7:31:03	18.87	51.91	34.21	6.89	7.91	5.0	1.940	90.8	3.2	1.2	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
369	9/23/2014 7:46:03	18.77	51.88	34.19	6.85	7.91	5.3	2.019	90.1	2.8	1.0	0.7
370	9/23/2014 8:01:03	18.60	51.81	34.14	6.77	7.90	5.7	2.111	88.7	3.0	1.1	0.7
371	9/23/2014 8:16:03	18.56	51.83	34.16	6.75	7.90	4.9	2.199	88.4	2.6	1.0	0.6
372	9/23/2014 8:31:03	18.61	51.81	34.14	6.75	7.90	4.9	2.281	88.4	2.7	1.0	0.6
373	9/23/2014 8:46:03	18.62	51.84	34.16	6.71	7.89	5.4	2.370	88.0	3.1	1.1	0.7
374	9/23/2014 9:01:03	18.56	51.81	34.14	6.70	7.89	5.6	2.452	87.7	2.9	1.1	0.7
375	9/23/2014 9:16:03	18.45	51.81	34.14	6.72	7.89	5.7	2.535	87.8	2.8	1.0	0.7
376	9/23/2014 9:31:03	18.31	51.77	34.11	6.76	7.90	5.4	2.622	88.2	2.4	0.9	0.6
377	9/23/2014 9:46:03	18.15	51.74	34.09	6.83	7.91	6.9	2.711	88.7	2.7	1.0	0.6
378	9/23/2014 10:01:03	18.02	51.71	34.06	6.92	7.92	7.3	2.801	89.7	3.4	1.3	0.8
379	9/23/2014 10:16:03	17.90	51.68	34.04	7.02	7.93	7.6	2.890	90.7	2.9	1.1	0.7
380	9/23/2014 10:31:03	17.65	51.63	34.00	7.16	7.95	7.6	2.979	92.1	3.5	1.3	0.8
381	9/23/2014 10:46:03	17.48	51.56	33.95	7.32	7.97	9.2	3.072	93.8	3.1	1.1	0.7
382	9/23/2014 11:01:03	17.26	51.55	33.94	7.52	8.00	6.9	3.158	95.9	3.7	1.4	0.9
383	9/23/2014 11:16:03	17.11	51.51	33.91	7.66	8.02	6.8	3.236	97.5	3.9	1.4	0.9
384	9/23/2014 11:31:03	16.97	51.47	33.88	7.85	8.04	5.4	3.314	99.6	4.8	1.8	1.1
385	9/23/2014 11:46:03	16.99	51.46	33.87	7.95	8.05	3.9	3.374	100.9	4.1	1.5	1.0
386	9/23/2014 12:01:03	17.00	51.41	33.83	7.99	8.06	3.4	3.419	101.4	4.6	1.7	1.1
387	9/23/2014 12:16:03	17.32	51.90	34.20	7.79	8.03	4.1	3.453	99.7	4.4	1.6	1.0
388	9/23/2014 12:31:03	17.49	51.53	33.93	7.45	8.00	3.6	3.466	95.5	3.8	1.4	0.9
389	9/23/2014 12:46:03	17.19	51.53	33.92	7.69	8.03	3.1	3.454	98.1	3.8	1.4	0.9
390	9/23/2014 13:01:03	17.37	51.50	33.90	7.53	8.01	4.0	3.428	96.3	3.0	1.1	0.7
391	9/23/2014 13:16:03	17.25	51.51	33.91	7.70	8.02	3.8	3.369	98.2	2.9	1.1	0.7
392	9/23/2014 13:31:03	17.87	51.61	33.99	7.44	7.98	4.9	3.297	96.1	3.2	1.2	0.8
393	9/23/2014 13:46:03	17.88	51.58	33.97	7.67	8.00	4.7	3.210	99.1	2.8	1.0	0.7
394	9/23/2014 14:01:03	17.57	51.52	33.92	7.82	8.02	4.1	3.109	100.4	3.0	1.1	0.7
395	9/23/2014 14:16:03	18.01	51.64	34.01	7.65	7.99	5.0	3.010	99.1	3.9	1.4	0.9
396	9/23/2014 14:31:03	18.11	51.67	34.04	7.61	7.99	6.1	2.916	98.7	3.3	1.2	0.8
397	9/23/2014 14:46:03	18.20	51.68	34.04	7.60	7.98	5.2	2.810	98.8	3.9	1.4	0.9
398	9/23/2014 15:01:03	18.41	51.72	34.07	7.58	7.97	4.6	2.730	98.9	3.2	1.2	0.8
399	9/23/2014 15:16:03	18.67	51.75	34.10	7.60	7.97	4.9	2.623	99.8	3.5	1.3	0.8
400	9/23/2014 15:31:03	18.91	51.80	34.13	7.55	7.96	4.8	2.532	99.6	3.6	1.3	0.9
401	9/23/2014 15:46:03	18.99	51.82	34.15	7.53	7.95	5.2	2.446	99.5	3.0	1.1	0.7
402	9/23/2014 16:01:03	19.26	51.81	34.14	7.52	7.95	6.2	2.354	99.8	2.6	1.0	0.6
403	9/23/2014 16:16:03	19.14	51.81	34.14	7.59	7.96	5.2	2.258	100.5	2.8	1.0	0.7
404	9/23/2014 16:31:03	19.17	51.81	34.14	7.62	7.96	5.5	2.168	100.9	3.3	1.2	0.8
405	9/23/2014 16:46:03	19.16	51.82	34.15	7.70	7.97	5.2	2.093	102.0	3.7	1.4	0.9
406	9/23/2014 17:01:03	19.23	51.83	34.15	7.70	7.97	5.3	2.001	102.2	4.1	1.5	1.0
407	9/23/2014 17:16:03	19.25	51.85	34.17	7.71	7.97	5.9	1.926	102.3	3.9	1.4	0.9
408	9/23/2014 17:31:03	19.34	51.80	34.13	7.73	7.97	5.6	1.871	102.8	3.5	1.3	0.8
409	9/23/2014 17:46:03	19.36	51.84	34.17	7.71	7.97	6.5	1.812	102.5	4.0	1.5	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
410	9/23/2014 18:01:03	19.38	51.85	34.17	7.68	7.97	5.2	1.776	102.1	3.5	1.3	0.8
411	9/23/2014 18:16:03	19.40	51.84	34.16	7.57	7.97	5.5	1.752	100.7	5.0	1.9	1.2
412	9/23/2014 18:31:03	19.39	51.85	34.17	7.59	7.97	8.4	1.746	101.0	4.0	1.5	0.9
413	9/23/2014 18:46:03	19.37	51.85	34.17	7.67	7.97	7.1	1.770	102.0	4.4	1.6	1.0
414	9/23/2014 19:01:03	19.37	51.85	34.17	7.70	7.98	5.8	1.803	102.4	3.3	1.2	0.8
415	9/23/2014 19:16:03	19.45	51.88	34.19	7.81	7.98	5.9	1.852	104.0	4.6	1.7	1.1
416	9/23/2014 19:31:02	19.46	51.89	34.20	7.81	7.98	5.4	1.915	104.1	4.7	1.7	1.1
417	9/23/2014 19:46:03	19.44	51.86	34.18	7.61	7.96	6.9	2.004	101.3	4.6	1.7	1.1
418	9/23/2014 20:01:03	19.38	51.84	34.16	7.42	7.94	8.4	2.086	98.6	5.3	2.0	1.3
419	9/23/2014 20:16:03	19.30	51.81	34.14	7.36	7.94	7.4	2.166	97.8	4.5	1.7	1.1
420	9/23/2014 20:31:03	19.29	51.81	34.14	7.33	7.93	6.3	2.257	97.3	4.7	1.7	1.1
421	9/23/2014 20:46:03	19.20	51.81	34.14	7.34	7.94	6.2	2.348	97.3	4.6	1.7	1.1
422	9/23/2014 21:01:03	19.06	51.79	34.13	7.31	7.94	5.9	2.425	96.6	4.2	1.6	1.0
423	9/23/2014 21:16:03	19.00	51.79	34.13	7.24	7.93	5.5	2.506	95.5	3.6	1.3	0.9
424	9/23/2014 21:31:03	18.89	51.77	34.11	7.19	7.93	5.3	2.589	94.7	4.3	1.6	1.0
425	9/23/2014 21:46:03	18.79	51.76	34.10	7.20	7.93	6.5	2.677	94.7	3.5	1.3	0.8
426	9/23/2014 22:01:03	18.68	51.73	34.08	7.21	7.94	6.7	2.763	94.6	3.8	1.4	0.9
427	9/23/2014 22:16:03	18.47	51.69	34.05	7.28	7.95	6.3	2.846	95.1	4.0	1.5	1.0
428	9/23/2014 22:31:03	18.25	51.64	34.01	7.37	7.97	6.4	2.933	95.9	4.0	1.5	1.0
429	9/23/2014 22:46:03	18.02	51.59	33.98	7.52	7.99	7.0	3.026	97.5	4.8	1.8	1.1
430	9/23/2014 23:01:03	17.79	51.53	33.93	7.63	8.01	6.9	3.108	98.4	5.2	1.9	1.2
431	9/23/2014 23:16:03	17.57	51.47	33.88	7.75	8.03	5.1	3.193	99.5	4.6	1.7	1.1
432	9/23/2014 23:31:03	17.44	51.43	33.86	7.85	8.04	4.7	3.266	100.5	4.7	1.7	1.1
433	9/23/2014 23:46:03	17.31	51.41	33.84	7.96	8.06	4.1	3.333	101.6	5.3	2.0	1.3
434	9/24/2014 0:01:03	17.25	51.37	33.81	8.02	8.07	3.5	3.386	102.3	5.2	1.9	1.2
435	9/24/2014 0:16:03	17.43	51.58	33.96	7.72	8.05	3.3	3.427	98.9	5.2	1.9	1.2
436	9/24/2014 0:31:03	17.92	51.60	33.98	7.37	8.00	4.7	3.452	95.3	4.9	1.8	1.2
437	9/24/2014 0:46:03	17.69	51.52	33.92	7.35	8.01	4.0	3.459	94.6	4.4	1.6	1.1
438	9/24/2014 1:01:03	17.29	51.37	33.81	7.86	8.06	3.9	3.436	100.2	4.0	1.5	1.0
439	9/24/2014 1:16:03	17.69	51.53	33.93	7.49	8.01	4.3	3.398	96.3	4.4	1.6	1.0
440	9/24/2014 1:31:03	17.98	51.54	33.94	7.28	7.98	6.8	3.339	94.2	3.4	1.3	0.8
441	9/24/2014 1:46:03	18.02	51.57	33.96	7.21	7.97	7.6	3.264	93.4	3.7	1.4	0.9
442	9/24/2014 2:01:03	17.57	51.43	33.86	7.56	8.01	5.7	3.179	97.0	3.7	1.4	0.9
443	9/24/2014 2:16:03	17.79	51.52	33.92	7.46	7.99	6.6	3.084	96.2	3.6	1.3	0.9
444	9/24/2014 2:31:03	18.10	51.60	33.98	7.20	7.96	7.0	2.992	93.4	3.5	1.3	0.8
445	9/24/2014 2:46:03	18.12	51.60	33.98	7.25	7.97	5.9	2.896	94.0	4.5	1.7	1.1
446	9/24/2014 3:01:03	18.09	51.61	33.99	7.27	7.97	5.0	2.798	94.3	3.8	1.4	0.9
447	9/24/2014 3:16:03	18.25	51.61	33.99	7.17	7.96	5.3	2.695	93.2	3.7	1.4	0.9
448	9/24/2014 3:31:03	18.49	51.68	34.04	6.96	7.93	5.7	2.600	91.0	3.3	1.2	0.8
449	9/24/2014 3:46:03	18.65	51.70	34.06	6.82	7.91	6.5	2.526	89.4	3.6	1.3	0.9
450	9/24/2014 4:01:03	18.70	51.72	34.07	6.76	7.90	6.8	2.423	88.8	3.5	1.3	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
451	9/24/2014 4:16:03	18.67	51.69	34.05	6.82	7.90	7.2	2.329	89.4	3.6	1.3	0.8
452	9/24/2014 4:31:03	18.62	51.59	33.98	6.79	7.90	8.1	2.231	88.9	3.4	1.3	0.8
453	9/24/2014 4:46:03	18.44	51.56	33.96	6.86	7.92	10.1	2.146	89.6	3.2	1.2	0.8
454	9/24/2014 5:01:03	18.53	51.59	33.97	6.90	7.92	7.8	2.058	90.3	3.0	1.1	0.7
455	9/24/2014 5:16:03	18.39	51.49	33.90	6.88	7.92	8.5	1.956	89.7	3.6	1.3	0.8
456	9/24/2014 5:31:03	18.62	51.56	33.95	6.80	7.91	7.7	1.880	89.1	3.5	1.3	0.8
457	9/24/2014 5:46:03	18.61	51.47	33.89	6.77	7.91	9.0	1.815	88.7	4.0	1.5	0.9
458	9/24/2014 6:01:03	18.60	51.43	33.86	6.70	7.91	7.0	1.757	87.7	3.5	1.3	0.8
459	9/24/2014 6:16:03	18.64	51.42	33.86	6.66	7.90	6.7	1.705	87.3	3.1	1.1	0.7
460	9/24/2014 6:31:03	18.53	51.30	33.77	6.61	7.90	6.7	1.691	86.3	3.6	1.3	0.9
461	9/24/2014 6:46:03	18.65	51.19	33.68	6.62	7.90	7.0	1.709	86.7	3.4	1.3	0.8
462	9/24/2014 7:01:03	18.65	51.32	33.78	6.68	7.90	6.7	1.702	87.4	3.8	1.4	0.9
463	9/24/2014 7:16:03	18.60	51.34	33.80	6.64	7.89	6.9	1.741	86.8	3.1	1.1	0.7
464	9/24/2014 7:31:03	18.84	51.50	33.91	6.71	7.90	7.4	1.816	88.2	2.8	1.0	0.7
465	9/24/2014 7:46:03	18.75	51.43	33.86	6.65	7.89	7.6	1.882	87.3	3.1	1.1	0.7
466	9/24/2014 8:01:03	18.75	51.28	33.75	6.63	7.89	7.2	1.976	87.0	3.1	1.1	0.7
467	9/24/2014 8:16:03	18.81	51.05	33.58	6.60	7.88	7.4	2.073	86.6	3.4	1.3	0.8
468	9/24/2014 8:31:03	18.79	51.46	33.88	6.66	7.89	7.0	2.162	87.5	2.6	1.0	0.6
469	9/24/2014 8:46:03	18.79	51.46	33.88	6.65	7.89	7.6	2.252	87.3	3.1	1.1	0.7
470	9/24/2014 9:01:03	18.83	51.52	33.93	6.68	7.89	7.2	2.346	87.9	3.3	1.2	0.8
471	9/24/2014 9:16:03	18.80	51.52	33.92	6.71	7.89	7.8	2.421	88.2	2.6	1.0	0.6
472	9/24/2014 9:31:03	18.79	51.46	33.88	6.73	7.89	6.8	2.515	88.3	3.1	1.1	0.7
473	9/24/2014 9:46:03	18.72	51.43	33.86	6.76	7.90	7.9	2.615	88.7	2.9	1.1	0.7
474	9/24/2014 10:01:03	18.65	51.43	33.86	6.80	7.90	6.8	2.683	89.1	2.7	1.0	0.6
475	9/24/2014 10:16:03	18.48	51.38	33.82	6.87	7.92	7.3	2.795	89.7	3.1	1.1	0.7
476	9/24/2014 10:31:03	18.38	51.35	33.80	6.92	7.92	8.8	2.865	90.1	3.8	1.4	0.9
477	9/24/2014 10:46:03	18.22	51.28	33.75	7.00	7.94	8.5	2.940	90.9	3.3	1.2	0.8
478	9/24/2014 11:01:03	17.98			7.15	7.96	8.4	3.068	92.1	3.8	1.4	0.9
479	9/24/2014 11:16:03	17.80			7.25	7.98	10.4	3.155	93.2	3.3	1.2	0.8
480	9/24/2014 11:31:03	17.64			7.37	8.00	6.7	3.224	94.5	3.8	1.4	0.9
481	9/24/2014 11:46:03	17.50			7.47	8.01	5.0	3.330	95.3	3.7	1.4	0.9
482	9/24/2014 12:01:03	17.42			7.52	8.02	5.1	3.363	95.7	3.9	1.4	0.9
483	9/24/2014 12:16:03	17.32			7.55	8.03	4.2	3.459	96.2	3.4	1.3	0.8
484	9/24/2014 12:31:03	17.38			7.47	8.03	3.3	3.496	95.1	3.4	1.3	0.8
485	9/24/2014 12:46:03	18.28			6.65	7.90	5.3	3.509	86.1	2.3	0.9	0.6
486	9/24/2014 13:01:03	17.87			7.02	7.96	4.5	3.528	89.9	2.9	1.1	0.7
487	9/24/2014 13:16:03	17.55			7.16	7.99	4.5	3.496	91.2	2.5	0.9	0.6
488	9/24/2014 13:31:03	17.99			6.93	7.95	6.1	3.469	89.4	3.5	1.3	0.8
489	9/24/2014 13:46:03	17.84			7.09	7.96	5.6	3.399	90.9	2.9	1.1	0.7
490	9/24/2014 14:01:03	17.70			7.41	7.98	5.3	3.338	93.9	3.9	1.4	0.9
491	9/24/2014 14:16:03	17.76			7.36	7.98	5.7	3.234	93.9	3.8	1.4	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
492	9/24/2014 14:31:03	18.04			7.11	7.95	6.1	3.165	91.2	3.1	1.1	0.7
493	9/24/2014 14:46:03	18.09			7.14	7.95	6.9	3.078	91.8	4.0	1.5	1.0
494	9/24/2014 15:01:03	18.08			7.21	7.95	7.3	2.961	92.2	3.9	1.4	0.9
495	9/24/2014 15:16:03	18.07			7.20	7.95	6.1	2.870	91.9	3.8	1.4	0.9
496	9/24/2014 15:31:03	18.17			7.11	7.94	6.0	2.738	91.2	3.6	1.3	0.8
497	9/24/2014 15:46:03	18.26			7.02	7.93	6.1	2.639	90.2	3.5	1.3	0.8
498	9/24/2014 16:01:03	18.30			6.96	7.92	6.1	2.551	89.5	3.4	1.3	0.8
499	9/24/2014 16:16:03	18.47			6.84	7.90	6.2	2.488	88.3	3.3	1.2	0.8
500	9/24/2014 16:31:03	18.54			6.66	7.88	6.2	2.362	86.3	3.7	1.4	0.9
501	9/24/2014 16:46:03	18.63			6.55	7.86	6.2	2.274	84.7	3.0	1.1	0.7
502	9/24/2014 17:01:03	18.63			6.76	7.89	7.1	2.138	87.4	3.4	1.3	0.8
503	9/24/2014 17:16:03	18.69			6.77	7.89	6.5	2.075	87.5	3.9	1.4	0.9
504	9/24/2014 17:31:03	18.65			6.79	7.89	6.5	1.939	88.0	4.2	1.6	1.0
505	9/24/2014 17:46:03	18.67			6.81	7.89	6.4	1.855	88.2	3.7	1.4	0.9
506	9/24/2014 18:01:03	18.65			6.79	7.89	6.7	1.782	87.7	3.9	1.4	0.9
507	9/24/2014 18:16:03	18.75			6.73	7.89	6.0	1.754	87.2	4.1	1.5	1.0
508	9/24/2014 18:31:03	18.83			6.70	7.88	5.3	1.666	86.7	4.0	1.5	0.9
509	9/24/2014 18:46:03	18.73			6.68	7.88	5.4	1.623	86.3	3.9	1.4	0.9
510	9/24/2014 19:01:03	18.80			6.59	7.87	4.6	1.617	85.2	4.2	1.6	1.0
511	9/24/2014 19:16:03	18.72			6.63	7.87	5.0	1.580	85.6	4.3	1.6	1.0
512	9/24/2014 19:31:03	18.77			6.67	7.88	4.6	1.635	86.3	4.5	1.7	1.1
513	9/24/2014 19:46:03	18.74			6.67	7.88	5.5	1.664	86.2	4.2	1.6	1.0
514	9/24/2014 20:01:03	18.77			6.68	7.88	5.0	1.732	86.5	4.1	1.5	1.0
515	9/24/2014 20:16:03	18.74			6.65	7.87	5.9	1.812	86.0	4.2	1.6	1.0
516	9/24/2014 20:31:03	18.72			6.59	7.86	6.1	1.905	85.1	3.9	1.4	0.9
517	9/24/2014 20:46:03	18.72			6.56	7.85	6.4	1.991	84.7	4.4	1.6	1.0
518	9/24/2014 21:01:03	18.72			6.60	7.86	5.8	2.072	85.2	4.2	1.6	1.0
519	9/24/2014 21:16:03	18.71			6.62	7.87	5.7	2.179	85.5	4.0	1.5	1.0
520	9/24/2014 21:31:03	18.67			6.66	7.88	6.0	2.262	86.1	4.0	1.5	1.0
521	9/24/2014 21:46:03	18.65			6.68	7.88	6.7	2.353	86.3	3.7	1.4	0.9
522	9/24/2014 22:01:03	18.63			6.68	7.87	6.4	2.455	86.3	3.7	1.4	0.9
523	9/24/2014 22:16:03	18.63			6.66	7.87	6.5	2.508	86.2	3.7	1.4	0.9
524	9/24/2014 22:31:03	18.54			6.68	7.88	7.3	2.616	86.4	3.5	1.3	0.8
525	9/24/2014 22:46:03	18.37			6.73	7.89	7.8	2.698	86.7	3.0	1.1	0.7
526	9/24/2014 23:01:03	18.31			6.74	7.89	9.2	2.806	86.7	3.9	1.4	0.9
527	9/24/2014 23:16:03	18.17			6.82	7.91	10.4	2.882	87.4	3.5	1.3	0.8
528	9/24/2014 23:31:03	18.00			6.92	7.93	11.7	2.971	88.4	3.3	1.2	0.8
529	9/24/2014 23:46:03	17.75			7.08	7.96	9.4	3.052	90.1	4.0	1.5	0.9
530	9/25/2014 0:01:03	17.64			7.16	7.97	8.3	3.167	91.0	3.8	1.4	0.9
531	9/25/2014 0:16:03	17.54			7.22	7.98	6.2	3.205	91.4	3.9	1.4	0.9
532	9/25/2014 0:31:03	17.36			7.37	8.00	6.2	3.283	92.9	3.9	1.4	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
533	9/25/2014 0:46:03	17.27			7.46	8.01	5.9	3.365	94.0	3.4	1.3	0.8
534	9/25/2014 1:01:03	17.24			7.46	8.00	5.3	3.356	93.9	3.5	1.3	0.8
535	9/25/2014 1:16:03	17.60			6.93	7.94	5.6	3.392	87.4	3.7	1.4	0.9
536	9/25/2014 1:31:03	17.49			7.01	7.96	4.2	3.417	88.6	3.1	1.1	0.7
537	9/25/2014 1:46:03	17.37			7.17	7.98	5.4	3.385	90.1	2.9	1.1	0.7
538	9/25/2014 2:01:03	17.79			6.74	7.92	10.9	3.324	85.6	3.2	1.2	0.8
539	9/25/2014 2:16:03	17.55			6.97	7.95	7.7	3.280	88.2	3.5	1.3	0.8
540	9/25/2014 2:31:03	17.43			7.06	7.97	6.4	3.202	89.3	3.5	1.3	0.8
541	9/25/2014 2:46:03	17.32			7.20	7.98	6.4	3.100	90.9	3.4	1.3	0.8
542	9/25/2014 3:01:03	17.63			6.88	7.94	8.3	3.025	87.3	3.0	1.1	0.7
543	9/25/2014 3:16:03	17.79			6.70	7.91	6.7	2.910	85.1	3.5	1.3	0.8
544	9/25/2014 3:31:03	17.78			6.62	7.90	6.8	2.829	84.5	3.5	1.3	0.8
545	9/25/2014 3:46:03	17.82			6.55	7.90	6.1	2.737	83.7	3.3	1.2	0.8
546	9/25/2014 4:01:04	17.86			6.44	7.88	6.2	2.631	82.4	3.2	1.2	0.8
547	9/25/2014 4:16:03	18.01			6.24	7.85	6.5	2.551	80.1	3.2	1.2	0.8
548	9/25/2014 4:31:03	18.07			6.08	7.84	7.0	2.444	78.2	2.7	1.0	0.6
549	9/25/2014 4:46:03	18.07			6.03	7.82	7.5	2.366	77.3	3.2	1.2	0.8
550	9/25/2014 5:01:03	18.06			6.00	7.81	7.9	2.274	76.7	3.2	1.2	0.8
551	9/25/2014 5:16:03	18.07			5.97	7.82	9.3	2.185	76.5	3.5	1.3	0.8
552	9/25/2014 5:31:03	18.01			5.98	7.82	8.1	2.072	76.7	3.1	1.1	0.7
553	9/25/2014 5:46:03	18.03			6.05	7.82	7.9	2.000	77.4	3.3	1.2	0.8
554	9/25/2014 6:01:03	18.02			6.02	7.83	7.6	1.918	77.0	3.3	1.2	0.8
555	9/25/2014 6:16:03	17.95			6.04	7.83	7.9	1.858	77.0	2.9	1.1	0.7
556	9/25/2014 6:31:03	18.04			6.01	7.82	7.1	1.810	76.9	3.2	1.2	0.8
557	9/25/2014 6:46:03	18.15			5.96	7.82	6.3	1.767	76.5	3.0	1.1	0.7
558	9/25/2014 7:01:03	18.10			5.90	7.81	5.9	1.732	75.7	3.0	1.1	0.7
559	9/25/2014 7:16:03	18.19			5.76	7.80	5.0	1.777	73.9	3.0	1.1	0.7
560	9/25/2014 7:31:03	18.21			5.82	7.80	4.3	1.759	74.8	2.4	0.9	0.6
561	9/25/2014 7:46:03	18.16			5.82	7.80	4.7	1.770	74.7	2.7	1.0	0.6
562	9/25/2014 8:01:03	18.18			5.89	7.80	5.2	1.868	75.5	3.4	1.3	0.8
563	9/25/2014 8:16:03	18.19			5.90	7.80	5.4	1.918	75.8	3.4	1.3	0.8
564	9/25/2014 8:31:03	18.03			5.83	7.78	7.7	1.992	74.5	2.9	1.1	0.7
565	9/25/2014 8:46:03	18.00			5.83	7.78	7.4	2.085	74.1	2.7	1.0	0.6
566	9/25/2014 9:01:03	18.09			5.93	7.80	7.6	2.163	75.6	2.9	1.1	0.7
567	9/25/2014 9:16:03	18.11			5.98	7.81	7.2	2.254	76.3	2.5	0.9	0.6
568	9/25/2014 9:31:03	18.09			6.01	7.81	6.5	2.341	76.7	2.8	1.0	0.7
569	9/25/2014 9:46:03	18.06			6.22	7.84	6.4	2.431	79.4	2.5	0.9	0.6
570	9/25/2014 10:01:03	18.09			6.35	7.85	6.5	2.517	81.2	2.5	0.9	0.6
571	9/25/2014 10:16:03	18.07			6.38	7.86	7.4	2.605	81.5	2.9	1.1	0.7
572	9/25/2014 10:31:03	18.02			6.43	7.86	7.5	2.698	82.1	2.2	0.8	0.5
573	9/25/2014 10:46:03	17.90			6.53	7.88	8.2	2.794	83.3	2.8	1.0	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
574	9/25/2014 11:01:03	17.85			6.60	7.89	7.9	2.883	84.1	2.4	0.9	0.6
575	9/25/2014 11:16:03	17.76			6.70	7.91	9.2	2.977	85.2	2.6	1.0	0.6
576	9/25/2014 11:31:03	17.59			6.91	7.93	9.4	3.080	87.5	2.8	1.0	0.7
577	9/25/2014 11:46:03	17.51			7.03	7.94	12.2	3.162	89.0	3.1	1.1	0.7
578	9/25/2014 12:01:03	17.24			7.37	7.98	11.2	3.249	92.8	2.9	1.1	0.7
579	9/25/2014 12:16:03	17.08			7.53	8.00	10.3	3.344	94.5	3.7	1.4	0.9
580	9/25/2014 12:31:03	17.03			7.55	8.01	8.5	3.417	95.1	3.0	1.1	0.7
581	9/25/2014 12:46:03	16.98			7.62	8.01	7.4	3.475	95.4	3.3	1.2	0.8
582	9/25/2014 13:01:03	17.02			7.63	8.01	4.7	3.537	95.8	3.5	1.3	0.8
583	9/25/2014 13:16:03	17.06			7.55	8.01	4.7	3.560	94.9	4.1	1.5	1.0
584	9/25/2014 13:31:03	17.43			7.14	7.97	4.9	3.565	90.4	2.8	1.0	0.7
585	9/25/2014 13:46:03	17.01			7.45	8.00	4.8	3.549	93.5	2.3	0.9	0.5
586	9/25/2014 14:01:03	17.06			7.41	8.00	5.4	3.512	93.4	2.6	1.0	0.6
587	9/25/2014 14:16:03	17.37			7.56	8.00	5.4	3.447	95.8	2.4	0.9	0.6
588	9/25/2014 14:31:03	17.39			7.53	7.99	7.3	3.370	95.1	2.5	0.9	0.6
589	9/25/2014 14:46:03	17.43			7.64	7.99	5.2	3.273	96.5	2.7	1.0	0.6
590	9/25/2014 15:01:03	17.42			7.61	8.00	5.6	3.169	96.5	2.9	1.1	0.7
591	9/25/2014 15:16:03	17.78			7.26	7.95	6.8	3.066	92.4	2.9	1.1	0.7
592	9/25/2014 15:31:03	17.70			7.24	7.95	6.5	2.969	92.0	2.6	1.0	0.6
593	9/25/2014 15:46:03	17.83			7.19	7.94	6.7	2.866	91.4	2.8	1.0	0.7
594	9/25/2014 16:01:03	18.04			7.10	7.93	5.8	2.755	90.6	2.9	1.1	0.7
595	9/25/2014 16:16:03	18.20			7.06	7.92	5.7	2.642	90.5	2.7	1.0	0.7
596	9/25/2014 16:31:03	18.32			6.99	7.91	5.6	2.546	90.6	2.9	1.1	0.7
597	9/25/2014 16:46:03	18.39			7.01	7.91	5.9	2.436	90.5	2.8	1.0	0.7
598	9/25/2014 17:01:03	18.50			7.04	7.90	7.6	2.327	90.7	3.1	1.1	0.7
599	9/25/2014 17:16:03	18.51			7.09	7.90	9.0	2.236	91.5	2.9	1.1	0.7
600	9/25/2014 17:31:03	18.53			7.17	7.90	9.5	2.130	92.3	3.2	1.2	0.8
601	9/25/2014 17:46:03	18.44			7.23	7.91	11.5	2.018	93.0	2.8	1.0	0.7
602	9/25/2014 18:01:03	18.54			7.28	7.91	11.3	1.911	93.9	2.9	1.1	0.7
603	9/25/2014 18:16:03	18.55			7.32	7.91	10.8	1.815	94.3	3.5	1.3	0.8
604	9/25/2014 18:31:03	18.58			7.39	7.92	9.4	1.727	95.0	2.9	1.1	0.7
605	9/25/2014 18:46:03	18.63			7.37	7.92	8.4	1.643	95.1	3.6	1.3	0.9
606	9/25/2014 19:01:03	18.67			7.36	7.91	7.6	1.582	95.0	3.3	1.2	0.8
607	9/25/2014 19:16:03	18.73			7.38	7.91	7.2	1.548	95.3	3.7	1.4	0.9
608	9/25/2014 19:31:03	18.78			7.37	7.90	6.2	1.521	95.3	3.5	1.3	0.8
609	9/25/2014 19:46:03	18.78			7.28	7.89	4.9	1.535	94.2	3.8	1.4	0.9
610	9/25/2014 20:01:03	18.78			7.41	7.90	5.2	1.553	95.7	3.6	1.3	0.8
611	9/25/2014 20:16:03	18.75			7.38	7.90	5.1	1.592	95.4	3.8	1.4	0.9
612	9/25/2014 20:31:03	18.78			7.37	7.90	6.1	1.667	95.4	3.7	1.4	0.9
613	9/25/2014 20:46:03	18.78			7.25	7.88	6.5	1.749	93.7	3.5	1.3	0.8
614	9/25/2014 21:01:03	18.79			7.08	7.86	7.1	1.845	91.4	3.7	1.4	0.9

sonde #2			Indian Island Long-Term Deployment Water Quality Data									
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters				
615	9/25/2014 21:16:03	18.81			6.89	7.84	7.7	1.949	88.9	3.9	1.4	0.9
616	9/25/2014 21:31:03	18.78			7.05	7.87	8.2	2.028	91.0	3.6	1.3	0.9
617	9/25/2014 21:46:03	18.75			7.05	7.88	7.2	2.116	91.1	4.1	1.5	1.0
618	9/25/2014 22:01:03	18.69			7.00	7.88	6.8	2.209	90.4	3.7	1.4	0.9
619	9/25/2014 22:16:03	18.57			6.84	7.87	6.5	2.296	88.2	3.3	1.2	0.8
620	9/25/2014 22:31:03	18.53			6.75	7.87	6.3	2.376	86.9	3.3	1.2	0.8
621	9/25/2014 22:46:03	18.51			6.69	7.86	6.4	2.452	86.3	3.1	1.1	0.7
622	9/25/2014 23:01:03	18.44			6.70	7.86	7.3	2.549	86.2	2.9	1.1	0.7
623	9/25/2014 23:16:03	18.30			6.78	7.88	8.4	2.633	87.0	3.1	1.1	0.7
624	9/25/2014 23:31:03	18.25			6.80	7.89	7.7	2.711	87.2	3.5	1.3	0.8
625	9/25/2014 23:46:03	18.21			6.82	7.89	9.7	2.805	87.3	3.5	1.3	0.8
626	9/26/2014 0:01:03	18.06			6.92	7.91	10.9	2.898	88.4	2.7	1.0	0.6
627	9/26/2014 0:16:03	17.86			7.03	7.93	11.2	2.964	89.5	3.5	1.3	0.8
628	9/26/2014 0:31:03	17.77			7.09	7.94	10.3	3.056	90.1	3.5	1.3	0.8
629	9/26/2014 0:46:03	17.60			7.24	7.96	8.7	3.132	91.6	3.2	1.2	0.8
630	9/26/2014 1:01:03	17.50			7.30	7.96	8.6	3.201	92.3	3.9	1.4	0.9
631	9/26/2014 1:16:03	17.42			7.36	7.97	7.3	3.246	92.9	3.5	1.3	0.8
632	9/26/2014 1:31:03	17.36			7.38	7.98	7.0	3.306	93.1	3.6	1.3	0.9
633	9/26/2014 1:46:03	17.75			6.60	7.90	8.3	3.341	83.8	3.3	1.2	0.8
634	9/26/2014 2:01:03	17.51			6.99	7.95	5.2	3.355	88.1	3.5	1.3	0.8
635	9/26/2014 2:16:03	17.39			7.15	7.96	4.7	3.336	90.2	3.0	1.1	0.7
636	9/26/2014 2:31:03	17.38			7.13	7.96	5.6	3.302	89.9	2.4	0.9	0.6
637	9/26/2014 2:46:03	17.44			7.05	7.95	6.5	3.254	89.0	3.4	1.3	0.8
638	9/26/2014 3:01:03	17.58			6.95	7.93	9.2	3.187	88.0	2.7	1.0	0.7
639	9/26/2014 3:16:03	17.51			6.91	7.92	8.4	3.112	87.4	2.9	1.1	0.7
640	9/26/2014 3:31:03	17.49			6.98	7.93	8.3	3.022	88.4	3.4	1.3	0.8
641	9/26/2014 3:46:03	17.74			6.74	7.90	7.0	2.935	85.5	3.5	1.3	0.8
642	9/26/2014 4:01:03	17.77			6.75	7.89	6.6	2.846	85.8	2.8	1.0	0.7
643	9/26/2014 4:16:03	17.79			6.61	7.88	6.9	2.744	84.1	3.2	1.2	0.8
644	9/26/2014 4:31:03	17.85			6.55	7.87	6.3	2.653	83.4	2.6	1.0	0.6
645	9/26/2014 4:46:03	17.91			6.41	7.85	6.5	2.565	81.6	2.8	1.0	0.7
646	9/26/2014 5:01:03	17.90			6.23	7.82	7.6	2.478	79.1	2.7	1.0	0.6
647	9/26/2014 5:16:03	17.88			6.21	7.81	7.5	2.384	78.9	2.9	1.1	0.7
648	9/26/2014 5:31:03	17.90			6.26	7.81	8.1	2.290	79.5	2.6	1.0	0.6
649	9/26/2014 5:46:03	18.03			6.36	7.83	6.6	2.233	81.0	3.0	1.1	0.7
650	9/26/2014 6:01:03	17.92			6.21	7.81	7.9	2.150	78.9	2.7	1.0	0.6
651	9/26/2014 6:16:03	17.89			6.25	7.81	7.9	2.058	79.3	2.9	1.1	0.7
652	9/26/2014 6:31:03	17.83			6.23	7.81	7.8	1.995	78.9	3.0	1.1	0.7
653	9/26/2014 6:46:03	17.84			6.24	7.81	7.1	1.936	78.9	3.1	1.1	0.7
654	9/26/2014 7:01:03	17.85			6.23	7.81	6.5	1.868	78.9	3.0	1.1	0.7
655	9/26/2014 7:16:03	17.84			6.23	7.81	6.2	1.830	79.0	2.8	1.0	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
656	9/26/2014 7:31:03	18.02			6.23	7.81	4.5	1.838	79.3	2.6	1.0	0.6
657	9/26/2014 7:46:03	18.00			6.18	7.80	4.6	1.831	78.6	2.0	0.7	0.5
658	9/26/2014 8:01:03	17.93			6.25	7.80	4.5	1.841	79.5	2.1	0.8	0.5
659	9/26/2014 8:16:03	17.88			6.26	7.80	4.5	1.879	79.5	3.0	1.1	0.7
660	9/26/2014 8:31:03	18.00			6.31	7.81	5.4	1.935	80.2	2.8	1.0	0.7
661	9/26/2014 8:46:03	18.02			6.33	7.81	5.3	2.010	80.7	2.7	1.0	0.6
662	9/26/2014 9:01:03	17.84			6.19	7.78	8.8	2.087	78.4	2.5	0.9	0.6
663	9/26/2014 9:16:03	17.84			6.19	7.79	7.9	2.164	78.3	2.7	1.0	0.6
664	9/26/2014 9:31:03	17.97			6.28	7.81	7.6	2.247	79.6	2.3	0.9	0.6
665	9/26/2014 9:46:03	17.97			6.30	7.81	6.5	2.325	79.8	2.2	0.8	0.5
666	9/26/2014 10:01:03	17.96			6.32	7.82	6.4	2.410	80.0	2.9	1.1	0.7
667	9/26/2014 10:16:03	17.96			6.45	7.84	6.5	2.496	81.6	2.5	0.9	0.6
668	9/26/2014 10:31:03	17.99			6.55	7.86	6.8	2.575	83.0	2.3	0.9	0.5
669	9/26/2014 10:46:03	18.00			6.57	7.86	6.5	2.667	83.3	2.1	0.8	0.5
670	9/26/2014 11:01:03	17.97			6.63	7.87	7.8	2.750	84.1	2.3	0.9	0.5
671	9/26/2014 11:16:03	17.89			6.71	7.88	9.0	2.838	84.9	2.4	0.9	0.6
672	9/26/2014 11:31:03	17.84			6.81	7.89	8.7	2.926	86.0	2.6	1.0	0.6
673	9/26/2014 11:46:03	17.76			6.90	7.91	9.4	3.019	87.0	3.1	1.1	0.7
674	9/26/2014 12:01:03	17.58			7.00	7.93	11.0	3.105	89.0	2.6	1.0	0.6
675	9/26/2014 12:16:03	17.42			7.19	7.95	10.9	3.196	90.8	3.2	1.2	0.8
676	9/26/2014 12:31:03	17.27			7.38	7.98	9.4	3.274	92.8	3.3	1.2	0.8
677	9/26/2014 12:46:03	17.13			7.54	8.00	9.3	3.363	94.7	3.2	1.2	0.8
678	9/26/2014 13:01:03	17.05			7.65	8.01	7.9	3.433	95.9	3.2	1.2	0.8
679	9/26/2014 13:16:03	16.97			7.74	8.02	5.9	3.481	96.8	3.9	1.4	0.9
680	9/26/2014 13:31:03	16.94			7.79	8.03	5.0	3.536	97.3	3.3	1.2	0.8
681	9/26/2014 13:46:03	16.92			7.79	8.03	4.0	3.559	97.3	3.6	1.3	0.8
682	9/26/2014 14:01:03	17.20			7.54	8.00	4.2	3.568	94.8	3.5	1.3	0.8
683	9/26/2014 14:16:03	16.97			7.57	8.01	3.9	3.560	94.7	3.1	1.1	0.7
684	9/26/2014 14:31:03	16.96			7.65	8.02	4.4	3.513	95.5	2.4	0.9	0.6
685	9/26/2014 14:46:03	17.12			7.51	8.01	5.7	3.453	95.2	2.5	0.9	0.6
686	9/26/2014 15:01:03	17.45			7.59	8.00	6.8	3.373	95.9	3.3	1.2	0.8
687	9/26/2014 15:16:03	17.66			7.65	8.00	7.5	3.281	97.1	3.3	1.2	0.8
688	9/26/2014 15:31:03	17.84			7.64	7.99	6.7	3.183	97.2	2.9	1.1	0.7
689	9/26/2014 15:46:03	18.14			7.55	7.96	7.2	3.077	96.5	3.1	1.1	0.7
690	9/26/2014 16:01:03	18.11			7.52	7.96	6.5	2.962	96.0	3.2	1.2	0.8
691	9/26/2014 16:16:03	18.20			7.53	7.95	6.7	2.861	96.3	2.8	1.0	0.7
692	9/26/2014 16:31:03	18.30			7.50	7.94	6.2	2.759	96.0	3.1	1.1	0.7
693	9/26/2014 16:46:03	18.54			7.50	7.93	6.1	2.650	96.4	3.1	1.1	0.7
694	9/26/2014 17:01:03	18.70			7.54	7.93	6.8	2.537	97.6	2.7	1.0	0.7
695	9/26/2014 17:16:03	18.74			7.57	7.93	7.2	2.421	98.6	3.0	1.1	0.7
696	9/26/2014 17:31:03	18.81			7.58	7.93	7.5	2.317	98.9	2.9	1.1	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
697	9/26/2014 17:46:03	18.76			7.60	7.94	7.5	2.204	99.0	2.9	1.1	0.7
698	9/26/2014 18:01:03	18.61			7.71	7.96	7.6	2.079	100.3	3.4	1.3	0.8
699	9/26/2014 18:16:03	18.68			7.68	7.95	7.5	1.974	100.0	3.8	1.4	0.9
700	9/26/2014 18:31:03	18.69			7.74	7.95	7.3	1.865	100.7	3.7	1.4	0.9
701	9/26/2014 18:46:03	18.69			7.76	7.94	7.3	1.759	100.2	3.2	1.2	0.8
702	9/26/2014 19:01:03	18.74			7.85	7.95	7.3	1.667	101.4	3.1	1.1	0.7
703	9/26/2014 19:16:03	18.72			7.82	7.96	6.8	1.578	101.1	4.0	1.5	0.9
704	9/26/2014 19:31:03	18.72			7.81	7.95	7.0	1.516	101.0	3.6	1.3	0.9
705	9/26/2014 19:46:03	18.79			7.85	7.95	6.5	1.470	101.6	4.5	1.7	1.1
706	9/26/2014 20:01:03	18.88			7.86	7.94	5.7	1.437	101.9	4.3	1.6	1.0
707	9/26/2014 20:16:03	18.91			7.86	7.94	5.0	1.432	101.9	3.8	1.4	0.9
708	9/26/2014 20:31:03	18.94			7.98	7.95	5.2	1.445	103.5	4.1	1.5	1.0
709	9/26/2014 20:46:03	19.07			8.33	7.97	4.6	1.502	108.3	3.8	1.4	0.9
710	9/26/2014 21:01:03	19.03			8.33	7.97	5.2	1.557	108.2	3.3	1.2	0.8
711	9/26/2014 21:16:03	19.05			8.42	7.98	5.1	1.626	109.5	3.3	1.2	0.8
712	9/26/2014 21:31:03	19.08			8.21	7.95	5.6	1.711	106.7	3.3	1.2	0.8
713	9/26/2014 21:46:03	19.06			8.06	7.94	6.0	1.813	104.7	3.6	1.3	0.8
714	9/26/2014 22:01:03	19.09			7.82	7.91	6.4	1.907	101.5	3.6	1.3	0.8
715	9/26/2014 22:16:03	19.06			7.79	7.92	6.8	1.989	101.1	4.2	1.6	1.0
716	9/26/2014 22:31:03	19.02			7.71	7.92	5.7	2.075	100.1	3.8	1.4	0.9
717	9/26/2014 22:46:03	19.00			7.64	7.91	6.4	2.167	99.2	3.6	1.3	0.8
718	9/26/2014 23:01:03	18.84			7.24	7.89	5.6	2.241	93.7	2.9	1.1	0.7
719	9/26/2014 23:16:03	18.79			7.09	7.88	6.4	2.327	91.8	3.2	1.2	0.8
720	9/26/2014 23:31:03	18.76			7.03	7.87	6.1	2.412	90.9	3.6	1.3	0.8
721	9/26/2014 23:46:03	18.68			7.04	7.88	6.7	2.496	90.8	3.9	1.4	0.9
722	9/27/2014 0:01:03	18.60			7.04	7.89	6.4	2.579	90.8	3.6	1.3	0.9
723	9/27/2014 0:16:03	18.54			7.07	7.89	7.2	2.659	91.0	3.6	1.3	0.9
724	9/27/2014 0:31:03	18.48			7.07	7.90	7.3	2.739	91.0	3.1	1.1	0.7
725	9/27/2014 0:46:03	18.40			7.10	7.90	9.1	2.828	91.1	3.7	1.4	0.9
726	9/27/2014 1:01:03	18.21			7.17	7.92	12.0	2.911	91.8	2.8	1.0	0.7
727	9/27/2014 1:16:03	18.06			7.23	7.93	10.3	2.978	92.4	3.5	1.3	0.8
728	9/27/2014 1:31:03	17.86			7.37	7.95	8.7	3.057	93.6	3.6	1.3	0.9
729	9/27/2014 1:46:03	17.73			7.44	7.97	7.5	3.132	94.4	3.9	1.4	0.9
730	9/27/2014 2:01:04	17.68			7.43	7.97	5.4	3.186	94.3	3.0	1.1	0.7
731	9/27/2014 2:16:03	17.60			7.44	7.98	5.6	3.227	94.3	3.9	1.4	0.9
732	9/27/2014 2:31:03	17.58			7.39	7.98	5.5	3.261	93.6	3.6	1.3	0.9
733	9/27/2014 2:46:03	17.72			7.21	7.95	5.7	3.264	91.5	3.1	1.1	0.7
734	9/27/2014 3:01:03	17.61			7.29	7.97	5.0	3.257	92.3	3.3	1.2	0.8
735	9/27/2014 3:16:03	17.60			7.29	7.97	5.3	3.219	92.4	2.7	1.0	0.6
736	9/27/2014 3:31:03	17.81			7.13	7.93	8.4	3.157	90.6	3.3	1.2	0.8
737	9/27/2014 3:46:03	17.74			7.17	7.94	9.7	3.087	91.0	2.9	1.1	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
738	9/27/2014 4:01:03	17.68			7.24	7.95	8.7	3.010	92.0	3.4	1.3	0.8
739	9/27/2014 4:16:03	17.72			7.23	7.95	8.3	2.919	91.7	3.1	1.1	0.7
740	9/27/2014 4:31:03	18.03			6.97	7.91	7.9	2.833	89.0	3.1	1.1	0.7
741	9/27/2014 4:46:03	18.13			6.82	7.89	7.5	2.750	87.2	3.0	1.1	0.7
742	9/27/2014 5:01:03	18.17			6.75	7.87	6.6	2.665	86.4	2.8	1.0	0.7
743	9/27/2014 5:16:03	18.24			6.65	7.86	6.8	2.579	85.3	2.8	1.0	0.7
744	9/27/2014 5:31:03	18.28			6.53	7.84	6.5	2.491	83.7	3.3	1.2	0.8
745	9/27/2014 5:46:03	18.30			6.42	7.83	7.2	2.419	82.3	3.4	1.3	0.8
746	9/27/2014 6:01:03	18.34			6.49	7.83	6.4	2.343	83.2	2.6	1.0	0.6
747	9/27/2014 6:16:03	18.31			6.43	7.81	7.4	2.257	82.2	3.1	1.1	0.7
748	9/27/2014 6:31:03	18.37			6.61	7.84	7.1	2.180	84.5	3.5	1.3	0.8
749	9/27/2014 6:46:03	18.25			6.61	7.84	7.4	2.122	84.4	2.9	1.1	0.7
750	9/27/2014 7:01:03	18.29			6.59	7.84	6.8	2.052	84.3	3.0	1.1	0.7
751	9/27/2014 7:16:03	18.29			6.63	7.85	6.3	1.980	84.7	2.7	1.0	0.6
752	9/27/2014 7:31:03	18.32			6.61	7.85	5.8	1.957	84.4	2.8	1.0	0.7
753	9/27/2014 7:46:03	18.38			6.67	7.85	5.2	1.919	85.3	2.6	1.0	0.6
754	9/27/2014 8:01:03	18.45			6.71	7.85	4.3	1.888	85.8	2.7	1.0	0.6
755	9/27/2014 8:16:03	18.45			6.62	7.84	4.0	1.888	84.6	3.1	1.1	0.7
756	9/27/2014 8:31:03	18.43			6.72	7.85	4.4	1.911	86.1	2.7	1.0	0.6
757	9/27/2014 8:46:03	18.38			6.72	7.84	4.7	1.952	85.9	2.3	0.9	0.5
758	9/27/2014 9:01:03	18.50			6.77	7.85	4.4	1.985	86.7	2.5	0.9	0.6
759	9/27/2014 9:16:03	18.51			6.77	7.85	5.0	2.044	86.8	2.3	0.9	0.6
760	9/27/2014 9:31:03	18.46			6.72	7.84	6.5	2.122	86.0	3.2	1.2	0.8
761	9/27/2014 9:46:03	18.41			6.67	7.83	7.9	2.208	85.2	3.1	1.1	0.7
762	9/27/2014 10:01:03	18.44			6.70	7.84	6.7	2.291	85.7	2.4	0.9	0.6
763	9/27/2014 10:16:03	18.43			6.68	7.84	6.8	2.361	85.5	2.7	1.0	0.6
764	9/27/2014 10:31:03	18.40			6.67	7.84	6.8	2.443	85.4	2.6	1.0	0.6
765	9/27/2014 10:46:03	18.33			6.74	7.86	6.1	2.518	86.2	2.2	0.8	0.5
766	9/27/2014 11:01:03	18.30			6.84	7.87	5.9	2.594	87.4	2.3	0.9	0.6
767	9/27/2014 11:16:03	18.29			6.88	7.88	6.3	2.676	87.8	2.4	0.9	0.6
768	9/27/2014 11:31:03	18.22			6.98	7.89	6.6	2.761	89.1	2.8	1.0	0.7
769	9/27/2014 11:46:03	18.16			7.05	7.91	7.5	2.845	89.9	2.4	0.9	0.6
770	9/27/2014 12:01:03	18.06			7.12	7.92	8.0	2.930	90.6	2.9	1.1	0.7
771	9/27/2014 12:16:03	17.98			7.19	7.93	10.0	3.018	91.3	2.4	0.9	0.6
772	9/27/2014 12:31:03	17.81			7.36	7.96	9.0	3.102	93.2	2.8	1.0	0.7
773	9/27/2014 12:46:03	17.63			7.50	7.98	8.8	3.194	94.6	2.8	1.0	0.7
774	9/27/2014 13:01:03	17.54			7.59	7.99	8.2	3.276	95.6	3.5	1.3	0.8
775	9/27/2014 13:16:03	17.41			7.71	8.01	6.8	3.352	96.9	2.9	1.1	0.7
776	9/27/2014 13:31:03	17.22			7.88	8.03	6.7	3.417	98.7	3.9	1.4	0.9
777	9/27/2014 13:46:03	17.19			7.92	8.04	6.6	3.464	99.1	3.5	1.3	0.8
778	9/27/2014 14:01:03	17.14			7.96	8.05	4.5	3.516	99.5	3.2	1.2	0.8

sonde #2			Indian Island Long-Term Deployment Water Quality Data									
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth		Chlorophyll	Corrected Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters	DO%	ug/L	(Corrected ratio = 0.37)	%FS
779	9/27/2014 14:16:03	17.10			7.94	8.05	4.2	3.538	99.3	3.0	1.1	0.7
780	9/27/2014 14:31:03	17.30			7.81	8.03	4.1	3.543	98.0	3.0	1.1	0.7
781	9/27/2014 14:46:03	17.14			7.80	8.04	3.7	3.525	97.8	2.8	1.0	0.7
782	9/27/2014 15:01:03	17.16			7.83	8.04	3.9	3.487	98.2	2.7	1.0	0.6
783	9/27/2014 15:16:03	17.34			7.77	8.03	5.2	3.423	97.7	3.2	1.2	0.8
784	9/27/2014 15:31:03	17.79			7.90	8.02	7.0	3.352	99.9	2.8	1.0	0.7
785	9/27/2014 15:46:03	17.85			7.86	8.02	8.0	3.264	99.4	3.3	1.2	0.8
786	9/27/2014 16:01:03	17.99			7.79	8.01	8.9	3.166	99.3	3.0	1.1	0.7
787	9/27/2014 16:16:03	18.21			7.82	8.00	9.8	3.074	99.9	3.0	1.1	0.7
788	9/27/2014 16:31:03	18.32			7.78	7.98	8.2	2.969	99.4	3.2	1.2	0.7
789	9/27/2014 16:46:03	18.42			7.75	7.97	7.9	2.864	98.9	3.0	1.1	0.7
790	9/27/2014 17:01:03	18.59			7.73	7.96	7.2	2.758	99.0	3.5	1.3	0.8
791	9/27/2014 17:16:03	18.81			7.76	7.95	8.4	2.658	99.8	2.6	1.0	0.6
792	9/27/2014 17:31:03	18.94			7.77	7.95	7.9	2.550	100.2	3.4	1.3	0.8
793	9/27/2014 17:46:03	18.96			7.86	7.95	8.3	2.433	101.2	3.4	1.3	0.8
794	9/27/2014 18:01:03	18.85			7.90	7.96	8.6	2.322	101.5	3.7	1.4	0.9
795	9/27/2014 18:16:03	18.92			7.91	7.97	9.6	2.214	101.7	4.0	1.5	0.9
796	9/27/2014 18:31:03	18.67			7.87	7.98	9.8	2.103	101.8	3.6	1.3	0.9
797	9/27/2014 18:46:03	18.72			7.89	7.97	10.2	1.981	102.0	3.7	1.4	0.9
798	9/27/2014 19:01:03	18.70			7.93	7.98	11.1	1.870	102.5	3.8	1.4	0.9
799	9/27/2014 19:16:03	18.69	7.86	7.97	10.1	1.773	101.8	4.1	1.5	1.0		
800	9/27/2014 19:31:03	18.71	7.87	7.97	10.6	1.657	101.7	3.9	1.4	0.9		
801	9/27/2014 19:46:03	18.72	7.86	7.97	10.7	1.562	101.6	4.6	1.7	1.1		
802	9/27/2014 20:01:03	18.86	7.80	7.96	10.8	1.488	101.0	4.3	1.6	1.0		
803	9/27/2014 20:16:03	18.92	7.78	7.95	10.1	1.423	100.9	4.4	1.6	1.0		
804	9/27/2014 20:31:03	19.05	7.79	7.95	9.5	1.382	101.2	4.4	1.6	1.0		
805	9/27/2014 20:46:03	19.16	7.86	7.95	9.0	1.359	102.3	4.4	1.6	1.0		
806	9/27/2014 21:01:03	19.11	7.75	7.94	7.5	1.362	100.8	4.5	1.7	1.1		
807	9/27/2014 21:16:03	19.28	8.05	7.97	7.9	1.393	104.7	4.1	1.5	1.0		
808	9/27/2014 21:31:03	19.16	7.89	7.95	7.1	1.435	102.8	4.6	1.7	1.1		
809	9/27/2014 21:46:03	19.32	8.17	7.98	9.2	1.491	106.7	3.9	1.4	0.9		
810	9/27/2014 22:01:03	19.30	8.20	7.98	7.6	1.570	107.0	3.9	1.4	0.9		
811	9/27/2014 22:16:03	19.38	7.83	7.93	9.0	1.666	102.2	4.6	1.7	1.1		
812	9/27/2014 22:31:03	19.36	7.72	7.92	8.2	1.751	100.6	4.2	1.6	1.0		
813	9/27/2014 22:46:03	19.35	7.72	7.92	8.0	1.837	100.7	4.1	1.5	1.0		
814	9/27/2014 23:01:03	19.29	7.82	7.94	8.1	1.922	101.9	4.6	1.7	1.1		
815	9/27/2014 23:16:03	19.23	7.79	7.94	7.5	2.005	101.3	3.9	1.4	0.9		
816	9/27/2014 23:31:03	19.22	7.75	7.94	7.7	2.085	101.0	4.0	1.5	1.0		
817	9/27/2014 23:46:03	19.11	7.51	7.92	6.7	2.167	97.6	3.5	1.3	0.8		
818	9/28/2014 0:01:03	19.06	7.37	7.90	6.5	2.252	95.9	3.8	1.4	0.9		
819	9/28/2014 0:16:03	19.01	7.31	7.90	6.5	2.331	95.0	3.5	1.3	0.8		

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
820	9/28/2014 0:31:03	18.92			7.26	7.90	6.4	2.405	94.2	3.2	1.2	0.8
821	9/28/2014 0:46:03	18.83			7.26	7.91	6.7	2.490	94.1	3.2	1.2	0.8
822	9/28/2014 1:01:03	18.77			7.29	7.91	7.9	2.567	94.3	3.7	1.4	0.9
823	9/28/2014 1:16:03	18.70			7.31	7.92	7.5	2.635	94.4	3.7	1.4	0.9
824	9/28/2014 1:31:03	18.65			7.30	7.92	8.3	2.712	94.2	3.7	1.4	0.9
825	9/28/2014 1:46:03	18.47			7.36	7.94	11.3	2.792	94.6	3.8	1.4	0.9
826	9/28/2014 2:01:03	18.33			7.38	7.95	8.8	2.858	94.7	3.3	1.2	0.8
827	9/28/2014 2:16:03	18.17			7.42	7.96	9.8	2.926	95.0	3.4	1.3	0.8
828	9/28/2014 2:31:03	17.92			7.50	7.98	6.9	2.990	95.6	3.7	1.4	0.9
829	9/28/2014 2:46:03	17.81			7.53	7.99	4.6	3.035	95.9	4.0	1.5	0.9
830	9/28/2014 3:01:03	17.77			7.55	7.99	5.8	3.072	95.9	3.2	1.2	0.8
831	9/28/2014 3:16:03	17.83			7.33	7.97	5.3	3.104	93.2	3.5	1.3	0.8
832	9/28/2014 3:31:03	17.86			7.34	7.97	4.5	3.113	93.4	3.4	1.3	0.8
833	9/28/2014 3:46:02	17.67			7.35	7.98	4.1	3.094	93.3	2.8	1.0	0.7
834	9/28/2014 4:01:03	17.68			7.43	7.99	4.6	3.069	94.2	2.9	1.1	0.7
835	9/28/2014 4:16:03	17.83			7.26	7.97	6.0	3.023	92.3	3.3	1.2	0.8
836	9/28/2014 4:31:03	18.15			7.09	7.93	8.8	2.952	90.7	3.8	1.4	0.9
837	9/28/2014 4:46:03	18.15			7.07	7.92	7.9	2.883	90.4	3.2	1.2	0.8
838	9/28/2014 5:01:03	18.13			7.15	7.93	6.7	2.804	91.4	3.5	1.3	0.8
839	9/28/2014 5:16:03	18.20			7.06	7.92	7.6	2.718	90.4	3.6	1.3	0.9
840	9/28/2014 5:31:03	18.32			6.94	7.90	6.8	2.638	89.0	3.5	1.3	0.8
841	9/28/2014 5:46:03	18.33			6.84	7.89	6.3	2.573	87.5	3.6	1.3	0.9
842	9/28/2014 6:01:03	18.37			6.80	7.88	6.4	2.498	87.2	3.0	1.1	0.7
843	9/28/2014 6:16:03	18.37			6.67	7.86	7.4	2.416	85.4	3.3	1.2	0.8
844	9/28/2014 6:31:03	18.39			6.60	7.85	6.9	2.359	84.2	2.9	1.1	0.7
845	9/28/2014 6:46:03	18.39			6.58	7.84	7.2	2.291	84.0	3.4	1.3	0.8
846	9/28/2014 7:01:03	18.38			6.60	7.84	7.9	2.202	84.2	3.8	1.4	0.9
847	9/28/2014 7:16:03	18.31			6.45	7.83	8.4	2.141	82.1	2.9	1.1	0.7
848	9/28/2014 7:31:03	18.39			6.66	7.85	7.6	2.085	84.8	3.5	1.3	0.8
849	9/28/2014 7:46:03	18.42			6.70	7.86	7.2	2.028	85.4	3.1	1.1	0.7
850	9/28/2014 8:01:03	18.41			6.68	7.86	6.5	1.984	85.1	2.7	1.0	0.6
851	9/28/2014 8:16:03	18.43			6.70	7.86	5.9	1.967	85.4	3.0	1.1	0.7
852	9/28/2014 8:31:03	18.50			6.70	7.86	5.4	1.939	85.6	2.2	0.8	0.5
853	9/28/2014 8:46:03	18.58			6.73	7.86	4.6	1.931	86.1	3.5	1.3	0.8
854	9/28/2014 9:01:03	18.54			6.68	7.86	5.1	1.948	85.9	3.2	1.2	0.8
855	9/28/2014 9:16:03	18.54			6.75	7.87	4.5	1.973	86.5	2.8	1.0	0.7
856	9/28/2014 9:31:03	18.58			6.80	7.87	4.5	2.008	87.1	5.4	2.0	1.3
857	9/28/2014 9:46:03	18.62			6.88	7.88	5.1	2.066	88.2	3.1	1.1	0.7
858	9/28/2014 10:01:03	18.62			6.89	7.87	5.8	2.129	88.3	3.1	1.1	0.7
859	9/28/2014 10:16:03	18.48			6.77	7.86	8.3	2.193	86.5	3.0	1.1	0.7
860	9/28/2014 10:31:03	18.48			6.78	7.86	8.1	2.281	86.7	3.1	1.1	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
861	9/28/2014 10:46:03	18.47			6.80	7.87	6.7	2.350	86.9	2.8	1.0	0.7
862	9/28/2014 11:01:03	18.49			6.80	7.87	7.0	2.426	87.3	2.5	0.9	0.6
863	9/28/2014 11:16:03	18.41			6.85	7.88	6.9	2.499	88.0	2.6	1.0	0.6
864	9/28/2014 11:31:03	18.42			6.99	7.90	6.1	2.580	89.9	2.9	1.1	0.7
865	9/28/2014 11:46:03	18.43			7.08	7.91	5.9	2.662	90.9	2.8	1.0	0.7
866	9/28/2014 12:01:03	18.42			7.14	7.92	6.2	2.730	91.6	3.1	1.1	0.7
867	9/28/2014 12:16:03	18.32			7.20	7.93	6.7	2.823	92.1	3.0	1.1	0.7
868	9/28/2014 12:31:03	18.16			7.26	7.94	8.0	2.911	92.7	3.3	1.2	0.8
869	9/28/2014 12:46:03	18.05			7.32	7.96	7.4	2.990	93.3	2.8	1.0	0.7
870	9/28/2014 13:01:03	17.89			7.38	7.97	8.6	3.075	93.8	3.0	1.1	0.7
871	9/28/2014 13:16:03	17.58			7.56	7.99	8.7	3.161	95.4	3.0	1.1	0.7
872	9/28/2014 13:31:03	17.44			7.61	8.00	8.4	3.232	95.8	3.3	1.2	0.8
873	9/28/2014 13:46:03	17.31			7.66	8.01	7.6	3.308	96.2	3.0	1.1	0.7
874	9/28/2014 14:01:03	17.05			7.71	8.03	6.1	3.369	96.5	2.7	1.0	0.6
875	9/28/2014 14:16:03	16.91			7.76	8.03	4.3	3.419	96.8	2.6	1.0	0.6
876	9/28/2014 14:31:03	16.85			7.77	8.04	4.4	3.464	96.8	3.0	1.1	0.7
877	9/28/2014 14:46:03	16.78			7.72	8.03	3.4	3.487	96.1	2.3	0.9	0.6
878	9/28/2014 15:01:03	17.06			7.61	8.02	3.5	3.489	95.4	2.5	0.9	0.6
879	9/28/2014 15:16:03	16.82			7.59	8.02	4.1	3.481	94.7	1.9	0.7	0.5
880	9/28/2014 15:31:03	16.86			7.60	8.02	3.5	3.459	94.9	1.9	0.7	0.4
881	9/28/2014 15:46:03	17.49			7.65	8.01	5.0	3.393	96.6	1.9	0.7	0.4
882	9/28/2014 16:01:03	17.89			7.77	8.01	5.7	3.331	98.8	2.8	1.0	0.7
883	9/28/2014 16:16:03	17.68			7.75	8.01	6.3	3.253	98.3	2.5	0.9	0.6
884	9/28/2014 16:31:03	17.80			7.71	8.01	6.0	3.163	98.1	2.5	0.9	0.6
885	9/28/2014 16:46:03	18.52			7.85	7.99	6.8	3.074	100.7	3.0	1.1	0.7
886	9/28/2014 17:01:03	18.48			7.93	7.99	5.7	2.973	101.1	3.4	1.3	0.8
887	9/28/2014 17:16:03	18.57			7.92	7.98	6.3	2.870	101.5	3.2	1.2	0.8
888	9/28/2014 17:31:03	18.62			7.95	7.98	5.9	2.776	101.9	3.6	1.3	0.8
889	9/28/2014 17:46:03	18.76			7.94	7.97	6.1	2.672	101.9	3.2	1.2	0.8
890	9/28/2014 18:01:03	18.87			7.96	7.97	6.7	2.558	102.4	3.3	1.2	0.8
891	9/28/2014 18:16:03	18.99			7.98	7.97	7.4	2.458	103.0	3.5	1.3	0.8
892	9/28/2014 18:31:03	19.06			7.86	7.96	7.2	2.347	102.7	3.4	1.3	0.8
893	9/28/2014 18:46:03	18.91			7.92	7.97	7.7	2.237	103.0	3.6	1.3	0.9
894	9/28/2014 19:01:03	18.88			7.91	7.97	7.4	2.127	102.7	3.6	1.3	0.9
895	9/28/2014 19:16:03	18.70			7.79	7.98	7.0	2.011	100.8	3.5	1.3	0.8
896	9/28/2014 19:31:03	18.82			7.92	7.97	7.5	1.901	102.5	4.1	1.5	1.0
897	9/28/2014 19:46:03	18.70			7.89	7.97	7.2	1.798	101.9	3.8	1.4	0.9
898	9/28/2014 20:01:03	18.85			7.87	7.97	7.2	1.682	101.9	3.9	1.4	0.9
899	9/28/2014 20:16:03	18.98			7.91	7.97	6.6	1.588	102.7	4.4	1.6	1.1
900	9/28/2014 20:31:03	19.03			8.01	7.97	6.4	1.512	104.1	4.4	1.6	1.0
901	9/28/2014 20:46:03	19.09			8.04	7.97	5.9	1.426	104.6	4.8	1.8	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
902	9/28/2014 21:01:03	19.17			7.97	7.96	8.1	1.377	103.8	4.1	1.5	1.0
903	9/28/2014 21:16:03	19.32			8.16	7.97	5.9	1.337	106.6	4.6	1.7	1.1
904	9/28/2014 21:31:03	19.30			8.04	7.96	4.6	1.330	105.0	4.8	1.8	1.1
905	9/28/2014 21:46:03	19.28			8.07	7.97	5.1	1.348	105.3	4.7	1.7	1.1
906	9/28/2014 22:01:03	19.37			8.33	7.99	4.3	1.357	108.9	3.9	1.4	0.9
907	9/28/2014 22:16:03	19.37			8.38	7.99	4.0	1.411	109.5	4.0	1.5	1.0
908	9/28/2014 22:31:03	19.38			8.44	7.99	4.9	1.482	110.2	4.3	1.6	1.0
909	9/28/2014 22:46:03	19.35			8.42	7.99	4.3	1.562	110.0	4.0	1.5	0.9
910	9/28/2014 23:01:03	19.39			8.02	7.95	6.5	1.630	104.7	4.4	1.6	1.0
911	9/28/2014 23:16:03	19.39			7.92	7.93	6.2	1.719	103.4	3.6	1.3	0.8
912	9/28/2014 23:31:03	19.37			7.84	7.94	6.0	1.808	102.3	4.6	1.7	1.1
913	9/28/2014 23:46:03	19.32			7.88	7.95	5.8	1.882	102.8	4.2	1.6	1.0
914	9/29/2014 0:01:03	19.28			7.88	7.95	5.1	1.956	102.8	4.0	1.5	1.0
915	9/29/2014 0:16:03	19.27			7.84	7.95	4.9	2.036	102.3	4.5	1.7	1.1
916	9/29/2014 0:31:03	19.22			7.76	7.94	4.9	2.114	101.1	3.8	1.4	0.9
917	9/29/2014 0:46:03	19.11			7.47	7.92	5.1	2.192	97.2	3.7	1.4	0.9
918	9/29/2014 1:01:03	19.09			7.38	7.91	5.2	2.264	96.0	3.5	1.3	0.8
919	9/29/2014 1:16:03	19.06			7.31	7.91	5.0	2.346	95.1	3.9	1.4	0.9
920	9/29/2014 1:31:03	18.97			7.31	7.91	5.3	2.420	94.9	3.4	1.3	0.8
921	9/29/2014 1:46:03	18.87			7.33	7.92	5.7	2.493	95.0	3.9	1.4	0.9
922	9/29/2014 2:01:03	18.78			7.34	7.92	5.6	2.566	95.0	3.9	1.4	0.9
923	9/29/2014 2:16:03	18.74			7.33	7.93	5.8	2.635	94.8	3.4	1.3	0.8
924	9/29/2014 2:31:03	18.69			7.33	7.93	6.1	2.713	94.7	3.6	1.3	0.9
925	9/29/2014 2:46:03	18.52			7.36	7.94	6.3	2.768	94.8	4.1	1.5	1.0
926	9/29/2014 3:01:03	18.42			7.36	7.95	5.6	2.830	94.6	3.4	1.3	0.8
927	9/29/2014 3:16:03	18.32			7.37	7.95	5.3	2.889	94.6	3.3	1.2	0.8
928	9/29/2014 3:31:03	18.04			7.40	7.96	4.7	2.942	94.5	3.4	1.3	0.8
929	9/29/2014 3:46:03	17.83			7.40	7.97	4.0	2.975	94.1	2.7	1.0	0.7
930	9/29/2014 4:01:03	17.69			7.38	7.98	3.4	3.004	93.6	3.0	1.1	0.7
931	9/29/2014 4:16:03	17.65			7.29	7.97	3.3	3.027	92.5	3.0	1.1	0.7
932	9/29/2014 4:31:03	17.81			7.20	7.96	4.0	3.024	91.5	3.2	1.2	0.8
933	9/29/2014 4:46:03	17.73			7.23	7.97	3.6	3.001	91.9	2.9	1.1	0.7
934	9/29/2014 5:01:03	17.81			7.21	7.96	4.4	2.967	91.7	2.5	0.9	0.6
935	9/29/2014 5:16:03	18.06			7.08	7.94	5.6	2.921	90.4	2.7	1.0	0.6
936	9/29/2014 5:31:03	18.50			6.88	7.89	8.9	2.860	88.3	3.4	1.3	0.8
937	9/29/2014 5:46:03	18.41			7.02	7.92	7.6	2.790	90.4	3.3	1.2	0.8
938	9/29/2014 6:01:03	18.47			7.03	7.92	7.2	2.731	90.6	3.6	1.3	0.8
939	9/29/2014 6:16:03	18.54			6.96	7.91	6.8	2.654	89.8	2.8	1.0	0.7
940	9/29/2014 6:31:03	18.62			6.86	7.89	6.2	2.574	88.7	3.0	1.1	0.7
941	9/29/2014 6:46:03	18.68			6.78	7.88	5.9	2.518	87.6	3.2	1.2	0.8
942	9/29/2014 7:01:03	18.67			6.70	7.87	6.5	2.454	86.6	2.8	1.0	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
943	9/29/2014 7:16:03	18.69			6.55	7.86	6.7	2.386	84.9	2.8	1.0	0.7
944	9/29/2014 7:31:03	18.71			6.43	7.84	7.9	2.336	83.4	3.2	1.2	0.8
945	9/29/2014 7:46:03	18.66			6.50	7.85	7.9	2.276	84.2	2.8	1.0	0.7
946	9/29/2014 8:01:03	18.66			6.55	7.86	6.7	2.227	84.9	2.9	1.1	0.7
947	9/29/2014 8:16:03	18.71			6.56	7.86	6.8	2.178	85.1	3.1	1.1	0.7
948	9/29/2014 8:31:03	18.71			6.62	7.86	5.7	2.130	85.9	3.2	1.2	0.8
949	9/29/2014 8:46:03	18.76			6.65	7.87	5.6	2.104	86.2	3.2	1.2	0.8
950	9/29/2014 9:01:03	18.83			6.72	7.87	4.7	2.080	87.3	3.5	1.3	0.8
951	9/29/2014 9:16:03	18.86			6.71	7.87	3.7	2.073	87.1	3.1	1.1	0.7
952	9/29/2014 9:31:03	18.85			6.65	7.86	4.3	2.072	86.4	2.7	1.0	0.6
953	9/29/2014 9:46:03	18.84			6.71	7.87	4.2	2.089	87.2	3.4	1.3	0.8
954	9/29/2014 10:01:03	18.81			6.69	7.87	4.3	2.108	86.8	3.0	1.1	0.7
955	9/29/2014 10:16:03	18.86			6.84	7.88	3.9	2.148	88.9	3.7	1.4	0.9
956	9/29/2014 10:31:03	18.85			6.86	7.88	4.3	2.205	89.2	3.5	1.3	0.8
957	9/29/2014 10:46:03	18.83			6.84	7.88	4.7	2.256	88.8	3.0	1.1	0.7
958	9/29/2014 11:01:03	18.75			6.72	7.87	6.9	2.330	87.1	3.1	1.1	0.7
959	9/29/2014 11:16:03	18.75			6.78	7.87	6.4	2.395	87.8	3.1	1.1	0.7
960	9/29/2014 11:31:03	18.72			6.78	7.88	5.6	2.456	87.8	2.6	1.0	0.6
961	9/29/2014 11:46:03	18.65			6.80	7.88	5.6	2.540	88.0	2.5	0.9	0.6
962	9/29/2014 12:01:03	18.56			6.89	7.90	6.3	2.605	89.0	2.6	1.0	0.6
963	9/29/2014 12:16:03	18.55			7.05	7.92	5.3	2.671	91.1	3.0	1.1	0.7
964	9/29/2014 12:31:03	18.44			7.10	7.93	4.8	2.752	91.6	2.3	0.9	0.6
965	9/29/2014 12:46:03	18.34			7.13	7.93	4.7	2.824	91.8	2.3	0.9	0.5
966	9/29/2014 13:01:03	18.11			7.22	7.95	5.1	2.902	92.6	2.8	1.0	0.7
967	9/29/2014 13:16:03	17.89			7.22	7.96	6.0	2.975	92.2	2.3	0.9	0.6
968	9/29/2014 13:31:03	17.67			7.26	7.97	5.9	3.052	92.4	2.5	0.9	0.6
969	9/29/2014 13:46:03	17.45			7.32	7.98	5.4	3.125	92.8	2.3	0.9	0.5
970	9/29/2014 14:01:03	17.19			7.46	8.00	5.6	3.197	94.1	3.0	1.1	0.7
971	9/29/2014 14:16:03	17.04			7.52	8.01	5.4	3.262	94.5	3.0	1.1	0.7
972	9/29/2014 14:31:03	16.88			7.57	8.02	3.7	3.322	95.0	2.9	1.1	0.7
973	9/29/2014 14:46:03	16.72			7.60	8.02	3.3	3.379	95.0	3.0	1.1	0.7
974	9/29/2014 15:01:03	16.64			7.62	8.03	3.2	3.413	95.2	2.9	1.1	0.7
975	9/29/2014 15:16:03	16.58			7.59	8.03	3.1	3.456	94.6	3.4	1.3	0.8
976	9/29/2014 15:31:03	16.54			7.56	8.03	2.9	3.471	94.1	2.8	1.0	0.7
977	9/29/2014 15:46:03	16.68			7.50	8.02	3.0	3.475	93.7	2.6	1.0	0.6
978	9/29/2014 16:01:03	16.58			7.45	8.02	2.9	3.465	92.8	2.2	0.8	0.5
979	9/29/2014 16:16:03	16.57			7.47	8.02	3.1	3.423	93.5	2.4	0.9	0.6
980	9/29/2014 16:31:03	17.33			7.51	8.01	5.0	3.372	95.1	2.3	0.9	0.5
981	9/29/2014 16:46:04	17.62			7.48	8.00	4.3	3.311	95.2	2.7	1.0	0.6
982	9/29/2014 17:01:03	17.56			7.67	8.01	5.8	3.237	97.1	3.1	1.1	0.7
983	9/29/2014 17:16:03	17.65			7.68	8.01	5.0	3.149	97.4	3.4	1.3	0.8

sonde #2			Indian Island Long-Term Deployment Water Quality Data										
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+		Depth		Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters	DO%				
984	9/29/2014 17:31:03	18.33			7.76	7.99	6.0	3.063	99.5	3.0	1.1	0.7	
985	9/29/2014 17:46:03	18.38			7.80	7.99	4.8	2.974	100.2	3.3	1.2	0.8	
986	9/29/2014 18:01:03	18.51			7.84	7.99	5.3	2.885	100.7	3.3	1.2	0.8	
987	9/29/2014 18:16:03	18.49			7.83	7.98	5.8	2.791	100.3	3.2	1.2	0.8	
988	9/29/2014 18:31:03	18.64			7.86	7.98	5.1	2.697	101.0	2.9	1.1	0.7	
989	9/29/2014 18:46:03	18.77			7.86	7.98	5.2	2.594	101.3	3.3	1.2	0.8	
990	9/29/2014 19:01:03	18.93			7.80	7.97	6.2	2.502	101.2	3.9	1.4	0.9	
991	9/29/2014 19:16:03	18.81			7.81	7.97	7.0	2.392	101.0	4.1	1.5	1.0	
992	9/29/2014 19:31:03	18.69			7.74	7.97	6.7	2.293	99.8	3.7	1.4	0.9	
993	9/29/2014 19:46:03	18.68			7.71	7.97	7.0	2.189	99.6	3.9	1.4	0.9	
994	9/29/2014 20:01:03	18.86			7.72	7.97	7.3	2.075	100.1	4.0	1.5	1.0	
995	9/29/2014 20:16:03	18.74			7.69	7.96	8.6	1.975	99.6	3.9	1.4	0.9	
996	9/29/2014 20:31:03	18.82			7.63	7.96	7.0	1.869	99.0	3.9	1.4	0.9	
997	9/29/2014 20:46:03	18.83			7.57	7.96	6.7	1.765	98.6	4.3	1.6	1.0	
998	9/29/2014 21:01:03	18.85			7.52	7.95	6.2	1.675	98.0	3.6	1.3	0.8	
999	9/29/2014 21:16:03	18.95			7.52	7.95	5.6	1.587	98.2	3.6	1.3	0.9	
1000	9/29/2014 21:31:03	19.08			7.59	7.95	6.2	1.522	99.0	3.8	1.4	0.9	
1001	9/29/2014 21:46:03	19.19			7.67	7.95	5.3	1.471	99.9	4.3	1.6	1.0	
1002	9/29/2014 22:01:03	19.25			7.77	7.95	4.5	1.427	101.0	4.1	1.5	1.0	
1003	9/29/2014 22:16:03	19.35			7.93	7.96	4.2	1.417	103.5	3.9	1.4	0.9	
1004	9/29/2014 22:31:03	19.30			7.85	7.96	4.3	1.415	102.6	4.0	1.5	1.0	
1005	9/29/2014 22:46:03	19.39			8.05	7.98	3.3	1.430	105.2	3.9	1.4	0.9	
1006	9/29/2014 23:01:03	19.38			8.10	7.97	3.4	1.465	105.9	3.4	1.3	0.8	
1007	9/29/2014 23:16:02	19.36			8.07	7.97	3.8	1.509	105.3	3.9	1.4	0.9	
1008	9/29/2014 23:31:03	19.38	8.10	7.97	3.9	1.576	105.8	3.7	1.4	0.9			
1009	9/29/2014 23:46:03	19.36	8.02	7.97	3.9	1.642	104.8	3.4	1.3	0.8			
1010	9/30/2014 0:01:03	19.36	7.73	7.94	4.9	1.717	100.8	3.7	1.4	0.9			
1011	9/30/2014 0:16:03	19.34	7.64	7.93	5.0	1.785	99.7	3.9	1.4	0.9			
1012	9/30/2014 0:31:03	19.34	7.63	7.93	4.6	1.866	99.6	4.1	1.5	1.0			
1013	9/30/2014 0:46:03	19.29	7.69	7.94	4.6	1.937	100.3	3.8	1.4	0.9			
1014	9/30/2014 1:01:03	19.26	7.69	7.94	4.5	2.007	100.3	3.7	1.4	0.9			
1015	9/30/2014 1:16:03	19.23	7.64	7.94	4.5	2.088	99.6	4.1	1.5	1.0			
1016	9/30/2014 1:31:03	19.18	7.57	7.93	4.2	2.151	98.5	3.6	1.3	0.9			
1017	9/30/2014 1:46:03	19.06	7.37	7.92	4.2	2.230	95.8	4.0	1.5	0.9			
1018	9/30/2014 2:01:03	19.00	7.27	7.91	4.1	2.300	94.3	3.8	1.4	0.9			
1019	9/30/2014 2:16:03	18.97	7.22	7.91	4.3	2.366	93.7	3.5	1.3	0.8			
1020	9/30/2014 2:31:03	18.91	7.21	7.91	4.3	2.433	93.5	3.7	1.4	0.9			
1021	9/30/2014 2:46:03	18.85	7.21	7.92	4.7	2.504	93.5	3.7	1.4	0.9			
1022	9/30/2014 3:01:03	18.78	7.22	7.92	4.0	2.570	93.5	3.4	1.3	0.8			
1023	9/30/2014 3:16:03	18.66	7.24	7.93	4.3	2.634	93.5	3.2	1.2	0.8			
1024	9/30/2014 3:31:03	18.59	7.24	7.93	4.4	2.692	93.2	3.1	1.1	0.7			

sonde #2			Indian Island Long-Term Deployment Water Quality Data									
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	Chlorophyll	Corrected Chlorophyll	Fluorescence	
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters				DO%
1025	9/30/2014 3:46:03	18.49			7.22	7.93	4.3	2.751	92.9	3.8	1.4	0.9
1026	9/30/2014 4:01:03	18.29			7.24	7.94	4.2	2.811	92.8	3.4	1.3	0.8
1027	9/30/2014 4:16:03	18.12			7.27	7.95	5.1	2.859	92.9	2.9	1.1	0.7
1028	9/30/2014 4:31:03	18.05			7.28	7.95	3.9	2.896	92.7	3.4	1.3	0.8
1029	9/30/2014 4:46:03	18.00			7.26	7.95	3.6	2.936	92.3	3.4	1.3	0.8
1030	9/30/2014 5:01:03	17.92			7.16	7.95	3.8	2.957	91.1	3.2	1.2	0.8
1031	9/30/2014 5:16:03	17.94			7.03	7.94	3.3	2.966	89.6	3.3	1.2	0.8
1032	9/30/2014 5:31:03	17.91			7.00	7.93	3.7	2.959	89.2	2.7	1.0	0.6
1033	9/30/2014 5:46:03	17.83			7.07	7.94	3.5	2.934	89.9	3.1	1.1	0.7
1034	9/30/2014 6:01:03	17.92			6.93	7.92	5.0	2.914	88.3	2.4	0.9	0.6
1035	9/30/2014 6:16:03	18.07			6.98	7.92	6.4	2.871	89.0	3.1	1.1	0.7
1036	9/30/2014 6:31:03	18.27			6.96	7.92	6.5	2.806	89.0	3.1	1.1	0.7
1037	9/30/2014 6:46:03	18.22			6.99	7.92	8.2	2.752	89.1	3.0	1.1	0.7
1038	9/30/2014 7:01:03	18.21			6.98	7.92	7.4	2.702	89.0	3.6	1.3	0.9
1039	9/30/2014 7:16:03	18.16			6.98	7.92	7.2	2.630	88.7	2.7	1.0	0.6
1040	9/30/2014 7:31:03	18.30			6.93	7.90	7.2	2.573	88.4	2.7	1.0	0.6
1041	9/30/2014 7:46:03	18.18			6.90	7.90	7.0	2.529	87.8	2.8	1.0	0.7
1042	9/30/2014 8:01:03	18.30			6.81	7.89	6.5	2.466	86.9	2.6	1.0	0.6
1043	9/30/2014 8:16:03	18.34			6.77	7.89	6.1	2.421	86.4	2.7	1.0	0.6
1044	9/30/2014 8:31:03	18.32			6.73	7.88	5.9	2.373	85.9	3.0	1.1	0.7
1045	9/30/2014 8:46:03	18.46			6.67	7.87	5.2	2.322	85.4	3.0	1.1	0.7
1046	9/30/2014 9:01:03	18.47			6.70	7.87	5.4	2.288	85.7	2.9	1.1	0.7
1047	9/30/2014 9:16:03	18.55			6.70	7.87	4.7	2.248	85.8	2.2	0.8	0.5
1048	9/30/2014 9:31:03	18.58			6.77	7.88	4.8	2.212	86.8	2.6	1.0	0.6
1049	9/30/2014 9:46:03	18.65			6.82	7.88	4.3	2.203	87.6	3.0	1.1	0.7
1050	9/30/2014 10:01:03	18.73			6.92	7.89	3.9	2.180	88.9	3.0	1.1	0.7
1051	9/30/2014 10:16:03	18.80			6.82	7.88	3.1	2.181	87.8	2.8	1.0	0.7
1052	9/30/2014 10:31:03	18.83			6.84	7.88	3.2	2.187	88.2	3.5	1.3	0.8
1053	9/30/2014 10:46:03	18.84	6.96	7.89	3.4	2.205	90.0	4.0	1.5	0.9		
1054	9/30/2014 11:01:03	18.84	6.97	7.89	3.1	2.221	90.2	3.8	1.4	0.9		
1055	9/30/2014 11:16:03	18.80	6.94	7.89	3.7	2.263	89.6	3.3	1.2	0.8		
1056	9/30/2014 11:31:03	18.77	6.90	7.88	3.9	2.306	89.0	3.3	1.2	0.8		
1057	9/30/2014 11:46:03	18.72	6.80	7.87	4.4	2.356	87.7	2.8	1.0	0.7		
1058	9/30/2014 12:01:03	18.69	6.90	7.89	4.2	2.410	88.7	2.6	1.0	0.6		
1059	9/30/2014 12:16:03	18.74	6.99	7.90	3.7	2.463	89.9	3.0	1.1	0.7		
1060	9/30/2014 12:31:03	18.70	7.02	7.90	4.5	2.531	90.3	3.0	1.1	0.7		
1061	9/30/2014 12:46:03	18.67	7.05	7.90	3.7	2.596	90.5	3.1	1.1	0.7		
1062	9/30/2014 13:01:03	18.59	7.08	7.91	4.0	2.655	90.9	3.2	1.2	0.8		
1063	9/30/2014 13:16:03	18.39	7.08	7.91	4.4	2.717	90.6	2.6	1.0	0.6		
1064	9/30/2014 13:31:03	18.15	7.18	7.93	5.1	2.791	91.4	2.5	0.9	0.6		
1065	9/30/2014 13:46:03	17.91	7.20	7.94	4.4	2.854	91.3	2.6	1.0	0.6		

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
1066	9/30/2014 14:01:03	17.81			7.23	7.94	4.5	2.919	91.5	2.4	0.9	0.6
1067	9/30/2014 14:16:03	17.84			7.38	7.96	4.0	2.992	93.3	2.4	0.9	0.6
1068	9/30/2014 14:31:03	17.76			7.40	7.96	4.0	3.054	93.5	3.4	1.3	0.8
1069	9/30/2014 14:46:03	17.57			7.42	7.97	5.5	3.117	93.3	3.0	1.1	0.7
1070	9/30/2014 15:01:03	17.33			7.50	7.98	3.5	3.164	94.2	2.9	1.1	0.7
1071	9/30/2014 15:16:03	17.19			7.51	7.99	3.6	3.221	94.2	3.0	1.1	0.7
1072	9/30/2014 15:31:03	17.05			7.56	8.00	3.2	3.274	94.6	3.1	1.1	0.7
1073	9/30/2014 15:46:03	16.93			7.65	8.01	3.5	3.305	95.4	3.1	1.1	0.7
1074	9/30/2014 16:01:03	16.81			7.71	8.01	2.9	3.333	96.1	3.6	1.3	0.9
1075	9/30/2014 16:16:03	16.78			7.67	8.01	3.2	3.361	95.5	3.1	1.1	0.7
1076	9/30/2014 16:31:03	16.80			7.40	8.00	2.7	3.363	92.5	2.6	1.0	0.6
1077	9/30/2014 16:46:03	16.80			7.51	8.00	2.9	3.355	93.7	2.4	0.9	0.6
1078	9/30/2014 17:01:03	16.94			7.55	8.00	8.1	3.325	94.4	3.1	1.1	0.7
1079	9/30/2014 17:16:03	17.42			7.68	8.00	14.2	3.302	96.6	4.3	1.6	1.0
1080	9/30/2014 17:31:03	17.36			7.79	8.01	21.3	3.248	98.2	5.4	2.0	1.3
1081	9/30/2014 17:46:03	17.25			7.83	8.01	22.7	3.188	98.5	5.1	1.9	1.2
1082	9/30/2014 18:01:03	17.24			7.77	8.01	28.4	3.112	97.8	5.4	2.0	1.3
1083	9/30/2014 18:16:03	17.42			7.70	8.00	25.0	3.043	97.7	5.2	1.9	1.2
1084	9/30/2014 18:31:03	17.47			7.67	7.99	26.8	2.967	97.2	5.4	2.0	1.3
1085	9/30/2014 18:46:03	17.25			7.69	8.00	26.7	2.873	96.6	5.7	2.1	1.3
1086	9/30/2014 19:01:03	17.45			7.57	7.98	28.4	2.796	95.6	5.4	2.0	1.3
1087	9/30/2014 19:16:03	17.12			7.59	7.99	25.7	2.710	95.1	5.9	2.2	1.4
1088	9/30/2014 19:31:03	17.54			7.45	7.96	30.3	2.617	94.2	6.1	2.3	1.4
1089	9/30/2014 19:46:03	17.88			7.32	7.94	37.0	2.520	93.2	5.8	2.1	1.4
1090	9/30/2014 20:01:03	17.81			7.28	7.94	37.7	2.435	92.6	5.5	2.0	1.3
1091	9/30/2014 20:16:03	18.03			7.22	7.93	46.1	2.338	92.1	6.1	2.3	1.4
1092	9/30/2014 20:31:03	17.97			7.21	7.92	41.8	2.231	91.9	5.8	2.1	1.4
1093	9/30/2014 20:46:03	18.09			7.18	7.91	57.8	2.129	91.7	5.5	2.0	1.3
1094	9/30/2014 21:01:03	18.16			7.17	7.91	63.9	2.025	91.7	5.1	1.9	1.2
1095	9/30/2014 21:16:03	18.13			7.18	7.90	72.7	1.916	91.5	5.0	1.9	1.2
1096	9/30/2014 21:31:03	18.23			7.13	7.90	39.4	1.811	91.2	4.9	1.8	1.2
1097	9/30/2014 21:46:03	18.34			7.04	7.90	32.4	1.718	90.9	5.4	2.0	1.3
1098	9/30/2014 22:01:03	18.54			7.01	7.89	33.3	1.640	90.7	4.9	1.8	1.2
1099	9/30/2014 22:16:03	18.48			6.98	7.89	36.9	1.557	90.4	4.8	1.8	1.1
1100	9/30/2014 22:31:03	18.61			6.96	7.89	23.9	1.485	90.2	5.1	1.9	1.2
1101	9/30/2014 22:46:03	18.73			6.93	7.89	23.7	1.454	90.1	5.0	1.9	1.2
1102	9/30/2014 23:01:03	18.81			6.87	7.88	19.4	1.422	88.7	5.2	1.9	1.2
1103	9/30/2014 23:16:03	18.80			6.38	7.86	17.2	1.402	82.5	5.8	2.1	1.4
1104	9/30/2014 23:31:03	18.76			6.59	7.86	19.7	1.397	85.1	5.0	1.9	1.2
1105	9/30/2014 23:46:03	18.86			7.05	7.90	18.8	1.427	90.8	4.3	1.6	1.0
1106	10/1/2014 0:01:03	18.85			7.08	7.90	21.0	1.460	91.1	4.8	1.8	1.1

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
1107	10/1/2014 0:16:03	18.87			7.02	7.90	20.6	1.486	90.8	4.2	1.6	1.0
1108	10/1/2014 0:31:03	18.87			7.02	7.90	21.8	1.543	90.8	5.4	2.0	1.3
1109	10/1/2014 0:46:03	18.84			7.01	7.91	21.2	1.615	90.7	4.9	1.8	1.2
1110	10/1/2014 1:01:03	18.76			7.05	7.90	19.8	1.671	90.9	4.6	1.7	1.1
1111	10/1/2014 1:16:03	18.75			7.04	7.90	18.9	1.737	90.9	4.6	1.7	1.1
1112	10/1/2014 1:31:03	18.73			7.06	7.90	16.3	1.811	91.0	4.1	1.5	1.0
1113	10/1/2014 1:46:03	18.73			7.08	7.90	18.0	1.877	91.3	4.7	1.7	1.1
1114	10/1/2014 2:01:03	18.79			7.04	7.90	18.4	1.956	91.0	4.4	1.6	1.0
1115	10/1/2014 2:16:03	18.75			7.02	7.90	16.8	2.013	90.7	4.4	1.6	1.0
1116	10/1/2014 2:31:03	18.70			7.03	7.89	17.0	2.091	90.7	4.6	1.7	1.1
1117	10/1/2014 2:46:03	18.60			7.06	7.90	15.8	2.158	91.0	4.7	1.7	1.1
1118	10/1/2014 3:01:03	18.47			7.13	7.91	15.2	2.229	91.8	4.6	1.7	1.1
1119	10/1/2014 3:16:03	18.37			7.17	7.92	12.4	2.305	92.0	4.0	1.5	1.0
1120	10/1/2014 3:31:03	18.32			7.16	7.92	12.8	2.362	91.9	3.8	1.4	0.9
1121	10/1/2014 3:46:03	18.28			7.18	7.92	10.8	2.433	92.0	3.9	1.4	0.9
1122	10/1/2014 4:01:03	18.27			7.17	7.92	12.2	2.496	91.7	3.5	1.3	0.8
1123	10/1/2014 4:16:03	18.18			7.15	7.92	12.6	2.556	91.5	4.4	1.6	1.0
1124	10/1/2014 4:31:03	18.10			7.16	7.93	13.4	2.616	91.5	3.9	1.4	0.9
1125	10/1/2014 4:46:03	18.04			7.16	7.93	11.5	2.674	91.4	3.4	1.3	0.8
1126	10/1/2014 5:01:03	17.95			7.16	7.93	12.2	2.739	91.3	3.7	1.4	0.9
1127	10/1/2014 5:16:03	17.76			7.20	7.94	12.0	2.775	91.3	4.1	1.5	1.0
1128	10/1/2014 5:31:03	17.63			7.23	7.94	9.2	2.823	91.6	3.6	1.3	0.9
1129	10/1/2014 5:46:03	17.56			7.23	7.95	8.6	2.869	91.5	4.0	1.5	0.9
1130	10/1/2014 6:01:03	17.53			7.19	7.95	7.1	2.887	90.6	3.6	1.3	0.9
1131	10/1/2014 6:16:03	17.44			7.14	7.94	5.6	2.914	89.9	3.2	1.2	0.8
1132	10/1/2014 6:31:03	17.49			6.86	7.92	7.2	2.927	86.2	3.3	1.2	0.8
1133	10/1/2014 6:46:03	17.49			6.88	7.92	6.5	2.925	86.2	3.4	1.3	0.8
1134	10/1/2014 7:01:03	17.36			6.98	7.94	7.3	2.910	87.4	2.8	1.0	0.7
1135	10/1/2014 7:16:03	17.43			7.06	7.94	8.4	2.873	88.1	3.1	1.1	0.7
1136	10/1/2014 7:31:03	17.56			6.91	7.92	10.4	2.836	86.8	2.7	1.0	0.6
1137	10/1/2014 7:46:03	17.62			6.85	7.90	12.0	2.793	85.9	2.7	1.0	0.6
1138	10/1/2014 8:01:03	17.59			6.78	7.90	10.9	2.730	85.2	3.4	1.3	0.8
1139	10/1/2014 8:16:03	17.61			6.91	7.91	10.1	2.672	86.4	3.2	1.2	0.8
1140	10/1/2014 8:31:03	17.64			6.88	7.91	8.9	2.619	86.4	3.1	1.1	0.7
1141	10/1/2014 8:46:03	17.66			6.88	7.90	8.6	2.562	85.9	3.3	1.2	0.8
1142	10/1/2014 9:01:03	17.66			6.82	7.90	7.7	2.505	85.6	3.0	1.1	0.7
1143	10/1/2014 9:16:03	17.68			6.82	7.90	8.0	2.465	85.6	2.5	0.9	0.6
1144	10/1/2014 9:31:03	17.74			6.74	7.89	6.9	2.406	84.8	2.7	1.0	0.6
1145	10/1/2014 9:46:03	17.78			6.71	7.88	6.5	2.363	84.5	2.7	1.0	0.6
1146	10/1/2014 10:01:03	17.85			6.67	7.87	6.8	2.323	84.0	3.1	1.1	0.7
1147	10/1/2014 10:16:03	17.90			6.70	7.88	6.4	2.288	84.5	3.3	1.2	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
1148	10/1/2014 10:31:03	18.00			6.75	7.88	7.3	2.260	85.3	3.2	1.2	0.8
1149	10/1/2014 10:46:03	18.05			6.74	7.88	5.9	2.241	85.3	3.1	1.1	0.7
1150	10/1/2014 11:01:03	18.14			6.61	7.87	5.6	2.224	83.8	4.2	1.6	1.0
1151	10/1/2014 11:16:03	18.18			6.37	7.85	5.7	2.221	81.0	3.3	1.2	0.8
1152	10/1/2014 11:31:03	18.21			6.95	7.89	6.4	2.233	88.2	3.9	1.4	0.9
1153	10/1/2014 11:46:03	18.14			6.91	7.89	7.0	2.239	87.5	4.2	1.6	1.0
1154	10/1/2014 12:01:03	18.08			6.86	7.89	7.0	2.263	86.7	3.6	1.3	0.8
1155	10/1/2014 12:16:03	18.06			6.78	7.88	7.9	2.294	85.6	3.0	1.1	0.7
1156	10/1/2014 12:31:03	18.02			6.75	7.88	8.6	2.328	85.1	3.1	1.1	0.7
1157	10/1/2014 12:46:03	18.02			6.79	7.89	9.9	2.371	85.6	3.0	1.1	0.7
1158	10/1/2014 13:01:03	17.98			6.86	7.89	8.4	2.414	86.2	2.8	1.0	0.7
1159	10/1/2014 13:16:03	17.96			6.85	7.90	8.3	2.472	86.4	2.5	0.9	0.6
1160	10/1/2014 13:31:03	17.91			6.92	7.90	8.9	2.522	87.0	3.2	1.2	0.8
1161	10/1/2014 13:46:03	17.91			6.98	7.91	9.0	2.576	87.8	2.9	1.1	0.7
1162	10/1/2014 14:01:03	17.79			6.99	7.91	8.9	2.637	87.8	2.6	1.0	0.6
1163	10/1/2014 14:16:04	17.74			7.05	7.92	8.9	2.693	88.5	2.3	0.9	0.5
1164	10/1/2014 14:31:03	17.75			7.13	7.93	10.3	2.754	89.5	2.8	1.0	0.7
1165	10/1/2014 14:46:03	17.56			7.29	7.95	8.1	2.811	91.8	2.8	1.0	0.7
1166	10/1/2014 15:01:03	17.38			7.33	7.96	8.1	2.881	91.7	3.0	1.1	0.7
1167	10/1/2014 15:16:04	17.27			7.36	7.96	7.5	2.936	92.0	2.8	1.0	0.7
1168	10/1/2014 15:31:03	17.17			7.41	7.97	7.1	3.001	92.1	2.9	1.1	0.7
1169	10/1/2014 15:46:03	17.10			7.45	7.98	6.7	3.067	92.4	2.9	1.1	0.7
1170	10/1/2014 16:01:03	17.04			7.50	7.98	6.5	3.118	93.0	3.2	1.2	0.8
1171	10/1/2014 16:16:03	16.93			7.61	7.99	6.8	3.177	94.2	3.2	1.2	0.8
1172	10/1/2014 16:31:03	16.79			7.66	8.00	6.4	3.225	94.4	3.7	1.4	0.9
1173	10/1/2014 16:46:03	16.70			7.78	8.01	5.1	3.276	95.8	3.8	1.4	0.9
1174	10/1/2014 17:01:03	16.57			7.88	8.01	5.2	3.306	96.7	3.7	1.4	0.9
1175	10/1/2014 17:16:03	16.47			7.85	8.02	4.3	3.328	96.3	3.6	1.3	0.9
1176	10/1/2014 17:31:03	16.45			7.50	8.00	3.8	3.342	92.1	4.2	1.6	1.0
1177	10/1/2014 17:46:03	16.50			7.50	8.00	3.9	3.343	92.5	3.9	1.4	0.9
1178	10/1/2014 18:01:03	16.53			7.52	8.00	5.3	3.320	93.0	2.8	1.0	0.7
1179	10/1/2014 18:16:03	16.55			7.55	8.01	5.4	3.290	93.7	3.5	1.3	0.8
1180	10/1/2014 18:31:03	16.99			7.79	8.02	9.7	3.252	97.0	4.1	1.5	1.0
1181	10/1/2014 18:46:03	16.88			7.75	8.01	8.9	3.195	96.6	4.3	1.6	1.0
1182	10/1/2014 19:01:03	16.93			7.74	8.01	9.7	3.129	96.4	4.4	1.6	1.0
1183	10/1/2014 19:16:03	16.72			7.72	8.01	8.3	3.062	95.9	4.8	1.8	1.1
1184	10/1/2014 19:31:03	16.80			7.59	8.00	8.3	2.977	94.9	4.3	1.6	1.0
1185	10/1/2014 19:46:03	17.11			7.52	7.99	9.1	2.900	94.3	5.0	1.9	1.2
1186	10/1/2014 20:01:03	17.18			7.47	7.98	9.4	2.817	93.9	4.3	1.6	1.0
1187	10/1/2014 20:16:03	17.24			7.46	7.97	10.4	2.731	93.4	4.8	1.8	1.1
1188	10/1/2014 20:31:03	17.23			7.41	7.97	10.6	2.643	93.0	4.7	1.7	1.1

sonde #2			Indian Island Long-Term Deployment Water Quality Data									
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters				
1189	10/1/2014 20:46:03	17.41			7.30	7.96	11.0	2.550	92.4	4.6	1.7	1.1
1190	10/1/2014 21:01:04	17.25			7.28	7.96	10.7	2.459	91.9	4.7	1.7	1.1
1191	10/1/2014 21:16:03	17.74			7.15	7.95	12.0	2.360	90.8	4.5	1.7	1.1
1192	10/1/2014 21:31:03	17.72			7.17	7.94	13.4	2.272	90.8	4.4	1.6	1.0
1193	10/1/2014 21:46:03	17.80			7.14	7.93	12.5	2.166	90.4	4.4	1.6	1.0
1194	10/1/2014 22:01:03	17.82			7.04	7.92	14.1	2.072	89.4	4.5	1.7	1.1
1195	10/1/2014 22:16:03	17.89			7.06	7.92	14.3	1.974	90.0	3.9	1.4	0.9
1196	10/1/2014 22:31:03	17.80			7.00	7.92	14.6	1.871	89.1	4.4	1.6	1.1
1197	10/1/2014 22:46:03	17.92			6.99	7.92	13.7	1.776	89.2	4.0	1.5	0.9
1198	10/1/2014 23:01:03	17.95			6.90	7.91	12.8	1.683	88.3	4.2	1.6	1.0
1199	10/1/2014 23:16:03	17.92			6.94	7.91	12.1	1.601	88.2	4.9	1.8	1.2
1200	10/1/2014 23:31:03	18.08			6.95	7.91	12.7	1.539	88.5	4.3	1.6	1.0
1201	10/1/2014 23:46:03	18.14			6.99	7.90	11.3	1.468	89.0	4.4	1.6	1.0
1202	10/2/2014 0:01:03	18.22			7.01	7.91	11.1	1.432	89.5	4.9	1.8	1.2
1203	10/2/2014 0:16:03	18.33			7.03	7.91	8.5	1.414	89.8	4.5	1.7	1.1
1204	10/2/2014 0:31:03	18.39			6.88	7.89	8.2	1.396	88.1	4.5	1.7	1.1
1205	10/2/2014 0:46:03	18.30			7.03	7.90	9.4	1.400	89.8	4.3	1.6	1.0
1206	10/2/2014 1:01:03	18.38			7.20	7.92	10.4	1.427	91.4	4.6	1.7	1.1
1207	10/2/2014 1:16:03	18.34			7.14	7.92	9.8	1.470	90.7	3.4	1.3	0.8
1208	10/2/2014 1:31:03	18.38			7.08	7.92	10.0	1.516	90.6	4.3	1.6	1.0
1209	10/2/2014 1:46:03	18.36			7.02	7.92	10.2	1.575	90.5	4.4	1.6	1.0
1210	10/2/2014 2:01:03	18.33			7.05	7.91	9.6	1.636	90.0	3.9	1.4	0.9
1211	10/2/2014 2:16:03	18.31			7.00	7.90	10.0	1.715	89.3	3.9	1.4	0.9
1212	10/2/2014 2:31:03	18.28			6.98	7.89	10.2	1.778	88.9	3.7	1.4	0.9
1213	10/2/2014 2:46:03	18.31			6.99	7.89	10.3	1.840	89.0	3.7	1.4	0.9
1214	10/2/2014 3:01:03	18.33			6.98	7.90	11.1	1.924	89.1	3.7	1.4	0.9
1215	10/2/2014 3:16:03	18.29			6.99	7.90	9.4	1.991	89.0	3.7	1.4	0.9
1216	10/2/2014 3:31:03	18.25			6.99	7.90	9.3	2.066	88.7	3.8	1.4	0.9
1217	10/2/2014 3:46:03	18.18			6.97	7.89	9.1	2.131	88.3	3.5	1.3	0.8
1218	10/2/2014 4:01:03	17.99	7.01	7.90	8.7	2.206	88.7	3.5	1.3	0.8		
1219	10/2/2014 4:16:03	17.93	7.04	7.90	7.7	2.280	88.9	3.9	1.4	0.9		
1220	10/2/2014 4:31:03	17.89	7.03	7.91	7.5	2.357	88.8	3.5	1.3	0.8		
1221	10/2/2014 4:46:03	17.79	7.07	7.91	8.3	2.416	89.2	3.8	1.4	0.9		
1222	10/2/2014 5:01:03	17.72	7.09	7.92	7.6	2.487	89.3	3.3	1.2	0.8		
1223	10/2/2014 5:16:03	17.63	7.13	7.93	8.0	2.563	89.6	3.5	1.3	0.8		
1224	10/2/2014 5:31:03	17.52	7.15	7.93	8.8	2.621	89.7	3.7	1.4	0.9		
1225	10/2/2014 5:46:03	17.45	7.17	7.93	8.7	2.693	89.8	4.3	1.6	1.0		
1226	10/2/2014 6:01:03	17.36	7.19	7.94	9.2	2.749	89.9	3.7	1.4	0.9		
1227	10/2/2014 6:16:03	17.12	7.32	7.95	9.0	2.815	90.5	3.8	1.4	0.9		
1228	10/2/2014 6:31:03	17.00	7.36	7.95	8.5	2.869	90.6	4.0	1.5	1.0		
1229	10/2/2014 6:46:03	16.87	7.39	7.96	7.9	2.913	90.8	4.0	1.5	0.9		

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
1230	10/2/2014 7:01:03	16.73			7.40	7.96	7.4	2.967	90.6	3.7	1.4	0.9
1231	10/2/2014 7:16:03	16.56			7.38	7.96	6.1	2.996	90.1	3.9	1.4	0.9
1232	10/2/2014 7:31:03	16.42			7.32	7.96	5.5	3.018	89.3	3.5	1.3	0.8
1233	10/2/2014 7:46:03	16.75			7.03	7.93	6.1	3.018	86.2	2.4	0.9	0.6
1234	10/2/2014 8:01:03	16.44			7.09	7.93	5.0	3.008	86.5	3.3	1.2	0.8
1235	10/2/2014 8:16:03	16.56			7.07	7.93	7.3	2.993	86.5	3.0	1.1	0.7
1236	10/2/2014 8:31:03	16.71			6.99	7.92	7.3	2.953	85.6	3.4	1.3	0.8
1237	10/2/2014 8:46:04	16.99			6.98	7.92	7.5	2.904	86.1	3.1	1.1	0.7
1238	10/2/2014 9:01:03	17.15			6.93	7.91	7.9	2.854	85.7	2.4	0.9	0.6
1239	10/2/2014 9:16:03	17.13			7.06	7.92	6.9	2.801	87.1	2.8	1.0	0.7
1240	10/2/2014 9:31:03	17.17			7.07	7.92	7.7	2.742	87.4	2.8	1.0	0.7
1241	10/2/2014 9:46:03	17.24			7.03	7.92	7.2	2.671	87.0	3.1	1.1	0.7
1242	10/2/2014 10:01:03	17.30			6.93	7.90	6.4	2.621	85.7	2.7	1.0	0.6
1243	10/2/2014 10:16:03	17.39			6.98	7.91	6.1	2.572	86.5	3.3	1.2	0.8
1244	10/2/2014 10:31:03	17.44			6.92	7.91	5.8	2.508	85.8	3.1	1.1	0.7
1245	10/2/2014 10:46:03	17.48			7.06	7.91	5.4	2.466	87.7	2.4	0.9	0.6
1246	10/2/2014 11:01:03	17.56			7.01	7.90	5.3	2.421	87.2	2.7	1.0	0.6
1247	10/2/2014 11:16:03	17.63			7.03	7.90	4.7	2.384	87.4	3.1	1.1	0.7
1248	10/2/2014 11:31:03	17.72			7.07	7.90	5.0	2.333	88.2	3.1	1.1	0.7
1249	10/2/2014 11:46:03	17.73			7.08	7.90	4.7	2.299	88.2	3.2	1.2	0.8
1250	10/2/2014 12:01:03	17.83			6.99	7.88	4.5	2.290	87.4	2.7	1.0	0.6
1251	10/2/2014 12:16:03	17.92			6.90	7.87	4.2	2.263	86.4	3.1	1.1	0.7
1252	10/2/2014 12:31:03	18.04			6.83	7.86	4.2	2.245	85.7	2.6	1.0	0.6
1253	10/2/2014 12:46:03	18.26			6.98	7.87	4.8	2.249	88.0	3.4	1.3	0.8
1254	10/2/2014 13:01:03	17.98			7.17	7.90	5.2	2.269	90.0	3.7	1.4	0.9
1255	10/2/2014 13:16:03	17.98			7.17	7.90	4.8	2.274	89.8	3.2	1.2	0.8
1256	10/2/2014 13:31:03	17.89			7.08	7.90	7.6	2.302	88.5	3.4	1.3	0.8
1257	10/2/2014 13:46:03	17.85			7.09	7.90	6.7	2.351	88.8	4.2	1.6	1.0
1258	10/2/2014 14:01:03	17.84			7.14	7.91	7.6	2.392	89.1	3.3	1.2	0.8
1259	10/2/2014 14:16:03	17.89			7.15	7.91	6.5	2.433	89.4	4.0	1.5	1.0
1260	10/2/2014 14:31:03	17.83			7.23	7.92	5.4	2.483	90.2	4.0	1.5	1.0
1261	10/2/2014 14:46:03	17.76			7.20	7.92	5.4	2.542	89.6	3.7	1.4	0.9
1262	10/2/2014 15:01:03	17.69			7.24	7.92	5.4	2.597	90.2	3.7	1.4	0.9
1263	10/2/2014 15:16:03	17.47			7.15	7.92	6.2	2.649	88.9	3.3	1.2	0.8
1264	10/2/2014 15:31:04	17.39			7.20	7.93	5.9	2.712	89.4	3.7	1.4	0.9
1265	10/2/2014 15:46:04	17.28			7.28	7.94	6.0	2.771	90.3	3.2	1.2	0.8
1266	10/2/2014 16:01:04	17.04			7.38	7.96	5.7	2.835	91.1	2.9	1.1	0.7
1267	10/2/2014 16:16:03	16.74			7.36	7.96	6.5	2.892	90.3	3.2	1.2	0.7
1268	10/2/2014 16:31:03	16.56			7.43	7.96	5.7	2.964	90.8	2.7	1.0	0.6
1269	10/2/2014 16:46:03	16.49			7.48	7.97	6.0	3.027	91.2	3.1	1.1	0.7
1270	10/2/2014 17:01:03	16.45			7.52	7.97	6.2	3.085	92.0	3.3	1.2	0.8

sonde #2			Indian Island Long-Term Deployment Water Quality Data										
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+		Depth		Chlorophyll	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters	DO%	ug/L			
1271	10/2/2014 17:16:03	16.16			7.62	7.98	6.6	3.143	92.6	2.8	1.0	0.7	
1272	10/2/2014 17:31:03	16.05			7.67	7.99	6.4	3.199	93.0	3.3	1.2	0.8	
1273	10/2/2014 17:46:03	15.91			7.76	7.99	5.6	3.255	93.5	3.0	1.1	0.7	
1274	10/2/2014 18:01:03	15.84			7.76	7.99	4.8	3.285	93.9	3.6	1.3	0.9	
1275	10/2/2014 18:16:03	15.75			7.83	7.99	4.2	3.324	93.9	3.5	1.3	0.8	
1276	10/2/2014 18:31:03	15.70			7.83	7.99	4.0	3.358	93.6	3.4	1.3	0.8	
1277	10/2/2014 18:46:03	15.68			7.61	7.97	2.9	3.364	92.0	3.1	1.1	0.7	
1278	10/2/2014 19:01:03	15.83			7.44	7.96	3.8	3.357	90.1	3.4	1.3	0.8	
1279	10/2/2014 19:16:03	15.66			7.61	7.96	3.9	3.351	91.1	3.3	1.2	0.8	
1280	10/2/2014 19:31:03	15.68			7.59	7.97	4.2	3.320	91.6	2.8	1.0	0.7	
1281	10/2/2014 19:46:03	15.81			7.59	7.97	4.8	3.276	91.2	3.1	1.1	0.7	
1282	10/2/2014 20:01:04	17.03			7.18	7.94	6.9	3.208	88.4	3.1	1.1	0.7	
1283	10/2/2014 20:16:03	16.85			7.22	7.94	6.7	3.136	89.1	3.2	1.2	0.8	
1284	10/2/2014 20:31:03	17.05			7.46	7.95	7.0	3.074	91.4	2.9	1.1	0.7	
1285	10/2/2014 20:46:03	17.19			7.63	7.97	7.2	2.989	94.3	3.5	1.3	0.8	
1286	10/2/2014 21:01:03	17.32			7.58	7.96	6.5	2.891	93.8	3.8	1.4	0.9	
1287	10/2/2014 21:16:03	17.38			7.58	7.95	8.1	2.807	94.0	3.4	1.3	0.8	
1288	10/2/2014 21:31:03	17.43			7.59	7.95	6.7	2.718	94.2	3.4	1.3	0.8	
1289	10/2/2014 21:46:03	17.62			7.66	7.95	6.5	2.632	94.6	3.2	1.2	0.8	
1290	10/2/2014 22:01:03	17.74			7.62	7.95	7.6	2.534	94.7	3.6	1.3	0.8	
1291	10/2/2014 22:16:03	17.80			7.67	7.95	8.5	2.437	95.5	3.6	1.3	0.9	
1292	10/2/2014 22:31:03	17.52			7.50	7.94	9.4	2.346	93.2	3.6	1.3	0.8	
1293	10/2/2014 22:46:03	17.53			7.48	7.94	9.6	2.240	92.9	4.0	1.5	0.9	
1294	10/2/2014 23:01:03	17.69			7.46	7.94	11.6	2.122	93.4	3.7	1.4	0.9	
1295	10/2/2014 23:16:03	17.53			7.47	7.94	12.1	2.029	93.0	4.0	1.5	1.0	
1296	10/2/2014 23:31:03	17.72			7.58	7.95	9.9	1.930	94.7	3.5	1.3	0.8	
1297	10/2/2014 23:46:03	17.82			7.59	7.95	9.0	1.831	94.8	3.5	1.3	0.8	
1298	10/3/2014 0:01:03	17.90			7.56	7.95	9.2	1.724	94.8	4.4	1.6	1.1	
1299	10/3/2014 0:16:03	17.99			7.66	7.95	7.3	1.647	95.7	4.1	1.5	1.0	
1300	10/3/2014 0:31:03	17.94			7.66	7.95	6.2	1.564	95.8	4.0	1.5	1.0	
1301	10/3/2014 0:46:03	18.11			7.76	7.95	7.0	1.496	97.1	3.7	1.4	0.9	
1302	10/3/2014 1:01:03	18.24			7.84	7.96	5.2	1.453	98.2	4.2	1.6	1.0	
1303	10/3/2014 1:16:03	18.31			7.96	7.96	5.4	1.411	99.8	4.8	1.8	1.1	
1304	10/3/2014 1:31:03	18.40	7.98	7.96	4.1	1.400	100.3	4.2	1.6	1.0			
1305	10/3/2014 1:46:03	18.35	7.96	7.94	4.2	1.407	99.8	3.8	1.4	0.9			
1306	10/3/2014 2:01:03	18.46	8.28	7.99	4.5	1.420	104.7	3.3	1.2	0.8			
1307	10/3/2014 2:16:03	18.42	8.21	7.99	4.3	1.454	103.6	3.3	1.2	0.8			
1308	10/3/2014 2:31:03	18.45	8.25	7.99	4.9	1.501	104.3	3.5	1.3	0.8			
1309	10/3/2014 2:46:03	18.45	8.25	7.99	5.0	1.565	104.1	3.6	1.3	0.8			
1310	10/3/2014 3:01:03	18.41	8.18	7.98	5.0	1.632	103.1	3.5	1.3	0.8			
1311	10/3/2014 3:16:03	18.47	7.80	7.95	6.5	1.699	98.5	3.5	1.3	0.8			

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.37)	Fluorescence %FS
1312	10/3/2014 3:31:03	18.46			7.67	7.94	6.7	1.769	96.8	3.9	1.4	0.9
1313	10/3/2014 3:46:03	18.45			7.65	7.94	6.3	1.857	96.4	3.6	1.3	0.9
1314	10/3/2014 4:01:03	18.38			7.72	7.94	5.7	1.933	97.3	3.7	1.4	0.9
1315	10/3/2014 4:16:03	18.32			7.71	7.95	5.0	1.996	96.9	3.5	1.3	0.8
1316	10/3/2014 4:31:03	18.27			7.63	7.94	5.3	2.074	95.9	3.2	1.2	0.8
1317	10/3/2014 4:46:03	18.13			7.52	7.93	5.7	2.162	94.1	3.4	1.3	0.8
1318	10/3/2014 5:01:03	17.94			7.33	7.92	5.7	2.239	91.2	3.2	1.2	0.8
1319	10/3/2014 5:16:03	17.82			7.23	7.91	6.0	2.318	89.6	3.6	1.3	0.8
1320	10/3/2014 5:31:03	17.70			7.21	7.91	5.5	2.395	89.2	3.2	1.2	0.8
1321	10/3/2014 5:46:03	17.61			7.18	7.92	5.7	2.475	89.0	3.3	1.2	0.8
1322	10/3/2014 6:01:03	17.53			7.17	7.92	6.4	2.555	89.0	3.3	1.2	0.8
1323	10/3/2014 6:16:04	17.36			7.18	7.92	7.0	2.628	88.9	3.4	1.3	0.8
1324	10/3/2014 6:31:03	17.25			7.15	7.92	8.5	2.705	88.4	3.5	1.3	0.8
1325	10/3/2014 6:46:03	17.09			7.18	7.93	7.7	2.779	88.6	3.8	1.4	0.9
1326	10/3/2014 7:01:03	16.78			7.28	7.94	9.1	2.852	89.2	3.7	1.4	0.9
1327	10/3/2014 7:16:03	16.61			7.32	7.94	9.5	2.910	89.3	3.1	1.1	0.7
1328	10/3/2014 7:31:03	16.36			7.34	7.95	9.0	2.980	89.3	3.2	1.2	0.8
1329	10/3/2014 7:46:03	16.06			7.36	7.95	7.4	3.041	88.9	3.0	1.1	0.7
1330	10/3/2014 8:01:03	15.71			7.37	7.95	6.1	3.088	88.3	2.9	1.1	0.7
1331	10/3/2014 8:16:03	15.42			7.36	7.95	5.6	3.129	87.9	3.1	1.1	0.7
1332	10/3/2014 8:31:03	15.33			7.32	7.95	4.3	3.151	87.2	2.6	1.0	0.6
1333	10/3/2014 8:46:03	15.78			7.10	7.92	4.5	3.166	85.3	2.2	0.8	0.5
Mean		18.09	51.72	34.07	7.23	7.94	6.76	2.52	92.69	3.43	1.27	0.81
Minimum		15.33	51.05	33.58	5.76	7.78	2.00	1.33	73.90	1.60	0.59	0.40
Maximum		19.66	52.05	34.31	8.44	8.07	72.70	3.57	110.20	8.30	3.07	2.00

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

Chlorophyll/Fluorescence displayed as *in vivo* (non-extractive) readings from YSI 6025 chlorophyll probe

Chlorophyll corrected with ratio derived from extractive analysis; Sample collected at 11:30; value = 0.74

Flagged data due to suspect values (i.e., equipment malfunction, interference, etc.)

Data listed as outlier and discarded due to field issues (i.e., equipment malfunction, interference, etc.)

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
0	10/3/2014 9:16:11	15.35	50.57	33.19	8.11	7.90	4.5	3.179	99.3	2.6	2.6	0.6
1	10/3/2014 9:31:10	15.43	50.56	33.18	7.98	7.94	5.0	3.138	97.8	1.9	1.9	0.4
2	10/3/2014 9:46:11	16.21	50.35	33.04	8.13	7.94	6.2	3.090	101.1	2.3	2.3	0.5
3	10/3/2014 10:01:11	16.84	50.19	32.93	8.21	7.94	6.6	3.027	103.3	2.5	2.5	0.6
4	10/3/2014 10:16:11	16.73	50.39	33.08	8.44	7.96	6.5	2.956	106.0	3.0	3.0	0.7
5	10/3/2014 10:31:11	16.96	50.18	32.93	8.41	7.96	5.7	2.882	106.1	2.9	2.9	0.7
6	10/3/2014 10:46:11	17.24	50.26	32.99	8.41	7.95	5.4	2.804	106.7	2.6	2.6	0.6
7	10/3/2014 11:01:11	17.34	50.26	32.99	8.33	7.94	6.0	2.743	105.8	2.7	2.7	0.6
8	10/3/2014 11:16:11	17.48	50.24	32.98	8.26	7.94	5.0	2.679	105.2	2.7	2.7	0.6
9	10/3/2014 11:31:11	17.59	50.30	33.02	8.23	7.94	5.7	2.607	105.1	2.7	2.7	0.6
10	10/3/2014 11:46:11	17.66	50.30	33.02	8.28	7.94	5.3	2.552	105.9	2.9	2.9	0.7
11	10/3/2014 12:01:11	17.78	50.27	33.00	8.30	7.94	5.5	2.495	106.4	2.6	2.6	0.6
12	10/3/2014 12:16:11	17.87	50.35	33.06	8.41	7.95	4.7	2.441	108.1	2.6	2.6	0.6
13	10/3/2014 12:31:11	18.08	50.34	33.05	8.57	7.96	4.6	2.388	110.5	3.0	3.0	0.7
14	10/3/2014 12:46:11	18.19	50.35	33.06	8.66	7.96	3.9	2.337	111.9	2.9	2.9	0.7
15	10/3/2014 13:01:11	18.24	50.31	33.04	8.84	7.97	3.9	2.290	114.4	3.0	3.0	0.7
16	10/3/2014 13:16:11	18.42	50.37	33.08	8.93	7.98	3.8	2.254	115.9	2.7	2.7	0.6
17	10/3/2014 13:31:11	18.48	50.40	33.10	9.01	7.98	4.2	2.225	117.1	2.5	2.5	0.6
18	10/3/2014 13:46:11	18.50	50.34	33.06	8.86	7.98	3.1	2.214	115.2	2.5	2.5	0.6
19	10/3/2014 14:01:11	18.66	50.44	33.13	8.99	7.98	3.6	2.195	117.3	3.6	3.6	0.8
20	10/3/2014 14:16:11	18.53	50.47	33.16	9.13	7.98	3.6	2.194	118.8	3.9	3.9	0.9
21	10/3/2014 14:31:11	18.50	50.49	33.17	9.14	7.98	3.8	2.226	118.9	4.1	4.1	1.0
22	10/3/2014 14:46:11	18.36	50.46	33.14	8.96	7.98	4.2	2.252	116.3	3.5	3.5	0.8
23	10/3/2014 15:01:11	18.43	50.46	33.14	8.86	7.97	4.7	2.270	115.1	3.5	3.5	0.8
24	10/3/2014 15:16:11	18.24	50.50	33.17	8.83	7.96	5.1	2.326	114.3	4.0	4.0	0.9
25	10/3/2014 15:31:11	18.11	50.52	33.18	8.78	7.96	5.0	2.384	113.3	3.7	3.7	0.9
26	10/3/2014 15:46:11	18.25	50.58	33.23	8.91	7.97	5.0	2.445	115.4	3.9	3.9	0.9
27	10/3/2014 16:01:11	18.12	50.48	33.16	8.89	7.97	5.4	2.503	114.8	3.9	3.9	0.9
28	10/3/2014 16:16:11	17.96	50.49	33.16	8.83	7.97	5.0	2.563	113.7	3.3	3.3	0.8
29	10/3/2014 16:31:11	17.80	50.67	33.30	8.79	7.96	4.7	2.637	112.9	3.8	3.8	0.9
30	10/3/2014 16:46:11	17.59	50.59	33.24	8.79	7.97	4.9	2.701	112.3	3.4	3.4	0.8
31	10/3/2014 17:01:11	17.55	50.74	33.34	8.89	7.97	5.3	2.766	113.7	3.9	3.9	0.9
32	10/3/2014 17:16:11	17.15	50.78	33.37	8.83	7.97	4.7	2.835	112.1	3.5	3.5	0.8
33	10/3/2014 17:31:10	16.88	50.94	33.49	8.87	7.98	5.6	2.903	112.1	3.8	3.8	0.9
34	10/3/2014 17:46:11	16.69	50.92	33.47	8.82	7.98	5.1	2.973	111.0	3.3	3.3	0.8
35	10/3/2014 18:01:11	16.52	50.96	33.50	8.81	7.98	5.0	3.043	110.5	3.3	3.3	0.8
36	10/3/2014 18:16:11	16.34	51.09	33.58	8.86	7.99	5.6	3.106	110.8	3.5	3.5	0.8
37	10/3/2014 18:31:11	16.24	51.02	33.53	8.93	7.99	6.1	3.178	111.4	3.8	3.8	0.9
38	10/3/2014 18:46:11	15.95	51.20	33.66	8.96	8.00	5.7	3.244	111.3	3.8	3.8	0.9
39	10/3/2014 19:01:11	15.80	51.15	33.62	8.93	8.00	5.0	3.291	110.6	4.5	4.5	1.1
40	10/3/2014 19:16:11	15.56	51.28	33.71	8.91	8.00	4.7	3.341	109.9	4.1	4.1	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
41	10/3/2014 19:31:11	15.40	51.32	33.74	8.86	8.00	4.0	3.394	109.0	4.0	4.0	0.9
42	10/3/2014 19:46:11	15.24	51.41	33.80	8.83	8.00	4.2	3.419	108.2	3.6	3.6	0.8
43	10/3/2014 20:01:11	15.20	51.34	33.75	8.70	7.99	3.4	3.434	106.5	3.9	3.9	0.9
44	10/3/2014 20:16:11	15.17	51.41	33.80	8.49	7.99	3.3	3.450	104.0	3.6	3.6	0.8
45	10/3/2014 20:31:11	15.23	51.39	33.79	8.52	7.99	3.8	3.442	104.4	2.8	2.8	0.6
46	10/3/2014 20:46:11	15.21	51.40	33.79	8.59	7.99	4.4	3.404	105.3	3.0	3.0	0.7
47	10/3/2014 21:01:11	15.73	51.32	33.74	8.49	7.98	4.5	3.359	105.1	3.1	3.1	0.7
48	10/3/2014 21:16:11	16.46	51.18	33.65	8.47	7.98	6.6	3.303	106.2	3.6	3.6	0.8
49	10/3/2014 21:31:11	16.29	51.03	33.54	8.76	7.99	6.5	3.215	109.5	3.9	3.9	0.9
50	10/3/2014 21:46:11	16.49	51.10	33.60	8.82	7.99	5.7	3.128	110.6	3.4	3.4	0.8
51	10/3/2014 22:01:11	16.94	51.12	33.62	8.80	7.99	6.5	3.052	111.4	3.6	3.6	0.8
52	10/3/2014 22:16:11	16.99	51.10	33.61	8.76	7.99	6.1	2.965	111.0	4.1	4.1	1.0
53	10/3/2014 22:31:11	17.10	51.04	33.56	8.78	7.98	6.7	2.852	111.4	3.5	3.5	0.8
54	10/3/2014 22:46:11	17.27	51.09	33.60	8.82	7.99	6.2	2.762	112.4	3.6	3.6	0.8
55	10/3/2014 23:01:11	17.65	50.99	33.53	8.90	7.99	6.7	2.668	114.1	3.4	3.4	0.8
56	10/3/2014 23:16:11	17.71	50.98	33.53	8.96	7.99	6.7	2.564	115.1	3.5	3.5	0.8
57	10/3/2014 23:31:11	17.58	50.95	33.50	8.93	7.99	7.5	2.458	114.3	4.0	4.0	0.9
58	10/3/2014 23:46:11	17.25	51.10	33.61	8.87	7.99	8.6	2.347	113.0	3.6	3.6	0.9
59	10/4/2014 0:01:11	17.34	51.03	33.56	9.08	8.00	10.1	2.246	115.8	3.7	3.7	0.9
60	10/4/2014 0:16:11	17.43	51.07	33.59	9.08	8.00	10.4	2.130	116.0	4.1	4.1	1.0
61	10/4/2014 0:31:11	17.49	51.02	33.55	9.25	8.01	8.9	2.020	118.3	8.7	8.6	2.0
62	10/4/2014 0:46:11	17.76	50.96	33.51	9.41	8.02	8.6	1.912	120.9	4.1	4.1	1.0
63	10/4/2014 1:01:11	17.77	50.91	33.47	9.42	8.02	7.4	1.801	121.0	4.0	4.0	0.9
64	10/4/2014 1:16:11	17.82	50.94	33.50	9.44	8.02	6.5	1.711	121.4	4.3	4.3	1.0
65	10/4/2014 1:31:11	17.99	50.91	33.48	9.57	8.03	6.8	1.612	123.5	3.9	3.9	0.9
66	10/4/2014 1:46:11	18.08	50.88	33.45	9.63	8.03	5.7	1.548	124.4	3.8	3.8	0.9
67	10/4/2014 2:01:11	18.34	50.87	33.44	9.78	8.04	5.2	1.491	127.0	4.1	4.1	1.0
68	10/4/2014 2:16:11	18.44	50.86	33.44	9.90	8.05	4.7	1.436	128.9	4.2	4.2	1.0
69	10/4/2014 2:31:11	18.59	50.80	33.40	10.13	8.07	4.1	1.434	132.2	4.8	4.8	1.1
70	10/4/2014 2:46:11	18.50	50.81	33.40	10.05	8.06	4.0	1.427	130.9	4.1	4.1	1.0
71	10/4/2014 3:01:11	18.61	50.84	33.43	10.36	8.08	3.7	1.447	135.2	4.2	4.2	1.0
72	10/4/2014 3:16:11	18.59	50.83	33.42	10.37	8.08	3.8	1.498	135.3	3.7	3.7	0.9
73	10/4/2014 3:31:11	18.65	50.80	33.40	10.41	8.08	4.3	1.539	135.9	3.6	3.6	0.9
74	10/4/2014 3:46:11	18.61	50.79	33.39	10.39	8.08	4.2	1.622	135.5	3.9	3.9	0.9
75	10/4/2014 4:01:11	18.59	50.64	33.28	10.01	8.04	5.4	1.688	130.5	5.9	5.8	1.4
76	10/4/2014 4:16:11	18.63	50.48	33.16	9.47	8.00	7.2	1.761	123.4	4.9	4.9	1.1
77	10/4/2014 4:31:11	18.62	50.55	33.21	9.41	7.99	7.2	1.857	122.7	6.3	6.2	1.5
78	10/4/2014 4:46:11	18.50	50.66	33.29	9.65	8.02	5.8	1.928	125.6	6.3	6.2	1.5
79	10/4/2014 5:01:11	18.42	50.69	33.31	9.66	8.02	5.6	2.008	125.5	7.4	7.3	1.8
80	10/4/2014 5:16:11	18.33	50.71	33.33	9.57	8.01	6.9	2.101	124.1	8.1	8.0	1.9
81	10/4/2014 5:31:11	18.21	50.85	33.43	9.40	8.00	5.1	2.185	121.8	6.3	6.2	1.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
82	10/4/2014 5:46:11	18.01	50.92	33.48	9.11	7.98	5.3	2.261	117.6	8.0	7.9	1.9
83	10/4/2014 6:01:11	17.86	50.96	33.51	8.90	7.96	5.4	2.349	114.6	3.6	3.6	0.8
84	10/4/2014 6:16:11	17.73	51.04	33.57	8.81	7.95	6.0	2.441	113.2	3.7	3.7	0.9
85	10/4/2014 6:31:11	17.61	51.08	33.60	8.77	7.95	6.6	2.520	112.4	3.9	3.9	0.9
86	10/4/2014 6:46:11	17.47	51.08	33.60	8.74	7.95	6.8	2.598	111.7	3.6	3.6	0.9
87	10/4/2014 7:01:11	17.26	51.08	33.59	8.72	7.95	8.0	2.688	111.1	3.5	3.5	0.8
88	10/4/2014 7:16:11	17.06	51.11	33.61	8.71	7.95	8.0	2.776	110.6	3.4	3.4	0.8
89	10/4/2014 7:31:11	16.70	51.24	33.71	8.75	7.95	10.9	2.850	110.3	3.2	3.2	0.8
90	10/4/2014 7:46:11	16.43	51.31	33.75	8.77	7.96	10.2	2.936	110.0	3.1	3.1	0.7
91	10/4/2014 8:01:11	16.24	51.29	33.73	8.79	7.96	10.6	3.024	109.8	3.3	3.3	0.8
92	10/4/2014 8:16:11	15.69	51.49	33.87	8.76	7.96	11.2	3.099	108.4	2.9	2.9	0.7
93	10/4/2014 8:31:11	15.21	51.56	33.91	8.73	7.97	7.9	3.172	107.1	3.0	3.0	0.7
94	10/4/2014 8:46:11	14.89	51.66	33.98	8.74	7.97	8.1	3.240	106.6	3.0	3.0	0.7
95	10/4/2014 9:01:11	14.76	51.67	33.98	8.75	7.97	6.6	3.300	106.4	2.8	2.8	0.7
96	10/4/2014 9:16:11	14.67	51.66	33.97	8.74	7.97	5.7	3.336	106.1	2.9	2.9	0.7
97	10/4/2014 9:31:11	14.54	51.74	34.03	8.68	7.97	3.4	3.369	105.0	2.1	2.1	0.5
98	10/4/2014 9:46:11	14.78	51.52	33.87	8.64	7.97	4.4	3.381	105.0	2.6	2.6	0.6
99	10/4/2014 10:01:11	14.64	51.56	33.90	8.58	7.96	4.8	3.373	104.0	2.3	2.3	0.5
100	10/4/2014 10:16:11	14.53	51.69	33.99	8.62	7.97	4.5	3.343	104.3	2.7	2.7	0.6
101	10/4/2014 10:31:11	14.64	51.71	34.01	8.58	7.96	5.9	3.278	104.1	2.4	2.4	0.6
102	10/4/2014 10:46:11	15.94	51.42	33.82	8.78	7.97	7.3	3.222	109.1	2.8	2.8	0.6
103	10/4/2014 11:01:12	15.99	51.47	33.86	9.01	7.97	5.1	3.156	112.1	2.8	2.8	0.7
104	10/4/2014 11:16:11	16.01	51.42	33.83	8.92	7.97	5.4	3.065	111.0	2.6	2.6	0.6
105	10/4/2014 11:31:11	16.64	51.34	33.78	8.99	7.97	6.5	2.975	113.3	2.8	2.8	0.6
106	10/4/2014 11:46:11	16.82	51.20	33.68	9.01	7.97	6.0	2.895	113.8	3.3	3.3	0.8
107	10/4/2014 12:01:11	17.06	51.24	33.71	9.04	7.97	4.9	2.813	114.7	2.9	2.9	0.7
108	10/4/2014 12:16:11	17.22	51.22	33.69	9.09	7.97	4.9	2.736	115.8	2.6	2.6	0.6
109	10/4/2014 12:31:11	17.43	51.15	33.64	9.13	7.97	5.2	2.643	116.7	2.9	2.9	0.7
110	10/4/2014 12:46:11	17.68	51.14	33.64	9.22	7.97	5.1	2.572	118.4	2.6	2.6	0.6
111	10/4/2014 13:01:11	17.81	51.14	33.64	9.33	7.98	4.5	2.506	120.1	3.1	3.1	0.7
112	10/4/2014 13:16:11	17.90	51.17	33.67	9.42	7.98	4.3	2.417	121.5	3.1	3.1	0.7
113	10/4/2014 13:31:11	18.08	51.14	33.65	9.54	7.99	5.4	2.341	123.5	2.6	2.6	0.6
114	10/4/2014 13:46:11	18.14	51.18	33.67	9.75	8.00	4.5	2.281	126.3	3.2	3.2	0.8
115	10/4/2014 14:01:11	18.27	51.13	33.64	9.90	8.01	4.1	2.210	128.5	3.5	3.5	0.8
116	10/4/2014 14:16:11	18.40	51.13	33.64	10.12	8.02	4.2	2.153	131.7	3.1	3.1	0.7
117	10/4/2014 14:31:11	18.54	51.14	33.64	10.34	8.04	4.3	2.104	135.0	3.2	3.2	0.7
118	10/4/2014 14:46:11	18.88	51.10	33.62	10.48	8.05	3.6	2.067	137.6	3.6	3.6	0.9
119	10/4/2014 15:01:11	18.80	51.13	33.64	10.73	8.06	3.2	2.053	140.7	3.4	3.4	0.8
120	10/4/2014 15:16:11	18.86	51.00	33.54	10.57	8.06	2.9	2.053	138.7	2.9	2.9	0.7
121	10/4/2014 15:31:11	18.84	51.11	33.62	10.63	8.05	3.6	2.053	139.5	3.5	3.5	0.8
122	10/4/2014 15:46:11	18.92	51.11	33.62	10.49	8.05	3.9	2.086	137.9	4.2	4.2	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
123	10/4/2014 16:01:11	18.69	51.05	33.58	10.58	8.05	4.2	2.134	138.5	3.9	3.9	0.9
124	10/4/2014 16:16:11	18.66	51.08	33.60	10.49	8.04	4.2	2.186	137.2	3.7	3.7	0.9
125	10/4/2014 16:31:12	18.53	51.08	33.60	10.28	8.03	4.7	2.254	134.1	4.0	4.0	0.9
126	10/4/2014 16:46:11	18.64	50.99	33.54	10.04	8.01	6.5	2.324	131.3	3.6	3.6	0.8
127	10/4/2014 17:01:12	18.41	51.14	33.64	10.05	8.01	4.9	2.404	130.8	4.0	4.0	0.9
128	10/4/2014 17:16:11	18.30	51.06	33.59	9.99	8.00	4.7	2.474	129.7	3.8	3.8	0.9
129	10/4/2014 17:31:11	18.01	51.10	33.62	9.73	7.99	5.0	2.546	125.8	3.4	3.4	0.8
130	10/4/2014 17:46:11	17.77	51.21	33.70	9.60	7.98	5.3	2.619	123.5	3.5	3.5	0.8
131	10/4/2014 18:01:11	17.44	51.26	33.72	9.41	7.97	5.7	2.698	120.4	3.7	3.7	0.9
132	10/4/2014 18:16:11	17.14	51.28	33.74	9.30	7.96	5.1	2.771	118.3	3.3	3.3	0.8
133	10/4/2014 18:31:11	17.02	51.32	33.77	9.25	7.96	5.0	2.846	117.3	3.3	3.3	0.8
134	10/4/2014 18:46:11	16.76	51.39	33.81	9.23	7.96	5.7	2.928	116.6	3.9	3.9	0.9
135	10/4/2014 19:01:11	16.31	51.45	33.86	9.14	7.96	7.0	3.010	114.4	3.8	3.8	0.9
136	10/4/2014 19:16:11	16.02	51.55	33.92	9.13	7.96	7.2	3.091	113.7	3.1	3.1	0.7
137	10/4/2014 19:31:11	15.74	51.59	33.95	9.14	7.97	8.4	3.172	113.3	3.9	3.9	0.9
138	10/4/2014 19:46:11	15.45	51.63	33.97	9.18	7.97	8.7	3.248	113.1	3.6	3.6	0.9
139	10/4/2014 20:01:11	15.24	51.73	34.03	9.16	7.97	7.0	3.328	112.4	3.9	3.9	0.9
140	10/4/2014 20:16:11	15.03	51.72	34.03	9.10	7.97	5.6	3.393	111.3	3.7	3.7	0.9
141	10/4/2014 20:31:11	14.79	51.81	34.08	9.05	7.97	5.7	3.446	110.2	3.8	3.8	0.9
142	10/4/2014 20:46:11	14.52	51.81	34.07	9.03	7.98	3.9	3.503	109.3	3.3	3.3	0.8
143	10/4/2014 21:01:11	14.46	51.82	34.08	9.01	7.97	3.4	3.538	108.9	3.2	3.2	0.8
144	10/4/2014 21:16:11	14.28	51.84	34.09	9.00	7.98	2.8	3.557	108.4	3.4	3.4	0.8
145	10/4/2014 21:31:11	14.53	51.84	34.09	8.94	7.97	4.4	3.552	108.2	3.6	3.6	0.8
146	10/4/2014 21:46:11	14.33	51.78	34.05	8.85	7.97	3.7	3.545	106.7	3.0	3.0	0.7
147	10/4/2014 22:01:11	14.32	51.93	34.16	8.85	7.97	3.8	3.511	106.8	2.9	2.9	0.7
148	10/4/2014 22:16:11	14.90	51.70	34.00	8.79	7.97	5.6	3.445	107.2	3.2	3.2	0.8
149	10/4/2014 22:31:11	15.69	51.63	33.97	8.90	7.97	6.3	3.370	110.2	3.4	3.4	0.8
150	10/4/2014 22:46:11	15.58	51.58	33.94	9.08	7.97	5.4	3.284	112.2	3.8	3.8	0.9
151	10/4/2014 23:01:11	15.98	51.48	33.87	9.16	7.98	6.1	3.193	114.0	3.6	3.6	0.9
152	10/4/2014 23:16:11	16.27	51.52	33.90	9.13	7.97	6.6	3.091	114.3	3.6	3.6	0.8
153	10/4/2014 23:31:11	16.41	51.50	33.89	9.14	7.97	6.5	2.984	114.8	3.9	3.9	0.9
154	10/4/2014 23:46:11	16.63	51.47	33.87	9.10	7.97	6.5	2.879	114.8	3.2	3.2	0.8
155	10/5/2014 0:01:11	16.81	51.33	33.77	9.09	7.96	5.9	2.774	114.9	3.6	3.6	0.8
156	10/5/2014 0:16:11	16.99	51.37	33.80	9.10	7.96	6.4	2.662	115.4	2.9	2.9	0.7
157	10/5/2014 0:31:11	17.35	51.32	33.77	9.22	7.97	7.6	2.552	117.7	3.1	3.1	0.7
158	10/5/2014 0:46:11	17.28	51.31	33.76	9.23	7.96	8.4	2.435	117.7	3.0	3.0	0.7
159	10/5/2014 1:01:11	16.83	51.37	33.80	9.24	7.96	8.3	2.324	116.8	3.2	3.2	0.8
160	10/5/2014 1:16:12	17.07	51.41	33.83	9.31	7.97	9.2	2.208	118.3	3.7	3.7	0.9
161	10/5/2014 1:31:12	17.13	51.35	33.79	9.41	7.98	9.2	2.096	119.6	4.0	4.0	0.9
162	10/5/2014 1:46:11	17.45	51.26	33.73	9.61	8.00	9.6	1.981	123.0	4.1	4.1	1.0
163	10/5/2014 2:01:11	17.75	51.24	33.71	9.82	8.01	9.2	1.863	126.3	3.9	3.9	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
164	10/5/2014 2:16:11	17.60	51.27	33.74	9.85	8.01	7.2	1.761	126.4	3.7	3.7	0.9
165	10/5/2014 2:31:11	17.81	51.27	33.74	9.82	8.01	6.6	1.668	126.5	4.0	4.0	0.9
166	10/5/2014 2:46:11	18.00	51.04	33.57	9.89	8.01	6.0	1.576	127.7	3.4	3.4	0.8
167	10/5/2014 3:01:12	18.18	51.18	33.67	10.06	8.02	6.0	1.510	130.5	4.2	4.2	1.0
168	10/5/2014 3:16:11	18.38	51.08	33.60	10.26	8.04	5.3	1.460	133.5	4.2	4.2	1.0
169	10/5/2014 3:31:11	18.45	51.04	33.57	10.19	8.03	4.5	1.436	132.7	3.7	3.7	0.9
170	10/5/2014 3:46:11	18.50	51.10	33.61	10.14	8.03	4.3	1.435	132.3	3.9	3.9	0.9
171	10/5/2014 4:01:11	18.49	51.08	33.60	10.43	8.05	3.9	1.448	136.0	3.9	3.9	0.9
172	10/5/2014 4:16:11	18.58	51.12	33.63	10.65	8.06	4.0	1.499	139.1	3.4	3.4	0.8
173	10/5/2014 4:31:12	18.63	51.07	33.60	10.79	8.08	4.5	1.565	141.0	3.7	3.7	0.9
174	10/5/2014 4:46:11	18.56	51.11	33.62	10.73	8.07	4.3	1.636	140.1	3.5	3.5	0.8
175	10/5/2014 5:01:11	18.49	51.04	33.57	10.31	8.03	6.0	1.731	134.4	3.6	3.6	0.8
176	10/5/2014 5:16:11	18.49	50.77	33.38	9.71	7.98	8.6	1.827	126.4	3.7	3.7	0.9
177	10/5/2014 5:31:11	18.39	50.92	33.49	9.95	8.00	7.3	1.915	129.4	3.9	3.9	0.9
178	10/5/2014 5:46:11	18.29	51.00	33.54	9.95	8.00	6.5	2.017	129.2	3.3	3.3	0.8
179	10/5/2014 6:01:11	18.19	51.07	33.59	9.89	8.00	6.8	2.110	128.3	3.9	3.9	0.9
180	10/5/2014 6:16:11	17.97	51.12	33.63	9.67	7.98	6.1	2.196	124.9	3.5	3.5	0.8
181	10/5/2014 6:31:11	17.79	51.20	33.69	9.42	7.96	6.4	2.291	121.3	3.2	3.2	0.8
182	10/5/2014 6:46:11	17.66	51.23	33.71	9.29	7.95	6.2	2.376	119.4	3.4	3.4	0.8
183	10/5/2014 7:01:11	17.54	51.29	33.75	9.23	7.94	7.2	2.479	118.3	3.8	3.8	0.9
184	10/5/2014 7:16:11	17.34	51.27	33.73	9.18	7.94	8.3	2.566	117.2	3.6	3.6	0.8
185	10/5/2014 7:31:11	17.08	51.31	33.76	9.11	7.93	9.4	2.660	115.7	3.3	3.3	0.8
186	10/5/2014 7:46:11	16.88	51.36	33.79	9.09	7.93	9.6	2.756	115.1	3.3	3.3	0.8
187	10/5/2014 8:01:11	16.62	51.34	33.77	9.07	7.93	13.0	2.848	114.2	3.2	3.2	0.8
188	10/5/2014 8:16:11	16.18	51.53	33.91	9.07	7.93	14.0	2.946	113.3	2.8	2.8	0.7
189	10/5/2014 8:31:11	15.95	51.42	33.82	9.08	7.94	13.9	3.036	113.0	3.5	3.5	0.8
190	10/5/2014 8:46:11	15.37	51.61	33.95	9.15	7.95	10.6	3.134	112.6	2.9	2.9	0.7
191	10/5/2014 9:01:11	15.03	51.74	34.04	9.17	7.95	11.5	3.221	112.2	2.9	2.9	0.7
192	10/5/2014 9:16:11	14.82	51.69	34.00	9.19	7.95	11.2	3.309	111.9	3.7	3.7	0.9
193	10/5/2014 9:31:11	14.63	51.72	34.01	9.20	7.96	9.3	3.389	111.6	3.4	3.4	0.8
194	10/5/2014 9:46:11	14.32	51.83	34.09	9.22	7.96	8.7	3.451	111.2	3.0	3.0	0.7
195	10/5/2014 10:01:11	14.14	51.86	34.10	9.26	7.96	5.3	3.497	111.3	3.3	3.3	0.8
196	10/5/2014 10:16:11	14.05	51.94	34.15	9.25	7.97	4.1	3.536	111.0	3.2	3.2	0.7
197	10/5/2014 10:31:11	14.00	51.96	34.17	9.16	7.96	3.2	3.555	109.8	2.7	2.7	0.6
198	10/5/2014 10:46:11	14.27	51.91	34.14	9.10	7.96	4.3	3.542	109.6	2.9	2.9	0.7
199	10/5/2014 11:01:11	14.03	51.95	34.17	9.23	7.96	4.4	3.515	110.7	2.8	2.8	0.7
200	10/5/2014 11:16:11	14.16	51.88	34.12	9.08	7.96	5.6	3.463	109.2	3.0	3.0	0.7
201	10/5/2014 11:31:11	15.13	51.77	34.06	9.26	7.96	6.2	3.386	113.5	2.7	2.7	0.6
202	10/5/2014 11:46:11	15.25	51.77	34.07	9.39	7.97	5.3	3.289	115.3	2.5	2.5	0.6
203	10/5/2014 12:01:11	15.72	51.73	34.05	9.30	7.97	5.6	3.194	115.3	2.4	2.4	0.6
204	10/5/2014 12:16:11	16.17	51.62	33.97	9.40	7.97	6.5	3.099	117.5	3.9	3.9	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
205	10/5/2014 12:31:11	16.44	51.53	33.91	9.42	7.97	5.3	2.995	118.3	3.1	3.1	0.7
206	10/5/2014 12:46:11	16.49	51.59	33.96	9.50	7.97	5.9	2.883	119.4	3.4	3.4	0.8
207	10/5/2014 13:01:11	16.69	51.53	33.91	9.48	7.97	5.3	2.793	119.6	3.3	3.3	0.8
208	10/5/2014 13:16:11	17.10	51.36	33.80	9.58	7.97	5.0	2.696	121.7	2.7	2.7	0.6
209	10/5/2014 13:31:11	17.41	51.39	33.82	9.65	7.97	5.6	2.598	123.4	2.7	2.7	0.6
210	10/5/2014 13:46:11	17.57	51.38	33.82	9.80	7.98	5.7	2.495	125.7	3.1	3.1	0.7
211	10/5/2014 14:01:11	17.54	51.49	33.90	9.94	7.99	5.3	2.399	127.6	3.0	3.0	0.7
212	10/5/2014 14:16:11	17.82	51.37	33.81	10.04	8.00	5.3	2.310	129.4	3.4	3.4	0.8
213	10/5/2014 14:31:12	17.82	51.54	33.94	10.26	8.01	5.1	2.212	132.4	3.2	3.2	0.8
214	10/5/2014 14:46:11	18.05	51.42	33.85	10.48	8.03	4.8	2.120	135.8	3.4	3.4	0.8
215	10/5/2014 15:01:11	18.32	51.34	33.79	10.67	8.04	5.6	2.034	138.9	3.4	3.4	0.8
216	10/5/2014 15:16:11	18.46	51.32	33.78	10.86	8.05	4.8	1.964	141.6	3.5	3.5	0.8
217	10/5/2014 15:31:11	18.68	51.37	33.82	11.06	8.06	4.3	1.905	144.8	4.1	4.1	1.0
218	10/5/2014 15:46:11	18.80	51.24	33.72	11.16	8.07	4.1	1.860	146.5	3.6	3.6	0.8
219	10/5/2014 16:01:11	19.05	51.18	33.68	11.52	8.09	3.4	1.828	151.8	4.1	4.1	1.0
220	10/5/2014 16:16:11	19.09	51.22	33.71	11.43	8.09	3.5	1.840	150.9	3.8	3.8	0.9
221	10/5/2014 16:31:11	19.21	51.11	33.63	11.68	8.10	3.3	1.844	154.3	4.1	4.1	1.0
222	10/5/2014 16:46:11	19.06	51.20	33.69	11.48	8.08	3.6	1.880	151.3	3.6	3.6	0.9
223	10/5/2014 17:01:11	19.03	51.25	33.73	11.36	8.08	4.0	1.941	149.8	4.5	4.5	1.1
224	10/5/2014 17:16:11	18.94	51.21	33.70	11.24	8.07	4.6	2.006	147.9	4.0	4.0	0.9
225	10/5/2014 17:31:11	18.95	51.13	33.64	10.74	8.03	8.2	2.095	141.2	4.7	4.7	1.1
226	10/5/2014 17:46:11	18.78	51.20	33.69	10.62	8.02	6.8	2.178	139.3	4.5	4.5	1.1
227	10/5/2014 18:01:12	18.61	51.26	33.73	10.64	8.03	5.7	2.267	139.2	4.0	4.0	0.9
228	10/5/2014 18:16:11	18.47	51.20	33.69	10.52	8.02	5.3	2.348	137.2	4.1	4.1	1.0
229	10/5/2014 18:31:11	18.09	51.33	33.78	10.21	7.99	5.6	2.434	132.3	3.6	3.6	0.8
230	10/5/2014 18:46:11	17.84	51.35	33.80	9.92	7.98	5.6	2.523	128.0	3.7	3.7	0.9
231	10/5/2014 19:01:11	17.56	51.33	33.78	9.72	7.96	5.7	2.598	124.6	4.1	4.1	1.0
232	10/5/2014 19:16:11	17.42	51.45	33.86	9.62	7.96	6.2	2.683	123.1	4.3	4.3	1.0
233	10/5/2014 19:31:11	17.25	51.44	33.86	9.61	7.95	7.0	2.775	122.5	3.9	3.9	0.9
234	10/5/2014 19:46:11	16.96	51.51	33.90	9.56	7.95	8.0	2.859	121.3	4.4	4.4	1.0
235	10/5/2014 20:01:11	16.62	51.54	33.93	9.51	7.95	8.1	2.949	119.9	3.6	3.6	0.8
236	10/5/2014 20:16:11	16.45	51.59	33.95	9.49	7.95	9.7	3.039	119.3	4.1	4.1	1.0
237	10/5/2014 20:31:11	15.97	51.70	34.03	9.61	7.96	9.9	3.141	119.7	4.6	4.6	1.1
238	10/5/2014 20:46:11	15.70	51.70	34.03	9.61	7.96	9.5	3.233	119.1	4.3	4.3	1.0
239	10/5/2014 21:01:11	15.31	51.83	34.11	9.67	7.97	8.9	3.315	119.0	4.3	4.3	1.0
240	10/5/2014 21:16:11	14.98	51.90	34.15	9.74	7.97	8.7	3.410	119.1	4.6	4.6	1.1
241	10/5/2014 21:31:11	14.75	51.87	34.13	9.80	7.98	6.8	3.484	119.2	4.2	4.2	1.0
242	10/5/2014 21:46:11	14.61	51.92	34.16	9.85	7.98	5.8	3.546	119.5	5.0	5.0	1.2
243	10/5/2014 22:01:11	14.49	51.97	34.19	9.86	7.98	4.1	3.599	119.4	4.7	4.7	1.1
244	10/5/2014 22:16:11	14.43	51.97	34.19	9.84	7.98	3.4	3.638	119.0	4.5	4.5	1.1
245	10/5/2014 22:31:11	14.67	51.91	34.15	9.68	7.98	2.9	3.649	117.6	4.0	4.0	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
246	10/5/2014 22:46:11	14.67	51.85	34.11	9.63	7.97	4.0	3.639	117.0	3.8	3.8	0.9
247	10/5/2014 23:01:11	14.46	51.90	34.14	9.71	7.98	7.3	3.608	117.5	4.1	4.1	1.0
248	10/5/2014 23:16:11	14.69	51.97	34.20	9.58	7.97	5.1	3.537	116.5	3.7	3.7	0.9
249	10/5/2014 23:31:11	15.20	51.83	34.11	9.53	7.96	6.2	3.457	117.0	4.5	4.5	1.0
250	10/5/2014 23:46:11	15.11	51.88	34.14	9.68	7.97	5.9	3.370	118.6	3.7	3.7	0.9
251	10/6/2014 0:01:11	15.75	51.71	34.04	9.60	7.97	6.8	3.265	119.0	3.5	3.5	0.8
252	10/6/2014 0:16:12	16.14	51.63	33.98	9.66	7.97	8.2	3.152	120.6	4.2	4.2	1.0
253	10/6/2014 0:31:11	16.10	51.65	33.99	9.61	7.97	6.8	3.045	120.0	4.2	4.2	1.0
254	10/6/2014 0:46:11	16.28	51.64	33.99	9.55	7.96	5.6	2.917	119.6	3.9	3.9	0.9
255	10/6/2014 1:01:11	16.47	51.63	33.99	9.48	7.95	6.4	2.805	119.2	3.8	3.8	0.9
256	10/6/2014 1:16:11	16.77	51.48	33.88	9.38	7.95	7.3	2.693	118.5	3.4	3.4	0.8
257	10/6/2014 1:31:11	17.08	51.53	33.92	9.44	7.95	8.0	2.577	120.0	3.8	3.8	0.9
258	10/6/2014 1:46:11	16.94	51.54	33.93	9.45	7.94	9.4	2.448	119.9	3.2	3.2	0.7
259	10/6/2014 2:01:11	16.87	51.54	33.93	9.39	7.95	9.0	2.342	118.9	4.0	4.0	0.9
260	10/6/2014 2:16:11	17.16	51.53	33.93	9.55	7.96	9.4	2.220	121.6	3.3	3.3	0.8
261	10/6/2014 2:31:11	17.01	51.52	33.92	9.59	7.96	8.9	2.093	121.7	3.9	3.9	0.9
262	10/6/2014 2:46:12	17.25	51.47	33.88	9.65	7.97	8.4	1.976	123.1	3.9	3.9	0.9
263	10/6/2014 3:01:11	17.34	51.50	33.90	9.77	7.98	8.1	1.861	124.9	3.7	3.7	0.9
264	10/6/2014 3:16:12	17.51	51.45	33.87	9.86	7.98	7.6	1.762	126.4	3.3	3.3	0.8
265	10/6/2014 3:31:11	17.62	51.41	33.84	9.90	7.99	6.5	1.647	127.2	3.5	3.5	0.8
266	10/6/2014 3:46:11	17.80	51.32	33.77	9.91	7.99	6.4	1.551	127.7	3.5	3.5	0.8
267	10/6/2014 4:01:11	18.06	51.26	33.73	10.05	8.00	6.0	1.511	130.0	3.8	3.8	0.9
268	10/6/2014 4:16:11	18.34	51.24	33.72	10.11	8.01	5.3	1.452	131.6	3.9	3.9	0.9
269	10/6/2014 4:31:11	18.40	51.25	33.73	10.15	8.01	4.7	1.428	132.2	3.9	3.9	0.9
270	10/6/2014 4:46:11	18.40	51.31	33.77	10.09	8.01	4.8	1.452	131.4	3.7	3.7	0.9
271	10/6/2014 5:01:11	18.58	51.30	33.76	10.49	8.04	4.0	1.487	137.1	3.0	3.0	0.7
272	10/6/2014 5:16:11	18.51	51.31	33.77	10.47	8.04	4.3	1.539	136.7	3.5	3.5	0.8
273	10/6/2014 5:31:11	18.55	51.23	33.72	10.64	8.05	4.7	1.618	139.0	3.1	3.1	0.7
274	10/6/2014 5:46:11	18.43	51.26	33.73	10.48	8.03	5.0	1.717	136.6	3.5	3.5	0.8
275	10/6/2014 6:01:11	18.35	51.05	33.58	9.86	7.98	8.3	1.815	128.2	3.4	3.4	0.8
276	10/6/2014 6:16:11	18.28	51.09	33.61	9.89	7.98	8.7	1.928	128.4	3.4	3.4	0.8
277	10/6/2014 6:31:11	18.11	51.21	33.69	9.89	7.98	7.3	2.021	128.0	3.4	3.4	0.8
278	10/6/2014 6:46:11	18.04	51.27	33.74	9.86	7.98	6.4	2.125	127.5	3.8	3.8	0.9
279	10/6/2014 7:01:12	17.81	51.34	33.79	9.71	7.96	7.3	2.228	125.1	3.1	3.1	0.7
280	10/6/2014 7:16:11	17.64	51.33	33.78	9.56	7.95	7.6	2.324	122.7	3.7	3.7	0.9
281	10/6/2014 7:31:11	17.53	51.36	33.80	9.46	7.93	7.5	2.423	121.2	3.0	3.0	0.7
282	10/6/2014 7:46:11	17.37	51.45	33.87	9.46	7.93	8.7	2.525	120.9	3.3	3.3	0.8
283	10/6/2014 8:01:11	17.08	51.51	33.91	9.41	7.93	9.5	2.626	119.7	3.2	3.2	0.8
284	10/6/2014 8:16:11	16.92	51.49	33.89	9.42	7.93	10.6	2.735	119.3	2.8	2.8	0.6
285	10/6/2014 8:31:11	16.72	51.44	33.85	9.42	7.93	13.1	2.833	118.9	3.8	3.8	0.9
286	10/6/2014 8:46:11	16.24	51.68	34.02	9.48	7.93	12.6	2.936	118.7	3.2	3.2	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
287	10/6/2014 9:01:11	15.91	51.64	33.99	9.55	7.93	13.7	3.050	118.7	3.5	3.5	0.8
288	10/6/2014 9:16:11	15.37	51.71	34.03	9.74	7.95	16.9	3.146	119.9	3.7	3.7	0.9
289	10/6/2014 9:31:11	15.09	51.88	34.14	9.80	7.95	15.0	3.258	120.1	4.3	4.3	1.0
290	10/6/2014 9:46:11	14.85	51.79	34.07	9.91	7.96	14.4	3.362	120.8	4.2	4.2	1.0
291	10/6/2014 10:01:11	14.70	51.93	34.17	10.00	7.96	12.3	3.450	121.6	4.0	4.0	1.0
292	10/6/2014 10:16:11	14.61	51.96	34.19	10.08	7.97	8.3	3.534	122.3	4.1	4.1	1.0
293	10/6/2014 10:31:12	14.31	52.03	34.23	10.55	8.01	6.2	3.606	127.3	4.7	4.7	1.1
294	10/6/2014 10:46:11	14.17	51.87	34.11	10.75	8.02	4.4	3.657	129.2	4.7	4.7	1.1
295	10/6/2014 11:01:11	14.15	52.03	34.22	10.74	8.02	3.7	3.692	129.2	6.2	6.1	1.5
296	10/6/2014 11:16:12	14.32	52.00	34.21	10.36	8.00	3.6	3.718	125.0	4.9	4.9	1.2
297	10/6/2014 11:31:11	14.44	52.00	34.21	10.31	8.00	4.2	3.698	124.7	3.5	3.5	0.8
298	10/6/2014 11:46:11	14.33	51.98	34.20	10.49	8.01	4.4	3.654	126.6	3.4	3.4	0.8
299	10/6/2014 12:01:11	14.48	51.98	34.20	10.48	8.00	4.5	3.598	126.8	4.0	4.0	0.9
300	10/6/2014 12:16:11	14.70	51.96	34.19	10.42	8.00	6.5	3.512	126.6	4.3	4.3	1.0
301	10/6/2014 12:31:11	14.81	51.97	34.20	10.80	8.03	5.8	3.406	131.6	4.5	4.5	1.1
302	10/6/2014 12:46:11	15.59	51.83	34.12	10.48	8.00	5.4	3.296	129.6	4.2	4.2	1.0
303	10/6/2014 13:01:11	15.93	51.66	34.00	10.15	7.98	8.1	3.180	126.3	5.0	5.0	1.2
304	10/6/2014 13:16:11	15.96	51.69	34.03	10.11	7.98	6.3	3.067	125.8	3.9	3.9	0.9
305	10/6/2014 13:31:11	16.15	51.72	34.05	10.10	7.98	5.6	2.946	126.3	4.1	4.1	1.0
306	10/6/2014 13:46:11	16.48	51.68	34.03	10.09	7.98	6.3	2.829	126.9	3.5	3.5	0.8
307	10/6/2014 14:01:11	16.79	51.55	33.94	10.12	7.98	6.0	2.710	128.0	3.3	3.3	0.8
308	10/6/2014 14:16:11	17.13	51.59	33.97	10.14	7.98	6.2	2.596	129.2	3.5	3.5	0.8
309	10/6/2014 14:31:11	17.21	51.58	33.96	10.26	7.99	7.3	2.484	130.9	3.3	3.3	0.8
310	10/6/2014 14:46:11	17.16	51.57	33.95	10.38	8.00	6.5	2.362	132.3	3.5	3.5	0.8
311	10/6/2014 15:01:11	17.21	51.63	34.00	10.66	8.02	6.6	2.239	136.0	3.8	3.8	0.9
312	10/6/2014 15:16:11	17.31	51.65	34.02	10.85	8.03	6.1	2.129	138.6	4.5	4.5	1.1
313	10/6/2014 15:31:11	17.55	51.55	33.94	10.95	8.03	6.1	2.010	140.5	4.3	4.3	1.0
314	10/6/2014 15:46:11	17.71	51.49	33.90	11.10	8.04	6.0	1.907	142.9	4.1	4.1	1.0
315	10/6/2014 16:01:11	17.90	51.53	33.93	11.17	8.05	5.7	1.809	144.3	3.9	3.9	0.9
316	10/6/2014 16:16:11	18.13	51.48	33.89	11.26	8.06	5.6	1.725	146.0	3.8	3.8	0.9
317	10/6/2014 16:31:11	18.29	51.39	33.83	11.45	8.07	4.8	1.654	149.0	4.1	4.1	1.0
318	10/6/2014 16:46:11	18.55	51.46	33.88	11.67	8.09	4.5	1.597	152.5	4.1	4.1	1.0
319	10/6/2014 17:01:11	18.68	51.39	33.83	11.59	8.08	5.8	1.589	151.8	4.1	4.1	1.0
320	10/6/2014 17:16:11	18.89	51.28	33.75	11.62	8.09	3.6	1.592	152.7	3.8	3.8	0.9
321	10/6/2014 17:31:11	18.99	51.26	33.73	12.02	8.11	3.4	1.605	158.3	3.8	3.8	0.9
322	10/6/2014 17:46:11	18.85	51.25	33.73	11.97	8.10	3.9	1.670	157.2	4.4	4.4	1.0
323	10/6/2014 18:01:11	18.89	51.32	33.78	11.74	8.09	4.5	1.737	154.4	3.8	3.8	0.9
324	10/6/2014 18:16:11	18.76	51.25	33.73	11.63	8.08	4.8	1.832	152.5	4.4	4.4	1.0
325	10/6/2014 18:31:11	18.90	51.20	33.69	10.79	8.02	10.0	1.928	141.8	4.4	4.4	1.0
326	10/6/2014 18:46:11	18.66	51.30	33.76	10.90	8.03	6.8	2.035	142.7	4.5	4.5	1.1
327	10/6/2014 19:01:11	18.51	51.37	33.82	10.85	8.02	6.9	2.145	141.8	4.2	4.2	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
328	10/6/2014 19:16:11	18.31	51.35	33.80	10.77	8.02	6.7	2.237	140.1	4.1	4.1	1.0
329	10/6/2014 19:31:11	17.92	51.42	33.85	10.47	7.99	6.8	2.337	135.2	4.3	4.3	1.0
330	10/6/2014 19:46:11	17.67	51.54	33.94	10.13	7.97	6.7	2.433	130.3	3.8	3.8	0.9
331	10/6/2014 20:01:11	17.53	51.54	33.93	9.97	7.96	6.9	2.530	127.9	3.7	3.7	0.9
332	10/6/2014 20:16:11	17.38	51.53	33.93	9.92	7.95	7.5	2.625	126.9	3.7	3.7	0.9
333	10/6/2014 20:31:11	17.08	51.54	33.93	9.95	7.95	8.8	2.718	126.5	4.5	4.5	1.1
334	10/6/2014 20:46:11	16.90	51.58	33.95	9.96	7.96	8.3	2.818	126.2	4.2	4.2	1.0
335	10/6/2014 21:01:11	16.69	51.64	34.00	10.01	7.96	9.8	2.918	126.4	4.2	4.2	1.0
336	10/6/2014 21:16:11	16.31	51.72	34.05	10.17	7.97	10.9	3.021	127.6	5.0	5.0	1.2
337	10/6/2014 21:31:11	15.98	51.72	34.05	10.33	7.98	10.1	3.118	128.7	5.2	5.1	1.2
338	10/6/2014 21:46:11	15.47	51.80	34.09	10.59	8.00	12.5	3.223	130.6	5.9	5.8	1.4
339	10/6/2014 22:01:12	15.22	51.85	34.12	10.71	8.01	9.4	3.320	131.5	6.1	6.0	1.4
340	10/6/2014 22:16:11	15.03	51.75	34.05	10.86	8.02	9.2	3.410	132.7	6.3	6.2	1.5
341	10/6/2014 22:31:11	14.85	51.88	34.13	10.94	8.03	6.5	3.492	133.3	5.7	5.6	1.3
342	10/6/2014 22:46:11	14.75	51.90	34.15	11.00	8.03	5.9	3.565	133.9	6.2	6.1	1.5
343	10/6/2014 23:01:11	14.58	51.92	34.16	11.24	8.05	4.7	3.619	136.3	7.2	7.1	1.7
344	10/6/2014 23:16:11	14.48	51.98	34.20	11.35	8.06	4.6	3.655	137.4	7.2	7.1	1.7
345	10/6/2014 23:31:11	14.65	51.86	34.12	11.00	8.04	3.3	3.664	133.6	6.3	6.2	1.5
346	10/6/2014 23:46:11	14.70	51.91	34.16	10.92	8.03	4.0	3.655	132.8	5.5	5.4	1.3
347	10/7/2014 0:01:11	14.59	51.99	34.21	11.10	8.05	3.6	3.612	134.7	5.3	5.2	1.3
348	10/7/2014 0:16:11	14.92	51.85	34.11	10.81	8.02	5.3	3.546	131.9	5.4	5.3	1.3
349	10/7/2014 0:31:11	15.04	51.93	34.18	10.65	8.01	6.8	3.461	130.3	5.4	5.3	1.3
350	10/7/2014 0:46:11	14.83	51.88	34.13	10.87	8.03	6.3	3.353	132.5	5.4	5.3	1.3
351	10/7/2014 1:01:11	15.64	51.69	34.01	10.42	8.00	8.2	3.236	128.9	5.4	5.3	1.3
352	10/7/2014 1:16:11	15.80	51.71	34.03	10.40	8.00	9.0	3.136	129.1	5.1	5.0	1.2
353	10/7/2014 1:31:11	15.87	51.77	34.08	10.36	7.99	7.8	3.015	128.8	5.4	5.3	1.3
354	10/7/2014 1:46:11	16.08	51.73	34.06	10.21	7.98	7.6	2.893	127.4	4.5	4.5	1.1
355	10/7/2014 2:01:11	16.38	51.67	34.02	9.99	7.97	7.4	2.775	125.4	3.9	3.9	0.9
356	10/7/2014 2:16:11	16.73	51.64	34.00	9.81	7.96	8.0	2.660	123.9	3.3	3.3	0.8
357	10/7/2014 2:31:12	16.98	51.59	33.96	9.74	7.95	8.4	2.536	123.7	3.9	3.9	0.9
358	10/7/2014 2:46:11	16.76	51.65	34.00	9.85	7.96	8.1	2.408	124.6	4.0	4.0	0.9
359	10/7/2014 3:01:12	16.60	51.71	34.05	9.91	7.97	8.9	2.290	124.9	3.9	3.9	0.9
360	10/7/2014 3:16:11	16.80	51.65	34.00	9.94	7.97	9.4	2.162	125.8	4.0	4.0	0.9
361	10/7/2014 3:31:12	16.75	51.69	34.03	9.97	7.97	10.0	2.043	126.0	3.7	3.7	0.9
362	10/7/2014 3:46:11	17.13	51.51	33.91	9.94	7.97	8.8	1.937	126.5	3.5	3.5	0.8
363	10/7/2014 4:01:11	17.16	51.58	33.96	9.92	7.97	8.4	1.820	126.3	3.7	3.7	0.9
364	10/7/2014 4:16:11	17.38	51.53	33.92	9.84	7.97	7.6	1.703	125.8	2.8	2.8	0.7
365	10/7/2014 4:31:11	17.46	51.51	33.91	9.76	7.96	6.8	1.628	125.0	3.0	3.0	0.7
366	10/7/2014 4:46:12	17.63	51.52	33.92	9.77	7.96	6.6	1.551	125.6	3.3	3.3	0.8
367	10/7/2014 5:01:11	17.82	51.36	33.81	9.79	7.97	5.4	1.502	126.2	3.4	3.4	0.8
368	10/7/2014 5:16:11	18.17	51.39	33.83	9.90	7.98	5.3	1.479	128.5	3.0	3.0	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
369	10/7/2014 5:31:11	18.31	51.41	33.84	9.85	7.99	4.3	1.489	128.1	3.2	3.2	0.8
370	10/7/2014 5:46:11	18.28	51.42	33.85	10.10	8.00	4.1	1.524	131.4	3.5	3.5	0.8
371	10/7/2014 6:01:12	18.21	51.42	33.85	10.03	7.99	4.5	1.562	130.3	3.2	3.2	0.8
372	10/7/2014 6:16:11	18.28	51.30	33.76	10.12	8.00	4.5	1.660	131.6	3.0	3.0	0.7
373	10/7/2014 6:31:11	18.15	51.37	33.81	10.07	7.99	5.1	1.759	130.6	2.8	2.8	0.7
374	10/7/2014 6:46:11	18.09	51.17	33.67	9.50	7.94	10.0	1.860	123.0	3.2	3.2	0.8
375	10/7/2014 7:01:11	18.00	51.29	33.75	9.57	7.94	8.6	1.969	123.7	3.5	3.5	0.8
376	10/7/2014 7:16:11	17.86	51.17	33.66	9.65	7.95	7.7	2.087	124.4	3.6	3.6	0.8
377	10/7/2014 7:31:11	17.78	51.22	33.70	9.68	7.95	7.2	2.191	124.6	3.2	3.2	0.7
378	10/7/2014 7:46:11	17.50	51.47	33.89	9.66	7.94	7.8	2.289	123.8	2.7	2.7	0.6
379	10/7/2014 8:01:11	17.27	51.51	33.91	9.62	7.94	7.0	2.390	122.8	3.0	3.0	0.7
380	10/7/2014 8:16:11	17.17	51.53	33.92	9.60	7.93	7.5	2.490	122.3	3.5	3.5	0.8
381	10/7/2014 8:31:11	16.98	51.53	33.92	9.63	7.93	9.2	2.601	122.3	3.9	3.9	0.9
382	10/7/2014 8:46:11	16.77	51.57	33.94	9.69	7.94	9.9	2.701	122.5	3.2	3.2	0.8
383	10/7/2014 9:01:11	16.60	51.61	33.98	9.78	7.94	10.8	2.807	123.3	3.1	3.1	0.7
384	10/7/2014 9:16:11	16.33	51.64	33.99	9.89	7.95	13.5	2.919	124.0	4.0	4.0	0.9
385	10/7/2014 9:31:11	15.95	51.75	34.07	10.07	7.97	13.5	3.033	125.4	4.3	4.3	1.0
386	10/7/2014 9:46:12	15.58	51.71	34.03	10.31	7.98	11.9	3.147	127.4	4.3	4.3	1.0
387	10/7/2014 10:01:11	15.14	51.85	34.12	10.62	8.01	12.0	3.264	130.2	4.9	4.9	1.1
388	10/7/2014 10:16:11	14.87	51.80	34.08	10.77	8.02	10.8	3.375	131.3	5.4	5.3	1.3
389	10/7/2014 10:31:11	14.65	51.90	34.14	10.88	8.03	9.5	3.481	132.1	4.7	4.7	1.1
390	10/7/2014 10:46:11	14.36	51.98	34.19	11.09	8.05	10.0	3.577	133.9	5.0	5.0	1.2
391	10/7/2014 11:01:11	14.11	51.98	34.19	11.20	8.06	6.5	3.662	134.6	6.0	5.9	1.4
392	10/7/2014 11:16:11	13.89	51.95	34.16	11.24	8.06	4.5	3.738	134.4	6.2	6.1	1.5
393	10/7/2014 11:31:11	13.68	51.98	34.17	11.24	8.06	3.7	3.787	133.8	5.4	5.3	1.3
394	10/7/2014 11:46:11	13.61	52.02	34.20	11.22	8.06	3.2	3.815	133.5	6.1	6.0	1.4
395	10/7/2014 12:01:11	14.29	51.93	34.16	10.89	8.04	3.7	3.834	131.2	5.6	5.5	1.3
396	10/7/2014 12:16:11	13.87	51.97	34.17	10.97	8.05	3.6	3.813	131.2	3.7	3.7	0.9
397	10/7/2014 12:31:11	14.22	51.94	34.16	10.97	8.05	4.7	3.758	132.0	4.3	4.3	1.0
398	10/7/2014 12:46:12	14.20	51.96	34.18	11.02	8.05	5.1	3.683	132.7	4.5	4.5	1.1
399	10/7/2014 13:01:12	14.75	51.96	34.20	11.23	8.06	5.7	3.597	136.7	4.6	4.6	1.1
400	10/7/2014 13:16:11	14.86	51.90	34.15	11.15	8.05	4.8	3.468	136.0	3.9	3.9	0.9
401	10/7/2014 13:31:11	15.52	51.70	34.02	10.80	8.03	7.5	3.348	133.4	5.1	5.0	1.2
402	10/7/2014 13:46:11	15.47	51.82	34.11	10.88	8.03	7.4	3.227	134.3	5.6	5.5	1.3
403	10/7/2014 14:01:11	15.61	51.79	34.09	10.81	8.03	7.5	3.092	133.8	4.7	4.7	1.1
404	10/7/2014 14:16:11	15.90	51.76	34.07	10.78	8.02	7.2	2.967	134.1	4.7	4.7	1.1
405	10/7/2014 14:31:12	16.31	51.76	34.08	10.68	8.01	7.3	2.833	134.0	3.9	3.9	0.9
406	10/7/2014 14:46:11	16.61	51.66	34.01	10.64	8.01	7.8	2.704	134.2	3.8	3.8	0.9
407	10/7/2014 15:01:11	16.78	51.66	34.01	10.77	8.00	6.8	2.579	136.3	3.6	3.6	0.8
408	10/7/2014 15:16:11	16.97	51.64	34.00	10.86	8.01	7.0	2.435	137.8	4.2	4.2	1.0
409	10/7/2014 15:31:11	16.22	51.77	34.09	11.38	8.05	6.4	2.306	142.4	4.3	4.3	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
410	10/7/2014 15:46:11	16.91	51.67	34.02	11.14	8.04	7.3	2.168	141.2	4.0	4.0	0.9
411	10/7/2014 16:01:11	17.16	51.56	33.94	11.24	8.04	7.4	2.027	143.2	4.0	4.0	0.9
412	10/7/2014 16:16:11	17.44	51.62	33.99	11.13	8.03	6.9	1.911	142.5	3.7	3.7	0.9
413	10/7/2014 16:31:12	17.64	51.62	33.99	11.08	8.04	6.5	1.792	142.5	3.7	3.7	0.9
414	10/7/2014 16:46:11	17.77	51.62	33.99	11.22	8.04	6.2	1.668	144.7	3.4	3.4	0.8
415	10/7/2014 17:01:11	17.83	51.54	33.93	11.23	8.04	6.8	1.563	144.8	3.7	3.7	0.9
416	10/7/2014 17:16:11	18.02	51.52	33.92	11.24	8.05	6.1	1.486	145.5	2.8	2.8	0.6
417	10/7/2014 17:31:11	18.13	51.51	33.92	11.18	8.04	5.5	1.414	145.0	3.1	3.1	0.7
418	10/7/2014 17:46:11	18.26	51.45	33.87	11.17	8.04	5.5	1.375	145.2	3.3	3.3	0.8
419	10/7/2014 18:01:11	18.48	51.40	33.83	11.16	8.05	4.5	1.387	145.7	4.0	4.0	0.9
420	10/7/2014 18:16:11	18.52	51.39	33.83	11.26	8.05	4.6	1.396	147.1	4.3	4.3	1.0
421	10/7/2014 18:31:11	18.68	51.39	33.83	11.49	8.07	4.3	1.471	150.5	3.5	3.5	0.8
422	10/7/2014 18:46:11	18.70	51.41	33.84	11.40	8.06	4.8	1.543	149.4	3.7	3.7	0.9
423	10/7/2014 19:01:11	18.58	51.42	33.85	11.34	8.06	4.4	1.633	148.4	3.7	3.7	0.9
424	10/7/2014 19:16:11	18.53	51.29	33.76	10.54	7.99	9.0	1.763	137.7	3.7	3.7	0.9
425	10/7/2014 19:31:11	18.44	51.26	33.73	10.48	7.99	8.3	1.860	136.6	3.9	3.9	0.9
426	10/7/2014 19:46:11	18.25	51.35	33.80	10.58	7.99	7.1	1.967	137.5	4.4	4.4	1.0
427	10/7/2014 20:01:11	18.16	51.37	33.82	10.61	8.00	6.7	2.088	137.6	4.0	4.0	0.9
428	10/7/2014 20:16:11	17.91	51.46	33.88	10.60	8.00	6.6	2.189	136.9	3.6	3.6	0.9
429	10/7/2014 20:31:12	17.64	51.53	33.93	10.37	7.98	6.7	2.285	133.2	4.0	4.0	0.9
430	10/7/2014 20:46:12	17.51	51.55	33.94	10.26	7.97	6.6	2.396	131.6	3.8	3.8	0.9
431	10/7/2014 21:01:12	17.40	51.62	33.99	10.15	7.96	7.8	2.501	129.9	4.1	4.1	1.0
432	10/7/2014 21:16:11	17.14	51.57	33.95	10.22	7.96	9.4	2.601	130.2	4.0	4.0	0.9
433	10/7/2014 21:31:11	16.93	51.61	33.98	10.28	7.97	10.2	2.705	130.4	3.5	3.5	0.8
434	10/7/2014 21:46:11	16.82	51.59	33.96	10.30	7.97	10.6	2.814	130.3	4.4	4.4	1.0
435	10/7/2014 22:01:11	16.49	51.65	34.00	10.43	7.98	12.7	2.923	131.2	4.8	4.8	1.1
436	10/7/2014 22:16:11	16.08	51.71	34.04	10.61	7.99	12.1	3.030	132.4	5.3	5.2	1.3
437	10/7/2014 22:31:11	15.61	51.69	34.02	10.80	8.01	12.7	3.138	133.5	6.0	5.9	1.4
438	10/7/2014 22:46:11	15.25	51.87	34.14	10.96	8.03	10.3	3.239	134.6	5.8	5.7	1.4
439	10/7/2014 23:01:11	15.09	51.85	34.12	11.01	8.03	9.4	3.345	134.9	5.4	5.3	1.3
440	10/7/2014 23:16:11	14.83	51.85	34.11	11.13	8.04	10.0	3.440	135.6	6.5	6.4	1.5
441	10/7/2014 23:31:11	14.63	51.89	34.13	11.26	8.06	7.5	3.523	136.7	6.0	5.9	1.4
442	10/7/2014 23:46:11	14.36	51.92	34.15	11.50	8.08	5.6	3.595	138.8	6.6	6.5	1.6
443	10/8/2014 0:01:11	14.25	51.86	34.10	11.59	8.08	4.0	3.652	139.5	7.1	7.0	1.7
444	10/8/2014 0:16:11	14.19	51.93	34.16	11.55	8.08	3.3	3.687	138.9	7.0	6.9	1.6
445	10/8/2014 0:31:11	14.59	51.85	34.11	11.13	8.06	4.3	3.694	134.9	5.2	5.1	1.2
446	10/8/2014 0:46:11	14.24	51.96	34.18	11.35	8.07	3.5	3.673	136.7	4.6	4.6	1.1
447	10/8/2014 1:01:11	14.83	51.88	34.14	10.93	8.04	7.3	3.630	133.1	4.7	4.7	1.1
448	10/8/2014 1:16:12	14.60	52.00	34.21	11.08	8.06	6.8	3.556	134.5	5.6	5.5	1.3
449	10/8/2014 1:31:11	14.65	51.88	34.13	11.08	8.05	8.2	3.459	134.5	5.9	5.8	1.4
450	10/8/2014 1:46:12	14.35	52.03	34.23	11.29	8.07	7.3	3.358	136.3	5.7	5.6	1.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
451	10/8/2014 2:01:11	15.45	51.86	34.14	10.51	8.01	9.0	3.241	129.7	4.3	4.3	1.0
452	10/8/2014 2:16:12	15.54	51.82	34.11	10.54	8.01	8.4	3.134	130.2	4.9	4.9	1.1
453	10/8/2014 2:31:12	15.63	51.82	34.11	10.47	8.01	8.5	3.006	129.6	4.9	4.9	1.1
454	10/8/2014 2:46:11	15.92	51.83	34.12	10.26	7.99	7.9	2.881	127.7	4.4	4.4	1.0
455	10/8/2014 3:01:11	16.28	51.68	34.02	10.02	7.98	8.9	2.773	125.6	4.0	4.0	0.9
456	10/8/2014 3:16:11	16.53	51.71	34.04	9.86	7.96	7.8	2.648	124.1	2.9	2.9	0.7
457	10/8/2014 3:31:12	16.71	51.71	34.05	9.77	7.96	8.7	2.525	123.4	3.7	3.7	0.9
458	10/8/2014 3:46:11	15.80	51.95	34.21	10.24	7.99	8.9	2.396	127.2	4.7	4.7	1.1
459	10/8/2014 4:01:12	15.71	51.88	34.15	10.24	7.99	10.1	2.279	127.0	4.4	4.4	1.0
460	10/8/2014 4:16:11	16.42	51.60	33.96	10.03	7.98	9.4	2.168	126.0	4.0	4.0	0.9
461	10/8/2014 4:31:11	16.91	51.68	34.03	9.89	7.97	7.9	2.046	125.5	3.5	3.5	0.8
462	10/8/2014 4:46:12	16.57	51.61	33.97	9.92	7.97	8.4	1.940	125.0	3.5	3.5	0.8
463	10/8/2014 5:01:12	16.93	51.66	34.02	9.78	7.96	7.8	1.846	124.0	3.6	3.6	0.9
464	10/8/2014 5:16:12	16.95	51.66	34.02	9.70	7.95	6.8	1.748	123.1	3.7	3.7	0.9
465	10/8/2014 5:31:11	17.12	51.59	33.96	9.71	7.95	6.4	1.678	123.6	3.3	3.3	0.8
466	10/8/2014 5:46:11	17.36	51.51	33.91	9.66	7.94	6.5	1.616	123.5	3.5	3.5	0.8
467	10/8/2014 6:01:11	17.67	51.55	33.95	9.63	7.95	6.1	1.597	123.9	2.9	2.9	0.7
468	10/8/2014 6:16:11	17.85	51.53	33.93	9.56	7.94	4.8	1.602	123.4	2.9	2.9	0.7
469	10/8/2014 6:31:11	17.91	51.55	33.94	9.70	7.95	4.2	1.634	125.3	3.0	3.0	0.7
470	10/8/2014 6:46:11	17.83	51.48	33.89	9.74	7.95	4.2	1.683	125.6	3.0	3.0	0.7
471	10/8/2014 7:01:12	17.95	51.50	33.91	9.69	7.95	4.6	1.772	125.2	2.8	2.8	0.7
472	10/8/2014 7:16:11	17.82	51.56	33.95	9.72	7.95	5.2	1.874	125.3	2.9	2.9	0.7
473	10/8/2014 7:31:11	17.70	51.33	33.78	9.42	7.92	8.9	1.979	121.1	3.2	3.2	0.7
474	10/8/2014 7:46:12	17.54	51.49	33.90	9.43	7.92	8.2	2.096	120.9	3.1	3.1	0.7
475	10/8/2014 8:01:11	17.40	51.51	33.91	9.53	7.93	7.0	2.218	121.9	3.1	3.1	0.7
476	10/8/2014 8:16:11	17.36	51.50	33.90	9.52	7.93	7.2	2.318	121.7	2.4	2.4	0.6
477	10/8/2014 8:31:12	17.07	51.54	33.93	9.65	7.94	7.7	2.422	122.7	2.7	2.7	0.6
478	10/8/2014 8:46:12	16.90	51.68	34.03	9.67	7.94	7.4	2.528	122.6	2.6	2.6	0.6
479	10/8/2014 9:01:11	16.77	51.61	33.98	9.75	7.94	8.7	2.633	123.2	2.9	2.9	0.7
480	10/8/2014 9:16:11	16.50	51.70	34.04	9.86	7.95	8.9	2.740	124.1	3.0	3.0	0.7
481	10/8/2014 9:31:11	16.34	51.66	34.01	9.99	7.96	10.1	2.844	125.3	3.2	3.2	0.8
482	10/8/2014 9:46:12	16.21	51.77	34.09	10.05	7.96	11.8	2.959	125.8	3.6	3.6	0.8
483	10/8/2014 10:01:12	15.82	51.72	34.04	10.21	7.98	12.0	3.072	126.7	3.6	3.6	0.9
484	10/8/2014 10:16:11	15.42	51.78	34.08	10.43	7.99	12.2	3.189	128.5	4.2	4.2	1.0
485	10/8/2014 10:31:11	14.88	51.89	34.14	10.68	8.02	11.8	3.304	130.3	3.9	3.9	0.9
486	10/8/2014 10:46:11	14.63	51.94	34.17	10.78	8.03	10.4	3.418	130.9	4.9	4.9	1.2
487	10/8/2014 11:01:11	14.38	51.98	34.20	10.85	8.03	9.2	3.537	131.1	4.5	4.5	1.1
488	10/8/2014 11:16:11	14.23	51.90	34.13	10.90	8.04	8.6	3.643	131.2	4.3	4.3	1.0
489	10/8/2014 11:31:11	13.89	52.06	34.24	10.91	8.04	8.9	3.743	130.5	4.2	4.2	1.0
490	10/8/2014 11:46:11	13.68	52.04	34.22	10.90	8.04	6.4	3.832	129.8	4.8	4.8	1.1
491	10/8/2014 12:01:11	13.50	52.07	34.23	10.90	8.04	4.5	3.902	129.4	3.8	3.8	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
492	10/8/2014 12:16:11	13.33	52.10	34.25	10.87	8.05	2.9	3.950	128.6	3.7	3.7	0.9
493	10/8/2014 12:31:11	13.28	51.92	34.12	10.83	8.04	3.1	3.979	127.9	4.4	4.4	1.0
494	10/8/2014 12:46:11	13.82	52.00	34.19	10.69	8.03	3.4	3.980	127.7	3.7	3.7	0.9
495	10/8/2014 13:01:11	13.47	52.02	34.19	10.64	8.04	3.4	3.952	126.2	3.7	3.7	0.9
496	10/8/2014 13:16:11	13.83	52.06	34.23	10.76	8.04	4.3	3.881	128.6	3.6	3.6	0.9
497	10/8/2014 13:31:11	13.85	52.01	34.20	10.86	8.04	4.9	3.795	129.8	3.5	3.5	0.8
498	10/8/2014 13:46:12	13.85	52.09	34.26	10.97	8.05	5.9	3.677	131.1	4.5	4.5	1.0
499	10/8/2014 14:01:12	14.17	52.00	34.20	10.94	8.05	6.2	3.551	131.7	4.5	4.5	1.1
500	10/8/2014 14:16:11	15.17	51.76	34.06	10.83	8.03	7.8	3.429	132.8	4.8	4.8	1.1
501	10/8/2014 14:31:11	15.18	51.87	34.14	10.85	8.03	8.1	3.287	133.1	4.5	4.5	1.1
502	10/8/2014 14:46:11	15.21	51.90	34.16	10.83	8.03	7.0	3.160	132.9	4.8	4.8	1.1
503	10/8/2014 15:01:12	15.52	51.91	34.18	10.78	8.03	7.2	3.018	133.2	4.4	4.4	1.0
504	10/8/2014 15:16:11	15.79	51.68	34.02	10.80	8.03	6.6	2.885	134.0	4.3	4.3	1.0
505	10/8/2014 15:31:11	16.21	51.73	34.06	10.70	8.02	7.6	2.753	134.0	3.8	3.8	0.9
506	10/8/2014 15:46:11	16.37	51.81	34.12	10.70	8.02	7.7	2.607	134.3	3.5	3.5	0.8
507	10/8/2014 16:01:11	16.17	51.81	34.12	10.85	8.03	7.0	2.462	135.7	3.4	3.4	0.8
508	10/8/2014 16:16:11	16.26	51.69	34.03	10.91	8.03	7.8	2.324	136.7	3.9	3.9	0.9
509	10/8/2014 16:31:12	16.63	51.76	34.09	10.86	8.03	7.7	2.164	137.1	3.9	3.9	0.9
510	10/8/2014 16:46:12	16.89	51.72	34.06	10.84	8.03	8.6	2.024	137.5	3.3	3.3	0.8
511	10/8/2014 17:01:11	16.99	51.60	33.97	10.88	8.02	7.3	1.897	138.2	3.6	3.6	0.8
512	10/8/2014 17:16:11	17.09	51.64	34.00	10.95	8.02	8.3	1.747	139.3	3.9	3.9	0.9
513	10/8/2014 17:31:11	17.23	51.66	34.02	10.97	8.03	7.5	1.613	139.9	3.4	3.4	0.8
514	10/8/2014 17:46:11	17.38	51.63	34.00	10.91	8.02	6.9	1.495	139.6	4.0	4.0	0.9
515	10/8/2014 18:01:11	17.45	51.62	33.99	10.87	8.01	5.8	1.389	139.3	3.7	3.7	0.9
516	10/8/2014 18:16:11	17.74	51.61	33.99	10.85	8.01	5.9	1.306	139.8	3.3	3.3	0.8
517	10/8/2014 18:31:11	17.82	51.61	33.99	10.85	8.01	5.5	1.259	140.0	3.8	3.8	0.9
518	10/8/2014 18:46:11	17.85	51.55	33.94	10.76	8.01	5.7	1.243	138.9	3.7	3.7	0.9
519	10/8/2014 19:01:11	17.83	51.62	34.00	10.84	8.01	5.5	1.276	139.9	4.1	4.1	1.0
520	10/8/2014 19:16:12	18.19	51.59	33.97	11.01	8.03	4.8	1.334	143.0	4.0	4.0	0.9
521	10/8/2014 19:31:11	18.22	51.58	33.97	11.07	8.03	5.1	1.426	143.9	3.4	3.4	0.8
522	10/8/2014 19:46:11	18.23	51.48	33.89	11.13	8.03	5.0	1.534	144.7	3.6	3.6	0.9
523	10/8/2014 20:01:11	18.13	51.34	33.79	10.42	7.97	8.4	1.633	135.0	4.1	4.1	1.0
524	10/8/2014 20:16:12	18.11	51.32	33.77	10.24	7.95	8.8	1.751	132.7	3.7	3.7	0.9
525	10/8/2014 20:31:12	17.91	51.50	33.90	10.44	7.98	7.2	1.863	134.9	3.7	3.7	0.9
526	10/8/2014 20:46:11	17.82	51.47	33.88	10.46	7.98	6.6	1.965	134.9	4.0	4.0	0.9
527	10/8/2014 21:01:12	17.80	51.56	33.95	10.48	7.98	6.7	2.082	135.1	3.9	3.9	0.9
528	10/8/2014 21:16:11	17.47	51.61	33.99	10.46	7.98	6.4	2.191	134.1	3.7	3.7	0.9
529	10/8/2014 21:31:11	17.34	51.66	34.02	10.32	7.97	6.4	2.294	132.0	3.6	3.6	0.8
530	10/8/2014 21:46:12	17.22	51.67	34.03	10.22	7.97	6.5	2.402	130.4	3.4	3.4	0.8
531	10/8/2014 22:01:11	17.00	51.64	34.00	10.24	7.97	8.3	2.509	130.1	3.5	3.5	0.8
532	10/8/2014 22:16:11	16.75	51.68	34.03	10.28	7.97	9.4	2.614	130.0	3.5	3.5	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
533	10/8/2014 22:31:11	16.63	51.70	34.04	10.29	7.97	9.9	2.715	129.8	4.1	4.1	1.0
534	10/8/2014 22:46:12	16.52	51.75	34.07	10.26	7.98	12.2	2.822	129.2	4.7	4.7	1.1
535	10/8/2014 23:01:11	16.12	51.70	34.03	10.37	7.99	12.1	2.930	129.5	4.4	4.4	1.0
536	10/8/2014 23:16:11	15.70	51.79	34.09	10.47	7.99	12.0	3.038	129.7	4.6	4.6	1.1
537	10/8/2014 23:31:12	15.29	51.75	34.05	10.55	8.01	10.5	3.136	129.6	4.4	4.4	1.0
538	10/8/2014 23:46:11	14.99	51.89	34.15	10.64	8.01	9.8	3.243	130.0	4.6	4.6	1.1
539	10/9/2014 0:01:11	14.81	51.82	34.09	10.69	8.02	10.4	3.349	130.2	4.7	4.7	1.1
540	10/9/2014 0:16:11	14.59	51.87	34.12	10.74	8.03	9.8	3.441	130.3	4.3	4.3	1.0
541	10/9/2014 0:31:11	14.28	51.90	34.14	10.78	8.03	6.5	3.520	129.9	4.6	4.6	1.1
542	10/9/2014 0:46:11	14.19	51.91	34.14	10.73	8.03	6.8	3.594	129.0	4.3	4.3	1.0
543	10/9/2014 1:01:11	13.99	51.98	34.19	10.72	8.04	5.3	3.649	128.5	4.1	4.1	1.0
544	10/9/2014 1:16:11	13.84	51.91	34.13	10.71	8.04	3.4	3.675	128.0	4.5	4.5	1.1
545	10/9/2014 1:31:11	14.67	51.85	34.11	10.38	8.02	5.2	3.680	126.1	4.4	4.4	1.0
546	10/9/2014 1:46:11	13.92	51.92	34.14	10.53	8.03	4.0	3.662	126.0	3.4	3.4	0.8
547	10/9/2014 2:01:12	14.30	51.84	34.09	10.45	8.02	5.9	3.608	126.0	3.9	3.9	0.9
548	10/9/2014 2:16:12	14.44	51.92	34.15	10.42	8.02	6.8	3.525	126.0	3.7	3.7	0.9
549	10/9/2014 2:31:12	14.66	51.78	34.06	10.46	8.02	6.7	3.424	127.0	3.8	3.8	0.9
550	10/9/2014 2:46:11	14.65	51.82	34.08	10.48	8.02	7.0	3.312	127.2	3.6	3.6	0.8
551	10/9/2014 3:01:11	15.32	51.79	34.08	10.28	8.00	9.0	3.200	126.5	4.1	4.1	1.0
552	10/9/2014 3:16:12	15.47	51.81	34.10	10.13	7.99	7.3	3.085	125.0	3.5	3.5	0.8
553	10/9/2014 3:31:12	15.51	51.83	34.12	10.10	7.98	7.2	2.963	124.8	3.6	3.6	0.8
554	10/9/2014 3:46:11	15.77	51.82	34.12	10.00	7.97	7.8	2.846	124.1	3.4	3.4	0.8
555	10/9/2014 4:01:12	16.00	51.76	34.08	9.88	7.96	7.2	2.728	123.2	3.4	3.4	0.8
556	10/9/2014 4:16:11	16.30	51.73	34.06	9.68	7.95	7.7	2.612	121.4	3.3	3.3	0.8
557	10/9/2014 4:31:11	16.04	51.79	34.09	9.77	7.95	9.0	2.498	121.8	3.3	3.3	0.8
558	10/9/2014 4:46:11	16.06	51.77	34.08	9.93	7.96	8.1	2.384	123.9	3.4	3.4	0.8
559	10/9/2014 5:01:12	15.77	51.82	34.11	9.98	7.97	9.1	2.266	123.9	3.1	3.1	0.7
560	10/9/2014 5:16:12	16.21	51.72	34.05	9.92	7.96	8.4	2.164	124.2	3.3	3.3	0.8
561	10/9/2014 5:31:12	16.45	51.70	34.04	9.80	7.96	8.3	2.056	123.2	3.4	3.4	0.8
562	10/9/2014 5:46:11	16.36	51.49	33.88	9.76	7.95	7.7	1.962	122.4	2.8	2.8	0.7
563	10/9/2014 6:01:11	16.59	51.72	34.06	9.65	7.95	6.3	1.876	121.7	2.9	2.9	0.7
564	10/9/2014 6:16:11	16.56	51.70	34.04	9.58	7.94	5.9	1.798	120.6	3.2	3.2	0.7
565	10/9/2014 6:31:11	16.72	51.57	33.95	9.52	7.93	5.6	1.756	120.3	3.3	3.3	0.8
566	10/9/2014 6:46:11	16.90	51.63	33.99	9.44	7.93	5.1	1.728	119.7	2.7	2.7	0.6
567	10/9/2014 7:01:11	17.28	51.61	33.98	9.29	7.92	4.7	1.736	118.6	2.9	2.9	0.7
568	10/9/2014 7:16:11	17.29	51.53	33.92	9.42	7.92	4.5	1.757	120.3	3.0	3.0	0.7
569	10/9/2014 7:31:12	17.26	51.60	33.97	9.44	7.93	3.9	1.811	120.5	2.6	2.6	0.6
570	10/9/2014 7:46:11	17.31	51.62	33.99	9.48	7.93	4.5	1.899	121.2	2.5	2.5	0.6
571	10/9/2014 8:01:11	17.20	51.64	34.00	9.53	7.93	5.6	1.988	121.6	2.5	2.5	0.6
572	10/9/2014 8:16:12	17.11	51.57	33.95	9.31	7.91	8.4	2.100	118.5	2.7	2.7	0.6
573	10/9/2014 8:31:12	16.93	51.45	33.86	9.38	7.91	7.9	2.218	118.9	2.5	2.5	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
574	10/9/2014 8:46:11	16.81	51.62	33.98	9.49	7.92	6.8	2.326	120.2	2.4	2.4	0.6
575	10/9/2014 9:01:11	16.77	51.64	34.00	9.51	7.92	6.8	2.428	120.3	2.6	2.6	0.6
576	10/9/2014 9:16:11	16.48	51.55	33.93	9.69	7.94	8.3	2.532	121.8	2.8	2.8	0.7
577	10/9/2014 9:31:11	16.35	51.68	34.02	9.74	7.94	6.8	2.635	122.3	2.5	2.5	0.6
578	10/9/2014 9:46:12	16.23	51.68	34.02	9.78	7.95	7.9	2.735	122.5	3.0	3.0	0.7
579	10/9/2014 10:01:12	15.96	51.75	34.06	9.82	7.95	8.9	2.833	122.3	3.2	3.2	0.8
580	10/9/2014 10:16:12	15.81	51.74	34.06	9.89	7.96	11.2	2.942	122.9	3.4	3.4	0.8
581	10/9/2014 10:31:11	15.65	51.65	33.99	9.98	7.97	10.8	3.050	123.5	3.5	3.5	0.8
582	10/9/2014 10:46:12	15.20	51.82	34.10	10.07	7.98	10.9	3.161	123.6	3.6	3.6	0.9
583	10/9/2014 11:01:12	14.80	51.87	34.12	10.20	7.99	13.0	3.279	124.1	3.3	3.3	0.8
584	10/9/2014 11:16:11	14.26	51.81	34.07	10.35	8.00	10.8	3.394	124.6	3.4	3.4	0.8
585	10/9/2014 11:31:11	14.01	51.88	34.11	10.39	8.01	10.3	3.507	124.6	3.8	3.8	0.9
586	10/9/2014 11:46:12	13.78	51.87	34.09	10.40	8.01	9.4	3.619	124.0	3.3	3.3	0.8
587	10/9/2014 12:01:11	13.67	51.93	34.14	10.43	8.01	7.2	3.724	124.1	3.8	3.8	0.9
588	10/9/2014 12:16:11	13.60	51.82	34.06	10.43	8.02	7.0	3.813	124.0	2.5	2.5	0.6
589	10/9/2014 12:31:12	13.42	51.95	34.14	10.50	8.02	5.6	3.894	124.4	3.4	3.4	0.8
590	10/9/2014 12:46:11	13.22	51.95	34.14	10.50	8.02	3.9	3.959	123.9	2.9	2.9	0.7
591	10/9/2014 13:01:11	13.21	51.98	34.16	10.43	8.02	4.7	3.999	123.0	3.0	3.0	0.7
592	10/9/2014 13:16:11	13.75	51.89	34.11	10.20	8.01	4.5	4.008	121.5	3.3	3.3	0.8
593	10/9/2014 13:31:11	13.53	51.93	34.13	10.30	8.01	3.6	4.007	122.2	2.9	2.9	0.7
594	10/9/2014 13:46:11	13.83	51.87	34.09	10.34	8.01	4.6	3.957	123.5	2.8	2.8	0.7
595	10/9/2014 14:01:11	13.54	51.87	34.09	10.40	8.01	5.2	3.871	123.4	3.2	3.2	0.8
596	10/9/2014 14:16:11	13.66	51.98	34.17	10.51	8.02	5.9	3.776	125.1	3.3	3.3	0.8
597	10/9/2014 14:31:11	13.66	51.96	34.16	10.60	8.03	5.0	3.655	126.1	2.6	2.6	0.6
598	10/9/2014 14:46:11	14.32	51.87	34.11	10.44	8.01	5.7	3.531	125.9	2.9	2.9	0.7
599	10/9/2014 15:01:12	14.57	51.88	34.13	10.38	8.01	8.2	3.395	125.9	3.2	3.2	0.8
600	10/9/2014 15:16:11	14.57	51.83	34.09	10.38	8.00	7.5	3.262	125.8	3.3	3.3	0.8
601	10/9/2014 15:31:11	14.73	51.72	34.02	10.38	8.00	6.4	3.130	126.1	3.4	3.4	0.8
602	10/9/2014 15:46:12	15.00	51.81	34.09	10.36	8.00	7.2	2.997	126.7	2.9	2.9	0.7
603	10/9/2014 16:01:11	15.19	51.84	34.12	10.35	8.00	5.9	2.855	127.0	3.3	3.3	0.8
604	10/9/2014 16:16:11	15.70	51.73	34.04	10.24	7.98	6.7	2.715	126.9	3.0	3.0	0.7
605	10/9/2014 16:31:11	15.69	51.70	34.03	10.33	7.99	7.9	2.574	128.0	2.9	2.9	0.7
606	10/9/2014 16:46:11	15.07	51.83	34.10	10.61	8.01	6.5	2.430	129.8	3.5	3.5	0.8
607	10/9/2014 17:01:12	15.34	51.82	34.11	10.51	8.00	6.9	2.274	129.3	3.5	3.5	0.8
608	10/9/2014 17:16:12	16.09	51.74	34.07	10.32	7.99	7.5	2.128	128.8	3.2	3.2	0.8
609	10/9/2014 17:31:11	16.24	51.71	34.04	10.27	7.98	7.6	1.988	128.5	3.5	3.5	0.8
610	10/9/2014 17:46:12	16.14	51.62	33.97	10.30	7.98	7.2	1.828	128.7	3.6	3.6	0.8
611	10/9/2014 18:01:12	16.35	51.65	34.00	10.27	7.98	6.8	1.692	128.8	3.6	3.6	0.8
612	10/9/2014 18:16:12	16.55	51.69	34.03	10.25	7.98	8.3	1.544	129.1	3.2	3.2	0.8
613	10/9/2014 18:31:12	16.72	51.69	34.04	10.19	7.97	7.1	1.422	128.8	3.5	3.5	0.8
614	10/9/2014 18:46:11	16.82	51.67	34.03	10.17	7.97	7.0	1.309	128.8	3.3	3.3	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
615	10/9/2014 19:01:12	16.92	51.59	33.97	10.11	7.96	8.9	1.224	128.2	3.6	3.6	0.9
616	10/9/2014 19:16:12	17.04	51.62	33.99	10.07	7.96	6.8	1.169	128.1	3.8	3.8	0.9
617	10/9/2014 19:31:11	17.09	51.59	33.97	10.01	7.95	7.5	1.161	127.4	4.5	4.5	1.1
618	10/9/2014 19:46:12	17.19	51.60	33.98	10.08	7.96	6.1	1.189	128.5	4.1	4.1	1.0
619	10/9/2014 20:01:11	17.35	51.57	33.95	10.16	7.96	5.3	1.253	129.9	3.6	3.6	0.8
620	10/9/2014 20:16:11	17.42	51.56	33.95	10.18	7.96	5.3	1.344	130.4	4.0	4.0	0.9
621	10/9/2014 20:31:11	17.41	51.55	33.94	10.24	7.96	5.7	1.448	131.1	3.5	3.5	0.8
622	10/9/2014 20:46:12	17.28	51.47	33.88	9.96	7.93	7.0	1.552	127.1	3.8	3.8	0.9
623	10/9/2014 21:01:11	17.25	51.34	33.79	9.63	7.90	8.6	1.670	122.7	4.2	4.2	1.0
624	10/9/2014 21:16:11	17.10	51.46	33.87	9.88	7.92	7.4	1.767	125.6	3.6	3.6	0.8
625	10/9/2014 21:31:12	16.99	51.43	33.84	9.94	7.93	6.7	1.879	126.1	3.4	3.4	0.8
626	10/9/2014 21:46:12	16.96	51.53	33.92	9.99	7.93	6.7	1.991	126.7	3.7	3.7	0.9
627	10/9/2014 22:01:12	16.89	51.59	33.96	10.10	7.94	6.2	2.099	128.0	3.3	3.3	0.8
628	10/9/2014 22:16:11	16.72	51.59	33.96	10.09	7.94	6.5	2.213	127.4	3.9	3.9	0.9
629	10/9/2014 22:31:12	16.63	51.63	33.99	10.00	7.94	6.2	2.322	126.2	3.7	3.7	0.9
630	10/9/2014 22:46:12	16.53	51.67	34.01	9.93	7.93	7.3	2.428	125.0	4.1	4.1	1.0
631	10/9/2014 23:01:12	16.32	51.61	33.97	9.97	7.94	7.6	2.537	125.0	3.8	3.8	0.9
632	10/9/2014 23:16:12	16.16	51.67	34.01	10.01	7.94	8.8	2.642	125.1	4.0	4.0	0.9
633	10/9/2014 23:31:11	16.06	51.70	34.03	10.04	7.95	10.0	2.748	125.2	3.7	3.7	0.9
634	10/9/2014 23:46:12	15.84	51.55	33.92	10.06	7.95	12.8	2.848	124.9	3.6	3.6	0.8
635	10/10/2014 0:01:12	15.55	51.75	34.06	10.11	7.96	12.9	2.948	124.9	3.8	3.8	0.9
636	10/10/2014 0:16:12	14.99	51.84	34.11	10.20	7.97	11.2	3.052	124.7	3.4	3.4	0.8
637	10/10/2014 0:31:12	14.73	51.76	34.05	10.25	7.97	11.6	3.144	124.5	3.5	3.5	0.8
638	10/10/2014 0:46:11	14.48	51.86	34.11	10.29	7.98	11.1	3.240	124.5	3.8	3.8	0.9
639	10/10/2014 1:01:12	14.29	51.88	34.12	10.29	7.98	9.4	3.335	124.1	3.5	3.5	0.8
640	10/10/2014 1:16:12	14.05	51.85	34.09	10.35	7.99	8.3	3.420	124.1	3.7	3.7	0.9
641	10/10/2014 1:31:11	13.83	51.89	34.12	10.43	8.00	6.8	3.485	124.5	3.5	3.5	0.8
642	10/10/2014 1:46:12	13.71	52.00	34.19	10.42	8.00	5.2	3.545	124.1	3.5	3.5	0.8
643	10/10/2014 2:01:11	13.62	51.95	34.15	10.44	8.00	4.0	3.584	124.1	3.7	3.7	0.9
644	10/10/2014 2:16:11	13.78	51.77	34.02	10.22	7.99	3.9	3.601	121.8	3.3	3.3	0.8
645	10/10/2014 2:31:12	13.73	51.93	34.14	10.24	7.99	4.2	3.584	122.1	2.8	2.8	0.7
646	10/10/2014 2:46:12	13.71	51.92	34.13	10.26	8.00	4.5	3.558	122.3	2.5	2.5	0.6
647	10/10/2014 3:01:11	13.94	51.88	34.11	10.17	7.99	5.0	3.487	121.6	2.5	2.5	0.6
648	10/10/2014 3:16:11	14.28	51.86	34.10	10.13	7.98	9.2	3.396	122.0	3.0	3.0	0.7
649	10/10/2014 3:31:11	14.14	51.93	34.15	10.22	7.98	7.2	3.294	122.8	3.1	3.1	0.7
650	10/10/2014 3:46:11	14.33	51.73	34.01	10.14	7.98	8.1	3.196	122.2	3.0	3.0	0.7
651	10/10/2014 4:01:11	14.88	51.80	34.08	9.94	7.96	9.2	3.089	121.2	2.7	2.7	0.6
652	10/10/2014 4:16:11	14.99	51.77	34.06	9.86	7.95	8.1	2.975	120.4	3.1	3.1	0.7
653	10/10/2014 4:31:12	15.27	51.76	34.06	9.68	7.94	7.6	2.868	119.0	3.1	3.1	0.7
654	10/10/2014 4:46:11	15.53	51.68	34.00	9.56	7.92	7.7	2.771	118.0	2.8	2.8	0.6
655	10/10/2014 5:01:11	15.80	51.62	33.97	9.37	7.90	7.0	2.668	116.2	2.2	2.2	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
656	10/10/2014 5:16:12	15.68	51.72	34.04	9.41	7.91	6.8	2.553	116.6	2.8	2.8	0.7
657	10/10/2014 5:31:12	15.23	51.73	34.04	9.53	7.92	8.6	2.457	117.0	3.3	3.3	0.8
658	10/10/2014 5:46:12	15.60	51.74	34.06	9.56	7.92	8.2	2.359	118.2	3.3	3.3	0.8
659	10/10/2014 6:01:12	15.60	51.77	34.07	9.56	7.93	7.8	2.266	118.2	2.8	2.8	0.7
660	10/10/2014 6:16:12	15.68	51.76	34.07	9.55	7.92	7.2	2.166	118.4	2.9	2.9	0.7
661	10/10/2014 6:31:11	15.65	51.64	33.98	9.65	7.92	7.3	2.081	119.4	3.0	3.0	0.7
662	10/10/2014 6:46:12	15.81	51.68	34.01	9.49	7.91	6.2	2.017	117.8	3.0	3.0	0.7
663	10/10/2014 7:01:12	15.89	51.66	34.00	9.42	7.90	5.6	1.948	117.1	2.9	2.9	0.7
664	10/10/2014 7:16:12	15.98	51.59	33.95	9.39	7.90	5.5	1.891	116.9	2.6	2.6	0.6
665	10/10/2014 7:31:11	16.40	51.59	33.95	9.23	7.89	4.5	1.898	115.8	2.9	2.9	0.7
666	10/10/2014 7:46:12	16.42	51.63	33.99	9.04	7.88	3.9	1.905	113.6	2.6	2.6	0.6
667	10/10/2014 8:01:12	16.56	51.63	33.99	9.16	7.88	3.9	1.917	115.4	3.0	3.0	0.7
668	10/10/2014 8:16:12	16.47	51.62	33.98	9.25	7.89	4.3	1.981	116.3	2.6	2.6	0.6
669	10/10/2014 8:31:12	16.55	51.57	33.95	9.15	7.88	4.9	2.056	115.2	2.2	2.2	0.5
670	10/10/2014 8:46:12	16.45	51.60	33.97	9.26	7.89	5.6	2.153	116.4	2.1	2.1	0.5
671	10/10/2014 9:01:12	16.36	51.52	33.91	9.14	7.87	7.8	2.236	114.6	2.9	2.9	0.7
672	10/10/2014 9:16:12	16.25	51.51	33.90	9.20	7.88	7.6	2.338	115.1	2.4	2.4	0.6
673	10/10/2014 9:31:12	16.16	51.59	33.95	9.27	7.89	6.8	2.447	115.9	2.5	2.5	0.6
674	10/10/2014 9:46:12	16.09	51.55	33.92	9.32	7.89	7.0	2.538	116.2	2.3	2.3	0.5
675	10/10/2014 10:01:12	15.79	51.67	34.01	9.51	7.91	6.8	2.628	118.0	2.7	2.7	0.6
676	10/10/2014 10:16:12	15.63	51.71	34.03	9.61	7.92	5.8	2.724	118.8	2.3	2.3	0.5
677	10/10/2014 10:31:12	15.49	51.75	34.06	9.66	7.93	6.8	2.822	119.1	2.6	2.6	0.6
678	10/10/2014 10:46:12	15.26	51.75	34.05	9.78	7.93	8.0	2.921	120.2	2.6	2.6	0.6
679	10/10/2014 11:01:12	15.09	51.73	34.03	9.85	7.94	8.7	3.019	120.6	2.5	2.5	0.6
680	10/10/2014 11:16:12	14.93	51.69	34.00	9.91	7.95	8.5	3.121	120.9	3.2	3.2	0.8
681	10/10/2014 11:31:11	14.60	51.76	34.04	10.01	7.95	9.7	3.228	121.4	2.7	2.7	0.6
682	10/10/2014 11:46:11	14.29	51.74	34.02	10.11	7.96	11.0	3.341	121.8	2.5	2.5	0.6
683	10/10/2014 12:01:11	13.87	51.88	34.11	10.21	7.97	10.4	3.450	122.0	2.7	2.7	0.6
684	10/10/2014 12:16:11	13.58	51.91	34.12	10.23	7.98	10.3	3.557	121.5	2.6	2.6	0.6
685	10/10/2014 12:31:11	13.31	51.97	34.15	10.21	7.98	7.8	3.657	120.6	2.7	2.7	0.6
686	10/10/2014 12:46:11	13.14	51.95	34.13	10.16	7.98	6.4	3.751	119.7	2.7	2.7	0.6
687	10/10/2014 13:01:11	13.08	52.05	34.20	10.11	7.98	5.4	3.828	119.0	2.2	2.2	0.5
688	10/10/2014 13:16:11	13.03	52.03	34.19	10.09	7.98	4.5	3.901	118.5	2.4	2.4	0.6
689	10/10/2014 13:31:11	12.93	52.04	34.19	10.07	7.98	3.2	3.947	118.1	2.4	2.4	0.6
690	10/10/2014 13:46:11	12.85	52.00	34.15	9.99	7.97	2.7	3.980	117.0	2.6	2.6	0.6
691	10/10/2014 14:01:11	13.32	51.95	34.14	9.99	7.97	3.6	3.987	118.1	2.3	2.3	0.5
692	10/10/2014 14:16:11	12.93	51.91	34.09	9.92	7.97	3.9	3.948	116.2	2.0	2.0	0.5
693	10/10/2014 14:31:11	13.40	51.95	34.14	10.10	7.98	4.4	3.898	119.6	2.5	2.5	0.6
694	10/10/2014 14:46:11	13.27	51.97	34.15	10.07	7.98	4.5	3.828	118.9	2.2	2.2	0.5
695	10/10/2014 15:01:11	13.29	52.05	34.21	10.10	7.98	5.5	3.726	119.3	2.3	2.3	0.5
696	10/10/2014 15:16:11	13.39	52.07	34.23	10.12	7.98	4.8	3.609	119.8	1.9	1.9	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
697	10/10/2014 15:31:12	14.16	51.85	34.09	10.17	7.98	7.8	3.495	122.2	3.2	3.2	0.8
698	10/10/2014 15:46:12	14.14	51.87	34.11	10.22	7.98	6.5	3.375	122.8	2.3	2.3	0.6
699	10/10/2014 16:01:11	14.22	51.87	34.11	10.18	7.98	6.1	3.251	122.5	2.9	2.9	0.7
700	10/10/2014 16:16:12	14.49	51.84	34.10	10.21	7.98	7.0	3.107	123.6	2.8	2.8	0.7
701	10/10/2014 16:31:11	14.69	51.83	34.10	10.23	7.97	6.8	2.988	124.2	3.2	3.2	0.8
702	10/10/2014 16:46:12	15.04	51.67	33.99	10.17	7.97	6.7	2.849	124.3	2.4	2.4	0.6
703	10/10/2014 17:01:11	15.16	51.73	34.04	10.19	7.97	7.0	2.705	124.9	2.6	2.6	0.6
704	10/10/2014 17:16:11	15.02	51.77	34.06	10.19	7.97	8.9	2.556	124.6	3.0	3.0	0.7
705	10/10/2014 17:31:12	15.20	51.72	34.03	10.20	7.97	8.1	2.423	125.2	2.9	2.9	0.7
706	10/10/2014 17:46:12	15.11	51.71	34.02	10.30	7.97	7.3	2.274	126.1	3.0	3.0	0.7
707	10/10/2014 18:01:12	15.20	51.81	34.10	10.28	7.97	7.8	2.129	126.1	3.2	3.2	0.8
708	10/10/2014 18:16:12	15.61	51.68	34.00	10.15	7.96	7.5	1.980	125.5	3.5	3.5	0.8
709	10/10/2014 18:31:12	15.63	51.76	34.07	10.18	7.96	7.8	1.849	126.0	2.9	2.9	0.7
710	10/10/2014 18:46:12	15.84	51.65	33.99	10.16	7.96	7.5	1.690	126.2	3.3	3.3	0.8
711	10/10/2014 19:01:11	16.01	51.64	33.99	10.16	7.95	7.4	1.551	126.6	3.4	3.4	0.8
712	10/10/2014 19:16:11	16.10	51.62	33.97	10.08	7.94	7.4	1.439	125.8	3.8	3.8	0.9
713	10/10/2014 19:31:11	16.31	51.65	34.00	10.04	7.94	7.8	1.326	125.9	3.5	3.5	0.8
714	10/10/2014 19:46:12	16.42	51.66	34.01	9.99	7.93	7.3	1.237	125.5	3.8	3.8	0.9
715	10/10/2014 20:01:12	16.44	51.64	34.00	9.97	7.93	6.1	1.182	125.3	3.8	3.8	0.9
716	10/10/2014 20:16:12	16.66	51.63	33.99	9.93	7.92	5.4	1.180	125.3	3.7	3.7	0.9
717	10/10/2014 20:31:12	16.56	51.63	33.99	9.93	7.93	5.2	1.209	125.1	3.9	3.9	0.9
718	10/10/2014 20:46:12	16.54	51.57	33.94	9.96	7.93	5.0	1.275	125.3	3.5	3.5	0.8
719	10/10/2014 21:01:12	16.76	51.62	33.98	10.04	7.93	4.7	1.365	127.0	4.1	4.1	1.0
720	10/10/2014 21:16:11	16.78	51.50	33.89	10.14	7.93	5.2	1.472	128.2	3.9	3.9	0.9
721	10/10/2014 21:31:11	16.67	51.43	33.85	9.93	7.90	6.6	1.568	125.3	4.2	4.2	1.0
722	10/10/2014 21:46:11	16.64	51.44	33.85	9.67	7.88	7.8	1.658	121.9	4.3	4.3	1.0
723	10/10/2014 22:01:12	16.55	51.48	33.88	9.78	7.90	7.4	1.753	123.1	3.5	3.5	0.8
724	10/10/2014 22:16:12	16.45	51.50	33.89	9.79	7.90	6.6	1.866	123.0	3.8	3.8	0.9
725	10/10/2014 22:31:12	16.40	51.53	33.91	9.80	7.90	6.3	1.978	123.0	3.9	3.9	0.9
726	10/10/2014 22:46:12	16.40	51.51	33.90	9.83	7.91	6.1	2.075	123.4	3.3	3.3	0.8
727	10/10/2014 23:01:11	16.24	51.60	33.96	9.92	7.92	5.8	2.168	124.2	3.2	3.2	0.8
728	10/10/2014 23:16:12	16.13	51.65	34.00	9.84	7.92	5.7	2.290	122.9	3.7	3.7	0.9
729	10/10/2014 23:31:12	16.05	51.54	33.91	9.78	7.92	6.1	2.393	121.9	3.7	3.7	0.9
730	10/10/2014 23:46:11	15.95	51.61	33.96	9.76	7.92	6.6	2.490	121.5	3.3	3.3	0.8
731	10/11/2014 0:01:11	15.75	51.59	33.95	9.86	7.92	7.1	2.603	122.3	3.1	3.1	0.7
732	10/11/2014 0:16:11	15.64	51.62	33.96	9.87	7.92	8.1	2.716	122.0	3.7	3.7	0.9
733	10/11/2014 0:31:11	15.55	51.66	33.99	9.84	7.93	9.1	2.793	121.6	3.4	3.4	0.8
734	10/11/2014 0:46:11	15.27	51.55	33.90	9.91	7.93	10.8	2.901	121.6	3.3	3.3	0.8
735	10/11/2014 1:01:12	15.04	51.75	34.05	9.93	7.94	10.7	3.001	121.4	3.5	3.5	0.8
736	10/11/2014 1:16:12	14.45	51.79	34.06	9.91	7.94	10.3	3.081	119.8	3.3	3.3	0.8
737	10/11/2014 1:31:11	14.20	51.79	34.05	9.94	7.95	10.4	3.180	119.5	3.3	3.3	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
738	10/11/2014 1:46:11	13.99	51.95	34.16	9.95	7.95	10.4	3.267	119.3	3.3	3.3	0.8
739	10/11/2014 2:01:11	13.82	51.83	34.07	9.98	7.95	8.9	3.338	119.1	3.3	3.3	0.8
740	10/11/2014 2:16:11	13.68	51.94	34.14	9.96	7.95	8.2	3.409	118.6	2.9	2.9	0.7
741	10/11/2014 2:31:11	13.54	51.90	34.11	9.96	7.95	6.2	3.478	118.3	3.0	3.0	0.7
742	10/11/2014 2:46:11	13.51	51.92	34.12	10.05	7.95	4.7	3.511	119.3	2.7	2.7	0.6
743	10/11/2014 3:01:11	13.75	51.74	34.00	9.91	7.94	5.0	3.516	118.0	2.6	2.6	0.6
744	10/11/2014 3:16:12	13.52	51.91	34.11	9.87	7.95	4.4	3.536	117.1	2.3	2.3	0.5
745	10/11/2014 3:31:12	13.39	51.91	34.11	9.93	7.95	4.4	3.510	117.6	2.4	2.4	0.6
746	10/11/2014 3:46:11	13.59	51.91	34.12	9.87	7.95	6.4	3.430	117.3	2.3	2.3	0.5
747	10/11/2014 4:01:11	13.91	51.91	34.13	9.83	7.94	8.4	3.360	117.5	2.4	2.4	0.6
748	10/11/2014 4:16:12	13.93	51.90	34.12	9.88	7.94	7.6	3.290	118.2	2.6	2.6	0.6
749	10/11/2014 4:31:12	14.10	51.92	34.15	9.81	7.94	7.6	3.192	117.8	2.8	2.8	0.7
750	10/11/2014 4:46:12	14.46	51.79	34.06	9.70	7.93	7.8	3.085	117.2	3.1	3.1	0.7
751	10/11/2014 5:01:12	14.79	51.78	34.06	9.57	7.91	7.6	2.997	116.5	2.8	2.8	0.7
752	10/11/2014 5:16:12	14.94	51.77	34.06	9.54	7.91	7.0	2.899	116.4	2.7	2.7	0.6
753	10/11/2014 5:31:12	15.11	51.76	34.06	9.46	7.90	5.9	2.802	115.8	2.9	2.9	0.7
754	10/11/2014 5:46:12	15.38	51.72	34.03	9.30	7.88	6.5	2.712	114.5	2.4	2.4	0.6
755	10/11/2014 6:01:12	15.40	51.67	34.00	9.30	7.89	6.1	2.643	114.5	2.5	2.5	0.6
756	10/11/2014 6:16:12	15.50	51.62	33.96	9.32	7.88	6.3	2.535	114.9	2.7	2.7	0.6
757	10/11/2014 6:31:11	15.62	51.63	33.97	9.30	7.88	7.0	2.458	115.0	2.7	2.7	0.6
758	10/11/2014 6:46:12	15.44	51.71	34.02	9.53	7.89	6.7	2.387	117.5	2.7	2.7	0.6
759	10/11/2014 7:01:12	15.34	51.73	34.04	9.58	7.88	6.2	2.294	117.8	2.5	2.5	0.6
760	10/11/2014 7:16:11	15.49	51.69	34.01	9.61	7.88	5.7	2.220	118.5	3.0	3.0	0.7
761	10/11/2014 7:31:11	15.33	51.60	33.94	9.70	7.88	5.4	2.154	119.3	2.3	2.3	0.5
762	10/11/2014 7:46:12	15.52	51.73	34.04	9.66	7.87	5.1	2.119	119.3	2.1	2.1	0.5
763	10/11/2014 8:01:12	15.63	51.63	33.97	9.68	7.87	4.5	2.078	119.7	2.2	2.2	0.5
764	10/11/2014 8:16:12	15.87	51.61	33.96	9.63	7.86	4.2	2.063	119.7	2.5	2.5	0.6
765	10/11/2014 8:31:12	15.97	51.62	33.97	9.44	7.85	3.7	2.084	117.5	2.7	2.7	0.6
766	10/11/2014 8:46:12	15.99	51.56	33.92	9.57	7.85	4.1	2.104	119.2	2.6	2.6	0.6
767	10/11/2014 9:01:12	15.92	51.57	33.93	9.66	7.86	4.2	2.148	120.1	2.6	2.6	0.6
768	10/11/2014 9:16:12	15.96	51.67	34.01	9.63	7.86	4.9	2.219	119.9	2.8	2.8	0.6
769	10/11/2014 9:31:12	15.89	51.66	34.00	9.70	7.87	5.1	2.300	120.5	2.6	2.6	0.6
770	10/11/2014 9:46:12	15.86	51.56	33.92	9.58	7.85	7.6	2.374	119.0	3.0	3.0	0.7
771	10/11/2014 10:01:11	15.72	51.62	33.96	9.66	7.86	7.5	2.471	119.7	2.3	2.3	0.5
772	10/11/2014 10:16:12	15.62	51.64	33.98	9.67	7.87	6.1	2.576	119.6	2.3	2.3	0.6
773	10/11/2014 10:31:12	15.48	51.67	34.00	9.71	7.88	6.2	2.658	119.7	2.3	2.3	0.5
774	10/11/2014 10:46:11	15.18	51.74	34.04	9.86	7.89	6.1	2.743	120.9	2.0	2.0	0.5
775	10/11/2014 11:01:12	15.02	51.80	34.08	9.91	7.90	5.9	2.833	121.2	2.3	2.3	0.5
776	10/11/2014 11:16:12	14.98	51.77	34.06	9.93	7.90	6.6	2.942	121.2	2.0	2.0	0.5
777	10/11/2014 11:31:12	14.79	51.75	34.04	9.98	7.91	7.2	3.025	121.5	2.7	2.7	0.6
778	10/11/2014 11:46:12	14.56	51.80	34.07	10.04	7.92	7.4	3.132	121.7	2.2	2.2	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
779	10/11/2014 12:01:12	14.43	51.86	34.11	10.08	7.92	8.1	3.200	121.8	2.0	2.0	0.5
780	10/11/2014 12:16:12	14.21	51.85	34.10	10.13	7.93	9.4	3.304	121.8	3.0	3.0	0.7
781	10/11/2014 12:31:11	13.92	51.87	34.10	10.22	7.93	8.8	3.409	122.2	3.2	3.2	0.8
782	10/11/2014 12:46:12	13.51	51.95	34.15	10.36	7.94	8.7	3.515	122.9	2.5	2.5	0.6
783	10/11/2014 13:01:12	13.26	51.94	34.13	10.37	7.95	7.8	3.583	122.4	2.6	2.6	0.6
784	10/11/2014 13:16:12	13.00	51.99	34.16	10.33	7.95	9.0	3.666	121.3	2.4	2.4	0.6
785	10/11/2014 13:31:11	12.81	52.11	34.24	10.30	7.95	5.9	3.744	120.5	2.4	2.4	0.6
786	10/11/2014 13:46:11	12.72	52.07	34.20	10.24	7.94	4.7	3.806	119.6	2.6	2.6	0.6
787	10/11/2014 14:01:12	12.64	52.13	34.24	10.12	7.94	3.7	3.851	118.0	2.1	2.1	0.5
788	10/11/2014 14:16:11	12.61	52.03	34.16	10.08	7.94	3.1	3.915	117.4	2.1	2.1	0.5
789	10/11/2014 14:31:11	12.93	51.95	34.12	10.05	7.94	3.2	3.945	117.8	1.9	1.9	0.5
790	10/11/2014 14:46:12	12.82	52.07	34.21	10.10	7.94	3.5	3.858	118.2	1.9	1.9	0.4
791	10/11/2014 15:01:11	12.71	52.08	34.21	10.09	7.94	3.2	3.880	117.8	1.7	1.7	0.4
792	10/11/2014 15:16:11	12.78	52.00	34.15	10.09	7.94	3.9	3.819	118.0	1.8	1.8	0.4
793	10/11/2014 15:31:12	13.43	52.05	34.21	10.34	7.95	6.8	3.725	122.5	2.1	2.1	0.5
794	10/11/2014 15:46:11	13.59	51.88	34.10	10.33	7.95	5.2	3.635	122.7	2.6	2.6	0.6
795	10/11/2014 16:01:12	13.59	52.03	34.21	10.43	7.96	5.3	3.553	124.0	2.2	2.2	0.5
796	10/11/2014 16:16:12	14.35	51.88	34.12	10.50	7.96	6.4	3.463	126.7	2.5	2.5	0.6
797	10/11/2014 16:31:12	14.33	51.92	34.15	10.51	7.96	6.5	3.303	126.8	2.4	2.4	0.6
798	10/11/2014 16:46:11	14.35	51.85	34.10	10.55	7.96	7.3	3.187	127.3	2.5	2.5	0.6
799	10/11/2014 17:01:11	14.60	51.82	34.08	10.56	7.96	6.6	3.074	128.0	2.7	2.7	0.6
800	10/11/2014 17:16:11	14.89	51.70	34.01	10.60	7.96	6.4	2.943	129.2	2.7	2.7	0.6
801	10/11/2014 17:31:12	15.00	51.80	34.08	10.57	7.96	6.6	2.819	129.2	2.6	2.6	0.6
802	10/11/2014 17:46:12	15.43	51.74	34.05	10.70	7.96	7.4	2.689	131.8	2.6	2.6	0.6
803	10/11/2014 18:01:12	14.90	51.76	34.05	10.70	7.96	7.4	2.567	130.5	3.0	3.0	0.7
804	10/11/2014 18:16:12	14.98	51.78	34.07	10.69	7.96	8.6	2.447	130.5	3.0	3.0	0.7
805	10/11/2014 18:31:11	14.95	51.76	34.05	10.67	7.96	9.5	2.312	130.2	2.6	2.6	0.6
806	10/11/2014 18:46:11	15.29	51.74	34.05	10.60	7.95	10.8	2.212	130.3	3.3	3.3	0.8
807	10/11/2014 19:01:11	15.61	51.76	34.07	10.66	7.95	12.6	2.050	131.9	3.9	3.9	0.9
808	10/11/2014 19:16:11	15.54	51.69	34.01	10.63	7.95	14.2	1.922	131.3	3.7	3.7	0.9
809	10/11/2014 19:31:11	15.58	51.76	34.07	10.70	7.95	13.1	1.767	132.3	3.5	3.5	0.8
810	10/11/2014 19:46:11	15.76	51.77	34.08	10.68	7.95	12.5	1.633	132.5	3.3	3.3	0.8
811	10/11/2014 20:01:12	16.02	51.64	33.99	10.69	7.95	12.2	1.528	133.2	3.8	3.8	0.9
812	10/11/2014 20:16:11	16.18	51.73	34.06	10.73	7.95	10.5	1.469	134.2	3.9	3.9	0.9
813	10/11/2014 20:31:11	16.23	51.63	33.98	10.72	7.94	8.7	1.400	134.1	3.9	3.9	0.9
814	10/11/2014 20:46:11	16.38	51.67	34.02	10.73	7.94	7.9	1.290	134.7	3.9	3.9	0.9
815	10/11/2014 21:01:12	16.44	51.69	34.03	10.68	7.94	7.5	1.278	134.2	3.4	3.4	0.8
816	10/11/2014 21:16:12	16.25	51.77	34.08	10.59	7.94	7.0	1.309	132.7	3.8	3.8	0.9
817	10/11/2014 21:31:11	16.59	51.62	33.98	10.68	7.95	6.2	1.294	134.6	3.7	3.7	0.9
818	10/11/2014 21:46:12	16.67	51.70	34.04	10.88	7.96	6.5	1.434	137.4	4.0	4.0	0.9
819	10/11/2014 22:01:11	16.80	51.66	34.01	11.11	7.97	7.4	1.516	140.5	3.5	3.5	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
820	10/11/2014 22:16:11	16.74	51.59	33.96	11.09	7.97	7.3	1.598	140.1	4.1	4.1	1.0
821	10/11/2014 22:31:12	16.72	51.56	33.94	10.55	7.91	9.0	1.667	133.3	4.2	4.2	1.0
822	10/11/2014 22:46:12	16.75	51.42	33.84	10.33	7.89	9.6	1.832	130.5	4.2	4.2	1.0
823	10/11/2014 23:01:11	16.57	51.49	33.89	10.62	7.92	9.8	1.908	133.7	3.5	3.5	0.8
824	10/11/2014 23:16:11	16.48	51.60	33.97	10.60	7.92	7.8	1.996	133.3	3.7	3.7	0.9
825	10/11/2014 23:31:11	16.40	51.59	33.96	10.60	7.92	7.2	2.050	133.0	3.7	3.7	0.9
826	10/11/2014 23:46:12	16.31	51.62	33.98	10.58	7.93	8.0	2.174	132.6	3.2	3.2	0.8
827	10/12/2014 0:01:12	16.17	51.65	34.00	10.50	7.93	7.5	2.281	131.2	3.8	3.8	0.9
828	10/12/2014 0:16:12	16.07	51.72	34.05	10.39	7.92	7.0	2.371	129.7	3.7	3.7	0.9
829	10/12/2014 0:31:12	15.99	51.70	34.03	10.30	7.92	7.0	2.491	128.4	2.8	2.8	0.7
830	10/12/2014 0:46:12	15.77	51.73	34.05	10.24	7.92	8.1	2.570	127.1	3.4	3.4	0.8
831	10/12/2014 1:01:12	15.61	51.64	33.98	10.23	7.92	9.0	2.667	126.4	3.1	3.1	0.7
832	10/12/2014 1:16:12	15.50	51.81	34.10	10.21	7.92	8.9	2.757	126.0	3.8	3.8	0.9
833	10/12/2014 1:31:12	15.39	51.78	34.08	10.20	7.92	9.1	2.811	125.7	3.1	3.1	0.7
834	10/12/2014 1:46:12	15.13	51.75	34.05	10.22	7.92	10.9	2.929	125.2	2.9	2.9	0.7
835	10/12/2014 2:01:11	14.87	51.75	34.04	10.27	7.92	11.5	2.988	125.1	3.4	3.4	0.8
836	10/12/2014 2:16:11	14.50	51.84	34.09	10.31	7.93	10.9	3.111	124.7	3.5	3.5	0.8
837	10/12/2014 2:31:12	14.05	52.00	34.20	10.46	7.93	10.5	3.173	125.5	2.8	2.8	0.6
838	10/12/2014 2:46:12	13.67	51.96	34.16	10.86	7.94	9.6	3.241	129.2	3.0	3.0	0.7
839	10/12/2014 3:01:12	13.47	52.01	34.19	10.97	7.94	8.3	3.296	130.0	3.3	3.3	0.8
840	10/12/2014 3:16:12	13.33	52.03	34.20	10.99	7.94	5.6	3.338	129.9	2.8	2.8	0.7
841	10/12/2014 3:31:12	13.24	52.05	34.21	11.03	7.94	5.1	3.389	130.2	3.0	3.0	0.7
842	10/12/2014 3:46:12	13.14	51.99	34.16	11.03	7.94	4.0	3.382	129.8	3.1	3.1	0.7
843	10/12/2014 4:01:12	13.50	52.04	34.21	10.80	7.94	4.3	3.389	128.2	2.4	2.4	0.6
844	10/12/2014 4:16:12	13.13	51.90	34.09	11.04	7.94	4.7	3.386	129.9	2.5	2.5	0.6
845	10/12/2014 4:31:12	13.19	52.08	34.22	11.00	7.94	5.0	3.372	129.7	2.1	2.1	0.5
846	10/12/2014 4:46:12	13.38	51.96	34.15	10.91	7.94	6.2	3.316	129.2	2.5	2.5	0.6
847	10/12/2014 5:01:12	14.31	51.84	34.09	10.33	7.92	8.7	3.234	124.5	2.7	2.7	0.6
848	10/12/2014 5:16:12	13.89	51.91	34.13	10.63	7.92	6.5	3.165	127.1	2.6	2.6	0.6
849	10/12/2014 5:31:11	13.77	51.89	34.11	10.67	7.93	7.2	3.100	127.3	2.7	2.7	0.6
850	10/12/2014 5:46:11	14.44	51.86	34.11	10.23	7.91	8.4	3.010	123.7	2.9	2.9	0.7
851	10/12/2014 6:01:12	14.71	51.83	34.09	10.04	7.90	6.7	2.908	122.0	2.7	2.7	0.6
852	10/12/2014 6:16:11	14.87	51.77	34.05	9.95	7.89	6.4	2.841	121.3	2.2	2.2	0.5
853	10/12/2014 6:31:12	15.00	51.81	34.09	9.83	7.89	6.1	2.790	120.1	2.9	2.9	0.7
854	10/12/2014 6:46:12	15.21	51.78	34.07	9.69	7.88	5.7	2.714	119.0	2.4	2.4	0.6
855	10/12/2014 7:01:11	15.31	51.72	34.03	9.66	7.88	5.6	2.635	118.8	2.8	2.8	0.7
856	10/12/2014 7:16:11	15.39	51.69	34.01	9.51	7.86	5.3	2.574	117.0	2.9	2.9	0.7
857	10/12/2014 7:31:11	15.42	51.61	33.96	9.61	7.87	6.1	2.515	118.3	1.9	1.9	0.4
858	10/12/2014 7:46:11	15.42	51.78	34.08	9.62	7.87	5.7	2.422	118.6	2.3	2.3	0.5
859	10/12/2014 8:01:12	15.39	51.77	34.07	9.69	7.88	5.5	2.374	119.3	2.6	2.6	0.6
860	10/12/2014 8:16:12	15.36	51.82	34.11	9.73	7.88	5.1	2.307	119.8	2.4	2.4	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
861	10/12/2014 8:31:12	15.35	51.78	34.07	9.75	7.88	5.2	2.305	120.0	2.0	2.0	0.5
862	10/12/2014 8:46:12	15.49	51.77	34.07	9.79	7.88	4.7	2.259	120.8	2.4	2.4	0.6
863	10/12/2014 9:01:11	15.48	51.62	33.96	9.78	7.88	4.7	2.232	120.6	2.7	2.7	0.6
864	10/12/2014 9:16:12	15.63	51.74	34.05	9.67	7.88	3.6	2.227	119.6	2.3	2.3	0.5
865	10/12/2014 9:31:12	15.65	51.72	34.04	9.80	7.89	4.0	2.259	121.4	2.9	2.9	0.7
866	10/12/2014 9:46:12	15.68	51.78	34.08	9.79	7.89	4.1	2.238	121.2	2.7	2.7	0.6
867	10/12/2014 10:01:12	15.71	51.76	34.07	9.86	7.89	4.0	2.350	122.2	2.7	2.7	0.6
868	10/12/2014 10:16:12	15.71	51.77	34.07	9.90	7.89	4.9	2.438	122.7	2.8	2.8	0.7
869	10/12/2014 10:31:12	15.62	51.64	33.98	9.86	7.89	5.9	2.475	121.9	2.4	2.4	0.6
870	10/12/2014 10:46:12	15.53	51.79	34.09	9.87	7.89	6.2	2.544	121.9	2.6	2.6	0.6
871	10/12/2014 11:01:12	15.40	51.78	34.08	9.86	7.89	6.1	2.617	121.5	2.8	2.8	0.6
872	10/12/2014 11:16:12	15.31	51.77	34.07	9.89	7.89	5.3	2.717	121.6	2.6	2.6	0.6
873	10/12/2014 11:31:12	15.06	51.81	34.09	9.93	7.90	5.9	2.761	121.5	2.5	2.5	0.6
874	10/12/2014 11:46:12	14.88	51.76	34.05	10.17	7.91	5.9	2.862	124.0	2.5	2.5	0.6
875	10/12/2014 12:01:12	14.68	51.88	34.13	10.25	7.91	5.4	2.942	124.5	2.5	2.5	0.6
876	10/12/2014 12:16:11	14.60	51.83	34.09	10.34	7.92	6.4	3.019	125.3	2.6	2.6	0.6
877	10/12/2014 12:31:12	14.36	51.95	34.18	10.47	7.92	7.0	3.139	126.4	2.7	2.7	0.6
878	10/12/2014 12:46:12	14.06	51.93	34.15	10.62	7.93	6.3	3.192	127.4	2.1	2.1	0.5
879	10/12/2014 13:01:12	13.90	51.98	34.18	10.72	7.93	7.0	3.282	128.2	2.3	2.3	0.5
880	10/12/2014 13:16:12	13.68	51.98	34.18	10.82	7.93	8.2	3.340	128.9	3.0	3.0	0.7
881	10/12/2014 13:31:11	13.38	52.00	34.18	11.02	7.94	8.3	3.461	130.4	2.5	2.5	0.6
882	10/12/2014 13:46:11	13.08	52.03	34.19	11.22	7.95	8.6	3.542	132.0	2.5	2.5	0.6
883	10/12/2014 14:01:11	12.92	52.17	34.28	11.30	7.96	6.2	3.586	132.5	2.6	2.6	0.6
884	10/12/2014 14:16:12	12.79	52.15	34.26	11.30	7.96	5.6	3.648	132.2	2.4	2.4	0.6
885	10/12/2014 14:31:11	12.73	52.12	34.24	11.38	7.96	4.6	3.690	133.0	2.9	2.9	0.7
886	10/12/2014 14:46:12	12.71	52.16	34.27	11.44	7.96	4.5	3.751	133.6	2.3	2.3	0.5
887	10/12/2014 15:01:11	12.68	52.01	34.15	11.51	7.96	4.1	3.787	134.2	2.0	2.0	0.5
888	10/12/2014 15:16:11	12.92	52.07	34.21	11.38	7.96	4.0	3.753	133.5	2.4	2.4	0.6
889	10/12/2014 15:31:12	12.80	52.04	34.18	11.38	7.95	3.8	3.755	133.1	2.2	2.2	0.5
890	10/12/2014 15:46:11	12.71	51.96	34.12	11.53	7.95	3.9	3.722	134.6	2.1	2.1	0.5
891	10/12/2014 16:01:11	12.83	52.08	34.22	11.36	7.95	4.2	3.637	133.0	1.4	1.4	0.3
892	10/12/2014 16:16:11	13.60	52.08	34.24	11.30	7.96	5.4	3.614	134.5	2.2	2.2	0.5
893	10/12/2014 16:31:11	13.42	52.01	34.18	11.42	7.97	5.0	3.514	135.3	2.3	2.3	0.5
894	10/12/2014 16:46:12	13.97	52.02	34.21	11.25	7.97	5.4	3.431	134.8	2.3	2.3	0.5
895	10/12/2014 17:01:11	14.64	51.82	34.09	11.34	7.97	6.2	3.312	137.6	2.8	2.8	0.7
896	10/12/2014 17:16:12	14.52	51.93	34.16	11.33	7.97	6.4	3.212	137.2	2.7	2.7	0.6
897	10/12/2014 17:31:12	14.63	51.93	34.16	11.33	7.98	5.7	3.108	137.5	2.7	2.7	0.6
898	10/12/2014 17:46:12	14.78	51.85	34.11	11.27	7.98	5.4	3.004	137.1	2.9	2.9	0.7
899	10/12/2014 18:01:12	15.03	51.91	34.16	11.26	7.98	6.3	2.899	137.8	2.6	2.6	0.6
900	10/12/2014 18:16:12	15.26	51.90	34.16	11.24	7.98	5.7	2.776	138.2	2.3	2.3	0.5
901	10/12/2014 18:31:12	15.49	51.85	34.13	11.47	7.99	5.7	2.656	141.6	2.7	2.7	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
902	10/12/2014 18:46:11	15.34	51.88	34.15	11.24	7.97	7.0	2.546	138.4	3.0	3.0	0.7
903	10/12/2014 19:01:12	15.02	51.88	34.14	11.23	7.97	6.2	2.425	137.4	2.6	2.6	0.6
904	10/12/2014 19:16:12	15.21	51.82	34.10	11.11	7.97	7.9	2.311	136.3	2.7	2.7	0.6
905	10/12/2014 19:31:12	15.44	51.81	34.10	11.10	7.97	7.2	2.179	136.8	3.1	3.1	0.7
906	10/12/2014 19:46:11	15.57	51.73	34.04	11.15	7.97	7.2	2.056	137.8	3.2	3.2	0.8
907	10/12/2014 20:01:12	15.48	51.83	34.11	11.14	7.97	7.0	1.942	137.5	3.3	3.3	0.8
908	10/12/2014 20:16:12	15.75	51.75	34.06	11.16	7.98	7.2	1.821	138.5	3.3	3.3	0.8
909	10/12/2014 20:31:12	15.79	51.73	34.05	11.14	7.98	6.3	1.725	138.3	3.2	3.2	0.8
910	10/12/2014 20:46:12	15.86	51.80	34.10	11.12	7.98	7.2	1.603	138.3	3.5	3.5	0.8
911	10/12/2014 21:01:12	16.19	51.71	34.04	11.23	7.98	6.4	1.541	140.4	3.6	3.6	0.8
912	10/12/2014 21:16:11	16.33	51.75	34.07	11.30	7.99	5.6	1.456	141.8	3.5	3.5	0.8
913	10/12/2014 21:31:12	16.59	51.73	34.06	11.50	8.00	5.1	1.429	145.0	3.7	3.7	0.9
914	10/12/2014 21:46:12	16.66	51.74	34.07	11.54	8.00	4.3	1.389	145.8	3.1	3.1	0.7
915	10/12/2014 22:01:11	16.69	51.72	34.05	11.30	8.00	4.0	1.396	142.7	3.1	3.1	0.7
916	10/12/2014 22:16:12	16.70	51.71	34.05	11.65	8.01	3.9	1.458	147.2	3.3	3.3	0.8
917	10/12/2014 22:31:11	16.64	51.69	34.03	11.66	8.01	3.8	1.473	147.1	3.3	3.3	0.8
918	10/12/2014 22:46:11	16.71	51.67	34.02	11.81	8.02	4.0	1.566	149.2	3.2	3.2	0.8
919	10/12/2014 23:01:12	16.65	51.71	34.05	11.75	8.01	4.3	1.617	148.3	3.2	3.2	0.7
920	10/12/2014 23:16:12	16.68	51.60	33.97	11.28	7.97	5.5	1.722	142.4	3.3	3.3	0.8
921	10/12/2014 23:31:12	16.80	51.42	33.84	10.62	7.91	7.5	1.840	134.3	3.5	3.5	0.8
922	10/12/2014 23:46:11	16.69	51.49	33.88	10.94	7.94	6.5	1.873	138.0	3.8	3.8	0.9
923	10/13/2014 0:01:12	16.54	51.59	33.96	11.03	7.95	5.5	1.963	138.8	3.2	3.2	0.8
924	10/13/2014 0:16:12	16.47	51.63	33.99	11.04	7.96	5.4	2.076	138.8	3.2	3.2	0.8
925	10/13/2014 0:31:12	16.36	51.60	33.96	11.06	7.96	5.1	2.163	138.8	3.6	3.6	0.8
926	10/13/2014 0:46:11	16.14	51.66	34.01	10.90	7.95	5.1	2.247	136.2	3.1	3.1	0.7
927	10/13/2014 1:01:12	16.01	51.68	34.01	10.72	7.94	5.4	2.310	133.7	3.5	3.5	0.8
928	10/13/2014 1:16:12	15.92	51.71	34.03	10.70	7.93	5.0	2.413	133.1	2.9	2.9	0.7
929	10/13/2014 1:31:12	15.83	51.69	34.02	10.66	7.93	5.9	2.511	132.3	2.9	2.9	0.7
930	10/13/2014 1:46:11	15.63	51.66	34.00	10.65	7.93	6.1	2.586	131.8	3.0	3.0	0.7
931	10/13/2014 2:01:12	15.41	51.80	34.10	10.65	7.93	6.5	2.660	131.2	3.1	3.1	0.7
932	10/13/2014 2:16:12	15.32	51.79	34.08	10.65	7.93	6.3	2.754	131.0	3.4	3.4	0.8
933	10/13/2014 2:31:11	15.18	51.68	34.00	10.69	7.93	7.2	2.840	131.1	3.6	3.6	0.8
934	10/13/2014 2:46:11	14.93	51.82	34.10	10.75	7.93	7.3	2.891	131.2	2.7	2.7	0.6
935	10/13/2014 3:01:12	14.68	51.76	34.05	10.80	7.93	8.2	2.997	131.1	2.7	2.7	0.6
936	10/13/2014 3:16:12	14.33	51.88	34.12	10.92	7.94	7.6	3.056	131.7	2.8	2.8	0.7
937	10/13/2014 3:31:11	13.99	51.75	34.01	11.10	7.94	7.8	3.119	132.8	2.6	2.6	0.6
938	10/13/2014 3:46:12	13.78	51.96	34.16	11.17	7.94	7.2	3.187	133.3	2.7	2.7	0.6
939	10/13/2014 4:01:12	13.68	51.95	34.15	11.20	7.94	6.8	3.245	133.4	2.5	2.5	0.6
940	10/13/2014 4:16:11	13.56	51.93	34.13	11.24	7.95	6.0	3.270	133.5	2.6	2.6	0.6
941	10/13/2014 4:31:12	13.56	51.88	34.09	11.21	7.94	5.1	3.331	133.0	2.9	2.9	0.7
942	10/13/2014 4:46:11	13.72	51.72	33.98	11.03	7.94	5.3	3.344	131.3	2.7	2.7	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
943	10/13/2014 5:01:11	13.67	51.84	34.07	11.00	7.94	5.1	3.328	130.9	2.2	2.2	0.5
944	10/13/2014 5:16:11	13.41	51.92	34.12	11.14	7.94	4.6	3.302	131.9	2.3	2.3	0.5
945	10/13/2014 5:31:12	13.52	51.96	34.15	11.14	7.94	5.0	3.288	132.2	1.9	1.9	0.4
946	10/13/2014 5:46:12	13.67	51.92	34.13	10.99	7.94	5.3	3.215	130.8	2.5	2.5	0.6
947	10/13/2014 6:01:12	14.35	51.77	34.04	10.58	7.92	7.6	3.162	127.6	3.0	3.0	0.7
948	10/13/2014 6:16:12	13.90	51.96	34.16	10.86	7.93	7.3	3.096	129.9	2.7	2.7	0.6
949	10/13/2014 6:31:12	13.85	51.91	34.12	10.91	7.93	6.4	3.031	130.4	2.4	2.4	0.6
950	10/13/2014 6:46:12	14.28	51.83	34.08	10.67	7.92	6.1	2.978	128.5	2.8	2.8	0.7
951	10/13/2014 7:01:12	14.56	51.79	34.06	10.44	7.92	6.0	2.920	126.4	2.7	2.7	0.6
952	10/13/2014 7:16:12	14.72	51.80	34.08	10.34	7.91	5.3	2.831	125.6	2.6	2.6	0.6
953	10/13/2014 7:31:12	14.83	51.80	34.08	10.20	7.90	5.0	2.767	124.3	2.5	2.5	0.6
954	10/13/2014 7:46:12	14.98	51.79	34.07	10.13	7.90	4.5	2.709	123.8	2.5	2.5	0.6
955	10/13/2014 8:01:12	15.08	51.72	34.02	10.07	7.89	4.6	2.649	123.2	2.1	2.1	0.5
956	10/13/2014 8:16:12	15.13	51.75	34.05	9.97	7.89	4.5	2.596	122.2	2.3	2.3	0.5
957	10/13/2014 8:31:12	15.21	51.71	34.02	9.88	7.89	4.7	2.544	121.2	2.5	2.5	0.6
958	10/13/2014 8:46:11	15.28	51.74	34.04	10.04	7.89	4.1	2.514	123.4	2.2	2.2	0.5
959	10/13/2014 9:01:12	15.37	51.78	34.08	10.03	7.90	4.3	2.455	123.5	2.1	2.1	0.5
960	10/13/2014 9:16:12	15.28	51.80	34.09	10.03	7.89	3.9	2.424	123.3	2.2	2.2	0.5
961	10/13/2014 9:31:12	15.31	51.75	34.05	10.14	7.90	4.2	2.399	124.7	2.4	2.4	0.6
962	10/13/2014 9:46:12	15.51	51.59	33.94	10.07	7.90	3.7	2.384	124.3	2.3	2.3	0.5
963	10/13/2014 10:01:12	15.50	51.74	34.05	10.02	7.90	3.7	2.371	123.6	2.5	2.5	0.6
964	10/13/2014 10:16:12	15.50	51.78	34.08	10.18	7.90	3.6	2.389	125.6	2.5	2.5	0.6
965	10/13/2014 10:31:12	15.49	51.60	33.95	10.24	7.91	3.9	2.401	126.3	2.7	2.7	0.6
966	10/13/2014 10:46:12	15.51	51.73	34.05	10.32	7.91	3.9	2.440	127.3	3.0	3.0	0.7
967	10/13/2014 11:01:12	15.50	51.78	34.08	10.37	7.91	3.9	2.487	128.0	3.3	3.3	0.8
968	10/13/2014 11:16:11	15.44	51.59	33.94	10.37	7.91	4.0	2.541	127.8	2.9	2.9	0.7
969	10/13/2014 11:31:12	15.40	51.76	34.06	10.34	7.91	4.5	2.598	127.4	2.6	2.6	0.6
970	10/13/2014 11:46:12	15.28	51.73	34.04	10.36	7.91	4.4	2.666	127.3	2.9	2.9	0.7
971	10/13/2014 12:01:12	15.13	51.77	34.06	10.40	7.91	4.5	2.738	127.5	3.3	3.3	0.8
972	10/13/2014 12:16:11	14.88	51.75	34.04	10.48	7.91	5.4	2.809	127.7	2.7	2.7	0.6
973	10/13/2014 12:31:11	14.57	51.84	34.10	10.66	7.92	5.4	2.879	129.2	2.7	2.7	0.6
974	10/13/2014 12:46:11	14.43	51.85	34.10	10.82	7.92	4.9	2.950	130.8	2.0	2.0	0.5
975	10/13/2014 13:01:12	14.37	51.89	34.13	10.84	7.93	4.3	3.023	130.9	2.1	2.1	0.5
976	10/13/2014 13:16:12	14.30	51.83	34.08	10.91	7.93	5.0	3.103	131.4	2.4	2.4	0.6
977	10/13/2014 13:31:12	14.14	51.91	34.14	10.99	7.93	5.6	3.167	132.1	2.9	2.9	0.7
978	10/13/2014 13:46:12	13.97	51.96	34.17	11.08	7.94	5.1	3.236	132.7	2.4	2.4	0.6
979	10/13/2014 14:01:12	13.69	51.89	34.11	11.20	7.94	5.9	3.313	133.3	2.6	2.6	0.6
980	10/13/2014 14:16:12	13.58	51.93	34.14	11.24	7.94	5.6	3.380	133.5	2.7	2.7	0.6
981	10/13/2014 14:31:12	13.45	51.93	34.13	11.28	7.94	5.3	3.451	133.6	2.9	2.9	0.7
982	10/13/2014 14:46:12	13.25	52.04	34.20	11.33	7.95	4.7	3.505	133.8	2.2	2.2	0.5
983	10/13/2014 15:01:11	13.13	51.94	34.12	11.39	7.95	4.8	3.559	134.1	2.4	2.4	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
984	10/13/2014 15:16:11	13.03	52.01	34.17	11.42	7.95	4.0	3.610	134.3	1.7	1.7	0.4
985	10/13/2014 15:31:12	13.01	52.09	34.22	11.36	7.95	4.1	3.634	133.5	2.5	2.5	0.6
986	10/13/2014 15:46:12	13.00	52.06	34.20	11.25	7.95	3.2	3.651	132.2	2.0	2.0	0.5
987	10/13/2014 16:01:12	13.26	52.06	34.22	11.19	7.95	3.7	3.644	132.1	1.8	1.8	0.4
988	10/13/2014 16:16:12	13.05	52.03	34.19	11.26	7.95	3.4	3.644	132.3	1.8	1.8	0.4
989	10/13/2014 16:31:11	13.05	51.80	34.02	11.35	7.95	3.6	3.597	133.3	1.9	1.9	0.5
990	10/13/2014 16:46:12	13.38	52.01	34.19	11.20	7.95	4.4	3.536	132.5	2.0	2.0	0.5
991	10/13/2014 17:01:12	14.16	51.76	34.03	11.25	7.95	4.6	3.486	135.2	2.0	2.0	0.5
992	10/13/2014 17:16:12	13.86	51.92	34.13	11.55	7.96	4.5	3.414	138.0	2.5	2.5	0.6
993	10/13/2014 17:31:12	14.05	51.96	34.17	11.50	7.96	4.4	3.318	138.0	2.9	2.9	0.7
994	10/13/2014 17:46:12	14.74	51.95	34.18	11.49	7.97	5.0	3.242	139.8	3.0	3.0	0.7
995	10/13/2014 18:01:12	14.67	51.87	34.12	11.52	7.97	4.5	3.161	139.9	2.8	2.8	0.7
996	10/13/2014 18:16:12	14.70	51.95	34.18	11.53	7.97	4.4	3.060	140.2	2.4	2.4	0.6
997	10/13/2014 18:31:12	14.77	51.87	34.13	11.53	7.98	4.0	2.964	140.3	2.6	2.6	0.6
998	10/13/2014 18:46:11	14.96	51.80	34.08	11.54	7.98	4.5	2.863	140.9	2.5	2.5	0.6
999	10/13/2014 19:01:12	15.21	51.80	34.08	11.52	7.98	4.6	2.777	141.4	2.9	2.9	0.7
1000	10/13/2014 19:16:12	15.38	51.79	34.08	11.59	7.98	4.8	2.675	142.7	3.2	3.2	0.7
1001	10/13/2014 19:31:12	15.39	51.85	34.13	11.54	7.98	4.7	2.570	142.2	2.9	2.9	0.7
1002	10/13/2014 19:46:12	15.05	51.85	34.12	11.40	7.97	5.3	2.469	139.5	2.7	2.7	0.6
1003	10/13/2014 20:01:11	14.77	51.84	34.10	11.44	7.96	5.4	2.369	139.1	3.0	3.0	0.7
1004	10/13/2014 20:16:11	15.06	51.86	34.13	11.33	7.96	5.6	2.267	138.7	3.0	3.0	0.7
1005	10/13/2014 20:31:12	15.36	51.83	34.12	11.36	7.97	5.9	2.152	139.9	2.5	2.5	0.6
1006	10/13/2014 20:46:12	15.39	51.79	34.08	11.33	7.97	5.8	2.043	139.5	3.7	3.7	0.9
1007	10/13/2014 21:01:12	15.40	51.86	34.13	11.21	7.97	5.7	1.946	138.1	3.4	3.4	0.8
1008	10/13/2014 21:16:12	15.40	51.65	33.98	11.25	7.97	5.6	1.849	138.6	2.5	2.5	0.6
1009	10/13/2014 21:31:12	15.68	51.78	34.08	11.28	7.98	5.6	1.764	139.8	3.1	3.1	0.7
1010	10/13/2014 21:46:12	15.82	51.77	34.08	11.41	7.99	5.0	1.685	141.7	3.6	3.6	0.8
1011	10/13/2014 22:01:11	15.91	51.73	34.05	11.37	7.99	4.7	1.615	141.4	3.3	3.3	0.8
1012	10/13/2014 22:16:12	16.16	51.70	34.03	11.57	8.00	4.3	1.570	144.6	3.2	3.2	0.7
1013	10/13/2014 22:31:12	16.30	51.54	33.91	11.68	8.00	3.7	1.567	146.3	3.7	3.7	0.9
1014	10/13/2014 22:46:12	16.34	51.66	34.01	11.54	8.00	3.1	1.549	144.8	3.6	3.6	0.8
1015	10/13/2014 23:01:12	16.41	51.69	34.03	11.79	8.01	3.2	1.568	148.1	4.0	4.0	0.9
1016	10/13/2014 23:16:11	16.41	51.64	33.99	11.88	8.02	3.2	1.614	149.2	3.4	3.4	0.8
1017	10/13/2014 23:31:12	16.37	51.69	34.03	11.80	8.02	3.2	1.659	148.1	3.1	3.1	0.7
1018	10/13/2014 23:46:12	16.38	51.72	34.06	11.86	8.02	3.2	1.723	148.9	3.3	3.3	0.8
1019	10/14/2014 0:01:12	16.30	51.72	34.05	11.76	8.01	3.3	1.797	147.5	3.2	3.2	0.8
1020	10/14/2014 0:16:12	16.43	51.55	33.93	10.99	7.95	6.0	1.866	138.0	3.7	3.7	0.9
1021	10/14/2014 0:31:12	16.46	51.53	33.91	10.79	7.93	6.3	1.943	135.5	3.6	3.6	0.9
1022	10/14/2014 0:46:12	16.31	51.56	33.93	11.09	7.96	5.0	2.018	139.0	3.1	3.1	0.7
1023	10/14/2014 1:01:11	16.24	51.65	34.00	11.16	7.96	4.8	2.099	139.7	3.4	3.4	0.8
1024	10/14/2014 1:16:12	16.19	51.69	34.03	11.18	7.97	4.7	2.172	139.9	3.7	3.7	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
1025	10/14/2014 1:31:12	16.09	51.63	33.98	11.17	7.97	4.3	2.245	139.4	3.2	3.2	0.8
1026	10/14/2014 1:46:12	15.84	51.68	34.01	10.99	7.95	4.4	2.319	136.6	3.1	3.1	0.7
1027	10/14/2014 2:01:12	15.70	51.78	34.08	10.82	7.94	4.5	2.399	134.1	3.4	3.4	0.8
1028	10/14/2014 2:16:12	15.64	51.66	33.99	10.76	7.93	4.7	2.484	133.1	3.4	3.4	0.8
1029	10/14/2014 2:31:12	15.56	51.79	34.09	10.72	7.93	4.9	2.546	132.5	2.7	2.7	0.6
1030	10/14/2014 2:46:12	15.37	51.78	34.08	10.75	7.93	5.1	2.636	132.4	2.8	2.8	0.7
1031	10/14/2014 3:01:12	15.20	51.71	34.02	10.87	7.93	5.4	2.709	133.3	3.0	3.0	0.7
1032	10/14/2014 3:16:12	15.12	51.82	34.10	10.84	7.93	4.8	2.771	132.8	3.2	3.2	0.8
1033	10/14/2014 3:31:12	15.00	51.78	34.07	10.84	7.93	5.6	2.859	132.5	3.2	3.2	0.8
1034	10/14/2014 3:46:12	14.83	51.79	34.07	10.88	7.93	5.3	2.912	132.5	3.2	3.2	0.8
1035	10/14/2014 4:01:12	14.64	51.74	34.03	10.91	7.93	6.0	2.986	132.3	3.2	3.2	0.8
1036	10/14/2014 4:16:12	14.38	51.85	34.10	10.98	7.94	6.7	3.050	132.5	2.8	2.8	0.7
1037	10/14/2014 4:31:12	14.23	51.88	34.12	11.00	7.94	6.1	3.111	132.4	2.7	2.7	0.6
1038	10/14/2014 4:46:12	14.00	51.75	34.01	11.05	7.94	5.6	3.176	132.3	2.6	2.6	0.6
1039	10/14/2014 5:01:11	13.79	51.91	34.12	11.07	7.94	4.7	3.221	132.1	2.9	2.9	0.7
1040	10/14/2014 5:16:12	13.67	51.92	34.13	11.06	7.94	4.8	3.268	131.7	2.6	2.6	0.6
1041	10/14/2014 5:31:12	13.59	51.96	34.16	11.03	7.94	4.2	3.294	131.1	2.7	2.7	0.6
1042	10/14/2014 5:46:12	13.56	51.83	34.06	10.94	7.93	3.6	3.309	129.8	2.5	2.5	0.6
1043	10/14/2014 6:01:12	13.81	51.89	34.11	10.79	7.93	4.2	3.302	128.8	2.1	2.1	0.5
1044	10/14/2014 6:16:12	13.56	51.90	34.11	10.92	7.93	4.3	3.280	129.7	2.0	2.0	0.5
1045	10/14/2014 6:31:12	13.70	51.83	34.07	10.91	7.93	4.4	3.256	129.9	2.0	2.0	0.5
1046	10/14/2014 6:46:11	13.84	51.84	34.08	10.87	7.93	4.8	3.195	129.8	1.9	1.9	0.4
1047	10/14/2014 7:01:11	14.39	51.78	34.05	10.68	7.92	7.5	3.154	128.9	2.7	2.7	0.6
1048	10/14/2014 7:16:12	14.24	51.91	34.14	10.73	7.92	6.1	3.077	129.2	2.4	2.4	0.6
1049	10/14/2014 7:31:12	14.12	51.87	34.11	10.79	7.93	5.7	3.026	129.6	2.6	2.6	0.6
1050	10/14/2014 7:46:12	14.29	51.71	34.00	10.76	7.92	5.0	2.954	129.6	1.9	1.9	0.4
1051	10/14/2014 8:01:12	14.44	51.75	34.03	10.64	7.92	4.6	2.884	128.5	1.9	1.9	0.5
1052	10/14/2014 8:16:12	14.54	51.80	34.07	10.59	7.92	4.3	2.829	128.3	2.1	2.1	0.5
1053	10/14/2014 8:31:12	14.78	51.75	34.04	10.45	7.91	4.0	2.779	127.1	2.2	2.2	0.5
1054	10/14/2014 8:46:12	14.90	51.82	34.10	10.37	7.91	3.7	2.733	126.5	2.1	2.1	0.5
1055	10/14/2014 9:01:12	14.98	51.72	34.02	10.30	7.91	4.0	2.676	125.7	1.8	1.8	0.4
1056	10/14/2014 9:16:12	15.05	51.69	34.00	10.25	7.90	3.8	2.648	125.3	2.1	2.1	0.5
1057	10/14/2014 9:31:12	15.09	51.72	34.02	10.18	7.90	3.9	2.604	124.6	2.5	2.5	0.6
1058	10/14/2014 9:46:12	15.05	51.76	34.05	10.20	7.90	3.8	2.578	124.7	1.5	1.5	0.4
1059	10/14/2014 10:01:12	15.09	51.78	34.07	10.21	7.90	3.7	2.541	125.0	2.1	2.1	0.5
1060	10/14/2014 10:16:12	15.13	51.72	34.03	10.27	7.90	3.6	2.530	125.8	1.6	1.6	0.4
1061	10/14/2014 10:31:12	15.20	51.73	34.04	10.18	7.90	3.3	2.506	124.9	2.5	2.5	0.6
1062	10/14/2014 10:46:12	15.26	51.79	34.08	10.08	7.89	3.2	2.499	123.9	1.8	1.8	0.4
1063	10/14/2014 11:01:12	15.26	51.76	34.06	10.17	7.89	3.1	2.508	124.9	2.0	2.0	0.5
1064	10/14/2014 11:16:12	15.30	51.72	34.03	10.39	7.91	3.3	2.518	127.7	3.1	3.1	0.7
1065	10/14/2014 11:31:12	15.31	51.73	34.04	10.34	7.91	3.2	2.542	127.1	2.8	2.8	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
1066	10/14/2014 11:46:12	15.28	51.79	34.08	10.36	7.91	3.3	2.549	127.3	2.5	2.5	0.6
1067	10/14/2014 12:01:12	15.28	51.79	34.08	10.43	7.92	3.4	2.589	128.2	2.8	2.8	0.7
1068	10/14/2014 12:16:12	15.20	51.79	34.08	10.46	7.92	4.0	2.663	128.3	3.0	3.0	0.7
1069	10/14/2014 12:31:12	15.11	51.72	34.03	10.49	7.92	3.9	2.688	128.4	2.7	2.7	0.6
1070	10/14/2014 12:46:12	15.02	51.71	34.02	10.59	7.92	3.7	2.759	129.5	3.2	3.2	0.8
1071	10/14/2014 13:01:12	14.92	51.78	34.07	10.60	7.92	3.9	2.800	129.3	2.6	2.6	0.6
1072	10/14/2014 13:16:12	14.74	51.75	34.04	10.61	7.92	4.0	2.866	129.0	2.4	2.4	0.6
1073	10/14/2014 13:31:12	14.45	51.83	34.09	10.69	7.92	4.5	2.921	129.2	2.5	2.5	0.6
1074	10/14/2014 13:46:12	14.34	51.84	34.10	10.75	7.93	4.1	2.971	129.7	2.6	2.6	0.6
1075	10/14/2014 14:01:12	14.25	51.84	34.09	10.86	7.93	3.6	3.057	130.7	2.4	2.4	0.6
1076	10/14/2014 14:16:12	14.14	51.84	34.08	10.87	7.94	3.6	3.104	130.6	2.7	2.7	0.6
1077	10/14/2014 14:31:12	14.06	51.90	34.13	10.90	7.94	3.5	3.164	130.8	2.1	2.1	0.5
1078	10/14/2014 14:46:12	13.98	51.82	34.07	10.96	7.94	3.7	3.217	131.2	2.0	2.0	0.5
1079	10/14/2014 15:01:12	13.88	51.80	34.05	11.00	7.94	3.7	3.281	131.5	2.8	2.8	0.7
1080	10/14/2014 15:16:12	13.62	51.85	34.07	11.10	7.95	3.6	3.336	131.9	2.6	2.6	0.6
1081	10/14/2014 15:31:12	13.51	51.86	34.08	11.11	7.95	3.7	3.373	131.8	1.9	1.9	0.4
1082	10/14/2014 15:46:11	13.41	51.85	34.07	11.17	7.96	3.3	3.428	132.2	2.2	2.2	0.5
1083	10/14/2014 16:01:12	13.34	51.98	34.16	11.14	7.95	3.6	3.468	131.7	2.0	2.0	0.5
1084	10/14/2014 16:16:11	13.36	51.82	34.04	11.11	7.95	3.4	3.475	131.4	2.1	2.1	0.5
1085	10/14/2014 16:31:11	13.48	51.74	33.99	10.76	7.94	3.2	3.495	127.4	2.2	2.2	0.5
1086	10/14/2014 16:46:11	13.60	51.88	34.10	10.84	7.94	3.5	3.498	128.8	1.6	1.6	0.4
1087	10/14/2014 17:01:12	13.46	51.86	34.08	10.92	7.94	3.4	3.509	129.4	1.9	1.9	0.4
1088	10/14/2014 17:16:12	13.36	51.87	34.08	10.99	7.95	3.2	3.484	130.0	2.2	2.2	0.5
1089	10/14/2014 17:31:12	13.38	51.96	34.15	10.98	7.95	2.8	3.456	129.9	1.7	1.7	0.4
1090	10/14/2014 17:46:12	13.39	51.95	34.14	10.99	7.95	3.4	3.379	130.0	1.8	1.8	0.4
1091	10/14/2014 18:01:12	13.63	51.93	34.14	10.90	7.95	3.4	3.363	129.7	1.5	1.5	0.4
1092	10/14/2014 18:16:11	14.11	51.62	33.92	10.77	7.94	4.4	3.302	129.2	2.4	2.4	0.6
1093	10/14/2014 18:31:12	14.24	51.73	34.01	10.79	7.94	4.3	3.194	129.8	2.4	2.4	0.6
1094	10/14/2014 18:46:12	14.53	51.73	34.02	10.79	7.94	4.7	3.144	130.6	2.6	2.6	0.6
1095	10/14/2014 19:01:12	14.63	51.77	34.05	10.80	7.94	3.9	3.052	131.0	2.7	2.7	0.6
1096	10/14/2014 19:16:12	14.69	51.72	34.01	10.84	7.95	4.2	2.975	131.6	2.6	2.6	0.6
1097	10/14/2014 19:31:12	14.77	51.72	34.02	10.81	7.94	4.5	2.882	131.5	2.8	2.8	0.7
1098	10/14/2014 19:46:12	14.76	51.65	33.97	10.85	7.95	4.3	2.787	131.8	2.6	2.6	0.6
1099	10/14/2014 20:01:12	14.95	51.57	33.91	10.79	7.94	4.0	2.723	131.6	2.7	2.7	0.6
1100	10/14/2014 20:16:12	15.16	51.66	33.98	10.69	7.94	4.3	2.631	131.0	2.5	2.5	0.6
1101	10/14/2014 20:31:12	15.19	51.64	33.97	10.75	7.95	5.2	2.538	131.7	2.9	2.9	0.7
1102	10/14/2014 20:46:11	15.03	51.66	33.98	10.74	7.94	5.9	2.457	131.3	3.1	3.1	0.7
1103	10/14/2014 21:01:12	15.10	51.63	33.96	10.64	7.94	6.6	2.370	130.2	3.4	3.4	0.8
1104	10/14/2014 21:16:12	15.12	51.71	34.02	10.66	7.94	7.6	2.283	130.6	3.5	3.5	0.8
1105	10/14/2014 21:31:12	15.17	51.69	34.01	10.67	7.94	8.4	2.185	130.8	3.4	3.4	0.8
1106	10/14/2014 21:46:12	15.09	51.65	33.98	10.65	7.94	9.7	2.100	130.3	3.4	3.4	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
1107	10/14/2014 22:01:12	15.17	51.67	33.99	10.63	7.94	8.8	2.030	130.2	3.0	3.0	0.7
1108	10/14/2014 22:16:12	15.13	51.66	33.98	10.59	7.94	8.9	1.961	129.6	2.7	2.7	0.6
1109	10/14/2014 22:31:12	15.10	51.68	34.00	10.54	7.93	8.1	1.877	129.0	3.2	3.2	0.7
1110	10/14/2014 22:46:12	15.29	51.61	33.95	10.52	7.94	7.0	1.839	129.2	3.2	3.2	0.8
1111	10/14/2014 23:01:12	15.38	51.65	33.98	10.49	7.94	5.9	1.791	129.1	3.5	3.5	0.8
1112	10/14/2014 23:16:12	15.44	51.64	33.97	10.57	7.94	5.4	1.759	130.2	3.1	3.1	0.7
1113	10/14/2014 23:31:12	15.61	51.55	33.91	10.56	7.95	3.7	1.743	130.5	3.1	3.1	0.7
1114	10/14/2014 23:46:11	15.65	51.54	33.91	10.31	7.94	3.0	1.746	127.5	3.1	3.1	0.7
1115	10/15/2014 0:01:12	15.67	51.61	33.96	10.68	7.95	3.3	1.764	132.2	3.0	3.0	0.7
1116	10/15/2014 0:16:12	15.64	51.63	33.97	10.67	7.96	3.4	1.786	132.0	2.9	2.9	0.7
1117	10/15/2014 0:31:12	15.63	51.54	33.90	10.70	7.96	3.6	1.823	132.3	2.3	2.3	0.5
1118	10/15/2014 0:46:12	15.62	51.60	33.95	10.74	7.96	3.7	1.888	132.8	2.5	2.5	0.6
1119	10/15/2014 1:01:12	15.58	51.35	33.76	10.73	7.95	4.3	1.958	132.4	2.4	2.4	0.6
1120	10/15/2014 1:16:12	15.55	51.27	33.70	10.36	7.91	7.8	2.028	127.7	3.5	3.5	0.8
1121	10/15/2014 1:31:12	15.52	51.32	33.74	10.35	7.91	6.1	2.094	127.6	3.6	3.6	0.8
1122	10/15/2014 1:46:12	15.51	51.26	33.70	10.37	7.91	5.9	2.168	127.7	3.2	3.2	0.8
1123	10/15/2014 2:01:12	15.47	51.38	33.78	10.41	7.92	5.7	2.213	128.2	2.8	2.8	0.7
1124	10/15/2014 2:16:12	15.39	51.38	33.78	10.44	7.92	5.6	2.285	128.4	3.1	3.1	0.7
1125	10/15/2014 2:31:12	15.34	51.38	33.78	10.45	7.92	5.5	2.361	128.4	2.7	2.7	0.6
1126	10/15/2014 2:46:12	15.29	51.34	33.75	10.50	7.92	5.0	2.421	128.8	3.2	3.2	0.8
1127	10/15/2014 3:01:12	15.16	51.49	33.86	10.50	7.92	4.7	2.491	128.6	2.7	2.7	0.6
1128	10/15/2014 3:16:12	15.07	51.57	33.92	10.47	7.91	4.8	2.541	128.0	2.9	2.9	0.7
1129	10/15/2014 3:31:12	15.06	51.51	33.87	10.46	7.91	4.5	2.617	127.8	3.2	3.2	0.8
1130	10/15/2014 3:46:12	14.95	51.55	33.90	10.49	7.91	4.8	2.693	127.9	3.0	3.0	0.7
1131	10/15/2014 4:01:12	14.86	51.55	33.90	10.49	7.91	4.8	2.750	127.6	2.9	2.9	0.7
1132	10/15/2014 4:16:12	14.68	51.45	33.82	10.57	7.91	4.7	2.832	128.2	2.5	2.5	0.6
1133	10/15/2014 4:31:12	14.61	51.46	33.82	10.57	7.92	4.6	2.897	128.0	2.8	2.8	0.7
1134	10/15/2014 4:46:12	14.52	51.41	33.79	10.60	7.92	4.9	2.961	128.1	2.6	2.6	0.6
1135	10/15/2014 5:01:11	14.38	51.53	33.87	10.67	7.92	4.8	3.033	128.6	3.0	3.0	0.7
1136	10/15/2014 5:16:12	14.27	51.45	33.80	10.67	7.92	4.9	3.097	128.3	2.6	2.6	0.6
1137	10/15/2014 5:31:12	14.12	51.49	33.83	10.70	7.92	4.7	3.167	128.3	2.3	2.3	0.5
1138	10/15/2014 5:46:11	14.03	51.38	33.75	10.77	7.92	4.3	3.209	128.8	2.9	2.9	0.7
1139	10/15/2014 6:01:12	13.91	51.49	33.82	10.77	7.93	4.3	3.239	128.6	2.9	2.9	0.7
1140	10/15/2014 6:16:12	13.77	51.48	33.81	10.87	7.93	3.6	3.282	129.4	2.7	2.7	0.6
1141	10/15/2014 6:31:12	13.70	51.52	33.84	10.81	7.93	3.5	3.311	128.5	2.5	2.5	0.6
1142	10/15/2014 6:46:12	13.74	51.56	33.87	10.51	7.92	3.2	3.320	125.0	2.2	2.2	0.5
1143	10/15/2014 7:01:12	13.68	51.60	33.89	10.68	7.92	3.7	3.315	127.0	2.1	2.1	0.5
1144	10/15/2014 7:16:12	13.60	51.54	33.85	10.73	7.93	4.0	3.296	127.3	2.5	2.5	0.6
1145	10/15/2014 7:31:12	13.80	51.44	33.78	10.64	7.92	4.0	3.270	126.8	2.4	2.4	0.6
1146	10/15/2014 7:46:12	14.05	51.52	33.85	10.54	7.92	4.6	3.215	126.2	2.0	2.0	0.5
1147	10/15/2014 8:01:12	14.41	51.39	33.76	10.37	7.91	5.4	3.166	125.0	2.0	2.0	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
1148	10/15/2014 8:16:12	14.35	51.46	33.82	10.41	7.91	5.9	3.138	125.3	2.0	2.0	0.5
1149	10/15/2014 8:31:12	14.18	51.53	33.86	10.51	7.91	4.6	3.072	126.1	1.8	1.8	0.4
1150	10/15/2014 8:46:12	14.22	51.43	33.79	10.50	7.91	4.7	3.015	126.1	2.2	2.2	0.5
1151	10/15/2014 9:01:12	14.35	51.44	33.80	10.41	7.91	4.6	2.973	125.4	1.8	1.8	0.4
1152	10/15/2014 9:16:12	14.49	51.40	33.78	10.31	7.90	4.3	2.929	124.5	2.1	2.1	0.5
1153	10/15/2014 9:31:11	14.56	51.38	33.76	10.30	7.90	4.3	2.880	124.6	1.9	1.9	0.5
1154	10/15/2014 9:46:12	14.65	51.38	33.77	10.24	7.90	4.0	2.828	124.0	1.8	1.8	0.4
1155	10/15/2014 10:01:12	14.75	51.34	33.74	10.19	7.90	3.9	2.795	123.7	2.1	2.1	0.5
1156	10/15/2014 10:16:12	14.82	51.42	33.80	10.19	7.90	3.9	2.763	123.9	2.2	2.2	0.5
1157	10/15/2014 10:31:12	14.88	51.45	33.82	10.24	7.90	3.9	2.721	124.7	2.3	2.3	0.5
1158	10/15/2014 10:46:12	14.93	51.31	33.72	10.14	7.90	3.6	2.689	123.5	2.0	2.0	0.5
1159	10/15/2014 11:01:12	14.92	51.38	33.77	10.35	7.90	4.3	2.682	126.1	1.5	1.5	0.4
1160	10/15/2014 11:16:12	15.05	51.39	33.78	10.24	7.89	4.0	2.652	125.1	1.8	1.8	0.4
1161	10/15/2014 11:31:12	15.11	51.31	33.73	10.23	7.89	4.0	2.642	125.0	2.5	2.5	0.6
1162	10/15/2014 11:46:12	15.15	51.39	33.79	9.99	7.88	3.5	2.643	122.3	1.7	1.7	0.4
1163	10/15/2014 12:01:12	14.99	51.40	33.79	10.12	7.89	3.6	2.643	123.4	1.3	1.3	0.3
1164	10/15/2014 12:16:12	14.96	51.38	33.77	10.04	7.89	3.0	2.643	122.3	1.8	1.8	0.4
1165	10/15/2014 12:31:12	14.93	51.48	33.84	10.11	7.89	2.9	2.663	123.3	2.2	2.2	0.5
1166	10/15/2014 12:46:12	14.87	51.37	33.76	10.14	7.90	3.5	2.680	123.4	1.5	1.5	0.3
1167	10/15/2014 13:01:12	14.85	51.35	33.75	10.20	7.90	3.4	2.693	124.0	1.4	1.4	0.3
1168	10/15/2014 13:16:12	14.84	51.37	33.76	10.25	7.90	3.8	2.728	124.6	2.2	2.2	0.5
1169	10/15/2014 13:31:12	14.83	51.37	33.76	10.27	7.90	3.5	2.756	124.9	2.0	2.0	0.5
1170	10/15/2014 13:46:12	14.81	51.40	33.78	10.47	7.91	3.9	2.801	127.2	2.7	2.7	0.6
1171	10/15/2014 14:01:12	14.72	51.39	33.77	10.46	7.91	3.6	2.839	126.9	2.0	2.0	0.5
1172	10/15/2014 14:16:12	14.69	51.41	33.79	10.45	7.91	3.2	2.897	126.7	1.7	1.7	0.4
1173	10/15/2014 14:31:12	14.66	51.43	33.80	10.46	7.91	3.6	2.938	126.7	1.8	1.8	0.4
1174	10/15/2014 14:46:12	14.57	51.44	33.81	10.49	7.91	3.6	2.987	126.9	2.2	2.2	0.5
1175	10/15/2014 15:01:12	14.37	51.47	33.82	10.54	7.91	4.0	3.036	127.0	2.2	2.2	0.5
1176	10/15/2014 15:16:12	14.33	51.50	33.84	10.62	7.92	4.0	3.073	127.9	1.9	1.9	0.5
1177	10/15/2014 15:31:12	14.37	51.43	33.79	10.70	7.92	3.4	3.133	128.9	2.4	2.4	0.6
1178	10/15/2014 15:46:12	14.30	51.59	33.91	10.81	7.93	3.1	3.181	130.1	2.5	2.5	0.6
1179	10/15/2014 16:01:12	14.24	51.57	33.89	10.78	7.93	3.1	3.226	129.7	2.4	2.4	0.6
1180	10/15/2014 16:16:12	14.23	51.58	33.90	10.79	7.93	3.2	3.269	129.7	1.9	1.9	0.4
1181	10/15/2014 16:31:12	14.22	51.58	33.90	10.79	7.93	3.1	3.318	129.7	1.9	1.9	0.4
1182	10/15/2014 16:46:12	14.18	51.57	33.89	10.85	7.93	3.1	3.347	130.3	2.1	2.1	0.5
1183	10/15/2014 17:01:12	14.16	51.61	33.92	10.85	7.93	3.0	3.363	130.2	2.8	2.8	0.6
1184	10/15/2014 17:16:12	14.06	51.50	33.84	10.73	7.92	3.3	3.394	128.5	2.0	2.0	0.5
1185	10/15/2014 17:31:12	14.00	51.57	33.88	10.82	7.93	2.7	3.418	129.4	2.3	2.3	0.5
1186	10/15/2014 17:46:12	13.90	51.65	33.94	10.60	7.91	3.1	3.419	126.6	2.1	2.1	0.5
1187	10/15/2014 18:01:12	13.86	51.67	33.95	10.77	7.92	2.9	3.409	128.6	1.5	1.5	0.3
1188	10/15/2014 18:16:12	13.90	51.56	33.88	10.78	7.93	3.2	3.392	128.7	1.5	1.5	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
1189	10/15/2014 18:31:12	14.01	51.61	33.91	10.81	7.93	3.5	3.384	129.3	2.3	2.3	0.5
1190	10/15/2014 18:46:12	14.11	51.59	33.90	10.77	7.93	3.1	3.311	129.2	1.9	1.9	0.4
1191	10/15/2014 19:01:12	14.24	51.61	33.92	10.70	7.92	3.4	3.282	128.7	2.0	2.0	0.5
1192	10/15/2014 19:16:12	14.46	51.56	33.89	10.81	7.93	3.8	3.232	130.5	2.1	2.1	0.5
1193	10/15/2014 19:31:12	14.68	51.50	33.85	10.83	7.94	4.3	3.177	131.3	2.8	2.8	0.7
1194	10/15/2014 19:46:11	14.92	51.40	33.79	10.90	7.95	4.5	3.104	132.8	2.5	2.5	0.6
1195	10/15/2014 20:01:12	14.89	51.47	33.83	10.81	7.94	4.3	3.044	131.6	2.2	2.2	0.5
1196	10/15/2014 20:16:12	14.92	51.49	33.85	10.91	7.94	4.2	2.973	132.9	2.3	2.3	0.5
1197	10/15/2014 20:31:12	15.09	51.45	33.82	10.95	7.95	4.4	2.884	133.9	2.6	2.6	0.6
1198	10/15/2014 20:46:12	15.31	51.43	33.82	10.94	7.96	5.0	2.812	134.3	2.0	2.0	0.5
1199	10/15/2014 21:01:12	15.36	51.42	33.81	11.03	7.96	4.7	2.744	135.6	1.9	1.9	0.4
1200	10/15/2014 21:16:12	15.48	51.42	33.81	11.13	7.98	5.0	2.655	137.1	2.3	2.3	0.5
1201	10/15/2014 21:31:12	15.40	51.49	33.87	11.09	7.97	5.9	2.596	136.5	2.2	2.2	0.5
1202	10/15/2014 21:46:12	15.16	51.48	33.85	10.86	7.95	5.4	2.530	132.9	2.1	2.1	0.5
1203	10/15/2014 22:01:12	15.04	51.44	33.82	10.82	7.94	6.4	2.422	132.1	2.2	2.2	0.5
1204	10/15/2014 22:16:12	15.00	51.45	33.83	10.72	7.94	8.1	2.345	130.8	2.3	2.3	0.5
1205	10/15/2014 22:31:12	15.24	51.49	33.86	10.81	7.95	6.3	2.289	132.5	2.5	2.5	0.6
1206	10/15/2014 22:46:12	15.16	51.42	33.81	10.72	7.94	7.2	2.216	131.2	2.3	2.3	0.6
1207	10/15/2014 23:01:12	15.18	51.31	33.73	10.85	7.95	7.3	2.142	132.8	2.4	2.4	0.6
1208	10/15/2014 23:16:12	15.34	51.41	33.81	11.06	7.97	5.7	2.073	135.8	2.7	2.7	0.6
1209	10/15/2014 23:31:12	15.30	51.35	33.76	11.12	7.98	5.9	1.993	136.4	2.4	2.4	0.6
1210	10/15/2014 23:46:12	15.41	51.34	33.75	11.25	7.99	5.1	1.952	138.4	2.6	2.6	0.6
1211	10/16/2014 0:01:12	15.40	51.34	33.75	11.21	7.99	5.2	1.915	137.8	2.4	2.4	0.6
1212	10/16/2014 0:16:12	15.53	51.25	33.69	11.27	7.99	4.0	1.930	138.8	2.5	2.5	0.6
1213	10/16/2014 0:31:12	15.61	51.26	33.70	11.32	7.99	3.4	1.865	139.7	2.4	2.4	0.6
1214	10/16/2014 0:46:12	15.60	51.20	33.66	11.35	8.00	3.7	1.843	140.0	2.6	2.6	0.6
1215	10/16/2014 1:01:12	15.57	51.22	33.67	11.32	8.00	5.4	1.905	139.6	1.7	1.7	0.4
1216	10/16/2014 1:16:12	15.52	51.26	33.70	11.32	8.00	7.0	1.922	139.5	2.7	2.7	0.6
1217	10/16/2014 1:31:12	15.49	51.16	33.62	11.22	7.99	6.5	1.953	138.1	2.6	2.6	0.6
1218	10/16/2014 1:46:12	15.55	51.29	33.72	11.28	7.99	3.7	1.964	139.1	2.7	2.7	0.6
1219	10/16/2014 2:01:12	15.54	51.35	33.76	11.21	7.99	6.1	2.063	138.3	2.2	2.2	0.5
1220	10/16/2014 2:16:12	15.49	51.18	33.63	10.96	7.96	4.9	2.119	134.9	2.5	2.5	0.6
1221	10/16/2014 2:31:12	15.48	51.12	33.60	10.83	7.95	5.1	2.167	133.2	2.4	2.4	0.6
1222	10/16/2014 2:46:12	15.47	50.93	33.45	10.70	7.94	5.3	2.199	131.5	2.4	2.4	0.6
1223	10/16/2014 3:01:12	15.44	51.01	33.51	10.68	7.94	5.0	2.276	131.2	2.8	2.8	0.7
1224	10/16/2014 3:16:12	15.45	51.20	33.65	10.80	7.95	4.5	2.346	132.8	2.5	2.5	0.6
1225	10/16/2014 3:31:12	15.42	51.28	33.71	10.78	7.95	4.2	2.402	132.6	2.6	2.6	0.6
1226	10/16/2014 3:46:12	15.34	51.27	33.70	10.72	7.94	4.3	2.465	131.6	2.6	2.6	0.6
1227	10/16/2014 4:01:12	15.24	51.35	33.76	10.62	7.93	4.4	2.532	130.2	2.5	2.5	0.6
1228	10/16/2014 4:16:12	15.14	51.35	33.75	10.48	7.92	4.4	2.584	128.1	2.7	2.7	0.6
1229	10/16/2014 4:31:12	15.10	51.37	33.77	10.43	7.92	4.2	2.662	127.5	2.4	2.4	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
1230	10/16/2014 4:46:12	15.06	51.36	33.76	10.42	7.92	4.5	2.729	127.2	2.6	2.6	0.6
1231	10/16/2014 5:01:12	14.97	51.47	33.84	10.42	7.92	4.3	2.801	127.0	2.1	2.1	0.5
1232	10/16/2014 5:16:12	14.84	51.45	33.82	10.41	7.91	4.7	2.858	126.6	2.5	2.5	0.6
1233	10/16/2014 5:31:12	14.72	51.40	33.78	10.42	7.91	5.8	2.920	126.4	2.5	2.5	0.6
1234	10/16/2014 5:46:12	14.64	51.49	33.84	10.42	7.92	4.6	2.989	126.2	2.6	2.6	0.6
1235	10/16/2014 6:01:12	14.54	51.51	33.86	10.44	7.92	4.4	3.048	126.2	3.0	3.0	0.7
1236	10/16/2014 6:16:11	14.41	51.47	33.82	10.49	7.92	4.7	3.117	126.5	2.4	2.4	0.6
1237	10/16/2014 6:31:11	14.20	51.56	33.88	10.55	7.92	4.5	3.182	126.8	2.4	2.4	0.6
1238	10/16/2014 6:46:12	14.11	51.55	33.88	10.54	7.92	4.2	3.208	126.3	2.6	2.6	0.6
1239	10/16/2014 7:01:12	13.98	51.54	33.86	10.58	7.92	4.5	3.271	126.6	2.8	2.8	0.7
1240	10/16/2014 7:16:12	13.90	51.61	33.91	10.60	7.92	3.9	3.302	126.5	2.6	2.6	0.6
1241	10/16/2014 7:31:12	13.88	51.51	33.83	10.50	7.92	4.5	3.329	125.3	2.8	2.8	0.6
1242	10/16/2014 7:46:12	13.82	51.59	33.89	10.49	7.91	3.9	3.331	125.0	1.8	1.8	0.4
1243	10/16/2014 8:01:12	14.00	51.52	33.84	10.40	7.91	4.0	3.323	124.4	1.6	1.6	0.4
1244	10/16/2014 8:16:12	13.81	51.60	33.90	10.50	7.91	3.4	3.334	125.1	1.6	1.6	0.4
1245	10/16/2014 8:31:12	13.85	51.59	33.89	10.59	7.92	3.6	3.295	126.3	1.7	1.7	0.4
1246	10/16/2014 8:46:12	14.03	51.56	33.88	10.44	7.91	3.9	3.254	124.9	1.5	1.5	0.4
1247	10/16/2014 9:01:12	14.26	51.47	33.82	10.34	7.91	4.5	3.214	124.3	1.4	1.4	0.3
1248	10/16/2014 9:16:12	14.49	51.49	33.84	10.31	7.91	4.8	3.169	124.5	1.9	1.9	0.5
1249	10/16/2014 9:31:12	14.42	51.55	33.88	10.43	7.91	4.3	3.125	125.8	2.1	2.1	0.5
1250	10/16/2014 9:46:12	14.40	51.56	33.89	10.49	7.92	4.1	3.054	126.5	1.9	1.9	0.4
1251	10/16/2014 10:01:12	14.61	51.42	33.79	10.41	7.91	4.3	3.004	126.0	2.2	2.2	0.5
1252	10/16/2014 10:16:12	14.69	51.43	33.80	10.29	7.91	4.1	2.960	124.8	1.8	1.8	0.4
1253	10/16/2014 10:31:12	14.80	51.31	33.71	10.20	7.91	3.6	2.899	123.9	1.6	1.6	0.4
1254	10/16/2014 10:46:12	14.92	51.37	33.76	10.21	7.90	3.7	2.859	124.3	1.7	1.7	0.4
1255	10/16/2014 11:01:12	14.94	51.41	33.79	10.19	7.90	3.4	2.815	124.1	1.3	1.3	0.3
1256	10/16/2014 11:16:12	15.02	51.43	33.81	10.14	7.90	3.3	2.778	123.8	1.5	1.5	0.3
1257	10/16/2014 11:31:12	15.10	51.36	33.76	10.17	7.90	3.4	2.733	124.3	1.7	1.7	0.4
1258	10/16/2014 11:46:12	15.16	51.44	33.82	10.12	7.90	3.2	2.715	123.9	2.0	2.0	0.5
1259	10/16/2014 12:01:12	15.20	51.33	33.74	10.05	7.90	3.4	2.700	123.0	1.5	1.5	0.4
1260	10/16/2014 12:16:12	15.47	51.30	33.72	10.41	7.91	4.3	2.646	128.2	2.0	2.0	0.5
1261	10/16/2014 12:31:12	15.55	51.29	33.72	10.42	7.91	4.5	2.635	128.4	1.6	1.6	0.4
1262	10/16/2014 12:46:12	15.52	51.13	33.60	10.07	7.90	4.0	2.625	124.0	2.0	2.0	0.5
1263	10/16/2014 13:01:12	15.45	51.32	33.74	10.24	7.90	3.8	2.613	126.0	2.0	2.0	0.5
1264	10/16/2014 13:16:12	15.31	51.42	33.81	10.22	7.90	3.6	2.609	125.4	2.1	2.1	0.5
1265	10/16/2014 13:31:12	15.26	51.33	33.74	10.24	7.90	3.3	2.603	125.6	1.6	1.6	0.4
1266	10/16/2014 13:46:12	15.19	51.37	33.77	10.22	7.91	3.2	2.631	125.1	1.3	1.3	0.3
1267	10/16/2014 14:01:12	15.21	51.40	33.79	10.29	7.91	3.7	2.641	126.1	2.6	2.6	0.6
1268	10/16/2014 14:16:12	15.18	51.35	33.75	10.31	7.91	3.2	2.647	126.2	2.8	2.8	0.7
1269	10/16/2014 14:31:12	15.22	51.32	33.73	10.29	7.91	3.3	2.679	126.1	1.3	1.3	0.3
1270	10/16/2014 14:46:12	15.25	51.37	33.77	10.34	7.92	3.3	2.731	126.8	1.6	1.6	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
1271	10/16/2014 15:01:12	15.25	51.36	33.76	10.41	7.92	3.2	2.770	127.6	2.5	2.5	0.6
1272	10/16/2014 15:16:12	15.08	51.45	33.83	10.33	7.92	3.2	2.808	126.2	2.3	2.3	0.5
1273	10/16/2014 15:31:12	14.98	51.32	33.73	10.31	7.91	3.1	2.851	125.7	2.1	2.1	0.5
1274	10/16/2014 15:46:12	14.87	51.46	33.83	10.31	7.91	3.4	2.893	125.5	1.8	1.8	0.4
1275	10/16/2014 16:01:12	14.79	51.40	33.78	10.34	7.92	3.6	2.942	125.6	1.5	1.5	0.4
1276	10/16/2014 16:16:12	14.55	51.53	33.87	10.42	7.92	3.7	2.984	126.0	2.3	2.3	0.5
1277	10/16/2014 16:31:12	14.48	51.51	33.85	10.52	7.93	3.7	3.037	127.1	2.1	2.1	0.5
1278	10/16/2014 16:46:12	14.49	51.46	33.82	10.61	7.93	3.2	3.094	128.1	2.3	2.3	0.5
1279	10/16/2014 17:01:12	14.44	51.47	33.82	10.68	7.93	2.9	3.143	128.8	2.2	2.2	0.5
1280	10/16/2014 17:16:12	14.36	51.45	33.81	10.73	7.94	3.1	3.183	129.2	2.6	2.6	0.6
1281	10/16/2014 17:31:12	14.36	51.56	33.89	10.75	7.94	3.2	3.246	129.6	2.1	2.1	0.5
1282	10/16/2014 17:46:12	14.29	51.54	33.87	10.79	7.94	3.0	3.277	129.9	2.6	2.6	0.6
1283	10/16/2014 18:01:12	14.26	51.54	33.87	10.77	7.94	2.8	3.294	129.5	2.4	2.4	0.6
1284	10/16/2014 18:16:12	14.17	51.59	33.90	10.85	7.94	3.2	3.341	130.2	2.5	2.5	0.6
1285	10/16/2014 18:31:12	14.12	51.58	33.89	10.80	7.94	2.5	3.352	129.5	2.7	2.7	0.6
1286	10/16/2014 18:46:12	14.07	51.56	33.88	10.58	7.93	2.7	3.362	126.8	2.3	2.3	0.5
1287	10/16/2014 19:01:12	13.99	51.62	33.92	10.65	7.93	2.5	3.357	127.4	1.9	1.9	0.4
1288	10/16/2014 19:16:12	13.97	51.63	33.93	10.75	7.94	2.8	3.339	128.5	2.1	2.1	0.5
1289	10/16/2014 19:31:12	14.06	51.57	33.88	10.69	7.94	2.7	3.332	128.1	2.4	2.4	0.6
1290	10/16/2014 19:46:12	14.15	51.53	33.86	10.63	7.94	2.9	3.293	127.6	1.9	1.9	0.4
1291	10/16/2014 20:01:12	14.27	51.53	33.86	10.58	7.93	3.2	3.250	127.2	2.5	2.5	0.6
1292	10/16/2014 20:16:12	14.38	51.51	33.85	10.45	7.92	3.7	3.214	126.0	2.4	2.4	0.6
1293	10/16/2014 20:31:12	14.74	51.40	33.78	10.42	7.93	4.2	3.154	126.4	2.9	2.9	0.7
1294	10/16/2014 20:46:12	15.18	51.34	33.75	10.45	7.94	5.1	3.084	127.9	2.4	2.4	0.6
1295	10/16/2014 21:01:12	15.04	51.37	33.76	10.49	7.93	4.0	3.031	128.0	2.5	2.5	0.6
1296	10/16/2014 21:16:12	15.18	51.35	33.76	10.43	7.93	4.4	2.965	127.6	2.4	2.4	0.6
1297	10/16/2014 21:31:12	15.23	48.96	32.01	10.66	7.94	4.3	2.886	129.3	2.4	2.4	0.6
1298	10/16/2014 21:46:12	15.29	50.47	33.11	10.77	7.96	3.9	2.820	131.6	2.7	2.7	0.6
1299	10/16/2014 22:01:12	15.38	50.62	33.22	10.73	7.96	4.0	2.752	131.5	2.5	2.5	0.6
1300	10/16/2014 22:16:11	15.45	50.31	33.00	10.76	7.96	4.1	2.691	131.8	2.3	2.3	0.5
1301	10/16/2014 22:31:12	15.64	48.93	31.99	10.64	7.95	5.1	2.621	130.1	2.2	2.2	0.5
1302	10/16/2014 22:46:12	15.57	49.43	32.36	10.60	7.95	5.2	2.540	129.6	2.2	2.2	0.5
1303	10/16/2014 23:01:12	15.53	49.25	32.23	10.62	7.95	5.3	2.474	129.6	2.5	2.5	0.6
1304	10/16/2014 23:16:12	15.47	48.89	31.96	10.69	7.96	6.1	2.399	130.1	2.9	2.9	0.7
1305	10/16/2014 23:31:12	15.48	49.48	32.39	10.81	7.97	5.6	2.322	132.0	2.9	2.9	0.7
1306	10/16/2014 23:46:12	15.42	49.35	32.30	10.84	7.98	6.6	2.238	132.1	2.1	2.1	0.5
1307	10/17/2014 0:01:12	15.50	50.46	33.11	10.91	7.99	6.0	2.172	133.9	2.3	2.3	0.5
1308	10/17/2014 0:16:12	15.56			11.09	8.00	6.2	2.110	134.7	2.6	2.6	0.6
1309	10/17/2014 0:31:12	15.63			11.11	8.01	5.9	2.049	136.2	2.6	2.6	0.6
1310	10/17/2014 0:46:12	15.73			11.13	8.02	4.9	1.999	136.7	2.3	2.3	0.5
1311	10/17/2014 1:01:12	15.82			11.29	8.03	4.8	1.963	138.5	2.8	2.8	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
1312	10/17/2014 1:16:12	15.88			11.20	8.03	4.0	1.944	137.9	2.4	2.4	0.6
1313	10/17/2014 1:31:12	15.90			11.14	8.02	4.0	1.923	137.2	3.2	3.2	0.7
1314	10/17/2014 1:46:12	15.87			10.98	8.01	4.0	1.927	134.7	2.6	2.6	0.6
1315	10/17/2014 2:01:11	15.86			11.31	8.03	4.0	1.946	138.0	2.4	2.4	0.6
1316	10/17/2014 2:16:12	15.84			11.28	8.03	4.0	1.951	137.6	2.2	2.2	0.5
1317	10/17/2014 2:31:12	15.80			11.22	8.02	4.3	1.984	136.8	2.2	2.2	0.5
1318	10/17/2014 2:46:12	15.78			11.15	8.02	4.7	2.040	136.7	2.6	2.6	0.6
1319	10/17/2014 3:01:12	15.76			11.04	8.01	4.7	2.079	135.9	2.6	2.6	0.6
1320	10/17/2014 3:16:12	15.74			10.68	7.97	5.7	2.140	131.4	2.6	2.6	0.6
1321	10/17/2014 3:31:12	15.74			10.50	7.95	6.2	2.199	129.1	3.0	3.0	0.7
1322	10/17/2014 3:46:12	15.69			10.49	7.95	6.0	2.259	129.0	2.5	2.5	0.6
1323	10/17/2014 4:01:12	15.65			10.57	7.96	5.4	2.314	130.0	3.1	3.1	0.7
1324	10/17/2014 4:16:12	15.61			10.54	7.95	5.1	2.381	129.2	2.8	2.8	0.6
1325	10/17/2014 4:31:12	15.56			10.55	7.95	5.1	2.442	129.1	2.5	2.5	0.6
1326	10/17/2014 4:46:12	15.44			10.44	7.94	4.7	2.509	127.7	2.3	2.3	0.5
1327	10/17/2014 5:01:12	15.32			10.37	7.93	4.4	2.567	126.6	2.8	2.8	0.7
1328	10/17/2014 5:16:12	15.22			10.43	7.92	5.4	2.638	125.8	2.5	2.5	0.6
1329	10/17/2014 5:31:12	15.13			10.35	7.92	4.8	2.702	125.1	2.5	2.5	0.6
1330	10/17/2014 5:46:12	15.02			10.38	7.91	5.8	2.765	124.6	2.5	2.5	0.6
1331	10/17/2014 6:01:12	14.90			10.37	7.91	5.1	2.836	124.4	2.9	2.9	0.7
1332	10/17/2014 6:16:12	14.76			10.42	7.92	5.4	2.902	124.5	2.5	2.5	0.6
1333	10/17/2014 6:31:12	14.65			10.46	7.92	5.0	2.971	124.6	2.4	2.4	0.6
1334	10/17/2014 6:46:12	14.53			10.45	7.92	5.2	3.034	124.5	2.6	2.6	0.6
1335	10/17/2014 7:01:12	14.34			10.59	7.93	5.0	3.106	125.4	2.5	2.5	0.6
1336	10/17/2014 7:16:12	14.10			10.71	7.94	4.7	3.167	126.4	2.6	2.6	0.6
1337	10/17/2014 7:31:12	13.97			10.72	7.94	4.6	3.220	126.8	2.3	2.3	0.5
1338	10/17/2014 7:46:12	13.82			10.87	7.95	5.2	3.279	127.4	2.5	2.5	0.6
1339	10/17/2014 8:01:12	13.73			10.95	7.96	6.7	3.321	128.2	2.9	2.9	0.7
1340	10/17/2014 8:16:12	13.64			11.00	7.96	3.6	3.360	128.6	2.7	2.7	0.6
1341	10/17/2014 8:31:12	13.61			11.01	7.96	3.1	3.386	128.5	2.9	2.9	0.7
1342	10/17/2014 8:46:12	13.60			10.81	7.95	2.8	3.400	126.4	2.8	2.8	0.7
1343	10/17/2014 9:01:12	13.69			10.64	7.95	3.0	3.394	125.3	2.1	2.1	0.5
1344	10/17/2014 9:16:12	13.68			10.57	7.94	3.6	3.387	124.3	1.7	1.7	0.4
1345	10/17/2014 9:31:11	13.62			10.86	7.96	2.9	3.347	127.6	1.7	1.7	0.4
1346	10/17/2014 9:46:12	14.24			10.45	7.93	5.2	3.306	124.7	2.2	2.2	0.5
1347	10/17/2014 10:01:12	14.14			10.61	7.94	3.9	3.258	125.9	2.5	2.5	0.6
1348	10/17/2014 10:16:12	14.02			10.68	7.94	4.2	3.191	126.6	2.2	2.2	0.5
1349	10/17/2014 10:31:12	14.19			10.67	7.94	4.3	3.136	126.3	2.3	2.3	0.5
1350	10/17/2014 10:46:12	14.36			10.58	7.93	6.1	3.060	126.0	2.4	2.4	0.6
1351	10/17/2014 11:01:12	14.49			10.56	7.93	4.5	2.998	125.9	3.1	3.1	0.7
1352	10/17/2014 11:16:12	14.61			10.57	7.93	5.7	2.953	125.7	2.6	2.6	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
1353	10/17/2014 11:31:12	14.69			10.55	7.93	4.7	2.898	126.1	2.7	2.7	0.6
1354	10/17/2014 11:46:12	14.84			10.42	7.93	5.3	2.840	125.3	2.4	2.4	0.6
1355	10/17/2014 12:01:12	14.90			10.44	7.93	5.5	2.787	125.9	2.5	2.5	0.6
1356	10/17/2014 12:16:12	15.10			10.33	7.92	4.5	2.748	125.0	2.6	2.6	0.6
1357	10/17/2014 12:31:12	15.16			10.41	7.93	4.7	2.700	126.2	2.5	2.5	0.6
1358	10/17/2014 12:46:11	15.26			10.51	7.93	5.2	2.661	127.6	2.1	2.1	0.5
1359	10/17/2014 13:01:12	15.32			10.45	7.93	4.8	2.622	127.2	2.4	2.4	0.6
1360	10/17/2014 13:16:12	15.37			10.47	7.93	4.3	2.586	127.3	2.7	2.7	0.6
1361	10/17/2014 13:31:12	15.40			10.49	7.93	4.2	2.561	127.7	2.2	2.2	0.5
1362	10/17/2014 13:46:12	15.42			10.43	7.93	4.4	2.531	127.1	2.4	2.4	0.6
1363	10/17/2014 14:01:12	15.45			10.52	7.93	4.0	2.516	127.6	3.1	3.1	0.7
1364	10/17/2014 14:16:12	15.46			10.53	7.93	3.6	2.501	128.1	2.6	2.6	0.6
1365	10/17/2014 14:31:12	15.48			10.42	7.93	3.7	2.494	127.1	2.7	2.7	0.6
1366	10/17/2014 14:46:12	15.50			10.33	7.92	4.0	2.487	125.6	3.2	3.2	0.7
1367	10/17/2014 15:01:12	15.44			10.50	7.93	3.8	2.500	127.5	2.3	2.3	0.5
1368	10/17/2014 15:16:12	15.40			10.43	7.93	3.9	2.514	126.5	1.7	1.7	0.4
1369	10/17/2014 15:31:12	15.30			10.36	7.92	3.8	2.539	125.7	1.8	1.8	0.4
1370	10/17/2014 15:46:12	15.25			10.33	7.92	4.0	2.574	125.3	1.9	1.9	0.4
1371	10/17/2014 16:01:12	15.22			10.35	7.92	3.9	2.606	125.5	2.1	2.1	0.5
1372	10/17/2014 16:16:12	15.18			10.43	7.92	4.0	2.660	126.1	2.9	2.9	0.7
1373	10/17/2014 16:31:11	15.12			10.48	7.92	4.2	2.711	126.3	3.1	3.1	0.7
1374	10/17/2014 16:46:12	15.03			10.46	7.92	3.9	2.758	126.1	3.2	3.2	0.7
1375	10/17/2014 17:01:12	14.89			10.40	7.92	4.0	2.816	125.4	2.5	2.5	0.6
1376	10/17/2014 17:16:12	14.78			10.43	7.92	3.9	2.868	125.4	2.5	2.5	0.6
1377	10/17/2014 17:31:12	14.59			10.43	7.92	3.9	2.921	125.0	2.3	2.3	0.5
1378	10/17/2014 17:46:12	14.49			10.53	7.93	3.7	2.971	126.0	2.6	2.6	0.6
1379	10/17/2014 18:01:12	14.52			10.56	7.93	3.5	3.033	126.3	3.0	3.0	0.7
1380	10/17/2014 18:16:12	14.53			10.55	7.93	3.2	3.082	126.3	2.7	2.7	0.6
1381	10/17/2014 18:31:12	14.46			10.53	7.93	3.2	3.133	125.8	2.5	2.5	0.6
1382	10/17/2014 18:46:12	14.46			10.56	7.93	3.1	3.183	125.5	2.9	2.9	0.7
1383	10/17/2014 19:01:12	14.45			10.49	7.93	3.4	3.228	125.0	2.4	2.4	0.6
1384	10/17/2014 19:16:12	14.38			10.47	7.93	3.3	3.258	124.9	2.3	2.3	0.5
1385	10/17/2014 19:31:12	14.29			10.47	7.93	2.9	3.290	124.7	2.8	2.8	0.7
1386	10/17/2014 19:46:12	14.27			10.39	7.93	3.2	3.311	123.7	3.4	3.4	0.8
1387	10/17/2014 20:01:12	14.31			10.14	7.92	4.8	3.328	120.9	2.7	2.7	0.6
1388	10/17/2014 20:16:12	14.34			10.25	7.92	2.8	3.320	122.1	2.0	2.0	0.5
1389	10/17/2014 20:31:12	14.21			10.40	7.93	2.9	3.313	123.2	2.2	2.2	0.5
1390	10/17/2014 20:46:12	14.23			10.43	7.93	2.7	3.290	123.2	2.9	2.9	0.7
1391	10/17/2014 21:01:12	14.28			10.37	7.93	3.1	3.247	122.9	2.0	2.0	0.5
1392	10/17/2014 21:16:12	14.42			10.32	7.93	3.8	3.204	122.9	2.6	2.6	0.6
1393	10/17/2014 21:31:12	14.96			10.03	7.91	6.1	3.148	120.8	3.1	3.1	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
1394	10/17/2014 21:46:12	14.84			10.29	7.92	5.1	3.084	123.2	2.6	2.6	0.6
1395	10/17/2014 22:01:12	14.94			10.18	7.92	4.7	3.025	122.8	2.7	2.7	0.6
1396	10/17/2014 22:16:12	14.88			10.25	7.91	4.0	2.960	123.3	2.8	2.8	0.7
1397	10/17/2014 22:31:12	14.88			10.27	7.92	4.0	2.885	123.9	2.1	2.1	0.5
1398	10/17/2014 22:46:12	14.97			10.27	7.91	4.2	2.832	123.7	2.7	2.7	0.6
1399	10/17/2014 23:01:12	15.03			10.31	7.92	4.4	2.755	124.3	2.6	2.6	0.6
1400	10/17/2014 23:16:12	15.14			10.24	7.92	4.3	2.690	123.8	2.7	2.7	0.6
1401	10/17/2014 23:31:12	15.25			10.21	7.91	5.0	2.617	123.8	2.3	2.3	0.5
1402	10/17/2014 23:46:12	15.19			10.26	7.91	5.7	2.547	124.1	2.4	2.4	0.6
1403	10/18/2014 0:01:12	15.09			10.24	7.91	5.8	2.480	123.7	2.5	2.5	0.6
1404	10/18/2014 0:16:12	15.02			10.23	7.91	6.3	2.399	123.2	2.2	2.2	0.5
1405	10/18/2014 0:31:12	15.09			10.22	7.91	6.6	2.329	122.9	2.3	2.3	0.6
1406	10/18/2014 0:46:12	15.25			10.29	7.92	5.6	2.259	124.0	2.9	2.9	0.7
1407	10/18/2014 1:01:12	15.24			10.35	7.92	5.8	2.198	124.4	2.3	2.3	0.5
1408	10/18/2014 1:16:12	15.29			10.30	7.93	5.3	2.122	124.0	2.6	2.6	0.6
1409	10/18/2014 1:31:12	15.29			10.27	7.92	5.3	2.073	123.5	1.8	1.8	0.4
1410	10/18/2014 1:46:12	15.43			10.33	7.94	4.2	2.032	124.7	2.2	2.2	0.5
1411	10/18/2014 2:01:12	15.52			10.37	7.95	3.8	1.993	125.4	2.8	2.8	0.7
1412	10/18/2014 2:16:12	15.62			10.39	7.95	3.7	1.964	125.9	2.9	2.9	0.7
1413	10/18/2014 2:31:12	15.72			10.32	7.96	2.8	1.967	125.4	2.3	2.3	0.5
1414	10/18/2014 2:46:12	15.71			10.27	7.95	3.7	1.958	124.7	2.0	2.0	0.5
1415	10/18/2014 3:01:12	15.69			10.41	7.96	3.6	1.980	126.3	2.3	2.3	0.5
1416	10/18/2014 3:16:12	15.63			10.35	7.95	3.6	2.003	125.5	2.1	2.1	0.5
1417	10/18/2014 3:31:12	15.68			10.45	7.96	3.9	2.053	126.8	2.4	2.4	0.6
1418	10/18/2014 3:46:12	15.70			10.51	7.96	3.4	2.096	127.5	2.5	2.5	0.6
1419	10/18/2014 4:01:12	15.65			10.40	7.95	3.9	2.153	126.1	2.1	2.1	0.5
1420	10/18/2014 4:16:12	15.63			10.25	7.92	5.3	2.210	124.2	3.1	3.1	0.7
1421	10/18/2014 4:31:12	15.62			10.24	7.92	5.6	2.276	124.0	2.7	2.7	0.6
1422	10/18/2014 4:46:12	15.57			10.25	7.92	5.0	2.352	124.1	2.4	2.4	0.6
1423	10/18/2014 5:01:12	15.50			10.25	7.92	4.8	2.410	123.8	2.3	2.3	0.5
1424	10/18/2014 5:16:12	15.40			10.26	7.91	4.7	2.482	123.7	2.3	2.3	0.5
1425	10/18/2014 5:31:12	15.30			10.18	7.90	4.7	2.540	122.6	2.2	2.2	0.5
1426	10/18/2014 5:46:12	15.22			10.16	7.90	4.7	2.610	122.3	1.9	1.9	0.5
1427	10/18/2014 6:01:12	15.10			10.20	7.90	4.7	2.685	122.4	1.8	1.8	0.4
1428	10/18/2014 6:16:12	15.06			10.18	7.90	4.5	2.745	122.0	2.3	2.3	0.5
1429	10/18/2014 6:31:12	15.01			10.18	7.90	4.6	2.820	122.0	2.4	2.4	0.6
1430	10/18/2014 6:46:12	14.92			10.18	7.90	5.0	2.891	121.8	2.6	2.6	0.6
1431	10/18/2014 7:01:12	14.80			10.23	7.90	4.8	2.956	122.1	2.5	2.5	0.6
1432	10/18/2014 7:16:11	14.68			10.29	7.91	5.0	3.032	122.5	2.8	2.8	0.7
1433	10/18/2014 7:31:12	14.62			10.34	7.91	5.3	3.103	122.8	2.6	2.6	0.6
1434	10/18/2014 7:46:12	14.53			10.36	7.91	5.1	3.169	123.1	2.7	2.7	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
1435	10/18/2014 8:01:12	14.30			10.50	7.93	4.9	3.235	124.2	2.2	2.2	0.5
1436	10/18/2014 8:16:12	14.21			10.57	7.93	4.5	3.302	124.6	1.8	1.8	0.4
1437	10/18/2014 8:31:12	14.15			10.57	7.94	4.0	3.349	124.6	2.5	2.5	0.6
1438	10/18/2014 8:46:12	14.06			10.64	7.94	3.2	3.399	125.2	2.0	2.0	0.5
1439	10/18/2014 9:01:12	14.03			10.65	7.95	3.2	3.441	125.1	2.9	2.9	0.7
1440	10/18/2014 9:16:12	14.02			10.62	7.95	2.7	3.468	124.7	2.1	2.1	0.5
1441	10/18/2014 9:31:12	14.21			10.41	7.93	3.1	3.471	122.8	2.6	2.6	0.6
1442	10/18/2014 9:46:11	14.08			10.40	7.94	2.9	3.465	122.4	1.9	1.9	0.5
1443	10/18/2014 10:01:12	14.02			10.49	7.95	3.1	3.443	123.3	1.9	1.9	0.5
1444	10/18/2014 10:16:12	14.10			10.40	7.94	3.0	3.408	122.4	2.2	2.2	0.5
1445	10/18/2014 10:31:12	14.18			10.38	7.94	3.4	3.354	122.4	1.9	1.9	0.4
1446	10/18/2014 10:46:12	14.49			10.31	7.93	4.0	3.297	122.4	1.7	1.7	0.4
1447	10/18/2014 11:01:12	14.63			10.49	7.93	3.9	3.235	124.8	2.0	2.0	0.5
1448	10/18/2014 11:16:12	14.64			10.54	7.94	4.3	3.166	125.3	2.4	2.4	0.6
1449	10/18/2014 11:31:12	14.93			10.38	7.93	3.9	3.091	124.2	1.9	1.9	0.5
1450	10/18/2014 11:46:12	14.97			10.25	7.92	3.8	3.029	122.7	2.1	2.1	0.5
1451	10/18/2014 12:01:12	15.13			10.18	7.92	3.5	2.964	122.3	2.2	2.2	0.5
1452	10/18/2014 12:16:12	15.19			10.23	7.92	3.2	2.897	122.9	1.9	1.9	0.4
1453	10/18/2014 12:31:12	15.31			10.18	7.91	3.5	2.839	122.6	2.1	2.1	0.5
1454	10/18/2014 12:46:12	15.38			10.23	7.91	3.6	2.767	123.3	2.1	2.1	0.5
1455	10/18/2014 13:01:12	15.50			10.26	7.91	3.3	2.714	124.0	1.9	1.9	0.4
1456	10/18/2014 13:16:12	15.60			10.27	7.91	3.5	2.664	124.4	2.0	2.0	0.5
1457	10/18/2014 13:31:12	15.69			10.35	7.92	3.3	2.595	125.7	1.7	1.7	0.4
1458	10/18/2014 13:46:12	15.84			10.40	7.93	3.3	2.548	126.7	1.1	1.1	0.3
1459	10/18/2014 14:01:12	15.93			10.42	7.93	9.3	2.499	127.1	1.9	1.9	0.4
1460	10/18/2014 14:16:12	16.03			10.51	7.94	2.9	2.448	128.5	1.6	1.6	0.4
1461	10/18/2014 14:31:12	16.16			10.52	7.94	3.4	2.409	128.9	1.9	1.9	0.5
1462	10/18/2014 14:46:12	16.23			10.63	7.95	3.2	2.384	130.5	2.4	2.4	0.6
1463	10/18/2014 15:01:12	16.29			10.68	7.95	3.0	2.365	131.2	2.1	2.1	0.5
1464	10/18/2014 15:16:12	16.34			10.33	7.93	3.7	2.347	127.1	1.6	1.6	0.4
1465	10/18/2014 15:31:12	16.44			10.58	7.94	3.6	2.346	130.7	1.9	1.9	0.5
1466	10/18/2014 15:46:12	16.26			10.74	7.95	2.9	2.358	132.0	2.3	2.3	0.5
1467	10/18/2014 16:01:12	16.24			10.62	7.95	3.1	2.379	130.3	2.1	2.1	0.5
1468	10/18/2014 16:16:12	16.22			10.55	7.94	3.9	2.405	129.4	2.5	2.5	0.6
1469	10/18/2014 16:31:12	16.16			10.56	7.93	4.2	2.443	129.0	2.3	2.3	0.5
1470	10/18/2014 16:46:12	16.12			10.52	7.93	4.5	2.492	128.6	2.2	2.2	0.5
1471	10/18/2014 17:01:12	16.10			10.58	7.93	6.1	2.548	129.3	2.6	2.6	0.6
1472	10/18/2014 17:16:12	16.03			10.58	7.93	4.6	2.608	129.1	2.3	2.3	0.5
1473	10/18/2014 17:31:12	15.90			10.53	7.93	5.0	2.664	128.1	1.8	1.8	0.4
1474	10/18/2014 17:46:12	15.84			10.50	7.92	4.2	2.719	127.6	2.3	2.3	0.5
1475	10/18/2014 18:01:12	15.72			10.46	7.92	6.4	2.781	127.1	2.1	2.1	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
1476	10/18/2014 18:16:12	15.57			10.48	7.92	3.7	2.843	126.9	1.8	1.8	0.4
1477	10/18/2014 18:31:12	15.44			10.45	7.92	3.6	2.894	126.3	2.4	2.4	0.6
1478	10/18/2014 18:46:12	15.31			10.44	7.92	3.5	2.960	125.8	2.3	2.3	0.5
1479	10/18/2014 19:01:12	15.17			10.43	7.92	3.6	3.019	125.5	2.5	2.5	0.6
1480	10/18/2014 19:16:12	15.11			10.47	7.93	3.6	3.084	125.7	2.7	2.7	0.6
1481	10/18/2014 19:31:12	15.05			10.49	7.93	3.3	3.134	125.7	2.4	2.4	0.6
1482	10/18/2014 19:46:12	14.91			10.44	7.93	3.2	3.189	125.1	2.4	2.4	0.6
1483	10/18/2014 20:01:11	14.86			10.46	7.93	3.1	3.249	125.1	2.8	2.8	0.7
1484	10/18/2014 20:16:12	14.82			10.52	7.94	2.8	3.284	125.7	3.0	3.0	0.7
1485	10/18/2014 20:31:11	14.79			10.55	7.94	2.6	3.322	125.9	3.5	3.5	0.8
1486	10/18/2014 20:46:12	14.77			10.52	7.94	3.1	3.352	125.5	2.6	2.6	0.6
1487	10/18/2014 21:01:12	14.75			10.37	7.93	2.9	3.374	123.9	2.3	2.3	0.5
1488	10/18/2014 21:16:12	14.89			10.39	7.93	3.2	3.377	124.3	2.0	2.0	0.5
1489	10/18/2014 21:31:13	14.76			10.36	7.94	3.1	3.362	123.8	2.2	2.2	0.5
1490	10/18/2014 21:46:12	14.73			10.37	7.94	2.6	3.351	123.7	2.5	2.5	0.6
1491	10/18/2014 22:01:12	14.74			10.33	7.93	2.6	3.311	123.3	2.5	2.5	0.6
1492	10/18/2014 22:16:12	14.81			10.39	7.93	3.2	3.259	124.0	2.1	2.1	0.5
1493	10/18/2014 22:31:12	15.17			10.14	7.91	5.0	3.209	121.8	2.7	2.7	0.6
1494	10/18/2014 22:46:12	15.22			10.17	7.91	4.7	3.144	122.4	2.6	2.6	0.6
1495	10/18/2014 23:01:12	15.30			10.22	7.92	4.8	3.073	123.0	2.4	2.4	0.6
1496	10/18/2014 23:16:12	15.42			10.29	7.92	4.6	3.006	124.2	2.3	2.3	0.5
1497	10/18/2014 23:31:12	15.44			10.38	7.93	3.9	2.928	125.3	2.3	2.3	0.5
1498	10/18/2014 23:46:12	15.55			10.37	7.93	3.8	2.853	125.4	2.3	2.3	0.5
1499	10/19/2014 0:01:12	15.70			10.34	7.93	4.0	2.777	125.4	2.3	2.3	0.5
1500	10/19/2014 0:16:12	15.86			10.42	7.93	4.0	2.702	126.7	3.1	3.1	0.7
1501	10/19/2014 0:31:12	16.05			10.46	7.94	4.7	2.626	128.1	2.1	2.1	0.5
1502	10/19/2014 0:46:12	16.11			10.58	7.95	5.4	2.551	129.7	2.2	2.2	0.5
1503	10/19/2014 1:01:12	15.95			10.37	7.93	5.0	2.483	126.8	2.3	2.3	0.5
1504	10/19/2014 1:16:12	15.82			10.36	7.93	5.1	2.411	126.0	1.3	1.3	0.3
1505	10/19/2014 1:31:12	15.91			10.42	7.94	4.8	2.341	127.2	2.3	2.3	0.5
1506	10/19/2014 1:46:12	15.80			10.43	7.93	4.8	2.267	126.8	2.3	2.3	0.5
1507	10/19/2014 2:01:12	16.02			10.48	7.94	4.2	2.200	128.2	2.0	2.0	0.5
1508	10/19/2014 2:16:12	16.08			10.42	7.95	4.2	2.143	127.6	2.2	2.2	0.5
1509	10/19/2014 2:31:12	16.18			10.55	7.96	3.7	2.102	129.3	2.4	2.4	0.6
1510	10/19/2014 2:46:12	16.39			10.65	7.98	3.2	2.052	131.0	1.9	1.9	0.4
1511	10/19/2014 3:01:12	16.46			10.74	7.98	3.2	2.016	132.7	2.3	2.3	0.5
1512	10/19/2014 3:16:12	16.62			10.93	7.99	2.8	2.016	135.0	2.0	2.0	0.5
1513	10/19/2014 3:31:12	16.69			10.65	7.99	3.6	2.004	131.7	2.0	2.0	0.5
1514	10/19/2014 3:46:12	16.67			10.91	7.99	3.2	2.015	134.8	1.9	1.9	0.4
1515	10/19/2014 4:01:12	16.59			10.82	7.99	3.3	2.036	133.5	2.2	2.2	0.5
1516	10/19/2014 4:16:12	16.55			10.78	7.98	3.5	2.085	133.1	1.7	1.7	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
1517	10/19/2014 4:31:12	16.52			10.73	7.98	3.7	2.132	132.3	2.0	2.0	0.5
1518	10/19/2014 4:46:12	16.50			10.63	7.96	4.3	2.184	130.9	1.9	1.9	0.4
1519	10/19/2014 5:01:12	16.57			10.30	7.93	5.3	2.258	127.0	2.1	2.1	0.5
1520	10/19/2014 5:16:12	16.58			10.22	7.92	5.6	2.329	125.9	2.4	2.4	0.6
1521	10/19/2014 5:31:12	16.37			10.33	7.93	5.0	2.393	126.9	2.5	2.5	0.6
1522	10/19/2014 5:46:12	16.26			10.30	7.93	4.5	2.466	126.3	2.6	2.6	0.6
1523	10/19/2014 6:01:12	16.12			10.21	7.91	4.6	2.533	124.7	2.8	2.8	0.7
1524	10/19/2014 6:16:12	15.90			10.13	7.90	4.3	2.604	123.5	2.3	2.3	0.5
1525	10/19/2014 6:31:12	15.72			10.12	7.90	4.6	2.672	122.7	2.3	2.3	0.5
1526	10/19/2014 6:46:12	15.60			10.12	7.90	4.0	2.742	122.4	2.6	2.6	0.6
1527	10/19/2014 7:01:12	15.51			10.12	7.90	4.9	2.816	122.3	2.8	2.8	0.7
1528	10/19/2014 7:16:12	15.43			10.13	7.90	4.8	2.891	122.2	2.3	2.3	0.5
1529	10/19/2014 7:31:12	15.28			10.17	7.90	5.0	2.962	122.2	2.7	2.7	0.6
1530	10/19/2014 7:46:12	15.16			10.21	7.91	5.4	3.046	122.4	2.7	2.7	0.6
1531	10/19/2014 8:01:12	15.06			10.28	7.91	5.4	3.129	123.1	2.2	2.2	0.5
1532	10/19/2014 8:16:12	14.89			10.41	7.93	5.5	3.204	124.2	2.3	2.3	0.5
1533	10/19/2014 8:31:12	14.74			10.50	7.94	5.1	3.284	125.1	2.6	2.6	0.6
1534	10/19/2014 8:46:12	14.63			10.61	7.95	4.6	3.368	125.9	2.7	2.7	0.6
1535	10/19/2014 9:01:12	14.54			10.67	7.96	3.9	3.431	126.5	2.7	2.7	0.6
1536	10/19/2014 9:16:12	14.46			10.73	7.96	3.3	3.481	126.9	2.9	2.9	0.7
1537	10/19/2014 9:31:13	14.38			10.82	7.98	3.2	3.531	127.9	2.9	2.9	0.7
1538	10/19/2014 9:46:12	14.35			10.82	7.98	2.6	3.562	128.0	2.5	2.5	0.6
1539	10/19/2014 10:01:12	14.32			10.70	7.97	2.1	3.578	126.4	3.3	3.3	0.8
1540	10/19/2014 10:16:12	14.39			10.69	7.97	2.5	3.569	126.6	1.7	1.7	0.4
1541	10/19/2014 10:31:12	14.33			10.79	7.98	2.5	3.548	127.7	2.2	2.2	0.5
1542	10/19/2014 10:46:12	14.40			10.65	7.97	2.7	3.516	126.2	2.1	2.1	0.5
1543	10/19/2014 11:01:12	14.51			10.67	7.97	3.1	3.459	126.7	1.9	1.9	0.4
1544	10/19/2014 11:16:12	15.06			10.54	7.94	13.1	3.385	126.4	1.8	1.8	0.4
1545	10/19/2014 11:31:12	15.52			10.68	7.95	5.3	3.326	128.9	2.7	2.7	0.6
1546	10/19/2014 11:46:12	15.32			10.75	7.95	4.8	3.251	129.3	2.3	2.3	0.5
1547	10/19/2014 12:01:12	15.44			10.75	7.95	4.0	3.170	129.9	1.9	1.9	0.4
1548	10/19/2014 12:16:12	15.71			10.64	7.94	4.0	3.085	129.2	1.5	1.5	0.4
1549	10/19/2014 12:31:11	15.89			10.67	7.94	4.3	3.008	129.9	2.3	2.3	0.5
1550	10/19/2014 12:46:12	15.77			10.60	7.94	3.9	2.933	128.8	2.7	2.7	0.6
1551	10/19/2014 13:01:12	16.00			10.63	7.94	3.4	2.870	129.9	2.3	2.3	0.5
1552	10/19/2014 13:16:12	16.08			10.60	7.93	3.6	2.791	129.8	1.8	1.8	0.4
1553	10/19/2014 13:31:12	16.26			10.69	7.94	3.6	2.705	131.3	2.0	2.0	0.5
1554	10/19/2014 13:46:12	16.34			10.73	7.94	3.6	2.647	132.0	2.1	2.1	0.5
1555	10/19/2014 14:01:12	16.43			10.93	7.95	3.6	2.567	134.4	1.9	1.9	0.5
1556	10/19/2014 14:16:12	16.52			11.00	7.95	3.6	2.499	135.4	2.4	2.4	0.6
1557	10/19/2014 14:31:12	16.65			11.07	7.97	3.7	2.442	137.0	2.3	2.3	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
1558	10/19/2014 14:46:12	16.80			11.19	7.97	4.2	2.372	138.6	1.8	1.8	0.4
1559	10/19/2014 15:01:12	16.95			11.25	7.98	4.0	2.319	139.8	2.3	2.3	0.5
1560	10/19/2014 15:16:12	17.07			11.43	7.99	4.1	2.267	142.5	1.9	1.9	0.4
1561	10/19/2014 15:31:12	17.26			11.43	8.00	3.9	2.230	142.9	2.5	2.5	0.6
1562	10/19/2014 15:46:12	17.35			11.52	8.01	3.6	2.225	144.2	2.6	2.6	0.6
1563	10/19/2014 16:01:12	17.41			11.44	8.01	3.2	2.190	143.4	1.9	1.9	0.4
1564	10/19/2014 16:16:12	17.46			11.34	8.00	4.3	2.189	142.4	2.7	2.7	0.6
1565	10/19/2014 16:31:12	17.18			11.33	7.99	3.6	2.199	141.6	1.7	1.7	0.4
1566	10/19/2014 16:46:12	17.10			11.27	7.99	3.3	2.232	140.5	1.8	1.8	0.4
1567	10/19/2014 17:01:11	17.09			11.27	7.98	3.8	2.263	140.5	2.4	2.4	0.6
1568	10/19/2014 17:16:12	17.11			11.20	7.98	4.5	2.309	139.7	2.4	2.4	0.6
1569	10/19/2014 17:31:12	17.25			11.12	7.96	6.4	2.366	138.9	3.1	3.1	0.7
1570	10/19/2014 17:46:12	17.14			11.00	7.95	6.1	2.428	137.2	2.8	2.8	0.7
1571	10/19/2014 18:01:12	16.97			11.01	7.95	4.8	2.488	136.9	2.6	2.6	0.6
1572	10/19/2014 18:16:12	16.83			10.99	7.95	4.5	2.556	136.4	2.6	2.6	0.6
1573	10/19/2014 18:31:11	16.70			10.94	7.94	4.5	2.624	135.4	2.7	2.7	0.6
1574	10/19/2014 18:46:12	16.34			10.83	7.94	4.5	2.681	133.1	2.5	2.5	0.6
1575	10/19/2014 19:01:12	16.19			10.82	7.93	4.2	2.756	132.6	2.5	2.5	0.6
1576	10/19/2014 19:16:12	16.05			10.71	7.92	4.0	2.817	131.1	3.1	3.1	0.7
1577	10/19/2014 19:31:12	15.99			10.66	7.92	4.2	2.883	130.1	2.5	2.5	0.6
1578	10/19/2014 19:46:12	15.88			10.69	7.92	4.2	2.958	130.0	3.1	3.1	0.7
1579	10/19/2014 20:01:12	15.66			10.74	7.93	4.0	3.015	130.3	3.7	3.7	0.9
1580	10/19/2014 20:16:12	15.50			10.78	7.93	3.7	3.091	130.2	2.2	2.2	0.5
1581	10/19/2014 20:31:12	15.37			10.76	7.94	3.7	3.155	130.0	2.6	2.6	0.6
1582	10/19/2014 20:46:12	15.27			10.79	7.94	3.5	3.204	130.1	2.4	2.4	0.6
1583	10/19/2014 21:01:12	15.20			10.82	7.95	3.3	3.261	130.3	3.0	3.0	0.7
1584	10/19/2014 21:16:12	15.12			10.90	7.96	3.3	3.325	131.1	2.6	2.6	0.6
1585	10/19/2014 21:31:12	15.06			10.97	7.97	2.9	3.363	131.8	3.7	3.7	0.9
1586	10/19/2014 21:46:12	15.03			11.08	7.96	2.9	3.400	133.0	3.2	3.2	0.8
1587	10/19/2014 22:01:12	14.97			11.00	7.97	3.0	3.408	131.6	3.3	3.3	0.8
1588	10/19/2014 22:16:12	15.19			10.69	7.95	2.9	3.434	128.8	2.7	2.7	0.6
1589	10/19/2014 22:31:11	15.10			10.71	7.95	2.6	3.419	129.2	3.5	3.5	0.8
1590	10/19/2014 22:46:12	15.00			10.85	7.97	2.8	3.393	130.5	2.5	2.5	0.6
1591	10/19/2014 23:01:12	15.10			10.74	7.96	2.7	3.333	129.4	2.6	2.6	0.6
1592	10/19/2014 23:16:12	15.34			10.61	7.94	2.9	3.300	128.3	2.6	2.6	0.6
1593	10/19/2014 23:31:12	15.73			10.41	7.92	5.6	3.243	126.7	2.3	2.3	0.5
1594	10/19/2014 23:46:12	15.55			10.52	7.93	5.2	3.150	127.2	3.2	3.2	0.8
1595	10/20/2014 0:01:12	15.69			10.43	7.93	5.7	3.074	126.8	2.6	2.6	0.6
1596	10/20/2014 0:16:12	15.92			10.39	7.93	5.4	3.004	127.1	2.6	2.6	0.6
1597	10/20/2014 0:31:12	16.05			10.33	7.92	5.3	2.933	126.4	2.0	2.0	0.5
1598	10/20/2014 0:46:12	16.14			10.34	7.93	4.6	2.851	126.3	6.2	6.1	1.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
1599	10/20/2014 1:01:12	16.14			10.43	7.93	4.2	2.789	127.5	2.5	2.5	0.6
1600	10/20/2014 1:16:12	16.19			10.40	7.93	4.1	2.695	127.2	2.3	2.3	0.6
1601	10/20/2014 1:31:12	16.32			10.32	7.93	4.3	2.633	126.5	2.0	2.0	0.5
1602	10/20/2014 1:46:12	16.41			10.31	7.93	4.2	2.546	126.8	1.8	1.8	0.4
1603	10/20/2014 2:01:12	16.43			10.36	7.94	4.7	2.481	127.2	2.3	2.3	0.5
1604	10/20/2014 2:16:12	16.43			10.39	7.94	4.7	2.418	127.5	2.5	2.5	0.6
1605	10/20/2014 2:31:11	16.43			10.45	7.95	4.8	2.334	128.3	2.3	2.3	0.5
1606	10/20/2014 2:46:12	16.27			10.35	7.94	7.4	2.267	126.5	2.1	2.1	0.5
1607	10/20/2014 3:01:12	16.36			10.43	7.95	4.7	2.208	128.0	2.4	2.4	0.6
1608	10/20/2014 3:16:12	16.38			10.48	7.95	4.5	2.155	128.6	2.7	2.7	0.6
1609	10/20/2014 3:31:12	16.54			10.49	7.96	4.4	2.091	129.3	2.2	2.2	0.5
1610	10/20/2014 3:46:12	16.75			10.52	7.97	3.7	2.055	130.0	2.4	2.4	0.6
1611	10/20/2014 4:01:12	16.85			10.55	7.98	3.8	2.074	130.7	2.3	2.3	0.5
1612	10/20/2014 4:16:12	16.97			10.36	7.97	3.9	2.036	128.9	2.1	2.1	0.5
1613	10/20/2014 4:31:12	17.01			10.41	7.98	3.9	2.054	129.7	2.4	2.4	0.6
1614	10/20/2014 4:46:12	16.85			10.41	7.97	3.8	2.061	129.1	2.2	2.2	0.5
1615	10/20/2014 5:01:12	16.78			10.37	7.96	8.3	2.107	128.4	2.3	2.3	0.6
1616	10/20/2014 5:16:12	16.75			10.40	7.96	4.5	2.157	128.7	2.4	2.4	0.6
1617	10/20/2014 5:31:12	16.68			10.38	7.95	5.4	2.215	128.1	2.5	2.5	0.6
1618	10/20/2014 5:46:12	16.73			10.23	7.93	7.6	2.286	126.5	2.5	2.5	0.6
1619	10/20/2014 6:01:12	16.65			10.24	7.93	6.2	2.366	126.4	2.4	2.4	0.6
1620	10/20/2014 6:16:12	16.55			10.22	7.93	5.3	2.439	126.1	2.9	2.9	0.7
1621	10/20/2014 6:31:12	16.51			10.19	7.92	5.4	2.511	125.6	2.2	2.2	0.5
1622	10/20/2014 6:46:11	16.40			10.20	7.91	4.9	2.559	125.0	2.7	2.7	0.6
1623	10/20/2014 7:01:12	16.29			10.17	7.91	5.5	2.655	124.5	2.5	2.5	0.6
1624	10/20/2014 7:16:12	16.15			10.20	7.91	5.1	2.745	124.5	2.4	2.4	0.6
1625	10/20/2014 7:31:13	16.11			10.16	7.91	5.0	2.803	124.3	2.4	2.4	0.6
1626	10/20/2014 7:46:12	16.02			10.18	7.91	5.5	2.875	124.2	2.7	2.7	0.6
1627	10/20/2014 8:01:12	15.88			10.18	7.91	5.4	2.983	124.0	2.4	2.4	0.6
1628	10/20/2014 8:16:12	15.69			10.20	7.92	5.7	3.097	124.1	2.3	2.3	0.5
1629	10/20/2014 8:31:12	15.58			10.25	7.93	5.9	3.125	124.3	1.8	1.8	0.4
1630	10/20/2014 8:46:12	15.46			10.32	7.93	5.8	3.265	124.6	2.5	2.5	0.6
1631	10/20/2014 9:01:12	15.25			10.44	7.95	5.9	3.321	125.5	2.8	2.8	0.7
1632	10/20/2014 9:16:12	15.09			10.56	7.96	5.3	3.391	126.5	2.8	2.8	0.7
1633	10/20/2014 9:31:12	14.91			10.68	7.98	5.3	3.471	127.8	2.9	2.9	0.7
1634	10/20/2014 9:46:11	14.85			10.69	7.99	4.9	3.549	128.5	2.9	2.9	0.7
1635	10/20/2014 10:01:12	14.76			10.84	8.01	3.4	3.573	129.8	2.7	2.7	0.6
1636	10/20/2014 10:16:11	14.68			10.92	8.02	2.9	3.619	130.9	3.2	3.2	0.8
1637	10/20/2014 10:31:12	14.67			10.75	8.01	11.5	3.630	128.7	2.7	2.7	0.6
1638	10/20/2014 10:46:12	14.81			10.57	8.00	30.3	3.649	125.9	2.6	2.6	0.6
1639	10/20/2014 11:01:12	14.75			10.54	8.00	15.3	3.641	125.8	2.0	2.0	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
1640	10/20/2014 11:16:12	14.70			10.77	8.01	3.8	3.590	128.2	2.3	2.3	0.5
1641	10/20/2014 11:31:11	14.77			10.71	8.01		3.538	127.6	2.5	2.5	0.6
1642	10/20/2014 11:46:11	15.01			10.57	7.99		3.508	126.5	1.6	1.6	0.4
1643	10/20/2014 12:01:12	15.70			10.59	7.97	5.7	3.415	128.5	7.1	7.0	1.7
1644	10/20/2014 12:16:12	15.54			10.73	7.99	4.4	3.321	129.8	2.5	2.5	0.6
1645	10/20/2014 12:31:12	15.73			10.67	7.98	4.2	3.248	130.0	2.1	2.1	0.5
1646	10/20/2014 12:46:12	15.90			10.41	7.96	4.3	3.201	127.2	2.2	2.2	0.5
1647	10/20/2014 13:01:12	15.96			10.49	7.96	4.2	3.085	127.8	2.3	2.3	0.5
1648	10/20/2014 13:16:12	16.04			10.48	7.96	24.7	3.023	127.9	2.2	2.2	0.5
1649	10/20/2014 13:31:12	16.14			10.41	7.95	4.0	2.906	127.2	2.2	2.2	0.5
1650	10/20/2014 13:46:12	16.27			10.46	7.95	4.7	2.838	128.1	2.3	2.3	0.5
1651	10/20/2014 14:01:12	16.48			10.47	7.96	5.0	2.748	129.0	2.0	2.0	0.5
1652	10/20/2014 14:16:12	16.49			10.53	7.96	4.3	2.638	129.6	2.0	2.0	0.5
1653	10/20/2014 14:31:12	16.63			10.46	7.96	4.7	2.576	129.3	2.1	2.1	0.5
1654	10/20/2014 14:46:13	16.63			10.58	7.97	4.7	2.484	130.8	1.9	1.9	0.4
1655	10/20/2014 15:01:12	16.67			10.71	7.98	4.5	2.402	132.2	2.4	2.4	0.6
1656	10/20/2014 15:16:12	16.66			10.77	7.99	4.6	2.327	133.2	2.4	2.4	0.6
1657	10/20/2014 15:31:12	16.71			10.87	8.00	4.8	2.250	134.3	2.6	2.6	0.6
1658	10/20/2014 15:46:12	16.79			10.91	8.01	4.7	2.188	135.3	2.1	2.1	0.5
1659	10/20/2014 16:01:12	16.95			10.98	8.02	4.3	2.157	136.7	2.5	2.5	0.6
1660	10/20/2014 16:16:12	17.15			11.03	8.03	3.8	2.089	137.7	2.3	2.3	0.5
1661	10/20/2014 16:31:12	17.25			11.06	8.04	3.7	2.083	138.7	2.9	2.9	0.7
1662	10/20/2014 16:46:11	17.35			11.02	8.03	3.6	2.038	138.3	2.9	2.9	0.7
1663	10/20/2014 17:01:11	17.35			10.59	8.01	4.3	2.005	133.4	2.1	2.1	0.5
1664	10/20/2014 17:16:11	17.38			10.92	8.03	3.4	1.994	137.1	3.1	3.1	0.7
1665	10/20/2014 17:31:12	17.29			10.87	8.02	4.1	2.033	136.2	2.2	2.2	0.5
1666	10/20/2014 17:46:11	17.23			10.85	8.02	8.5	2.074	136.0	3.1	3.1	0.7
1667	10/20/2014 18:01:12	17.15			10.77	8.01	5.0	2.137	135.0	2.1	2.1	0.5
1668	10/20/2014 18:16:12	17.16			10.65	8.00	5.9	2.184	133.5	2.9	2.9	0.7
1669	10/20/2014 18:31:12	17.27			10.36	7.96	7.8	2.254	129.8	3.4	3.4	0.8
1670	10/20/2014 18:46:12	17.15			10.50	7.97	5.9	2.318	131.4	2.9	2.9	0.7
1671	10/20/2014 19:01:12	17.06			10.50	7.97	5.0	2.441	131.3	3.3	3.3	0.8
1672	10/20/2014 19:16:12	17.00			10.42	7.97	5.5	2.518	130.6	3.4	3.4	0.8
1673	10/20/2014 19:31:12	16.86			10.39	7.96	5.1	2.610	129.7	3.0	3.0	0.7
1674	10/20/2014 19:46:12	16.68			10.35	7.95	5.2	2.664	128.6	3.4	3.4	0.8
1675	10/20/2014 20:01:12	16.56			10.25	7.94	8.0	2.717	126.9	3.2	3.2	0.8
1676	10/20/2014 20:16:12	16.54			10.20	7.94	4.8	2.792	126.0	3.3	3.3	0.8
1677	10/20/2014 20:31:12	16.47			10.20	7.94	5.6	2.875	126.1	2.9	2.9	0.7
1678	10/20/2014 20:46:12	16.35			10.18	7.94	5.3	2.963	125.3	2.7	2.7	0.6
1679	10/20/2014 21:01:12	16.24			10.18	7.94	5.8	3.037	125.2	2.4	2.4	0.6
1680	10/20/2014 21:16:12	16.11			10.21	7.94	4.8	3.117	125.3	2.7	2.7	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
1681	10/20/2014 21:31:12	16.02			10.23	7.95	5.0	3.181	125.5	3.0	3.0	0.7
1682	10/20/2014 21:46:12	15.83			10.32	7.96	4.9	3.262	126.2	2.9	2.9	0.7
1683	10/20/2014 22:01:12	15.66			10.40	7.97	4.8	3.295	127.0	3.5	3.5	0.8
1684	10/20/2014 22:16:12	15.55			10.39	7.98	4.1	3.355	127.0	3.2	3.2	0.8
1685	10/20/2014 22:31:12	15.50			10.48	7.98	3.6	3.405	127.2	3.4	3.4	0.8
1686	10/20/2014 22:46:12	15.40			10.44	7.99	3.9	3.418	127.1	2.6	2.6	0.6
1687	10/20/2014 23:01:12	15.60			10.22	7.97	3.6	3.453	124.8	4.5	4.5	1.1
1688	10/20/2014 23:16:12	15.47			10.17	7.97	3.2	3.458	123.9	4.2	4.2	1.0
1689	10/20/2014 23:31:12	15.35			10.26	7.99	3.3	3.417	125.0	2.6	2.6	0.6
1690	10/20/2014 23:46:12	15.46			10.20	7.98	3.2	3.370	124.4	2.3	2.3	0.5
1691	10/21/2014 0:01:12	15.55			10.28	7.97	3.9	3.316	125.4	2.1	2.1	0.5
1692	10/21/2014 0:16:12	15.97			10.02	7.93	6.5	3.267	122.6	2.7	2.7	0.6
1693	10/21/2014 0:31:12	15.70			10.28	7.95	5.7	3.196	124.6	2.7	2.7	0.6
1694	10/21/2014 0:46:12	15.74			10.20	7.95	5.4	3.102	124.0	2.7	2.7	0.6
1695	10/21/2014 1:01:12	15.91			10.02	7.93	5.8	3.039	122.3	2.7	2.7	0.6
1696	10/21/2014 1:16:12	16.12			9.94	7.94	5.1	2.976	121.7	2.4	2.4	0.6
1697	10/21/2014 1:31:12	16.15			9.89	7.93	5.3	2.885	121.2	2.7	2.7	0.6
1698	10/21/2014 1:46:12	16.18			9.90	7.94	5.0	2.830	121.5	3.1	3.1	0.7
1699	10/21/2014 2:01:12	16.22			9.77	7.93	5.7	2.727	119.9	2.1	2.1	0.5
1700	10/21/2014 2:16:12	16.24			9.77	7.93	5.8	2.653	120.1	2.6	2.6	0.6
1701	10/21/2014 2:31:12	16.33			9.85	7.94	5.0	2.579	121.4	2.5	2.5	0.6
1702	10/21/2014 2:46:12	16.14			9.83	7.95	6.3	2.507	120.4	3.0	3.0	0.7
1703	10/21/2014 3:01:12	16.28			9.95	7.96	5.8	2.419	122.3	2.5	2.5	0.6
1704	10/21/2014 3:16:12	16.27			9.98	7.96	6.3	2.311	122.5	2.3	2.3	0.5
1705	10/21/2014 3:31:12	16.23			9.97	7.96	6.5	2.243	122.4	2.4	2.4	0.6
1706	10/21/2014 3:46:12	16.32			9.95	7.96	5.7	2.239	122.4	2.6	2.6	0.6
1707	10/21/2014 4:01:12	16.30			9.93	7.97	5.9	2.158	121.9	2.2	2.2	0.5
1708	10/21/2014 4:16:12	16.37			9.90	7.97	4.9	2.108	121.8	2.5	2.5	0.6
1709	10/21/2014 4:31:12	16.45			9.93	7.98	4.3	2.075	122.3	2.1	2.1	0.5
1710	10/21/2014 4:46:12	16.55			9.92	7.98	3.9	2.053	122.7	2.6	2.6	0.6
1711	10/21/2014 5:01:12	16.56			9.70	7.98	3.8	2.058	120.3	2.4	2.4	0.6
1712	10/21/2014 5:16:12	16.55			9.83	7.98	3.5	2.063	121.3	2.8	2.8	0.7
1713	10/21/2014 5:31:12	16.49			9.83	7.98	3.7	2.085	121.6	2.6	2.6	0.6
1714	10/21/2014 5:46:12	16.46			9.83	7.97	4.3	2.137	121.4	2.9	2.9	0.7
1715	10/21/2014 6:01:12	16.47			9.81	7.96	4.8	2.203	121.1	2.3	2.3	0.5
1716	10/21/2014 6:16:12	16.43			9.74	7.95	5.0	2.264	120.4	2.4	2.4	0.6
1717	10/21/2014 6:31:12	16.37			9.48	7.91	6.8	2.359	116.8	2.9	2.9	0.7
1718	10/21/2014 6:46:12	16.36			9.55	7.92	5.9	2.430	117.7	2.7	2.7	0.6
1719	10/21/2014 7:01:12	16.37			9.64	7.93	5.7	2.487	118.7	2.7	2.7	0.6
1720	10/21/2014 7:16:11	16.32			9.68	7.93	5.4	2.566	119.0	2.6	2.6	0.6
1721	10/21/2014 7:31:12	16.25			9.65	7.92	5.1	2.646	118.5	2.2	2.2	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
1722	10/21/2014 7:46:12	16.18			9.68	7.92	5.1	2.736	118.9	2.6	2.6	0.6
1723	10/21/2014 8:01:12	16.13			9.76	7.92	5.2	2.809	119.6	2.6	2.6	0.6
1724	10/21/2014 8:16:12	16.12			9.79	7.92	5.3	2.897	119.7	2.3	2.3	0.5
1725	10/21/2014 8:31:12	16.06			9.78	7.92	6.1	2.977	119.6	2.8	2.8	0.7
1726	10/21/2014 8:46:12	15.93			9.82	7.93	6.5	3.066	120.0	2.1	2.1	0.5
1727	10/21/2014 9:01:12	15.83			9.88	7.94	6.5	3.147	120.4	2.6	2.6	0.6
1728	10/21/2014 9:16:12	15.76			9.90	7.94	6.5	3.249	120.6	2.3	2.3	0.5
1729	10/21/2014 9:31:12	15.49			10.09	7.97	7.2	3.320	122.2	2.8	2.8	0.7
1730	10/21/2014 9:46:12	15.31			10.24	7.98	6.8	3.447	123.5	3.3	3.3	0.8
1731	10/21/2014 10:01:12	15.10			10.39	8.00	7.5	3.498	125.0	3.0	3.0	0.7
1732	10/21/2014 10:16:12	14.98			10.53	8.02	5.2	3.575	126.3	3.1	3.1	0.7
1733	10/21/2014 10:31:12	14.88			10.63	8.03	4.5	3.631	127.6	3.2	3.2	0.7
1734	10/21/2014 10:46:12	14.94			10.62	8.03	4.3	3.699	127.6	2.7	2.7	0.6
1735	10/21/2014 11:01:12	14.78			10.69	8.04	3.8	3.716	128.1	2.9	2.9	0.7
1736	10/21/2014 11:16:11	14.91			10.53	8.02	3.3	3.715	126.2	2.5	2.5	0.6
1737	10/21/2014 11:31:12	14.87			10.48	8.03	3.7	3.704	125.6	2.1	2.1	0.5
1738	10/21/2014 11:46:12	14.79			10.69	8.04	7.9	3.696	128.0	2.8	2.8	0.7
1739	10/21/2014 12:01:12	14.87			10.61	8.03	3.6	3.640	126.3	2.4	2.4	0.6
1740	10/21/2014 12:16:12	15.13			10.47	8.02	4.2	3.587	125.6	3.3	3.3	0.8
1741	10/21/2014 12:31:12	15.64			10.59	8.02	5.2	3.490	128.2	3.9	3.9	0.9
1742	10/21/2014 12:46:12	15.52			10.62	8.02	4.8	3.409	128.2	3.1	3.1	0.7
1743	10/21/2014 13:01:12	15.83			10.43	8.00	4.5	3.289	126.9	2.9	2.9	0.7
1744	10/21/2014 13:16:12	15.89			10.36	7.99	5.1	3.206	125.8	2.3	2.3	0.5
1745	10/21/2014 13:31:12	15.97			10.37	7.98	4.8	3.100	126.1	2.2	2.2	0.5
1746	10/21/2014 13:46:12	16.06			10.34	7.98	4.3	3.000	126.0	2.0	2.0	0.5
1747	10/21/2014 14:01:12	16.19			10.30	7.97	4.2	2.908	126.2	2.2	2.2	0.5
1748	10/21/2014 14:16:12	16.33			10.37	7.97	4.1	2.811	126.8	2.6	2.6	0.6
1749	10/21/2014 14:31:12	16.41			10.38	7.97	4.0	2.700	127.6	2.2	2.2	0.5
1750	10/21/2014 14:46:12	16.46			10.44	7.98	4.7	2.591	128.1	2.2	2.2	0.5
1751	10/21/2014 15:01:12	16.45			10.44	7.98	4.6	2.502	128.6	1.9	1.9	0.4
1752	10/21/2014 15:16:12	16.43			10.64	8.00	4.5	2.412	130.7	2.4	2.4	0.6
1753	10/21/2014 15:31:12	16.44			10.80	8.02	4.4	2.294	132.7	2.1	2.1	0.5
1754	10/21/2014 15:46:12	16.47			10.84	8.02	4.4	2.221	133.1	2.9	2.9	0.7
1755	10/21/2014 16:01:12	16.54			10.90	8.03	4.5	2.119	134.1	2.9	2.9	0.7
1756	10/21/2014 16:16:12	16.61			10.92	8.03	4.2	2.035	134.5	2.7	2.7	0.6
1757	10/21/2014 16:31:12	16.68			11.02	8.04	4.2	1.972	135.8	2.5	2.5	0.6
1758	10/21/2014 16:46:12	16.71			11.03	8.04	4.4	1.921	136.1	2.4	2.4	0.6
1759	10/21/2014 17:01:12	16.79			11.12	8.05	4.0	1.877	137.1	2.9	2.9	0.7
1760	10/21/2014 17:16:12	16.82			11.10	8.05	3.7	1.855	137.1	2.7	2.7	0.6
1761	10/21/2014 17:31:11	16.83			11.07	8.05	3.4	1.843	136.9	2.6	2.6	0.6
1762	10/21/2014 17:46:12	16.89			11.15	8.06	2.9	1.858	137.9	2.4	2.4	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
1763	10/21/2014 18:01:12	16.87			11.15	8.06	3.1	1.877	137.7	2.7	2.7	0.6
1764	10/21/2014 18:16:12	16.85			11.02	8.05	3.6	1.938	136.2	2.4	2.4	0.6
1765	10/21/2014 18:31:12	16.83			11.00	8.05	3.6	1.996	135.6	2.2	2.2	0.5
1766	10/21/2014 18:46:11	16.83			10.67	8.01	6.7	2.085	131.4	3.5	3.5	0.8
1767	10/21/2014 19:01:12	16.83			10.39	7.98	7.0	2.165	128.2	3.6	3.6	0.8
1768	10/21/2014 19:16:12	16.80			10.49	7.99	5.9	2.252	130.0	3.4	3.4	0.8
1769	10/21/2014 19:31:12	16.76			10.41	7.99	5.3	2.327	130.1	3.2	3.2	0.7
1770	10/21/2014 19:46:12	16.73			10.59	7.99	5.0	2.408	129.3	3.1	3.1	0.7
1771	10/21/2014 20:01:12	16.65			10.48	7.98	4.7	2.498	128.7	2.8	2.8	0.7
1772	10/21/2014 20:16:12	16.54			10.31	7.97	4.7	2.558	126.9	2.8	2.8	0.7
1773	10/21/2014 20:31:12	16.45			10.21	7.96	4.7	2.643	124.9	3.2	3.2	0.8
1774	10/21/2014 20:46:12	16.42			10.14	7.95	5.1	2.720	124.4	3.0	3.0	0.7
1775	10/21/2014 21:01:12	16.38			10.12	7.95	5.8	2.799	123.9	3.2	3.2	0.8
1776	10/21/2014 21:16:12	16.26			10.13	7.95	5.4	2.893	123.9	3.7	3.7	0.9
1777	10/21/2014 21:31:12	16.17			10.16	7.96	6.1	2.984	123.9	3.0	3.0	0.7
1778	10/21/2014 21:46:12	16.12			10.17	7.96	6.5	3.041	123.8	3.3	3.3	0.8
1779	10/21/2014 22:01:12	16.01			10.20	7.97	7.2	3.120	124.2	3.2	3.2	0.8
1780	10/21/2014 22:16:12	15.85			10.25	7.98	7.7	3.214	124.8	3.6	3.6	0.8
1781	10/21/2014 22:31:12	15.70			10.34	7.99	6.8	3.268	125.5	3.5	3.5	0.8
1782	10/21/2014 22:46:12	15.54			10.41	8.00	6.5	3.337	126.2	3.8	3.8	0.9
1783	10/21/2014 23:01:12	15.43			10.47	8.01	5.4	3.402	126.7	3.1	3.1	0.7
1784	10/21/2014 23:16:12	15.37			10.57	8.01	4.2	3.454	127.2	4.3	4.3	1.0
1785	10/21/2014 23:31:12	15.30			10.55	8.02	3.7	3.475	126.7	3.3	3.3	0.8
1786	10/21/2014 23:46:12	15.43			10.42	8.00	4.4	3.492	125.0	5.6	5.5	1.3
1787	10/22/2014 0:01:12	15.38			10.32	8.00	3.7	3.497	123.9	4.4	4.4	1.0
1788	10/22/2014 0:16:12	15.28			10.44	8.01		3.468	125.3	2.8	2.8	0.7
1789	10/22/2014 0:31:12	15.34			10.41	8.01	13.1	3.424	125.0	3.0	3.0	0.7
1790	10/22/2014 0:46:12	15.54			10.24	7.99	4.8	3.361	123.6	3.2	3.2	0.7
1791	10/22/2014 1:01:12	15.74			10.05	7.97	17.7	3.290	121.6	3.1	3.1	0.7
1792	10/22/2014 1:16:12	15.64			10.14	7.98	10.8	3.195	122.9	3.0	3.0	0.7
1793	10/22/2014 1:31:12	15.74			10.04	7.97	5.6	3.116	122.2	2.9	2.9	0.7
1794	10/22/2014 1:46:12	15.93			9.94	7.97	4.5	3.044	121.2	2.9	2.9	0.7
1795	10/22/2014 2:01:12	15.98			9.78	7.95		2.944	119.4	3.2	3.2	0.8
1796	10/22/2014 2:16:12	16.07			9.77	7.95		2.865	119.5	2.6	2.6	0.6
1797	10/22/2014 2:31:13	16.11			9.66	7.94	11.1	2.770	118.1	2.4	2.4	0.6
1798	10/22/2014 2:46:12	16.14			9.63	7.94	5.4	2.688	117.8	2.4	2.4	0.6
1799	10/22/2014 3:01:12	16.18			9.63	7.94	16.0	2.615	117.7	2.4	2.4	0.6
1800	10/22/2014 3:16:12	16.19			9.63	7.94		2.531	117.7	2.5	2.5	0.6
1801	10/22/2014 3:31:12	16.19			9.67	7.94	11.7	2.450	118.4	2.9	2.9	0.7
1802	10/22/2014 3:46:12	16.21			9.82	7.95	4.8	2.370	119.6	2.8	2.8	0.7
1803	10/22/2014 4:01:12	16.14			9.73	7.95	6.4	2.299	119.1	2.6	2.6	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
1804	10/22/2014 4:16:12	16.16			9.75	7.95	16.1	2.242	119.3	2.9	2.9	0.7
1805	10/22/2014 4:31:12	16.16			9.75	7.96	9.8	2.163	119.3	2.9	2.9	0.7
1806	10/22/2014 4:46:12	16.17			9.71	7.95	4.3	2.123	119.1	2.7	2.7	0.6
1807	10/22/2014 5:01:12	16.18			9.72	7.95	4.5	2.085	119.2	2.6	2.6	0.6
1808	10/22/2014 5:16:12	16.31			9.79	7.96	3.2	2.087	120.2	2.0	2.0	0.5
1809	10/22/2014 5:31:12	16.34			9.70	7.96	3.4	2.058	119.3	2.3	2.3	0.5
1810	10/22/2014 5:46:12	16.32			9.78	7.97	5.7	2.076	120.2	2.2	2.2	0.5
1811	10/22/2014 6:01:12	16.30			9.79	7.97		2.110	120.4	2.3	2.3	0.6
1812	10/22/2014 6:16:12	16.31			9.76	7.96		2.154	120.0	2.2	2.2	0.5
1813	10/22/2014 6:31:12	16.30			9.76	7.96		2.214	119.8	2.9	2.9	0.7
1814	10/22/2014 6:46:12	16.21			9.62	7.94		2.289	117.9	2.7	2.7	0.6
1815	10/22/2014 7:01:12	16.16			9.52	7.93		2.362	116.6	2.6	2.6	0.6
1816	10/22/2014 7:16:12	16.17			9.59	7.93		2.441	117.3	2.7	2.7	0.6
1817	10/22/2014 7:31:13	16.16			9.59	7.94		2.523	117.3	2.7	2.7	0.6
1818	10/22/2014 7:46:12	16.14			9.59	7.94		2.598	117.2	2.3	2.3	0.5
1819	10/22/2014 8:01:12	16.10			9.63	7.94		2.678	117.6	2.2	2.2	0.5
1820	10/22/2014 8:16:12	16.02			9.70	7.94	5.4	2.762	118.3	2.0	2.0	0.5
1821	10/22/2014 8:31:12	16.01			9.71	7.94	10.0	2.852	118.4	2.4	2.4	0.6
1822	10/22/2014 8:46:12	15.98			9.74	7.95		2.938	118.6	2.7	2.7	0.6
1823	10/22/2014 9:01:12	15.87			9.78	7.95		3.033	119.0	3.0	3.0	0.7
1824	10/22/2014 9:16:12	15.77			9.88	7.96		3.124	119.9	2.7	2.7	0.6
1825	10/22/2014 9:31:12	15.68			9.93	7.97		3.216	120.4	2.7	2.7	0.6
1826	10/22/2014 9:46:12	15.50			10.05	7.99		3.312	121.5	2.8	2.8	0.7
1827	10/22/2014 10:01:12	15.36			10.17	8.00		3.403	122.5	2.4	2.4	0.6
1828	10/22/2014 10:16:12	15.21			10.30	8.02	7.5	3.495	123.7	3.2	3.2	0.8
1829	10/22/2014 10:31:12	15.07			10.43	8.03		3.568	125.0	3.0	3.0	0.7
1830	10/22/2014 10:46:12	14.95			10.50	8.04		3.634	125.7	2.6	2.6	0.6
1831	10/22/2014 11:01:12	14.90			10.53	8.05	9.4	3.700	125.8	2.7	2.7	0.6
1832	10/22/2014 11:16:12	14.87			10.51	8.05		3.754	125.4	2.8	2.8	0.7
1833	10/22/2014 11:31:12	14.88			10.45	8.05		3.769	124.9	2.1	2.1	0.5
1834	10/22/2014 11:46:12	14.92			10.32	8.03		3.796	123.5	2.1	2.1	0.5
1835	10/22/2014 12:01:12	15.06			10.16	8.02		3.802	121.7	2.0	2.0	0.5
1836	10/22/2014 12:16:12	14.93			10.37	8.04		3.768	123.5	2.1	2.1	0.5
1837	10/22/2014 12:31:12	14.95			10.33	8.04		3.709	123.2	2.2	2.2	0.5
1838	10/22/2014 12:46:12	15.09			10.32	8.03		3.648	123.3	2.6	2.6	0.6
1839	10/22/2014 13:01:12	15.27			10.46	8.03		3.550	125.5	3.1	3.1	0.7
1840	10/22/2014 13:16:12	15.34			10.43	8.03		3.455	125.4	2.9	2.9	0.7
1841	10/22/2014 13:31:12	15.56			10.30	8.01	6.2	3.347	124.2	2.5	2.5	0.6
1842	10/22/2014 13:46:12	15.66			10.23	8.00	10.3	3.233	123.4	2.8	2.8	0.7
1843	10/22/2014 14:01:12	15.70			10.18	7.99	4.6	3.127	122.9	3.2	3.2	0.8
1844	10/22/2014 14:16:12	15.80			10.15	7.99	24.6	3.015	122.7	2.8	2.8	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
1845	10/22/2014 14:31:12	15.91			10.13	7.98	7.8	2.915	122.6	3.2	3.2	0.8
1846	10/22/2014 14:46:12	16.04			10.04	7.97	5.7	2.797	122.1	3.0	3.0	0.7
1847	10/22/2014 15:01:11	16.09			10.07	7.97	12.2	2.687	122.4	2.5	2.5	0.6
1848	10/22/2014 15:16:12	16.18			10.04	7.96	13.6	2.577	122.3	2.6	2.6	0.6
1849	10/22/2014 15:31:12	16.15			10.09	7.97	14.6	2.469	122.7	2.5	2.5	0.6
1850	10/22/2014 15:46:12	16.12			10.23	7.99	17.7	2.382	124.4	2.9	2.9	0.7
1851	10/22/2014 16:01:12	16.07			10.29	8.00	11.1	2.261	125.1	3.2	3.2	0.7
1852	10/22/2014 16:16:12	16.10			10.32	8.01	14.1	2.134	125.5	2.6	2.6	0.6
1853	10/22/2014 16:31:12	16.12			10.32	8.01	11.8	2.063	125.5	3.6	3.6	0.9
1854	10/22/2014 16:46:12	16.19			10.30	8.01	12.6	1.956	125.4	3.6	3.6	0.8
1855	10/22/2014 17:01:12	16.24			10.31	8.01	13.1	1.869	125.5	3.5	3.5	0.8
1856	10/22/2014 17:16:12	16.28			10.29	8.01	7.2	1.788	125.3	3.1	3.1	0.7
1857	10/22/2014 17:31:12	16.32			10.26	8.01	6.4	1.747	125.0	3.7	3.7	0.9
1858	10/22/2014 17:46:12	16.39			10.26	8.01	4.6	1.714	125.4	3.1	3.1	0.7
1859	10/22/2014 18:01:12	16.41			10.30	8.00	3.9	1.691	125.9	3.3	3.3	0.8
1860	10/22/2014 18:16:12	16.41			10.12	8.00	4.4	1.700	123.6	3.4	3.4	0.8
1861	10/22/2014 18:31:12	16.39			10.26	8.01	3.9	1.729	125.6	3.2	3.2	0.7
1862	10/22/2014 18:46:12	16.37			10.23	8.00	4.6	1.764	125.1	2.7	2.7	0.6
1863	10/22/2014 19:01:12	16.37			10.21	8.00	4.6	1.830	125.0	3.3	3.3	0.8
1864	10/22/2014 19:16:12	16.35			10.22	8.00	5.2	1.924	124.7	2.9	2.9	0.7
1865	10/22/2014 19:31:12	16.34			9.98	7.95	8.4	2.012	121.5	3.8	3.8	0.9
1866	10/22/2014 19:46:12	16.33			9.95	7.95	7.2	2.105	121.4	4.1	4.1	1.0
1867	10/22/2014 20:01:12	16.31			10.01	7.97	6.2	2.187	122.2	3.3	3.3	0.8
1868	10/22/2014 20:16:12	16.29			9.99	7.97	5.9	2.282	122.0	3.7	3.7	0.9
1869	10/22/2014 20:31:12	16.26			10.00	7.97	5.4	2.379	121.9	3.3	3.3	0.8
1870	10/22/2014 20:46:12	16.20			9.96	7.97	5.1	2.443	121.2	3.2	3.2	0.7
1871	10/22/2014 21:01:12	16.17			9.88	7.96	5.2	2.530	120.1	3.1	3.1	0.7
1872	10/22/2014 21:16:12	16.19			9.82	7.95	5.6	2.625	119.4	3.5	3.5	0.8
1873	10/22/2014 21:31:12	16.19			9.80	7.95	5.7	2.704	119.1	3.3	3.3	0.8
1874	10/22/2014 21:46:12	16.12			9.81	7.95	6.2	2.774	119.1	3.0	3.0	0.7
1875	10/22/2014 22:01:12	16.05			9.84	7.95	6.8	2.866	119.2	3.0	3.0	0.7
1876	10/22/2014 22:16:12	15.98			9.87	7.96	7.2	2.950	119.3	3.5	3.5	0.8
1877	10/22/2014 22:31:12	15.85			9.93	7.97	7.6	3.023	119.9	3.5	3.5	0.8
1878	10/22/2014 22:46:12	15.73			9.98	7.98	8.1	3.115	120.3	3.2	3.2	0.8
1879	10/22/2014 23:01:13	15.60			10.04	7.99	8.4	3.216	120.7	3.1	3.1	0.7
1880	10/22/2014 23:16:12	15.47			10.11	8.00	8.1	3.293	121.2	3.5	3.5	0.8
1881	10/22/2014 23:31:12	15.30			10.19	8.02	6.9	3.341	122.0	2.8	2.8	0.7
1882	10/22/2014 23:46:12	15.22			10.23	8.02	6.4	3.433	122.4	3.5	3.5	0.8
1883	10/23/2014 0:01:12	15.16			10.27	8.03	5.1	3.489	122.6	2.9	2.9	0.7
1884	10/23/2014 0:16:12	15.12			10.26	8.03	4.4	3.502	122.5	3.2	3.2	0.8
1885	10/23/2014 0:31:12	15.09			10.25	8.03	3.9	3.527	122.4	2.7	2.7	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
1886	10/23/2014 0:46:12	15.26			10.04	8.01	4.4	3.533	120.2	2.4	2.4	0.6
1887	10/23/2014 1:01:12	15.09			10.10	8.02	3.9	3.509	120.5	2.6	2.6	0.6
1888	10/23/2014 1:16:12	15.09			10.18	8.03	4.5	3.458	121.4	2.8	2.8	0.7
1889	10/23/2014 1:31:12	15.58			9.85	7.98	6.2	3.405	118.3			
1890	10/23/2014 1:46:13	15.73			9.81	7.97	7.0	3.295	118.1	2.9	2.9	0.7
1891	10/23/2014 2:01:12	15.61			9.89	7.98	9.5	3.233	118.8	3.1	3.1	0.7
1892	10/23/2014 2:16:12	15.66			9.82	7.97	10.0	3.157	118.2	3.1	3.1	0.7
1893	10/23/2014 2:31:12	15.67			9.85	7.98	7.6	3.038	119.1	3.2	3.2	0.8
1894	10/23/2014 2:46:12	15.72			9.84	7.97	5.9	2.970	118.5	2.7	2.7	0.6
1895	10/23/2014 3:01:12	15.80			9.77	7.97	5.7	2.874	117.8	3.0	3.0	0.7
1896	10/23/2014 3:16:12	15.86			9.68	7.96	5.4	2.783	116.9	3.8	3.8	0.9
1897	10/23/2014 3:31:13	15.95			9.56	7.94	6.2	2.690	115.8	2.9	2.9	0.7
1898	10/23/2014 3:46:12	16.02			9.38	7.92	6.5	2.604	113.7	2.4	2.4	0.6
1899	10/23/2014 4:01:12	16.03			9.37	7.92	5.6	2.544	113.7	2.5	2.5	0.6
1900	10/23/2014 4:16:12	16.05			9.31	7.92	5.7	2.480	113.0	2.9	2.9	0.7
1901	10/23/2014 4:31:12	16.06			9.36	7.93	4.9	2.397	113.7	2.7	2.7	0.6
1902	10/23/2014 4:46:12	16.08			9.33	7.93	5.3	2.331	113.5	3.0	3.0	0.7
1903	10/23/2014 5:01:12	16.09			9.34	7.92	5.1	2.293	113.5	2.6	2.6	0.6
1904	10/23/2014 5:16:12	16.08			9.28	7.92	4.8	2.229	112.9	2.0	2.0	0.5
1905	10/23/2014 5:31:12	16.10			9.28	7.92	4.8	2.163	113.0	2.5	2.5	0.6
1906	10/23/2014 5:46:12	16.11			9.26	7.91	4.8	2.167	112.9	3.6	3.6	0.8
1907	10/23/2014 6:01:12	16.11			9.19	7.91	4.0	2.138	112.1	2.4	2.4	0.6
1908	10/23/2014 6:16:12	16.10			9.33	7.92	4.2	2.167	113.5	2.4	2.4	0.6
1909	10/23/2014 6:31:12	16.09			9.36	7.92	4.5	2.189	113.8	2.0	2.0	0.5
1910	10/23/2014 6:46:12	16.08			9.44	7.92	5.0	2.227	114.3	2.8	2.8	0.7
1911	10/23/2014 7:01:12	16.07			9.48	7.92	5.3	2.291	114.8	2.6	2.6	0.6
1912	10/23/2014 7:16:12	16.03			9.47	7.91	7.7	2.354	115.1	2.6	2.6	0.6
1913	10/23/2014 7:31:12	16.02			9.53	7.91	6.2	2.420	115.1	2.4	2.4	0.6
1914	10/23/2014 7:46:12	16.02			9.56	7.92	6.1	2.509	115.7	2.7	2.7	0.6
1915	10/23/2014 8:01:12	15.99			9.55	7.92	5.9	2.596	115.9	2.1	2.1	0.5
1916	10/23/2014 8:16:12	15.96			9.62	7.93	6.2	2.666	116.5	2.6	2.6	0.6
1917	10/23/2014 8:31:12	15.87			9.72	7.94	5.8	2.756	117.6	2.2	2.2	0.5
1918	10/23/2014 8:46:12	15.84			9.79	7.94	6.3	2.844	118.3	3.0	3.0	0.7
1919	10/23/2014 9:01:12	15.85			9.78	7.94	6.6	2.928	118.4	2.3	2.3	0.5
1920	10/23/2014 9:16:12	15.84			9.82	7.94	7.8	3.027	118.6	3.0	3.0	0.7
1921	10/23/2014 9:31:12	15.73			9.87	7.95	8.3	3.118	119.1	2.6	2.6	0.6
1922	10/23/2014 9:46:12	15.60			9.96	7.97	8.6	3.206	119.9	2.6	2.6	0.6
1923	10/23/2014 10:01:12	15.53			9.99	7.98	9.6	3.298	120.4	2.7	2.7	0.6
1924	10/23/2014 10:16:12	15.34			10.15	7.99	10.0	3.420	121.3	2.5	2.5	0.6
1925	10/23/2014 10:31:12	15.21			10.23	8.01	9.9	3.503	122.0	2.6	2.6	0.6
1926	10/23/2014 10:46:12	15.10			10.35	8.02	7.8	3.582	123.2	1.9	1.9	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
1927	10/23/2014 11:01:12	14.99			10.40	8.03	6.9	3.666	123.5	3.4	3.4	0.8
1928	10/23/2014 11:16:12	14.89			10.42	8.05	5.9	3.734	123.8	2.4	2.4	0.6
1929	10/23/2014 11:31:12	14.83			10.49	8.05	5.0	3.784	124.5	2.3	2.3	0.5
1930	10/23/2014 11:46:13	14.80			10.47	8.06	3.8	3.830	124.4	2.1	2.1	0.5
1931	10/23/2014 12:01:12	14.81			10.42	8.05	3.9	3.871	123.8	2.3	2.3	0.5
1932	10/23/2014 12:16:13	14.98			10.21	8.03	4.9	3.881	121.5	1.8	1.8	0.4
1933	10/23/2014 12:31:12	14.86			10.26	8.04	4.3	3.849	121.8	2.1	2.1	0.5
1934	10/23/2014 12:46:12	14.84			10.38	8.05	5.0	3.814	122.8	2.0	2.0	0.5
1935	10/23/2014 13:01:12	15.05			10.25	8.03	5.1	3.757	121.8	2.1	2.1	0.5
1936	10/23/2014 13:16:12	15.09			10.30	8.03	5.9	3.679	122.5	2.4	2.4	0.6
1937	10/23/2014 13:31:12	15.10			10.30	8.03	5.7	3.573	122.4	2.8	2.8	0.6
1938	10/23/2014 13:46:12	15.24			10.18	8.01	5.5	3.485	121.2	3.3	3.3	0.8
1939	10/23/2014 14:01:12	15.48			9.99	7.98	5.8	3.367	119.4	2.8	2.8	0.6
1940	10/23/2014 14:16:12	15.47			9.98	7.98	5.1	3.252	119.3	2.5	2.5	0.6
1941	10/23/2014 14:31:12	15.53			9.88	7.97	5.2	3.140	118.2	4.2	4.2	1.0
1942	10/23/2014 14:46:12	15.62			9.81	7.96	8.4	3.023	117.6	2.3	2.3	0.5
1943	10/23/2014 15:01:12	15.77			9.62	7.94	4.9	2.904	115.7	2.5	2.5	0.6
1944	10/23/2014 15:16:12	15.83			9.52	7.93	5.4	2.782	114.6	3.1	3.1	0.7
1945	10/23/2014 15:31:12	15.84			9.50	7.92	6.2	2.670	115.0	3.1	3.1	0.7
1946	10/23/2014 15:46:12	15.73			9.66	7.94	5.5	2.558	116.4	2.8	2.8	0.7
1947	10/23/2014 16:01:12	15.81			9.65	7.95	5.9	2.433	116.9	2.9	2.9	0.7
1948	10/23/2014 16:16:12	15.70			9.82	7.96	5.8	2.318	118.3	4.9	4.9	1.1
1949	10/23/2014 16:31:12	15.83			9.77	7.95	5.7	2.205	117.9	3.0	3.0	0.7
1950	10/23/2014 16:46:12	15.93			9.70	7.94	6.1	2.071	117.2	3.5	3.5	0.8
1951	10/23/2014 17:01:11	15.97			9.70	7.94	5.2	1.956	117.3	3.3	3.3	0.8
1952	10/23/2014 17:16:12	16.00			9.62	7.93	5.4	1.860	116.6	3.4	3.4	0.8
1953	10/23/2014 17:31:12	16.02			9.59	7.93	5.1	1.752	116.1	5.1	5.0	1.2
1954	10/23/2014 17:46:12	16.06			9.57	7.93	5.0	1.664	116.1	5.0	5.0	1.2
1955	10/23/2014 18:01:12	16.12			9.46	7.92	4.6	1.592	115.4	3.5	3.5	0.8
1956	10/23/2014 18:16:12	16.12			9.42	7.91	5.0	1.546	114.8	4.7	4.7	1.1
1957	10/23/2014 18:31:12	16.17			9.37	7.91	5.9	1.515	114.4	3.9	3.9	0.9
1958	10/23/2014 18:46:12	16.17			9.29	7.90	4.7	1.550	113.5	3.1	3.1	0.7
1959	10/23/2014 19:01:12	16.21			9.36	7.91	3.7	1.575	114.2	3.2	3.2	0.8
1960	10/23/2014 19:16:12	16.20			9.38	7.91	3.5	1.603	114.5	3.2	3.2	0.8
1961	10/23/2014 19:31:12	16.20			9.26	7.90	3.9	1.687	113.2	3.0	3.0	0.7
1962	10/23/2014 19:46:12	16.18			9.25	7.89	5.2	1.784	112.8	3.0	3.0	0.7
1963	10/23/2014 20:01:12	16.16			9.24	7.89	5.9	1.864	112.7	9.4	9.3	2.2
1964	10/23/2014 20:16:13	16.13			9.24	7.88	6.5	1.967	112.3	3.4	3.4	0.8
1965	10/23/2014 20:31:12	16.11			9.26	7.88	5.7	2.073	112.4	4.9	4.9	1.1
1966	10/23/2014 20:46:12	16.11			9.30	7.89	5.4	2.165	113.1	4.9	4.9	1.1
1967	10/23/2014 21:01:12	16.07			9.30	7.90	5.6	2.244	113.3	5.4	5.3	1.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
1968	10/23/2014 21:16:12	16.04			9.31	7.90	5.7	2.336	113.4	6.3	6.2	1.5
1969	10/23/2014 21:31:12	16.02			9.40	7.91	5.9	2.446	113.9	10.6	10.5	2.5
1970	10/23/2014 21:46:12	15.99			9.46	7.91	6.1	2.517	114.3	4.5	4.5	1.1
1971	10/23/2014 22:01:12	15.99			9.45	7.91	6.5	2.613	114.2	3.4	3.4	0.8
1972	10/23/2014 22:16:12	15.92			9.49	7.91	7.0	2.701	114.5	3.4	3.4	0.8
1973	10/23/2014 22:31:12	15.85			9.50	7.92	8.3	2.790	114.7	4.9	4.9	1.2
1974	10/23/2014 22:46:12	15.81			9.54	7.92	8.4	2.883	114.9	4.5	4.5	1.1
1975	10/23/2014 23:01:12	15.72			9.61	7.94	11.3	2.972	115.5	3.1	3.1	0.7
1976	10/23/2014 23:16:12	15.63			9.66	7.95	10.6	3.059	116.1	3.1	3.1	0.7
1977	10/23/2014 23:31:12	15.50			9.76	7.96	12.2	3.157	117.1	2.9	2.9	0.7
1978	10/23/2014 23:46:12	15.35			9.89	7.98	10.2	3.236	118.3	3.7	3.7	0.9
1979	10/24/2014 0:01:12	15.27			9.92	7.99	10.3	3.318	118.6	9.3	9.2	2.2
1980	10/24/2014 0:16:12	15.20			9.96	7.99	9.8	3.393	118.9	12.4	12.3	2.9
1981	10/24/2014 0:31:12	15.11			10.01	8.00	8.2	3.446	119.3	6.7	6.6	1.6
1982	10/24/2014 0:46:12	15.04			10.03	8.01	8.3	3.509	119.6	11.0	10.9	2.6
1983	10/24/2014 1:01:12	14.99			10.03	8.01	4.6	3.529	119.5	3.4	3.4	0.8
1984	10/24/2014 1:16:12	15.13			9.75	7.98	5.0	3.549	116.7	3.0	3.0	0.7
1985	10/24/2014 1:31:12	15.04			9.94	7.99	4.9	3.552	117.0	2.6	2.6	0.6
1986	10/24/2014 1:46:12	14.95			10.06	8.01	4.4	3.521	118.5	3.0	3.0	0.7
1987	10/24/2014 2:01:12	15.05			10.03	8.00	5.9	3.456	117.8	3.6	3.6	0.8
1988	10/24/2014 2:16:12	15.29			9.86	7.97	7.3	3.374	116.1	3.0	3.0	0.7
1989	10/24/2014 2:31:12	15.21			9.91	7.98	6.8	3.303	116.6	4.8	4.8	1.1
1990	10/24/2014 2:46:12	15.28			9.90	7.97	6.2	3.216	116.4	4.3	4.3	1.0
1991	10/24/2014 3:01:12	15.50			9.64	7.94	6.2	3.109	113.9	4.4	4.4	1.0
1992	10/24/2014 3:16:12	15.56			9.53	7.93	6.2	3.017	112.6	2.7	2.7	0.6
1993	10/24/2014 3:31:12	15.60			9.44	7.92	6.1	2.930	111.6	2.6	2.6	0.6
1994	10/24/2014 3:46:12	15.65			9.34	7.90	5.7	2.834	110.6	2.8	2.8	0.7
1995	10/24/2014 4:01:12	15.70			9.18	7.88	5.2	2.760	108.7	3.0	3.0	0.7
1996	10/24/2014 4:16:12	15.75			9.04	7.87	4.9	2.675	107.3	2.6	2.6	0.6
1997	10/24/2014 4:31:12	15.76			9.08	7.87	4.7	2.590	107.9	2.6	2.6	0.6
1998	10/24/2014 4:46:12	15.75			9.08	7.87	5.1	2.523	107.8	2.6	2.6	0.6
1999	10/24/2014 5:01:12	15.70			9.13	7.89	5.0	2.449	108.8	12.9	12.8	3.0
2000	10/24/2014 5:16:12	15.65			9.22	7.89	5.0	2.380	109.0	5.0	5.0	1.2
2001	10/24/2014 5:31:12	15.68			9.26	7.89	4.7	2.318	109.6	4.6	4.6	1.1
2002	10/24/2014 5:46:12	15.78			9.18	7.88	4.7	2.267	108.9	5.6	5.5	1.3
2003	10/24/2014 6:01:12	15.67			9.21	7.89	4.5	2.219	109.1	2.3	2.3	0.5
2004	10/24/2014 6:16:12	15.74			9.16	7.88	4.5	2.198	108.6	3.6	3.6	0.8
2005	10/24/2014 6:31:12	15.79			9.08	7.87	4.5	2.180	107.9	2.3	2.3	0.6
2006	10/24/2014 6:46:12	15.67			9.07	7.87	5.4	2.183	107.4	1.9	1.9	0.5
2007	10/24/2014 7:01:12	15.78			9.05	7.87	4.2	2.209	107.4	2.5	2.5	0.6
2008	10/24/2014 7:16:13	15.76			9.05	7.87	4.7	2.242	107.3	2.5	2.5	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.99)	Fluorescence %FS
2009	10/24/2014 7:31:12	15.83			9.03	7.86	4.2	2.289	107.2	6.1	6.0	1.4
2010	10/24/2014 7:46:12	15.79			9.10	7.86	5.7	2.355	107.6	3.5	3.5	0.8
2011	10/24/2014 8:01:12	15.73			9.01	7.85	9.0	2.431	106.5	2.3	2.3	0.5
2012	10/24/2014 8:16:12	15.73			9.09	7.86	6.7	2.522	107.3	2.0	2.0	0.5
2013	10/24/2014 8:31:13	15.72			9.14	7.87	6.0	2.596	107.9	2.1	2.1	0.5
2014	10/24/2014 8:46:12	15.71			9.19	7.88	5.5	2.678	108.5	2.3	2.3	0.5
2015	10/24/2014 9:01:12	15.65			9.32	7.90	5.8	2.761	109.9	2.3	2.3	0.5
2016	10/24/2014 9:16:12	15.58			9.47	7.92	5.8	2.843	111.9	2.1	2.1	0.5
2017	10/24/2014 9:31:12	15.57			9.53	7.93	6.4	2.930	112.6	2.1	2.1	0.5
2018	10/24/2014 9:46:12	15.51			9.60	7.93	7.3	3.026	113.1	1.8	1.8	0.4
2019	10/24/2014 10:01:12	15.41			9.66	7.95	7.5	3.120	114.2	2.1	2.1	0.5
2020	10/24/2014 10:16:12	15.35			9.78	7.96	8.5	3.217	114.8	2.2	2.2	0.5
2021	10/24/2014 10:31:13	15.18			9.93	7.98	9.0	3.316	116.2	2.3	2.3	0.5
2022	10/24/2014 10:46:12	15.05			10.02	8.00	8.7	3.419	117.3	1.9	1.9	0.4
2023	10/24/2014 11:01:12	14.94			10.09	8.01	8.8	3.513	118.1	1.9	1.9	0.4
2024	10/24/2014 11:16:12	14.85			10.16	8.02	9.1	3.600	118.8	2.4	2.4	0.6
2025	10/24/2014 11:31:12	14.77			10.25	8.04	7.3	3.673	119.7	2.0	2.0	0.5
2026	10/24/2014 11:46:13	14.69			10.31	8.05	6.0	3.752	120.1	1.9	1.9	0.4
2027	10/24/2014 12:01:13	14.68			10.36	8.05	4.3	3.817	120.3	2.2	2.2	0.5
2028	10/24/2014 12:16:12	14.73			10.33	8.05	3.9	3.853	120.6	2.8	2.8	0.7
2029	10/24/2014 12:31:12	14.75			10.36	8.05	3.8	3.894	120.8	1.7	1.7	0.4
2030	10/24/2014 12:46:12	14.86			10.14	8.03	4.1	3.911	118.7	2.4	2.4	0.6
Mean		15.69	51.57	33.92	10.25	7.96	5.81	2.71	125.93	3.04	3.01	0.71
Minimum		12.61	48.89	31.96	7.98	7.85	2.10	1.16	97.80	1.10	1.09	0.30
Maximum		19.21	52.17	34.28	12.02	8.11	30.30	4.01	158.30	12.90	12.77	3.00

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

Chlorophyll/Fluorescence displayed as *in vivo* (non-extractive) readings from YSI 6025 chlorophyll probe

Chlorophyll corrected with ratio derived from extractive analysis; Sample collected at 9:30; value = 1.88

Flagged data due to suspect values (i.e., equipment malfunction, interference, etc.)

Data listed as outlier and discarded due to field issues (i.e., equipment malfunction, interference, etc.)

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
0	10/24/2014 13:16:03	14.70	50.23	32.92	8.22	8.00	3.7	3.879	99.2	1.5	0.6	0.4
1	10/24/2014 13:31:03	14.70	50.27	32.95	8.18	8.01	4.1	3.827	98.7	1.3	0.5	0.3
2	10/24/2014 13:46:03	14.80	50.21	32.91	8.14	8.00	4.6	3.755	98.4	1.5	0.6	0.4
3	10/24/2014 14:01:03	15.43	50.03	32.79	8.19	8.00	5.0	3.659	100.1	1.8	0.7	0.4
4	10/24/2014 14:16:03	15.35	50.05	32.81	8.25	8.00	4.4	3.560	100.8	1.4	0.5	0.3
5	10/24/2014 14:31:03	15.59	49.86	32.67	8.09	7.97	5.2	3.458	99.2	1.9	0.7	0.5
6	10/24/2014 14:46:03	15.56	49.78	32.62	8.05	7.97	5.1	3.331	98.6	2.0	0.8	0.5
7	10/24/2014 15:01:03	15.59	49.77	32.60	8.03	7.96	6.4	3.205	98.4	1.9	0.7	0.5
8	10/24/2014 15:16:03	15.74	49.69	32.55	8.02	7.96	5.9	3.081	98.6	1.8	0.7	0.4
9	10/24/2014 15:31:03	15.87	49.64	32.52	8.04	7.95	5.1	2.968	99.0	2.1	0.8	0.5
10	10/24/2014 15:46:03	15.94	49.60	32.49	8.07	7.95	6.2	2.836	99.5	1.8	0.7	0.4
11	10/24/2014 16:01:03	16.01	49.56	32.46	8.09	7.95	7.3	2.723	99.9	1.4	0.5	0.3
12	10/24/2014 16:16:03	16.11	49.50	32.42	8.06	7.95	8.1	2.599	99.7	2.4	0.9	0.6
13	10/24/2014 16:31:03	16.21	49.37	32.33	8.07	7.94	7.6	2.474	99.9	2.0	0.8	0.5
14	10/24/2014 16:46:03	16.20	49.47	32.40	8.05	7.94	9.0	2.345	99.7	2.8	1.1	0.7
15	10/24/2014 17:01:03	16.24	49.34	32.31	8.11	7.95	9.2	2.212	100.5	2.2	0.8	0.5
16	10/24/2014 17:16:03	16.25	49.45	32.38	8.16	7.95	9.7	2.099	101.1	1.9	0.7	0.5
17	10/24/2014 17:31:03	16.32	49.38	32.34	8.16	7.95	9.4	1.974	101.3	2.9	1.1	0.7
18	10/24/2014 17:46:03	16.38	49.33	32.30	8.16	7.95	9.7	1.856	101.4	1.9	0.7	0.4
19	10/24/2014 18:01:03	16.44	49.27	32.26	8.18	7.95	8.7	1.756	101.7	2.3	0.9	0.5
20	10/24/2014 18:16:03	16.48	49.18	32.19	8.15	7.95	10.3	1.660	101.4	3.0	1.1	0.7
21	10/24/2014 18:31:03	16.58	49.08	32.12	8.17	7.94	7.1	1.565	101.8	2.3	0.9	0.5
22	10/24/2014 18:46:03	16.68	48.90	31.99	8.16	7.93	7.8	1.523	101.8	2.9	1.1	0.7
23	10/24/2014 19:01:03	16.73	48.77	31.89	8.13	7.92	6.3	1.492	101.5	2.5	1.0	0.6
24	10/24/2014 19:16:03	16.74	48.77	31.89	8.04	7.91	5.0	1.491	100.4	2.5	1.0	0.6
25	10/24/2014 19:31:03	16.70	48.83	31.94	8.15	7.92	5.7	1.500	101.6	2.2	0.8	0.5
26	10/24/2014 19:46:03	16.68	48.83	31.94	8.18	7.93	4.8	1.556	102.0	2.4	0.9	0.6
27	10/24/2014 20:01:03	16.69	48.84	31.94	8.17	7.92	5.0	1.610	101.9	2.4	0.9	0.6
28	10/24/2014 20:16:03	16.68	48.46	31.67	8.08	7.91	6.2	1.700	100.5	2.3	0.9	0.5
29	10/24/2014 20:31:03	16.67	48.51	31.71	8.06	7.91	6.0	1.797	100.4	1.9	0.7	0.4
30	10/24/2014 20:46:03	16.66	48.31	31.56	7.99	7.90	5.9	1.889	99.4	2.3	0.9	0.6
31	10/24/2014 21:01:03	16.64	48.28	31.54	7.95	7.90	5.7	2.003	98.8	2.5	1.0	0.6
32	10/24/2014 21:16:03	16.63	48.13	31.42	7.92	7.89	5.7	2.089	98.3	2.0	0.8	0.5
33	10/24/2014 21:31:03	16.57	48.63	31.79	7.94	7.90	5.9	2.190	98.7	2.5	1.0	0.6
34	10/24/2014 21:46:03	16.50	48.81	31.92	7.83	7.90	6.0	2.283	97.3	2.6	1.0	0.6
35	10/24/2014 22:01:03	16.47	48.99	32.05	7.71	7.89	6.2	2.373	95.8	2.3	0.9	0.5
36	10/24/2014 22:16:03	16.45	49.05	32.09	7.66	7.88	6.6	2.469	95.1	2.8	1.1	0.7
37	10/24/2014 22:31:03	16.40	49.12	32.14	7.65	7.88	8.3	2.555	95.0	2.3	0.9	0.6
38	10/24/2014 22:46:04	16.29	49.18	32.19	7.67	7.89	8.5	2.644	95.1	2.8	1.1	0.7
39	10/24/2014 23:01:03	16.18	49.24	32.23	7.70	7.90	8.2	2.742	95.2	2.6	1.0	0.6
40	10/24/2014 23:16:03	16.08	49.30	32.28	7.76	7.91	9.9	2.822	95.8	2.5	1.0	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
41	10/24/2014 23:31:03	15.91	49.39	32.34	7.82	7.92	9.8	2.912	96.2	2.6	1.0	0.6
42	10/24/2014 23:46:03	15.74	49.53	32.43	7.88	7.94	10.4	3.011	96.8	2.1	0.8	0.5
43	10/25/2014 0:01:03	15.60	49.57	32.46	7.93	7.95	11.7	3.103	97.1	2.2	0.8	0.5
44	10/25/2014 0:16:03	15.44	49.70	32.55	8.01	7.96	10.8	3.197	97.8	2.3	0.9	0.5
45	10/25/2014 0:31:03	15.32	49.79	32.62	8.04	7.97	11.8	3.292	98.0	1.8	0.7	0.4
46	10/25/2014 0:46:03	15.22	49.88	32.68	8.08	7.98	11.0	3.369	98.4	2.0	0.8	0.5
47	10/25/2014 1:01:03	15.08	49.98	32.75	8.16	8.00	8.7	3.454	99.0	2.1	0.8	0.5
48	10/25/2014 1:16:04	14.89	50.11	32.84	8.26	8.01	7.3	3.517	100.0	2.1	0.8	0.5
49	10/25/2014 1:31:04	14.84	50.15	32.87	8.25	8.02	5.3	3.580	99.7	2.3	0.9	0.5
50	10/25/2014 1:46:04	14.85	50.12	32.85	8.18	8.01	4.2	3.607	99.0	2.0	0.8	0.5
51	10/25/2014 2:01:04	14.99	50.05	32.80	8.04	8.00	5.2	3.637	97.5	1.6	0.6	0.4
52	10/25/2014 2:16:04	14.93	50.08	32.82	8.05	8.00	4.6	3.653	97.5	2.1	0.8	0.5
53	10/25/2014 2:31:04	14.82	50.15	32.87	8.17	8.01	4.8	3.613	98.7	1.5	0.6	0.4
54	10/25/2014 2:46:04	14.97	50.04	32.79	8.05	8.00	5.8	3.533	97.6	2.1	0.8	0.5
55	10/25/2014 3:01:03	15.25	49.69	32.54	7.91	7.97	6.8	3.457	96.3	2.0	0.8	0.5
56	10/25/2014 3:16:03	15.32	49.66	32.52	7.88	7.96	9.8	3.383	96.0	2.2	0.8	0.5
57	10/25/2014 3:31:03	15.29	49.63	32.50	7.93	7.96	8.9	3.299	96.5	2.3	0.9	0.5
58	10/25/2014 3:46:03	15.37	49.57	32.46	7.90	7.95	8.6	3.185	96.3	2.1	0.8	0.5
59	10/25/2014 4:01:03	15.39	49.58	32.46	7.92	7.95	7.7	3.094	96.6	2.2	0.8	0.5
60	10/25/2014 4:16:03	15.50	49.45	32.37	7.85	7.94	9.1	3.021	95.9	2.1	0.8	0.5
61	10/25/2014 4:31:03	15.55	49.40	32.34	7.77	7.93	9.5	2.932	95.0	2.8	1.1	0.7
62	10/25/2014 4:46:03	15.67	49.29	32.26	7.71	7.92	10.7	2.867	94.5	2.2	0.8	0.5
63	10/25/2014 5:01:03	15.68	49.28	32.25	7.68	7.91	10.0	2.762	94.1	2.2	0.8	0.5
64	10/25/2014 5:16:03	15.76	49.14	32.15	7.63	7.90	10.3	2.706	93.6	2.8	1.1	0.7
65	10/25/2014 5:31:03	15.82	49.10	32.12	7.62	7.89	9.4	2.646	93.5	1.9	0.7	0.5
66	10/25/2014 5:46:03	15.84	49.02	32.06	7.59	7.89	10.1	2.576	93.1	2.5	1.0	0.6
67	10/25/2014 6:01:03	15.85	48.92	31.99	7.57	7.88	9.8	2.534	92.9	2.4	0.9	0.6
68	10/25/2014 6:16:03	15.88	48.82	31.92	7.55	7.87	9.5	2.489	92.7	2.5	1.0	0.6
69	10/25/2014 6:31:03	15.87	48.79	31.90	7.53	7.87	10.0	2.456	92.4	2.3	0.9	0.5
70	10/25/2014 6:46:03	15.88	48.67	31.81	7.52	7.87	9.8	2.437	92.3	2.6	1.0	0.6
71	10/25/2014 7:01:03	15.88	48.67	31.81	7.49	7.86	8.7	2.398	91.9	2.5	1.0	0.6
72	10/25/2014 7:16:03	15.88	48.69	31.82	7.47	7.86	9.3	2.420	91.7	2.1	0.8	0.5
73	10/25/2014 7:31:03	15.87	48.75	31.87	7.55	7.87	9.3	2.429	92.6	2.4	0.9	0.6
74	10/25/2014 7:46:03	15.83	48.84	31.93	7.54	7.87	9.0	2.447	92.4	2.2	0.8	0.5
75	10/25/2014 8:01:03	15.84	48.90	31.98	7.56	7.87	8.7	2.495	92.8	1.9	0.7	0.5
76	10/25/2014 8:16:03	15.79	48.91	31.98	7.55	7.87	8.9	2.518	92.5	1.6	0.6	0.4
77	10/25/2014 8:31:03	15.77	49.01	32.06	7.57	7.88	9.1	2.588	92.8	1.8	0.7	0.4
78	10/25/2014 8:46:03	15.70	49.02	32.06	7.59	7.88	10.0	2.647	92.9	2.1	0.8	0.5
79	10/25/2014 9:01:04	15.64	49.06	32.09	7.61	7.89	9.7	2.722	93.0	1.9	0.7	0.4
80	10/25/2014 9:16:04	15.59	49.15	32.16	7.63	7.90	9.4	2.805	93.2	2.0	0.8	0.5
81	10/25/2014 9:31:03	15.50	49.29	32.25	7.68	7.91	9.0	2.870	93.7	1.1	0.4	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
82	10/25/2014 9:46:03	15.57	49.36	32.31	7.76	7.91	8.3	2.973	94.8	2.0	0.8	0.5
83	10/25/2014 10:01:03	15.60	49.35	32.30	7.75	7.91	9.4	3.040	94.8	1.7	0.6	0.4
84	10/25/2014 10:16:04	15.58	49.40	32.33	7.74	7.91	9.9	3.146	94.7	1.7	0.6	0.4
85	10/25/2014 10:31:03	15.47	49.48	32.39	7.78	7.93	9.6	3.230	95.0	2.0	0.8	0.5
86	10/25/2014 10:46:03	15.35	49.55	32.44	7.87	7.94	9.0	3.339	95.9	1.7	0.6	0.4
87	10/25/2014 11:01:03	15.28	49.63	32.50	7.91	7.95	8.0	3.436	96.3	1.8	0.7	0.4
88	10/25/2014 11:16:03	15.11	49.72	32.56	7.98	7.97	7.5	3.468	96.8	1.5	0.6	0.4
89	10/25/2014 11:31:03	14.95	49.88	32.67	8.10	7.99	6.7	3.598	98.0	1.5	0.6	0.3
90	10/25/2014 11:46:04	14.80	50.02	32.77	8.17	8.00	6.8	3.622	98.7	2.1	0.8	0.5
91	10/25/2014 12:01:04	14.72	50.08	32.81	8.21	8.01	6.4	3.741	99.0	1.5	0.6	0.4
92	10/25/2014 12:16:04	14.64	50.12	32.84	8.22	8.02	5.3	3.822	99.0	1.8	0.7	0.4
93	10/25/2014 12:31:04	14.64	50.17	32.88	8.22	8.02	4.4	3.861	99.0	1.9	0.7	0.4
94	10/25/2014 12:46:04	14.64	50.17	32.88	8.24	8.02	4.6	3.918	99.3	1.6	0.6	0.4
95	10/25/2014 13:01:04	14.61	50.21	32.91	8.24	8.02	3.6	3.977	99.2	1.4	0.5	0.3
96	10/25/2014 13:16:04	14.62	50.21	32.91	8.21	8.02	3.4	4.007	98.8	1.5	0.6	0.4
97	10/25/2014 13:31:03	14.69	50.13	32.85	8.14	8.01	3.9	4.009	98.2	1.2	0.5	0.3
98	10/25/2014 13:46:03	14.65	50.17	32.88	8.18	8.02	3.7	4.033	98.5	2.0	0.8	0.5
99	10/25/2014 14:01:03	14.64	50.17	32.88	8.22	8.02	3.4	3.991	99.0	1.7	0.6	0.4
100	10/25/2014 14:16:03	14.69	50.12	32.84	8.19	8.01	3.8	3.930	98.7	1.3	0.5	0.3
101	10/25/2014 14:31:03	14.77	50.00	32.76	8.21	8.01	5.3	3.832	99.1	1.3	0.5	0.3
102	10/25/2014 14:46:04	14.92	49.91	32.70	8.20	8.00	6.1	3.703	99.2	2.0	0.8	0.5
103	10/25/2014 15:01:04	15.12	49.76	32.59	8.10	7.98	5.6	3.626	98.4	1.5	0.6	0.4
104	10/25/2014 15:16:04	15.29	49.59	32.47	8.01	7.96	5.9	3.501	97.4	2.9	1.1	0.7
105	10/25/2014 15:31:03	15.43	49.49	32.40	7.95	7.95	7.2	3.370	97.0	2.2	0.8	0.5
106	10/25/2014 15:46:03	15.44	49.46	32.38	7.96	7.94	6.7	3.260	97.1	1.7	0.6	0.4
107	10/25/2014 16:01:03	15.51	49.40	32.33	7.92	7.93	6.1	3.139	96.8	2.3	0.9	0.5
108	10/25/2014 16:16:03	15.59	49.33	32.28	7.87	7.92	7.6	3.011	96.2	2.0	0.8	0.5
109	10/25/2014 16:31:03	15.61	49.29	32.26	7.87	7.92	6.7	2.889	96.3	2.8	1.1	0.7
110	10/25/2014 16:46:03	15.63	49.22	32.20	7.87	7.92	6.5	2.751	96.2	2.2	0.8	0.5
111	10/25/2014 17:01:03	15.59	49.27	32.24	7.89	7.92	7.9	2.620	96.4	1.9	0.7	0.5
112	10/25/2014 17:16:03	15.57	49.25	32.22	7.87	7.92	6.5	2.499	96.2	2.3	0.9	0.5
113	10/25/2014 17:31:03	15.58	49.26	32.24	7.84	7.92	6.8	2.357	95.8	2.7	1.0	0.6
114	10/25/2014 17:46:03	15.70	49.10	32.12	7.77	7.90	8.0	2.208	95.1	2.1	0.8	0.5
115	10/25/2014 18:01:03	15.84	48.82	31.92	7.67	7.87	10.6	2.094	94.1	2.8	1.1	0.7
116	10/25/2014 18:16:03	15.80	48.74	31.86	7.64	7.87	8.8	1.973	93.6	2.8	1.1	0.7
117	10/25/2014 18:31:03	15.87	48.61	31.77	7.60	7.86	9.4	1.863	93.1	2.3	0.9	0.5
118	10/25/2014 18:46:03	15.86	48.52	31.70	7.57	7.85	9.6	1.743	92.7	3.3	1.3	0.8
119	10/25/2014 19:01:03	15.93	48.32	31.55	7.55	7.84	10.3	1.649	92.5	3.3	1.3	0.8
120	10/25/2014 19:16:03	15.94	48.18	31.46	7.54	7.83	9.2	1.578	92.4	3.0	1.1	0.7
121	10/25/2014 19:31:03	15.93	48.18	31.45	7.51	7.83	10.1	1.520	92.0	3.0	1.1	0.7
122	10/25/2014 19:46:04	15.94	48.18	31.45	7.49	7.83	8.8	1.488	91.8	3.2	1.2	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
123	10/25/2014 20:01:03	15.89	48.20	31.47	7.36	7.82	7.8	1.477	90.2	3.0	1.1	0.7
124	10/25/2014 20:16:03	15.92	48.20	31.47	7.49	7.83	8.4	1.542	91.8	3.2	1.2	0.8
125	10/25/2014 20:31:03	15.92	48.20	31.47	7.50	7.83	7.8	1.595	91.9	2.7	1.0	0.6
126	10/25/2014 20:46:04	15.92	48.22	31.48	7.52	7.83	7.6	1.656	92.1	3.1	1.2	0.7
127	10/25/2014 21:01:03	15.88	47.92	31.26	7.50	7.83	7.9	1.708	91.7	2.9	1.1	0.7
128	10/25/2014 21:16:03	15.90	47.89	31.24	7.52	7.82	8.0	1.845	91.9	2.9	1.1	0.7
129	10/25/2014 21:31:03	15.89	47.57	31.01	7.53	7.82	8.3	1.941	91.9	3.5	1.3	0.8
130	10/25/2014 21:46:03	15.89	47.67	31.08	7.50	7.82	7.6	2.018	91.6	3.4	1.3	0.8
131	10/25/2014 22:01:03	15.90	47.86	31.22	7.51	7.83	7.6	2.126	91.8	3.0	1.1	0.7
132	10/25/2014 22:16:03	15.89	47.92	31.27	7.52	7.83	7.3	2.218	91.9	3.3	1.3	0.8
133	10/25/2014 22:31:03	15.89	48.08	31.38	7.54	7.84	7.8	2.301	92.3	2.8	1.1	0.7
134	10/25/2014 22:46:03	15.89	48.45	31.65	7.57	7.85	8.9	2.392	92.8	2.9	1.1	0.7
135	10/25/2014 23:01:03	15.88	48.62	31.77	7.58	7.86	9.9	2.491	92.9	2.6	1.0	0.6
136	10/25/2014 23:16:03	15.86	48.71	31.84	7.58	7.86	11.4	2.598	92.9	2.9	1.1	0.7
137	10/25/2014 23:31:04	15.81	48.76	31.87	7.59	7.86	10.8	2.679	93.0	2.1	0.8	0.5
138	10/25/2014 23:46:04	15.77	48.68	31.82	7.58	7.86	12.1	2.791	92.7	3.0	1.1	0.7
139	10/26/2014 0:01:04	15.73	48.78	31.89	7.61	7.87	14.9	2.874	93.1	3.2	1.2	0.8
140	10/26/2014 0:16:03	15.72	48.86	31.95	7.62	7.88	15.0	2.970	93.2	2.8	1.1	0.7
141	10/26/2014 0:31:03	15.63	48.93	31.99	7.69	7.89	17.8	3.052	94.0	2.9	1.1	0.7
142	10/26/2014 0:46:03	15.53	49.03	32.06	7.75	7.90	14.5	3.126	94.5	2.8	1.1	0.7
143	10/26/2014 1:01:04	15.41	49.20	32.19	7.82	7.91	16.1	3.230	95.2	2.4	0.9	0.6
144	10/26/2014 1:16:04	15.30	49.28	32.24	7.93	7.93	16.4	3.294	96.4	2.5	1.0	0.6
145	10/26/2014 1:31:03	15.21	49.43	32.35	8.05	7.94	20.0	3.379	97.7	2.3	0.9	0.5
146	10/26/2014 1:46:04	15.16	49.51	32.40	8.16	7.95	14.5	3.445	99.0	2.5	1.0	0.6
147	10/26/2014 2:01:03	15.14	49.58	32.46	8.18	7.96	10.4	3.505	99.3	2.0	0.8	0.5
148	10/26/2014 2:16:04	15.11	49.68	32.53	8.26	7.96	8.8	3.544	100.2	2.0	0.8	0.5
149	10/26/2014 2:31:04	15.10	49.67	32.53	8.16	7.96	5.3	3.526	99.0	1.9	0.7	0.4
150	10/26/2014 2:46:04	15.16	49.47	32.38	7.96	7.94	7.1	3.567	96.6	1.9	0.7	0.4
151	10/26/2014 3:01:03	15.10	49.62	32.49	8.13	7.96	6.8	3.541	98.6	1.9	0.7	0.4
152	10/26/2014 3:16:04	15.12	49.65	32.51	8.12	7.96	8.2	3.496	98.5	1.8	0.7	0.4
153	10/26/2014 3:31:03	15.20	49.43	32.35	7.92	7.93	11.6	3.422	96.1	1.8	0.7	0.4
154	10/26/2014 3:46:04	15.17	49.16	32.15	7.69	7.90	9.7	3.372	93.2	2.6	1.0	0.6
155	10/26/2014 4:01:04	15.15	49.32	32.27	7.84	7.92	7.6	3.272	95.1	2.0	0.8	0.5
156	10/26/2014 4:16:04	15.17	49.28	32.24	7.81	7.92	7.3	3.205	94.7	1.6	0.6	0.4
157	10/26/2014 4:31:04	15.26	49.12	32.13	7.62	7.89	7.3	3.112	92.5	2.2	0.8	0.5
158	10/26/2014 4:46:04	15.30	48.97	32.02	7.48	7.87	7.3	3.043	90.8	2.4	0.9	0.6
159	10/26/2014 5:01:04	15.31	48.85	31.93	7.37	7.85	7.0	2.941	89.4	1.9	0.7	0.4
160	10/26/2014 5:16:04	15.35	48.82	31.91	7.35	7.85	7.1	2.879	89.2	1.7	0.6	0.4
161	10/26/2014 5:31:03	15.28	48.66	31.79	7.24	7.83	7.1	2.823	87.8	2.3	0.9	0.5
162	10/26/2014 5:46:03	15.28	48.58	31.74	7.24	7.83	6.9	2.758	87.7	2.5	1.0	0.6
163	10/26/2014 6:01:03	15.24	48.57	31.73	7.25	7.82	6.4	2.703	87.8	2.3	0.9	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
164	10/26/2014 6:16:04	15.23	48.52	31.69	7.23	7.82	6.7	2.625	87.4	2.3	0.9	0.6
165	10/26/2014 6:31:03	15.28	48.37	31.58	7.25	7.82	7.1	2.582	87.7	2.0	0.8	0.5
166	10/26/2014 6:46:04	15.23	48.26	31.50	7.20	7.81	6.2	2.518	87.0	1.9	0.7	0.4
167	10/26/2014 7:01:04	15.21	48.24	31.48	7.16	7.81	6.2	2.483	86.5	2.7	1.0	0.6
168	10/26/2014 7:16:04	15.20	48.22	31.47	7.11	7.80	5.9	2.457	85.9	2.3	0.9	0.5
169	10/26/2014 7:31:04	15.19	48.11	31.39	7.11	7.80	5.7	2.438	85.8	2.3	0.9	0.6
170	10/26/2014 7:46:04	15.14	48.06	31.35	7.03	7.79	5.2	2.423	84.7	2.0	0.8	0.5
171	10/26/2014 8:01:04	15.15	48.18	31.44	7.12	7.80	6.4	2.425	85.9	2.2	0.8	0.5
172	10/26/2014 8:16:03	15.24	48.30	31.53	7.13	7.81	6.6	2.456	86.1	1.9	0.7	0.4
173	10/26/2014 8:31:04	15.22	48.28	31.52	7.19	7.81	6.8	2.472	86.9	2.2	0.8	0.5
174	10/26/2014 8:46:04	15.17	48.29	31.52	7.14	7.80	7.0	2.534	86.2	1.8	0.7	0.4
175	10/26/2014 9:01:04	15.21	48.27	31.50	7.22	7.81	7.3	2.612	87.3	1.5	0.6	0.4
176	10/26/2014 9:16:04	15.19	48.07	31.36	7.22	7.81	7.0	2.667	87.1	1.7	0.6	0.4
177	10/26/2014 9:31:04	15.26	48.28	31.51	7.26	7.82	7.5	2.753	87.8	1.4	0.5	0.3
178	10/26/2014 9:46:03	15.28	48.44	31.63	7.29	7.83	7.6	2.821	88.2	1.8	0.7	0.4
179	10/26/2014 10:01:03	15.28	48.67	31.80	7.40	7.85	7.8	2.899	89.7	2.0	0.8	0.5
180	10/26/2014 10:16:03	15.27	48.84	31.93	7.55	7.87	7.8	2.993	91.6	1.5	0.6	0.4
181	10/26/2014 10:31:04	15.33	48.98	32.03	7.66	7.88	7.5	3.061	93.0	2.2	0.8	0.5
182	10/26/2014 10:46:03	15.34	49.08	32.10	7.66	7.89	8.1	3.173	93.1	1.7	0.6	0.4
183	10/26/2014 11:01:04	15.33	49.16	32.15	7.74	7.90	9.0	3.237	94.1	2.1	0.8	0.5
184	10/26/2014 11:16:04	15.28	49.32	32.27	7.82	7.91	11.2	3.319	95.1	2.2	0.8	0.5
185	10/26/2014 11:31:04	15.22	49.39	32.32	7.91	7.92	11.7	3.426	96.1	2.3	0.9	0.5
186	10/26/2014 11:46:04	15.20	49.46	32.38	7.99	7.93	10.6	3.519	97.0	1.9	0.7	0.5
187	10/26/2014 12:01:04	15.12	49.62	32.49	8.13	7.96	13.7	3.602	98.6	1.8	0.7	0.4
188	10/26/2014 12:16:03	15.07	49.68	32.53	8.21	7.97	14.6	3.686	99.5	1.8	0.7	0.4
189	10/26/2014 12:31:03	15.05	49.74	32.57	8.30	7.98	13.9	3.752	100.6	2.6	1.0	0.6
190	10/26/2014 12:46:03	15.00	49.81	32.63	8.39	7.99	11.6	3.840	101.6	1.4	0.5	0.3
191	10/26/2014 13:01:04	14.98	49.89	32.68	8.42	8.00	9.5	3.886	101.9	2.0	0.8	0.5
192	10/26/2014 13:16:03	14.98	49.87	32.67	8.39	8.00	8.9	3.928	101.6	1.1	0.4	0.3
193	10/26/2014 13:31:04	15.00	49.91	32.70	8.37	8.00	5.1	3.954	101.4	1.3	0.5	0.3
194	10/26/2014 13:46:03	15.08	49.74	32.57	8.27	7.98	6.2	3.975	100.2	2.0	0.8	0.5
195	10/26/2014 14:01:03	15.02	49.88	32.67	8.28	7.98	8.4	3.955	100.3	1.5	0.6	0.4
196	10/26/2014 14:16:04	15.03	49.84	32.64	8.34	7.99	6.7	3.916	101.1	2.0	0.8	0.5
197	10/26/2014 14:31:03	15.07	49.87	32.67	8.28	7.99	8.2	3.862	100.5	1.7	0.6	0.4
198	10/26/2014 14:46:03	15.26	49.73	32.57	8.28	7.97	9.2	3.789	100.8	1.9	0.7	0.4
199	10/26/2014 15:01:03	15.38	49.79	32.62	8.37	7.98	7.2	3.698	102.2	1.4	0.5	0.3
200	10/26/2014 15:16:04	15.53	49.52	32.42	8.31	7.96	7.1	3.607	101.6	1.7	0.6	0.4
201	10/26/2014 15:31:04	15.58	49.32	32.28	8.17	7.94	9.4	3.491	99.9	2.0	0.8	0.5
202	10/26/2014 15:46:04	15.56	49.25	32.23	8.12	7.94	7.3	3.393	99.3	1.7	0.6	0.4
203	10/26/2014 16:01:04	15.53	49.26	32.23	8.13	7.94	6.0	3.281	99.3	1.9	0.7	0.4
204	10/26/2014 16:16:03	15.58	49.21	32.20	8.13	7.93	6.0	3.156	99.4	2.0	0.8	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
205	10/26/2014 16:31:03	15.66	49.14	32.15	8.15	7.93	5.7	3.047	99.8	1.9	0.7	0.4
206	10/26/2014 16:46:03	15.75	49.00	32.05	8.14	7.92	6.4	2.930	99.7	2.0	0.8	0.5
207	10/26/2014 17:01:04	15.79	48.91	31.98	8.15	7.91	7.0	2.801	99.9	1.6	0.6	0.4
208	10/26/2014 17:16:03	15.73	49.13	32.15	8.15	7.93	6.4	2.676	99.8	1.9	0.7	0.5
209	10/26/2014 17:31:03	15.79	48.89	31.97	8.12	7.91	7.4	2.551	99.5	2.1	0.8	0.5
210	10/26/2014 17:46:04	15.75	49.02	32.06	8.15	7.92	7.6	2.423	99.8	1.7	0.6	0.4
211	10/26/2014 18:01:04	15.77	48.92	31.99	8.15	7.92	6.9	2.280	99.8	2.1	0.8	0.5
212	10/26/2014 18:16:03	15.79	48.87	31.95	8.11	7.91	6.9	2.156	99.4	2.2	0.8	0.5
213	10/26/2014 18:31:03	15.78	48.83	31.93	8.10	7.90	6.8	2.018	99.2	2.6	1.0	0.6
214	10/26/2014 18:46:04	15.78	48.74	31.86	8.08	7.90	8.7	1.892	99.0	2.1	0.8	0.5
215	10/26/2014 19:01:04	15.76	48.70	31.83	8.00	7.89	8.6	1.775	97.9	1.9	0.7	0.5
216	10/26/2014 19:16:03	15.79	48.54	31.72	7.98	7.89	8.1	1.648	97.7	2.9	1.1	0.7
217	10/26/2014 19:31:04	15.83	48.49	31.68	8.02	7.88	7.7	1.556	98.2	2.4	0.9	0.6
218	10/26/2014 19:46:03	15.87	48.38	31.59	8.07	7.88	7.0	1.465	98.9	2.9	1.1	0.7
219	10/26/2014 20:01:03	15.87	48.30	31.54	8.12	7.88	6.2	1.411	99.4	2.7	1.0	0.6
220	10/26/2014 20:16:04	15.87	48.33	31.56	8.11	7.88	6.1	1.378	99.3	3.0	1.1	0.7
221	10/26/2014 20:31:04	15.80	48.35	31.58	7.95	7.87	4.7	1.370	97.2	2.6	1.0	0.6
222	10/26/2014 20:46:04	15.87	48.10	31.39	8.33	7.89	4.7	1.412	101.9	2.3	0.9	0.5
223	10/26/2014 21:01:04	15.82	48.15	31.43	8.31	7.89	4.5	1.459	101.6	2.5	1.0	0.6
224	10/26/2014 21:16:04	15.78	47.98	31.30	8.33	7.89	5.5	1.535	101.7	2.4	0.9	0.6
225	10/26/2014 21:31:04	15.77	47.82	31.19	8.31	7.89	5.2	1.621	101.3	2.4	0.9	0.6
226	10/26/2014 21:46:03	15.76	46.78	30.44	8.15	7.86	6.1	1.706	98.8	2.9	1.1	0.7
227	10/26/2014 22:01:04	15.82	46.75	30.42	8.12	7.86	6.2	1.803	98.7	2.9	1.1	0.7
228	10/26/2014 22:16:04	15.82	46.60	30.31	8.07	7.86	5.8	1.900	98.0	2.8	1.1	0.7
229	10/26/2014 22:31:03	15.80	47.05	30.63	8.07	7.86	5.9	1.979	98.1	2.7	1.0	0.6
230	10/26/2014 22:46:03	15.86	47.63	31.05	8.10	7.87	5.5	2.064	98.8	2.5	1.0	0.6
231	10/26/2014 23:01:04	15.89	47.83	31.20	8.08	7.87	5.5	2.169	98.7	2.8	1.1	0.7
232	10/26/2014 23:16:03	15.87	47.95	31.28	7.95	7.87	6.1	2.261	97.1	2.1	0.8	0.5
233	10/26/2014 23:31:04	15.90	48.31	31.55	7.74	7.85	6.9	2.355	94.8	2.1	0.8	0.5
234	10/26/2014 23:46:03	15.88	48.35	31.58	7.67	7.85	7.3	2.476	93.9	2.6	1.0	0.6
235	10/27/2014 0:01:03	15.84	48.41	31.62	7.68	7.85	8.3	2.579	94.0	2.6	1.0	0.6
236	10/27/2014 0:16:03	15.79	48.47	31.66	7.72	7.86	8.7	2.683	94.4	2.5	1.0	0.6
237	10/27/2014 0:31:04	15.76	48.50	31.68	7.74	7.86	9.4	2.778	94.6	2.4	0.9	0.6
238	10/27/2014 0:46:04	15.71	48.52	31.70	7.74	7.87	11.5	2.866	94.6	2.6	1.0	0.6
239	10/27/2014 1:01:04	15.66	48.67	31.80	7.78	7.88	13.4	2.951	95.0	2.1	0.8	0.5
240	10/27/2014 1:16:04	15.61	48.77	31.88	7.81	7.89	14.1	3.033	95.3	2.7	1.0	0.6
241	10/27/2014 1:31:04	15.55	48.90	31.97	7.86	7.90	12.5	3.111	95.9	2.6	1.0	0.6
242	10/27/2014 1:46:03	15.48	49.11	32.12	7.96	7.92	13.6	3.199	97.1	2.6	1.0	0.6
243	10/27/2014 2:01:04	15.37	49.30	32.26	8.08	7.93	14.0	3.267	98.4	2.3	0.9	0.5
244	10/27/2014 2:16:04	15.32	49.38	32.31	8.11	7.94	13.4	3.338	98.7	1.9	0.7	0.5
245	10/27/2014 2:31:04	15.29	49.48	32.39	8.14	7.95	12.3	3.411	99.0	2.4	0.9	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
246	10/27/2014 2:46:04	15.27	49.48	32.39	8.14	7.95	10.8	3.451	98.9	1.8	0.7	0.4
247	10/27/2014 3:01:04	15.23	49.51	32.41	8.11	7.96	8.5	3.486	98.6	2.6	1.0	0.6
248	10/27/2014 3:16:03	15.21	49.56	32.45	8.10	7.96	6.5	3.514	98.5	2.4	0.9	0.6
249	10/27/2014 3:31:04	15.28	49.45	32.37	7.99	7.94	6.5	3.503	97.2	2.2	0.8	0.5
250	10/27/2014 3:46:03	15.20	49.54	32.43	8.03	7.95	7.0	3.471	97.5	2.1	0.8	0.5
251	10/27/2014 4:01:03	15.24	49.43	32.35	8.04	7.95	7.0	3.435	97.7	1.9	0.7	0.5
252	10/27/2014 4:16:04	15.26	49.38	32.32	7.99	7.94	9.7	3.385	97.1	2.4	0.9	0.6
253	10/27/2014 4:31:03	15.21	48.82	31.91	7.69	7.88	9.3	3.308	93.1	2.4	0.9	0.6
254	10/27/2014 4:46:04	15.21	49.18	32.17	7.86	7.91	7.4	3.234	95.4	2.4	0.9	0.6
255	10/27/2014 5:01:03	15.25	49.14	32.14	7.84	7.91	6.7	3.157	95.1	2.0	0.8	0.5
256	10/27/2014 5:16:04	15.30	48.86	31.93	7.66	7.88	7.4	3.073	92.9	2.0	0.8	0.5
257	10/27/2014 5:31:04	15.31	48.72	31.83	7.57	7.87	7.3	3.001	91.8	1.8	0.7	0.4
258	10/27/2014 5:46:03	15.25	48.60	31.75	7.45	7.85	5.9	2.930	90.3	2.0	0.8	0.5
259	10/27/2014 6:01:03	15.28	48.49	31.67	7.40	7.84	5.3	2.860	89.7	1.9	0.7	0.4
260	10/27/2014 6:16:04	15.24	48.45	31.64	7.39	7.83	5.6	2.796	89.4	2.1	0.8	0.5
261	10/27/2014 6:31:04	15.21	48.37	31.58	7.28	7.82	5.3	2.732	88.0	2.3	0.9	0.5
262	10/27/2014 6:46:04	15.18	48.37	31.58	7.23	7.82	5.8	2.668	87.4	1.9	0.7	0.4
263	10/27/2014 7:01:04	15.18	48.34	31.56	7.23	7.82	5.4	2.615	87.3	2.4	0.9	0.6
264	10/27/2014 7:16:03	15.20	48.43	31.62	7.34	7.83	5.4	2.551	88.7	2.3	0.9	0.5
265	10/27/2014 7:31:03	15.20	48.37	31.58	7.41	7.84	5.0	2.517	89.6	2.5	1.0	0.6
266	10/27/2014 7:46:03	15.16	48.09	31.37	7.42	7.83	4.7	2.493	89.5	2.0	0.8	0.5
267	10/27/2014 8:01:04	15.11	47.99	31.30	7.39	7.82	4.2	2.446	89.0	1.6	0.6	0.4
268	10/27/2014 8:16:03	15.03	47.85	31.20	7.34	7.82	4.2	2.448	88.2	2.0	0.8	0.5
269	10/27/2014 8:31:03	15.01	47.81	31.17	7.33	7.81	4.3	2.453	88.0	1.9	0.7	0.4
270	10/27/2014 8:46:04	15.11	48.06	31.35	7.37	7.82	4.5	2.467	88.8	1.8	0.7	0.4
271	10/27/2014 9:01:04	15.02	47.98	31.29	7.30	7.81	5.1	2.480	87.7	1.9	0.7	0.4
272	10/27/2014 9:16:04	15.11	48.09	31.38	7.32	7.82	5.1	2.529	88.2	1.6	0.6	0.4
273	10/27/2014 9:31:04	15.16	48.19	31.44	7.35	7.82	5.7	2.580	88.6	2.1	0.8	0.5
274	10/27/2014 9:46:04	15.12	48.05	31.35	7.36	7.82	6.6	2.648	88.7	2.1	0.8	0.5
275	10/27/2014 10:01:04	15.11	48.03	31.33	7.37	7.82	5.9	2.716	88.7	1.8	0.7	0.4
276	10/27/2014 10:16:04	15.20	48.28	31.51	7.41	7.83	6.3	2.785	89.4	1.9	0.7	0.4
277	10/27/2014 10:31:03	15.22	48.38	31.59	7.44	7.84	6.0	2.859	90.0	1.8	0.7	0.4
278	10/27/2014 10:46:03	15.24	48.65	31.79	7.58	7.86	6.4	2.934	91.7	1.5	0.6	0.4
279	10/27/2014 11:01:03	15.25	48.80	31.89	7.70	7.88	5.9	3.011	93.3	1.9	0.7	0.4
280	10/27/2014 11:16:03	15.34	48.95	32.00	7.80	7.90	5.9	3.087	94.8	1.8	0.7	0.4
281	10/27/2014 11:31:03	15.35	49.07	32.09	7.84	7.90	6.4	3.176	95.3	1.3	0.5	0.3
282	10/27/2014 11:46:04	15.34	49.11	32.12	7.89	7.91	7.3	3.249	95.9	1.6	0.6	0.4
283	10/27/2014 12:01:04	15.29	49.30	32.26	7.90	7.92	8.7	3.340	96.1	1.6	0.6	0.4
284	10/27/2014 12:16:03	15.25	49.38	32.32	7.93	7.93	8.6	3.426	96.3	1.8	0.7	0.4
285	10/27/2014 12:31:04	15.21	49.49	32.39	7.97	7.95	10.2	3.512	96.8	1.7	0.6	0.4
286	10/27/2014 12:46:04	15.12	49.70	32.55	8.04	7.97	9.4	3.589	97.6	1.9	0.7	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
287	10/27/2014 13:01:03	15.07	49.74	32.58	8.09	7.99	8.3	3.674	98.0	2.3	0.9	0.5
288	10/27/2014 13:16:03	15.03	49.86	32.66	8.14	7.99	7.0	3.744	98.6	2.1	0.8	0.5
289	10/27/2014 13:31:03	15.00	49.95	32.72	8.16	8.00	5.1	3.804	98.9	1.7	0.6	0.4
290	10/27/2014 13:46:04	14.98	49.96	32.73	8.15	8.00	5.3	3.855	98.7	1.6	0.6	0.4
291	10/27/2014 14:01:04	14.97	50.05	32.80	8.12	8.01	4.3	3.895	98.4	1.8	0.7	0.4
292	10/27/2014 14:16:03	14.97	50.06	32.80	8.08	8.01	3.2	3.921	98.0	1.7	0.6	0.4
293	10/27/2014 14:31:03	15.04	49.92	32.71	8.05	8.00	4.5	3.918	97.7	1.7	0.6	0.4
294	10/27/2014 14:46:04	14.99	49.99	32.76	8.04	8.00	4.0	3.906	97.5	1.5	0.6	0.4
295	10/27/2014 15:01:03	15.00	49.99	32.76	8.05	8.00	3.7	3.873	97.6	1.9	0.7	0.4
296	10/27/2014 15:16:03	15.15	49.92	32.71	8.06	7.99	4.4	3.816	97.9	1.4	0.5	0.3
297	10/27/2014 15:31:03	15.43	49.71	32.56	8.15	7.98	6.0	3.735	99.6	2.2	0.8	0.5
298	10/27/2014 15:46:03	15.40	49.80	32.63	8.20	7.98	5.2	3.654	100.1	2.0	0.8	0.5
299	10/27/2014 16:01:03	15.61	49.44	32.37	8.21	7.96	4.9	3.555	100.5	1.9	0.7	0.5
300	10/27/2014 16:16:04	15.68	49.14	32.15	8.21	7.94	7.7	3.453	100.5	2.0	0.8	0.5
301	10/27/2014 16:31:03	15.67	49.13	32.14	8.21	7.94	4.9	3.338	100.5	2.4	0.9	0.6
302	10/27/2014 16:46:03	15.58	49.21	32.20	8.23	7.95	5.4	3.230	100.6	1.6	0.6	0.4
303	10/27/2014 17:01:03	15.58	49.23	32.21	8.30	7.95	5.0	3.126	101.4	1.8	0.7	0.4
304	10/27/2014 17:16:04	15.68	49.03	32.07	8.39	7.94	4.3	3.009	102.7	1.6	0.6	0.4
305	10/27/2014 17:31:03	15.75	48.86	31.94	8.39	7.93	5.5	2.897	102.8	1.4	0.5	0.3
306	10/27/2014 17:46:03	15.77	48.76	31.87	8.38	7.93	5.7	2.769	102.5	2.1	0.8	0.5
307	10/27/2014 18:01:03	15.74	48.77	31.88	8.30	7.92	6.6	2.656	101.5	2.3	0.9	0.5
308	10/27/2014 18:16:04	15.70	48.79	31.89	8.28	7.92	5.7	2.548	101.2	1.4	0.5	0.3
309	10/27/2014 18:31:04	15.63	48.89	31.96	8.20	7.92	6.5	2.413	100.2	2.1	0.8	0.5
310	10/27/2014 18:46:04	15.66	48.74	31.86	8.21	7.92	7.8	2.269	100.3	2.8	1.1	0.7
311	10/27/2014 19:01:04	15.67	48.68	31.82	8.18	7.91	7.3	2.148	99.9	2.4	0.9	0.6
312	10/27/2014 19:16:04	15.70	48.51	31.69	8.18	7.91	8.2	2.015	99.9	2.4	0.9	0.6
313	10/27/2014 19:31:03	15.63	48.56	31.73	8.13	7.91	7.3	1.897	99.1	2.6	1.0	0.6
314	10/27/2014 19:46:04	15.66	48.38	31.60	8.24	7.90	7.9	1.764	100.5	2.2	0.8	0.5
315	10/27/2014 20:01:04	15.70	48.34	31.57	8.20	7.90	7.0	1.671	100.1	2.4	0.9	0.6
316	10/27/2014 20:16:04	15.72	48.19	31.46	8.25	7.90	9.3	1.568	100.6	2.7	1.0	0.6
317	10/27/2014 20:31:04	15.75	48.10	31.39	8.35	7.90	8.7	1.477	101.9	3.0	1.1	0.7
318	10/27/2014 20:46:04	15.73	48.03	31.34	8.33	7.89	7.9	1.430	101.6	2.9	1.1	0.7
319	10/27/2014 21:01:04	15.71	47.98	31.30	8.32	7.89	6.2	1.417	101.4	2.9	1.1	0.7
320	10/27/2014 21:16:04	15.67	48.01	31.32	8.31	7.89	6.7	1.439	101.2	2.4	0.9	0.6
321	10/27/2014 21:31:04	15.69	47.89	31.24	8.46	7.90	4.3	1.442	103.0	2.5	1.0	0.6
322	10/27/2014 21:46:04	15.67	47.82	31.19	8.49	7.90	8.0	1.512	103.2	2.6	1.0	0.6
323	10/27/2014 22:01:04	15.63	47.79	31.17	8.52	7.90	7.7	1.592	103.5	2.4	0.9	0.6
324	10/27/2014 22:16:04	15.62	47.57	31.01	8.44	7.89	7.3	1.662	102.5	2.7	1.0	0.6
325	10/27/2014 22:31:04	15.65	47.58	31.01	8.44	7.89	6.3	1.743	102.6	2.7	1.0	0.6
326	10/27/2014 22:46:03	15.58	46.76	30.41	8.25	7.87	6.6	1.834	99.8	2.7	1.0	0.6
327	10/27/2014 23:01:04	15.64	47.01	30.60	8.28	7.87	5.9	1.907	100.3	2.5	1.0	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
328	10/27/2014 23:16:04	15.73	47.61	31.04	8.32	7.89	5.3	1.998	101.3	2.5	1.0	0.6
329	10/27/2014 23:31:04	15.74	47.65	31.07	8.30	7.89	5.0	2.079	101.1	2.4	0.9	0.6
330	10/27/2014 23:46:04	15.75	47.71	31.11	8.26	7.89	5.0	2.163	100.7	2.9	1.1	0.7
331	10/28/2014 0:01:03	15.77	47.95	31.28	8.19	7.89	5.2	2.258	99.9	2.6	1.0	0.6
332	10/28/2014 0:16:04	15.78	48.09	31.38	8.09	7.88	5.4	2.347	98.8	2.7	1.0	0.7
333	10/28/2014 0:31:04	15.78	48.24	31.49	7.86	7.87	6.2	2.429	96.1	2.5	1.0	0.6
334	10/28/2014 0:46:04	15.77	48.36	31.59	7.80	7.86	6.6	2.530	95.4	2.3	0.9	0.6
335	10/28/2014 1:01:04	15.72	48.49	31.68	7.82	7.87	7.2	2.617	95.6	2.5	1.0	0.6
336	10/28/2014 1:16:04	15.66	48.45	31.65	7.82	7.87	6.5	2.706	95.4	2.6	1.0	0.6
337	10/28/2014 1:31:04	15.63	48.45	31.64	7.84	7.88	8.9	2.794	95.6	2.4	0.9	0.6
338	10/28/2014 1:46:04	15.61	48.64	31.78	7.87	7.89	7.9	2.881	96.0	2.3	0.9	0.5
339	10/28/2014 2:01:04	15.60	48.69	31.82	7.87	7.89	8.9	2.963	96.0	2.5	1.0	0.6
340	10/28/2014 2:16:04	15.54	48.74	31.85	7.89	7.90	10.1	3.041	96.2	2.6	1.0	0.6
341	10/28/2014 2:31:04	15.48	48.87	31.95	7.92	7.91	9.7	3.121	96.4	1.9	0.7	0.5
342	10/28/2014 2:46:04	15.36	49.15	32.15	7.95	7.93	10.5	3.193	96.8	2.1	0.8	0.5
343	10/28/2014 3:01:04	15.27	49.31	32.26	7.97	7.95	9.8	3.262	96.8	2.7	1.0	0.6
344	10/28/2014 3:16:04	15.21	49.44	32.36	7.99	7.96	8.2	3.323	97.0	2.2	0.8	0.5
345	10/28/2014 3:31:04	15.19	49.56	32.44	7.99	7.96	6.2	3.377	97.0	2.3	0.9	0.6
346	10/28/2014 3:46:04	15.18	49.57	32.45	8.01	7.96	5.6	3.416	97.3	1.8	0.7	0.4
347	10/28/2014 4:01:03	15.16	49.58	32.46	7.97	7.96	4.4	3.439	96.7	2.5	1.0	0.6
348	10/28/2014 4:16:04	15.19	49.48	32.39	7.88	7.95	5.0	3.448	95.7	2.0	0.8	0.5
349	10/28/2014 4:31:04	15.15	49.60	32.48	7.85	7.96	7.0	3.435	95.3	2.0	0.8	0.5
350	10/28/2014 4:46:04	15.15	49.56	32.44	7.91	7.96	5.6	3.400	96.0	1.9	0.7	0.5
351	10/28/2014 5:01:03	15.16	49.56	32.44	7.85	7.96	6.5	3.351	95.3	1.8	0.7	0.4
352	10/28/2014 5:16:04	15.19	49.02	32.05	7.78	7.92	7.6	3.288	94.3	2.2	0.8	0.5
353	10/28/2014 5:31:04	15.12	49.11	32.12	7.75	7.91	6.6	3.219	93.8	1.8	0.7	0.4
354	10/28/2014 5:46:04	15.14	49.27	32.23	7.82	7.93	6.1	3.147	94.7	1.9	0.7	0.5
355	10/28/2014 6:01:04	15.17	49.10	32.11	7.74	7.91	6.2	3.078	93.7	2.6	1.0	0.6
356	10/28/2014 6:16:04	15.16	48.71	31.83	7.62	7.88	5.9	2.986	92.1	2.4	0.9	0.6
357	10/28/2014 6:31:04	15.07	48.49	31.66	7.56	7.86	5.3	2.936	91.2	1.8	0.7	0.4
358	10/28/2014 6:46:04	15.07	48.47	31.65	7.51	7.85	6.0	2.857	90.6	2.4	0.9	0.6
359	10/28/2014 7:01:04	15.12	48.42	31.61	7.50	7.86	4.9	2.792	90.5	2.1	0.8	0.5
360	10/28/2014 7:16:04	15.11	48.35	31.56	7.48	7.85	5.1	2.731	90.2	1.9	0.7	0.5
361	10/28/2014 7:31:04	15.01	48.29	31.52	7.43	7.84	5.2	2.682	89.4	1.9	0.7	0.4
362	10/28/2014 7:46:04	14.97	48.23	31.47	7.41	7.83	5.4	2.628	89.1	1.9	0.7	0.4
363	10/28/2014 8:01:04	14.92	48.25	31.48	7.37	7.83	4.8	2.572	88.5	1.9	0.7	0.5
364	10/28/2014 8:16:04	14.85	48.29	31.52	7.44	7.84	4.5	2.541	89.3	2.0	0.8	0.5
365	10/28/2014 8:31:04	14.84	48.04	31.33	7.47	7.83	4.5	2.517	89.5	1.7	0.6	0.4
366	10/28/2014 8:46:04	14.83	47.93	31.25	7.47	7.83	4.0	2.472	89.4	1.9	0.7	0.5
367	10/28/2014 9:01:04	14.86	47.87	31.21	7.47	7.83	4.1	2.471	89.4	2.1	0.8	0.5
368	10/28/2014 9:16:04	14.83	47.86	31.20	7.47	7.83	4.6	2.472	89.4	1.9	0.7	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
369	10/28/2014 9:31:04	14.85	47.94	31.26	7.50	7.83	4.0	2.479	89.8	1.8	0.7	0.4
370	10/28/2014 9:46:04	14.86	48.00	31.30	7.49	7.83	4.3	2.520	89.7	1.9	0.7	0.4
371	10/28/2014 10:01:04	14.92	48.07	31.36	7.48	7.83	4.6	2.544	89.8	2.0	0.8	0.5
372	10/28/2014 10:16:04	15.03	48.19	31.44	7.51	7.84	5.1	2.599	90.4	2.0	0.8	0.5
373	10/28/2014 10:31:04	15.11	48.10	31.38	7.59	7.84	5.3	2.654	91.4	2.0	0.8	0.5
374	10/28/2014 10:46:04	15.10	48.13	31.40	7.55	7.85	5.2	2.717	91.0	2.1	0.8	0.5
375	10/28/2014 11:01:04	15.15	48.23	31.48	7.59	7.86	5.2	2.788	91.6	1.9	0.7	0.5
376	10/28/2014 11:16:04	15.14	48.35	31.57	7.59	7.86	5.0	2.853	91.6	1.8	0.7	0.4
377	10/28/2014 11:31:04	15.16	48.63	31.77	7.61	7.88	5.0	2.924	92.0	1.9	0.7	0.4
378	10/28/2014 11:46:04	15.17	48.83	31.91	7.67	7.89	5.0	2.993	92.8	2.0	0.8	0.5
379	10/28/2014 12:01:03	15.23	48.88	31.95	7.76	7.91	5.2	3.068	94.1	1.5	0.6	0.4
380	10/28/2014 12:16:03	15.26	49.04	32.07	7.83	7.92	4.6	3.135	95.0	1.9	0.7	0.5
381	10/28/2014 12:31:04	15.25	49.13	32.13	7.85	7.92	5.2	3.202	95.2	2.1	0.8	0.5
382	10/28/2014 12:46:04	15.22	49.27	32.23	7.85	7.93	5.7	3.283	95.3	1.8	0.7	0.4
383	10/28/2014 13:01:03	15.18	49.40	32.33	7.90	7.94	5.5	3.350	95.9	1.7	0.6	0.4
384	10/28/2014 13:16:04	15.14	49.53	32.42	7.92	7.95	5.6	3.430	96.1	1.5	0.6	0.4
385	10/28/2014 13:31:04	15.10	49.56	32.44	7.90	7.96	5.3	3.502	95.8	1.9	0.7	0.4
386	10/28/2014 13:46:04	15.04	49.73	32.57	7.92	7.97	5.6	3.569	96.0	1.8	0.7	0.4
387	10/28/2014 14:01:04	14.98	49.88	32.67	7.95	7.98	5.4	3.634	96.3	2.0	0.8	0.5
388	10/28/2014 14:16:04	14.95	49.95	32.72	7.94	7.98	4.3	3.686	96.1	1.5	0.6	0.3
389	10/28/2014 14:31:04	14.93	50.00	32.76	7.95	7.99	4.0	3.750	96.2	1.7	0.6	0.4
390	10/28/2014 14:46:04	14.91	50.02	32.77	7.96	7.99	3.2	3.785	96.3	1.1	0.4	0.3
391	10/28/2014 15:01:04	14.91	50.07	32.81	7.91	7.99	3.2	3.803	95.8	1.9	0.7	0.4
392	10/28/2014 15:16:04	15.00	49.95	32.73	7.87	7.98	3.1	3.825	95.4	1.5	0.6	0.3
393	10/28/2014 15:31:04	14.94	50.04	32.79	7.82	7.98	3.6	3.820	94.7	1.2	0.5	0.3
394	10/28/2014 15:46:04	14.91	50.10	32.83	7.80	7.98	3.1	3.796	94.4	0.6	0.2	0.1
395	10/28/2014 16:01:04	14.93	50.09	32.82	7.83	7.98	3.5	3.758	94.8	1.3	0.5	0.3
396	10/28/2014 16:16:04	14.98	49.99	32.76	7.87	7.98	3.9	3.702	95.4	1.8	0.7	0.4
397	10/28/2014 16:31:04	15.24	49.70	32.55	7.95	7.97	4.7	3.627	96.8	2.1	0.8	0.5
398	10/28/2014 16:46:04	15.40	49.53	32.43	8.02	7.96	5.0	3.529	97.8	2.3	0.9	0.5
399	10/28/2014 17:01:04	15.45	49.39	32.33	8.00	7.96	4.5	3.450	97.6	2.2	0.8	0.5
400	10/28/2014 17:16:04	15.48	49.22	32.21	8.05	7.95	5.7	3.341	98.2	2.1	0.8	0.5
401	10/28/2014 17:31:03	15.45	49.20	32.19	8.07	7.94	4.8	3.240	98.4	2.8	1.1	0.7
402	10/28/2014 17:46:04	15.45	49.12	32.13	8.12	7.94	4.3	3.137	99.0	2.0	0.8	0.5
403	10/28/2014 18:01:04	15.47	49.03	32.06	8.13	7.94	4.1	3.031	99.1	2.3	0.9	0.6
404	10/28/2014 18:16:04	15.49	48.88	31.96	8.18	7.94	4.4	2.930	99.6	1.9	0.7	0.5
405	10/28/2014 18:31:04	15.57	48.72	31.84	8.13	7.92	5.3	2.810	99.1	2.7	1.0	0.6
406	10/28/2014 18:46:04	15.57	48.69	31.82	8.14	7.92	5.8	2.694	99.2	2.4	0.9	0.6
407	10/28/2014 19:01:04	15.50	48.80	31.90	8.03	7.92	5.3	2.583	97.8	2.4	0.9	0.6
408	10/28/2014 19:16:04	15.54	48.62	31.77	8.06	7.91	5.9	2.467	98.1	2.1	0.8	0.5
409	10/28/2014 19:31:04	15.51	48.68	31.81	8.00	7.91	6.8	2.348	97.4	2.6	1.0	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
410	10/28/2014 19:46:04	15.50	48.69	31.81	8.00	7.91	7.4	2.211	97.4	2.6	1.0	0.6
411	10/28/2014 20:01:04	15.55	48.54	31.71	8.02	7.90	7.3	2.094	97.6	2.9	1.1	0.7
412	10/28/2014 20:16:04	15.57	48.41	31.62	8.02	7.90	8.1	1.969	97.6	2.7	1.0	0.6
413	10/28/2014 20:31:04	15.56	48.38	31.60	7.95	7.89	7.5	1.846	96.8	2.7	1.0	0.6
414	10/28/2014 20:46:04	15.58	48.28	31.52	7.98	7.89	8.7	1.741	97.1	2.8	1.1	0.7
415	10/28/2014 21:01:04	15.61	48.16	31.44	8.02	7.88	7.0	1.638	97.6	2.8	1.1	0.7
416	10/28/2014 21:16:04	15.63	48.01	31.33	8.14	7.88	5.3	1.573	99.1	2.1	0.8	0.5
417	10/28/2014 21:31:04	15.62	48.00	31.32	8.09	7.88	5.6	1.504	98.4	2.6	1.0	0.6
418	10/28/2014 21:46:04	15.62	47.89	31.24	8.15	7.88	4.7	1.483	99.1	3.2	1.2	0.8
419	10/28/2014 22:01:04	15.60	47.83	31.19	8.17	7.88	3.9	1.487	99.2	2.8	1.1	0.7
420	10/28/2014 22:16:04	15.59	47.80	31.18	8.21	7.89	4.0	1.479	99.8	2.5	1.0	0.6
421	10/28/2014 22:31:04	15.57	47.77	31.15	8.30	7.89	3.4	1.531	100.8	2.8	1.1	0.7
422	10/28/2014 22:46:04	15.54	47.75	31.13	8.29	7.89	3.9	1.588	100.5	2.0	0.8	0.5
423	10/28/2014 23:01:04	15.50	47.72	31.11	8.29	7.89	4.0	1.646	100.4	2.4	0.9	0.6
424	10/28/2014 23:16:04	15.51	47.65	31.06	8.27	7.88	4.5	1.730	100.3	2.3	0.9	0.5
425	10/28/2014 23:31:04	15.53	47.65	31.06	8.23	7.88	4.9	1.819	99.8	3.0	1.1	0.7
426	10/28/2014 23:46:04	15.52	47.56	30.99	8.14	7.87	5.4	1.890	98.6	3.0	1.1	0.7
427	10/29/2014 0:01:04	15.52	47.56	30.99	8.10	7.87	5.3	1.968	98.1	3.2	1.2	0.8
428	10/29/2014 0:16:04	15.53	47.62	31.04	8.08	7.87	4.5	2.051	97.9	2.6	1.0	0.6
429	10/29/2014 0:31:04	15.54	47.70	31.10	8.09	7.88	4.7	2.132	98.1	2.1	0.8	0.5
430	10/29/2014 0:46:04	15.54	47.79	31.16	8.07	7.88	4.8	2.216	97.9	2.5	1.0	0.6
431	10/29/2014 1:01:04	15.55	47.98	31.30	8.01	7.88	4.7	2.288	97.3	2.7	1.0	0.6
432	10/29/2014 1:16:04	15.57	48.11	31.40	7.94	7.88	4.8	2.381	96.5	2.2	0.8	0.5
433	10/29/2014 1:31:04	15.61	48.31	31.55	7.78	7.87	5.5	2.469	94.8	2.3	0.9	0.5
434	10/29/2014 1:46:04	15.63	48.41	31.61	7.75	7.87	5.7	2.553	94.4	2.4	0.9	0.6
435	10/29/2014 2:01:04	15.61	48.49	31.68	7.75	7.87	5.9	2.643	94.5	2.5	1.0	0.6
436	10/29/2014 2:16:04	15.61	48.52	31.70	7.76	7.87	5.8	2.724	94.6	2.2	0.8	0.5
437	10/29/2014 2:31:04	15.57	48.51	31.69	7.76	7.88	6.1	2.802	94.6	2.5	1.0	0.6
438	10/29/2014 2:46:04	15.55	48.60	31.75	7.78	7.89	6.8	2.891	94.7	2.4	0.9	0.6
439	10/29/2014 3:01:04	15.53	48.70	31.83	7.79	7.89	7.4	2.966	94.8	2.3	0.9	0.5
440	10/29/2014 3:16:04	15.49	48.82	31.91	7.81	7.90	8.4	3.020	95.1	2.7	1.0	0.6
441	10/29/2014 3:31:03	15.46	48.90	31.97	7.83	7.91	7.9	3.107	95.3	2.5	1.0	0.6
442	10/29/2014 3:46:04	15.40	49.03	32.06	7.86	7.92	7.8	3.168	95.6	1.8	0.7	0.4
443	10/29/2014 4:01:04	15.30	49.26	32.23	7.84	7.93	6.8	3.232	95.3	2.4	0.9	0.6
444	10/29/2014 4:16:04	15.20	49.43	32.35	7.83	7.94	5.8	3.283	95.0	2.4	0.9	0.6
445	10/29/2014 4:31:04	15.16	49.57	32.45	7.81	7.95	5.7	3.341	94.8	2.1	0.8	0.5
446	10/29/2014 4:46:04	15.11	49.64	32.50	7.80	7.95	4.8	3.375	94.7	2.2	0.8	0.5
447	10/29/2014 5:01:04	15.10	49.67	32.52	7.78	7.95	5.0	3.406	94.4	1.8	0.7	0.4
448	10/29/2014 5:16:04	15.16	49.58	32.46	7.68	7.94	4.2	3.424	93.2	2.1	0.8	0.5
449	10/29/2014 5:31:04	15.10	49.71	32.55	7.65	7.95	4.1	3.421	92.8	1.9	0.7	0.4
450	10/29/2014 5:46:04	15.10	49.67	32.53	7.69	7.95	4.3	3.395	93.3	2.4	0.9	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
451	10/29/2014 6:01:04	15.11	49.65	32.51	7.68	7.95	4.8	3.347	93.2	2.3	0.9	0.6
452	10/29/2014 6:16:04	15.20	49.39	32.32	7.66	7.93	5.8	3.292	93.0	1.4	0.5	0.3
453	10/29/2014 6:31:03	15.42	48.91	31.98	7.58	7.89	5.7	3.238	92.2	2.3	0.9	0.6
454	10/29/2014 6:46:04	15.35	49.10	32.11	7.65	7.91	5.6	3.165	93.0	1.6	0.6	0.4
455	10/29/2014 7:01:04	15.36	49.05	32.08	7.64	7.91	5.0	3.088	92.9	2.1	0.8	0.5
456	10/29/2014 7:16:04	15.40	48.95	32.00	7.55	7.89	5.7	3.036	91.8	2.0	0.8	0.5
457	10/29/2014 7:31:04	15.47	48.72	31.84	7.45	7.87	5.1	2.965	90.7	2.0	0.8	0.5
458	10/29/2014 7:46:04	15.50	48.59	31.74	7.38	7.86	5.4	2.915	89.8	2.4	0.9	0.6
459	10/29/2014 8:01:04	15.50	48.59	31.74	7.34	7.86	4.3	2.833	89.3	1.7	0.6	0.4
460	10/29/2014 8:16:04	15.49	48.61	31.76	7.28	7.85	4.2	2.779	88.6	2.2	0.8	0.5
461	10/29/2014 8:31:04	15.48	48.64	31.78	7.27	7.85	4.2	2.729	88.4	1.8	0.7	0.4
462	10/29/2014 8:46:04	15.48	48.60	31.75	7.26	7.84	4.1	2.692	88.3	2.1	0.8	0.5
463	10/29/2014 9:01:04	15.50	48.51	31.68	7.24	7.84	4.2	2.626	88.1	1.7	0.6	0.4
464	10/29/2014 9:16:04	15.51	48.37	31.59	7.27	7.84	3.6	2.613	88.3	2.0	0.8	0.5
465	10/29/2014 9:31:04	15.52	48.34	31.56	7.24	7.83	3.6	2.600	88.0	2.0	0.8	0.5
466	10/29/2014 9:46:04	15.54	48.26	31.50	7.25	7.83	3.7	2.568	88.1	2.5	1.0	0.6
467	10/29/2014 10:01:04	15.54	48.23	31.48	7.28	7.83	3.5	2.543	88.5	2.2	0.8	0.5
468	10/29/2014 10:16:04	15.55	48.20	31.46	7.28	7.83	3.7	2.567	88.5	1.3	0.5	0.3
469	10/29/2014 10:31:04	15.52	48.32	31.55	7.29	7.83	3.5	2.576	88.6	1.6	0.6	0.4
470	10/29/2014 10:46:04	15.52	48.32	31.55	7.23	7.83	3.6	2.569	88.0	2.1	0.8	0.5
471	10/29/2014 11:01:04	15.53	48.39	31.60	7.29	7.83	4.0	2.620	88.7	1.7	0.6	0.4
472	10/29/2014 11:16:04	15.56	48.39	31.60	7.29	7.83	3.9	2.655	88.7	1.5	0.6	0.4
473	10/29/2014 11:31:04	15.56	48.45	31.64	7.41	7.85	4.5	2.709	90.2	2.1	0.8	0.5
474	10/29/2014 11:46:04	15.59	48.32	31.55	7.41	7.85	4.8	2.766	90.3	2.0	0.8	0.5
475	10/29/2014 12:01:04	15.56	48.47	31.66	7.46	7.86	4.4	2.815	90.8	1.7	0.6	0.4
476	10/29/2014 12:16:04	15.54	48.56	31.72	7.50	7.86	4.0	2.887	91.3	2.0	0.8	0.5
477	10/29/2014 12:31:04	15.47	48.75	31.86	7.51	7.87	4.7	2.939	91.5	1.7	0.6	0.4
478	10/29/2014 12:46:04	15.42	48.91	31.97	7.56	7.89	4.5	2.998	92.0	1.5	0.6	0.4
479	10/29/2014 13:01:04	15.42	49.04	32.07	7.64	7.90	4.2	3.063	93.0	2.2	0.8	0.5
480	10/29/2014 13:16:04	15.39	49.13	32.13	7.68	7.91	4.2	3.131	93.5	1.4	0.5	0.3
481	10/29/2014 13:31:04	15.38	49.20	32.19	7.69	7.92	3.9	3.188	93.7	1.7	0.6	0.4
482	10/29/2014 13:46:04	15.35	49.28	32.25	7.72	7.92	3.8	3.252	93.9	2.2	0.8	0.5
483	10/29/2014 14:01:04	15.34	49.35	32.29	7.72	7.92	3.9	3.316	94.0	1.9	0.7	0.5
484	10/29/2014 14:16:04	15.26	49.49	32.40	7.75	7.94	4.1	3.380	94.2	1.3	0.5	0.3
485	10/29/2014 14:31:04	15.23	49.54	32.43	7.78	7.94	3.9	3.447	94.5	2.0	0.8	0.5
486	10/29/2014 14:46:04	15.21	49.61	32.49	7.84	7.95	4.1	3.495	95.2	2.2	0.8	0.5
487	10/29/2014 15:01:04	15.20	49.63	32.50	7.82	7.95	3.7	3.559	95.1	1.9	0.7	0.4
488	10/29/2014 15:16:04	15.19	49.64	32.50	7.84	7.96	4.2	3.608	95.3	2.2	0.8	0.5
489	10/29/2014 15:31:03	15.17	49.72	32.56	7.89	7.96	3.5	3.640	95.9	1.8	0.7	0.4
490	10/29/2014 15:46:04	15.16	49.73	32.57	7.93	7.96	3.6	3.674	96.3	2.1	0.8	0.5
491	10/29/2014 16:01:04	15.16	49.74	32.58	7.89	7.97	3.7	3.707	95.8	1.8	0.7	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
492	10/29/2014 16:16:04	15.25	49.68	32.53	7.79	7.96	3.1	3.701	94.8	2.0	0.8	0.5
493	10/29/2014 16:31:04	15.20	49.71	32.56	7.75	7.95	3.4	3.692	94.2	1.7	0.6	0.4
494	10/29/2014 16:46:04	15.17	49.75	32.58	7.81	7.96	2.9	3.682	94.9	1.3	0.5	0.3
495	10/29/2014 17:01:03	15.19	49.67	32.52	7.82	7.96	3.1	3.633	95.1	2.8	1.1	0.7
496	10/29/2014 17:16:04	15.33	49.61	32.49	7.77	7.95	3.9	3.567	94.7	1.9	0.7	0.4
497	10/29/2014 17:31:04	15.64	49.40	32.34	7.84	7.94	5.3	3.501	96.0	2.2	0.8	0.5
498	10/29/2014 17:46:04	15.58	49.35	32.30	7.94	7.94	4.1	3.419	97.1	1.9	0.7	0.4
499	10/29/2014 18:01:04	15.73	49.21	32.20	7.96	7.93	4.5	3.318	97.5	2.9	1.1	0.7
500	10/29/2014 18:16:04	15.71	49.12	32.13	7.96	7.93	4.7	3.222	97.5	2.7	1.0	0.6
501	10/29/2014 18:31:04	15.76	49.04	32.08	7.99	7.93	5.5	3.128	98.0	3.3	1.3	0.8
502	10/29/2014 18:46:04	15.76	49.01	32.06	8.03	7.93	4.4	3.025	98.4	2.1	0.8	0.5
503	10/29/2014 19:01:04	15.75	48.95	32.01	8.04	7.93	4.0	2.928	98.5	2.4	0.9	0.6
504	10/29/2014 19:16:04	15.86	48.81	31.91	8.10	7.93	4.2	2.828	99.3	2.3	0.9	0.6
505	10/29/2014 19:31:04	15.95	48.72	31.85	8.14	7.92	5.0	2.714	100.0	2.1	0.8	0.5
506	10/29/2014 19:46:04	15.87	48.74	31.86	8.01	7.91	5.9	2.613	98.3	2.6	1.0	0.6
507	10/29/2014 20:01:04	15.83	48.81	31.91	7.87	7.91	5.1	2.490	96.5	2.5	1.0	0.6
508	10/29/2014 20:16:04	15.91	48.61	31.76	7.93	7.90	5.7	2.386	97.3	2.8	1.1	0.7
509	10/29/2014 20:31:04	15.92	48.59	31.75	7.93	7.90	6.6	2.267	97.3	2.9	1.1	0.7
510	10/29/2014 20:46:04	15.96	48.52	31.70	7.90	7.90	6.5	2.147	96.9	2.8	1.1	0.7
511	10/29/2014 21:01:03	15.93	48.51	31.70	7.96	7.89	7.0	2.048	97.6	3.0	1.1	0.7
512	10/29/2014 21:16:04	15.99	48.46	31.66	7.91	7.89	5.8	1.935	97.2	2.7	1.0	0.6
513	10/29/2014 21:31:04	16.01	48.38	31.60	7.91	7.89	5.8	1.812	97.2	3.0	1.1	0.7
514	10/29/2014 21:46:04	16.07	48.26	31.51	7.95	7.88	6.0	1.738	97.7	2.7	1.0	0.6
515	10/29/2014 22:01:04	16.13	48.16	31.44	8.02	7.89	5.3	1.671	98.6	2.9	1.1	0.7
516	10/29/2014 22:16:04	16.17	48.02	31.34	8.09	7.89	6.8	1.573	99.5	3.2	1.2	0.7
517	10/29/2014 22:31:03	16.27	47.88	31.24	8.19	7.89	4.3	1.563	100.8	2.2	0.8	0.5
518	10/29/2014 22:46:04	16.29	47.82	31.20	8.23	7.89	3.6	1.545	101.3	2.3	0.9	0.5
519	10/29/2014 23:01:04	16.23	47.87	31.23	8.13	7.89	3.5	1.527	100.0	3.1	1.2	0.7
520	10/29/2014 23:16:04	16.24	47.81	31.19	8.18	7.88	3.6	1.535	100.6	2.7	1.0	0.6
521	10/29/2014 23:31:04	16.26	47.89	31.24	8.20	7.89	3.3	1.577	100.9	2.5	1.0	0.6
522	10/29/2014 23:46:04	16.23	47.90	31.26	8.20	7.89	3.4	1.640	100.9	2.3	0.9	0.5
523	10/30/2014 0:01:03	16.23	47.91	31.26	8.23	7.89	3.6	1.698	101.3	2.7	1.0	0.6
524	10/30/2014 0:16:03	16.23	47.81	31.19	8.19	7.88	3.9	1.771	100.8	2.7	1.0	0.6
525	10/30/2014 0:31:04	16.22	47.87	31.23	8.15	7.88	3.9	1.849	100.3	2.2	0.8	0.5
526	10/30/2014 0:46:04	16.23	47.74	31.14	8.07	7.88	4.0	1.916	99.3	2.7	1.0	0.6
527	10/30/2014 1:01:04	16.22	47.76	31.16	8.04	7.87	4.1	2.010	98.8	3.0	1.1	0.7
528	10/30/2014 1:16:04	16.22	47.79	31.18	8.03	7.87	4.0	2.070	98.7	2.7	1.0	0.6
529	10/30/2014 1:31:04	16.21	47.84	31.21	8.01	7.88	3.9	2.154	98.5	2.3	0.9	0.6
530	10/30/2014 1:46:04	16.17	47.96	31.30	7.99	7.88	4.0	2.242	98.2	2.8	1.1	0.7
531	10/30/2014 2:01:04	16.12	48.08	31.38	7.93	7.88	4.2	2.319	97.5	2.5	1.0	0.6
532	10/30/2014 2:16:04	15.99	48.37	31.59	7.73	7.87	5.8	2.415	94.9	3.1	1.2	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
533	10/30/2014 2:31:04	15.96	48.44	31.64	7.67	7.87	5.1	2.487	94.2	2.4	0.9	0.6
534	10/30/2014 2:46:04	15.92	48.51	31.69	7.67	7.88	5.0	2.577	94.1	2.5	1.0	0.6
535	10/30/2014 3:01:04	15.90	48.56	31.73	7.68	7.88	4.9	2.659	94.2	2.3	0.9	0.5
536	10/30/2014 3:16:04	15.86	48.57	31.74	7.68	7.88	5.1	2.736	94.1	2.4	0.9	0.6
537	10/30/2014 3:31:04	15.79	48.64	31.78	7.68	7.89	6.2	2.821	94.0	2.5	1.0	0.6
538	10/30/2014 3:46:04	15.77	48.76	31.87	7.68	7.89	6.3	2.904	94.0	2.7	1.0	0.6
539	10/30/2014 4:01:04	15.74	48.86	31.94	7.72	7.90	6.1	2.979	94.5	2.9	1.1	0.7
540	10/30/2014 4:16:04	15.67	48.95	32.01	7.73	7.91	7.5	3.047	94.5	2.6	1.0	0.6
541	10/30/2014 4:31:04	15.62	49.06	32.09	7.75	7.91	7.0	3.129	94.7	2.8	1.1	0.7
542	10/30/2014 4:46:04	15.56	49.15	32.16	7.77	7.92	6.8	3.193	94.9	2.3	0.9	0.6
543	10/30/2014 5:01:04	15.46	49.28	32.25	7.81	7.94	7.0	3.253	95.3	2.2	0.8	0.5
544	10/30/2014 5:16:04	15.40	49.38	32.32	7.87	7.94	5.7	3.317	95.9	2.1	0.8	0.5
545	10/30/2014 5:31:04	15.36	49.44	32.36	7.85	7.95	5.8	3.364	95.6	2.7	1.0	0.6
546	10/30/2014 5:46:04	15.33	49.46	32.38	7.84	7.95	5.3	3.400	95.4	1.8	0.7	0.4
547	10/30/2014 6:01:04	15.31	49.47	32.38	7.81	7.96	3.9	3.414	95.1	2.3	0.9	0.5
548	10/30/2014 6:16:04	15.39	49.39	32.32	7.70	7.94	4.3	3.439	93.9	2.4	0.9	0.6
549	10/30/2014 6:31:04	15.34	49.45	32.37	7.68	7.94	4.0	3.426	93.6	2.1	0.8	0.5
550	10/30/2014 6:46:04	15.32	49.45	32.37	7.75	7.95	4.4	3.394	94.3	1.8	0.7	0.4
551	10/30/2014 7:01:04	15.35	49.43	32.35	7.72	7.94	5.4	3.350	94.0	1.5	0.6	0.4
552	10/30/2014 7:16:04	15.51	49.06	32.09	7.57	7.92	4.7	3.304	92.3	2.1	0.8	0.5
553	10/30/2014 7:31:03	15.60	48.98	32.03	7.49	7.89	5.4	3.257	91.4	2.4	0.9	0.6
554	10/30/2014 7:46:04	15.51	49.15	32.15	7.62	7.91	7.4	3.178	93.0	2.2	0.8	0.5
555	10/30/2014 8:01:04	15.57	48.97	32.03	7.54	7.90	4.4	3.112	92.1	1.5	0.6	0.4
556	10/30/2014 8:16:04	15.64	48.82	31.91	7.44	7.88	4.2	3.050	90.8	1.8	0.7	0.4
557	10/30/2014 8:31:04	15.66	48.72	31.84	7.40	7.87	4.2	2.995	90.4	1.6	0.6	0.4
558	10/30/2014 8:46:04	15.69	48.70	31.83	7.34	7.86	4.0	2.939	89.7	2.0	0.8	0.5
559	10/30/2014 9:01:03	15.72	48.65	31.79	7.31	7.86	4.0	2.862	89.4	2.0	0.8	0.5
560	10/30/2014 9:16:04	15.75	48.59	31.75	7.28	7.85	3.9	2.815	89.1	2.0	0.8	0.5
561	10/30/2014 9:31:04	15.74	48.67	31.81	7.32	7.86	3.9	2.779	89.5	1.8	0.7	0.4
562	10/30/2014 9:46:04	15.77	48.65	31.80	7.34	7.85	3.6	2.719	89.9	2.1	0.8	0.5
563	10/30/2014 10:01:04	15.82	48.59	31.75	7.33	7.85	3.7	2.669	89.8	2.1	0.8	0.5
564	10/30/2014 10:16:04	15.85	48.66	31.80	7.38	7.86	3.6	2.642	90.5	2.1	0.8	0.5
565	10/30/2014 10:31:04	15.94	48.56	31.73	7.41	7.86	3.4	2.620	90.9	2.3	0.9	0.5
566	10/30/2014 10:46:04	15.98	48.47	31.67	7.45	7.85	3.4	2.582	91.5	2.5	1.0	0.6
567	10/30/2014 11:01:04	16.02	48.43	31.64	7.48	7.86	3.4	2.572	91.9	2.6	1.0	0.6
568	10/30/2014 11:16:04	16.05	48.42	31.63	7.48	7.86	3.4	2.559	91.9	2.9	1.1	0.7
569	10/30/2014 11:31:04	16.02	48.44	31.64	7.41	7.85	3.4	2.566	91.1	2.0	0.8	0.5
570	10/30/2014 11:46:04	15.97	48.49	31.68	7.41	7.85	3.4	2.570	91.0	2.0	0.8	0.5
571	10/30/2014 12:01:04	15.94	48.48	31.67	7.40	7.85	3.4	2.585	90.8	2.1	0.8	0.5
572	10/30/2014 12:16:04	15.94	48.45	31.65	7.36	7.85	3.4	2.621	90.3	1.9	0.7	0.5
573	10/30/2014 12:31:04	15.99	48.49	31.68	7.38	7.85	3.7	2.654	90.7	1.4	0.5	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
574	10/30/2014 12:46:04	16.05	48.53	31.71	7.45	7.86	3.6	2.694	91.6	1.7	0.6	0.4
575	10/30/2014 13:01:04	16.08	48.37	31.59	7.40	7.85	3.9	2.745	91.1	2.5	1.0	0.6
576	10/30/2014 13:16:04	15.94	48.56	31.73	7.44	7.86	3.7	2.799	91.3	2.1	0.8	0.5
577	10/30/2014 13:31:04	15.89	48.62	31.77	7.46	7.87	3.6	2.848	91.5	1.9	0.7	0.4
578	10/30/2014 13:46:04	15.82	48.75	31.86	7.50	7.88	3.7	2.904	91.9	2.8	1.1	0.7
579	10/30/2014 14:01:04	15.76	48.88	31.96	7.55	7.89	4.2	2.963	92.5	1.8	0.7	0.4
580	10/30/2014 14:16:04	15.73	48.95	32.01	7.61	7.90	3.6	3.015	93.2	1.8	0.7	0.4
581	10/30/2014 14:31:04	15.75	49.04	32.07	7.67	7.91	3.7	3.076	94.0	1.8	0.7	0.4
582	10/30/2014 14:46:04	15.69	49.14	32.15	7.72	7.92	3.4	3.134	94.6	2.4	0.9	0.6
583	10/30/2014 15:01:04	15.64	49.18	32.18	7.76	7.92	3.4	3.193	95.0	1.9	0.7	0.4
584	10/30/2014 15:16:04	15.63	49.24	32.22	7.77	7.92	3.4	3.252	95.1	2.2	0.8	0.5
585	10/30/2014 15:31:04	15.60	49.27	32.25	7.83	7.93	3.6	3.309	95.7	2.0	0.8	0.5
586	10/30/2014 15:46:04	15.53	49.38	32.32	7.82	7.94	3.9	3.362	95.6	1.7	0.6	0.4
587	10/30/2014 16:01:04	15.43	49.44	32.36	7.83	7.94	3.7	3.419	95.5	1.8	0.7	0.4
588	10/30/2014 16:16:04	15.39	49.50	32.41	7.84	7.95	3.7	3.465	95.5	1.5	0.6	0.4
589	10/30/2014 16:31:04	15.34	49.48	32.39	7.85	7.95	3.6	3.507	95.5	2.2	0.8	0.5
590	10/30/2014 16:46:04	15.29	49.58	32.46	7.85	7.96	3.2	3.544	95.5	1.6	0.6	0.4
591	10/30/2014 17:01:04	15.27	49.62	32.49	7.85	7.96	3.4	3.572	95.5	1.9	0.7	0.4
592	10/30/2014 17:16:04	15.27	49.65	32.51	7.81	7.96	3.2	3.583	95.0	2.3	0.9	0.5
593	10/30/2014 17:31:04	15.35	49.55	32.44	7.71	7.94	4.3	3.579	94.0	1.7	0.6	0.4
594	10/30/2014 17:46:04	15.28	49.67	32.53	7.74	7.95	3.4	3.570	94.2	1.4	0.5	0.3
595	10/30/2014 18:01:04	15.29	49.66	32.52	7.80	7.95	3.7	3.535	94.9	2.2	0.8	0.5
596	10/30/2014 18:16:04	15.30	49.63	32.50	7.74	7.95	3.6	3.482	94.3	2.0	0.8	0.5
597	10/30/2014 18:31:04	15.56	49.37	32.31	7.66	7.93	4.3	3.415	93.6	1.8	0.7	0.4
598	10/30/2014 18:46:04	15.71	49.21	32.20	7.65	7.92	5.2	3.346	93.7	2.2	0.8	0.5
599	10/30/2014 19:01:04	15.76	49.16	32.17	7.63	7.91	4.7	3.274	93.6	2.1	0.8	0.5
600	10/30/2014 19:16:04	15.79	49.09	32.11	7.70	7.91	4.4	3.179	94.4	2.3	0.9	0.5
601	10/30/2014 19:31:04	15.81	49.06	32.09	7.67	7.91	4.5	3.085	94.1	2.2	0.8	0.5
602	10/30/2014 19:46:04	15.83	49.03	32.07	7.67	7.90	4.3	2.999	94.1	2.1	0.8	0.5
603	10/30/2014 20:01:04	15.91	48.92	31.99	7.63	7.90	4.0	2.900	93.8	2.4	0.9	0.6
604	10/30/2014 20:16:04	16.04	48.77	31.88	7.62	7.89	3.9	2.803	93.8	2.3	0.9	0.6
605	10/30/2014 20:31:04	16.18	48.71	31.84	7.68	7.89	4.8	2.709	94.8	2.4	0.9	0.6
606	10/30/2014 20:46:04	16.12	48.73	31.86	7.70	7.90	4.5	2.607	95.0	2.8	1.1	0.7
607	10/30/2014 21:01:04	15.94	48.85	31.94	7.62	7.90	4.7	2.506	93.6	2.8	1.1	0.7
608	10/30/2014 21:16:04	15.99	48.79	31.90	7.62	7.90	4.7	2.410	93.7	2.8	1.1	0.7
609	10/30/2014 21:31:04	16.04	48.70	31.83	7.64	7.89	5.1	2.300	94.0	2.5	1.0	0.6
610	10/30/2014 21:46:04	16.07	48.59	31.76	7.64	7.88	5.9	2.187	94.1	3.0	1.1	0.7
611	10/30/2014 22:01:04	16.09	48.57	31.74	7.66	7.88	5.8	2.103	94.3	2.4	0.9	0.6
612	10/30/2014 22:16:04	16.14	48.42	31.63	7.65	7.87	5.0	2.000	94.3	2.8	1.1	0.7
613	10/30/2014 22:31:04	16.18	48.43	31.64	7.60	7.87	5.1	1.896	93.6	2.6	1.0	0.6
614	10/30/2014 22:46:04	16.20	48.36	31.59	7.65	7.87	6.9	1.822	94.3	3.6	1.4	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
615	10/30/2014 23:01:04	16.33	48.17	31.45	7.72	7.87	4.7	1.745	95.3	2.5	1.0	0.6
616	10/30/2014 23:16:04	16.40	48.09	31.39	7.76	7.87	3.9	1.698	95.9	2.8	1.1	0.7
617	10/30/2014 23:31:04	16.44	48.01	31.34	7.77	7.87	4.5	1.653	96.1	2.9	1.1	0.7
618	10/30/2014 23:46:04	16.48	47.88	31.25	7.78	7.87	4.5	1.636	96.3	2.8	1.1	0.7
619	10/31/2014 0:01:03	16.44	47.92	31.27	7.77	7.87	4.0	1.641	96.0	2.7	1.0	0.6
620	10/31/2014 0:16:03	16.47	47.88	31.24	7.88	7.87	3.2	1.655	97.4	2.3	0.9	0.5
621	10/31/2014 0:31:04	16.42	48.03	31.35	7.84	7.87	3.4	1.694	96.9	2.6	1.0	0.6
622	10/31/2014 0:46:04	16.41	47.98	31.31	7.81	7.87	3.7	1.745	96.5	2.7	1.0	0.6
623	10/31/2014 1:01:04	16.42	47.96	31.30	7.86	7.87	3.6	1.808	97.2	2.6	1.0	0.6
624	10/31/2014 1:16:04	16.42	47.75	31.15	7.76	7.86	5.3	1.877	95.8	2.8	1.1	0.7
625	10/31/2014 1:31:04	16.42	47.68	31.10	7.71	7.86	9.4	1.970	95.1	3.0	1.1	0.7
626	10/31/2014 1:46:04	16.42	47.69	31.10	7.74	7.86	5.4	2.034	95.5	2.7	1.0	0.6
627	10/31/2014 2:01:04	16.41	47.44	30.92	7.70	7.85	5.3	2.096	94.9	2.5	1.0	0.6
628	10/31/2014 2:16:04	16.38	47.88	31.24	7.72	7.86	4.2	2.191	95.3	2.5	1.0	0.6
629	10/31/2014 2:31:04	16.34	48.00	31.33	7.75	7.86	4.0	2.269	95.6	2.9	1.1	0.7
630	10/31/2014 2:46:04	16.24	48.23	31.50	7.64	7.86	4.6	2.325	94.2	2.2	0.8	0.5
631	10/31/2014 3:01:03	16.16	48.33	31.57	7.56	7.87	4.8	2.413	93.1	2.2	0.8	0.5
632	10/31/2014 3:16:04	16.10	48.39	31.61	7.53	7.86	4.6	2.492	92.7	2.5	1.0	0.6
633	10/31/2014 3:31:04	16.06	48.50	31.69	7.48	7.86	4.8	2.562	92.0	2.6	1.0	0.6
634	10/31/2014 3:46:04	16.01	48.52	31.70	7.50	7.87	5.0	2.645	92.1	2.2	0.8	0.5
635	10/31/2014 4:01:04	15.99	48.55	31.72	7.53	7.87	5.3	2.723	92.5	3.0	1.1	0.7
636	10/31/2014 4:16:04	15.93	48.58	31.74	7.52	7.87	5.6	2.809	92.3	2.7	1.0	0.6
637	10/31/2014 4:31:04	15.88	48.65	31.79	7.51	7.88	6.2	2.874	92.1	2.6	1.0	0.6
638	10/31/2014 4:46:04	15.84	48.73	31.85	7.52	7.88	5.6	2.954	92.1	2.6	1.0	0.6
639	10/31/2014 5:01:04	15.78	48.84	31.93	7.53	7.89	6.1	3.033	92.2	2.1	0.8	0.5
640	10/31/2014 5:16:04	15.70	48.93	32.00	7.55	7.90	6.5	3.104	92.3	2.1	0.8	0.5
641	10/31/2014 5:31:04	15.65	48.94	32.00	7.56	7.90	6.0	3.182	92.4	2.5	1.0	0.6
642	10/31/2014 5:46:04	15.57	49.05	32.08	7.58	7.91	6.0	3.271	92.6	2.5	1.0	0.6
643	10/31/2014 6:01:04	15.43	49.19	32.18	7.64	7.92	5.7	3.332	93.1	2.2	0.8	0.5
644	10/31/2014 6:16:04	15.36	49.27	32.24	7.65	7.93	5.0	3.385	93.1	2.3	0.9	0.6
645	10/31/2014 6:31:04	15.30	49.40	32.33	7.66	7.94	5.1	3.430	93.2	1.6	0.6	0.4
646	10/31/2014 6:46:04	15.26	49.44	32.36	7.67	7.94	4.6	3.477	93.2	1.9	0.7	0.5
647	10/31/2014 7:01:04	15.25	49.44	32.36	7.65	7.94	4.3	3.482	92.9	2.2	0.8	0.5
648	10/31/2014 7:16:04	15.31	49.41	32.34	7.52	7.93	3.8	3.499	91.4	2.1	0.8	0.5
649	10/31/2014 7:31:04	15.25	49.47	32.38	7.53	7.93	4.0	3.492	91.5	1.7	0.6	0.4
650	10/31/2014 7:46:04	15.23	49.46	32.37	7.60	7.94	4.1	3.467	92.3	1.6	0.6	0.4
651	10/31/2014 8:01:04	15.28	49.39	32.32	7.54	7.93	4.5	3.436	91.7	1.2	0.5	0.3
652	10/31/2014 8:16:04	15.57	48.85	31.93	7.37	7.89	7.0	3.372	89.9	1.9	0.7	0.4
653	10/31/2014 8:31:04	15.43	48.97	32.02	7.45	7.90	5.7	3.315	90.7	2.0	0.8	0.5
654	10/31/2014 8:46:03	15.41	48.99	32.04	7.47	7.90	5.1	3.260	90.9	1.9	0.7	0.4
655	10/31/2014 9:01:04	15.48	48.85	31.93	7.43	7.89	5.0	3.185	90.5	1.8	0.7	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
656	10/31/2014 9:16:04	15.58	48.64	31.78	7.35	7.88	5.3	3.115	89.6	2.0	0.8	0.5
657	10/31/2014 9:31:04	15.64	48.69	31.82	7.33	7.88	4.5	3.050	89.4	2.0	0.8	0.5
658	10/31/2014 9:46:04	15.68	48.63	31.78	7.34	7.87	4.5	2.986	89.6	1.9	0.7	0.5
659	10/31/2014 10:01:04	15.71	48.37	31.59	7.26	7.86	4.5	2.920	88.6	2.1	0.8	0.5
660	10/31/2014 10:16:04	15.76	48.33	31.56	7.25	7.85	4.3	2.846	88.6	1.8	0.7	0.4
661	10/31/2014 10:31:04	15.77	48.42	31.63	7.22	7.85	4.4	2.793	88.2	2.1	0.8	0.5
662	10/31/2014 10:46:04	15.77	48.31	31.55	7.22	7.85	4.7	2.729	88.2	2.2	0.8	0.5
663	10/31/2014 11:01:04	15.78	48.34	31.57	7.23	7.85	4.6	2.681	88.4	2.4	0.9	0.6
664	10/31/2014 11:16:04	15.85	48.26	31.51	7.27	7.85	4.7	2.633	88.9	2.0	0.8	0.5
665	10/31/2014 11:31:04	15.95	48.07	31.38	7.29	7.85	4.6	2.592	89.3	1.8	0.7	0.4
666	10/31/2014 11:46:04	15.99	48.10	31.40	7.36	7.85	4.4	2.534	90.2	2.1	0.8	0.5
667	10/31/2014 12:01:04	16.03	48.12	31.41	7.41	7.86	4.1	2.500	90.9	2.3	0.9	0.5
668	10/31/2014 12:16:04	16.05	48.14	31.43	7.40	7.85	4.5	2.482	90.8	2.5	1.0	0.6
669	10/31/2014 12:31:04	16.08	48.11	31.40	7.26	7.85	3.4	2.472	89.2	1.7	0.6	0.4
670	10/31/2014 12:46:04	16.06	48.10	31.40	7.36	7.85	4.3	2.453	90.4	2.2	0.8	0.5
671	10/31/2014 13:01:04	15.98	48.19	31.46	7.30	7.85	3.2	2.465	89.5	1.3	0.5	0.3
672	10/31/2014 13:16:04	15.93	48.21	31.47	7.28	7.85	3.7	2.475	89.1	1.6	0.6	0.4
673	10/31/2014 13:31:04	15.93	48.23	31.49	7.31	7.85	3.4	2.504	89.6	2.2	0.8	0.5
674	10/31/2014 13:46:04	15.95	48.22	31.48	7.33	7.85	3.6	2.539	89.8	2.1	0.8	0.5
675	10/31/2014 14:01:04	15.99	48.15	31.43	7.35	7.85	4.1	2.581	90.2	1.9	0.7	0.4
676	10/31/2014 14:16:04	15.94	48.16	31.44	7.34	7.85	3.7	2.629	90.0	2.3	0.9	0.6
677	10/31/2014 14:31:04	15.93	48.18	31.45	7.34	7.85	3.7	2.687	90.0	1.9	0.7	0.4
678	10/31/2014 14:46:04	15.89	48.21	31.47	7.35	7.85	4.2	2.750	90.0	1.8	0.7	0.4
679	10/31/2014 15:01:04	15.78	48.43	31.63	7.35	7.86	4.9	2.800	89.9	2.0	0.8	0.5
680	10/31/2014 15:16:04	15.72	48.58	31.74	7.39	7.87	4.4	2.864	90.3	2.2	0.8	0.5
681	10/31/2014 15:31:04	15.68	48.72	31.84	7.46	7.89	4.1	2.926	91.2	1.7	0.6	0.4
682	10/31/2014 15:46:04	15.70	48.81	31.91	7.51	7.89	4.9	2.980	91.8	1.7	0.6	0.4
683	10/31/2014 16:01:04	15.68	48.86	31.95	7.51	7.89	3.8	3.044	91.9	2.2	0.8	0.5
684	10/31/2014 16:16:04	15.67	48.94	32.00	7.52	7.90	3.6	3.122	91.9	2.1	0.8	0.5
685	10/31/2014 16:31:04	15.68	48.95	32.01	7.51	7.90	3.7	3.166	91.9	1.7	0.6	0.4
686	10/31/2014 16:46:04	15.62	49.02	32.06	7.54	7.90	4.2	3.235	92.1	2.0	0.8	0.5
687	10/31/2014 17:01:04	15.58	49.10	32.12	7.64	7.91	4.0	3.297	93.3	2.1	0.8	0.5
688	10/31/2014 17:16:04	15.51	49.22	32.21	7.69	7.93	4.2	3.355	93.8	2.3	0.9	0.5
689	10/31/2014 17:31:04	15.48	49.26	32.23	7.70	7.93	3.9	3.398	93.9	1.9	0.7	0.4
690	10/31/2014 17:46:04	15.47	49.21	32.20	7.71	7.94	3.9	3.428	94.0	2.4	0.9	0.6
691	10/31/2014 18:01:04	15.42	49.36	32.31	7.73	7.94	3.4	3.470	94.2	2.2	0.8	0.5
692	10/31/2014 18:16:04	15.39	49.42	32.35	7.73	7.95	3.6	3.500	94.2	2.6	1.0	0.6
693	10/31/2014 18:31:04	15.38	49.41	32.34	7.73	7.95	3.2	3.509	94.2	2.7	1.0	0.6
694	10/31/2014 18:46:04	15.43	49.33	32.29	7.62	7.94	3.2	3.511	92.8	2.3	0.9	0.5
695	10/31/2014 19:01:04	15.39	49.40	32.34	7.61	7.94	3.1	3.492	92.8	2.4	0.9	0.6
696	10/31/2014 19:16:03	15.40	49.44	32.36	7.64	7.94	3.1	3.473	93.1	2.6	1.0	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
697	10/31/2014 19:31:03	15.46	49.29	32.25	7.62	7.93	3.9	3.423	92.9	2.6	1.0	0.6
698	10/31/2014 19:46:04	15.64	49.03	32.07	7.48	7.90	4.3	3.359	91.4	2.2	0.8	0.5
699	10/31/2014 20:01:04	15.53	49.00	32.04	7.47	7.90	4.8	3.278	91.1	2.6	1.0	0.6
700	10/31/2014 20:16:04	15.56	48.98	32.03	7.58	7.91	4.8	3.216	92.5	2.8	1.1	0.7
701	10/31/2014 20:31:04	15.77	48.75	31.87	7.65	7.90	4.3	3.140	93.7	2.1	0.8	0.5
702	10/31/2014 20:46:04	15.79	48.76	31.87	7.65	7.90	4.6	3.044	93.7	2.9	1.1	0.7
703	10/31/2014 21:01:04	15.80	48.68	31.82	7.64	7.90	4.1	2.948	93.6	2.4	0.9	0.6
704	10/31/2014 21:16:04	15.90	48.64	31.79	7.69	7.90	4.2	2.890	94.4	2.6	1.0	0.6
705	10/31/2014 21:31:04	15.95	48.43	31.64	7.80	7.90	4.0	2.786	95.7	3.0	1.1	0.7
706	10/31/2014 21:46:04	16.09	48.47	31.67	8.00	7.91	4.5	2.710	98.4	2.5	1.0	0.6
707	10/31/2014 22:01:04	15.95	48.57	31.74	7.79	7.90	5.2	2.609	95.6	2.4	0.9	0.6
708	10/31/2014 22:16:04	15.85	48.50	31.68	7.74	7.89	4.8	2.531	94.8	2.5	1.0	0.6
709	10/31/2014 22:31:04	15.93	48.36	31.58	7.78	7.90	5.3	2.416	95.4	2.5	1.0	0.6
710	10/31/2014 22:46:04	15.87	48.35	31.58	7.75	7.90	5.2	2.318	95.0	2.8	1.1	0.7
711	10/31/2014 23:01:04	15.87	48.28	31.52	7.78	7.90	5.1	2.226	95.3	2.6	1.0	0.6
712	10/31/2014 23:16:04	15.82	48.22	31.48	7.90	7.90	5.5	2.138	96.6	2.1	0.8	0.5
713	10/31/2014 23:31:04	15.90	48.04	31.35	7.98	7.90	4.8	2.064	97.7	2.8	1.1	0.7
714	10/31/2014 23:46:04	15.91	47.95	31.28	7.95	7.90	4.6	1.968	97.3	2.9	1.1	0.7
715	11/1/2014 0:01:04	15.92	47.82	31.19	8.04	7.90	4.3	1.904	98.3	2.9	1.1	0.7
716	11/1/2014 0:16:04	15.93	47.67	31.08	8.14	7.91	4.0	1.839	99.5	2.7	1.0	0.6
717	11/1/2014 0:31:04	15.99	47.56	31.00	8.16	7.91	3.6	1.781	99.8	2.7	1.0	0.6
718	11/1/2014 0:46:04	15.98	47.56	31.00	8.15	7.91	3.7	1.752	99.6	2.6	1.0	0.6
719	11/1/2014 1:01:04	16.02	47.48	30.95	8.16	7.91	3.2	1.745	99.9	2.8	1.1	0.7
720	11/1/2014 1:16:04	15.98	47.53	30.98	8.13	7.91	3.7	1.742	99.4	2.7	1.0	0.6
721	11/1/2014 1:31:04	15.96	47.50	30.96	8.22	7.91	3.4	1.763	100.4	2.5	1.0	0.6
722	11/1/2014 1:46:04	15.95	47.57	31.01	8.14	7.91	4.0	1.815	99.5	2.8	1.1	0.7
723	11/1/2014 2:01:04	15.94	47.65	31.07	8.08	7.90	3.9	1.842	98.8	2.6	1.0	0.6
724	11/1/2014 2:16:04	15.95	47.68	31.09	8.05	7.90	3.7	1.907	98.5	2.3	0.9	0.5
725	11/1/2014 2:31:04	15.94	47.37	30.87	8.01	7.89	4.7	1.979	97.8	2.9	1.1	0.7
726	11/1/2014 2:46:04	15.92	46.36	30.13	7.90	7.87	5.2	2.063	96.0	3.3	1.3	0.8
727	11/1/2014 3:01:04	15.99	47.50	30.96	7.94	7.89	4.7	2.126	97.1	2.7	1.0	0.6
728	11/1/2014 3:16:04	16.00	47.57	31.01	7.91	7.89	4.2	2.209	96.7	2.9	1.1	0.7
729	11/1/2014 3:31:04	16.01	47.55	31.00	7.88	7.88	4.2	2.271	96.4	2.8	1.1	0.7
730	11/1/2014 3:46:04	15.99	47.78	31.17	7.78	7.88	4.5	2.364	95.2	2.8	1.1	0.7
731	11/1/2014 4:01:04	15.92	47.97	31.30	7.62	7.88	4.4	2.451	93.3	2.2	0.8	0.5
732	11/1/2014 4:16:04	15.88	48.12	31.41	7.50	7.87	4.7	2.534	91.8	2.5	1.0	0.6
733	11/1/2014 4:31:04	15.86	48.29	31.54	7.43	7.87	5.0	2.603	91.0	2.6	1.0	0.6
734	11/1/2014 4:46:04	15.79	48.39	31.61	7.44	7.87	5.2	2.695	90.9	2.5	1.0	0.6
735	11/1/2014 5:01:04	15.76	48.44	31.64	7.43	7.87	5.5	2.763	90.9	2.8	1.1	0.7
736	11/1/2014 5:16:04	15.70	48.50	31.68	7.42	7.87	6.1	2.848	90.6	2.4	0.9	0.6
737	11/1/2014 5:31:04	15.63	48.56	31.73	7.42	7.87	6.7	2.919	90.6	2.2	0.8	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
738	11/1/2014 5:46:04	15.61	48.69	31.82	7.43	7.88	7.3	3.028	90.6	2.1	0.8	0.5
739	11/1/2014 6:01:04	15.48	48.81	31.90	7.51	7.90	8.9	3.132	91.5	2.3	0.9	0.5
740	11/1/2014 6:16:04	15.39	48.92	31.98	7.53	7.91	8.7	3.192	91.6	2.2	0.8	0.5
741	11/1/2014 6:31:04	15.30	49.01	32.05	7.58	7.92	8.8	3.293	92.0	2.0	0.8	0.5
742	11/1/2014 6:46:04	15.22	49.24	32.21	7.67	7.94	9.2	3.371	93.1	3.0	1.1	0.7
743	11/1/2014 7:01:04	15.11	49.39	32.32	7.83	7.95	8.1	3.440	94.9	1.9	0.7	0.4
744	11/1/2014 7:16:04	15.06	49.53	32.42	7.91	7.96	9.0	3.495	95.8	2.8	1.1	0.7
745	11/1/2014 7:31:04	15.02	49.62	32.48	7.94	7.97	6.3	3.554	96.2	2.5	1.0	0.6
746	11/1/2014 7:46:04	15.01	49.64	32.50	7.96	7.97	5.2	3.601	96.4	2.7	1.0	0.6
747	11/1/2014 8:01:04	14.98	49.70	32.54	7.96	7.97	4.9	3.636	96.3	1.9	0.7	0.5
748	11/1/2014 8:16:04	15.04	49.55	32.44	7.81	7.95	4.0	3.645	94.5	2.1	0.8	0.5
749	11/1/2014 8:31:04	14.99	49.67	32.52	7.80	7.96	4.9	3.633	94.4	2.4	0.9	0.6
750	11/1/2014 8:46:04	14.96	49.71	32.55	7.91	7.97	4.3	3.603	95.7	1.9	0.7	0.5
751	11/1/2014 9:01:04	15.02	49.49	32.39	7.83	7.96	5.1	3.562	94.8	1.8	0.7	0.4
752	11/1/2014 9:16:04	15.10	48.87	31.94	7.52	7.90	6.5	3.501	90.9	2.2	0.8	0.5
753	11/1/2014 9:31:04	15.06	49.20	32.18	7.67	7.93	5.3	3.413	92.8	2.4	0.9	0.6
754	11/1/2014 9:46:04	15.10	49.26	32.22	7.82	7.93	4.7	3.346	94.7	2.3	0.9	0.5
755	11/1/2014 10:01:04	15.19	48.99	32.03	7.64	7.91	4.7	3.279	92.6	2.0	0.8	0.5
756	11/1/2014 10:16:04	15.27	48.83	31.91	7.52	7.90	4.7	3.187	91.2	2.4	0.9	0.6
757	11/1/2014 10:31:04	15.32	48.70	31.82	7.48	7.89	4.3	3.113	90.7	2.2	0.8	0.5
758	11/1/2014 10:46:04	15.37	48.59	31.74	7.43	7.89	4.3	3.042	90.2	2.0	0.8	0.5
759	11/1/2014 11:01:04	15.42	48.52	31.69	7.39	7.88	4.0	2.964	89.8	2.4	0.9	0.6
760	11/1/2014 11:16:04	15.47	48.43	31.63	7.38	7.87	3.7	2.900	89.7	2.0	0.8	0.5
761	11/1/2014 11:31:04	15.51	48.32	31.55	7.39	7.86	3.8	2.805	89.8	1.7	0.6	0.4
762	11/1/2014 11:46:04	15.55	48.20	31.46	7.36	7.86	3.6	2.748	89.5	2.2	0.8	0.5
763	11/1/2014 12:01:04	15.70	48.30	31.54	7.53	7.87	4.3	2.683	91.8	1.7	0.6	0.4
764	11/1/2014 12:16:04	15.77	48.35	31.58	7.67	7.89	3.7	2.601	93.7	2.5	1.0	0.6
765	11/1/2014 12:31:04	15.83	48.20	31.47	7.79	7.89	3.5	2.538	95.3	2.4	0.9	0.6
766	11/1/2014 12:46:04	15.90	48.18	31.46	7.81	7.90	3.6	2.458	95.6	2.5	1.0	0.6
767	11/1/2014 13:01:04	15.97	48.15	31.43	7.91	7.90	3.2	2.431	97.0	2.1	0.8	0.5
768	11/1/2014 13:16:04	16.01	48.11	31.40	8.01	7.91	3.0	2.371	98.3	2.5	1.0	0.6
769	11/1/2014 13:31:04	16.02	48.02	31.34	8.10	7.91	2.8	2.334	99.3	2.2	0.8	0.5
770	11/1/2014 13:46:04	16.07	47.90	31.25	8.13	7.91	2.7	2.317	99.8	1.7	0.6	0.4
771	11/1/2014 14:01:04	16.11	47.88	31.24	8.18	7.92	2.7	2.288	100.4	2.3	0.9	0.5
772	11/1/2014 14:16:04	16.00	47.91	31.26	8.12	7.92	2.9	2.285	99.5	2.6	1.0	0.6
773	11/1/2014 14:31:04	16.14	47.98	31.31	8.07	7.91	2.9	2.299	99.2	2.5	1.0	0.6
774	11/1/2014 14:46:04	16.02	47.92	31.27	8.08	7.91	2.8	2.344	99.0	2.7	1.0	0.6
775	11/1/2014 15:01:04	16.03	47.95	31.29	8.04	7.90	2.9	2.368	98.6	2.4	0.9	0.6
776	11/1/2014 15:16:04	15.98	47.92	31.27	7.90	7.89	3.2	2.409	96.8	2.0	0.8	0.5
777	11/1/2014 15:31:04	15.85	47.90	31.25	7.78	7.88	3.6	2.480	95.1	2.5	1.0	0.6
778	11/1/2014 15:46:04	15.91	47.68	31.09	7.76	7.87	4.4	2.530	94.8	2.7	1.0	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
779	11/1/2014 16:01:04	15.87	47.73	31.13	7.71	7.87	4.2	2.598	94.2	2.0	0.8	0.5
780	11/1/2014 16:16:04	15.80	47.85	31.21	7.67	7.87	3.7	2.676	93.6	2.6	1.0	0.6
781	11/1/2014 16:31:04	15.71	48.00	31.32	7.61	7.87	3.9	2.747	92.8	2.4	0.9	0.6
782	11/1/2014 16:46:04	15.65	48.19	31.45	7.57	7.88	3.9	2.817	92.2	2.2	0.8	0.5
783	11/1/2014 17:01:04	15.65	48.24	31.49	7.61	7.88	3.8	2.880	92.7	2.2	0.8	0.5
784	11/1/2014 17:16:04	15.62	48.52	31.70	7.59	7.89	4.2	2.947	92.6	2.6	1.0	0.6
785	11/1/2014 17:31:04	15.57	48.63	31.78	7.55	7.89	4.0	3.017	92.0	2.0	0.8	0.5
786	11/1/2014 17:46:04	15.54	48.68	31.81	7.55	7.89	4.1	3.077	92.0	2.6	1.0	0.6
787	11/1/2014 18:01:04	15.51	48.71	31.83	7.59	7.90	3.6	3.154	92.4	2.4	0.9	0.6
788	11/1/2014 18:16:04	15.47	48.81	31.90	7.65	7.90	4.3	3.205	93.1	2.6	1.0	0.6
789	11/1/2014 18:31:04	15.42	48.92	31.98	7.66	7.91	4.1	3.279	93.2	2.2	0.8	0.5
790	11/1/2014 18:46:04	15.37	49.00	32.04	7.69	7.92	4.0	3.338	93.5	2.5	1.0	0.6
791	11/1/2014 19:01:04	15.33	49.08	32.10	7.70	7.92	4.2	3.392	93.6	2.6	1.0	0.6
792	11/1/2014 19:16:04	15.31	49.12	32.13	7.73	7.93	5.0	3.432	93.9	2.5	1.0	0.6
793	11/1/2014 19:31:04	15.30	49.19	32.17	7.78	7.94	4.2	3.473	94.5	2.7	1.0	0.6
794	11/1/2014 19:46:04	15.29	49.21	32.19	7.82	7.94	4.6	3.494	95.0	3.0	1.1	0.7
795	11/1/2014 20:01:04	15.33	49.14	32.14	7.69	7.93	3.4	3.516	93.6	2.6	1.0	0.6
796	11/1/2014 20:16:04	15.30	49.18	32.17	7.65	7.93	3.6	3.494	93.0	2.7	1.0	0.6
797	11/1/2014 20:31:04	15.28	49.19	32.18	7.70	7.93	3.9	3.462	93.6	2.8	1.1	0.7
798	11/1/2014 20:46:04	15.30	49.13	32.13	7.68	7.93	4.2	3.422	93.3	2.0	0.8	0.5
799	11/1/2014 21:01:04	15.33	48.81	31.90	7.51	7.90	6.2	3.365	91.2	2.8	1.1	0.7
800	11/1/2014 21:16:04	15.34	48.85	31.93	7.60	7.90	5.6	3.285	92.3	2.8	1.1	0.7
801	11/1/2014 21:31:04	15.32	48.89	31.96	7.67	7.91	4.8	3.219	93.1	3.1	1.2	0.7
802	11/1/2014 21:46:04	15.35	48.75	31.86	7.59	7.90	5.1	3.131	92.2	2.7	1.0	0.6
803	11/1/2014 22:01:04	15.47	48.57	31.73	7.60	7.89	5.2	3.059	92.4	2.9	1.1	0.7
804	11/1/2014 22:16:04	15.56	48.45	31.64	7.72	7.90	4.8	2.969	94.0	3.1	1.2	0.7
805	11/1/2014 22:31:04	15.66	48.36	31.58	7.81	7.90	5.0	2.885	95.3	3.0	1.1	0.7
806	11/1/2014 22:46:04	15.74	48.29	31.53	7.94	7.92	4.9	2.795	96.9	2.6	1.0	0.6
807	11/1/2014 23:01:04	15.73	48.28	31.53	7.99	7.92	5.1	2.708	97.5	2.7	1.0	0.6
808	11/1/2014 23:16:04	15.44	48.45	31.64	7.69	7.90	5.3	2.611	93.4	2.5	1.0	0.6
809	11/1/2014 23:31:04	15.46	48.25	31.50	7.69	7.90	5.2	2.513	93.4	2.7	1.0	0.6
810	11/1/2014 23:46:04	15.39	48.25	31.49	7.76	7.90	5.9	2.418	94.0	3.3	1.3	0.8
811	11/2/2014 0:01:03	15.43	48.19	31.45	7.78	7.90	5.7	2.310	94.4	3.6	1.4	0.8
812	11/2/2014 0:16:04	15.49	48.01	31.32	7.86	7.91	5.3	2.212	95.4	2.5	1.0	0.6
813	11/2/2014 0:31:04	15.39	48.00	31.31	7.86	7.92	5.3	2.114	95.2	2.7	1.0	0.6
814	11/2/2014 0:46:04	15.40	47.86	31.21	8.02	7.93	5.1	2.021	97.1	3.2	1.2	0.8
815	11/2/2014 1:01:04	15.40	47.75	31.13	8.09	7.93	4.5	1.943	97.9	3.0	1.1	0.7
816	11/2/2014 1:16:04	15.42	47.61	31.03	8.20	7.94	4.1	1.884	99.2	2.6	1.0	0.6
817	11/2/2014 1:31:04	15.43	47.51	30.96	8.27	7.95	3.7	1.825	100.0	2.9	1.1	0.7
818	11/2/2014 1:46:04	15.40	47.36	30.85	8.36	7.96	3.5	1.767	101.0	2.3	0.9	0.5
819	11/2/2014 1:01:04	15.42	47.33	30.82	8.34	7.96	3.9	1.767	100.8	2.8	1.1	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
820	11/2/2014 1:16:04	15.41	47.35	30.84	8.32	7.95	3.4	1.761	100.6	2.3	0.9	0.5
821	11/2/2014 1:31:04	15.42	47.42	30.89	8.34	7.95	3.6	1.768	100.7	2.7	1.0	0.6
822	11/2/2014 1:46:04	15.44	47.46	30.92	8.29	7.94	3.4	1.817	100.3	2.2	0.8	0.5
823	11/2/2014 2:01:04	15.47	47.46	30.92	8.27	7.94	3.5	1.873	100.0	2.3	0.9	0.5
824	11/2/2014 2:16:04	15.50	47.49	30.94	8.28	7.94	3.2	1.942	100.3	2.3	0.9	0.5
825	11/2/2014 2:31:04	15.49	47.39	30.87	8.20	7.93	3.7	2.011	99.2	2.5	1.0	0.6
826	11/2/2014 2:46:04	15.47	47.20	30.73	8.09	7.92	3.9	2.086	97.8	2.0	0.8	0.5
827	11/2/2014 3:01:04	15.50	47.26	30.78	8.04	7.91	4.1	2.173	97.2	2.4	0.9	0.6
828	11/2/2014 3:16:04	15.52	47.32	30.82	8.01	7.91	4.1	2.269	96.9	2.7	1.0	0.6
829	11/2/2014 3:31:04	15.51	47.33	30.83	7.95	7.90	4.3	2.341	96.2	2.5	1.0	0.6
830	11/2/2014 3:46:04	15.51	47.54	30.98	7.83	7.89	4.3	2.435	94.8	2.7	1.0	0.6
831	11/2/2014 4:01:04	15.48	47.71	31.10	7.71	7.88	4.3	2.517	93.4	2.4	0.9	0.6
832	11/2/2014 4:16:04	15.50	47.95	31.28	7.58	7.87	5.0	2.608	92.0	2.4	0.9	0.6
833	11/2/2014 4:31:04	15.48	48.16	31.43	7.49	7.87	5.0	2.697	91.0	2.6	1.0	0.6
834	11/2/2014 4:46:04	15.42	48.26	31.50	7.50	7.87	5.0	2.777	91.0	2.5	1.0	0.6
835	11/2/2014 5:01:04	15.40	48.27	31.51	7.53	7.87	5.6	2.863	91.3	2.4	0.9	0.6
836	11/2/2014 5:16:04	15.35	48.34	31.56	7.49	7.87	6.4	2.945	90.8	2.9	1.1	0.7
837	11/2/2014 5:31:04	15.32	48.43	31.62	7.50	7.88	6.5	3.040	90.8	2.7	1.0	0.6
838	11/2/2014 5:46:04	15.30	48.53	31.70	7.55	7.89	8.6	3.126	91.5	2.6	1.0	0.6
839	11/2/2014 6:01:04	15.18	48.72	31.83	7.63	7.90	9.2	3.217	92.3	2.4	0.9	0.6
840	11/2/2014 6:16:04	15.11	48.83	31.91	7.70	7.91	8.6	3.295	93.0	2.4	0.9	0.6
841	11/2/2014 6:31:04	15.03	49.02	32.05	7.74	7.93	9.7	3.383	93.4	2.8	1.1	0.7
842	11/2/2014 6:46:04	14.96	49.24	32.21	7.83	7.94	8.1	3.471	94.5	2.6	1.0	0.6
843	11/2/2014 7:01:04	14.86	49.45	32.36	7.96	7.96	8.1	3.543	96.0	2.2	0.8	0.5
844	11/2/2014 7:16:04	14.84	49.53	32.41	7.95	7.96	6.8	3.618	95.9	2.4	0.9	0.6
845	11/2/2014 7:31:04	14.81	49.54	32.42	7.94	7.96	5.7	3.665	95.7	2.1	0.8	0.5
846	11/2/2014 7:46:04	14.78	49.60	32.47	7.98	7.97	5.6	3.714	96.1	2.5	1.0	0.6
847	11/2/2014 8:01:04	14.76	49.63	32.49	7.98	7.97	5.1	3.746	96.1	2.4	0.9	0.6
848	11/2/2014 8:16:04	14.76	49.50	32.39	7.89	7.96	3.4	3.766	95.0	2.6	1.0	0.6
849	11/2/2014 8:31:04	14.76	49.57	32.44	7.82	7.96	4.3	3.739	94.1	2.0	0.8	0.5
850	11/2/2014 8:46:04	14.74	49.65	32.50	7.92	7.96	4.7	3.712	95.4	2.4	0.9	0.6
851	11/2/2014 9:01:04	14.77	49.59	32.46	7.89	7.96	4.8	3.654	95.0	1.7	0.6	0.4
852	11/2/2014 9:16:04	14.89	49.14	32.13	7.79	7.93	5.3	3.575	93.9	2.0	0.8	0.5
853	11/2/2014 9:31:04	14.94	49.36	32.29	7.97	7.96	5.1	3.485	96.2	1.8	0.7	0.4
854	11/2/2014 9:46:04	15.02	49.12	32.12	7.85	7.94	5.2	3.394	94.9	2.2	0.8	0.5
855	11/2/2014 10:01:04	15.04	48.81	31.89	7.78	7.92	5.4	3.299	93.8	2.3	0.9	0.5
856	11/2/2014 10:16:04	15.08	48.70	31.82	7.70	7.91	4.9	3.205	92.9	2.3	0.9	0.5
857	11/2/2014 10:31:04	15.12	48.56	31.72	7.70	7.90	4.5	3.108	92.9	2.3	0.9	0.5
858	11/2/2014 10:46:04	15.16	48.42	31.61	7.65	7.89	3.9	3.012	92.4	1.8	0.7	0.4
859	11/2/2014 11:01:04	15.19	48.17	31.43	7.65	7.89	3.8	2.921	92.4	1.7	0.6	0.4
860	11/2/2014 11:16:04	15.23	48.04	31.34	7.67	7.88	3.8	2.829	92.6	1.8	0.7	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
861	11/2/2014 11:31:04	15.43	48.33	31.55	7.82	7.90	4.2	2.726	95.0	1.9	0.7	0.4
862	11/2/2014 11:46:04	15.54	48.49	31.67	8.04	7.93	4.5	2.630	97.9	2.6	1.0	0.6
863	11/2/2014 12:01:04	15.51	48.16	31.43	8.08	7.92	4.7	2.526	98.1	2.5	1.0	0.6
864	11/2/2014 12:16:04	15.73	48.46	31.65	8.28	7.94	4.5	2.433	101.1	2.0	0.8	0.5
865	11/2/2014 12:31:04	15.62	48.03	31.34	8.31	7.94	3.9	2.359	101.2	2.9	1.1	0.7
866	11/2/2014 12:46:04	15.74	48.13	31.42	8.41	7.95	3.8	2.257	102.6	2.5	1.0	0.6
867	11/2/2014 13:01:04	15.88	48.18	31.45	8.48	7.96	4.3	2.176	103.8	2.5	1.0	0.6
868	11/2/2014 13:16:04	15.90	48.06	31.36	8.58	7.96	5.2	2.126	105.0	2.7	1.0	0.6
869	11/2/2014 13:31:04	15.89	47.98	31.31	8.61	7.96	4.7	2.066	105.3	2.9	1.1	0.7
870	11/2/2014 13:46:04	15.86	47.88	31.24	8.71	7.97	3.4	2.015	106.4	2.7	1.0	0.6
871	11/2/2014 14:01:04	15.93	47.87	31.23	8.77	7.98	3.2	2.006	107.3	2.9	1.1	0.7
872	11/2/2014 14:16:04	15.96	47.84	31.21	8.76	7.97	3.6	2.018	107.2	2.9	1.1	0.7
873	11/2/2014 14:31:04	15.83	47.80	31.18	8.73	7.97	2.9	2.025	106.6	2.9	1.1	0.7
874	11/2/2014 14:46:04	15.73	47.75	31.14	8.68	7.97	2.8	2.066	105.7	3.1	1.2	0.7
875	11/2/2014 15:01:04	15.62	47.58	31.01	8.65	7.96	2.8	2.116	105.1	2.6	1.0	0.6
876	11/2/2014 15:16:04	15.58	47.61	31.04	8.63	7.96	3.1	2.192	104.7	2.9	1.1	0.7
877	11/2/2014 15:31:04	15.58	47.56	31.00	8.48	7.95	3.8	2.267	102.9	2.6	1.0	0.6
878	11/2/2014 15:46:04	15.54	47.39	30.87	8.36	7.93	4.3	2.337	101.2	2.8	1.1	0.7
879	11/2/2014 16:01:04	15.55	47.43	30.91	8.29	7.93	4.2	2.425	100.4	2.6	1.0	0.6
880	11/2/2014 16:16:04	15.56	47.60	31.03	8.26	7.93	4.0	2.507	100.1	2.6	1.0	0.6
881	11/2/2014 16:31:04	15.56	47.70	31.10	8.19	7.92	4.0	2.571	99.4	2.0	0.8	0.5
882	11/2/2014 16:46:04	15.49	47.80	31.17	8.06	7.91	3.9	2.656	97.7	2.5	1.0	0.6
883	11/2/2014 17:01:04	15.44	47.99	31.31	7.88	7.90	4.2	2.726	95.5	2.2	0.8	0.5
884	11/2/2014 17:16:04	15.41	48.10	31.39	7.80	7.90	4.0	2.799	94.6	2.5	1.0	0.6
885	11/2/2014 17:31:04	15.38	48.27	31.51	7.72	7.90	4.3	2.873	93.6	2.9	1.1	0.7
886	11/2/2014 17:46:04	15.35	48.30	31.53	7.71	7.90	4.7	2.944	93.4	3.0	1.1	0.7
887	11/2/2014 18:01:04	15.31	48.38	31.59	7.74	7.90	4.7	3.014	93.7	2.7	1.0	0.7
888	11/2/2014 18:16:04	15.27	48.46	31.64	7.74	7.90	4.5	3.086	93.7	2.9	1.1	0.7
889	11/2/2014 18:31:04	15.22	48.59	31.74	7.75	7.91	5.3	3.158	93.7	2.5	1.0	0.6
890	11/2/2014 18:46:04	15.19	48.63	31.76	7.74	7.91	5.0	3.226	93.6	2.4	0.9	0.6
891	11/2/2014 19:01:04	15.14	48.80	31.89	7.77	7.92	5.6	3.293	93.9	3.0	1.1	0.7
892	11/2/2014 19:16:04	15.08	48.88	31.95	7.82	7.93	6.0	3.355	94.5	2.9	1.1	0.7
893	11/2/2014 19:31:04	15.06	48.95	32.00	7.82	7.93	4.9	3.404	94.5	2.9	1.1	0.7
894	11/2/2014 19:46:04	15.02	49.05	32.07	7.84	7.93	4.4	3.451	94.7	3.3	1.3	0.8
895	11/2/2014 20:01:04	14.99	49.05	32.07	7.87	7.94	4.1	3.484	95.0	2.7	1.0	0.6
896	11/2/2014 20:16:04	15.00	49.05	32.07	7.77	7.94	3.5	3.490	93.8	3.2	1.2	0.7
897	11/2/2014 20:31:04	15.01	49.03	32.05	7.68	7.93	3.7	3.495	92.7	2.6	1.0	0.6
898	11/2/2014 20:46:04	14.97	49.16	32.15	7.69	7.94	3.9	3.479	92.8	2.6	1.0	0.6
899	11/2/2014 21:01:04	15.00	49.04	32.06	7.75	7.93	4.8	3.425	93.5	2.6	1.0	0.6
900	11/2/2014 21:16:04	15.04	48.86	31.93	7.72	7.92	4.7	3.363	93.1	2.7	1.0	0.6
901	11/2/2014 21:31:04	14.99	48.52	31.69	7.71	7.91	6.5	3.291	92.8	2.7	1.0	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
902	11/2/2014 21:46:04	14.98	48.74	31.84	7.73	7.92	6.3	3.208	93.2	2.4	0.9	0.6
903	11/2/2014 22:01:04	14.94	48.85	31.92	7.68	7.91	5.6	3.120	92.6	3.0	1.1	0.7
904	11/2/2014 22:16:04	15.03	48.52	31.69	7.62	7.90	5.6	3.020	91.9	2.7	1.0	0.6
905	11/2/2014 22:31:04	15.04	48.36	31.57	7.66	7.89	5.8	2.931	92.2	2.5	1.0	0.6
906	11/2/2014 22:46:04	15.07	48.27	31.50	7.75	7.90	5.9	2.841	93.4	3.3	1.3	0.8
907	11/2/2014 23:01:04	15.08	48.13	31.40	7.81	7.92	6.1	2.737	94.1	2.8	1.1	0.7
908	11/2/2014 23:16:04	15.12	48.09	31.37	7.98	7.94	5.4	2.643	96.2	3.2	1.2	0.8
909	11/2/2014 23:31:04	15.00	48.25	31.49	7.91	7.93	6.4	2.546	95.2	3.5	1.3	0.8
910	11/2/2014 23:46:04	15.02	48.14	31.41	7.88	7.92	6.2	2.440	94.7	2.4	0.9	0.6
911	11/3/2014 0:01:04	14.96	48.19	31.44	7.82	7.92	6.2	2.335	93.9	2.9	1.1	0.7
912	11/3/2014 0:16:04	14.95	48.17	31.43	7.83	7.92	5.7	2.229	94.0	2.7	1.0	0.6
913	11/3/2014 0:31:04	14.94	48.10	31.38	7.88	7.92	5.6	2.134	94.6	2.5	1.0	0.6
914	11/3/2014 0:46:04	14.91	47.99	31.30	7.91	7.93	5.7	2.049	94.8	2.5	1.0	0.6
915	11/3/2014 1:01:04	14.87	47.79	31.15	8.04	7.95	5.2	1.976	96.3	3.1	1.2	0.7
916	11/3/2014 1:16:04	14.82	47.54	30.96	8.26	7.97	4.5	1.899	98.7	2.7	1.0	0.6
917	11/3/2014 1:31:04	14.81	47.47	30.91	8.31	7.98	4.3	1.853	99.2	2.2	0.8	0.5
918	11/3/2014 1:46:04	14.76	47.36	30.83	8.36	7.99	4.0	1.823	99.7	2.4	0.9	0.6
919	11/3/2014 2:01:04	14.78	47.32	30.80	8.36	7.99	4.0	1.811	99.7	2.5	1.0	0.6
920	11/3/2014 2:16:04	14.78	47.38	30.85	8.35	7.98	4.1	1.815	99.6	2.3	0.9	0.5
921	11/3/2014 2:31:04	14.79	47.43	30.88	8.32	7.98	4.5	1.847	99.3	2.5	1.0	0.6
922	11/3/2014 2:46:04	14.83	47.47	30.92	8.27	7.97	4.0	1.897	98.8	2.3	0.9	0.5
923	11/3/2014 3:01:04	14.87	47.48	30.93	8.21	7.96	4.2	1.959	98.1	2.6	1.0	0.6
924	11/3/2014 3:16:04	14.80	47.37	30.84	8.13	7.95	5.0	2.028	97.0	2.2	0.8	0.5
925	11/3/2014 3:31:04	14.84	47.38	30.85	8.10	7.94	4.9	2.120	96.7	2.4	0.9	0.6
926	11/3/2014 3:46:04	14.83	47.19	30.71	8.03	7.93	5.2	2.213	95.8	2.4	0.9	0.6
927	11/3/2014 4:01:04	14.79	47.12	30.66	7.96	7.92	5.2	2.298	94.9	2.9	1.1	0.7
928	11/3/2014 4:16:04	14.79	47.22	30.73	7.96	7.92	4.8	2.393	94.9	3.0	1.1	0.7
929	11/3/2014 4:31:04	14.93	47.60	31.01	7.83	7.91	5.1	2.480	93.8	2.8	1.1	0.7
930	11/3/2014 4:46:04	14.97	47.85	31.20	7.76	7.90	5.1	2.560	93.1	2.3	0.9	0.5
931	11/3/2014 5:01:04	15.00	48.09	31.37	7.69	7.89	5.0	2.656	92.5	2.3	0.9	0.5
932	11/3/2014 5:16:04	15.01	48.20	31.45	7.67	7.89	5.3	2.743	92.2	2.4	0.9	0.6
933	11/3/2014 5:31:04	15.01	48.26	31.49	7.63	7.89	5.8	2.825	91.8	2.6	1.0	0.6
934	11/3/2014 5:46:04	15.00	48.32	31.54	7.62	7.89	6.7	2.920	91.7	2.4	0.9	0.6
935	11/3/2014 6:01:04	14.96	48.47	31.64	7.62	7.90	7.1	3.005	91.7	2.3	0.9	0.5
936	11/3/2014 6:16:04	14.95	48.53	31.69	7.66	7.90	8.2	3.099	92.1	2.6	1.0	0.6
937	11/3/2014 6:31:04	14.86	48.74	31.84	7.71	7.91	10.8	3.198	92.7	2.4	0.9	0.6
938	11/3/2014 6:46:04	14.77	48.92	31.97	7.76	7.92	9.3	3.291	93.2	2.5	1.0	0.6
939	11/3/2014 7:01:04	14.70	49.13	32.12	7.79	7.93	9.6	3.385	93.5	1.9	0.7	0.4
940	11/3/2014 7:16:04	14.59	49.40	32.31	7.85	7.95	9.6	3.481	94.1	1.9	0.7	0.5
941	11/3/2014 7:31:04	14.49	49.64	32.48	7.89	7.96	10.0	3.580	94.5	1.6	0.6	0.4
942	11/3/2014 7:46:04	14.41	49.74	32.56	7.91	7.97	9.4	3.659	94.7	2.5	1.0	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
943	11/3/2014 8:01:04	14.36	49.82	32.62	7.92	7.97	8.5	3.744	94.8	2.2	0.8	0.5
944	11/3/2014 8:16:04	14.34	49.87	32.65	7.93	7.98	6.8	3.805	94.8	2.5	1.0	0.6
945	11/3/2014 8:31:04	14.31	49.98	32.73	7.93	7.98	5.1	3.855	94.8	2.5	1.0	0.6
946	11/3/2014 8:46:04	14.28	50.02	32.76	7.93	7.98	4.5	3.889	94.8	1.8	0.7	0.4
947	11/3/2014 9:01:04	14.36	49.76	32.57	7.84	7.97	3.9	3.900	93.7	2.3	0.9	0.5
948	11/3/2014 9:16:04	14.31	49.95	32.71	7.78	7.97	4.0	3.886	93.0	1.4	0.5	0.3
949	11/3/2014 9:31:04	14.28	49.99	32.73	7.87	7.98	5.0	3.841	94.0	1.3	0.5	0.3
950	11/3/2014 9:46:04	14.52	49.57	32.44	7.83	7.96	4.8	3.778	93.9	2.7	1.0	0.6
951	11/3/2014 10:01:04	14.56	49.52	32.40	7.96	7.96	5.0	3.704	95.4	2.3	0.9	0.5
952	11/3/2014 10:16:04	14.55	49.63	32.48	7.97	7.97	5.1	3.611	95.6	1.7	0.6	0.4
953	11/3/2014 10:31:04	14.64	49.40	32.32	7.94	7.96	4.7	3.502	95.3	1.9	0.7	0.4
954	11/3/2014 10:46:04	14.77	49.02	32.04	7.87	7.94	4.9	3.391	94.5	2.1	0.8	0.5
955	11/3/2014 11:01:04	14.84	48.95	31.99	7.85	7.94	4.9	3.285	94.4	2.5	1.0	0.6
956	11/3/2014 11:16:04	14.84	48.84	31.91	7.85	7.93	4.7	3.175	94.4	1.7	0.6	0.4
957	11/3/2014 11:31:04	14.89	48.74	31.84	7.82	7.93	4.0	3.053	94.1	2.1	0.8	0.5
958	11/3/2014 11:46:04	14.93	48.53	31.69	7.85	7.92	4.3	2.961	94.4	2.1	0.8	0.5
959	11/3/2014 12:01:04	14.97	48.47	31.64	7.91	7.92	4.8	2.841	95.1	2.7	1.0	0.6
960	11/3/2014 12:16:04	15.04	48.72	31.83	8.07	7.94	4.3	2.740	97.4	2.3	0.9	0.5
961	11/3/2014 12:31:04	15.12	48.77	31.87	8.16	7.96	5.0	2.603	98.6	2.0	0.8	0.5
962	11/3/2014 12:46:04	15.19	48.57	31.73	8.26	7.96	5.1	2.478	99.9	2.3	0.9	0.5
963	11/3/2014 13:01:04	15.23	48.50	31.67	8.24	7.95	4.7	2.395	99.7	2.5	1.0	0.6
964	11/3/2014 13:16:04	15.31	48.34	31.56	8.40	7.96	4.6	2.249	101.7	2.5	1.0	0.6
965	11/3/2014 13:31:04	15.47	48.44	31.63	8.44	7.97	4.8	2.134	102.6	2.5	1.0	0.6
966	11/3/2014 13:46:04	15.40	48.17	31.44	8.51	7.97	4.6	2.048	103.2	2.6	1.0	0.6
967	11/3/2014 14:01:04	15.53	48.26	31.50	8.67	7.98	4.3	1.947	105.5	2.2	0.8	0.5
968	11/3/2014 14:16:04	15.52	48.15	31.42	8.74	7.98	4.1	1.856	106.3	2.6	1.0	0.6
969	11/3/2014 14:31:04	15.49	48.05	31.35	8.84	8.00	5.0	1.780	107.3	2.2	0.8	0.5
970	11/3/2014 14:46:04	15.38	47.78	31.15	8.88	8.00	4.0	1.773	107.4	3.0	1.1	0.7
971	11/3/2014 15:01:04	15.39	47.74	31.12	8.92	8.01	4.0	1.743	107.9	3.3	1.3	0.8
972	11/3/2014 15:16:04	15.33	47.56	31.00	8.92	8.01	3.8	1.752	107.7	2.8	1.1	0.7
973	11/3/2014 15:31:04	15.25	47.45	30.91	9.06	8.02	2.8	1.762	109.2	2.8	1.1	0.7
974	11/3/2014 15:46:04	15.30	47.60	31.02	9.00	8.02	3.1	1.802	108.6	2.5	1.0	0.6
975	11/3/2014 16:01:04	15.23	47.54	30.98	8.92	8.00	3.4	1.884	107.5	2.7	1.0	0.6
976	11/3/2014 16:16:04	15.25	47.53	30.97	8.88	8.00	3.3	1.963	107.0	2.8	1.1	0.7
977	11/3/2014 16:31:04	15.17	47.20	30.73	8.66	7.98	4.9	2.055	104.0	2.8	1.1	0.7
978	11/3/2014 16:46:04	15.14	47.08	30.64	8.53	7.96	4.9	2.149	102.4	2.4	0.9	0.6
979	11/3/2014 17:01:04	15.17	47.35	30.84	8.46	7.96	4.7	2.235	101.7	2.9	1.1	0.7
980	11/3/2014 17:16:04	15.19	47.64	31.05	8.41	7.96	4.7	2.337	101.3	2.7	1.0	0.7
981	11/3/2014 17:31:04	15.18	47.78	31.15	8.30	7.95	4.6	2.422	100.0	2.4	0.9	0.6
982	11/3/2014 17:46:04	15.16	47.91	31.24	8.22	7.94	4.8	2.515	99.1	2.6	1.0	0.6
983	11/3/2014 18:01:04	15.13	48.14	31.41	7.95	7.92	5.6	2.596	95.8	2.8	1.1	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
984	11/3/2014 18:16:04	15.11	48.24	31.48	7.86	7.91	5.3	2.684	94.7	3.0	1.1	0.7
985	11/3/2014 18:31:04	15.08	48.28	31.51	7.82	7.91	5.6	2.770	94.3	2.8	1.1	0.7
986	11/3/2014 18:46:04	15.06	48.36	31.57	7.81	7.91	5.6	2.845	94.2	2.3	0.9	0.6
987	11/3/2014 19:01:04	15.00	48.50	31.67	7.83	7.92	6.1	2.938	94.3	2.0	0.8	0.5
988	11/3/2014 19:16:04	14.97	48.45	31.63	7.85	7.92	6.4	3.010	94.4	2.4	0.9	0.6
989	11/3/2014 19:31:04	14.94	48.65	31.78	7.81	7.92	6.3	3.099	94.0	2.6	1.0	0.6
990	11/3/2014 19:46:04	14.87	48.83	31.91	7.82	7.93	7.6	3.165	94.1	2.6	1.0	0.6
991	11/3/2014 20:01:04	14.84	48.95	31.99	7.84	7.93	6.9	3.247	94.3	3.2	1.2	0.8
992	11/3/2014 20:16:04	14.77	49.07	32.08	7.83	7.94	6.8	3.335	94.1	2.4	0.9	0.6
993	11/3/2014 20:31:04	14.61	49.42	32.33	7.86	7.95	6.5	3.392	94.3	2.6	1.0	0.6
994	11/3/2014 20:46:04	14.51	49.56	32.43	7.83	7.95	4.7	3.447	93.8	2.7	1.0	0.6
995	11/3/2014 21:01:04	14.43	49.72	32.54	7.87	7.96	4.4	3.505	94.2	2.4	0.9	0.6
996	11/3/2014 21:16:04	14.40	49.75	32.56	7.85	7.96	4.6	3.536	93.9	3.1	1.2	0.7
997	11/3/2014 21:31:04	14.45	49.64	32.49	7.76	7.95	3.8	3.559	92.8	2.9	1.1	0.7
998	11/3/2014 21:46:04	14.42	49.72	32.54	7.72	7.95	3.9	3.554	92.3	2.5	1.0	0.6
999	11/3/2014 22:01:04	14.38	49.75	32.56	7.78	7.95	4.0	3.516	93.0	1.8	0.7	0.4
1000	11/3/2014 22:16:04	14.40	49.70	32.53	7.77	7.95	4.4	3.477	92.9	2.1	0.8	0.5
1001	11/3/2014 22:31:04	14.50	49.41	32.32	7.71	7.94	5.0	3.403	92.2	2.7	1.0	0.6
1002	11/3/2014 22:46:04	14.63	49.09	32.09	7.72	7.93	6.4	3.306	92.6	3.0	1.1	0.7
1003	11/3/2014 23:01:04	14.58	49.21	32.18	7.76	7.93	5.6	3.212	93.0	2.8	1.1	0.7
1004	11/3/2014 23:16:04	14.77	48.67	31.78	7.72	7.92	6.1	3.118	92.5	2.7	1.0	0.6
1005	11/3/2014 23:31:04	14.80	48.41	31.60	7.73	7.91	5.8	3.015	92.6	2.4	0.9	0.6
1006	11/3/2014 23:46:04	14.84	48.36	31.56	7.78	7.92	5.4	2.912	93.3	3.0	1.1	0.7
1007	11/4/2014 0:01:04	14.85	48.22	31.46	7.83	7.92	5.3	2.813	93.9	2.5	1.0	0.6
1008	11/4/2014 0:16:04	14.87	48.19	31.44	7.93	7.93	5.5	2.720	95.1	2.4	0.9	0.6
1009	11/4/2014 0:31:04	14.87	48.18	31.43	7.95	7.93	4.7	2.620	95.4	2.3	0.9	0.6
1010	11/4/2014 0:46:04	14.80	48.28	31.50	7.86	7.92	5.0	2.523	94.1	2.6	1.0	0.6
1011	11/4/2014 1:01:04	14.76	48.34	31.54	7.83	7.92	5.4	2.405	93.8	2.4	0.9	0.6
1012	11/4/2014 1:16:04	14.75	48.26	31.48	7.78	7.92	5.5	2.298	93.2	2.0	0.8	0.5
1013	11/4/2014 1:31:04	14.74	48.25	31.48	7.79	7.92	6.2	2.216	93.3	2.3	0.9	0.5
1014	11/4/2014 1:46:04	14.73	48.18	31.43	7.82	7.92	5.0	2.115	93.6	2.6	1.0	0.6
1015	11/4/2014 2:01:04	14.76	48.05	31.34	7.90	7.93	4.8	2.036	94.5	2.7	1.0	0.6
1016	11/4/2014 2:16:04	14.75	48.01	31.31	7.96	7.93	4.4	1.959	95.2	2.3	0.9	0.6
1017	11/4/2014 2:31:04	14.70	47.71	31.09	8.13	7.95	3.8	1.916	96.9	2.1	0.8	0.5
1018	11/4/2014 2:46:04	14.72	47.64	31.04	8.17	7.96	3.5	1.866	97.5	2.0	0.8	0.5
1019	11/4/2014 3:01:04	14.72	47.57	30.99	8.18	7.96	3.1	1.858	97.6	2.9	1.1	0.7
1020	11/4/2014 3:16:04	14.72	47.56	30.98	8.19	7.96	3.2	1.885	97.7	2.3	0.9	0.5
1021	11/4/2014 3:31:04	14.71	47.60	31.01	8.17	7.95	3.1	1.911	97.4	2.3	0.9	0.5
1022	11/4/2014 3:46:04	14.75	47.67	31.06	8.14	7.95	3.1	1.955	97.1	2.4	0.9	0.6
1023	11/4/2014 4:01:04	14.74	47.67	31.06	8.10	7.94	3.6	2.036	96.7	1.9	0.7	0.5
1024	11/4/2014 4:16:04	14.65	47.36	30.83	8.00	7.93	5.3	2.130	95.2	2.0	0.8	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
1025	11/4/2014 4:31:04	14.58	47.19	30.71	7.88	7.92	5.3	2.219	93.5	2.1	0.8	0.5
1026	11/4/2014 4:46:04	14.58	47.25	30.75	7.87	7.91	5.1	2.313	93.4	2.7	1.0	0.6
1027	11/4/2014 5:01:04	14.72	47.63	31.03	7.83	7.92	4.9	2.403	93.4	2.8	1.1	0.7
1028	11/4/2014 5:16:04	14.75	47.84	31.18	7.76	7.91	5.2	2.505	92.8	2.4	0.9	0.6
1029	11/4/2014 5:31:04	14.76	47.96	31.27	7.76	7.91	5.0	2.593	92.8	2.0	0.8	0.5
1030	11/4/2014 5:46:04	14.80	48.21	31.46	7.73	7.91	5.3	2.699	92.6	1.8	0.7	0.4
1031	11/4/2014 6:01:04	14.83	48.30	31.52	7.71	7.91	5.1	2.788	92.5	2.6	1.0	0.6
1032	11/4/2014 6:16:04	14.82	48.37	31.57	7.71	7.91	6.1	2.881	92.4	1.9	0.7	0.4
1033	11/4/2014 6:31:04	14.80	48.49	31.66	7.67	7.91	7.6	2.981	91.9	2.5	1.0	0.6
1034	11/4/2014 6:46:04	14.74	48.66	31.78	7.68	7.91	8.1	3.064	92.0	2.3	0.9	0.5
1035	11/4/2014 7:01:04	14.70	48.78	31.87	7.69	7.92	8.3	3.153	92.1	2.2	0.8	0.5
1036	11/4/2014 7:16:04	14.56	49.00	32.02	7.73	7.93	10.1	3.272	92.5	2.5	1.0	0.6
1037	11/4/2014 7:31:04	14.45	49.26	32.21	7.78	7.93	10.3	3.363	92.9	2.4	0.9	0.6
1038	11/4/2014 7:46:04	14.31	49.45	32.34	7.81	7.94	9.8	3.468	93.2	2.3	0.9	0.5
1039	11/4/2014 8:01:04	14.17	49.73	32.54	7.80	7.95	10.2	3.575	92.8	2.3	0.9	0.5
1040	11/4/2014 8:16:04	14.04	49.91	32.67	7.82	7.96	9.7	3.667	93.0	2.0	0.8	0.5
1041	11/4/2014 8:31:04	13.97	50.02	32.75	7.84	7.96	9.6	3.750	93.1	2.0	0.8	0.5
1042	11/4/2014 8:46:04	13.94	50.05	32.77	7.81	7.96	9.4	3.841	92.6	1.6	0.6	0.4
1043	11/4/2014 9:01:04	13.85	50.17	32.85	7.84	7.96	6.2	3.903	92.9	2.1	0.8	0.5
1044	11/4/2014 9:16:04	13.80	50.26	32.91	7.83	7.97	5.2	3.950	92.7	2.0	0.8	0.5
1045	11/4/2014 9:31:04	13.78	50.26	32.92	7.83	7.97	5.1	3.989	92.7	1.4	0.5	0.3
1046	11/4/2014 9:46:04	13.95	50.04	32.77	7.76	7.96	3.9	4.003	92.1	2.2	0.8	0.5
1047	11/4/2014 10:01:04	13.85	50.17	32.85	7.73	7.96	4.5	4.006	91.6	2.3	0.9	0.5
1048	11/4/2014 10:16:04	13.81	50.23	32.90	7.79	7.96	4.8	3.971	92.3	1.7	0.6	0.4
1049	11/4/2014 10:31:04	14.00	50.02	32.75	7.78	7.96	5.6	3.896	92.4	2.1	0.8	0.5
1050	11/4/2014 10:46:04	14.10	50.00	32.74	7.91	7.97	5.1	3.813	94.2	2.3	0.9	0.6
1051	11/4/2014 11:01:04	14.14	49.77	32.57	7.89	7.96	5.3	3.707	93.9	2.0	0.8	0.5
1052	11/4/2014 11:16:04	14.23	49.64	32.48	7.89	7.96	4.6	3.590	94.0	2.5	1.0	0.6
1053	11/4/2014 11:31:04	14.43	49.30	32.24	7.85	7.95	5.3	3.469	93.8	2.2	0.8	0.5
1054	11/4/2014 11:46:04	14.51	49.23	32.19	7.85	7.94	5.0	3.353	93.9	2.6	1.0	0.6
1055	11/4/2014 12:01:04	14.52	49.19	32.16	7.88	7.94	4.9	3.227	94.3	2.4	0.9	0.6
1056	11/4/2014 12:16:04	14.65	49.01	32.03	7.84	7.94	4.3	3.102	94.0	2.0	0.8	0.5
1057	11/4/2014 12:31:04	14.76	48.85	31.92	7.86	7.93	4.5	2.991	94.3	1.9	0.7	0.4
1058	11/4/2014 12:46:04	14.79	48.92	31.97	7.94	7.94	4.8	2.849	95.4	1.7	0.6	0.4
1059	11/4/2014 13:01:04	14.65	49.43	32.34	8.10	7.97	4.3	2.728	97.3	3.0	1.1	0.7
1060	11/4/2014 13:16:04	14.81	48.86	31.93	8.13	7.95	4.7	2.597	97.7	2.8	1.1	0.7
1061	11/4/2014 13:31:04	14.88	48.73	31.84	8.25	7.96	5.0	2.447	99.2	3.0	1.1	0.7
1062	11/4/2014 13:46:04	14.96	48.74	31.84	8.27	7.96	5.4	2.312	99.6	2.7	1.0	0.6
1063	11/4/2014 14:01:04	15.05	48.60	31.74	8.33	7.97	4.8	2.208	100.5	2.7	1.0	0.6
1064	11/4/2014 14:16:04	15.11	48.38	31.58	8.40	7.97	5.1	2.059	101.3	2.8	1.1	0.7
1065	11/4/2014 14:31:04	15.19	48.40	31.60	8.50	7.97	4.7	1.926	102.7	2.8	1.1	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
1066	11/4/2014 14:46:04	15.22	48.29	31.52	8.52	7.97	6.1	1.816	103.0	3.4	1.3	0.8
1067	11/4/2014 15:01:04	15.17	48.08	31.37	8.53	7.98	4.4	1.730	102.8	2.2	0.8	0.5
1068	11/4/2014 15:16:04	15.17	47.95	31.27	8.56	7.98	4.2	1.620	103.2	2.6	1.0	0.6
1069	11/4/2014 15:31:04	15.18	47.85	31.20	8.63	7.98	3.6	1.560	103.9	3.2	1.2	0.8
1070	11/4/2014 15:46:04	15.19	47.69	31.08	8.70	7.99	3.9	1.540	104.7	2.5	1.0	0.6
1071	11/4/2014 16:01:04	15.23	47.76	31.14	8.69	7.99	3.4	1.544	104.8	3.1	1.2	0.7
1072	11/4/2014 16:16:04	15.17	47.60	31.02	8.81	8.00	3.2	1.554	106.0	3.0	1.1	0.7
1073	11/4/2014 16:31:04	15.15	47.64	31.05	8.77	7.99	2.9	1.593	105.5	3.1	1.2	0.7
1074	11/4/2014 16:46:04	15.12	47.52	30.96	8.75	7.99	3.7	1.703	105.2	2.6	1.0	0.6
1075	11/4/2014 17:01:04	15.11	47.55	30.98	8.72	7.99	3.8	1.785	104.7	2.5	1.0	0.6
1076	11/4/2014 17:16:04	15.01	46.91	30.52	8.39	7.95	8.3	1.877	100.4	3.4	1.3	0.8
1077	11/4/2014 17:31:04	15.02	46.96	30.55	8.36	7.95	7.5	1.962	100.1	3.8	1.4	0.9
1078	11/4/2014 17:46:04	15.04	47.30	30.80	8.34	7.95	8.0	2.076	100.0	3.3	1.3	0.8
1079	11/4/2014 18:01:04	15.06	47.66	31.06	8.39	7.96	5.4	2.162	100.8	3.0	1.1	0.7
1080	11/4/2014 18:16:04	15.05	47.75	31.13	8.32	7.95	5.4	2.271	100.0	3.2	1.2	0.8
1081	11/4/2014 18:31:04	15.03	47.87	31.21	8.20	7.94	5.3	2.356	98.5	2.9	1.1	0.7
1082	11/4/2014 18:46:04	15.00	48.04	31.34	8.03	7.93	5.4	2.452	96.5	3.1	1.2	0.7
1083	11/4/2014 19:01:04	14.99	48.18	31.43	7.88	7.92	5.9	2.568	94.8	2.9	1.1	0.7
1084	11/4/2014 19:16:04	14.99	48.26	31.49	7.82	7.91	6.1	2.642	94.0	2.6	1.0	0.6
1085	11/4/2014 19:31:04	14.94	48.38	31.58	7.79	7.91	6.5	2.739	93.6	3.2	1.2	0.8
1086	11/4/2014 19:46:04	14.88	48.51	31.67	7.81	7.92	7.2	2.837	93.8	2.8	1.1	0.7
1087	11/4/2014 20:01:04	14.83	48.60	31.74	7.81	7.92	7.5	2.928	93.8	2.7	1.0	0.7
1088	11/4/2014 20:16:04	14.78	48.69	31.80	7.81	7.92	8.3	3.015	93.7	2.8	1.1	0.7
1089	11/4/2014 20:31:04	14.70	48.84	31.91	7.82	7.93	8.4	3.101	93.7	2.5	1.0	0.6
1090	11/4/2014 20:46:04	14.63	48.98	32.01	7.81	7.93	8.6	3.196	93.6	2.5	1.0	0.6
1091	11/4/2014 21:01:04	14.45	49.28	32.22	7.83	7.93	8.7	3.274	93.6	2.8	1.1	0.7
1092	11/4/2014 21:16:04	14.22	49.63	32.47	7.87	7.94	9.8	3.359	93.8	2.4	0.9	0.6
1093	11/4/2014 21:31:04	14.14	49.75	32.56	7.86	7.94	7.9	3.436	93.5	2.6	1.0	0.6
1094	11/4/2014 21:46:04	14.09	49.79	32.58	7.88	7.95	7.9	3.500	93.7	2.4	0.9	0.6
1095	11/4/2014 22:01:04	14.04	49.82	32.60	7.89	7.95	6.4	3.558	93.7	2.8	1.1	0.7
1096	11/4/2014 22:16:04	14.01	49.92	32.68	7.85	7.95	6.7	3.594	93.2	2.4	0.9	0.6
1097	11/4/2014 22:31:04	13.98	49.92	32.67	7.81	7.95	4.1	3.619	92.7	2.7	1.0	0.6
1098	11/4/2014 22:46:04	14.07	49.83	32.61	7.70	7.94	5.3	3.609	91.5	2.7	1.0	0.6
1099	11/4/2014 23:01:04	13.99	49.91	32.67	7.74	7.94	5.0	3.581	91.9	1.9	0.7	0.5
1100	11/4/2014 23:16:04	14.03	49.80	32.59	7.76	7.94	4.7	3.533	92.2	1.8	0.7	0.4
1101	11/4/2014 23:31:04	14.24	49.48	32.36	7.68	7.93	7.1	3.448	91.4	2.6	1.0	0.6
1102	11/4/2014 23:46:04	14.24	49.41	32.31	7.72	7.93	6.4	3.344	91.9	2.5	1.0	0.6
1103	11/5/2014 0:01:04	14.30	49.31	32.24	7.70	7.93	6.0	3.258	91.7	2.3	0.9	0.5
1104	11/5/2014 0:16:04	14.50	48.97	32.00	7.64	7.92	6.8	3.151	91.3	2.0	0.8	0.5
1105	11/5/2014 0:31:04	14.57	48.84	31.90	7.66	7.92	5.9	3.045	91.6	2.5	1.0	0.6
1106	11/5/2014 0:46:04	14.66	48.62	31.75	7.63	7.91	5.6	2.947	91.3	2.4	0.9	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
1107	11/5/2014 1:01:04	14.73	48.45	31.63	7.64	7.91	5.1	2.853	91.5	2.6	1.0	0.6
1108	11/5/2014 1:16:04	14.75	48.43	31.61	7.64	7.91	5.7	2.754	91.6	2.4	0.9	0.6
1109	11/5/2014 1:31:04	14.60	48.68	31.79	7.62	7.91	5.0	2.647	91.0	2.4	0.9	0.6
1110	11/5/2014 1:46:04	14.61	48.58	31.72	7.64	7.91	5.5	2.535	91.4	2.3	0.9	0.5
1111	11/5/2014 2:01:04	14.57	48.62	31.75	7.64	7.91	5.7	2.455	91.3	3.0	1.1	0.7
1112	11/5/2014 2:16:04	14.58	48.55	31.69	7.68	7.91	6.1	2.355	91.7	3.0	1.1	0.7
1113	11/5/2014 2:31:04	14.61	48.43	31.61	7.71	7.91	5.5	2.255	92.1	2.0	0.8	0.5
1114	11/5/2014 2:46:04	14.66	48.30	31.52	7.68	7.91	5.3	2.165	91.7	2.5	1.0	0.6
1115	11/5/2014 3:01:04	14.67	48.25	31.48	7.71	7.91	4.7	2.084	92.1	2.7	1.0	0.6
1116	11/5/2014 3:16:04	14.71	48.10	31.37	7.72	7.92	4.0	2.040	92.2	2.5	1.0	0.6
1117	11/5/2014 3:31:04	14.75	48.00	31.30	7.78	7.92	3.8	1.995	93.0	2.9	1.1	0.7
1118	11/5/2014 3:46:04	14.76	47.76	31.13	7.78	7.92	3.3	1.979	92.9	2.7	1.0	0.6
1119	11/5/2014 4:01:04	14.74	47.74	31.11	7.76	7.92	3.2	1.995	92.7	2.5	1.0	0.6
1120	11/5/2014 4:16:04	14.75	47.77	31.13	7.83	7.92	3.2	2.013	93.5	2.7	1.0	0.6
1121	11/5/2014 4:31:04	14.74	47.83	31.18	7.80	7.92	3.3	2.044	93.2	2.4	0.9	0.6
1122	11/5/2014 4:46:04	14.75	47.83	31.18	7.76	7.92	3.9	2.124	92.8	2.2	0.8	0.5
1123	11/5/2014 5:01:04	14.74	47.85	31.19	7.74	7.91	4.9	2.204	92.5	2.1	0.8	0.5
1124	11/5/2014 5:16:04	14.62	47.43	30.88	7.65	7.90	6.9	2.312	91.0	2.1	0.8	0.5
1125	11/5/2014 5:31:04	14.69	47.78	31.14	7.63	7.90	6.3	2.390	91.0	2.4	0.9	0.6
1126	11/5/2014 5:46:04	14.70	47.93	31.25	7.66	7.91	5.1	2.479	91.4	2.5	1.0	0.6
1127	11/5/2014 6:01:04	14.69	48.16	31.41	7.59	7.91	6.1	2.585	90.7	2.0	0.8	0.5
1128	11/5/2014 6:16:04	14.66	48.34	31.54	7.62	7.91	6.0	2.666	91.1	2.1	0.8	0.5
1129	11/5/2014 6:31:04	14.65	48.45	31.63	7.64	7.91	6.0	2.764	91.3	2.2	0.8	0.5
1130	11/5/2014 6:46:04	14.65	48.56	31.70	7.62	7.91	6.4	2.862	91.1	1.9	0.7	0.5
1131	11/5/2014 7:01:04	14.61	48.70	31.81	7.61	7.91	7.5	2.956	91.0	2.2	0.8	0.5
1132	11/5/2014 7:16:04	14.52	48.83	31.89	7.64	7.91	8.2	3.048	91.2	1.7	0.6	0.4
1133	11/5/2014 7:31:04	14.43	49.02	32.03	7.63	7.92	9.1	3.150	91.0	1.6	0.6	0.4
1134	11/5/2014 7:46:04	14.34	49.19	32.15	7.68	7.92	10.7	3.254	91.5	1.9	0.7	0.4
1135	11/5/2014 8:01:04	14.15	49.44	32.33	7.78	7.93	10.9	3.357	92.4	2.2	0.8	0.5
1136	11/5/2014 8:16:04	14.03	49.62	32.46	7.85	7.94	11.4	3.468	93.2	2.0	0.8	0.5
1137	11/5/2014 8:31:04	13.85	49.89	32.65	7.96	7.95	9.8	3.583	94.3	2.0	0.8	0.5
1138	11/5/2014 8:46:04	13.76	50.02	32.74	7.97	7.96	11.1	3.688	94.2	2.6	1.0	0.6
1139	11/5/2014 9:01:04	13.68	50.07	32.78	7.98	7.96	9.4	3.797	94.2	1.9	0.7	0.5
1140	11/5/2014 9:16:04	13.65	50.17	32.85	8.01	7.96	7.5	3.884	94.6	1.9	0.7	0.5
1141	11/5/2014 9:31:04	13.63	50.19	32.86	8.01	7.97	7.3	3.968	94.5	2.0	0.8	0.5
1142	11/5/2014 9:46:04	13.53	50.32	32.95	7.97	7.97	6.5	4.038	94.0	1.8	0.7	0.4
1143	11/5/2014 10:01:04	13.49	50.36	32.98	7.96	7.97	5.1	4.077	93.8	1.5	0.6	0.4
1144	11/5/2014 10:16:04	13.47	50.36	32.98	7.95	7.97	4.4	4.124	93.6	1.8	0.7	0.4
1145	11/5/2014 10:31:04	13.66	50.15	32.83	7.90	7.96	4.3	4.120	93.2	2.0	0.8	0.5
1146	11/5/2014 10:46:04	13.56	50.19	32.86	7.89	7.97	4.7	4.111	92.9	1.9	0.7	0.5
1147	11/5/2014 11:01:04	13.77	50.06	32.77	7.93	7.96	5.5	4.058	93.8	1.4	0.5	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
1148	11/5/2014 11:16:04	13.80	50.14	32.83	7.99	7.97	6.8	3.966	94.7	1.9	0.7	0.5
1149	11/5/2014 11:31:04	13.83	50.24	32.90	8.12	7.98	5.6	3.873	96.2	1.8	0.7	0.4
1150	11/5/2014 11:46:04	14.03	49.94	32.69	8.06	7.97	4.4	3.756	95.8	1.8	0.7	0.4
1151	11/5/2014 12:01:04	14.21	49.70	32.53	8.09	7.96	5.4	3.619	96.4	1.8	0.7	0.4
1152	11/5/2014 12:16:04	14.24	49.55	32.42	8.02	7.96	6.4	3.496	95.5	2.7	1.0	0.6
1153	11/5/2014 12:31:04	14.26	49.57	32.43	8.04	7.96	5.1	3.364	95.9	2.5	1.0	0.6
1154	11/5/2014 12:46:04	14.35	49.51	32.39	8.11	7.96	5.0	3.226	96.8	1.6	0.6	0.4
1155	11/5/2014 13:01:04	14.52	49.37	32.29	8.15	7.96	4.7	3.102	97.5	2.0	0.8	0.5
1156	11/5/2014 13:16:04	14.72	49.11	32.10	8.18	7.96	6.4	2.956	98.2	2.0	0.8	0.5
1157	11/5/2014 13:31:04	14.78	49.04	32.05	8.22	7.96	6.5	2.813	98.7	2.0	0.8	0.5
1158	11/5/2014 13:46:04	14.74	49.22	32.19	8.38	7.97	5.5	2.663	100.7	2.2	0.8	0.5
1159	11/5/2014 14:01:04	14.88	48.80	31.89	8.37	7.97	6.1	2.532	100.6	2.1	0.8	0.5
1160	11/5/2014 14:16:04	14.95	49.14	32.13	8.46	7.98	5.2	2.390	102.1	2.0	0.8	0.5
1161	11/5/2014 14:31:04	15.15	48.59	31.74	8.53	7.98	5.4	2.230	103.1	2.2	0.8	0.5
1162	11/5/2014 14:46:04	15.29	48.67	31.80	8.50	7.98	5.3	2.097	103.1	2.3	0.9	0.6
1163	11/5/2014 15:01:04	15.36	48.44	31.63	8.56	7.98	5.6	1.934	103.9	2.3	0.9	0.5
1164	11/5/2014 15:16:04	15.44	48.45	31.64	8.65	7.99	5.9	1.806	105.1	2.3	0.9	0.5
1165	11/5/2014 15:31:04	15.41	48.34	31.56	8.71	7.99	5.7	1.660	105.6	2.2	0.8	0.5
1166	11/5/2014 15:46:04	15.38	48.07	31.37	8.76	8.00	5.7	1.536	106.1	2.3	0.9	0.5
1167	11/5/2014 16:01:04	15.40	48.02	31.33	8.83	8.00	5.1	1.456	107.0	2.3	0.9	0.5
1168	11/5/2014 16:16:04	15.44	48.01	31.32	8.90	8.00	5.0	1.355	107.9	2.2	0.8	0.5
1169	11/5/2014 16:31:04	15.46	47.95	31.28	8.94	8.01	8.5	1.319	108.4	2.1	0.8	0.5
1170	11/5/2014 16:46:04	15.49	47.86	31.22	8.88	8.01	7.1	1.309	107.7	3.0	1.1	0.7
1171	11/5/2014 17:01:04	15.52	47.72	31.11	9.06	8.02	4.3	1.335	109.9	2.2	0.8	0.5
1172	11/5/2014 17:16:04	15.50	47.68	31.08	9.13	8.02	4.0	1.423	110.6	2.3	0.9	0.6
1173	11/5/2014 17:31:04	15.48	47.61	31.03	9.12	8.02	7.0	1.501	110.5	2.2	0.8	0.5
1174	11/5/2014 17:46:04	15.45	47.64	31.05	9.08	8.02	5.6	1.598	109.9	2.9	1.1	0.7
1175	11/5/2014 18:01:04	15.40	47.12	30.68	8.46	7.95	9.5	1.711	102.1	3.0	1.1	0.7
1176	11/5/2014 18:16:04	15.39	47.22	30.75	8.50	7.96	7.9	1.807	102.6	3.0	1.1	0.7
1177	11/5/2014 18:31:04	15.38	47.38	30.86	8.57	7.97	7.2	1.901	103.4	2.8	1.1	0.7
1178	11/5/2014 18:46:04	15.36	47.68	31.08	8.56	7.98	6.5	1.998	103.5	2.4	0.9	0.6
1179	11/5/2014 19:01:04	15.33	47.79	31.16	8.50	7.97	5.9	2.101	102.7	2.6	1.0	0.6
1180	11/5/2014 19:16:04	15.27	47.93	31.26	8.40	7.96	5.5	2.200	101.4	2.3	0.9	0.6
1181	11/5/2014 19:31:04	15.20	48.11	31.39	8.20	7.95	5.6	2.310	98.9	2.3	0.9	0.5
1182	11/5/2014 19:46:04	15.17	48.16	31.42	8.07	7.93	6.2	2.410	97.4	2.5	1.0	0.6
1183	11/5/2014 20:01:04	15.17	48.24	31.48	7.97	7.93	6.4	2.505	96.2	2.2	0.8	0.5
1184	11/5/2014 20:16:04	15.08	48.39	31.59	7.94	7.92	7.5	2.623	95.7	2.6	1.0	0.6
1185	11/5/2014 20:31:04	14.99	48.56	31.71	7.93	7.93	7.8	2.720	95.5	2.4	0.9	0.6
1186	11/5/2014 20:46:04	14.93	48.68	31.80	7.92	7.93	7.8	2.824	95.3	2.5	1.0	0.6
1187	11/5/2014 21:01:04	14.86	48.76	31.86	7.94	7.93	8.9	2.922	95.5	2.5	1.0	0.6
1188	11/5/2014 21:16:04	14.74	48.92	31.97	7.95	7.93	10.0	3.018	95.5	2.4	0.9	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
1189	11/5/2014 21:31:04	14.58	49.12	32.11	7.96	7.94	9.9	3.118	95.3	2.6	1.0	0.6
1190	11/5/2014 21:46:04	14.40	49.41	32.32	7.96	7.95	10.3	3.211	95.1	2.8	1.1	0.7
1191	11/5/2014 22:01:04	14.24	49.64	32.48	7.97	7.95	11.1	3.300	95.0	2.0	0.8	0.5
1192	11/5/2014 22:16:04	14.18	49.70	32.52	7.97	7.96	9.5	3.392	94.9	2.7	1.0	0.6
1193	11/5/2014 22:31:04	14.16	49.70	32.52	7.95	7.96	10.3	3.476	94.7	2.3	0.9	0.6
1194	11/5/2014 22:46:04	14.06	49.81	32.60	7.96	7.96	10.3	3.542	94.6	2.1	0.8	0.5
1195	11/5/2014 23:01:04	14.03	49.87	32.64	7.94	7.96	7.5	3.600	94.3	2.4	0.9	0.6
1196	11/5/2014 23:16:04	13.95	49.94	32.69	7.90	7.96	5.6	3.634	93.8	2.7	1.0	0.6
1197	11/5/2014 23:31:04	14.11	49.77	32.57	7.84	7.96	4.2	3.659	93.2	2.4	0.9	0.6
1198	11/5/2014 23:46:04	13.99	49.89	32.65	7.78	7.95	4.7	3.638	92.3	1.7	0.6	0.4
1199	11/6/2014 0:01:04	13.93	49.97	32.71	7.82	7.96	5.6	3.589	92.7	2.0	0.8	0.5
1200	11/6/2014 0:16:04	14.09	49.77	32.57	7.81	7.95	6.5	3.529	92.9	2.2	0.8	0.5
1201	11/6/2014 0:31:04	14.47	49.21	32.18	7.83	7.94	7.0	3.443	93.5	2.2	0.8	0.5
1202	11/6/2014 0:46:04	14.21	49.60	32.45	7.88	7.95	6.1	3.337	93.9	2.8	1.1	0.7
1203	11/6/2014 1:01:04	14.53	49.09	32.08	7.80	7.94	6.9	3.239	93.3	2.6	1.0	0.6
1204	11/6/2014 1:16:04	14.55	49.00	32.02	7.79	7.94	6.5	3.138	93.2	2.6	1.0	0.6
1205	11/6/2014 1:31:04	14.61	48.93	31.97	7.75	7.93	5.7	3.034	92.8	2.3	0.9	0.5
1206	11/6/2014 1:46:04	14.69	48.82	31.89	7.72	7.92	5.7	2.924	92.5	2.1	0.8	0.5
1207	11/6/2014 2:01:04	14.76	48.61	31.74	7.69	7.92	5.0	2.828	92.2	2.3	0.9	0.6
1208	11/6/2014 2:16:04	14.79	48.53	31.69	7.68	7.92	5.9	2.731	92.1	2.0	0.8	0.5
1209	11/6/2014 2:31:04	14.69	48.74	31.84	7.72	7.92	6.5	2.634	92.5	2.7	1.0	0.6
1210	11/6/2014 2:46:04	14.48	49.05	32.06	7.73	7.92	7.5	2.530	92.3	2.1	0.8	0.5
1211	11/6/2014 3:01:04	14.71	48.66	31.78	7.76	7.92	7.0	2.452	93.0	2.3	0.9	0.5
1212	11/6/2014 3:16:04	14.82	48.52	31.68	7.79	7.92	6.2	2.370	93.4	2.4	0.9	0.6
1213	11/6/2014 3:31:04	14.78	48.57	31.72	7.84	7.93	6.5	2.281	94.0	2.3	0.9	0.5
1214	11/6/2014 3:46:04	14.84	48.42	31.61	7.87	7.93	6.4	2.219	94.4	2.4	0.9	0.6
1215	11/6/2014 4:01:04	14.88	48.37	31.57	7.87	7.93	5.9	2.170	94.5	2.1	0.8	0.5
1216	11/6/2014 4:16:04	14.95	48.25	31.49	7.87	7.93	5.2	2.129	94.6	2.2	0.8	0.5
1217	11/6/2014 4:31:04	15.01	48.12	31.39	7.87	7.93	4.2	2.090	94.7	1.8	0.7	0.4
1218	11/6/2014 4:46:04	15.00	47.92	31.25	7.85	7.93	3.9	2.094	94.2	2.4	0.9	0.6
1219	11/6/2014 5:01:04	14.97	47.86	31.21	7.83	7.92	4.2	2.112	94.0	1.8	0.7	0.4
1220	11/6/2014 5:16:04	14.93	47.87	31.21	7.84	7.93	4.0	2.138	94.1	1.6	0.6	0.4
1221	11/6/2014 5:31:04	14.95	48.05	31.34	7.81	7.93	5.1	2.206	93.7	1.9	0.7	0.5
1222	11/6/2014 5:46:04	14.96	48.07	31.36	7.79	7.92	5.1	2.276	93.5	1.4	0.5	0.3
1223	11/6/2014 6:01:04	14.86	47.84	31.19	7.72	7.91	8.0	2.366	92.5	1.8	0.7	0.4
1224	11/6/2014 6:16:04	14.83	47.83	31.18	7.72	7.91	8.4	2.457	92.3	1.9	0.7	0.5
1225	11/6/2014 6:31:04	14.86	48.16	31.42	7.76	7.92	7.6	2.550	93.0	1.6	0.6	0.4
1226	11/6/2014 6:46:04	14.82	48.31	31.52	7.74	7.92	7.0	2.655	92.7	2.1	0.8	0.5
1227	11/6/2014 7:01:04	14.74	48.51	31.67	7.73	7.92	6.3	2.740	92.7	1.7	0.6	0.4
1228	11/6/2014 7:16:04	14.68	48.69	31.80	7.77	7.92	6.8	2.843	93.1	1.6	0.6	0.4
1229	11/6/2014 7:31:04	14.67	48.79	31.87	7.78	7.93	6.4	2.931	93.1	1.3	0.5	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.38)	Fluorescence %FS
1230	11/6/2014 7:46:04	14.58	48.94	31.98	7.79	7.93	7.6	3.035	93.1	1.9	0.7	0.4
1231	11/6/2014 8:01:04	14.46	49.14	32.12	7.78	7.93	9.5	3.144	93.0	1.5	0.6	0.4
1232	11/6/2014 8:16:04	14.38	49.23	32.18	7.79	7.94	9.7	3.238	92.9	1.8	0.7	0.4
1233	11/6/2014 8:31:04	14.24	49.39	32.30	7.80	7.94	10.7	3.352	92.9	2.5	1.0	0.6
1234	11/6/2014 8:46:04	14.07	49.62	32.46	7.79	7.95	11.3	3.465	92.6	1.9	0.7	0.5
1235	11/6/2014 9:01:04	13.89	49.83	32.61	7.83	7.96	10.7	3.575	92.7	1.7	0.6	0.4
1236	11/6/2014 9:16:04	13.69	50.05	32.76	7.80	7.97	10.0	3.688	92.1	1.8	0.7	0.4
1237	11/6/2014 9:31:04	13.56	50.20	32.87	7.78	7.97	7.6	3.790	91.7	1.9	0.7	0.4
1238	11/6/2014 9:46:04	13.50	50.25	32.90	7.75	7.97	7.4	3.888	91.3	1.7	0.6	0.4
1239	11/6/2014 10:01:04	13.46	50.28	32.92	7.73	7.97	5.7	3.975	90.9	1.8	0.7	0.4
1240	11/6/2014 10:16:04	13.45	50.33	32.96	7.72	7.97	4.7	4.047	90.9	1.5	0.6	0.4
1241	11/6/2014 10:31:04	13.42	50.37	32.98	7.71	7.97	4.2	4.113	90.7	1.6	0.6	0.4
Mean		15.31	48.73	31.84	7.86	7.92	5.85	2.79	95.36	2.29	0.87	0.54
Minimum		13.42	46.36	30.13	7.03	7.79	2.70	1.31	84.70	0.60	0.23	0.10
Maximum		16.74	50.37	32.98	9.13	8.02	20.00	4.12	110.60	3.80	1.44	0.90

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

Chlorophyll/Fluorescence displayed as *in vivo* (non-extractive) readings from YSI 6025 chlorophyll probe

Chlorophyll corrected with ratio derived from extractive analysis; Sample collected at 12:45; value = 0.69

Daylight Savings Time ended @ 2:00 am 11/2/14

Flagged data due to suspect values (i.e., equipment malfunction, interference, etc.)

Data listed as outlier and discarded due to field issues (i.e., equipment malfunction, interference, etc.)

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
0	11/6/2014 11:16:12	13.56	50.39	33.00	9.92	7.99	3.7	4.066	117.0	1.6	0.5	0.4
1	11/6/2014 11:31:11	13.48	50.18	32.85	9.96	8.00	3.4	4.034	117.2	1.9	0.6	0.4
2	11/6/2014 11:46:11	13.58	50.30	32.94	9.92	8.01	3.5	3.972	117.0	2.1	0.7	0.5
3	11/6/2014 12:01:11	13.79	50.24	32.90	10.03	8.02	4.2	3.880	118.8	2.2	0.7	0.5
4	11/6/2014 12:16:12	13.84	50.15	32.84	9.91	8.02	4.6	3.780	117.5	2.1	0.7	0.5
5	11/6/2014 12:31:12	14.01	49.96	32.71	10.74	8.01	4.4	3.651	127.6	2.3	0.8	0.5
6	11/6/2014 12:46:11	14.25	49.63	32.47	10.97	8.00	6.6	3.528	130.8	2.9	1.0	0.7
7	11/6/2014 13:01:12	14.18	49.82	32.61	10.85	8.01	5.7	3.388	129.2	2.5	0.8	0.6
8	11/6/2014 13:16:12	14.17	49.81	32.60	10.90	8.01	5.2	3.248	129.9	2.6	0.9	0.6
9	11/6/2014 13:31:11	14.24	49.69	32.52	10.83	8.01	4.5	3.116	129.1	2.3	0.8	0.5
10	11/6/2014 13:46:11	14.39	49.62	32.47	10.69	8.01	4.1	2.977	127.8	2.5	0.8	0.6
11	11/6/2014 14:01:12	14.41	49.62	32.47	10.55	8.01	4.7	2.825	126.1	2.3	0.8	0.5
12	11/6/2014 14:16:11	14.23	49.89	32.66	10.49	8.02	5.1	2.679	125.1	2.3	0.8	0.5
13	11/6/2014 14:31:11	14.57	49.29	32.23	10.42	8.01	5.2	2.546	124.9	3.0	1.0	0.7
14	11/6/2014 14:46:11	14.50	49.48	32.37	10.38	8.02	5.0	2.381	124.2	2.8	0.9	0.7
15	11/6/2014 15:01:11	14.85	48.92	31.97	10.28	8.01	5.6	2.234	123.7	3.0	1.0	0.7
16	11/6/2014 15:16:11	14.96	48.82	31.90	10.22	8.01	6.8	2.070	123.1	3.0	1.0	0.7
17	11/6/2014 15:31:11	15.01	48.79	31.88	10.17	8.01	7.2	1.921	122.7	3.5	1.2	0.8
18	11/6/2014 15:46:12	15.06	48.87	31.94	10.11	8.01	6.5	1.767	122.0	3.4	1.1	0.8
19	11/6/2014 16:01:11	15.11	48.67	31.79	10.14	8.01	6.6	1.602	122.4	2.9	1.0	0.7
20	11/6/2014 16:16:11	15.17	48.68	31.80	10.11	8.01	7.8	1.462	122.3	3.0	1.0	0.7
21	11/6/2014 16:31:11	15.20	48.37	31.58	10.11	8.01	6.3	1.327	122.1	2.9	1.0	0.7
22	11/6/2014 16:46:11	15.24	48.57	31.72	10.04	8.01	9.9	1.211	121.5	3.3	1.1	0.8
23	11/6/2014 17:01:12	15.27	48.53	31.69	9.98	8.01	12.0	1.124	120.9	3.3	1.1	0.8
24	11/6/2014 17:16:12	15.29	48.45	31.64	9.97	8.01	6.7	1.086	120.7	3.1	1.0	0.7
25	11/6/2014 17:31:12	15.29	48.41	31.61	9.94	8.01	6.8	1.082	120.4	3.4	1.1	0.8
26	11/6/2014 17:46:12	15.36	48.32	31.55	9.95	8.02	5.1	1.158	120.6	3.9	1.3	0.9
27	11/6/2014 18:01:12	15.31	48.27	31.50	9.96	8.01	5.3	1.244	120.6	3.5	1.2	0.8
28	11/6/2014 18:16:11	15.33	48.26	31.50	10.04	8.02	5.0	1.341	121.6	3.5	1.2	0.8
29	11/6/2014 18:31:12	15.32	48.26	31.50	9.96	8.01	5.4	1.436	120.6	3.7	1.2	0.9
30	11/6/2014 18:46:12	15.16	47.67	31.07	9.78	7.97	9.5	1.529	117.7	3.6	1.2	0.8
31	11/6/2014 19:01:12	15.20	47.95	31.27	9.76	7.98	7.0	1.613	117.7	3.7	1.2	0.9
32	11/6/2014 19:16:12	15.16	47.89	31.23	10.46	7.97	6.8	1.715	126.1	3.9	1.3	0.9
33	11/6/2014 19:31:12	15.16	48.02	31.32	10.55	7.98	7.1	1.815	127.2	3.4	1.1	0.8
34	11/6/2014 19:46:12	15.16	48.44	31.63	10.45	7.99	6.2	1.905	126.2	3.6	1.2	0.9
35	11/6/2014 20:01:12	15.14	48.38	31.58	10.32	7.99	5.8	2.004	124.5	3.4	1.1	0.8
36	11/6/2014 20:16:12	15.11	48.66	31.79	10.23	7.99	6.7	2.128	123.5	3.5	1.2	0.8
37	11/6/2014 20:31:12	15.07	48.85	31.93	10.06	7.98	7.0	2.233	121.6	3.2	1.1	0.7
38	11/6/2014 20:46:11	15.05	48.75	31.85	10.00	7.98	6.8	2.344	120.7	3.4	1.1	0.8
39	11/6/2014 21:01:11	15.03	48.75	31.85	9.93	7.97	7.5	2.459	119.7	3.2	1.1	0.7
40	11/6/2014 21:16:11	14.94	49.22	32.19	9.88	7.98	8.7	2.574	119.2	2.9	1.0	0.7

sonde #3			Indian Island Long-Term Deployment Water Quality Data										
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence	
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	(Corrected ratio = 0.33)	%FS	
41	11/6/2014 21:31:12	14.87	49.28	32.24	9.77	7.98	8.7	2.674	117.8	3.4	1.1	0.8	
42	11/6/2014 21:46:12	14.82	49.38	32.30	9.74	7.98	9.1	2.780	117.4	2.8	0.9	0.7	
43	11/6/2014 22:01:12	14.73	49.41	32.32	9.70	7.98	11.0	2.890	116.7	3.2	1.1	0.7	
44	11/6/2014 22:16:12	14.61	49.67	32.51	9.68	7.99	10.4	2.987	116.3	3.5	1.2	0.8	
45	11/6/2014 22:31:12	14.38	50.06	32.79	9.72	7.99	12.2	3.080	116.5	2.8	0.9	0.6	
46	11/6/2014 22:46:12	14.22	50.20	32.89	9.64	8.00	10.8	3.174	115.2	3.2	1.1	0.7	
47	11/6/2014 23:01:12	14.16	50.09	32.80	9.66	8.00	11.7	3.264	115.2	2.9	1.0	0.7	
48	11/6/2014 23:16:11	14.13	50.26	32.93	9.61	8.00	10.7	3.339	114.6	2.8	0.9	0.6	
49	11/6/2014 23:31:11	14.11	50.35	32.99	9.65	8.01	11.4	3.408	115.1	2.9	1.0	0.7	
50	11/6/2014 23:46:11	14.04	50.38	33.02	9.67	8.01	9.2	3.480	115.2	3.1	1.0	0.7	
51	11/7/2014 0:01:12	13.98	50.48	33.09	9.66	8.02	6.1	3.522	114.9	3.0	1.0	0.7	
52	11/7/2014 0:16:12	13.98	50.46	33.07	9.61	8.02	3.9	3.545	114.3	2.8	0.9	0.7	
53	11/7/2014 0:31:12	14.07	50.31	32.96	9.50	8.01	4.8	3.549	113.1	2.9	1.0	0.7	
54	11/7/2014 0:46:12	13.96	50.47	33.07	9.67	8.02	4.7	3.529	115.1	2.7	0.9	0.6	
55	11/7/2014 1:01:12	14.03	50.35	32.99	9.58	8.01	6.6	3.469	114.1	2.5	0.8	0.6	
56	11/7/2014 1:16:12	14.09	50.33	32.98	9.54	8.01	8.1	3.386	113.8	2.6	0.9	0.6	
57	11/7/2014 1:31:12	14.11	50.35	32.99	9.49	8.00	7.3	3.294	113.2	3.1	1.0	0.7	
58	11/7/2014 1:46:12	14.23	50.07	32.79	9.50	7.99	7.6	3.197	113.5	3.0	1.0	0.7	
59	11/7/2014 2:01:11	14.36	49.81	32.61	9.52	7.99	8.1	3.103	113.9	2.2	0.7	0.5	
60	11/7/2014 2:16:12	14.38	49.70	32.53	9.44	7.98	7.3	2.998	112.9	2.8	0.9	0.7	
61	11/7/2014 2:31:12	14.51	49.65	32.50	9.36	7.97	6.9	2.887	112.2	2.7	0.9	0.6	
62	11/7/2014 2:46:12	14.57	49.58	32.45	9.38	7.97	6.6	2.800	112.5	2.9	1.0	0.7	
63	11/7/2014 3:01:12	14.55	49.55	32.42	9.36	7.96	6.5	2.701	112.2	2.8	0.9	0.6	
64	11/7/2014 3:16:12	14.39	49.93	32.70	9.35	7.97	5.6	2.609	111.9	2.8	0.9	0.7	
65	11/7/2014 3:31:12	14.39	49.64	32.48	9.26	7.97	5.2	2.515	110.7	2.6	0.9	0.6	
66	11/7/2014 3:46:12	14.52	49.55	32.42	9.25	7.97	6.0	2.439	110.9	2.9	1.0	0.7	
67	11/7/2014 4:01:12	14.59	49.44	32.34	9.26	7.97	6.1	2.349	111.0	2.9	1.0	0.7	
68	11/7/2014 4:16:12	14.67	49.35	32.28	9.21	7.96	5.5	2.272	110.6	2.3	0.8	0.5	
69	11/7/2014 4:31:12	14.68	49.34	32.27	9.23	7.96	5.0	2.215	110.8	2.9	1.0	0.7	
70	11/7/2014 4:46:12	14.68	49.24	32.20	9.23	7.96	4.8	2.152	110.8	2.8	0.9	0.7	
71	11/7/2014 5:01:11	14.79	49.12	32.12	9.26	7.95	4.2	2.121	111.4	2.9	1.0	0.7	
72	11/7/2014 5:16:12	14.89	49.02	32.05	9.22	7.95	4.2	2.094	111.0	2.6	0.9	0.6	
73	11/7/2014 5:31:12	14.94	48.80	31.89	9.20	7.95	4.0	2.086	110.8	2.4	0.8	0.6	
74	11/7/2014 5:46:12	14.93	48.73	31.84	9.13	7.94	3.6	2.116	109.8	2.7	0.9	0.6	
75	11/7/2014 6:01:12	14.91	48.80	31.89	9.25	7.95	3.9	2.145	111.3	2.2	0.7	0.5	
76	11/7/2014 6:16:12	14.89	48.79	31.88	9.19	7.94	4.2	2.204	110.5	2.7	0.9	0.6	
77	11/7/2014 6:31:12	14.88	48.92	31.97	9.17	7.94	5.0	2.277	110.4	2.6	0.9	0.6	
78	11/7/2014 6:46:11	14.78	48.66	31.78	9.16	7.93	7.8	2.368	109.9	2.7	0.9	0.6	
79	11/7/2014 7:01:12	14.78	48.90	31.96	9.13	7.94	7.1	2.456	109.6	2.3	0.8	0.6	
80	11/7/2014 7:16:12	14.75	49.07	32.08	9.15	7.95	5.9	2.547	109.9	2.2	0.7	0.5	
81	11/7/2014 7:31:12	14.68	49.31	32.25	9.13	7.95	6.4	2.634	109.6	2.3	0.8	0.5	

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
82	11/7/2014 7:46:12	14.58	49.51	32.39	9.15	7.96	6.2	2.725	109.8	2.3	0.8	0.5
83	11/7/2014 8:01:12	14.53	49.68	32.52	9.19	7.97	5.9	2.814	110.2	2.1	0.7	0.5
84	11/7/2014 8:16:12	14.49	49.84	32.64	9.20	7.97	6.4	2.905	110.3	1.8	0.6	0.4
85	11/7/2014 8:31:13	14.42	49.83	32.62	9.19	7.98	7.5	3.012	110.1	2.2	0.7	0.5
86	11/7/2014 8:46:12	14.33	49.87	32.65	9.23	7.98	8.3	3.111	110.3	2.5	0.8	0.6
87	11/7/2014 9:01:12	14.27	50.12	32.83	9.24	7.99	9.1	3.205	110.4	2.2	0.7	0.5
88	11/7/2014 9:16:12	14.20	50.23	32.91	9.28	8.00	9.7	3.308	110.9	2.6	0.9	0.6
89	11/7/2014 9:31:12	14.10	50.42	33.05	9.35	8.01	9.7	3.409	111.5	2.2	0.7	0.5
90	11/7/2014 9:46:12	14.01	50.58	33.16	9.42	8.03	10.5	3.515	112.3	2.3	0.8	0.5
91	11/7/2014 10:01:12	13.93	50.65	33.20	9.50	8.04	10.1	3.616	113.0	2.6	0.9	0.6
92	11/7/2014 10:16:12	13.87	50.75	33.28	9.50	8.05	7.8	3.716	112.9	2.2	0.7	0.5
93	11/7/2014 10:31:12	13.85	50.65	33.21	9.47	8.05	7.9	3.804	112.5	2.6	0.9	0.6
94	11/7/2014 10:46:12	13.83	50.87	33.37	9.43	8.05	5.3	3.887	112.1	2.9	1.0	0.7
95	11/7/2014 11:01:12	13.84	50.79	33.31	9.42	8.05	4.4	3.958	111.9	2.5	0.8	0.6
96	11/7/2014 11:16:12	13.81	50.71	33.25	9.40	8.05	3.9	4.009	111.6	2.4	0.8	0.6
97	11/7/2014 11:31:12	13.81	50.93	33.41	9.37	8.05	3.3	4.039	111.4	2.5	0.8	0.6
98	11/7/2014 11:46:12	13.93	50.77	33.29	9.34	8.04	3.5	4.032	111.2	2.6	0.9	0.6
99	11/7/2014 12:01:12	13.85	50.90	33.39	9.28	8.04	3.6	4.024	110.4	2.1	0.7	0.5
100	11/7/2014 12:16:12	13.92	50.86	33.36	9.31	8.04	4.8	3.976	110.8	2.2	0.7	0.5
101	11/7/2014 12:31:12	14.04	50.76	33.29	9.39	8.05	4.6	3.894	112.1	2.1	0.7	0.5
102	11/7/2014 12:46:12	14.19	50.58	33.17	9.46	8.05	4.4	3.805	113.1	2.0	0.7	0.5
103	11/7/2014 13:01:12	14.18	50.79	33.31	9.41	8.05	4.2	3.681	112.6	2.6	0.9	0.6
104	11/7/2014 13:16:12	14.41	50.51	33.12	9.43	8.04	4.5	3.563	113.3	2.4	0.8	0.6
105	11/7/2014 13:31:12	14.39	50.47	33.09	9.36	8.03	5.7	3.441	112.3	3.0	1.0	0.7
106	11/7/2014 13:46:12	14.41	50.23	32.92	9.40	8.04	5.2	3.312	112.7	2.7	0.9	0.6
107	11/7/2014 14:01:12	14.49	50.21	32.90	9.44	8.04	4.8	3.172	113.3	2.4	0.8	0.6
108	11/7/2014 14:16:12	14.60	50.23	32.92	9.48	8.04	4.4	3.044	114.2	2.1	0.7	0.5
109	11/7/2014 14:31:12	14.77	50.06	32.80	9.53	8.03	4.8	2.909	115.0	2.2	0.7	0.5
110	11/7/2014 14:46:12	14.80	49.98	32.74	9.57	8.03	5.9	2.753	115.5	2.5	0.8	0.6
111	11/7/2014 15:01:12	14.76	50.07	32.81	9.58	8.04	5.4	2.620	115.6	2.8	0.9	0.7
112	11/7/2014 15:16:12	14.74	50.29	32.97	9.64	8.05	4.9	2.465	116.4	2.7	0.9	0.6
113	11/7/2014 15:31:12	14.95	49.83	32.64	9.61	8.04	7.4	2.305	116.3	2.7	0.9	0.6
114	11/7/2014 15:46:12	15.06	49.65	32.51	9.62	8.03	6.2	2.161	116.6	2.8	0.9	0.7
115	11/7/2014 16:01:12	15.20	49.45	32.36	9.56	8.02	7.5	1.993	116.1	2.6	0.9	0.6
116	11/7/2014 16:16:12	15.22	49.53	32.42	9.62	8.03	6.9	1.843	116.9	2.5	0.8	0.6
117	11/7/2014 16:31:12	15.28	49.50	32.41	9.64	8.03	6.7	1.683	117.2	2.4	0.8	0.6
118	11/7/2014 16:46:12	15.29	49.35	32.29	9.65	8.03	6.5	1.521	117.4	2.8	0.9	0.7
119	11/7/2014 17:01:12	15.36	48.99	32.03	9.71	8.03	5.7	1.389	118.0	2.4	0.8	0.6
120	11/7/2014 17:16:12	15.38	49.14	32.15	9.71	8.03	6.1	1.255	118.2	2.9	1.0	0.7
121	11/7/2014 17:31:12	15.40	49.09	32.11	9.74	8.03	6.0	1.148	118.5	3.3	1.1	0.8
122	11/7/2014 17:46:12	15.44	48.98	32.03	9.75	8.03	6.4	1.060	118.7	3.2	1.1	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
123	11/7/2014 18:01:12	15.48	48.83	31.92	9.73	8.02	5.5	1.026	118.4	3.5	1.2	0.8
124	11/7/2014 18:16:12	15.56	48.78	31.88	9.67	8.02	5.1	1.053	117.9	3.5	1.2	0.8
125	11/7/2014 18:31:12	15.62	48.70	31.83	9.69	8.02	4.4	1.120	118.3	3.5	1.2	0.8
126	11/7/2014 18:46:12	15.57	48.69	31.82	9.71	8.02	4.2	1.198	118.4	3.5	1.2	0.8
127	11/7/2014 19:01:12	15.55	48.63	31.77	9.73	8.02	4.4	1.297	118.6	3.0	1.0	0.7
128	11/7/2014 19:16:12	15.51	48.48	31.66	9.65	8.01	5.0	1.411	117.4	2.8	0.9	0.7
129	11/7/2014 19:31:12	15.51	48.33	31.56	9.42	7.99	6.6	1.481	114.5	3.2	1.1	0.7
130	11/7/2014 19:46:12	15.49	48.42	31.62	9.42	7.99	6.2	1.571	114.5	3.0	1.0	0.7
131	11/7/2014 20:01:12	15.49	48.40	31.61	9.36	7.98	6.1	1.677	113.8	3.3	1.1	0.8
132	11/7/2014 20:16:12	15.46	48.68	31.81	9.43	8.00	5.9	1.771	114.7	3.1	1.0	0.7
133	11/7/2014 20:31:12	15.43	48.83	31.92	9.44	8.00	5.3	1.859	114.8	3.2	1.1	0.8
134	11/7/2014 20:46:12	15.39	48.80	31.90	9.43	8.00	5.4	1.964	114.6	3.1	1.0	0.7
135	11/7/2014 21:01:12	15.32	49.06	32.08	9.32	8.00	6.0	2.072	113.3	2.6	0.9	0.6
136	11/7/2014 21:16:12	15.26	49.20	32.18	9.20	7.99	6.1	2.187	111.7	3.0	1.0	0.7
137	11/7/2014 21:31:12	15.24	49.33	32.28	9.10	7.98	6.2	2.300	110.5	2.8	0.9	0.7
138	11/7/2014 21:46:12	15.22	49.34	32.28	9.06	7.98	6.8	2.397	110.0	3.3	1.1	0.8
139	11/7/2014 22:01:12	15.12	49.36	32.30	9.05	7.98	7.5	2.520	109.7	3.0	1.0	0.7
140	11/7/2014 22:16:12	15.05	49.56	32.44	9.03	7.98	8.2	2.631	109.4	2.8	0.9	0.7
141	11/7/2014 22:31:12	15.00	49.51	32.40	9.03	7.99	8.8	2.725	109.2	2.7	0.9	0.6
142	11/7/2014 22:46:12	14.91	49.62	32.49	9.01	7.99	10.4	2.827	108.9	3.2	1.1	0.7
143	11/7/2014 23:01:12	14.78	49.83	32.63	9.08	7.99	11.1	2.924	109.5	3.0	1.0	0.7
144	11/7/2014 23:16:12	14.58	50.14	32.85	9.06	8.01	11.4	3.016	108.9	3.2	1.1	0.8
145	11/7/2014 23:31:12	14.43	50.35	33.01	9.07	8.01	10.4	3.113	108.9	2.5	0.8	0.6
146	11/7/2014 23:46:12	14.37	50.46	33.08	9.06	8.02	9.8	3.194	108.6	2.8	0.9	0.7
147	11/8/2014 0:01:12	14.29	50.34	32.99	9.05	8.02	13.1	3.278	108.3	3.2	1.1	0.7
148	11/8/2014 0:16:11	14.18	50.43	33.05	9.14	8.02	10.6	3.358	109.2	2.6	0.9	0.6
149	11/8/2014 0:31:12	14.05	50.63	33.20	9.06	8.02	8.2	3.414	108.0	3.0	1.0	0.7
150	11/8/2014 0:46:12	13.95	50.72	33.26	9.07	8.03	6.7	3.466	107.9	2.8	0.9	0.7
151	11/8/2014 1:01:12	13.90	50.73	33.26	9.01	8.03	4.5	3.504	107.1	2.6	0.9	0.6
152	11/8/2014 1:16:12	14.02	50.56	33.14	8.99	8.02	4.3	3.503	107.1	2.8	0.9	0.7
153	11/8/2014 1:31:12	13.93	50.62	33.19	8.93	8.02	4.6	3.479	106.2	2.5	0.8	0.6
154	11/8/2014 1:46:12	13.94	50.79	33.31	8.92	8.02	5.1	3.444	106.2	2.1	0.7	0.5
155	11/8/2014 2:01:12	14.11	50.62	33.19	8.92	8.02	6.1	3.372	106.5	2.2	0.7	0.5
156	11/8/2014 2:16:12	14.42	50.23	32.92	8.92	8.00	6.7	3.288	107.0	2.2	0.7	0.5
157	11/8/2014 2:31:12	14.22	50.52	33.12	8.97	8.01	5.8	3.200	107.2	2.8	0.9	0.7
158	11/8/2014 2:46:12	14.48	50.04	32.78	8.88	8.00	7.0	3.092	106.6	2.3	0.8	0.5
159	11/8/2014 3:01:13	14.57	50.05	32.78	8.83	7.99	5.9	2.998	106.2	2.7	0.9	0.6
160	11/8/2014 3:16:12	14.63	49.79	32.60	8.80	7.98	5.8	2.905	105.8	2.7	0.9	0.6
161	11/8/2014 3:31:12	14.71	49.69	32.53	8.72	7.97	5.4	2.808	105.0	2.3	0.8	0.5
162	11/8/2014 3:46:12	14.75	49.64	32.49	8.66	7.96	5.1	2.723	104.3	2.2	0.7	0.5
163	11/8/2014 4:01:12	14.76	49.50	32.39	8.65	7.96	5.1	2.640	104.1	2.5	0.8	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
164	11/8/2014 4:16:12	14.70	49.77	32.58	8.70	7.97	4.7	2.545	104.7	2.7	0.9	0.6
165	11/8/2014 4:31:12	14.69	49.81	32.62	8.72	7.97	4.8	2.477	104.9	2.6	0.9	0.6
166	11/8/2014 4:46:12	14.75	49.66	32.51	8.72	7.97	5.0	2.407	105.1	2.5	0.8	0.6
167	11/8/2014 5:01:12	14.80	49.63	32.49	8.73	7.97	4.8	2.324	105.2	2.3	0.8	0.5
168	11/8/2014 5:16:12	14.87	49.44	32.35	8.73	7.97	4.7	2.278	105.2	2.8	0.9	0.7
169	11/8/2014 5:31:12	14.92	49.52	32.41	8.70	7.97	4.5	2.225	105.1	2.5	0.8	0.6
170	11/8/2014 5:46:12	14.97	49.28	32.23	8.69	7.96	4.3	2.192	104.9	2.4	0.8	0.6
171	11/8/2014 6:01:12	15.04	49.14	32.13	8.63	7.95	3.5	2.175	104.3	2.4	0.8	0.6
172	11/8/2014 6:16:13	15.02	49.03	32.05	8.49	7.94	3.3	2.174	102.5	2.1	0.7	0.5
173	11/8/2014 6:31:12	15.02	49.11	32.12	8.58	7.94	3.4	2.185	103.6	2.5	0.8	0.6
174	11/8/2014 6:46:12	15.00	49.14	32.14	8.60	7.95	3.7	2.226	103.8	2.3	0.8	0.5
175	11/8/2014 7:01:12	14.98	49.27	32.23	8.60	7.95	4.3	2.281	103.8	2.4	0.8	0.6
176	11/8/2014 7:16:12	14.98	49.26	32.22	8.64	7.95	4.4	2.339	104.3	2.3	0.8	0.5
177	11/8/2014 7:31:12	14.89	49.21	32.18	8.57	7.94	6.1	2.425	103.2	2.5	0.8	0.6
178	11/8/2014 7:46:12	14.86	49.18	32.16	8.58	7.94	5.3	2.505	103.3	2.2	0.7	0.5
179	11/8/2014 8:01:12	14.85	49.47	32.37	8.58	7.95	5.4	2.593	103.4	2.8	0.9	0.7
180	11/8/2014 8:16:12	14.78	49.57	32.44	8.59	7.96	5.3	2.676	103.4	2.2	0.7	0.5
181	11/8/2014 8:31:13	14.69	49.68	32.52	8.63	7.97	5.1	2.761	103.8	2.0	0.7	0.5
182	11/8/2014 8:46:12	14.63	49.94	32.71	8.69	7.98	5.1	2.853	104.6	2.4	0.8	0.6
183	11/8/2014 9:01:12	14.63	49.98	32.74	8.71	7.98	5.1	2.938	104.8	2.3	0.8	0.5
184	11/8/2014 9:16:12	14.58	50.08	32.81	8.71	7.99	5.8	3.026	104.7	1.6	0.5	0.4
185	11/8/2014 9:31:12	14.48	50.06	32.80	8.72	7.99	6.9	3.120	104.6	2.1	0.7	0.5
186	11/8/2014 9:46:12	14.36	50.35	33.00	8.74	8.00	7.0	3.218	104.7	2.3	0.8	0.5
187	11/8/2014 10:01:12	14.28	50.44	33.06	8.75	8.00	7.7	3.315	104.7	2.0	0.7	0.5
188	11/8/2014 10:16:12	14.05	50.68	33.23	8.73	8.01	8.8	3.415	104.1	2.2	0.7	0.5
189	11/8/2014 10:31:13	13.90	50.83	33.34	8.70	8.01	8.0	3.515	103.6	1.9	0.6	0.4
190	11/8/2014 10:46:12	13.75	50.99	33.45	8.81	8.01	7.8	3.612	104.6	2.2	0.7	0.5
191	11/8/2014 11:01:12	13.65	51.02	33.47	8.74	8.02	8.7	3.699	103.5	2.0	0.7	0.5
192	11/8/2014 11:16:12	13.53	51.09	33.51	8.65	8.02	7.5	3.777	102.3	1.9	0.6	0.5
193	11/8/2014 11:31:12	13.49	50.96	33.42	8.61	8.02	5.3	3.850	101.7	2.0	0.7	0.5
194	11/8/2014 11:46:12	13.44	51.11	33.52	8.58	8.02	4.7	3.903	101.2	1.7	0.6	0.4
195	11/8/2014 12:01:12	13.43	51.21	33.60	8.56	8.02	3.4	3.935	101.0	1.6	0.5	0.4
196	11/8/2014 12:16:12	13.43	51.16	33.56	8.50	8.02	2.6	3.964	100.3	1.6	0.5	0.4
197	11/8/2014 12:31:12	13.57	51.02	33.47	8.50	8.01	3.6	3.956	100.5	1.9	0.6	0.5
198	11/8/2014 12:46:12	13.44	51.09	33.51	8.46	8.02	3.7	3.922	99.8	1.8	0.6	0.4
199	11/8/2014 13:01:12	13.51	51.09	33.51	8.46	8.02	4.3	3.862	100.0	2.0	0.7	0.5
200	11/8/2014 13:16:12	13.85	50.95	33.42	8.66	8.02	5.3	3.773	103.0	1.8	0.6	0.4
201	11/8/2014 13:31:12	13.74	50.98	33.44	8.66	8.02	4.3	3.688	102.8	1.8	0.6	0.4
202	11/8/2014 13:46:12	14.05	50.71	33.25	8.68	8.02	4.0	3.564	103.6	2.2	0.7	0.5
203	11/8/2014 14:01:12	14.33	50.50	33.11	8.78	8.02	4.8	3.438	105.3	2.5	0.8	0.6
204	11/8/2014 14:16:12	14.35	50.37	33.02	8.77	8.01	4.8	3.321	105.1	2.1	0.7	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
205	11/8/2014 14:31:12	14.37	50.49	33.11	8.79	8.02	5.1	3.193	105.5	2.9	1.0	0.7
206	11/8/2014 14:46:11	14.38	50.38	33.02	8.83	8.02	4.3	3.063	105.9	2.8	0.9	0.7
207	11/8/2014 15:01:12	14.65	50.27	32.95	8.91	8.02	4.2	2.924	107.4	2.4	0.8	0.6
208	11/8/2014 15:16:12	14.74	50.15	32.86	8.93	8.02	4.5	2.796	107.7	2.1	0.7	0.5
209	11/8/2014 15:31:12	14.50	50.48	33.10	8.91	8.02	5.6	2.646	107.1	1.9	0.6	0.5
210	11/8/2014 15:46:12	14.80	50.02	32.77	8.90	8.02	5.2	2.510	107.5	2.8	0.9	0.7
211	11/8/2014 16:01:13	14.74	50.21	32.91	8.97	8.02	6.1	2.357	108.2	2.6	0.9	0.6
212	11/8/2014 16:16:12	14.91	49.85	32.65	9.01	8.02	6.8	2.196	108.9	2.7	0.9	0.6
213	11/8/2014 16:31:12	15.01	49.83	32.64	9.02	8.02	5.7	2.066	109.3	3.1	1.0	0.7
214	11/8/2014 16:46:12	15.08	49.64	32.50	9.02	8.02	5.7	1.913	109.4	3.1	1.0	0.7
215	11/8/2014 17:01:12	15.12	49.68	32.53	9.03	8.02	6.3	1.752	109.6	2.4	0.8	0.6
216	11/8/2014 17:16:12	15.14	49.55	32.44	9.05	8.02	6.7	1.609	109.8	3.0	1.0	0.7
217	11/8/2014 17:31:12	15.21	49.48	32.39	9.07	8.01	6.8	1.466	110.2	3.0	1.0	0.7
218	11/8/2014 17:46:12	15.29	49.33	32.28	9.10	8.02	5.6	1.338	110.6	3.1	1.0	0.7
219	11/8/2014 18:01:12	15.34	49.25	32.22	9.13	8.01	5.4	1.205	111.0	3.2	1.1	0.8
220	11/8/2014 18:16:12	15.39	49.08	32.10	9.12	8.01	5.4	1.121	111.0	3.0	1.0	0.7
221	11/8/2014 18:31:13	15.49	49.13	32.14	9.15	8.01	5.0	1.054	111.6	3.3	1.1	0.8
222	11/8/2014 18:46:12	15.39	49.23	32.21	9.06	8.01	5.4	1.038	110.3	3.6	1.2	0.8
223	11/8/2014 19:01:12	15.47	49.12	32.13	9.10	8.01	4.8	1.072	111.0	3.2	1.1	0.8
224	11/8/2014 19:16:12	15.52	49.01	32.05	9.16	8.01	4.1	1.135	111.7	3.2	1.1	0.8
225	11/8/2014 19:31:12	15.47	48.92	31.98	9.12	8.00	4.4	1.235	111.0	2.4	0.8	0.6
226	11/8/2014 19:46:12	15.46	48.94	32.00	9.15	8.01	4.2	1.309	111.4	2.6	0.9	0.6
227	11/8/2014 20:01:12	15.42	48.52	31.69	8.97	7.98	5.8	1.410	108.9	3.0	1.0	0.7
228	11/8/2014 20:16:12	15.41	48.47	31.65	8.79	7.96	6.5	1.505	106.7	3.1	1.0	0.7
229	11/8/2014 20:31:12	15.41	48.63	31.77	8.84	7.97	5.9	1.597	107.4	3.3	1.1	0.8
230	11/8/2014 20:46:12	15.41	48.66	31.80	8.90	7.98	5.7	1.677	108.1	3.0	1.0	0.7
231	11/8/2014 21:01:12	15.37	48.84	31.93	8.97	7.99	5.0	1.771	109.0	3.3	1.1	0.8
232	11/8/2014 21:16:12	15.35	49.05	32.08	8.96	7.99	4.5	1.865	108.9	2.9	1.0	0.7
233	11/8/2014 21:31:12	15.32	48.97	32.02	8.95	7.99	4.7	1.956	108.7	3.4	1.1	0.8
234	11/8/2014 21:46:12	15.26	49.20	32.19	8.87	7.99	5.5	2.065	107.7	3.2	1.1	0.8
235	11/8/2014 22:01:12	15.22	49.37	32.31	8.77	7.98	5.4	2.176	106.5	3.0	1.0	0.7
236	11/8/2014 22:16:12	15.20	49.49	32.40	8.71	7.98	5.7	2.289	105.8	2.8	0.9	0.7
237	11/8/2014 22:31:12	15.16	49.45	32.36	8.70	7.98	6.2	2.393	105.5	3.4	1.1	0.8
238	11/8/2014 22:46:12	15.08	49.68	32.53	8.69	7.98	6.3	2.497	105.3	2.9	1.0	0.7
239	11/8/2014 23:01:12	15.01	49.68	32.53	8.67	7.98	7.0	2.600	105.0	2.8	0.9	0.7
240	11/8/2014 23:16:12	14.94	49.83	32.63	8.65	7.98	7.8	2.699	104.7	2.6	0.9	0.6
241	11/8/2014 23:31:13	14.84	49.85	32.65	8.64	7.99	9.1	2.793	104.4	2.9	1.0	0.7
242	11/8/2014 23:46:12	14.70	49.96	32.73	8.62	7.99	9.4	2.884	103.9	3.2	1.1	0.8
243	11/9/2014 0:01:12	14.45	50.31	32.97	8.57	7.99	9.2	2.983	103.0	2.5	0.8	0.6
244	11/9/2014 0:16:12	14.21	50.48	33.09	8.54	8.00	9.5	3.070	102.1	2.7	0.9	0.6
245	11/9/2014 0:31:12	14.12	50.68	33.23	8.50	8.00	8.9	3.154	101.5	2.1	0.7	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
246	11/9/2014 0:46:12	14.09	50.66	33.22	8.49	8.00	10.1	3.238	101.3	2.7	0.9	0.6
247	11/9/2014 1:01:12	14.06	50.67	33.23	8.47	8.01	10.1	3.310	101.0	2.4	0.8	0.6
248	11/9/2014 1:16:12	13.97	50.84	33.35	8.46	8.01	8.3	3.375	100.8	2.7	0.9	0.6
249	11/9/2014 1:31:12	13.86	50.88	33.37	8.45	8.01	6.6	3.428	100.6	2.6	0.9	0.6
250	11/9/2014 1:46:12	13.79	50.94	33.41	8.45	8.01	4.7	3.461	100.4	2.1	0.7	0.5
251	11/9/2014 2:01:12	13.93	50.82	33.33	8.38	8.00	4.6	3.462	99.8	2.5	0.8	0.6
252	11/9/2014 2:16:12	13.78	50.97	33.43	8.35	8.01	4.3	3.454	99.2	2.4	0.8	0.6
253	11/9/2014 2:31:12	13.82	50.94	33.42	8.37	8.01	6.1	3.418	99.4	1.9	0.6	0.4
254	11/9/2014 2:46:12	13.96	50.83	33.34	8.34	8.00	5.4	3.348	99.4	2.2	0.7	0.5
255	11/9/2014 3:01:12	14.16	50.56	33.15	8.36	7.99	8.3	3.265	99.9	2.7	0.9	0.6
256	11/9/2014 3:16:12	14.07	50.72	33.26	8.39	8.00	5.6	3.174	100.2	2.1	0.7	0.5
257	11/9/2014 3:31:12	14.35	50.33	32.98	8.37	7.99	5.3	3.087	100.2	2.4	0.8	0.6
258	11/9/2014 3:46:12	14.48	50.23	32.91	8.33	7.98	6.0	2.998	100.0	3.2	1.1	0.7
259	11/9/2014 4:01:12	14.52	50.12	32.84	8.31	7.98	5.3	2.897	99.8	2.6	0.9	0.6
260	11/9/2014 4:16:12	14.65	49.94	32.71	8.26	7.97	4.8	2.821	99.4	2.6	0.9	0.6
261	11/9/2014 4:31:12	14.69	49.90	32.68	8.24	7.96	4.9	2.752	99.3	2.6	0.9	0.6
262	11/9/2014 4:46:12	14.75	49.71	32.55	8.24	7.96	4.8	2.660	99.2	2.9	1.0	0.7
263	11/9/2014 5:01:12	14.65	49.86	32.65	8.26	7.96	4.7	2.586	99.3	2.3	0.8	0.6
264	11/9/2014 5:16:13	14.62	49.95	32.72	8.24	7.96	4.5	2.525	99.1	2.2	0.7	0.5
265	11/9/2014 5:31:12	14.65	49.99	32.74	8.26	7.96	4.3	2.447	99.4	2.5	0.8	0.6
266	11/9/2014 5:46:12	14.69	49.93	32.70	8.27	7.96	4.2	2.384	99.6	2.0	0.7	0.5
267	11/9/2014 6:01:12	14.81	49.66	32.51	8.50	7.96	4.2	2.331	102.5	2.1	0.7	0.5
268	11/9/2014 6:16:12	14.86	49.56	32.44	8.48	7.96	4.2	2.296	102.4	2.7	0.9	0.6
269	11/9/2014 6:31:12	14.96	49.48	32.38	8.46	7.95	3.6	2.253	102.3	2.3	0.8	0.6
270	11/9/2014 6:46:12	15.04	49.30	32.25	8.35	7.94	3.4	2.241	101.0	2.8	0.9	0.6
271	11/9/2014 7:01:12	15.06	49.24	32.21	8.24	7.93	3.0	2.242	99.7	2.2	0.7	0.5
272	11/9/2014 7:16:12	15.00	49.32	32.27	8.29	7.94	3.2	2.247	100.1	2.1	0.7	0.5
273	11/9/2014 7:31:12	14.91	49.44	32.35	8.18	7.93	3.6	2.292	98.8	1.8	0.6	0.4
274	11/9/2014 7:46:12	14.95	49.43	32.35	8.26	7.94	3.7	2.340	99.8	1.9	0.6	0.4
275	11/9/2014 8:01:12	14.93	49.40	32.32	8.23	7.94	4.2	2.402	99.4	2.1	0.7	0.5
276	11/9/2014 8:16:12	14.89	49.46	32.37	8.20	7.94	6.1	2.472	98.9	2.2	0.7	0.5
277	11/9/2014 8:31:12	14.84	49.58	32.45	8.22	7.95	5.5	2.559	99.1	1.9	0.6	0.4
278	11/9/2014 8:46:12	14.79	49.68	32.53	8.23	7.95	4.8	2.646	99.1	1.9	0.6	0.5
279	11/9/2014 9:01:12	14.71	49.93	32.70	8.22	7.96	4.7	2.722	99.0	1.3	0.4	0.3
280	11/9/2014 9:16:12	14.59	50.02	32.77	8.24	7.97	4.8	2.806	99.0	1.8	0.6	0.4
281	11/9/2014 9:31:12	14.50	50.15	32.86	8.28	7.98	5.1	2.889	99.5	1.7	0.6	0.4
282	11/9/2014 9:46:13	14.47	50.25	32.93	8.28	7.98	5.0	2.958	99.4	1.7	0.6	0.4
283	11/9/2014 10:01:12	14.41	50.28	32.95	8.29	7.98	5.0	3.047	99.5	2.3	0.8	0.5
284	11/9/2014 10:16:12	14.32	50.37	33.01	8.28	7.98	5.7	3.130	99.2	1.9	0.6	0.4
285	11/9/2014 10:31:12	14.17	50.57	33.16	8.26	7.99	7.1	3.222	98.7	2.0	0.7	0.5
286	11/9/2014 10:46:12	14.07	50.52	33.12	8.25	7.99	5.9	3.311	98.4	1.6	0.5	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
287	11/9/2014 11:01:11	13.92	50.74	33.28	8.24	8.00	7.1	3.397	98.1	2.1	0.7	0.5
288	11/9/2014 11:16:12	13.76	50.87	33.37	8.18	8.00	6.2	3.486	97.1	2.4	0.8	0.6
289	11/9/2014 11:31:12	13.66	50.99	33.45	8.15	8.00	6.1	3.565	96.6	1.9	0.6	0.4
290	11/9/2014 11:46:12	13.51	51.12	33.54	8.11	8.00	5.1	3.637	95.8	2.1	0.7	0.5
291	11/9/2014 12:01:12	13.41	51.19	33.58	8.14	8.01	4.6	3.704	96.1	2.0	0.7	0.5
292	11/9/2014 12:16:12	13.37	51.23	33.61	8.10	8.01	3.8	3.761	95.5	2.3	0.8	0.5
293	11/9/2014 12:31:12	13.34	51.22	33.60	8.08	8.01	3.3	3.806	95.2	1.6	0.5	0.4
294	11/9/2014 12:46:12	13.34	51.34	33.69	8.02	8.01	3.0	3.816	94.6	1.6	0.5	0.4
295	11/9/2014 13:01:12	13.51	51.04	33.48	8.05	8.01	2.8	3.837	95.1	2.0	0.7	0.5
296	11/9/2014 13:16:12	13.38	51.36	33.71	7.93	8.00	3.1	3.812	93.5	1.8	0.6	0.4
297	11/9/2014 13:31:12	13.36	51.19	33.59	7.94	8.01	3.2	3.771	93.6	2.2	0.7	0.5
298	11/9/2014 13:46:12	13.45	51.29	33.66	7.93	8.01	3.3	3.715	93.7	1.7	0.6	0.4
299	11/9/2014 14:01:12	13.88	51.00	33.46	8.18	8.01	5.1	3.616	97.4	1.8	0.6	0.4
300	11/9/2014 14:16:12	13.82	51.01	33.46	8.20	8.01	3.9	3.539	97.5	1.8	0.6	0.4
301	11/9/2014 14:31:12	14.11	50.76	33.29	8.25	8.01	3.8	3.442	98.6	2.2	0.7	0.5
302	11/9/2014 14:46:13	14.27	50.60	33.18	8.30	8.01	4.7	3.314	99.4	2.5	0.8	0.6
303	11/9/2014 15:01:12	14.16	50.66	33.22	8.28	8.01	4.0	3.198	99.0	2.5	0.8	0.6
304	11/9/2014 15:16:12	14.27	50.58	33.17	8.32	8.01	4.0	3.087	99.7	2.2	0.7	0.5
305	11/9/2014 15:31:12	14.34	50.52	33.12	8.35	8.01	3.7	2.961	100.1	2.1	0.7	0.5
306	11/9/2014 15:46:12	14.52	50.25	32.93	8.43	8.01	4.1	2.843	101.3	2.7	0.9	0.6
307	11/9/2014 16:01:12	14.59	50.25	32.93	8.45	8.01	4.7	2.711	101.7	2.8	0.9	0.6
308	11/9/2014 16:16:12	14.34	50.61	33.19	8.42	8.01	4.8	2.588	101.0	2.6	0.9	0.6
309	11/9/2014 16:31:12	14.32	50.56	33.15	8.42	8.01	5.1	2.451	101.0	2.3	0.8	0.5
310	11/9/2014 16:46:12	14.52	50.27	32.95	8.46	8.01	8.2	2.305	101.7	2.6	0.9	0.6
311	11/9/2014 17:01:12	14.63	50.20	32.90	8.46	8.00	11.5	2.163	101.9	3.4	1.1	0.8
312	11/9/2014 17:16:12	14.75	50.00	32.76	8.43	8.00	11.1	2.045	101.7	3.2	1.1	0.8
313	11/9/2014 17:31:12	14.77	50.03	32.78	8.41	7.99	14.1	1.880	101.5	3.6	1.2	0.8
314	11/9/2014 17:46:11	14.82	49.90	32.68	8.46	7.99	12.6	1.748	102.1	4.0	1.3	0.9
315	11/9/2014 18:01:11	14.86	49.83	32.63	8.44	7.99	12.2	1.608	102.0	3.4	1.1	0.8
316	11/9/2014 18:16:11	14.98	49.67	32.52	8.48	7.99	10.4	1.455	102.5	3.3	1.1	0.8
317	11/9/2014 18:31:12	15.06	49.59	32.46	9.09	7.99	8.2	1.345	110.2	3.3	1.1	0.8
318	11/9/2014 18:46:11	15.09	49.56	32.44	9.11	7.98	7.2	1.243	110.4	3.3	1.1	0.8
319	11/9/2014 19:01:12	15.12	49.48	32.39	9.04	7.98	7.4	1.162	109.6	3.1	1.0	0.7
320	11/9/2014 19:16:12	15.12	49.46	32.37	9.02	7.98	7.3	1.098	109.3	3.4	1.1	0.8
321	11/9/2014 19:31:12	15.06	49.47	32.37	8.87	7.97	7.1	1.081	107.4	3.4	1.1	0.8
322	11/9/2014 19:46:12	15.23	49.33	32.28	8.87	7.97	5.6	1.130	107.7	3.0	1.0	0.7
323	11/9/2014 20:01:12	15.21	49.40	32.33	8.83	7.98	5.4	1.168	107.2	3.4	1.1	0.8
324	11/9/2014 20:16:12	15.27	49.26	32.23	8.77	7.97	5.3	1.243	106.5	3.2	1.1	0.7
325	11/9/2014 20:31:12	15.30	49.14	32.14	8.72	7.97	5.3	1.337	106.0	3.3	1.1	0.8
326	11/9/2014 20:46:12	15.29	49.03	32.06	8.71	7.97	5.5	1.428	105.8	3.5	1.2	0.8
327	11/9/2014 21:01:12	15.23	48.95	32.00	8.52	7.95	6.7	1.519	103.3	3.3	1.1	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
328	11/9/2014 21:16:12	15.22	49.02	32.05	8.52	7.95	6.3	1.605	103.3	3.1	1.0	0.7
329	11/9/2014 21:31:12	15.21	49.02	32.05	8.51	7.96	6.4	1.685	103.2	3.3	1.1	0.8
330	11/9/2014 21:46:12	15.18	49.12	32.12	8.59	7.97	5.8	1.790	104.2	3.3	1.1	0.8
331	11/9/2014 22:01:12	15.15	49.32	32.27	8.59	7.97	5.3	1.877	104.1	3.1	1.0	0.7
332	11/9/2014 22:16:12	15.14	49.39	32.32	8.54	7.97	5.4	1.954	103.6	2.9	1.0	0.7
333	11/9/2014 22:31:12	15.09	49.51	32.41	8.49	7.97	6.2	2.062	102.9	3.0	1.0	0.7
334	11/9/2014 22:46:13	15.02	49.65	32.51	8.41	7.97	5.9	2.172	101.9	3.3	1.1	0.8
335	11/9/2014 23:01:12	15.00	49.58	32.46	8.39	7.97	6.2	2.273	101.6	2.7	0.9	0.6
336	11/9/2014 23:16:12	14.96	49.78	32.60	8.36	7.97	6.5	2.361	101.1	3.5	1.2	0.8
337	11/9/2014 23:31:12	14.89	49.78	32.60	8.35	7.97	7.4	2.470	101.0	3.4	1.1	0.8
338	11/9/2014 23:46:12	14.82	49.93	32.71	8.35	7.97	7.3	2.576	100.8	3.2	1.1	0.8
339	11/10/2014 0:01:12	14.78	49.94	32.71	8.33	7.98	7.5	2.656	100.5	3.2	1.1	0.8
340	11/10/2014 0:16:12	14.71	49.98	32.74	8.36	7.98	8.5	2.748	100.8	3.1	1.0	0.7
341	11/10/2014 0:31:12	14.59	50.18	32.88	8.31	7.98	9.5	2.849	100.0	2.8	0.9	0.7
342	11/10/2014 0:46:12	14.47	50.22	32.91	8.30	7.98	9.5	2.930	99.6	3.1	1.0	0.7
343	11/10/2014 1:01:12	14.17	50.57	33.16	8.26	7.99	9.5	3.008	98.8	2.7	0.9	0.6
344	11/10/2014 1:16:12	14.04	50.73	33.27	8.26	7.99	9.0	3.091	98.5	2.3	0.8	0.5
345	11/10/2014 1:31:12	13.99	50.73	33.27	8.25	7.99	9.0	3.173	98.3	2.7	0.9	0.6
346	11/10/2014 1:46:12	13.97	50.78	33.30	8.23	7.99	9.2	3.237	98.0	2.3	0.8	0.5
347	11/10/2014 2:01:12	13.94	50.78	33.30	8.22	7.99	7.2	3.292	97.8	2.9	1.0	0.7
348	11/10/2014 2:16:12	13.92	50.87	33.36	8.20	8.00	5.3	3.355	97.6	2.2	0.7	0.5
349	11/10/2014 2:31:12	13.88	50.84	33.35	8.20	8.00	4.4	3.374	97.6	2.0	0.7	0.5
350	11/10/2014 2:46:12	14.02	50.76	33.29	8.17	7.99	4.6	3.385	97.4	2.8	0.9	0.7
351	11/10/2014 3:01:12	13.91	50.76	33.29	8.12	7.99	4.2	3.371	96.6	2.5	0.8	0.6
352	11/10/2014 3:16:12	13.92	50.88	33.37	8.14	7.99	5.9	3.321	96.9	1.9	0.6	0.4
353	11/10/2014 3:31:12	13.97	50.83	33.34	8.12	7.99	5.7	3.279	96.8	1.8	0.6	0.4
354	11/10/2014 3:46:12	14.22	50.25	32.92	8.14	7.98	6.5	3.218	97.2	2.1	0.7	0.5
355	11/10/2014 4:01:12	14.06	50.66	33.22	8.16	7.98	5.0	3.122	97.4	2.4	0.8	0.6
356	11/10/2014 4:16:12	14.14	50.55	33.14	8.15	7.98	5.4	3.049	97.4	2.6	0.9	0.6
357	11/10/2014 4:31:12	14.33	50.35	33.00	8.11	7.97	5.6	2.968	97.1	2.7	0.9	0.6
358	11/10/2014 4:46:12	14.41	50.28	32.95	8.09	7.96	5.3	2.885	97.1	1.8	0.6	0.4
359	11/10/2014 5:01:12	14.47	50.02	32.76	8.06	7.96	5.5	2.801	96.7	2.2	0.7	0.5
360	11/10/2014 5:16:12	14.51	50.15	32.86	8.06	7.96	5.4	2.726	96.8	2.7	0.9	0.6
361	11/10/2014 5:31:12	14.58	49.93	32.70	8.05	7.95	5.6	2.652	96.8	2.7	0.9	0.6
362	11/10/2014 5:46:12	14.53	50.06	32.79	8.02	7.95	5.4	2.601	96.3	2.3	0.8	0.5
363	11/10/2014 6:01:12	14.46	50.06	32.79	8.04	7.95	4.8	2.540	96.5	2.5	0.8	0.6
364	11/10/2014 6:16:12	14.49	50.15	32.86	8.01	7.95	4.8	2.477	96.2	2.4	0.8	0.6
365	11/10/2014 6:31:12	14.49	49.97	32.72	8.06	7.95	4.7	2.421	96.7	2.7	0.9	0.6
366	11/10/2014 6:46:12	14.62	49.86	32.65	8.03	7.95	4.3	2.366	96.6	2.2	0.7	0.5
367	11/10/2014 7:01:12	14.67	49.86	32.65	8.07	7.95	4.0	2.337	97.1	2.6	0.9	0.6
368	11/10/2014 7:16:12	14.73	49.72	32.55	8.12	7.94	3.9	2.313	97.7	2.7	0.9	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
369	11/10/2014 7:31:12	14.79	49.58	32.45	8.06	7.94	3.3	2.289	97.2	2.0	0.7	0.5
370	11/10/2014 7:46:12	14.83	49.58	32.45	8.00	7.94	2.9	2.301	96.5	2.1	0.7	0.5
371	11/10/2014 8:01:12	14.76	49.73	32.56	8.00	7.93	3.7	2.304	96.4	2.1	0.7	0.5
372	11/10/2014 8:16:12	14.69	49.73	32.55	7.94	7.92	4.1	2.335	95.6	1.9	0.6	0.4
373	11/10/2014 8:31:12	14.68	49.64	32.49	7.96	7.93	4.7	2.373	95.8	2.0	0.7	0.5
374	11/10/2014 8:46:12	14.65	49.77	32.59	7.95	7.93	4.2	2.428	95.6	2.1	0.7	0.5
375	11/10/2014 9:01:12	14.67	49.65	32.50	8.00	7.94	4.8	2.494	96.2	2.0	0.7	0.5
376	11/10/2014 9:16:12	14.65	49.67	32.51	8.00	7.93	5.3	2.557	96.1	2.5	0.8	0.6
377	11/10/2014 9:31:12	14.63	49.84	32.64	8.03	7.95	5.1	2.631	96.6	2.3	0.8	0.5
378	11/10/2014 9:46:12	14.58	50.04	32.78	8.03	7.95	4.3	2.708	96.5	2.5	0.8	0.6
379	11/10/2014 10:01:12	14.45	50.12	32.84	8.05	7.96	4.9	2.780	96.5	1.7	0.6	0.4
380	11/10/2014 10:16:12	14.36	50.27	32.94	8.08	7.97	5.0	2.852	96.8	2.4	0.8	0.6
381	11/10/2014 10:31:12	14.29	50.28	32.95	8.11	7.97	4.5	2.932	97.1	2.5	0.8	0.6
382	11/10/2014 10:46:12	14.25	50.53	33.13	8.11	7.98	4.1	3.002	97.1	2.6	0.9	0.6
383	11/10/2014 11:01:12	14.20	50.55	33.14	8.12	7.98	4.5	3.086	97.1	2.0	0.7	0.5
384	11/10/2014 11:16:12	14.08	50.66	33.22	8.12	7.98	5.1	3.168	96.9	2.2	0.7	0.5
385	11/10/2014 11:31:12	13.98	50.71	33.26	8.13	7.99	5.2	3.238	96.8	2.4	0.8	0.6
386	11/10/2014 11:46:12	13.92	50.85	33.35	8.12	7.99	5.0	3.311	96.6	2.1	0.7	0.5
387	11/10/2014 12:01:12	13.82	50.95	33.43	8.11	7.99	5.1	3.393	96.4	2.0	0.7	0.5
388	11/10/2014 12:16:12	13.72	51.06	33.50	8.12	8.00	4.8	3.463	96.3	2.2	0.7	0.5
389	11/10/2014 12:31:12	13.64	51.09	33.52	8.12	8.00	3.7	3.518	96.2	2.2	0.7	0.5
390	11/10/2014 12:46:12	13.56	51.10	33.52	8.13	8.00	3.7	3.569	96.2	1.9	0.6	0.4
391	11/10/2014 13:01:12	13.52	51.13	33.54	8.14	8.01	3.7	3.617	96.2	2.5	0.8	0.6
392	11/10/2014 13:16:12	13.47	51.13	33.54	8.15	8.01	3.0	3.648	96.2	2.1	0.7	0.5
393	11/10/2014 13:31:12	13.55	51.08	33.51	8.15	8.01	2.5	3.665	96.4	2.0	0.7	0.5
394	11/10/2014 13:46:12	13.61	51.00	33.45	8.10	8.00	2.8	3.667	95.8	2.0	0.7	0.5
395	11/10/2014 14:01:13	13.50	51.31	33.68	8.07	8.00	2.5	3.642	95.4	1.5	0.5	0.3
396	11/10/2014 14:16:12	13.53	51.26	33.64	8.08	8.00	2.7	3.612	95.7	1.9	0.6	0.4
397	11/10/2014 14:31:12	13.69	51.07	33.50	8.08	8.00	3.3	3.552	95.8	1.8	0.6	0.4
398	11/10/2014 14:46:12	14.08	50.92	33.41	8.21	8.01	3.8	3.473	98.1	2.2	0.7	0.5
399	11/10/2014 15:01:12	14.05	51.00	33.47	8.24	8.01	4.3	3.391	98.4	1.8	0.6	0.4
400	11/10/2014 15:16:12	14.31	50.74	33.28	8.28	8.01	3.7	3.282	99.3	2.2	0.7	0.5
401	11/10/2014 15:31:12	14.54	50.57	33.17	8.45	8.01	5.3	3.189	101.8	2.3	0.8	0.5
402	11/10/2014 15:46:12	14.47	50.52	33.13	8.46	8.01	4.7	3.080	101.7	2.3	0.8	0.5
403	11/10/2014 16:01:12	14.51	50.57	33.16	8.53	8.02	3.7	2.972	102.7	2.5	0.8	0.6
404	11/10/2014 16:16:12	14.59	50.44	33.07	8.65	8.02	3.5	2.862	104.2	2.2	0.7	0.5
405	11/10/2014 16:31:12	14.72	50.42	33.06	8.68	8.03	3.7	2.757	104.8	2.8	0.9	0.7
406	11/10/2014 16:46:12	14.79	50.33	33.00	8.70	8.03	3.9	2.634	105.2	2.6	0.9	0.6
407	11/10/2014 17:01:12	14.71	50.32	32.99	8.61	8.02	4.5	2.520	103.9	2.3	0.8	0.5
408	11/10/2014 17:16:12	14.40	50.50	33.11	8.44	8.01	4.2	2.401	101.3	2.7	0.9	0.6
409	11/10/2014 17:31:12	14.75	50.26	32.94	8.49	8.01	5.4	2.286	102.5	3.0	1.0	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
410	11/10/2014 17:46:13	14.65	50.18	32.88	8.56	8.01	5.4	2.142	103.2	2.5	0.8	0.6
411	11/10/2014 18:01:12	14.62	50.29	32.96	8.48	8.01	5.8	2.006	102.2	3.0	1.0	0.7
412	11/10/2014 18:16:12	14.81	50.01	32.76	8.56	8.01	6.5	1.907	103.4	3.1	1.0	0.7
413	11/10/2014 18:31:12	14.85	49.92	32.70	8.54	8.01	6.8	1.758	103.2	3.0	1.0	0.7
414	11/10/2014 18:46:12	14.88	49.79	32.60	8.58	8.01	7.3	1.647	103.7	2.8	0.9	0.7
415	11/10/2014 19:01:12	14.96	49.77	32.59	8.65	8.01	7.2	1.525	104.7	2.6	0.9	0.6
416	11/10/2014 19:16:12	15.07	49.60	32.47	8.67	8.01	6.6	1.419	105.0	2.9	1.0	0.7
417	11/10/2014 19:31:12	15.20	49.50	32.40	8.73	8.01	6.1	1.340	106.0	2.6	0.9	0.6
418	11/10/2014 19:46:12	15.25	49.49	32.39	8.73	8.01	5.1	1.262	106.1	3.1	1.0	0.7
419	11/10/2014 20:01:12	15.26	49.50	32.40	8.74	8.01	4.7	1.219	106.2	3.0	1.0	0.7
420	11/10/2014 20:16:12	15.30	49.35	32.30	8.73	8.00	4.6	1.209	106.1	3.0	1.0	0.7
421	11/10/2014 20:31:12	15.24	49.27	32.23	8.71	8.00	4.0	1.224	105.8	2.6	0.9	0.6
422	11/10/2014 20:46:11	15.30	49.33	32.28	8.80	8.01	3.7	1.258	107.0	2.9	1.0	0.7
423	11/10/2014 21:01:12	15.29	49.34	32.29	8.79	8.01	3.7	1.332	106.9	2.8	0.9	0.6
424	11/10/2014 21:16:12	15.27	49.33	32.28	8.80	8.01	4.2	1.403	107.0	3.0	1.0	0.7
425	11/10/2014 21:31:12	15.24	49.19	32.18	8.71	7.99	4.7	1.487	105.7	2.6	0.9	0.6
426	11/10/2014 21:46:12	15.28	48.90	31.97	8.49	7.97	5.5	1.589	103.1	2.7	0.9	0.6
427	11/10/2014 22:01:12	15.28	48.90	31.97	8.47	7.96	5.3	1.651	102.8	2.7	0.9	0.6
428	11/10/2014 22:16:12	15.26	48.99	32.03	8.50	7.97	5.4	1.746	103.1	3.1	1.0	0.7
429	11/10/2014 22:31:12	15.24	49.22	32.20	8.62	7.99	4.8	1.837	104.7	3.0	1.0	0.7
430	11/10/2014 22:46:12	15.22	49.38	32.31	8.61	7.99	4.3	1.913	104.6	3.3	1.1	0.8
431	11/10/2014 23:01:12	15.18	49.34	32.29	8.61	7.99	4.7	2.020	104.5	3.0	1.0	0.7
432	11/10/2014 23:16:12	15.12	49.63	32.50	8.56	7.99	4.3	2.100	103.9	3.4	1.1	0.8
433	11/10/2014 23:31:11	15.04	49.68	32.53	8.48	7.99	4.6	2.189	102.7	2.6	0.9	0.6
434	11/10/2014 23:46:11	15.02	49.68	32.53	8.41	7.98	4.6	2.288	101.9	3.4	1.1	0.8
435	11/11/2014 0:01:11	14.98	49.89	32.68	8.40	7.98	5.1	2.375	101.7	2.4	0.8	0.6
436	11/11/2014 0:16:12	14.91	49.80	32.61	8.37	7.98	5.3	2.468	101.2	3.0	1.0	0.7
437	11/11/2014 0:31:12	14.82	49.87	32.66	8.34	7.99	5.6	2.555	100.7	2.4	0.8	0.6
438	11/11/2014 0:46:12	14.76	50.07	32.81	8.34	7.99	5.5	2.646	100.6	3.0	1.0	0.7
439	11/11/2014 1:01:12	14.71	50.07	32.81	8.32	7.99	6.4	2.732	100.3	3.0	1.0	0.7
440	11/11/2014 1:16:12	14.56	50.31	32.98	8.30	7.99	7.2	2.819	99.9	2.9	1.0	0.7
441	11/11/2014 1:31:12	14.45	50.26	32.94	8.29	7.99	6.9	2.895	99.5	3.1	1.0	0.7
442	11/11/2014 1:46:12	14.26	50.39	33.03	8.27	7.99	6.2	2.972	99.0	2.9	1.0	0.7
443	11/11/2014 2:01:12	14.04	50.73	33.27	8.25	7.99	6.7	3.061	98.4	2.8	0.9	0.7
444	11/11/2014 2:16:13	13.91	50.81	33.33	8.23	8.00	6.5	3.123	97.9	2.7	0.9	0.6
445	11/11/2014 2:31:12	13.85	50.90	33.38	8.21	8.00	6.5	3.190	97.7	2.5	0.8	0.6
446	11/11/2014 2:46:12	13.81	50.70	33.24	8.19	8.00	5.0	3.249	97.2	2.3	0.8	0.5
447	11/11/2014 3:01:11	13.77	50.81	33.32	8.21	8.00	4.7	3.289	97.4	2.0	0.7	0.5
448	11/11/2014 3:16:12	13.74	50.84	33.34	8.15	8.00	3.7	3.319	96.7	2.1	0.7	0.5
449	11/11/2014 3:31:12	13.85	50.78	33.30	8.14	7.99	4.0	3.328	96.7	1.8	0.6	0.4
450	11/11/2014 3:46:12	13.75	50.91	33.39	8.08	7.99	4.1	3.315	95.8	2.0	0.7	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
451	11/11/2014 4:01:12	13.73	50.92	33.39	8.10	7.99	3.9	3.289	96.1	1.8	0.6	0.4
452	11/11/2014 4:16:12	13.78	50.92	33.40	8.07	7.99	4.4	3.237	95.8	2.4	0.8	0.6
453	11/11/2014 4:31:13	14.07	50.57	33.15	8.09	7.99	5.4	3.171	96.4	2.4	0.8	0.6
454	11/11/2014 4:46:12	13.99	50.55	33.14	8.14	7.98	4.7	3.118	96.9	1.9	0.6	0.4
455	11/11/2014 5:01:12	13.95	50.69	33.24	8.15	7.99	4.3	3.036	97.0	2.2	0.7	0.5
456	11/11/2014 5:16:12	14.11	50.52	33.12	8.11	7.98	4.2	2.965	96.8	2.6	0.9	0.6
457	11/11/2014 5:31:12	14.20	50.36	33.00	8.07	7.98	4.5	2.893	96.4	2.3	0.8	0.5
458	11/11/2014 5:46:12	14.24	50.31	32.97	8.06	7.97	4.3	2.827	96.3	2.4	0.8	0.6
459	11/11/2014 6:01:12	14.29	50.15	32.85	8.02	7.97	4.0	2.761	95.9	2.2	0.7	0.5
460	11/11/2014 6:16:12	14.31	50.11	32.82	8.03	7.96	4.3	2.707	96.0	2.2	0.7	0.5
461	11/11/2014 6:31:12	14.33	50.06	32.79	8.01	7.96	4.1	2.648	95.8	2.7	0.9	0.6
462	11/11/2014 6:46:12	14.17	50.09	32.80	8.01	7.96	4.4	2.602	95.5	2.3	0.8	0.5
463	11/11/2014 7:01:13	14.20	50.04	32.77	8.00	7.96	4.0	2.564	95.4	2.1	0.7	0.5
464	11/11/2014 7:16:12	14.21	50.02	32.75	8.01	7.96	4.1	2.519	95.5	2.2	0.7	0.5
465	11/11/2014 7:31:12	14.23	49.97	32.72	7.99	7.96	3.7	2.479	95.4	2.0	0.7	0.5
466	11/11/2014 7:46:12	14.32	49.99	32.74	8.07	7.96	3.7	2.453	96.5	2.3	0.8	0.5
467	11/11/2014 8:01:13	14.36	49.83	32.62	8.04	7.95	3.3	2.425	96.1	2.0	0.7	0.5
468	11/11/2014 8:16:12	14.36	49.73	32.55	7.98	7.94	3.1	2.419	95.3	2.2	0.7	0.5
469	11/11/2014 8:31:12	14.40	49.70	32.53	7.94	7.94	2.9	2.403	95.0	2.3	0.8	0.5
470	11/11/2014 8:46:12	14.37	49.66	32.49	7.93	7.94	3.0	2.413	94.7	1.7	0.6	0.4
471	11/11/2014 9:01:12	14.40	49.79	32.59	8.03	7.95	3.2	2.444	96.1	1.9	0.6	0.4
472	11/11/2014 9:16:12	14.31	49.80	32.60	7.98	7.94	3.5	2.469	95.3	1.8	0.6	0.4
473	11/11/2014 9:31:12	14.44	49.88	32.66	8.08	7.96	3.3	2.510	96.8	2.6	0.9	0.6
474	11/11/2014 9:46:12	14.46	49.89	32.67	8.08	7.96	3.6	2.562	96.9	2.3	0.8	0.5
475	11/11/2014 10:01:12	14.41	49.95	32.71	8.08	7.96	3.9	2.624	96.8	2.5	0.8	0.6
476	11/11/2014 10:16:12	14.41	49.96	32.71	8.11	7.97	3.8	2.685	97.2	2.7	0.9	0.6
477	11/11/2014 10:31:12	14.36	50.02	32.76	8.11	7.97	3.7	2.752	97.1	2.2	0.7	0.5
478	11/11/2014 10:46:12	14.26	50.22	32.91	8.10	7.97	4.5	2.817	96.8	2.5	0.8	0.6
479	11/11/2014 11:01:11	14.16	50.29	32.95	8.13	7.98	4.0	2.886	97.0	2.3	0.8	0.5
480	11/11/2014 11:16:12	14.14	50.43	33.06	8.17	7.98	4.1	2.957	97.5	2.3	0.8	0.5
481	11/11/2014 11:31:12	14.08	50.54	33.13	8.18	7.98	3.5	3.013	97.5	2.3	0.8	0.5
482	11/11/2014 11:46:12	14.04	50.58	33.16	8.18	7.99	3.6	3.088	97.5	2.0	0.7	0.5
483	11/11/2014 12:01:12	14.02	50.57	33.15	8.18	7.99	3.3	3.170	97.5	2.4	0.8	0.6
484	11/11/2014 12:16:12	13.89	50.76	33.29	8.20	7.99	4.1	3.227	97.6	2.4	0.8	0.6
485	11/11/2014 12:31:12	13.82	50.85	33.35	8.22	7.99	3.8	3.294	97.6	2.4	0.8	0.6
486	11/11/2014 12:46:12	13.74	50.92	33.40	8.24	8.00	3.4	3.355	97.7	1.8	0.6	0.4
487	11/11/2014 13:01:12	13.68	50.90	33.38	8.26	8.00	3.3	3.409	97.9	1.6	0.5	0.4
488	11/11/2014 13:16:12	13.66	50.96	33.42	8.27	8.00	3.2	3.457	97.9	2.2	0.7	0.5
489	11/11/2014 13:31:12	13.62	50.95	33.42	8.30	8.00	3.0	3.491	98.3	2.0	0.7	0.5
490	11/11/2014 13:46:12	13.55	50.98	33.43	8.30	8.00	2.8	3.528	98.1	2.2	0.7	0.5
491	11/11/2014 14:01:12	13.50	51.00	33.45	8.40	8.00	3.0	3.553	99.2	2.0	0.7	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
492	11/11/2014 14:16:12	13.61	50.97	33.43	8.35	8.00	2.5	3.543	98.8	1.9	0.6	0.4
493	11/11/2014 14:31:12	13.58	50.91	33.39	8.27	7.99	2.6	3.542	97.8	1.9	0.6	0.4
494	11/11/2014 14:46:13	13.54	51.11	33.53	8.28	8.00	2.5	3.519	97.9	1.8	0.6	0.4
495	11/11/2014 15:01:12	13.61	51.05	33.49	8.28	7.99	2.8	3.488	98.0	2.1	0.7	0.5
496	11/11/2014 15:16:12	13.74	50.94	33.41	8.30	7.99	3.0	3.436	98.5	1.5	0.5	0.4
497	11/11/2014 15:31:12	14.07	50.73	33.27	8.41	7.99	3.6	3.360	100.4	2.3	0.8	0.5
498	11/11/2014 15:46:12	14.23	50.59	33.17	8.45	8.00	3.4	3.297	101.1	2.4	0.8	0.6
499	11/11/2014 16:01:12	14.22	50.58	33.16	8.52	8.00	3.2	3.209	101.9	2.9	1.0	0.7
500	11/11/2014 16:16:12	14.38	50.44	33.07	8.59	8.00	3.6	3.119	103.0	2.9	1.0	0.7
501	11/11/2014 16:31:12	14.33	50.45	33.08	8.57	8.00	4.1	3.022	102.7	2.7	0.9	0.6
502	11/11/2014 16:46:12	14.33	50.43	33.06	8.57	8.00	3.1	2.936	102.7	2.7	0.9	0.6
503	11/11/2014 17:01:12	14.43	50.32	32.98	8.61	8.00	3.0	2.838	103.4	2.3	0.8	0.5
504	11/11/2014 17:16:12	14.59	50.13	32.85	8.71	8.01	3.2	2.727	104.8	2.4	0.8	0.6
505	11/11/2014 17:31:12	14.63	50.13	32.85	8.75	8.01	3.9	2.634	105.4	2.6	0.9	0.6
506	11/11/2014 17:46:12	14.29	50.53	33.13	8.52	7.99	3.8	2.537	102.0	2.8	0.9	0.7
507	11/11/2014 18:01:12	14.55	50.14	32.85	8.60	8.00	4.7	2.417	103.4	3.1	1.0	0.7
508	11/11/2014 18:16:12	14.52	50.16	32.87	8.58	7.99	4.7	2.312	103.0	3.1	1.0	0.7
509	11/11/2014 18:31:12	14.48	50.14	32.85	8.54	7.99	5.1	2.196	102.5	3.2	1.1	0.7
510	11/11/2014 18:46:13	14.56	50.10	32.82	8.56	7.99	5.0	2.086	102.9	3.1	1.0	0.7
511	11/11/2014 19:01:12	14.58	49.95	32.72	8.51	7.99	5.5	1.974	102.3	2.6	0.9	0.6
512	11/11/2014 19:16:12	14.61	50.02	32.77	8.53	7.98	5.0	1.847	102.6	3.0	1.0	0.7
513	11/11/2014 19:31:12	14.61	49.96	32.72	8.50	7.98	5.3	1.743	102.2	3.3	1.1	0.8
514	11/11/2014 19:46:12	14.64	49.82	32.62	8.48	7.98	5.1	1.670	102.0	3.1	1.0	0.7
515	11/11/2014 20:01:12	14.66	49.73	32.55	8.48	7.98	4.9	1.583	102.0	2.9	1.0	0.7
516	11/11/2014 20:16:12	14.76	49.75	32.58	8.50	7.98	4.4	1.513	102.4	3.1	1.0	0.7
517	11/11/2014 20:31:13	14.80	49.60	32.47	8.55	7.99	4.0	1.467	103.1	3.6	1.2	0.8
518	11/11/2014 20:46:12	14.83	49.49	32.38	8.60	7.99	3.7	1.446	103.7	3.4	1.1	0.8
519	11/11/2014 21:01:12	14.85			8.72	7.99	3.0	1.439	103.9	2.5	0.8	0.6
520	11/11/2014 21:16:12	14.82			8.68	7.99	3.0	1.448	103.4	3.1	1.0	0.7
521	11/11/2014 21:31:12	14.83			8.79	7.99	3.0	1.503	104.1	2.9	1.0	0.7
522	11/11/2014 21:46:12	14.79			8.72	7.98	3.4	1.556	103.7	3.0	1.0	0.7
523	11/11/2014 22:01:12	14.77			8.75	7.99	3.3	1.599	103.9	3.0	1.0	0.7
524	11/11/2014 22:16:12	14.74			8.72	7.98	3.7	1.684	103.6	2.9	1.0	0.7
525	11/11/2014 22:31:12	14.66			8.54	7.95	5.1	1.760	100.9	2.9	1.0	0.7
526	11/11/2014 22:46:12	14.63			8.50	7.94	4.8	1.833	100.6	3.2	1.1	0.7
527	11/11/2014 23:01:12	14.71			8.56	7.96	4.3	1.912	101.6	3.0	1.0	0.7
528	11/11/2014 23:16:12	14.75			8.61	7.97	4.3	1.975	102.3	3.5	1.2	0.8
529	11/11/2014 23:31:12	14.74			8.62	7.97	3.9	2.055	102.5	3.0	1.0	0.7
530	11/11/2014 23:46:12	14.72			8.63	7.97	3.9	2.141	102.4	2.9	1.0	0.7
531	11/12/2014 0:01:12	14.68			8.56	7.98	3.6	2.225	102.2	2.8	0.9	0.7
532	11/12/2014 0:16:12	14.62			8.50	7.97	3.9	2.305	101.4	2.9	1.0	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
533	11/12/2014 0:31:12	14.60			8.51	7.97	3.9	2.405	101.1	3.1	1.0	0.7
534	11/12/2014 0:46:12	14.56			8.49	7.97	4.8	2.484	100.7	2.9	1.0	0.7
535	11/12/2014 1:01:12	14.51			8.45	7.97	4.6	2.562	100.5	2.2	0.7	0.5
536	11/12/2014 1:16:12	14.47			8.42	7.97	4.4	2.646	100.3	2.8	0.9	0.7
537	11/12/2014 1:31:12	14.42			8.39	7.98	4.7	2.723	100.1	2.8	0.9	0.7
538	11/12/2014 1:46:12	14.38			8.49	7.98	4.3	2.808	99.9	2.8	0.9	0.7
539	11/12/2014 2:01:13	14.28			8.48	7.98	5.4	2.886	99.7	2.7	0.9	0.6
540	11/12/2014 2:16:12	14.20			8.51	7.98	5.7	2.956	99.7	2.7	0.9	0.6
541	11/12/2014 2:31:12	14.12			8.50	7.98	5.7	3.022	99.6	3.0	1.0	0.7
542	11/12/2014 2:46:12	13.96			8.44	7.99	5.4	3.100	99.1	3.2	1.1	0.7
543	11/12/2014 3:01:12	13.76			8.37	7.99	4.3	3.156	98.5	2.2	0.7	0.5
544	11/12/2014 3:16:12	13.64			8.39	7.99	4.4	3.216	97.9	2.2	0.7	0.5
545	11/12/2014 3:31:12	13.55			8.40	7.99	4.8	3.265	98.0	3.1	1.0	0.7
546	11/12/2014 3:46:12	13.53			8.36	7.99	3.2	3.304	97.5	2.7	0.9	0.6
547	11/12/2014 4:01:12	13.48			8.34	7.99	2.8	3.335	97.1	2.2	0.7	0.5
548	11/12/2014 4:16:12	13.62			8.31	7.98	3.3	3.347	97.0	2.5	0.8	0.6
549	11/12/2014 4:31:12	13.54			8.25	7.98	3.2	3.343	96.2	1.7	0.6	0.4
550	11/12/2014 4:46:12	13.47			8.24	7.98	2.7	3.327	96.0	2.1	0.7	0.5
551	11/12/2014 5:01:12	13.49			8.24	7.98	2.9	3.287	96.0	2.2	0.7	0.5
552	11/12/2014 5:16:12	13.56			8.24	7.98	4.2	3.228	96.0	2.2	0.7	0.5
553	11/12/2014 5:31:12	14.02			8.28	7.97	4.3	3.192	97.2	2.6	0.9	0.6
554	11/12/2014 5:46:12	13.83			8.33	7.97	4.0	3.127	97.0	2.7	0.9	0.6
555	11/12/2014 6:01:12	13.71			8.35	7.98	3.8	3.048	96.9	2.8	0.9	0.6
556	11/12/2014 6:16:12	13.76			8.34	7.98	3.7	3.001	97.0	2.4	0.8	0.6
557	11/12/2014 6:31:12	13.86			8.25	7.97	3.4	2.937	96.8	2.8	0.9	0.7
558	11/12/2014 6:46:12	13.97			8.29	7.96	3.7	2.878	96.6	2.7	0.9	0.6
559	11/12/2014 7:01:13	14.04			8.23	7.96	3.2	2.815	96.0	2.7	0.9	0.6
560	11/12/2014 7:16:13	14.06			8.16	7.95	3.1	2.771	95.7	2.3	0.8	0.5
561	11/12/2014 7:31:13	14.06			8.13	7.95	3.1	2.725	95.1	2.2	0.7	0.5
562	11/12/2014 7:46:13	14.07			8.14	7.95	3.3	2.681	95.3	2.2	0.7	0.5
563	11/12/2014 8:01:13	13.99			8.13	7.94	3.3	2.648	94.9	1.9	0.6	0.5
564	11/12/2014 8:16:12	14.00			8.16	7.94	3.2	2.599	95.2	2.5	0.8	0.6
565	11/12/2014 8:31:12	14.01			8.10	7.94	3.3	2.597	95.0	2.3	0.8	0.5
566	11/12/2014 8:46:12	14.02			8.11	7.93	3.6	2.567	94.9	2.4	0.8	0.6
567	11/12/2014 9:01:12	14.04			8.08	7.93	3.3	2.541	95.0	2.6	0.9	0.6
568	11/12/2014 9:16:12	14.03			8.02	7.93	2.9	2.554	94.2	2.5	0.8	0.6
569	11/12/2014 9:31:12	14.01			8.03	7.94	2.9	2.549	94.5	2.0	0.7	0.5
570	11/12/2014 9:46:12	14.12			8.10	7.94	2.7	2.562	95.0	1.9	0.6	0.4
571	11/12/2014 10:01:12	14.07			8.16	7.94	3.0	2.573	95.0	1.9	0.6	0.4
572	11/12/2014 10:16:12	14.13			8.16	7.95	2.8	2.603	95.9	2.1	0.7	0.5
573	11/12/2014 10:31:13	14.08			8.13	7.94	3.0	2.641	95.3	2.3	0.8	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
574	11/12/2014 10:46:12	14.16			8.21	7.95	2.9	2.671	96.4	2.0	0.7	0.5
575	11/12/2014 11:01:12	14.20			8.20	7.96	2.9	2.711	97.1	2.3	0.8	0.5
576	11/12/2014 11:16:12	14.20			8.26	7.96	3.2	2.774	97.5	2.7	0.9	0.6
577	11/12/2014 11:31:12	14.18			8.27	7.97	2.9	2.822	97.6	2.4	0.8	0.6
578	11/12/2014 11:46:13	14.13			8.26	7.97	2.8	2.865	97.8	2.4	0.8	0.6
579	11/12/2014 12:01:12	14.02			8.25	7.97	3.0	2.910	97.4	2.7	0.9	0.6
580	11/12/2014 12:16:12	14.01			8.23	7.97	2.7	2.973	97.5	2.3	0.8	0.5
581	11/12/2014 12:31:12	13.95			8.34	7.98	2.6	3.018	97.9	2.4	0.8	0.6
582	11/12/2014 12:46:12	13.89			8.35	7.98	2.6	3.081	98.0	2.4	0.8	0.6
583	11/12/2014 13:01:12	13.86			8.40	7.98	2.7	3.142	98.8	2.6	0.9	0.6
584	11/12/2014 13:16:12	13.81			8.41	7.98	2.6	3.188	98.2	2.0	0.7	0.5
585	11/12/2014 13:31:12	13.81			8.40	7.99	2.5	3.235	98.2	2.2	0.7	0.5
586	11/12/2014 13:46:12	13.72			8.39	7.99	2.6	3.283	97.9	2.0	0.7	0.5
587	11/12/2014 14:01:12	13.63			8.31	7.99	2.7	3.312	97.4	2.1	0.7	0.5
588	11/12/2014 14:16:12	13.53			8.28	7.99	2.3	3.355	97.0	2.2	0.7	0.5
589	11/12/2014 14:31:12	13.48			8.31	7.99	2.2	3.365	97.1	2.0	0.7	0.5
590	11/12/2014 14:46:12	13.45			8.31	7.99	2.3	3.402	96.7	2.2	0.7	0.5
591	11/12/2014 15:01:12	13.55			8.31	7.99	2.3	3.415	96.8	2.4	0.8	0.6
592	11/12/2014 15:16:12	13.46			8.21	7.98	2.0	3.415	95.7	1.9	0.6	0.5
593	11/12/2014 15:31:12	13.45			8.23	7.98	2.6	3.390	95.9	1.9	0.6	0.4
594	11/12/2014 15:46:11	13.47			8.31	7.99	2.5	3.360	96.6	1.7	0.6	0.4
595	11/12/2014 16:01:12	13.51			8.21	7.98	2.7	3.331	96.3	2.2	0.7	0.5
596	11/12/2014 16:16:12	13.67			8.26	7.99	2.6	3.265	96.7	2.0	0.7	0.5
597	11/12/2014 16:31:12	14.04			8.37	7.99	2.9	3.186	98.7	2.5	0.8	0.6
598	11/12/2014 16:46:12	14.15			8.45	8.00	3.4	3.126	99.9	2.0	0.7	0.5
599	11/12/2014 17:01:12	14.04			8.40	8.00	3.9	3.037	99.2	2.4	0.8	0.6
600	11/12/2014 17:16:12	14.17			8.56	8.01	3.6	2.961	101.5	2.3	0.8	0.5
601	11/12/2014 17:31:12	14.25			8.73	8.01	3.4	2.871	103.0	2.6	0.9	0.6
602	11/12/2014 17:46:12	14.28			8.69	8.01	3.6	2.782	102.8	3.1	1.0	0.7
603	11/12/2014 18:01:12	14.38			8.77	8.02	3.6	2.712	103.9	2.2	0.7	0.5
604	11/12/2014 18:16:12	14.42			8.76	8.01	3.5	2.628	103.9	2.7	0.9	0.6
605	11/12/2014 18:31:12	14.43			8.90	8.03	3.7	2.529	105.3	2.6	0.9	0.6
606	11/12/2014 18:46:12	14.27			8.70	8.01	3.9	2.449	102.6	2.4	0.8	0.6
607	11/12/2014 19:01:12	14.25			8.64	8.01	3.9	2.367	102.0	2.9	1.0	0.7
608	11/12/2014 19:16:12	14.26			8.61	8.00	4.2	2.277	101.6	2.6	0.9	0.6
609	11/12/2014 19:31:12	14.31			8.64	8.00	4.1	2.156	102.0	3.2	1.1	0.7
610	11/12/2014 19:46:12	14.28			8.61	8.00	4.5	2.066	101.5	2.4	0.8	0.6
611	11/12/2014 20:01:12	14.43			8.74	8.01	4.3	2.000	103.4	2.7	0.9	0.6
612	11/12/2014 20:16:13	14.38			8.69	8.01	4.1	1.900	102.7	2.6	0.9	0.6
613	11/12/2014 20:31:12	14.42			8.72	8.01	4.0	1.825	103.1	2.6	0.9	0.6
614	11/12/2014 20:46:13	14.51			8.85	8.02	3.9	1.751	104.8	2.7	0.9	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
615	11/12/2014 21:01:12	14.56			8.96	8.02	6.2	1.721	106.2	2.6	0.9	0.6
616	11/12/2014 21:16:12	14.61			9.04	8.03	3.8	1.683	107.2	2.2	0.7	0.5
617	11/12/2014 21:31:12	14.65			9.10	8.04	2.8	1.622	107.9	2.2	0.7	0.5
618	11/12/2014 21:46:12	14.65			9.02	8.03	2.7	1.662	107.5	2.8	0.9	0.7
619	11/12/2014 22:01:12	14.64			9.10	8.04	2.8	1.671	108.0	3.0	1.0	0.7
620	11/12/2014 22:16:13	14.64			9.12	8.04	2.8	1.695	108.3	2.8	0.9	0.7
621	11/12/2014 22:31:13	14.63			9.12	8.04	3.2	1.711	108.1	2.7	0.9	0.6
622	11/12/2014 22:46:12	14.61			9.11	8.04	3.1	1.771	108.1	2.2	0.7	0.5
623	11/12/2014 23:01:12	14.59			9.09	8.03	3.5	1.855	107.6	2.6	0.9	0.6
624	11/12/2014 23:16:12	14.58			8.96	8.01	5.3	1.911	105.9	2.2	0.7	0.5
625	11/12/2014 23:31:12	14.59			8.90	8.01	4.6	1.962	105.5	2.6	0.9	0.6
626	11/12/2014 23:46:12	14.58			8.87	8.00	4.1	2.041	105.0	2.7	0.9	0.6
627	11/13/2014 0:01:12	14.58			9.00	8.01	4.2	2.113	106.4	2.8	0.9	0.7
628	11/13/2014 0:16:12	14.57			8.96	8.01	3.6	2.197	106.0	2.7	0.9	0.6
629	11/13/2014 0:31:13	14.55			8.90	8.01	3.6	2.254	105.3	2.6	0.9	0.6
630	11/13/2014 0:46:12	14.50			8.82	8.00	3.4	2.326	104.3	3.3	1.1	0.8
631	11/13/2014 1:01:12	14.46			8.70	8.00	3.6	2.399	103.0	2.4	0.8	0.6
632	11/13/2014 1:16:12	14.44			8.61	7.99	3.4	2.468	102.0	2.4	0.8	0.6
633	11/13/2014 1:31:13	14.42			8.53	7.99	3.7	2.539	101.3	2.6	0.9	0.6
634	11/13/2014 1:46:13	14.38			8.53	7.99	3.6	2.613	101.0	2.3	0.8	0.5
635	11/13/2014 2:01:13	14.34			8.49	7.99	3.8	2.698	100.5	2.5	0.8	0.6
636	11/13/2014 2:16:12	14.28			8.49	7.99	3.9	2.761	100.3	2.7	0.9	0.6
637	11/13/2014 2:31:12	14.23			8.52	7.99	3.6	2.836	100.1	2.5	0.8	0.6
638	11/13/2014 2:46:12	14.16			8.51	7.99	3.9	2.908	99.7	2.2	0.7	0.5
639	11/13/2014 3:01:12	14.07			8.51	7.99	4.1	2.981	99.5	2.7	0.9	0.6
640	11/13/2014 3:16:12	13.94			8.51	7.99	4.7	3.056	99.2	2.4	0.8	0.6
641	11/13/2014 3:31:12	13.88			8.44	7.99	4.4	3.114	99.0	2.7	0.9	0.6
642	11/13/2014 3:46:12	13.80			8.44	7.99	4.0	3.185	98.8	2.3	0.8	0.5
643	11/13/2014 4:01:12	13.69			8.47	7.99	4.0	3.230	98.4	2.5	0.8	0.6
644	11/13/2014 4:16:12	13.63			8.51	7.99	3.2	3.279	98.2	2.5	0.8	0.6
645	11/13/2014 4:31:12	13.58			8.48	7.99	2.9	3.329	98.1	3.1	1.0	0.7
646	11/13/2014 4:46:12	13.52			8.47	7.99	2.8	3.359	97.9	2.3	0.8	0.5
647	11/13/2014 5:01:12	13.54			8.42	7.98	2.4	3.351	97.0	2.6	0.9	0.6
648	11/13/2014 5:16:12	13.51			8.39	7.98	3.0	3.341	97.1	2.3	0.8	0.5
649	11/13/2014 5:31:12	13.49			8.43	7.98	2.9	3.359	97.1	2.1	0.7	0.5
650	11/13/2014 5:46:12	13.50			8.44	7.98	2.8	3.331	97.1	2.2	0.7	0.5
651	11/13/2014 6:01:11	13.55			8.43	7.98	3.9	3.277	97.4	2.5	0.8	0.6
652	11/13/2014 6:16:12	13.91			8.39	7.98	3.9	3.239	97.5	2.5	0.8	0.6
653	11/13/2014 6:31:12	14.00			8.42	7.97	4.2	3.190	98.0	2.4	0.8	0.6
654	11/13/2014 6:46:12	13.96			8.42	7.97	3.6	3.131	98.1	2.5	0.8	0.6
655	11/13/2014 7:01:12	13.87			8.48	7.98	3.3	3.066	98.2	2.6	0.9	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
656	11/13/2014 7:16:12	14.03			8.43	7.97	3.6	3.021	97.8	2.1	0.7	0.5
657	11/13/2014 7:31:12	14.09			8.42	7.97	3.4	2.969	97.8	1.8	0.6	0.4
658	11/13/2014 7:46:12	14.14			8.42	7.97	3.4	2.911	98.1	2.3	0.8	0.5
659	11/13/2014 8:01:12	14.17			8.42	7.96	3.2	2.871	98.0	2.2	0.7	0.5
660	11/13/2014 8:16:12	14.21			8.41	7.96	2.9	2.810	98.0	2.4	0.8	0.6
661	11/13/2014 8:31:12	14.24			8.40	7.96	2.7	2.776	97.8	2.4	0.8	0.6
662	11/13/2014 8:46:12	14.26			8.42	7.96	2.9	2.734	98.2	2.4	0.8	0.6
663	11/13/2014 9:01:12	14.29			8.41	7.96	3.1	2.703	98.0	2.0	0.7	0.5
664	11/13/2014 9:16:12	14.27			8.40	7.96	3.0	2.665	98.0	2.2	0.7	0.5
665	11/13/2014 9:31:12	14.29			8.46	7.96	3.0	2.636	98.7	2.1	0.7	0.5
666	11/13/2014 9:46:13	14.33			8.45	7.96	3.1	2.610	98.8	2.3	0.8	0.5
667	11/13/2014 10:01:12	14.36			8.40	7.96	3.4	2.587	98.3	2.3	0.8	0.5
668	11/13/2014 10:16:12	14.36			8.36	7.96	2.8	2.578	97.6	2.3	0.8	0.5
669	11/13/2014 10:31:12	14.34			8.38	7.96	2.8	2.580	98.0	2.0	0.7	0.5
670	11/13/2014 10:46:12	14.30			8.40	7.96	2.7	2.578	98.1	2.3	0.8	0.5
671	11/13/2014 11:01:12	14.33			8.39	7.96	2.3	2.587	98.0	1.7	0.6	0.4
672	11/13/2014 11:16:12	14.31			8.38	7.96	2.5	2.610	98.1	1.8	0.6	0.4
673	11/13/2014 11:31:12	14.32			8.44	7.96	2.6	2.636	98.5	2.2	0.7	0.5
674	11/13/2014 11:46:12	14.34			8.45	7.96	2.5	2.657	98.7	2.3	0.8	0.5
675	11/13/2014 12:01:12	14.32			8.45	7.97	2.4	2.703	98.7	2.0	0.7	0.5
676	11/13/2014 12:16:12	14.46			8.49	7.96	2.9	2.742	99.6	3.0	1.0	0.7
677	11/13/2014 12:31:12	14.34			8.46	7.97	2.5	2.786	98.9	2.7	0.9	0.6
678	11/13/2014 12:46:12	14.31			8.46	7.97	2.5	2.833	98.9	2.0	0.7	0.5
679	11/13/2014 13:01:12	14.27			8.47	7.97	2.5	2.890	98.9	2.1	0.7	0.5
680	11/13/2014 13:16:12	14.16			8.47	7.97	2.8	2.937	98.7	2.3	0.8	0.6
681	11/13/2014 13:31:12	14.08			8.47	7.97	2.9	2.979	98.6	2.4	0.8	0.6
682	11/13/2014 13:46:13	14.01			8.52	7.98	2.9	3.018	98.9	2.0	0.7	0.5
683	11/13/2014 14:01:13	14.01			8.51	7.98	2.5	3.064	98.9	2.4	0.8	0.6
684	11/13/2014 14:16:13	14.01			8.55	7.99	2.3	3.120	99.4	2.8	0.9	0.7
685	11/13/2014 14:31:12	13.98			8.55	7.99	2.3	3.154	99.3	2.6	0.9	0.6
686	11/13/2014 14:46:12	13.97			8.50	7.99	2.2	3.196	99.1	2.5	0.8	0.6
687	11/13/2014 15:01:12	13.97			8.50	7.99	2.2	3.219	99.2	2.3	0.8	0.5
688	11/13/2014 15:16:12	13.94			8.50	7.98	2.3	3.255	99.0	2.0	0.7	0.5
689	11/13/2014 15:31:12	13.87			8.44	7.98	2.3	3.270	98.3	2.3	0.8	0.5
690	11/13/2014 15:46:12	13.85			8.36	7.98	2.0	3.275	97.6	2.2	0.7	0.5
691	11/13/2014 16:01:12	13.85			8.37	7.97	2.1	3.278	97.8	2.3	0.8	0.5
692	11/13/2014 16:16:12	13.86			8.37	7.98	2.1	3.268	97.8	2.0	0.7	0.5
693	11/13/2014 16:31:12	13.88			8.46	7.98	2.1	3.239	98.4	1.8	0.6	0.4
694	11/13/2014 16:46:12	13.92			8.46	7.98	2.8	3.195	98.5	2.3	0.8	0.5
695	11/13/2014 17:01:12	14.01			8.41	7.98	2.6	3.148	98.4	2.5	0.8	0.6
696	11/13/2014 17:16:12	14.16			8.48	7.98	2.6	3.101	99.2	2.9	1.0	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
697	11/13/2014 17:31:12	14.29			8.52	7.99	2.8	3.044	99.8	2.8	0.9	0.6
698	11/13/2014 17:46:12	14.61			8.70	8.01	3.5	2.969	102.6	2.5	0.8	0.6
699	11/13/2014 18:01:12	14.65			8.72	8.01	3.8	2.908	103.0	2.8	0.9	0.7
700	11/13/2014 18:16:12	14.66			8.82	8.01	3.2	2.845	104.0	2.5	0.8	0.6
701	11/13/2014 18:31:12	14.80			8.88	8.02	3.4	2.764	105.0	2.7	0.9	0.6
702	11/13/2014 18:46:12	14.82			8.91	8.02	3.7	2.711	105.4	2.6	0.9	0.6
703	11/13/2014 19:01:12	14.66			8.84	8.01	3.6	2.642	104.3	3.0	1.0	0.7
704	11/13/2014 19:16:12	14.55			8.79	8.00	3.5	2.563	103.4	3.1	1.0	0.7
705	11/13/2014 19:31:12	14.55			8.74	8.00	3.6	2.481	103.0	2.9	1.0	0.7
706	11/13/2014 19:46:13	14.55			8.78	8.00	3.4	2.405	103.3	2.9	1.0	0.7
707	11/13/2014 20:01:12	14.52			8.78	8.00	3.6	2.326	103.5	2.3	0.8	0.5
708	11/13/2014 20:16:12	14.59			8.93	8.01	3.9	2.262	104.7	2.9	1.0	0.7
709	11/13/2014 20:31:12	14.68			9.02	8.02	3.8	2.193	106.0	3.2	1.1	0.7
710	11/13/2014 20:46:12	14.73			9.06	8.02	4.0	2.095	106.5	2.2	0.7	0.5
711	11/13/2014 21:01:12	14.78			9.16	8.03	3.9	2.052	107.7	1.9	0.6	0.4
712	11/13/2014 21:16:12	14.78			9.13	8.03	3.9	1.972	107.4	2.9	1.0	0.7
713	11/13/2014 21:31:13	14.81			9.15	8.03	3.4	1.928	107.6	2.6	0.9	0.6
714	11/13/2014 21:46:12	14.79			9.10	8.03	3.6	1.884	107.0	3.0	1.0	0.7
715	11/13/2014 22:01:12	14.84			9.16	8.03	3.4	1.842	108.0	2.7	0.9	0.6
716	11/13/2014 22:16:12	14.87			9.13	8.03	3.7	1.830	107.8	2.6	0.9	0.6
717	11/13/2014 22:31:12	14.91			9.17	8.04	2.9	1.803	108.6	2.7	0.9	0.6
718	11/13/2014 22:46:13	14.86			9.16	8.03	3.4	1.824	108.1	2.9	1.0	0.7
719	11/13/2014 23:01:12	14.87			9.18	8.04	3.0	1.820	108.3	2.9	1.0	0.7
720	11/13/2014 23:16:12	14.85			9.21	8.04	2.8	1.857	108.6	2.1	0.7	0.5
721	11/13/2014 23:31:12	14.85			9.22	8.04	3.1	1.896	108.7	2.6	0.9	0.6
722	11/13/2014 23:46:12	14.85			9.25	8.04	3.2	1.955	109.0	2.5	0.8	0.6
723	11/14/2014 0:01:12	14.84			9.21	8.03	3.9	2.004	108.5	2.8	0.9	0.7
724	11/14/2014 0:16:12	14.85			9.10	8.02	3.6	2.035	107.2	2.7	0.9	0.6
725	11/14/2014 0:31:13	14.85			9.12	8.02	3.4	2.120	107.6	2.7	0.9	0.6
726	11/14/2014 0:46:12	14.85			9.08	8.02	3.6	2.192	106.8	3.0	1.0	0.7
727	11/14/2014 1:01:12	14.83			9.02	8.01	3.8	2.227	106.0	2.8	0.9	0.7
728	11/14/2014 1:16:12	14.81			9.03	8.01	3.4	2.294	106.2	2.6	0.9	0.6
729	11/14/2014 1:31:12	14.77			9.02	8.01	3.2	2.372	105.9	2.7	0.9	0.6
730	11/14/2014 1:46:13	14.71			8.92	8.00	3.4	2.431	104.8	2.6	0.9	0.6
731	11/14/2014 2:01:13	14.64			8.83	8.00	3.2	2.499	103.5	2.4	0.8	0.6
732	11/14/2014 2:16:12	14.59			8.79	7.99	3.2	2.552	103.0	2.7	0.9	0.6
733	11/14/2014 2:31:12	14.54			8.76	7.98	3.2	2.629	102.7	2.8	0.9	0.6
734	11/14/2014 2:46:12	14.52			8.86	7.98	3.0	2.687	103.7	1.9	0.6	0.4
735	11/14/2014 3:01:12	14.48			8.77	7.98	3.4	2.756	102.5	2.6	0.9	0.6
736	11/14/2014 3:16:12	14.42			8.70	7.98	3.4	2.835	101.8	2.8	0.9	0.7
737	11/14/2014 3:31:12	14.34			8.66	7.98	3.4	2.907	101.1	2.3	0.8	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
738	11/14/2014 3:46:12	14.28			8.63	7.98	3.6	2.970	100.7	2.5	0.8	0.6
739	11/14/2014 4:01:12	14.18			8.57	7.98	3.8	3.028	100.0	2.6	0.9	0.6
740	11/14/2014 4:16:12	14.07			8.59	7.98	3.7	3.100	99.9	2.6	0.9	0.6
741	11/14/2014 4:31:12	13.95			8.62	7.98	3.4	3.166	100.0	2.8	0.9	0.7
742	11/14/2014 4:46:12	13.89			8.59	7.98	3.5	3.212	99.6	2.3	0.8	0.5
743	11/14/2014 5:01:12	13.82			8.58	7.98	3.4	3.264	99.3	2.5	0.8	0.6
744	11/14/2014 5:16:12	13.76			8.55	7.98	3.1	3.291	99.3	2.9	1.0	0.7
745	11/14/2014 5:31:12	13.70			8.54	7.98	2.8	3.339	98.9	2.6	0.9	0.6
746	11/14/2014 5:46:12	13.66			8.63	7.98	2.4	3.358	100.1	2.4	0.8	0.6
747	11/14/2014 6:01:12	13.81			8.47	7.98	2.9	3.366	98.4	2.5	0.8	0.6
748	11/14/2014 6:16:12	13.67			8.47	7.98	2.8	3.352	98.2	1.8	0.6	0.4
749	11/14/2014 6:31:12	13.67			8.46	7.98	2.6	3.329	98.1	2.5	0.8	0.6
750	11/14/2014 6:46:12	13.74			8.46	7.98	2.8	3.285	97.9	2.1	0.7	0.5
751	11/14/2014 7:01:12	13.84			8.45	7.98	3.4	3.249	98.0	2.5	0.8	0.6
752	11/14/2014 7:16:12	14.13			8.44	7.97	3.6	3.209	98.2	2.1	0.7	0.5
753	11/14/2014 7:31:12	14.03			8.47	7.97	3.2	3.153	98.3	2.3	0.8	0.5
754	11/14/2014 7:46:12	14.00			8.50	7.97	3.1	3.083	98.5	2.4	0.8	0.6
755	11/14/2014 8:01:12	14.01			8.51	7.97	3.0	3.028	98.7	2.5	0.8	0.6
756	11/14/2014 8:16:12	14.15			8.44	7.97	2.8	2.984	98.3	2.0	0.7	0.5
757	11/14/2014 8:31:12	14.21			8.43	7.97	2.7	2.926	98.1	2.5	0.8	0.6
758	11/14/2014 8:46:13	14.25			8.41	7.97	2.7	2.871	98.1	2.5	0.8	0.6
759	11/14/2014 9:01:13	14.30			8.39	7.97	2.5	2.806	98.0	2.1	0.7	0.5
760	11/14/2014 9:16:12	14.33			8.40	7.96	2.8	2.771	98.1	2.1	0.7	0.5
761	11/14/2014 9:31:12	14.35			8.41	7.96	2.5	2.726	98.3	1.5	0.5	0.4
762	11/14/2014 9:46:12	14.38			8.43	7.96	2.5	2.700	98.5	2.2	0.7	0.5
763	11/14/2014 10:01:13	14.41			8.44	7.96	2.6	2.654	98.8	2.3	0.8	0.5
764	11/14/2014 10:16:12	14.44			8.53	7.97	2.8	2.614	100.1	2.4	0.8	0.6
765	11/14/2014 10:31:12	14.48			8.52	7.96	2.6	2.593	99.9	2.2	0.7	0.5
766	11/14/2014 10:46:13	14.51			8.56	7.97	2.7	2.561	100.6	2.1	0.7	0.5
767	11/14/2014 11:01:12	14.52			8.60	7.97	2.6	2.542	100.9	2.4	0.8	0.6
768	11/14/2014 11:16:12	14.53			8.57	7.97	2.5	2.517	100.4	2.4	0.8	0.6
769	11/14/2014 11:31:12	14.53			8.41	7.96	2.3	2.503	99.1	2.7	0.9	0.6
770	11/14/2014 11:46:13	14.50			8.68	7.96	2.6	2.503	102.4	1.8	0.6	0.4
771	11/14/2014 12:01:12	14.48			8.69	7.96	2.4	2.499	101.9	1.9	0.6	0.5
772	11/14/2014 12:16:12	14.46			8.64	7.95	2.6	2.519	101.3	1.4	0.5	0.3
773	11/14/2014 12:31:12	14.46			8.67	7.96	2.4	2.535	101.9	2.1	0.7	0.5
774	11/14/2014 12:46:12	14.47			8.66	7.96	2.2	2.552	102.0	2.5	0.8	0.6
775	11/14/2014 13:01:13	14.44			8.65	7.96	2.5	2.595	101.4	2.3	0.8	0.5
776	11/14/2014 13:16:12	14.43			8.66	7.96	2.6	2.622	101.5	2.0	0.7	0.5
777	11/14/2014 13:31:13	14.47			8.69	7.96	2.3	2.670	101.8	2.6	0.9	0.6
778	11/14/2014 13:46:13	14.45			8.67	7.96	2.3	2.708	101.6	2.3	0.8	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
779	11/14/2014 14:01:12	14.41			8.67	7.96	2.4	2.751	101.5	2.4	0.8	0.6
780	11/14/2014 14:16:12	14.37			8.68	7.96	2.3	2.799	101.3	1.8	0.6	0.4
781	11/14/2014 14:31:12	14.33			8.65	7.96	2.4	2.831	101.2	2.4	0.8	0.6
782	11/14/2014 14:46:12	14.26			8.65	7.96	2.3	2.893	100.9	2.0	0.7	0.5
783	11/14/2014 15:01:12	14.17			8.66	7.97	2.4	2.922	100.8	2.0	0.7	0.5
784	11/14/2014 15:16:12	14.14			8.66	7.97	2.2	2.967	100.9	2.3	0.8	0.5
785	11/14/2014 15:31:12	14.13			8.66	7.97	2.1	3.001	101.1	2.2	0.7	0.5
786	11/14/2014 15:46:12	14.10			8.64	7.97	2.0	3.040	101.4	2.3	0.8	0.5
787	11/14/2014 16:01:12	14.06			8.70	7.98	2.1	3.078	101.2	2.5	0.8	0.6
788	11/14/2014 16:16:12	14.05			8.69	7.98	2.1	3.096	101.0	2.5	0.8	0.6
789	11/14/2014 16:31:12	14.03			8.66	7.98	2.4	3.125	100.7	2.8	0.9	0.6
790	11/14/2014 16:46:13	14.02			8.60	7.98	1.9	3.141	100.0	2.3	0.8	0.5
791	11/14/2014 17:01:13	14.05			8.58	7.97	2.0	3.134	100.0	2.3	0.8	0.6
792	11/14/2014 17:16:13	14.04			8.54	7.97	2.3	3.142	99.5	2.6	0.9	0.6
793	11/14/2014 17:31:12	14.03			8.55	7.97	2.1	3.123	99.5	2.4	0.8	0.6
794	11/14/2014 17:46:13	14.06			8.56	7.97	2.1	3.097	99.7	2.4	0.8	0.6
795	11/14/2014 18:01:12	14.11			8.58	7.97	2.5	3.071	99.9	2.2	0.7	0.5
796	11/14/2014 18:16:12	14.18			8.57	7.97	2.3	3.017	99.9	2.4	0.8	0.6
797	11/14/2014 18:31:12	14.24			8.59	7.97	2.3	2.959	100.3	2.7	0.9	0.6
798	11/14/2014 18:46:12	14.28			8.56	7.97	2.8	2.916	100.0	2.5	0.8	0.6
799	11/14/2014 19:01:12	14.35			8.68	7.97	3.4	2.865	101.4	2.7	0.9	0.6
800	11/14/2014 19:16:13	14.41			8.76	7.98	2.8	2.792	102.4	2.3	0.8	0.5
801	11/14/2014 19:31:13	14.41			8.78	7.98	2.8	2.729	102.7	3.1	1.0	0.7
802	11/14/2014 19:46:13	14.45			8.82	7.99	2.8	2.668	103.3	3.1	1.0	0.7
803	11/14/2014 20:01:12	14.49			8.88	7.99	2.9	2.611	104.0	2.6	0.9	0.6
804	11/14/2014 20:16:13	14.46			8.90	8.00	3.2	2.542	104.2	2.7	0.9	0.6
805	11/14/2014 20:31:12	14.47			8.94	8.00	3.1	2.473	104.6	3.0	1.0	0.7
806	11/14/2014 20:46:12	14.44			8.97	8.00	3.3	2.406	104.8	2.4	0.8	0.6
807	11/14/2014 21:01:13	14.45			8.92	7.99	3.1	2.337	104.4	3.0	1.0	0.7
808	11/14/2014 21:16:12	14.47			8.93	7.99	3.1	2.284	104.5	2.9	1.0	0.7
809	11/14/2014 21:31:12	14.55			9.03	8.00	3.0	2.222	105.8	2.5	0.8	0.6
810	11/14/2014 21:46:12	14.54			9.09	8.00	3.1	2.138	106.4	2.4	0.8	0.6
811	11/14/2014 22:01:12	14.55			9.10	8.01	2.9	2.099	106.4	2.5	0.8	0.6
812	11/14/2014 22:16:12	14.57			9.13	8.01	2.9	2.051	106.8	2.6	0.9	0.6
813	11/14/2014 22:31:12	14.55			9.10	8.01	3.1	1.990	106.5	2.6	0.9	0.6
814	11/14/2014 22:46:12	14.56			9.11	8.01	3.1	1.965	106.6	2.8	0.9	0.6
815	11/14/2014 23:01:12	14.59			9.13	8.01	2.9	1.946	107.0	3.2	1.1	0.8
816	11/14/2014 23:16:12	14.64			9.13	8.02	2.8	1.921	107.2	2.7	0.9	0.6
817	11/14/2014 23:31:12	14.61			9.09	8.01	3.0	1.909	106.9	2.9	1.0	0.7
818	11/14/2014 23:46:13	14.58			9.08	8.01	3.1	1.918	106.8	2.5	0.8	0.6
819	11/15/2014 0:01:13	14.59			9.05	8.01	3.2	1.949	106.5	2.4	0.8	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
820	11/15/2014 0:16:12	14.57			9.01	8.01	3.7	1.987	106.1	2.5	0.8	0.6
821	11/15/2014 0:31:12	14.58			9.06	8.01	2.9	2.009	106.7	2.8	0.9	0.7
822	11/15/2014 0:46:12	14.55			9.02	8.00	2.9	2.061	106.2	2.4	0.8	0.6
823	11/15/2014 1:01:12	14.54			8.98	7.99	3.4	2.103	105.4	2.5	0.8	0.6
824	11/15/2014 1:16:12	14.55			9.00	8.00	2.9	2.154	105.5	2.9	1.0	0.7
825	11/15/2014 1:31:12	14.55			8.99	7.99	3.1	2.215	105.3	2.8	0.9	0.7
826	11/15/2014 1:46:12	14.55			8.97	7.99	3.0	2.268	105.2	2.7	0.9	0.6
827	11/15/2014 2:01:12	14.55			8.92	7.99	3.2	2.321	104.8	2.4	0.8	0.6
828	11/15/2014 2:16:12	14.54			8.91	7.99	2.9	2.376	104.7	2.8	0.9	0.7
829	11/15/2014 2:31:12	14.53			8.88	7.98	3.1	2.443	104.2	2.8	0.9	0.6
830	11/15/2014 2:46:12	14.48			8.83	7.98	3.2	2.498	103.4	2.8	0.9	0.7
831	11/15/2014 3:01:12	14.42			8.83	7.97	3.0	2.558	103.1	2.8	0.9	0.7
832	11/15/2014 3:16:12	14.40			8.81	7.97	2.9	2.622	103.0	2.7	0.9	0.6
833	11/15/2014 3:31:12	14.39			8.79	7.97	2.9	2.691	102.9	2.9	1.0	0.7
834	11/15/2014 3:46:12	14.37			8.79	7.97	3.2	2.759	102.9	2.1	0.7	0.5
835	11/15/2014 4:01:12	14.31			8.77	7.97	3.2	2.823	102.5	3.0	1.0	0.7
836	11/15/2014 4:16:12	14.19			8.73	7.97	3.3	2.893	101.9	2.4	0.8	0.6
837	11/15/2014 4:31:12	14.09			8.90	7.97	3.5	2.964	103.5	2.5	0.8	0.6
838	11/15/2014 4:46:12	14.01			8.74	7.97	3.8	3.031	101.6	2.9	1.0	0.7
839	11/15/2014 5:01:12	13.92			8.77	7.97	3.7	3.100	101.8	2.3	0.8	0.5
840	11/15/2014 5:16:12	13.85			8.79	7.98	3.2	3.165	101.8	2.3	0.8	0.5
841	11/15/2014 5:31:13	13.80			8.79	7.98	3.4	3.226	101.8	2.1	0.7	0.5
842	11/15/2014 5:46:12	13.70			8.80	7.98	3.7	3.270	101.8	3.2	1.1	0.8
843	11/15/2014 6:01:12	13.68			8.80	7.98	3.4	3.311	101.6	3.1	1.0	0.7
844	11/15/2014 6:16:12	13.64			8.78	7.98	3.0	3.355	101.5	2.3	0.8	0.5
845	11/15/2014 6:31:12	13.62			8.90	7.98	2.6	3.374	103.0	2.2	0.7	0.5
846	11/15/2014 6:46:12	13.72			8.68	7.98	2.6	3.397	100.7	2.6	0.9	0.6
847	11/15/2014 7:01:12	13.65			8.63	7.97	2.5	3.402	99.9	1.8	0.6	0.4
848	11/15/2014 7:16:12	13.59			8.71	7.98	2.4	3.373	100.6	2.1	0.7	0.5
849	11/15/2014 7:31:12	13.63			8.70	7.98	2.6	3.359	100.5	1.7	0.6	0.4
850	11/15/2014 7:46:12	13.65			8.69	7.97	2.7	3.312	100.4	1.6	0.5	0.4
851	11/15/2014 8:01:12	13.82			8.65	7.97	3.0	3.260	100.3	1.5	0.5	0.3
852	11/15/2014 8:16:12	13.90			8.64	7.96	3.2	3.205	100.4	2.4	0.8	0.6
853	11/15/2014 8:31:13	13.82			8.85	7.97	3.1	3.142	103.1	2.5	0.8	0.6
854	11/15/2014 8:46:13	13.87			8.75	7.97	2.8	3.086	101.4	2.3	0.8	0.5
855	11/15/2014 9:01:12	13.89			8.85	7.98	2.9	3.018	102.4	1.9	0.6	0.5
856	11/15/2014 9:16:12	14.05			8.69	7.96	2.5	2.957	101.0	1.8	0.6	0.4
857	11/15/2014 9:31:12	14.10			8.64	7.96	2.5	2.894	100.6	2.1	0.7	0.5
858	11/15/2014 9:46:12	14.15			8.63	7.96	2.5	2.834	100.7	2.2	0.7	0.5
859	11/15/2014 10:01:12	14.19			8.61	7.96	2.5	2.778	100.6	2.1	0.7	0.5
860	11/15/2014 10:16:13	14.23			8.63	7.96	2.4	2.714	101.0	2.4	0.8	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
861	11/15/2014 10:31:12	14.28			8.63	7.96	2.4	2.673	101.2	2.0	0.7	0.5
862	11/15/2014 10:46:12	14.34			8.84	7.96	2.5	2.623	103.2	2.4	0.8	0.6
863	11/15/2014 11:01:12	14.45			8.76	7.97	2.8	2.564	102.7	2.1	0.7	0.5
864	11/15/2014 11:16:12	14.54			8.90	7.97	2.6	2.515	104.5	2.2	0.7	0.5
865	11/15/2014 11:31:12	14.63			9.02	7.99	2.4	2.482	105.9	2.2	0.7	0.5
866	11/15/2014 11:46:12	14.65			9.03	7.99	2.3	2.442	106.0	2.1	0.7	0.5
867	11/15/2014 12:01:13	14.70			9.07	7.99	2.1	2.405	106.9	2.7	0.9	0.6
868	11/15/2014 12:16:12	14.71			9.10	8.00	2.3	2.372	107.1	2.0	0.7	0.5
869	11/15/2014 12:31:12	14.76			9.13	8.00	2.5	2.365	107.5	2.8	0.9	0.7
870	11/15/2014 12:46:13	14.78			9.09	8.00	2.4	2.344	107.1	1.8	0.6	0.4
871	11/15/2014 13:01:12	14.78			9.07	7.99	2.4	2.345	107.3	2.6	0.9	0.6
872	11/15/2014 13:16:12	14.70			8.97	7.99	2.1	2.351	105.7	1.7	0.6	0.4
873	11/15/2014 13:31:12	14.70			8.97	7.98	2.1	2.375	106.0	2.3	0.8	0.5
874	11/15/2014 13:46:12	14.65			8.95	7.98	2.2	2.396	105.6	2.7	0.9	0.6
875	11/15/2014 14:01:13	14.65			8.89	7.97	2.4	2.434	104.9	2.7	0.9	0.6
876	11/15/2014 14:16:13	14.57			8.88	7.97	2.4	2.470	104.1	2.6	0.9	0.6
877	11/15/2014 14:31:13	14.65			8.91	7.97	2.8	2.521	104.6	2.4	0.8	0.6
878	11/15/2014 14:46:12	14.57			8.88	7.97	2.6	2.564	104.0	2.3	0.8	0.5
879	11/15/2014 15:01:12	14.59			8.88	7.97	2.5	2.601	104.1	2.2	0.7	0.5
880	11/15/2014 15:16:12	14.54			8.89	7.97	2.3	2.655	104.0	2.2	0.7	0.5
881	11/15/2014 15:31:13	14.51			8.85	7.97	2.1	2.695	103.8	2.1	0.7	0.5
882	11/15/2014 15:46:12	14.38			8.81	7.97	2.4	2.743	103.1	2.5	0.8	0.6
883	11/15/2014 16:01:12	14.30			8.76	7.96	2.3	2.779	102.5	2.1	0.7	0.5
884	11/15/2014 16:16:12	14.29			8.78	7.97	2.2	2.817	102.7	2.1	0.7	0.5
885	11/15/2014 16:31:12	14.27			8.80	7.97	2.0	2.853	102.8	2.6	0.9	0.6
886	11/15/2014 16:46:12	14.27			8.80	7.97	2.1	2.894	102.8	1.9	0.6	0.4
887	11/15/2014 17:01:12	14.26			8.82	7.97	2.0	2.930	103.0	2.4	0.8	0.6
888	11/15/2014 17:16:12	14.21			8.80	7.97	2.1	2.961	103.0	2.1	0.7	0.5
889	11/15/2014 17:31:12	14.17			8.80	7.97	2.3	2.985	102.7	2.3	0.8	0.5
890	11/15/2014 17:46:12	14.15			8.79	7.97	2.1	3.010	102.5	2.4	0.8	0.6
891	11/15/2014 18:01:12	14.14			8.78	7.97	2.2	3.029	102.4	2.3	0.8	0.5
892	11/15/2014 18:16:12	14.11			8.68	7.97	2.0	3.032	101.3	2.8	0.9	0.7
893	11/15/2014 18:31:12	14.10			8.69	7.96	2.0	3.037	101.4	2.5	0.8	0.6
894	11/15/2014 18:46:12	14.09			8.66	7.96	2.3	3.027	101.1	2.4	0.8	0.6
895	11/15/2014 19:01:12	14.10			8.68	7.96	2.3	3.001	101.4	2.4	0.8	0.6
896	11/15/2014 19:16:12	14.15			8.68	7.96	2.1	2.964	101.5	2.4	0.8	0.6
897	11/15/2014 19:31:12	14.22			8.68	7.96	2.5	2.931	101.6	2.3	0.8	0.5
898	11/15/2014 19:46:12	14.32			8.84	7.96	2.7	2.880	103.5	2.2	0.7	0.5
899	11/15/2014 20:01:12	14.38			8.70	7.96	3.1	2.833	102.0	2.8	0.9	0.7
900	11/15/2014 20:16:13	14.35			8.82	7.96	3.2	2.777	103.1	2.7	0.9	0.6
901	11/15/2014 20:31:12	14.38			8.79	7.97	3.4	2.721	102.8	2.8	0.9	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
902	11/15/2014 20:46:12	14.29			8.74	7.96	3.2	2.658	102.4	2.8	0.9	0.7
903	11/15/2014 21:01:12	14.39			8.87	7.97	3.2	2.601	103.9	2.7	0.9	0.6
904	11/15/2014 21:16:12	14.58			9.13	8.00	3.1	2.554	107.2	2.4	0.8	0.6
905	11/15/2014 21:31:13	14.61			9.23	8.01	2.8	2.477	108.6	2.8	0.9	0.7
906	11/15/2014 21:46:12	14.65			9.32	8.01	3.0	2.419	109.7	2.7	0.9	0.6
907	11/15/2014 22:01:12	14.70			9.30	8.01	2.8	2.363	109.6	2.4	0.8	0.6
908	11/15/2014 22:16:12	14.63			9.21	8.01	2.6	2.303	108.4	2.1	0.7	0.5
909	11/15/2014 22:31:12	14.61			9.22	8.01	2.8	2.235	108.4	2.4	0.8	0.6
910	11/15/2014 22:46:12	14.58			9.23	8.01	2.8	2.179	108.5	2.7	0.9	0.6
911	11/15/2014 23:01:12	14.67			9.38	8.03	2.5	2.129	110.5	2.5	0.8	0.6
912	11/15/2014 23:16:12	14.69			9.47	8.03	2.7	2.089	111.5	2.3	0.8	0.5
913	11/15/2014 23:31:12	14.72			9.56	8.04	2.9	2.034	112.5	2.7	0.9	0.6
914	11/15/2014 23:46:12	14.77			9.68	8.05	2.6	2.010	113.9	2.1	0.7	0.5
915	11/16/2014 0:01:12	14.80			9.72	8.05	2.5	1.993	114.7	2.4	0.8	0.6
916	11/16/2014 0:16:12	14.77			9.47	8.04	2.5	1.978	111.7	1.7	0.6	0.4
917	11/16/2014 0:31:12	14.75			9.48	8.04	2.7	1.966	112.4	2.3	0.8	0.5
918	11/16/2014 0:46:12	14.73			9.52	8.04	2.6	1.992	112.1	2.3	0.8	0.5
919	11/16/2014 1:01:12	14.71			9.42	8.03	3.0	2.011	111.0	3.1	1.0	0.7
920	11/16/2014 1:16:12	14.70			9.43	8.03	2.9	2.042	110.9	2.4	0.8	0.6
921	11/16/2014 1:31:12	14.68			9.46	8.03	2.6	2.088	111.4	2.3	0.8	0.5
922	11/16/2014 1:46:12	14.67			9.37	8.02	2.8	2.131	110.2	2.5	0.8	0.6
923	11/16/2014 2:01:12	14.66			9.30	8.01	3.2	2.186	109.3	2.2	0.7	0.5
924	11/16/2014 2:16:12	14.66			9.27	8.00	2.6	2.246	108.9	2.6	0.9	0.6
925	11/16/2014 2:31:12	14.65			9.21	8.00	2.8	2.302	108.3	2.4	0.8	0.6
926	11/16/2014 2:46:12	14.64			9.19	7.99	2.7	2.352	107.8	2.4	0.8	0.6
927	11/16/2014 3:01:13	14.63			9.15	7.99	2.9	2.422	107.4	2.5	0.8	0.6
928	11/16/2014 3:16:13	14.55			9.04	7.98	2.9	2.481	106.1	2.7	0.9	0.6
929	11/16/2014 3:31:12	14.49			8.99	7.98	2.9	2.542	105.3	2.4	0.8	0.6
930	11/16/2014 3:46:13	14.42			8.90	7.97	2.9	2.601	104.3	2.5	0.8	0.6
931	11/16/2014 4:01:12	14.35			8.88	7.97	3.0	2.668	103.8	2.8	0.9	0.7
932	11/16/2014 4:16:12	14.33			8.87	7.97	2.8	2.742	103.7	2.1	0.7	0.5
933	11/16/2014 4:31:12	14.30			8.87	7.97	2.9	2.806	103.7	2.7	0.9	0.6
934	11/16/2014 4:46:12	14.23			8.87	7.96	2.8	2.875	103.5	2.3	0.8	0.5
935	11/16/2014 5:01:12	14.12			8.85	7.96	2.9	2.950	103.0	2.3	0.8	0.5
936	11/16/2014 5:16:12	14.03			8.84	7.96	3.1	3.017	102.8	2.8	0.9	0.7
937	11/16/2014 5:31:12	13.97			8.83	7.96	3.2	3.083	102.5	2.8	0.9	0.7
938	11/16/2014 5:46:12	13.89			8.81	7.97	3.6	3.155	102.2	2.1	0.7	0.5
939	11/16/2014 6:01:12	13.76			8.89	7.97	4.0	3.221	102.8	2.5	0.8	0.6
940	11/16/2014 6:16:12	13.67			8.90	7.97	3.5	3.282	103.1	2.4	0.8	0.6
941	11/16/2014 6:31:12	13.64			8.88	7.98	3.3	3.338	102.9	2.7	0.9	0.6
942	11/16/2014 6:46:12	13.60			9.01	7.98	2.9	3.383	104.1	3.1	1.0	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
943	11/16/2014 7:01:12	13.56			9.08	7.98	2.9	3.424	104.8	2.7	0.9	0.6
944	11/16/2014 7:16:12	13.54			9.14	7.97	2.3	3.447	105.4	2.4	0.8	0.6
945	11/16/2014 7:31:12	13.59			9.04	7.97	2.4	3.455	104.3	1.6	0.5	0.4
946	11/16/2014 7:46:12	13.60			9.04	7.96	2.5	3.461	104.3	2.1	0.7	0.5
947	11/16/2014 8:01:12	13.53			9.05	7.97	2.5	3.441	104.3	2.0	0.7	0.5
948	11/16/2014 8:16:12	13.57			9.07	7.96	2.3	3.403	104.4	1.9	0.6	0.4
949	11/16/2014 8:31:12	13.63			9.04	7.96	2.9	3.352	104.3	1.5	0.5	0.4
950	11/16/2014 8:46:12	13.78			9.00	7.95	3.9	3.312	104.3	2.6	0.9	0.6
951	11/16/2014 9:01:13	13.71			9.01	7.96	3.1	3.243	104.5	2.2	0.7	0.5
952	11/16/2014 9:16:12	13.76			9.09	7.96	2.9	3.175	105.3	2.0	0.7	0.5
953	11/16/2014 9:31:12	13.75			9.10	7.97	2.7	3.092	105.5	2.5	0.8	0.6
954	11/16/2014 9:46:12	13.90			9.06	7.96	2.7	3.032	105.3	2.4	0.8	0.6
955	11/16/2014 10:01:12	13.96			9.05	7.96	2.7	2.956	105.2	2.1	0.7	0.5
956	11/16/2014 10:16:12	14.03			9.03	7.96	2.7	2.893	105.2	2.2	0.7	0.5
957	11/16/2014 10:31:12	14.06			9.16	7.96	2.5	2.820	106.3	2.0	0.7	0.5
958	11/16/2014 10:46:12	14.10			9.16	7.96	2.5	2.756	106.4	1.9	0.6	0.4
959	11/16/2014 11:01:12	14.15			9.17	7.96	2.9	2.682	106.6	2.3	0.8	0.5
960	11/16/2014 11:16:12	14.20			9.32	7.96	2.8	2.612	108.7	1.9	0.6	0.4
961	11/16/2014 11:31:12	14.22			9.37	7.97	2.6	2.546	109.3	2.0	0.7	0.5
962	11/16/2014 11:46:13	14.28			9.53	7.99	2.6	2.484	111.3	2.6	0.9	0.6
963	11/16/2014 12:01:12	14.35			9.77	8.00	2.4	2.416	114.3	2.5	0.8	0.6
964	11/16/2014 12:16:12	14.40			9.68	8.01	2.3	2.354	113.4	2.3	0.8	0.5
965	11/16/2014 12:31:12	14.46			9.74	8.01	2.3	2.294	114.3	2.3	0.8	0.5
966	11/16/2014 12:46:12	14.49			9.82	8.02	2.1	2.251	115.3	2.5	0.8	0.6
967	11/16/2014 13:01:12	14.53			9.87	8.03	2.0	2.204	115.9	3.1	1.0	0.7
968	11/16/2014 13:16:12	14.57			9.93	8.04	2.1	2.172	117.0	2.5	0.8	0.6
969	11/16/2014 13:31:13	14.59			10.08	8.04	2.1	2.150	118.1	2.1	0.7	0.5
970	11/16/2014 13:46:12	14.60			10.01	8.04	2.1	2.156	117.3	2.1	0.7	0.5
971	11/16/2014 14:01:12	14.55			9.91	8.03	2.1	2.160	115.8	2.7	0.9	0.6
972	11/16/2014 14:16:12	14.55			9.84	8.02	2.0	2.158	115.1	2.3	0.8	0.5
973	11/16/2014 14:31:12	14.52			9.81	8.02	2.3	2.207	115.3	2.7	0.9	0.6
974	11/16/2014 14:46:12	14.53			9.75	8.02	2.2	2.245	114.6	2.6	0.9	0.6
975	11/16/2014 15:01:12	14.53			9.72	8.01	2.1	2.287	113.8	2.6	0.9	0.6
976	11/16/2014 15:16:12	14.47			9.70	8.00	2.6	2.338	113.3	2.2	0.7	0.5
977	11/16/2014 15:31:12	14.44			9.62	7.99	2.5	2.391	112.4	2.5	0.8	0.6
978	11/16/2014 15:46:12	14.42			9.59	7.99	2.5	2.445	112.1	2.3	0.8	0.5
979	11/16/2014 16:01:12	14.41			9.54	7.98	2.2	2.489	111.4	2.3	0.8	0.5
980	11/16/2014 16:16:12	14.36			9.46	7.98	2.4	2.537	110.7	2.5	0.8	0.6
981	11/16/2014 16:31:12	14.32			9.39	7.97	2.3	2.589	109.6	2.4	0.8	0.6
982	11/16/2014 16:46:12	14.27			9.32	7.97	2.3	2.636	108.7	2.0	0.7	0.5
983	11/16/2014 17:01:12	14.24			9.26	7.97	2.2	2.673	108.3	2.5	0.8	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
984	11/16/2014 17:16:12	14.21			9.22	7.96	2.2	2.723	107.9	2.4	0.8	0.6
985	11/16/2014 17:31:12	14.16			9.28	7.96	2.0	2.771	108.3	2.3	0.8	0.5
986	11/16/2014 17:46:12	14.13			9.32	7.96	2.1	2.811	108.7	2.8	0.9	0.7
987	11/16/2014 18:01:12	14.10			9.20	7.96	2.2	2.863	107.8	2.9	1.0	0.7
988	11/16/2014 18:16:12	14.07			9.31	7.96	2.2	2.899	108.5	2.0	0.7	0.5
989	11/16/2014 18:31:12	14.04			9.26	7.96	2.2	2.934	107.5	3.0	1.0	0.7
990	11/16/2014 18:46:12	14.01			9.22	7.96	2.1	2.977	107.1	2.6	0.9	0.6
991	11/16/2014 19:01:12	13.98			9.24	7.96	2.2	3.006	107.3	2.8	0.9	0.7
992	11/16/2014 19:16:12	13.96			9.18	7.96	2.0	3.020	106.7	3.0	1.0	0.7
993	11/16/2014 19:31:12	13.97			9.16	7.95	2.0	3.037	106.1	2.4	0.8	0.6
994	11/16/2014 19:46:12	13.99			9.10	7.95	2.1	3.042	105.7	2.4	0.8	0.6
995	11/16/2014 20:01:12	13.92			9.08	7.95	2.1	3.030	105.5	2.2	0.7	0.5
996	11/16/2014 20:16:12	13.91			9.04	7.95	2.2	3.009	105.4	2.2	0.7	0.5
997	11/16/2014 20:31:12	13.94			8.99	7.95	2.1	2.974	105.0	1.6	0.5	0.4
998	11/16/2014 20:46:12	13.94			9.12	7.95	5.4	2.930	106.4	2.1	0.7	0.5
999	11/16/2014 21:01:12	13.98			9.10	7.95	2.6	2.892	105.7	2.3	0.8	0.5
1000	11/16/2014 21:16:12	13.93			9.17	7.96	3.1	2.837	106.2	2.5	0.8	0.6
1001	11/16/2014 21:31:12	13.85			9.11	7.95	3.6	2.771	105.5	2.7	0.9	0.6
1002	11/16/2014 21:46:12	13.80			9.09	7.95	3.5	2.724	105.2	2.6	0.9	0.6
1003	11/16/2014 22:01:12	13.78			9.23	7.95	3.8	2.651	106.7	2.5	0.8	0.6
1004	11/16/2014 22:16:12	13.84			9.29	7.96	3.6	2.602	107.8	2.9	1.0	0.7
1005	11/16/2014 22:31:12	13.87			9.40	7.98	3.2	2.532	109.1	2.8	0.9	0.6
1006	11/16/2014 22:46:12	13.85			9.49	7.99	3.3	2.458	109.7	2.5	0.8	0.6
1007	11/16/2014 23:01:12	13.88			9.52	7.99	3.3	2.414	110.0	2.4	0.8	0.6
1008	11/16/2014 23:16:12	13.91			9.63	8.00	3.1	2.358	111.2	2.7	0.9	0.6
1009	11/16/2014 23:31:12	13.90			9.71	8.00	3.1	2.279	112.4	2.6	0.9	0.6
1010	11/16/2014 23:46:13	13.82			9.65	8.00	3.4	2.223	112.0	3.3	1.1	0.8
1011	11/17/2014 0:01:13	13.82			9.73	8.01	3.4	2.179	112.3	2.8	0.9	0.7
1012	11/17/2014 0:16:12	13.77			9.73	8.01	3.2	2.137	112.1	2.8	0.9	0.7
1013	11/17/2014 0:31:12	13.74			9.83	8.03	2.9	2.099	113.3	2.4	0.8	0.6
1014	11/17/2014 0:46:12	13.80			9.90	8.04	2.9	2.067	114.3	2.6	0.9	0.6
1015	11/17/2014 1:01:12	13.79			9.97	8.05	2.7	2.037	114.9	3.0	1.0	0.7
1016	11/17/2014 1:16:12	13.71			9.86	8.05	2.3	2.043	114.4	2.0	0.7	0.5
1017	11/17/2014 1:31:12	13.72			9.91	8.05	2.5	2.055	114.4	2.6	0.9	0.6
1018	11/17/2014 1:46:12	13.70			9.84	8.04	2.6	2.052	113.2	2.5	0.8	0.6
1019	11/17/2014 2:01:13	13.78			9.78	8.03	2.8	2.094	112.7	2.4	0.8	0.6
1020	11/17/2014 2:16:12	13.91			9.71	8.02	2.3	2.140	112.1	2.3	0.8	0.5
1021	11/17/2014 2:31:12	13.91			9.66	8.02	2.7	2.173	111.6	2.2	0.7	0.5
1022	11/17/2014 2:46:12	13.91			9.59	8.01	2.7	2.234	110.9	2.4	0.8	0.6
1023	11/17/2014 3:01:12	13.76			9.47	7.99	2.9	2.284	108.9	2.6	0.9	0.6
1024	11/17/2014 3:16:13	13.78			9.42	7.99	3.1	2.350	108.4	3.0	1.0	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
1025	11/17/2014 3:31:13	13.81			9.40	7.99	2.9	2.409	108.3	2.5	0.8	0.6
1026	11/17/2014 3:46:12	13.89			9.40	7.99	3.2	2.472	108.4	2.3	0.8	0.5
1027	11/17/2014 4:01:12	13.86			9.40	7.98	2.8	2.536	108.4	2.6	0.9	0.6
1028	11/17/2014 4:16:12	13.85			9.28	7.97	2.8	2.602	107.0	2.6	0.9	0.6
1029	11/17/2014 4:31:12	13.83			9.18	7.97	2.9	2.674	105.9	2.4	0.8	0.6
1030	11/17/2014 4:46:12	13.85			9.15	7.96	3.1	2.742	105.7	2.1	0.7	0.5
1031	11/17/2014 5:01:12	13.85			9.14	7.96	3.2	2.813	105.6	2.6	0.9	0.6
1032	11/17/2014 5:16:12	13.83			9.14	7.96	3.0	2.883	105.6	2.4	0.8	0.6
1033	11/17/2014 5:31:12	13.78			9.14	7.96	3.2	2.959	105.4	2.8	0.9	0.6
1034	11/17/2014 5:46:12	13.73			9.12	7.96	3.8	3.033	105.1	2.5	0.8	0.6
1035	11/17/2014 6:01:12	13.68			9.12	7.96	3.2	3.104	105.1	2.5	0.8	0.6
1036	11/17/2014 6:16:12	13.65			9.12	7.96	3.4	3.182	105.0	2.2	0.7	0.5
1037	11/17/2014 6:31:12	13.53			9.15	7.97	4.3	3.249	105.3	2.4	0.8	0.6
1038	11/17/2014 6:46:12	13.45			9.21	7.98	3.9	3.320	105.8	2.7	0.9	0.6
1039	11/17/2014 7:01:12	13.36			9.24	7.99	3.6	3.380	106.0	2.4	0.8	0.6
1040	11/17/2014 7:16:12	13.30			9.27	7.99	3.3	3.436	106.2	2.9	1.0	0.7
1041	11/17/2014 7:31:12	13.26			9.30	8.00	2.9	3.487	106.5	2.0	0.7	0.5
1042	11/17/2014 7:46:12	13.26			9.28	8.00	2.3	3.521	106.2	2.3	0.8	0.5
1043	11/17/2014 8:01:12	13.25			9.29	8.00	2.0	3.537	106.3	2.4	0.8	0.6
1044	11/17/2014 8:16:12	13.16			9.14	7.99	2.1	3.556	104.4	2.1	0.7	0.5
1045	11/17/2014 8:31:12	13.24			9.16	7.99	2.3	3.554	104.8	2.0	0.7	0.5
1046	11/17/2014 8:46:12	13.21			9.25	8.00	2.3	3.522	106.0	1.9	0.6	0.4
1047	11/17/2014 9:01:12	13.24			9.18	7.99	2.3	3.477	105.4	2.2	0.7	0.5
1048	11/17/2014 9:16:13	13.27			9.21	7.99	2.7	3.426	105.6	1.7	0.6	0.4
1049	11/17/2014 9:31:13	13.44			9.24	7.98	3.3	3.362	106.0	2.3	0.8	0.5
1050	11/17/2014 9:46:13	13.42			9.37	8.00	3.3	3.285	107.6	2.3	0.8	0.5
1051	11/17/2014 10:01:13	13.49			9.37	7.99	2.9	3.191	107.8	2.5	0.8	0.6
1052	11/17/2014 10:16:12	13.50			9.31	7.98	3.2	3.123	107.0	2.0	0.7	0.5
1053	11/17/2014 10:31:12	13.46			9.30	7.98	2.6	3.040	106.6	2.4	0.8	0.6
1054	11/17/2014 10:46:12	13.50			9.27	7.98	2.6	2.940	106.6	1.7	0.6	0.4
1055	11/17/2014 11:01:12	13.53			9.35	7.99	2.7	2.861	107.4	2.3	0.8	0.5
1056	11/17/2014 11:16:12	13.55			9.39	7.99	2.3	2.794	107.9	2.0	0.7	0.5
1057	11/17/2014 11:31:12	13.57			9.48	8.00	2.4	2.690	108.9	1.8	0.6	0.4
1058	11/17/2014 11:46:12	13.58			9.53	8.00	2.5	2.622	109.4	2.3	0.8	0.5
1059	11/17/2014 12:01:12	13.66			9.58	8.01	2.7	2.548	110.4	1.9	0.6	0.4
1060	11/17/2014 12:16:12	13.82			9.64	8.01	2.3	2.455	111.4	2.1	0.7	0.5
1061	11/17/2014 12:31:13	13.87			9.76	8.02	2.4	2.378	112.8	2.0	0.7	0.5
1062	11/17/2014 12:46:12	14.08			9.86	8.03	2.3	2.299	114.5	1.9	0.6	0.4
1063	11/17/2014 13:01:12	14.23			9.99	8.04	2.5	2.211	116.4	2.0	0.7	0.5
1064	11/17/2014 13:16:12	14.37			10.03	8.04	2.3	2.152	117.3	2.1	0.7	0.5
1065	11/17/2014 13:31:12	14.16			10.11	8.05	2.6	2.083	117.6	2.6	0.9	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
1066	11/17/2014 13:46:12	14.42			10.20	8.05	2.6	2.025	119.4	2.3	0.8	0.5
1067	11/17/2014 14:01:12	14.30			10.23	8.06	3.4	1.995	119.4	1.6	0.5	0.4
1068	11/17/2014 14:16:12	14.21			10.24	8.07	2.3	1.956	119.3	2.2	0.7	0.5
1069	11/17/2014 14:31:12	14.38			10.25	8.07	2.2	1.959	119.9	2.1	0.7	0.5
1070	11/17/2014 14:46:13	14.14			10.38	8.08	2.1	1.967	120.8	2.2	0.7	0.5
1071	11/17/2014 15:01:13	14.05			10.41	8.09	2.1	1.962	120.7	2.5	0.8	0.6
1072	11/17/2014 15:16:13	14.06			10.31	8.08	2.2	2.027	119.7	2.5	0.8	0.6
1073	11/17/2014 15:31:12	13.87			10.37	8.08	2.3	2.072	119.8	2.4	0.8	0.6
1074	11/17/2014 15:46:12	13.89			10.25	8.07	2.5	2.117	118.8	2.1	0.7	0.5
1075	11/17/2014 16:01:12	13.77			10.11	8.05	3.4	2.187	116.4	2.8	0.9	0.7
1076	11/17/2014 16:16:12	13.74			9.99	8.03	3.1	2.244	115.3	2.8	0.9	0.6
1077	11/17/2014 16:31:12	13.76			9.94	8.03	2.9	2.309	114.5	2.0	0.7	0.5
1078	11/17/2014 16:46:12	13.80			9.88	8.03	2.5	2.360	114.1	1.9	0.6	0.5
1079	11/17/2014 17:01:12	13.80			9.82	8.02	2.5	2.419	113.7	2.2	0.7	0.5
1080	11/17/2014 17:16:12	13.79			9.75	8.01	2.5	2.486	112.6	2.0	0.7	0.5
1081	11/17/2014 17:31:12	13.78			9.71	8.00	2.3	2.538	112.1	2.2	0.7	0.5
1082	11/17/2014 17:46:12	13.80			9.58	7.99	2.3	2.596	110.5	2.7	0.9	0.6
1083	11/17/2014 18:01:12	13.79			9.52	7.98	2.1	2.646	109.9	2.1	0.7	0.5
1084	11/17/2014 18:16:13	13.77			9.42	7.98	2.4	2.715	108.7	2.8	0.9	0.7
1085	11/17/2014 18:31:12	13.76			9.42	7.98	2.4	2.767	108.6	2.3	0.8	0.5
1086	11/17/2014 18:46:12	13.74			9.36	7.98	2.2	2.810	107.8	2.3	0.8	0.5
1087	11/17/2014 19:01:12	13.70			9.32	7.98	2.4	2.869	107.5	2.2	0.7	0.5
1088	11/17/2014 19:16:12	13.67			9.28	7.97	2.6	2.912	107.1	2.5	0.8	0.6
1089	11/17/2014 19:31:12	13.65			9.26	7.98	2.5	2.955	106.9	2.3	0.8	0.5
1090	11/17/2014 19:46:12	13.63			9.35	7.97	2.3	2.997	107.9	2.9	1.0	0.7
1091	11/17/2014 20:01:12	13.61			9.26	7.97	2.3	3.035	106.9	2.2	0.7	0.5
1092	11/17/2014 20:16:12	13.59			9.27	7.97	2.2	3.064	106.8	2.3	0.8	0.5
1093	11/17/2014 20:31:12	13.59			9.20	7.97	2.1	3.080	106.1	2.8	0.9	0.7
1094	11/17/2014 20:46:12	13.60			9.21	7.97	2.3	3.081	106.2	2.4	0.8	0.6
1095	11/17/2014 21:01:13	13.59			9.14	7.97	2.1	3.084	105.4	2.3	0.8	0.5
1096	11/17/2014 21:16:12	13.59			9.15	7.97	2.4	3.059	105.4	2.4	0.8	0.6
1097	11/17/2014 21:31:12	13.59			9.17	7.97	2.1	3.025	105.6	2.2	0.7	0.5
1098	11/17/2014 21:46:13	13.57			9.16	7.97	2.6	2.989	105.6	2.2	0.7	0.5
1099	11/17/2014 22:01:13	13.54			9.20	7.97	2.6	2.928	106.0	2.0	0.7	0.5
1100	11/17/2014 22:16:12	13.45			9.24	7.97	3.3	2.870	106.2	2.6	0.9	0.6
1101	11/17/2014 22:31:13	13.46			9.28	7.97	3.3	2.808	106.6	2.6	0.9	0.6
1102	11/17/2014 22:46:13	13.40			9.20	7.97	3.3	2.740	105.7	2.3	0.8	0.5
1103	11/17/2014 23:01:13	13.39			9.22	7.96	3.4	2.676	105.8	2.2	0.7	0.5
1104	11/17/2014 23:16:13	13.40			9.32	7.97	3.6	2.594	106.9	2.4	0.8	0.6
1105	11/17/2014 23:31:12	13.43			9.36	7.98	3.4	2.541	107.4	2.0	0.7	0.5
1106	11/17/2014 23:46:12	13.43			9.47	7.99	3.2	2.484	108.6	2.5	0.8	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
1107	11/18/2014 0:01:12	13.44			9.57	8.00	3.1	2.408	109.8	2.1	0.7	0.5
1108	11/18/2014 0:16:12	13.41			9.62	8.01	3.4	2.354	110.1	2.1	0.7	0.5
1109	11/18/2014 0:31:12	13.45			9.69	8.02	2.9	2.287	111.1	2.6	0.9	0.6
1110	11/18/2014 0:46:12	13.40			9.69	8.02	3.1	2.247	111.0	2.3	0.8	0.5
1111	11/18/2014 1:01:12	13.41			9.70	8.02	2.9	2.174	110.9	2.1	0.7	0.5
1112	11/18/2014 1:16:13	13.23			9.63	8.01	3.4	2.135	109.9	2.6	0.9	0.6
1113	11/18/2014 1:31:13	13.35			9.75	8.03	2.9	2.110	111.7	2.9	1.0	0.7
1114	11/18/2014 1:46:13	13.37			9.86	8.05	2.3	2.075	113.0	1.6	0.5	0.4
1115	11/18/2014 2:01:12	13.22			10.03	8.07	2.0	2.069	114.7	2.4	0.8	0.6
1116	11/18/2014 2:16:12	13.16			9.92	8.06	2.2	2.060	113.3	2.3	0.8	0.5
1117	11/18/2014 2:31:13	13.19			9.93	8.06	2.0	2.080	113.5	2.5	0.8	0.6
1118	11/18/2014 2:46:12	13.16			9.90	8.05	3.4	2.114	112.8	2.2	0.7	0.5
1119	11/18/2014 3:01:12	13.31			9.74	8.03	2.5	2.151	111.3	2.4	0.8	0.6
1120	11/18/2014 3:16:12	13.33			9.71	8.03	2.4	2.203	110.9	2.3	0.8	0.5
1121	11/18/2014 3:31:13	13.35			9.67	8.02	2.5	2.256	110.5	2.0	0.7	0.5
1122	11/18/2014 3:46:13	13.08			9.51	8.00	3.6	2.327	108.0	2.8	0.9	0.7
1123	11/18/2014 4:01:13	13.03			9.43	7.99	3.6	2.390	106.8	2.2	0.7	0.5
1124	11/18/2014 4:16:12	13.27			9.42	7.99	3.4	2.453	107.4	2.3	0.8	0.5
1125	11/18/2014 4:31:12	13.34			9.37	7.99	2.7	2.525	107.0	1.9	0.6	0.4
1126	11/18/2014 4:46:13	13.37			9.26	7.98	3.4	2.594	105.8	2.0	0.7	0.5
1127	11/18/2014 5:01:12	13.38			9.17	7.98	3.7	2.666	104.9	2.3	0.8	0.5
1128	11/18/2014 5:16:13	13.42			9.14	7.97	3.4	2.739	104.7	2.3	0.8	0.5
1129	11/18/2014 5:31:13	13.45			9.10	7.97	3.1	2.810	104.2	2.3	0.8	0.5
1130	11/18/2014 5:46:13	13.44			9.10	7.97	2.9	2.887	104.3	1.6	0.5	0.4
1131	11/18/2014 6:01:12	13.43			9.10	7.97	3.9	2.965	104.3	2.0	0.7	0.5
1132	11/18/2014 6:16:12	13.41			9.08	7.97	4.3	3.044	104.2	2.4	0.8	0.6
1133	11/18/2014 6:31:13	13.39			9.08	7.98	4.3	3.123	104.1	2.1	0.7	0.5
1134	11/18/2014 6:46:12	13.37			9.09	7.98	4.3	3.203	104.2	2.6	0.9	0.6
1135	11/18/2014 7:01:13	13.30			9.11	7.99	4.2	3.282	104.5	2.1	0.7	0.5
1136	11/18/2014 7:16:13	13.22			9.14	8.00	4.3	3.357	104.8	2.1	0.7	0.5
1137	11/18/2014 7:31:12	13.18			9.19	8.01	3.9	3.426	105.2	2.2	0.7	0.5
1138	11/18/2014 7:46:12	13.14			9.24	8.02	3.4	3.490	105.6	2.3	0.8	0.5
1139	11/18/2014 8:01:12	13.11			9.27	8.02	2.5	3.551	105.9	2.2	0.7	0.5
1140	11/18/2014 8:16:12	13.01			9.27	8.02	2.5	3.581	105.8	2.5	0.8	0.6
1141	11/18/2014 8:31:12	13.06			9.24	8.03	2.5	3.614	105.8	2.6	0.9	0.6
1142	11/18/2014 8:46:12	13.05			9.20	8.03	2.1	3.633	105.3	2.7	0.9	0.6
1143	11/18/2014 9:01:12	13.05			9.16	8.02	2.0	3.625	104.7	2.4	0.8	0.6
1144	11/18/2014 9:16:12	13.05			9.20	8.03	2.0	3.607	105.1	1.7	0.6	0.4
1145	11/18/2014 9:31:12	13.06			9.17	8.02	2.3	3.569	104.9	2.1	0.7	0.5
1146	11/18/2014 9:46:12	13.07			9.19	8.02	2.5	3.509	105.0	2.5	0.8	0.6
1147	11/18/2014 10:01:12	13.19			9.18	8.01	3.1	3.429	105.0	2.2	0.7	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
1148	11/18/2014 10:16:12	13.25			9.28	8.01	2.8	3.370	106.2	2.1	0.7	0.5
1149	11/18/2014 10:31:13	13.27			9.26	8.01	3.0	3.286	106.1	2.6	0.9	0.6
1150	11/18/2014 10:46:12	13.27			9.23	7.99	2.6	3.187	105.5	2.3	0.8	0.5
1151	11/18/2014 11:01:13	13.24			9.22	8.00	2.4	3.091	105.6	2.3	0.8	0.5
1152	11/18/2014 11:16:13	13.24			9.24	8.00	2.5	2.995	105.8	2.1	0.7	0.5
1153	11/18/2014 11:31:13	13.26			9.25	8.00	2.3	2.902	106.0	2.1	0.7	0.5
1154	11/18/2014 11:46:12	13.26			9.29	8.00	2.4	2.807	106.4	2.0	0.7	0.5
1155	11/18/2014 12:01:12	13.25			9.35	8.00	2.8	2.708	107.0	1.5	0.5	0.4
1156	11/18/2014 12:16:12	13.22			9.35	8.00	2.6	2.624	107.2	1.7	0.6	0.4
1157	11/18/2014 12:31:12	13.27			9.43	8.01	2.3	2.516	107.9	1.9	0.6	0.4
1158	11/18/2014 12:46:13	13.40			9.50	8.01	3.1	2.421	108.9	1.7	0.6	0.4
1159	11/18/2014 13:01:12	13.46			9.72	8.03	3.2	2.330	111.5	2.0	0.7	0.5
1160	11/18/2014 13:16:13	13.47			9.69	8.04	2.8	2.228	111.7	2.1	0.7	0.5
1161	11/18/2014 13:31:12	13.55			9.78	8.04	2.5	2.127	112.6	2.3	0.8	0.5
1162	11/18/2014 13:46:12	13.64			9.88	8.05	2.4	2.047	113.9	2.1	0.7	0.5
1163	11/18/2014 14:01:13	13.60			9.91	8.05	2.5	1.961	114.0	2.2	0.7	0.5
1164	11/18/2014 14:16:12	13.67			10.02	8.06	2.3	1.888	115.6	2.4	0.8	0.6
1165	11/18/2014 14:31:12	13.64			10.06	8.06	2.3	1.824	115.9	2.7	0.9	0.6
1166	11/18/2014 14:46:12	13.64			10.11	8.07	2.4	1.786	116.6	2.7	0.9	0.6
1167	11/18/2014 15:01:12	13.59			10.07	8.07	2.5	1.752	116.5	2.0	0.7	0.5
1168	11/18/2014 15:16:12	13.56			10.11	8.07	2.1	1.739	116.2	2.0	0.7	0.5
1169	11/18/2014 15:31:12	13.52			10.13	8.08	2.3	1.765	116.3	2.2	0.7	0.5
1170	11/18/2014 15:46:13	13.47			10.11	8.08	2.2	1.767	116.4	2.7	0.9	0.6
1171	11/18/2014 16:01:12	13.41			10.15	8.08	3.3	1.828	116.3	2.6	0.9	0.6
1172	11/18/2014 16:16:12	13.22			10.18	8.10	2.5	1.883	117.0	2.2	0.7	0.5
1173	11/18/2014 16:31:12	13.25			10.13	8.08	2.6	1.950	115.9	2.4	0.8	0.6
1174	11/18/2014 16:46:13	12.97			9.95	8.06	3.9	2.020	113.1	2.8	0.9	0.7
1175	11/18/2014 17:01:13	12.99			9.86	8.05	3.5	2.093	112.1	3.2	1.1	0.8
1176	11/18/2014 17:16:12	13.13			9.78	8.04	3.3	2.175	111.7	3.0	1.0	0.7
1177	11/18/2014 17:31:12	13.20			9.78	8.04	3.4	2.241	111.4	3.0	1.0	0.7
1178	11/18/2014 17:46:12	13.22			9.72	8.03	2.9	2.303	110.8	2.6	0.9	0.6
1179	11/18/2014 18:01:13	13.25			9.65	8.03	2.9	2.375	110.2	2.9	1.0	0.7
1180	11/18/2014 18:16:13	13.32			9.62	8.01	2.9	2.451	109.6	2.2	0.7	0.5
1181	11/18/2014 18:31:13	13.37			9.46	8.00	2.6	2.508	108.0	2.4	0.8	0.6
1182	11/18/2014 18:46:12	13.38			9.40	7.99	2.5	2.570	107.1	2.3	0.8	0.5
1183	11/18/2014 19:01:12	13.39			9.37	7.99	2.6	2.646	106.9	2.4	0.8	0.6
1184	11/18/2014 19:16:12	13.39			9.34	7.99	2.6	2.706	106.7	2.1	0.7	0.5
1185	11/18/2014 19:31:13	13.38			9.30	7.99	2.7	2.769	106.2	2.0	0.7	0.5
1186	11/18/2014 19:46:13	13.36			9.24	7.99	2.8	2.837	105.6	2.7	0.9	0.6
1187	11/18/2014 20:01:13	13.36			9.28	7.99	2.6	2.896	105.7	2.1	0.7	0.5
1188	11/18/2014 20:16:12	13.35			9.21	7.99	2.7	2.959	105.2	2.0	0.7	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
1189	11/18/2014 20:31:12	13.33			9.21	7.99	2.7	3.010	105.2	2.6	0.9	0.6
1190	11/18/2014 20:46:12	13.32			9.19	7.99	2.5	3.061	104.9	2.6	0.9	0.6
1191	11/18/2014 21:01:12	13.31			9.21	7.99	2.5	3.102	105.1	2.8	0.9	0.7
1192	11/18/2014 21:16:12	13.30			9.21	7.99	2.5	3.143	105.1	2.0	0.7	0.5
1193	11/18/2014 21:31:12	13.30			9.11	7.99	2.5	3.154	104.3	2.7	0.9	0.6
1194	11/18/2014 21:46:12	13.30			9.12	7.99	2.2	3.155	104.1	2.3	0.8	0.5
1195	11/18/2014 22:01:13	13.30			9.11	7.99	2.1	3.158	104.0	2.2	0.7	0.5
1196	11/18/2014 22:16:12	13.31			9.07	7.98	2.5	3.118	103.8	1.7	0.6	0.4
1197	11/18/2014 22:31:12	13.29			9.11	7.98	2.5	3.071	103.9	2.0	0.7	0.5
1198	11/18/2014 22:46:12	13.30			9.12	7.98	2.8	3.018	103.9	2.2	0.7	0.5
1199	11/18/2014 23:01:12	13.26			9.12	7.98	3.2	2.957	103.9	2.6	0.9	0.6
1200	11/18/2014 23:16:13	13.27			9.10	7.98	4.3	2.889	103.7	3.0	1.0	0.7
1201	11/18/2014 23:31:12	13.25			9.12	7.98	3.2	2.824	104.1	1.9	0.6	0.4
1202	11/18/2014 23:46:13	13.25			9.16	7.98	2.9	2.742	104.5	2.4	0.8	0.6
1203	11/19/2014 0:01:12	13.25			9.29	7.99	3.7	2.677	105.2	2.1	0.7	0.5
1204	11/19/2014 0:16:13	13.25			9.28	8.00	2.9	2.608	105.8	2.3	0.8	0.5
1205	11/19/2014 0:31:13	13.23			9.26	7.99	3.2	2.543	105.5	2.7	0.9	0.6
1206	11/19/2014 0:46:13	13.24			9.28	8.00	2.9	2.489	105.7	1.9	0.6	0.5
1207	11/19/2014 1:01:12	13.20			9.25	7.99	3.4	2.419	105.1	2.5	0.8	0.6
1208	11/19/2014 1:16:12	13.20			9.24	7.99	3.5	2.353	105.1	2.4	0.8	0.6
1209	11/19/2014 1:31:13	13.20			9.23	7.99	3.4	2.314	105.0	2.0	0.7	0.5
1210	11/19/2014 1:46:13	13.19			9.31	8.00	3.1	2.254	105.8	2.4	0.8	0.6
1211	11/19/2014 2:01:13	13.18			9.34	8.00	3.1	2.206	106.1	2.6	0.9	0.6
1212	11/19/2014 2:16:13	13.18			9.38	8.00	2.8	2.187	106.5	2.7	0.9	0.6
1213	11/19/2014 2:31:13	13.17			9.42	8.01	2.8	2.146	107.1	1.5	0.5	0.3
1214	11/19/2014 2:46:12	13.19			9.46	8.01	2.1	2.144	107.6	2.6	0.9	0.6
1215	11/19/2014 3:01:13	13.07			9.51	8.02	2.2	2.151	107.4	2.2	0.7	0.5
1216	11/19/2014 3:16:12	13.07			9.56	8.02	2.1	2.170	107.8	1.9	0.6	0.4
1217	11/19/2014 3:31:12	13.12			9.51	8.01	2.3	2.203	107.2	2.1	0.7	0.5
1218	11/19/2014 3:46:12	13.14			9.48	8.01	2.1	2.237	107.3	2.3	0.8	0.5
1219	11/19/2014 4:01:12	13.15			9.45	8.00	2.6	2.289	106.8	2.2	0.7	0.5
1220	11/19/2014 4:16:12	13.04			9.38	7.99	3.8	2.355	105.5	2.1	0.7	0.5
1221	11/19/2014 4:31:12	13.03			9.36	7.99	3.8	2.424	105.2	2.3	0.8	0.5
1222	11/19/2014 4:46:12	13.11			9.29	7.99	3.6	2.481	105.0	2.1	0.7	0.5
1223	11/19/2014 5:01:12	13.17			9.23	7.99	3.3	2.553	104.7	2.5	0.8	0.6
1224	11/19/2014 5:16:13	13.18			9.20	7.99	3.9	2.628	104.5	2.3	0.8	0.5
1225	11/19/2014 5:31:13	13.20			9.18	7.98	3.2	2.693	104.2	2.0	0.7	0.5
1226	11/19/2014 5:46:12	13.24			9.15	7.98	3.2	2.766	104.0	2.3	0.8	0.6
1227	11/19/2014 6:01:12	13.26			9.15	7.98	3.3	2.849	104.0	1.8	0.6	0.4
1228	11/19/2014 6:16:13	13.26			9.14	7.98	3.5	2.929	104.0	2.4	0.8	0.6
1229	11/19/2014 6:31:13	13.26			9.14	7.99	4.4	3.005	103.9	2.2	0.7	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
1230	11/19/2014 6:46:13	13.24			9.16	7.99	4.5	3.086	104.0	2.5	0.8	0.6
1231	11/19/2014 7:01:12	13.23			9.16	7.99	4.7	3.165	104.1	2.1	0.7	0.5
1232	11/19/2014 7:16:13	13.21			9.17	8.00	4.0	3.251	104.4	2.4	0.8	0.6
1233	11/19/2014 7:31:13	13.18			9.22	8.02	3.4	3.325	104.8	2.4	0.8	0.6
1234	11/19/2014 7:46:13	13.16			9.27	8.03	3.3	3.396	105.4	2.1	0.7	0.5
1235	11/19/2014 8:01:12	13.16			9.28	8.04	3.6	3.473	106.0	2.6	0.9	0.6
1236	11/19/2014 8:16:12	13.16			9.36	8.04	2.9	3.542	106.4	2.3	0.8	0.5
1237	11/19/2014 8:31:12	13.16			9.37	8.05	2.8	3.602	106.6	2.0	0.7	0.5
1238	11/19/2014 8:46:12	13.16			9.36	8.05	2.5	3.651	106.7	2.3	0.8	0.5
1239	11/19/2014 9:01:12	13.15			9.37	8.06	2.3	3.698	106.6	2.5	0.8	0.6
1240	11/19/2014 9:16:12	13.16			9.32	8.06	1.7	3.714	106.7	2.3	0.8	0.5
1241	11/19/2014 9:31:12	13.15			9.27	8.04	2.1	3.725	105.9	2.2	0.7	0.5
1242	11/19/2014 9:46:13	13.16			9.24	8.05	1.9	3.713	105.5	1.4	0.5	0.3
1243	11/19/2014 10:01:12	13.16			9.33	8.05	1.7	3.694	106.2	2.5	0.8	0.6
1244	11/19/2014 10:16:12	13.16			9.30	8.05	2.0	3.631	105.8	1.4	0.5	0.3
1245	11/19/2014 10:31:13	13.21			9.31	8.01	3.1	3.570	105.7	2.0	0.7	0.5
1246	11/19/2014 10:46:13	13.21			9.41	8.03	2.8	3.502	106.8	2.6	0.9	0.6
1247	11/19/2014 11:01:13	13.21			9.42	8.03	2.5	3.409	106.8	2.3	0.8	0.5
1248	11/19/2014 11:16:12	13.20			9.36	8.01	3.6	3.298	106.0	1.8	0.6	0.4
1249	11/19/2014 11:31:12	13.20			9.32	8.01	2.9	3.211	105.5	2.4	0.8	0.6
1250	11/19/2014 11:46:13	13.22			9.35	8.01	3.0	3.104	105.8	2.1	0.7	0.5
1251	11/19/2014 12:01:13	13.25			9.34	8.00	3.6	2.994	105.8	2.4	0.8	0.6
1252	11/19/2014 12:16:13	13.26			9.33	8.00	2.9	2.881	105.6	2.0	0.7	0.5
1253	11/19/2014 12:31:12	13.27			9.29	8.00	2.6	2.783	105.8	2.3	0.8	0.5
1254	11/19/2014 12:46:13	13.25			9.26	7.99	2.7	2.668	105.4	2.1	0.7	0.5
1255	11/19/2014 13:01:12	13.27			9.30	7.99	3.2	2.560	105.9	1.9	0.6	0.4
1256	11/19/2014 13:16:12	13.29			9.34	8.00	3.5	2.447	106.4	2.1	0.7	0.5
1257	11/19/2014 13:31:13	13.33			9.47	8.02	4.7	2.349	108.0	2.3	0.8	0.5
1258	11/19/2014 13:46:13	13.32			9.58	8.02	5.3	2.242	109.0	2.8	0.9	0.7
1259	11/19/2014 14:01:13	13.31			9.62	8.03	4.9	2.142	109.3	2.6	0.9	0.6
1260	11/19/2014 14:16:13	13.33			9.60	8.03	5.3	2.037	109.5	2.7	0.9	0.6
1261	11/19/2014 14:31:12	13.34			9.67	8.03	4.8	1.945	110.1	2.0	0.7	0.5
1262	11/19/2014 14:46:12	13.35			9.66	8.03	4.8	1.857	110.1	2.3	0.8	0.5
1263	11/19/2014 15:01:13	13.35			9.72	8.04	5.0	1.773	110.5	2.5	0.8	0.6
1264	11/19/2014 15:16:13	13.35			9.68	8.04	4.2	1.721	110.2	2.0	0.7	0.5
1265	11/19/2014 15:31:12	13.35			9.67	8.04	4.0	1.653	110.1	2.4	0.8	0.6
1266	11/19/2014 15:46:12	13.35			9.69	8.04	3.9	1.627	110.5	2.3	0.8	0.5
1267	11/19/2014 16:01:13	13.39			9.64	8.03	4.3	1.624	110.1	2.5	0.8	0.6
1268	11/19/2014 16:16:13	13.32			9.78	8.05	3.3	1.643	111.3	2.3	0.8	0.5
1269	11/19/2014 16:31:13	13.29			9.79	8.05	2.6	1.684	111.5	2.3	0.8	0.5
1270	11/19/2014 16:46:13	13.25			9.76	8.05	3.2	1.732	110.8	2.0	0.7	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
1271	11/19/2014 17:01:12	13.25			9.72	8.04	3.2	1.792	110.7	2.5	0.8	0.6
1272	11/19/2014 17:16:13	13.17			9.69	8.03	3.9	1.872	109.8	2.9	1.0	0.7
1273	11/19/2014 17:31:12	13.16			9.66	8.03	3.9	1.973	109.5	3.0	1.0	0.7
1274	11/19/2014 17:46:12	13.16			9.66	8.02	4.2	2.037	109.3	3.0	1.0	0.7
1275	11/19/2014 18:01:13	13.20			9.64	8.02	3.7	2.131	109.4	2.6	0.9	0.6
1276	11/19/2014 18:16:13	13.20			9.62	8.02	3.6	2.212	109.0	3.0	1.0	0.7
1277	11/19/2014 18:31:13	13.19			9.57	8.02	3.5	2.287	108.5	2.6	0.9	0.6
1278	11/19/2014 18:46:12	13.22			9.49	8.01	3.5	2.360	107.8	2.7	0.9	0.6
1279	11/19/2014 19:01:13	13.23			9.44	8.00	3.2	2.436	107.4	2.6	0.9	0.6
1280	11/19/2014 19:16:12	13.25			9.37	7.99	3.2	2.514	106.8	2.4	0.8	0.6
1281	11/19/2014 19:31:12	13.26			9.38	7.99	3.4	2.589	106.8	2.2	0.7	0.5
1282	11/19/2014 19:46:12	13.27			9.37	7.99	3.5	2.656	106.7	2.3	0.8	0.5
1283	11/19/2014 20:01:12	13.27			9.37	7.98	3.6	2.740	106.9	2.0	0.7	0.5
1284	11/19/2014 20:16:12	13.26			9.34	7.99	3.6	2.804	106.6	2.6	0.9	0.6
1285	11/19/2014 20:31:12	13.26			9.33	7.98	3.7	2.878	106.4	2.2	0.7	0.5
1286	11/19/2014 20:46:13	13.25			9.29	7.99	3.7	2.950	105.9	2.2	0.7	0.5
1287	11/19/2014 21:01:12	13.25			9.34	7.99	3.7	3.015	106.4	2.7	0.9	0.6
1288	11/19/2014 21:16:12	13.24			9.33	7.99	3.8	3.081	106.5	2.6	0.9	0.6
1289	11/19/2014 21:31:13	13.23			9.28	8.00	3.7	3.145	106.0	2.6	0.9	0.6
1290	11/19/2014 21:46:13	13.23			9.56	7.99	3.3	3.201	108.9	2.5	0.8	0.6
1291	11/19/2014 22:01:12	13.22			9.54	8.00	3.2	3.252	108.8	3.0	1.0	0.7
1292	11/19/2014 22:16:13	13.22			9.50	8.00	2.9	3.268	108.4	2.8	0.9	0.7
1293	11/19/2014 22:31:11	13.21			9.48	8.00	2.6	3.296	108.2	2.0	0.7	0.5
1294	11/19/2014 22:46:11	13.22			9.40	7.98	2.5	3.295	107.3	2.4	0.8	0.6
1295	11/19/2014 23:01:11	13.21			9.43	7.99	2.6	3.276	107.6	2.2	0.7	0.5
1296	11/19/2014 23:16:11	13.21			9.43	7.99	3.4	3.237	107.5	2.0	0.7	0.5
1297	11/19/2014 23:31:11	13.19			9.41	7.98	3.6	3.176	107.2	2.4	0.8	0.6
1298	11/19/2014 23:46:11	13.13			9.40	7.97	4.0	3.122	106.7	2.5	0.8	0.6
1299	11/20/2014 0:01:11	13.15			9.41	7.98	3.4	3.052	107.0	2.4	0.8	0.6
1300	11/20/2014 0:16:11	13.15			9.44	7.98	3.4	2.974	107.3	2.6	0.9	0.6
1301	11/20/2014 0:31:11	13.14			9.40	7.97	3.4	2.882	106.7	2.4	0.8	0.6
1302	11/20/2014 0:46:10	13.10			9.36	7.96	3.6	2.818	106.1	1.8	0.6	0.4
1303	11/20/2014 1:01:11	13.10			9.35	7.96	3.4	2.744	105.8	1.8	0.6	0.4
1304	11/20/2014 1:16:11	13.11			9.35	7.96	3.6	2.639	106.1	2.3	0.8	0.5
1305	11/20/2014 1:31:11	13.10			9.32	7.96	3.6	2.592	105.7	1.7	0.6	0.4
1306	11/20/2014 1:46:11	13.13			9.34	7.96	3.3	2.536	106.0	1.9	0.6	0.4
1307	11/20/2014 2:01:11	13.12			9.36	7.96	3.0	2.482	106.0	2.4	0.8	0.6
1308	11/20/2014 2:16:11	13.10			9.34	7.96	3.2	2.400	106.0	1.8	0.6	0.4
1309	11/20/2014 2:31:11	13.07			9.38	7.96	3.9	2.345	105.9	2.5	0.8	0.6
1310	11/20/2014 2:46:11	13.08			9.36	7.96	3.3	2.316	106.1	1.6	0.5	0.4
1311	11/20/2014 3:01:11	13.05			9.37	7.96	3.5	2.272	106.2	2.5	0.8	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.33)	Fluorescence %FS
1312	11/20/2014 3:16:11	13.02			9.44	7.97	3.0	2.231	106.9	1.8	0.6	0.4
1313	11/20/2014 3:31:11	12.98			9.49	7.97	3.0	2.207	107.2	2.1	0.7	0.5
1314	11/20/2014 3:46:11	12.96			9.68	7.97	3.1	2.234	109.2	1.9	0.6	0.5
1315	11/20/2014 4:01:11	13.00			9.76	7.97	3.4	2.261	110.3	2.3	0.8	0.5
1316	11/20/2014 4:16:11	13.00			9.77	7.96	3.6	2.258	110.3	1.8	0.6	0.4
1317	11/20/2014 4:31:12	13.04			9.80	7.96	3.4	2.323	110.8	1.6	0.5	0.4
1318	11/20/2014 4:46:12	13.06			9.77	7.96	3.7	2.378	110.5	2.2	0.7	0.5
1319	11/20/2014 5:01:11	12.96			9.80	7.95	4.7	2.446	110.5	2.8	0.9	0.7
1320	11/20/2014 5:16:12	13.01			9.78	7.95	4.2	2.516	110.4	2.3	0.8	0.5
1321	11/20/2014 5:31:11	13.03			9.82	7.95	3.5	2.577	110.8	2.2	0.7	0.5
1322	11/20/2014 5:46:11	13.05			9.79	7.95	3.2	2.663	110.7	2.1	0.7	0.5
1323	11/20/2014 6:01:11	13.08			9.80	7.96	3.1	2.732	110.8	2.1	0.7	0.5
1324	11/20/2014 6:16:11	13.10			9.82	7.96	3.2	2.811	111.2	1.6	0.5	0.4
1325	11/20/2014 6:31:11	13.14			9.81	7.96	3.4	2.883	111.2	2.2	0.7	0.5
1326	11/20/2014 6:46:11	13.15			9.78	7.97	3.4	2.960	111.0	1.8	0.6	0.4
1327	11/20/2014 7:01:12	13.15			9.80	7.97	3.5	3.052	110.8	2.4	0.8	0.6
1328	11/20/2014 7:16:11	13.15			9.84	7.97	3.9	3.138	111.2	2.4	0.8	0.6
1329	11/20/2014 7:31:11	13.15			9.87	7.98	4.4	3.228	111.4	2.3	0.8	0.5
1330	11/20/2014 7:46:11	13.15			9.90	7.98	5.1	3.318	111.9	2.1	0.7	0.5
1331	11/20/2014 8:01:11	13.15			9.94	8.00	4.8	3.409	112.2	2.4	0.8	0.6
1332	11/20/2014 8:16:11	13.16			9.99	8.01	5.3	3.504	113.0	2.2	0.7	0.5
1333	11/20/2014 8:31:11	13.18			10.03	8.02	4.6	3.573	113.6	2.9	1.0	0.7
1334	11/20/2014 8:46:11	13.22			10.08	8.04	4.7	3.649	114.3	2.4	0.8	0.6
1335	11/20/2014 9:01:11	13.25			10.12	8.04	4.1	3.721	114.7	2.6	0.9	0.6
1336	11/20/2014 9:16:11	13.27			10.11	8.05	2.8	3.767	115.0	2.5	0.8	0.6
1337	11/20/2014 9:31:11	13.24			10.12	8.05	2.9	3.804	115.0	2.6	0.9	0.6
1338	11/20/2014 9:46:11	13.28			10.11	8.06	2.6	3.831	115.1	2.8	0.9	0.7
Mean		14.14	49.96	32.72	8.96	7.99	4.01	2.67	105.25	2.46	0.81	0.58
Minimum		12.96	47.67	31.07	7.93	7.92	1.70	1.03	93.50	1.30	0.43	0.30
Maximum		15.62	51.36	33.71	10.97	8.10	14.10	4.07	130.80	4.00	1.32	0.90

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

Chlorophyll/Fluorescence displayed as *in vivo* (non-extractive) readings from YSI 6025 chlorophyll probe

Chlorophyll corrected with ratio derived from extractive analysis; Sample collected at 10:30; value = 0.77

Flagged data due to suspect values (i.e., equipment malfunction, interference, etc.)

Data listed as outlier and discarded due to field issues (i.e., equipment malfunction, interference, etc.)

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc		Turbidity+ NTU	Depth meters	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
					mg/L	pH				ug/L	(Corrected ratio = 0.71)	%FS
0	11/20/2014 10:16:03	13.18	49.49	32.33	7.68	8.12	2.0	3.902	89.4	1.6	1.1	0.4
1	11/20/2014 10:31:03	13.24	49.65	32.45	7.81	8.14	2.0	3.864	91.2	2.3	1.6	0.5
2	11/20/2014 10:46:03	13.24	49.66	32.46	7.76	8.14	2.5	3.818	90.6	2.5	1.8	0.6
3	11/20/2014 11:01:03	13.21	49.57	32.39	7.84	8.13	2.5	3.745	91.4	2.2	1.6	0.5
4	11/20/2014 11:16:03	13.16	49.45	32.31	7.84	8.11	2.8	3.662	91.3	2.6	1.8	0.6
5	11/20/2014 11:31:03	13.13	49.33	32.21	7.88	8.11	2.8	3.570	91.7	2.1	1.5	0.5
6	11/20/2014 11:46:04	13.08	49.07	32.02	7.63	8.08	2.9	3.464	88.5	2.5	1.8	0.6
7	11/20/2014 12:01:04	13.09	49.13	32.07	7.77	8.09	2.9	3.350	90.3	2.4	1.7	0.6
8	11/20/2014 12:16:03	13.10	49.13	32.07	7.72	8.09	2.6	3.253	89.7	2.1	1.5	0.5
9	11/20/2014 12:31:03	13.10	49.12	32.06	7.67	8.08	2.7	3.139	89.1	1.8	1.3	0.4
10	11/20/2014 12:46:04	13.08	48.95	31.94	7.62	8.07	2.4	3.014	88.3	2.2	1.6	0.5
11	11/20/2014 13:01:04	13.06	48.73	31.78	7.61	8.06	2.6	2.909	88.1	1.8	1.3	0.4
12	11/20/2014 13:16:03	13.04	48.65	31.72	7.62	8.06	3.1	2.797	88.2	1.3	0.9	0.3
13	11/20/2014 13:31:03	13.05	48.68	31.74	7.63	8.06	3.5	2.675	88.4	2.1	1.5	0.5
14	11/20/2014 13:46:04	13.10	48.97	31.95	7.87	8.08	2.5	2.567	91.3	1.7	1.2	0.4
15	11/20/2014 14:01:04	13.09	48.85	31.87	7.84	8.07	2.7	2.422	90.9	2.4	1.7	0.6
16	11/20/2014 14:16:03	13.10	48.79	31.82	7.74	8.07	3.3	2.311	89.8	2.6	1.8	0.6
17	11/20/2014 14:31:03	13.10	48.73	31.78	7.89	8.07	3.2	2.182	91.5	2.2	1.6	0.5
18	11/20/2014 14:46:04	13.10	48.63	31.71	7.89	8.07	3.7	2.074	91.4	2.2	1.6	0.5
19	11/20/2014 15:01:04	13.09	48.57	31.67	7.82	8.07	3.6	1.958	90.6	2.1	1.5	0.5
20	11/20/2014 15:16:04	13.09	48.54	31.64	7.86	8.07	3.4	1.848	91.0	1.8	1.3	0.4
21	11/20/2014 15:31:04	13.10	48.54	31.64	7.98	8.07	3.2	1.756	92.5	2.5	1.8	0.6
22	11/20/2014 15:46:04	13.13	48.55	31.65	8.03	8.09	3.3	1.650	93.0	2.4	1.7	0.6
23	11/20/2014 16:01:04	13.07	48.43	31.56	7.98	8.07	2.8	1.608	92.3	1.8	1.3	0.4
24	11/20/2014 16:16:04	13.04	48.31	31.47	8.00	8.08	4.5	1.538	92.4	2.5	1.8	0.6
25	11/20/2014 16:31:04	13.00	48.18	31.38	8.09	8.09	4.5	1.524	93.4	2.0	1.4	0.5
26	11/20/2014 16:46:04	13.00	48.23	31.42	8.00	8.08	4.5	1.545	92.3	3.0	2.1	0.7
27	11/20/2014 17:01:04	12.96	48.17	31.37	8.01	8.08	2.7	1.562	92.4	2.4	1.7	0.6
28	11/20/2014 17:16:04	12.96	48.21	31.40	7.99	8.07	2.7	1.629	92.1	2.4	1.7	0.6
29	11/20/2014 17:31:04	12.92	48.12	31.33	7.89	8.07	2.8	1.694	90.8	2.3	1.6	0.5
30	11/20/2014 17:46:04	12.87	47.76	31.07	7.81	8.06	4.3	1.769	89.8	2.5	1.8	0.6
31	11/20/2014 18:01:04	12.88	47.76	31.07	7.70	8.05	4.5	1.871	88.5	2.5	1.8	0.6
32	11/20/2014 18:16:04	12.84	47.49	30.88	7.86	8.04	4.5	1.963	90.1	2.2	1.6	0.5
33	11/20/2014 18:31:04	12.85	47.65	30.99	7.88	8.04	4.7	2.046	90.4	2.6	1.8	0.6
34	11/20/2014 18:46:04	12.92	47.98	31.23	7.70	8.05	3.7	2.129	88.7	2.7	1.9	0.6
35	11/20/2014 19:01:04	12.94	48.07	31.29	7.83	8.04	3.4	2.235	90.3	2.2	1.6	0.5
36	11/20/2014 19:16:04	12.98	48.29	31.45	7.69	8.04	3.3	2.297	88.8	2.4	1.7	0.6
37	11/20/2014 19:31:04	13.02	48.46	31.58	7.67	8.04	3.2	2.398	88.6	2.4	1.7	0.6
38	11/20/2014 19:46:04	13.03	48.53	31.63	7.63	8.04	3.4	2.484	88.3	2.4	1.7	0.6
39	11/20/2014 20:01:04	13.03	48.53	31.63	7.66	8.03	3.5	2.563	88.6	2.5	1.8	0.6
40	11/20/2014 20:16:04	13.04	48.56	31.66	7.63	8.04	3.7	2.647	88.2	2.4	1.7	0.6
41	11/20/2014 20:31:04	13.04	48.67	31.73	7.69	8.04	4.0	2.729	89.1	2.4	1.7	0.6
42	11/20/2014 20:46:04	13.04	48.71	31.77	7.69	8.04	3.7	2.817	89.0	1.9	1.3	0.4
43	11/20/2014 21:01:04	13.04	48.74	31.79	7.71	8.04	4.0	2.885	89.3	2.5	1.8	0.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+ NTU	Depth meters	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
			mS/cm		mg/L	pH				ug/L	(Corrected ratio = 0.71)	%FS
44	11/20/2014 21:16:04	13.05	48.81	31.84	7.82	8.05	4.5	2.970	90.6	2.3	1.6	0.5
45	11/20/2014 21:31:04	13.06	48.88	31.89	7.65	8.05	4.7	3.042	88.7	2.4	1.7	0.6
46	11/20/2014 21:46:04	13.07	48.98	31.96	7.79	8.05	5.4	3.118	90.3	2.3	1.6	0.6
47	11/20/2014 22:01:04	13.11	49.14	32.08	7.82	8.07	4.5	3.197	90.8	2.3	1.6	0.6
48	11/20/2014 22:16:04	13.13	49.23	32.15	7.76	8.08	4.2	3.262	90.3	1.9	1.3	0.4
49	11/20/2014 22:31:04	13.14	49.26	32.17	7.90	8.08	4.0	3.317	91.9	2.6	1.8	0.6
50	11/20/2014 22:46:04	13.14	49.30	32.20	7.79	8.09	4.3	3.352	90.6	3.2	2.3	0.8
51	11/20/2014 23:01:04	13.15	49.33	32.22	7.78	8.09	4.0	3.382	90.6	3.0	2.1	0.7
52	11/20/2014 23:16:04	13.15	49.35	32.23	7.64	8.09	2.3	3.414	88.9	2.9	2.1	0.7
53	11/20/2014 23:31:04	13.12	49.24	32.15	7.65	8.08	2.8	3.401	89.0	2.5	1.8	0.6
54	11/20/2014 23:46:04	13.15	49.36	32.24	7.72	8.09	2.9	3.373	89.8	2.4	1.7	0.6
55	11/21/2014 00:01:04	13.11	49.24	32.15	7.70	8.08	2.9	3.342	89.5	2.0	1.4	0.5
56	11/21/2014 00:16:04	13.08	49.17	32.10	7.63	8.07	3.1	3.300	88.6	2.1	1.5	0.5
57	11/21/2014 00:31:04	12.89	48.87	31.88	7.64	8.04	4.0	3.214	88.3	2.0	1.4	0.5
58	11/21/2014 00:46:04	12.97	49.07	32.03	7.65	8.06	3.4	3.156	88.6	2.7	1.9	0.6
59	11/21/2014 01:01:04	12.98	49.09	32.04	7.63	8.06	3.4	3.074	88.3	2.2	1.6	0.5
60	11/21/2014 01:16:04	12.93	48.97	31.95	7.66	8.04	3.3	2.995	88.5	2.0	1.4	0.5
61	11/21/2014 01:31:04	12.87	48.79	31.82	7.55	8.03	3.2	2.917	87.1	2.0	1.4	0.5
62	11/21/2014 01:46:04	12.84	48.69	31.74	7.57	8.03	3.1	2.857	87.2	2.0	1.4	0.5
63	11/21/2014 02:01:04	12.78	48.60	31.67	7.47	8.02	3.0	2.786	86.0	2.4	1.7	0.6
64	11/21/2014 02:16:04	12.75	48.54	31.63	7.55	8.02	3.2	2.728	86.8	2.4	1.7	0.6
65	11/21/2014 02:31:04	12.73	48.51	31.61	7.46	8.02	2.9	2.661	85.8	2.2	1.6	0.5
66	11/21/2014 02:46:04	12.70	48.47	31.57	7.43	8.02	2.9	2.589	85.3	1.9	1.3	0.4
67	11/21/2014 03:01:03	12.70	48.47	31.58	7.46	8.02	2.8	2.546	85.7	2.1	1.5	0.5
68	11/21/2014 03:16:04	12.67	48.50	31.60	7.51	8.02	2.8	2.504	86.2	2.2	1.6	0.5
69	11/21/2014 03:31:04	12.71	48.50	31.60	7.49	8.02	2.8	2.455	86.0	2.4	1.7	0.6
70	11/21/2014 03:46:04	12.72	48.48	31.58	7.48	8.02	2.5	2.409	85.9	2.4	1.7	0.6
71	11/21/2014 04:01:04	12.74	48.46	31.57	7.55	8.02	2.5	2.393	86.8	2.1	1.5	0.5
72	11/21/2014 04:16:04	12.73	48.37	31.50	7.54	8.03	2.4	2.369	86.6	2.1	1.5	0.5
73	11/21/2014 04:31:04	12.66	48.33	31.47	7.47	8.02	2.3	2.390	85.7	1.8	1.3	0.4
74	11/21/2014 04:46:04	12.66	48.36	31.49	7.49	8.02	2.5	2.393	85.9	2.0	1.4	0.5
75	11/21/2014 05:01:04	12.66	48.37	31.50	7.48	8.02	2.8	2.434	85.8	1.9	1.3	0.4
76	11/21/2014 05:16:04	12.70	48.40	31.53	7.59	8.02	2.9	2.477	87.1	2.0	1.4	0.5
77	11/21/2014 05:31:04	12.74	48.46	31.57	7.61	8.02	3.0	2.529	87.5	2.0	1.4	0.5
78	11/21/2014 05:46:04	12.64	48.25	31.41	7.48	8.01	5.0	2.591	85.7	2.9	2.1	0.7
79	11/21/2014 06:01:04	12.71	48.41	31.54	7.65	8.02	3.9	2.671	87.8	1.7	1.2	0.4
80	11/21/2014 06:16:04	12.74	48.52	31.62	7.50	8.02	3.6	2.742	86.3	2.3	1.6	0.6
81	11/21/2014 06:31:04	12.79	48.62	31.69	7.55	8.02	3.3	2.804	86.9	2.0	1.4	0.5
82	11/21/2014 06:46:04	12.84	48.74	31.77	7.65	8.03	3.6	2.890	88.2	2.2	1.6	0.5
83	11/21/2014 07:01:04	12.91	48.90	31.90	7.81	8.04	3.4	2.969	90.2	1.9	1.3	0.5
84	11/21/2014 07:16:04	12.95	48.97	31.95	7.68	8.05	3.7	3.049	88.8	1.9	1.3	0.5
85	11/21/2014 07:31:04	12.97	49.01	31.98	7.68	8.05	3.9	3.138	88.9	1.6	1.1	0.4
86	11/21/2014 07:46:04	13.00	49.13	32.07	7.70	8.06	4.1	3.218	89.2	2.5	1.8	0.6
87	11/21/2014 08:01:04	13.06	49.26	32.16	7.86	8.07	4.7	3.320	91.2	2.4	1.7	0.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH				ug/L	(Corrected ratio = 0.71)	%FS
88	11/21/2014 08:16:04	13.09	49.31	32.20	7.87	8.08	4.5	3.415	91.4	1.8	1.3	0.4
89	11/21/2014 08:31:04	13.18	49.47	32.32	7.88	8.10	4.8	3.505	91.8	2.1	1.5	0.5
90	11/21/2014 08:46:04	13.25	49.56	32.39	8.00	8.11	5.4	3.590	93.4	1.9	1.3	0.5
91	11/21/2014 09:01:04	13.34	49.70	32.49	8.13	8.14	5.2	3.681	95.1	2.8	2.0	0.7
92	11/21/2014 09:16:04	13.41	49.80	32.57	8.04	8.15	4.2	3.764	94.2	2.2	1.6	0.5
93	11/21/2014 09:31:04	13.44	49.80	32.57	8.04	8.15	3.1	3.829	94.3	2.3	1.6	0.5
94	11/21/2014 09:46:04	13.49	49.88	32.63	8.03	8.16	2.7	3.898	94.3	2.5	1.8	0.6
95	11/21/2014 10:01:04	13.50	49.86	32.62	8.08	8.16	2.0	3.929	95.0	2.3	1.6	0.5
96	11/21/2014 10:16:04	13.54	49.93	32.67	8.04	8.17	1.7	3.965	94.5	1.7	1.2	0.4
97	11/21/2014 10:31:04	13.41	49.88	32.62	7.97	8.16	1.8	3.981	93.5	2.2	1.6	0.5
98	11/21/2014 10:46:04	13.50	49.85	32.61	7.94	8.16	2.1	3.974	93.3	2.1	1.5	0.5
99	11/21/2014 11:01:04	13.46	49.82	32.58	7.94	8.15	2.3	3.950	93.2	2.4	1.7	0.6
100	11/21/2014 11:16:04	13.47	49.81	32.58	8.01	8.16	2.8	3.885	94.0	2.2	1.6	0.5
101	11/21/2014 11:31:04	13.42	49.74	32.53	7.99	8.15	2.8	3.818	93.6	1.5	1.1	0.4
102	11/21/2014 11:46:04	13.39	49.66	32.47	8.03	8.14	2.7	3.735	94.0	3.1	2.2	0.7
103	11/21/2014 12:01:04	13.26	49.42	32.28	8.19	8.12	2.9	3.622	95.6	2.4	1.7	0.6
104	11/21/2014 12:16:04	13.13	49.23	32.14	8.02	8.10	3.8	3.526	93.3	1.9	1.3	0.5
105	11/21/2014 12:31:04	13.18	49.31	32.21	7.97	8.11	2.8	3.410	92.8	3.3	2.3	0.8
106	11/21/2014 12:46:04	13.16	49.26	32.17	8.01	8.11	3.0	3.295	93.2	2.1	1.5	0.5
107	11/21/2014 13:01:04	13.13	49.19	32.11	7.98	8.10	2.9	3.178	92.8	2.3	1.6	0.5
108	11/21/2014 13:16:04	13.07	49.08	32.04	7.98	8.09	2.7	3.052	92.6	1.9	1.3	0.5
109	11/21/2014 13:31:04	13.00	48.89	31.89	7.88	8.07	2.8	2.941	91.3	2.6	1.8	0.6
110	11/21/2014 13:46:04	12.95	48.79	31.82	7.97	8.06	3.3	2.799	92.2	2.0	1.4	0.5
111	11/21/2014 14:01:04	13.05	49.00	31.97	8.00	8.08	3.2	2.690	92.8	2.3	1.6	0.5
112	11/21/2014 14:16:04	13.18	49.22	32.14	8.18	8.11	3.3	2.560	95.2	2.1	1.5	0.5
113	11/21/2014 14:31:04	13.08	48.99	31.96	8.12	8.09	3.3	2.427	94.3	2.3	1.6	0.5
114	11/21/2014 14:46:04	13.04	48.90	31.90	8.33	8.09	3.9	2.287	96.5	2.2	1.6	0.5
115	11/21/2014 15:01:04	13.06	48.91	31.91	8.16	8.08	4.3	2.165	94.6	2.2	1.6	0.5
116	11/21/2014 15:16:04	12.98	48.72	31.77	8.10	8.07	7.2	2.038	93.6	2.1	1.5	0.5
117	11/21/2014 15:31:05	12.94			8.22	8.07	5.4	1.910	93.6	2.6	1.8	0.6
118	11/21/2014 15:46:04	12.94	48.62	31.69	8.08	8.07	6.8	1.778	93.3	2.2	1.6	0.5
119	11/21/2014 16:01:04	12.90	48.51	31.61	8.11	8.06	6.9	1.671	93.6	2.8	2.0	0.7
120	11/21/2014 16:16:04	12.87	48.44	31.56	8.08	8.06	7.8	1.574	93.0	2.6	1.8	0.6
121	11/21/2014 16:31:04	12.85	48.38	31.52	8.01	8.06	9.1	1.486	92.3	3.0	2.1	0.7
122	11/21/2014 16:46:04	12.83	48.30	31.46	8.06	8.06	8.6	1.431	92.7	3.0	2.1	0.7
123	11/21/2014 17:01:04	12.79	48.21	31.39	8.01	8.06	9.2	1.385	92.1	3.1	2.2	0.7
124	11/21/2014 17:16:04	12.79	48.21	31.39	8.04	8.06	6.8	1.383	92.4	3.1	2.2	0.7
125	11/21/2014 17:31:05	12.78			8.24	8.06	5.2	1.428	93.3	2.8	2.0	0.7
126	11/21/2014 17:46:04	12.78	48.21	31.39	8.12	8.06	5.3	1.451	93.3	2.3	1.6	0.5
127	11/21/2014 18:01:04	12.74	48.13	31.33	8.13	8.06	6.1	1.521	93.3	2.6	1.8	0.6
128	11/21/2014 18:16:04	12.74	48.05	31.28	8.08	8.05	7.3	1.606	92.7	2.6	1.8	0.6
129	11/21/2014 18:31:04	12.70	47.65	30.98	8.13	8.04	6.4	1.705	93.0	2.5	1.8	0.6
130	11/21/2014 18:46:04	12.68	47.40	30.80	8.10	8.04	6.8	1.789	92.5	2.4	1.7	0.6
131	11/21/2014 19:01:04	12.67	47.23	30.68	8.08	8.03	7.0	1.881	92.2	2.9	2.1	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.71)	Fluorescence %FS
132	11/21/2014 19:16:04	12.72	47.63	30.97	8.03		8.04	5.3	1.972	91.9	2.5	1.8	0.6
133	11/21/2014 19:31:04	12.75	47.86	31.14	8.05		8.05	4.5	2.081	92.3	2.3	1.6	0.5
134	11/21/2014 19:46:04	12.80	48.09	31.30	8.07		8.05	4.2	2.175	92.7	2.5	1.8	0.6
135	11/21/2014 20:01:04	12.85	48.30	31.46	7.96		8.05	4.8	2.266	91.6	2.3	1.6	0.5
136	11/21/2014 20:16:04	12.90	48.41	31.54	8.01		8.05	4.8	2.381	92.3	2.4	1.7	0.6
137	11/21/2014 20:31:04	12.92	48.47	31.58	8.04		8.05	5.3	2.470	92.7	2.1	1.5	0.5
138	11/21/2014 20:46:04	12.93	48.50	31.60	7.98		8.05	5.6	2.566	92.1	2.8	2.0	0.7
139	11/21/2014 21:01:04	12.97	48.62	31.70	7.96		8.06	5.7	2.652	92.0	2.2	1.6	0.5
140	11/21/2014 21:16:04	12.99	48.66	31.73	7.98		8.07	6.0	2.750	92.2	2.2	1.6	0.5
141	11/21/2014 21:31:04	13.02	48.74	31.79	8.05		8.07	6.2	2.844	93.1	3.0	2.1	0.7
142	11/21/2014 21:46:04	13.06	48.80	31.83	7.97		8.08	6.4	2.932	92.3	2.3	1.6	0.5
143	11/21/2014 22:01:04	13.11	48.91	31.91	8.11		8.09	6.5	3.022	94.1	2.7	1.9	0.6
144	11/21/2014 22:16:04	13.17	49.01	31.98	8.11		8.10	6.6	3.097	94.2	2.4	1.7	0.6
145	11/21/2014 22:31:04	13.24	49.15	32.09	8.07		8.12	6.4	3.196	93.9	2.7	1.9	0.6
146	11/21/2014 22:46:04	13.28	49.25	32.16	8.03		8.13	7.0	3.264	93.7	2.6	1.8	0.6
147	11/21/2014 23:01:04	13.34	49.35	32.24	8.16		8.14	5.7	3.349	95.4	2.7	1.9	0.6
148	11/21/2014 23:16:04	13.37	49.40	32.27	8.16		8.15	4.6	3.412	95.4	2.7	1.9	0.6
149	11/21/2014 23:31:04	13.38	49.36	32.25	8.09		8.15	3.7	3.455	94.7	2.4	1.7	0.6
150	11/21/2014 23:46:04	13.39	49.44	32.31	8.13		8.16	3.4	3.499	95.2	2.4	1.7	0.6
151	11/22/2014 00:01:04	13.31	49.21	32.14	8.08		8.14	3.9	3.526	94.3	2.8	2.0	0.7
152	11/22/2014 00:16:04	13.34	49.31	32.21	8.00		8.14	3.3	3.522	93.4	2.3	1.6	0.5
153	11/22/2014 00:31:04	13.38	49.40	32.28	8.12		8.15	3.5	3.492	95.0	2.3	1.6	0.5
154	11/22/2014 00:46:04	13.39	49.42	32.29	8.04		8.15	3.6	3.451	94.0	2.0	1.4	0.5
155	11/22/2014 01:01:04	13.33	49.15	32.09	8.07		8.14	3.8	3.395	94.2	2.3	1.6	0.5
156	11/22/2014 01:16:04	13.30	49.13	32.08	8.10		8.13	4.4	3.332	94.5	2.2	1.6	0.5
157	11/22/2014 01:31:04	13.35	49.01	31.99	8.05		8.13	4.2	3.248	94.0	2.2	1.6	0.5
158	11/22/2014 01:46:04	13.37	49.18	32.12	8.03		8.14	4.2	3.175	93.8	2.1	1.5	0.5
159	11/22/2014 02:01:04	13.38	49.24	32.16	8.08		8.13	4.0	3.086	94.5	2.1	1.5	0.5
160	11/22/2014 02:16:04	13.31	48.93	31.93	8.20		8.12	4.3	3.001	95.5	1.8	1.3	0.4
161	11/22/2014 02:31:04	13.26	48.83	31.86	8.12		8.11	4.0	2.919	94.5	2.5	1.8	0.6
162	11/22/2014 02:46:04	13.23	48.70	31.76	7.96		8.10	3.7	2.850	92.6	2.2	1.6	0.5
163	11/22/2014 03:01:04	13.13	48.48	31.60	7.95		8.08	4.0	2.786	92.1	2.2	1.6	0.5
164	11/22/2014 03:16:04	13.14	48.49	31.61	7.88		8.08	3.7	2.718	91.3	1.9	1.3	0.5
165	11/22/2014 03:31:04	13.14	48.49	31.61	7.87		8.08	3.7	2.655	91.2	2.1	1.5	0.5
166	11/22/2014 03:46:04	13.19	48.59	31.68	7.82		8.09	3.7	2.597	90.8	2.1	1.5	0.5
167	11/22/2014 04:01:04	13.20	48.66	31.74	7.89		8.09	3.3	2.555	91.6	2.4	1.7	0.6
168	11/22/2014 04:16:04	13.13	48.44	31.57	7.88		8.08	3.7	2.509	91.3	2.1	1.5	0.5
169	11/22/2014 04:31:04	13.09	48.27	31.45	7.84		8.07	2.8	2.461	90.7	2.0	1.4	0.5
170	11/22/2014 04:46:04	13.08	48.15	31.36	7.90		8.06	2.9	2.451	91.3	2.2	1.6	0.5
171	11/22/2014 05:01:04	13.04	48.01	31.26	7.84		8.06	2.9	2.437	90.5	2.2	1.6	0.5
172	11/22/2014 05:16:04	13.07	48.05	31.29	7.81		8.06	3.2	2.430	90.2	2.2	1.6	0.5
173	11/22/2014 05:31:04	13.10	48.27	31.45	7.83		8.07	3.1	2.455	90.6	2.5	1.8	0.6
174	11/22/2014 05:46:04	13.12	48.25	31.43	7.91		8.07	3.3	2.480	91.5	2.4	1.7	0.6
175	11/22/2014 06:01:04	13.13	48.28	31.45	7.92		8.07	3.9	2.526	91.6	2.0	1.4	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.71)	Fluorescence %FS
176	11/22/2014 06:16:04	13.13	48.22	31.41	7.98	8.07	4.0	2.594	92.4	2.0	1.4	0.5
177	11/22/2014 06:31:04	13.12	47.92	31.20	8.01	8.07	3.8	2.648	92.6	2.5	1.8	0.6
178	11/22/2014 06:46:04	13.14	48.24	31.42	7.89	8.08	4.8	2.732	91.4	2.0	1.4	0.5
179	11/22/2014 07:01:04	13.15	48.32	31.48	8.02	8.08	4.4	2.817	92.9	2.0	1.4	0.5
180	11/22/2014 07:16:04	13.18	48.41	31.55	8.06	8.09	4.8	2.902	93.4	2.0	1.4	0.5
181	11/22/2014 07:31:04	13.19	48.53	31.64	8.01	8.10	4.2	2.988	92.9	2.1	1.5	0.5
182	11/22/2014 07:46:04	13.21	48.63	31.71	8.01	8.11	4.7	3.084	93.0	1.3	0.9	0.3
183	11/22/2014 08:01:04	13.24	48.70	31.77	8.10	8.11	4.8	3.178	94.2	2.3	1.6	0.5
184	11/22/2014 08:16:04	13.29	48.85	31.88	8.07	8.12	5.6	3.275	93.9	2.2	1.6	0.5
185	11/22/2014 08:31:04	13.34	48.94	31.94	8.09	8.13	5.3	3.370	94.3	2.5	1.8	0.6
186	11/22/2014 08:46:04	13.42	49.06	32.03	8.22	8.15	5.2	3.469	96.1	1.6	1.1	0.4
187	11/22/2014 09:01:04	13.51	49.18	32.12	8.09	8.17	5.9	3.561	94.8	1.9	1.3	0.4
188	11/22/2014 09:16:04	13.62	49.31	32.22	8.22	8.18	5.9	3.642	96.6	2.7	1.9	0.6
189	11/22/2014 09:31:04	13.73	49.39	32.28	8.25	8.20	5.0	3.742	97.2	2.3	1.6	0.6
190	11/22/2014 09:46:04	13.82	49.54	32.39	8.26	8.21	4.7	3.821	97.6	2.3	1.6	0.5
191	11/22/2014 10:01:04	13.87	49.60	32.44	8.28	8.22	4.1	3.893	97.9	1.9	1.3	0.5
192	11/22/2014 10:16:04	13.91	49.64	32.47	8.34	8.22	3.6	3.953	98.7	2.1	1.5	0.5
193	11/22/2014 10:31:04	13.94	49.69	32.50	8.32	8.23	2.8	4.001	98.5	2.1	1.5	0.5
194	11/22/2014 10:46:04	13.95	49.69	32.51	8.26	8.23	2.0	4.038	97.9	1.7	1.2	0.4
195	11/22/2014 11:01:04	13.89	49.65	32.48	8.14	8.22	1.7	4.052	96.3	1.5	1.1	0.4
196	11/22/2014 11:16:04	13.88	49.58	32.42	8.23	8.22	2.5	4.035	97.4	1.9	1.3	0.4
197	11/22/2014 11:31:04	13.90	49.61	32.45	8.23	8.22	2.6	4.021	97.3	2.6	1.8	0.6
198	11/22/2014 11:46:04	13.91	49.60	32.44	8.21	8.22	2.8	3.948	97.2	2.6	1.8	0.6
199	11/22/2014 12:01:04	13.90	49.59	32.43	8.32	8.22	4.8	3.870	98.5	1.6	1.1	0.4
200	11/22/2014 12:16:04	13.90	49.47	32.35	8.37	8.21	3.7	3.793	99.0	2.0	1.4	0.5
201	11/22/2014 12:31:04	13.93	49.42	32.31	8.36	8.21	3.9	3.701	98.9	1.7	1.2	0.4
202	11/22/2014 12:46:04	13.74	49.01	32.01	8.52	8.17	3.9	3.592	100.2	1.8	1.3	0.4
203	11/22/2014 13:01:04	13.68	48.98	31.98	8.21	8.17	4.5	3.495	96.5	2.4	1.7	0.6
204	11/22/2014 13:16:04	13.69	48.95	31.96	8.34	8.17	4.0	3.368	98.0	2.4	1.7	0.6
205	11/22/2014 13:31:04	13.67	48.93	31.95	8.30	8.17	3.4	3.267	97.5	2.8	2.0	0.7
206	11/22/2014 13:46:04	13.65	48.85	31.88	8.42	8.16	3.4	3.147	98.8	2.0	1.4	0.5
207	11/22/2014 14:01:04	13.63	48.78	31.83	8.50	8.16	3.4	3.010	99.6	2.0	1.4	0.5
208	11/22/2014 14:16:04	13.58	48.62	31.71	8.47	8.15	4.3	2.877	99.1	2.0	1.4	0.5
209	11/22/2014 14:31:04	13.71	48.78	31.83	8.64	8.17	4.7	2.770	101.5	1.6	1.1	0.4
210	11/22/2014 14:46:04	13.69	48.83	31.87	8.60	8.17	4.8	2.622	101.0	1.9	1.3	0.5
211	11/22/2014 15:01:04	13.54	48.48	31.62	8.58	8.15	6.0	2.466	100.2	2.7	1.9	0.6
212	11/22/2014 15:16:04	13.54	48.45	31.59	8.49	8.15	8.8	2.346	99.2	2.7	1.9	0.6
213	11/22/2014 15:31:04	13.51	48.34	31.51	8.65	8.14	6.8	2.198	101.0	2.6	1.8	0.6
214	11/22/2014 15:46:04	13.51	48.31	31.49	8.70	8.13	6.4	2.059	101.5	2.6	1.8	0.6
215	11/22/2014 16:01:04	13.48	48.15	31.38	8.65	8.13	6.7	1.919	100.8	2.5	1.8	0.6
216	11/22/2014 16:16:04	13.45	48.11	31.34	8.36	8.13	5.9	1.765	97.4	2.5	1.8	0.6
217	11/22/2014 16:31:04	13.42	47.97	31.24	8.85	8.13	6.4	1.661	103.0	2.1	1.5	0.5
218	11/22/2014 16:46:04	13.41	47.81	31.12	8.94	8.12	5.7	1.553	103.9	2.3	1.6	0.5
219	11/22/2014 17:01:04	13.40	47.60	30.97	8.79	8.12	5.7	1.422	102.0	2.9	2.1	0.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	(Corrected ratio = 0.71)	%FS
220	11/22/2014 17:16:04	13.40	47.50	30.90	8.72	8.12	5.7	1.342	101.2	2.8	2.0	0.7
221	11/22/2014 17:31:04	13.39	47.29	30.75	8.51	8.11	5.7	1.297	98.6	2.8	2.0	0.7
222	11/22/2014 17:46:04	13.38	47.35	30.79	8.55	8.11	5.6	1.210	99.1	2.9	2.1	0.7
223	11/22/2014 18:01:04	13.35	47.41	30.83	8.50	8.11	5.0	1.240	98.5	2.7	1.9	0.6
224	11/22/2014 18:16:04	13.36	47.44	30.85	8.51	8.12	5.3	1.274	98.6	2.3	1.6	0.5
225	11/22/2014 18:31:04	13.36	47.49	30.89	8.55	8.12	5.0	1.323	99.2	2.4	1.7	0.6
226	11/22/2014 18:46:04	13.34	47.43	30.85	8.58	8.11	5.3	1.429	99.3	2.4	1.7	0.6
227	11/22/2014 19:01:04	13.34	46.74	30.35	8.57	8.11	6.1	1.538	99.0	2.6	1.8	0.6
228	11/22/2014 19:16:04	13.38	46.21	29.96	8.46	8.10	7.0	1.618	97.5	3.2	2.3	0.8
229	11/22/2014 19:31:04	13.39	46.23	29.98	8.59	8.10	7.5	1.696	99.0	3.2	2.3	0.8
230	11/22/2014 19:46:04	13.39	46.38	30.09	8.49	8.11	6.8	1.790	98.0	2.6	1.8	0.6
231	11/22/2014 20:01:04	13.40	46.36	30.07	8.46	8.11	6.4	1.924	97.6	2.4	1.7	0.6
232	11/22/2014 20:16:04	13.41	46.78	30.38	8.44	8.11	6.1	2.011	97.6	2.8	2.0	0.7
233	11/22/2014 20:31:04	13.43	46.99	30.53	8.38	8.11	6.7	2.093	97.0	2.3	1.6	0.5
234	11/22/2014 20:46:04	13.42	46.94	30.50	8.24	8.11	6.7	2.221	95.4	2.6	1.8	0.6
235	11/22/2014 21:01:04	13.43	47.24	30.71	8.31	8.10	6.7	2.316	96.4	2.8	2.0	0.7
236	11/22/2014 21:16:04	13.46	47.33	30.78	8.46	8.10	7.2	2.432	98.2	3.1	2.2	0.7
237	11/22/2014 21:31:04	13.46	47.44	30.86	8.08	8.10	7.5	2.519	93.9	2.8	2.0	0.7
238	11/22/2014 21:46:04	13.46	47.46	30.87	8.55	8.10	8.3	2.639	99.3	2.3	1.6	0.5
239	11/22/2014 22:01:04	13.47	47.32	30.77	8.15	8.11	9.0	2.715	94.6	2.4	1.7	0.6
240	11/22/2014 22:16:04	13.47	47.50	30.90	8.47	8.11	10.9	2.811	98.4	2.8	2.0	0.7
241	11/22/2014 22:31:04	13.47	47.58	30.96	8.19	8.12	11.2	2.899	95.2	3.1	2.2	0.7
242	11/22/2014 22:46:04	13.49	47.84	31.15	7.92	8.13	12.9	2.988	92.2	2.6	1.8	0.6
243	11/22/2014 23:01:04	13.53	48.05	31.30	8.04	8.15	10.1	3.091	93.7	2.8	2.0	0.7
244	11/22/2014 23:16:04	13.61	48.35	31.52	8.34	8.16	9.0	3.162	97.6	2.2	1.6	0.5
245	11/22/2014 23:31:04	13.67	48.56	31.67	8.31	8.17	8.6	3.225	97.4	2.3	1.6	0.5
246	11/22/2014 23:46:04	13.78	48.81	31.86	8.53	8.19	8.6	3.309	100.3	2.6	1.8	0.6
247	11/23/2014 00:01:04	13.87	49.00	32.00	8.51	8.21	5.7	3.368	100.4	2.3	1.6	0.5
248	11/23/2014 00:16:04	13.93	49.14	32.10	8.71	8.22	4.8	3.415	103.0	2.1	1.5	0.5
249	11/23/2014 00:31:04	13.96	49.20	32.15	8.45	8.22	4.0	3.460	100.0	2.6	1.8	0.6
250	11/23/2014 00:46:04	13.92	49.11	32.08	8.29	8.21	3.7	3.495	97.9	2.7	1.9	0.6
251	11/23/2014 01:01:04	13.90	49.07	32.06	8.41	8.21	3.8	3.458	99.3	2.3	1.6	0.6
252	11/23/2014 01:16:04	13.94	49.21	32.16	8.43	8.22	3.7	3.450	99.7	2.1	1.5	0.5
253	11/23/2014 01:31:04	13.89	49.10	32.07	8.27	8.21	4.6	3.397	97.6	1.7	1.2	0.4
254	11/23/2014 01:46:04	13.46	48.25	31.45	8.17	8.16	5.8	3.344	95.2	2.3	1.6	0.5
255	11/23/2014 02:01:04	13.35	48.12	31.35	8.44	8.15	5.7	3.285	98.1	2.3	1.6	0.6
256	11/23/2014 02:16:04	13.49	48.50	31.63	8.07	8.17	4.5	3.202	94.3	2.4	1.7	0.6
257	11/23/2014 02:31:04	13.36	48.01	31.27	8.51	8.14	7.0	3.108	98.9	2.4	1.7	0.6
258	11/23/2014 02:46:04	13.33	47.81	31.12	8.21	8.14	6.2	3.056	95.3	2.1	1.5	0.5
259	11/23/2014 03:01:04	13.15	47.52	30.90	7.92	8.11	5.1	2.960	91.4	1.9	1.3	0.4
260	11/23/2014 03:16:04	13.08	47.28	30.73	7.95	8.10	4.9	2.888	91.5	2.2	1.6	0.5
261	11/23/2014 03:31:04	12.95	46.84	30.41	8.06	8.09	4.5	2.835	92.4	2.8	2.0	0.7
262	11/23/2014 03:46:04	12.96	46.88	30.43	7.92	8.09	5.0	2.739	90.8	2.8	2.0	0.7
263	11/23/2014 04:01:04	12.90	46.80	30.37	7.90	8.08	4.6	2.685	90.5	2.7	1.9	0.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+ NTU	Depth meters	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
			mS/cm		mg/L	pH				ug/L	(Corrected ratio = 0.71)	%FS
264	11/23/2014 04:16:04	12.89	46.74	30.34	8.31	8.09	4.5	2.627	95.1	2.2	1.6	0.5
265	11/23/2014 04:31:05	12.87	46.66	30.27	8.05	8.09	4.2	2.573	92.1	2.3	1.6	0.5
266	11/23/2014 04:46:04	12.82	46.63	30.25	7.87	8.09	4.3	2.531	89.9	2.5	1.8	0.6
267	11/23/2014 05:01:04	12.87	46.75	30.34	7.99	8.09	4.5	2.477	91.4	2.4	1.7	0.6
268	11/23/2014 05:16:04	12.87	46.75	30.34	7.85	8.09	4.1	2.464	89.8	2.5	1.8	0.6
269	11/23/2014 05:31:04	12.92	46.66	30.28	7.80	8.08	4.2	2.425	89.2	3.0	2.1	0.7
270	11/23/2014 05:46:04	12.95	46.79	30.37	7.88	8.09	4.2	2.426	90.3	2.3	1.6	0.5
271	11/23/2014 06:01:04	13.12	46.92	30.47	8.18	8.09	4.2	2.432	94.1	2.6	1.8	0.6
272	11/23/2014 06:16:04	13.08	46.89	30.45	7.62	8.09	5.4	2.451	87.5	2.7	1.9	0.6
273	11/23/2014 06:31:04	13.06	46.89	30.45	7.64	8.09	4.5	2.501	87.8	2.2	1.6	0.5
274	11/23/2014 06:46:04	13.03	46.88	30.44	8.20	8.09	4.4	2.534	94.1	2.0	1.4	0.5
275	11/23/2014 07:01:04	12.99	46.80	30.38	7.98	8.09	4.5	2.587	91.5	2.9	2.1	0.7
276	11/23/2014 07:16:04	12.94	46.45	30.12	7.70	8.09	5.4	2.672	88.1	2.1	1.5	0.5
277	11/23/2014 07:31:04	13.07	46.94	30.48	8.07	8.10	5.1	2.742	92.7	2.2	1.6	0.5
278	11/23/2014 07:46:04	13.14	47.11	30.61	7.97	8.11	5.7	2.819	91.8	1.8	1.3	0.4
279	11/23/2014 08:01:04	13.13	46.94	30.49	8.11	8.12	5.0	2.888	93.3	2.1	1.5	0.5
280	11/23/2014 08:16:04	13.31	47.64	31.00	8.29	8.14	5.2	2.998	96.1	2.2	1.6	0.5
281	11/23/2014 08:31:04	13.41	47.91	31.20	7.99	8.15	5.6	3.079	92.9	1.9	1.3	0.4
282	11/23/2014 08:46:04	13.43	48.13	31.36	8.40	8.15	5.7	3.156	97.8	1.8	1.3	0.4
283	11/23/2014 09:01:04	13.48	48.25	31.44	8.11	8.16	5.3	3.260	94.6	1.9	1.3	0.4
284	11/23/2014 09:16:04	13.57	48.25	31.44	8.24	8.18	6.8	3.359	96.3	2.2	1.6	0.5
285	11/23/2014 09:31:04	13.65	48.38	31.54	8.52	8.19	7.9	3.442	99.8	2.3	1.6	0.5
286	11/23/2014 09:46:04	13.77	48.67	31.76	8.51	8.21	9.4	3.560	100.0	2.3	1.6	0.5
287	11/23/2014 10:01:04	13.82	48.81	31.86	8.35	8.23	9.2	3.632	98.2	2.5	1.8	0.6
288	11/23/2014 10:16:04	13.89	49.10	32.07	8.26	8.24	7.5	3.728	97.5	2.1	1.5	0.5
289	11/23/2014 10:31:04	13.93	49.30	32.22	8.55	8.25	7.0	3.813	101.1	2.2	1.6	0.5
290	11/23/2014 10:46:04	13.95	49.31	32.23	8.43	8.25	6.6	3.883	99.7	2.2	1.6	0.5
291	11/23/2014 11:01:04	13.97	49.50	32.37	8.32	8.26	5.1	3.954	98.5	1.9	1.3	0.4
292	11/23/2014 11:16:04	13.99	49.45	32.33	8.34	8.26	4.0	3.998	98.8	2.1	1.5	0.5
293	11/23/2014 11:31:04	13.99	49.46	32.34	8.32	8.26	3.3	4.055	98.6	1.9	1.3	0.4
294	11/23/2014 11:46:04	13.93	49.22	32.16	8.21	8.25	2.9	4.061	97.0	2.3	1.6	0.5
295	11/23/2014 12:01:04	13.85	49.07	32.05	8.23	8.24	3.5	4.044	97.0	2.1	1.5	0.5
296	11/23/2014 12:16:04	13.96	49.38	32.28	8.32	8.25	3.8	4.041	98.4	2.2	1.6	0.5
297	11/23/2014 12:31:04	13.97	49.41	32.30	8.38	8.25	4.3	3.956	99.3	2.3	1.6	0.5
298	11/23/2014 12:46:05	13.95	49.10	32.08	8.17	8.25	4.2	3.901	96.5	2.1	1.5	0.5
299	11/23/2014 13:01:05	13.91	48.87	31.91	8.78	8.24	4.1	3.778	103.6	2.2	1.6	0.5
300	11/23/2014 13:16:04	13.82	48.77	31.83	7.96	8.22	3.7	3.672	93.7	2.7	1.9	0.6
301	11/23/2014 13:31:04	13.69	48.35	31.53	7.96	8.20	4.5	3.576	93.3	2.7	1.9	0.6
302	11/23/2014 13:46:04	13.72	48.43	31.58	8.30	8.21	5.0	3.446	97.3	2.6	1.8	0.6
303	11/23/2014 14:01:04	13.72	48.37	31.54	8.30	8.21	4.9	3.324	97.4	3.0	2.1	0.7
304	11/23/2014 14:16:04	13.72	48.38	31.55	8.42	8.21	3.6	3.201	98.7	2.3	1.6	0.5
305	11/23/2014 14:31:04	13.64	48.12	31.35	8.24	8.19	4.5	3.070	96.3	2.8	2.0	0.7
306	11/23/2014 14:46:04	13.58	47.97	31.24	8.01	8.18	4.0	2.942	93.5	2.3	1.6	0.5
307	11/23/2014 15:01:04	13.62	48.12	31.35	8.58	8.19	4.5	2.792	100.3	2.3	1.6	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.71)	Fluorescence %FS
308	11/23/2014 15:16:04	13.66	48.11	31.35	8.68		8.20	4.7	2.654	101.6	2.5	1.8	0.6
309	11/23/2014 15:31:04	13.57	47.82	31.14	8.68		8.19	4.9	2.507	101.2	2.3	1.6	0.5
310	11/23/2014 15:46:04	13.48	47.63	30.99	7.95		8.17	5.4	2.370	92.4	2.3	1.6	0.5
311	11/23/2014 16:01:04	13.51	47.66	31.02	8.60		8.18	5.1	2.227	100.1	2.7	1.9	0.6
312	11/23/2014 16:16:05	13.38	47.38	30.81	8.78		8.16	6.2	2.074	101.8	2.7	1.9	0.6
313	11/23/2014 16:31:04	13.28	47.13	30.62	7.89		8.15	6.2	1.913	91.2	2.6	1.8	0.6
314	11/23/2014 16:46:04	13.20	46.96	30.51	8.39		8.14	6.3	1.770	96.7	2.6	1.8	0.6
315	11/23/2014 17:01:04	13.14	46.81	30.39	7.52		8.13	6.1	1.625	86.5	2.5	1.8	0.6
316	11/23/2014 17:16:04	13.04	46.49	30.16	8.43		8.12	5.9	1.484	96.6	3.1	2.2	0.7
317	11/23/2014 17:31:04	13.01	46.43	30.11	8.65		8.12	5.9	1.359	99.1	3.4	2.4	0.8
318	11/23/2014 17:46:04	12.93	46.20	29.95	8.65		8.11	5.7	1.248	98.8	3.3	2.3	0.8
319	11/23/2014 18:01:04	12.82	45.94	29.76	8.71		8.11	5.7	1.166	99.1	3.3	2.3	0.8
320	11/23/2014 18:16:04	12.76	45.86	29.69	7.85		8.11	5.1	1.117	89.2	3.9	2.8	0.9
321	11/23/2014 18:31:04	12.83	45.99	29.79	8.15		8.11	5.0	1.139	92.8	3.2	2.3	0.8
322	11/23/2014 18:46:04	12.79	46.00	29.79	8.20		8.11	4.7	1.210	93.3	2.7	1.9	0.6
323	11/23/2014 19:01:04	12.84	46.12	29.88	8.18		8.11	4.6	1.242	93.3	3.0	2.1	0.7
324	11/23/2014 19:16:04	12.84	46.10	29.87	8.24		8.11	4.6	1.375	93.9	3.0	2.1	0.7
325	11/23/2014 19:31:04	12.78	44.93	29.03	8.08		8.10	5.9	1.439	91.5	3.0	2.1	0.7
326	11/23/2014 19:46:04	12.83	45.10	29.15	8.39		8.10	6.1	1.530	95.2	3.0	2.1	0.7
327	11/23/2014 20:01:04	12.86	44.88	29.00	8.22		8.10	6.3	1.632	93.2	3.1	2.2	0.7
328	11/23/2014 20:16:04	12.90	45.12	29.17	8.19		8.10	5.9	1.702	93.0	3.4	2.4	0.8
329	11/23/2014 20:31:04	12.92	45.03	29.11	8.16		8.10	5.4	1.776	92.7	3.8	2.7	0.9
330	11/23/2014 20:46:04	12.95	45.35	29.34	8.28		8.11	5.4	1.876	94.3	3.5	2.5	0.8
331	11/23/2014 21:01:04	13.01	45.71	29.59	8.26		8.11	5.0	1.978	94.3	3.1	2.2	0.7
332	11/23/2014 21:16:04	13.09	45.95	29.77	8.29		8.12	5.7	2.067	94.9	3.7	2.6	0.9
333	11/23/2014 21:31:04	13.16	46.31	30.03	8.12		8.12	5.7	2.183	93.2	2.5	1.8	0.6
334	11/23/2014 21:46:04	13.18	46.49	30.16	8.41		8.11	5.8	2.305	96.7	2.6	1.8	0.6
335	11/23/2014 22:01:04	13.16	46.58	30.23	7.83		8.11	6.1	2.389	90.0	3.1	2.2	0.7
336	11/23/2014 22:16:04	13.17	46.68	30.30	8.12		8.12	6.1	2.521	93.4	2.3	1.6	0.5
337	11/23/2014 22:31:04	13.17	46.75	30.35	8.21		8.12	7.2	2.624	94.5	3.0	2.1	0.7
338	11/23/2014 22:46:04	13.20	46.91	30.47	8.16		8.13	7.6	2.730	94.1	3.2	2.3	0.8
339	11/23/2014 23:01:04	13.25	47.11	30.61	8.07		8.14	8.6	2.817	93.2	2.4	1.7	0.6
340	11/23/2014 23:16:04	13.28	47.27	30.73	7.88		8.15	9.1	2.913	91.1	2.7	1.9	0.6
341	11/23/2014 23:31:05	13.35	47.50	30.90	8.47		8.16	10.6	2.998	98.2	3.0	2.1	0.7
342	11/23/2014 23:46:05	13.41	47.69	31.04	8.36		8.17	9.3	3.080	97.1	2.7	1.9	0.6
343	11/24/2014 00:01:04	13.52	48.03	31.29	8.40		8.20	10.8	3.180	97.9	3.0	2.1	0.7
344	11/24/2014 00:16:04	13.58	48.22	31.42	8.27		8.21	11.2	3.247	96.6	2.5	1.8	0.6
345	11/24/2014 00:31:04	13.67	48.34	31.52	8.35		8.22	9.4	3.306	97.8	2.8	2.0	0.7
346	11/24/2014 00:46:04	13.77	48.51	31.64	8.13		8.23	8.2	3.374	95.5	2.0	1.4	0.5
347	11/24/2014 01:01:04	13.86	48.64	31.74	8.23		8.24	6.8	3.432	96.9	2.7	1.9	0.6
348	11/24/2014 01:16:04	13.91	48.69	31.78	8.34		8.25	6.9	3.474	98.4	2.6	1.8	0.6
349	11/24/2014 01:31:04	13.92	48.73	31.81	8.13		8.25	4.3	3.483	95.8	2.3	1.6	0.6
350	11/24/2014 01:46:04	13.87	48.64	31.74	8.16		8.24	5.3	3.479	96.0	2.3	1.6	0.5
351	11/24/2014 02:01:04	13.92	48.75	31.82	8.19		8.25	6.1	3.468	96.6	2.8	2.0	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.71)	Fluorescence %FS
352	11/24/2014 02:16:04	13.78	48.55	31.68	8.22	8.23	6.0	3.419	96.6	2.2	1.6	0.5
353	11/24/2014 02:31:04	13.37	47.96	31.23	8.18	8.19	6.8	3.358	95.0	3.2	2.3	0.8
354	11/24/2014 02:46:04	13.16	47.82	31.12	8.24	8.18	5.8	3.288	95.2	2.8	2.0	0.7
355	11/24/2014 03:01:04	13.38	48.23	31.43	8.15	8.20	5.9	3.185	94.8	2.3	1.6	0.6
356	11/24/2014 03:16:04	13.17	47.68	31.02	8.28	8.17	6.8	3.109	95.7	2.2	1.6	0.5
357	11/24/2014 03:31:04	13.18	47.58	30.95	7.95	8.17	6.3	3.044	91.8	2.5	1.8	0.6
358	11/24/2014 03:46:04	13.08	47.40	30.82	8.30	8.15	5.4	2.941	95.6	2.9	2.1	0.7
359	11/24/2014 04:01:04	12.95	47.18	30.65	7.86	8.14	5.0	2.874	90.3	2.7	1.9	0.6
360	11/24/2014 04:16:04	12.86	47.03	30.54	7.76	8.12	4.4	2.821	88.8	2.7	1.9	0.6
361	11/24/2014 04:31:04	12.85	47.14	30.62	7.72	8.12	4.3	2.757	88.4	2.9	2.1	0.7
362	11/24/2014 04:46:04	12.74	46.81	30.38	7.95	8.12	4.3	2.687	90.7	2.4	1.7	0.6
363	11/24/2014 05:01:04	12.72	46.65	30.26	7.69	8.12	4.3	2.621	87.6	2.0	1.4	0.5
364	11/24/2014 05:16:04	12.70	46.63	30.25	7.82	8.12	4.0	2.569	89.1	2.4	1.7	0.6
365	11/24/2014 05:31:04	12.60	46.41	30.09	8.01	8.11	3.9	2.519	90.9	2.4	1.7	0.6
366	11/24/2014 05:46:05	12.56	46.31	30.01	7.89	8.10	4.0	2.476	89.4	2.9	2.1	0.7
367	11/24/2014 06:01:04	12.53	46.30	30.00	7.70	8.10	3.8	2.449	87.3	2.1	1.5	0.5
368	11/24/2014 06:16:05	12.56	46.21	29.94	7.93	8.10	3.7	2.425	89.9	3.0	2.1	0.7
369	11/24/2014 06:31:04	12.53	46.26	29.97	7.65	8.10	3.8	2.418	86.7	2.3	1.6	0.5
370	11/24/2014 06:46:04	12.72	46.46	30.13	7.87	8.11	4.2	2.425	89.6	2.3	1.6	0.5
371	11/24/2014 07:01:05	12.70	46.50	30.16	7.69	8.11	4.0	2.466	87.6	2.5	1.8	0.6
372	11/24/2014 07:16:04	12.74	46.57	30.20	8.03	8.11	4.3	2.493	91.5	2.5	1.8	0.6
373	11/24/2014 07:31:04	12.71	46.56	30.19	8.06	8.11	4.6	2.562	91.8	2.2	1.6	0.5
374	11/24/2014 07:46:04	12.50	46.19	29.92	8.02	8.10	5.6	2.631	90.8	2.6	1.8	0.6
375	11/24/2014 08:01:04	12.52	46.21	29.94	7.87	8.10	5.3	2.694	89.1	1.9	1.3	0.5
376	11/24/2014 08:16:04	12.70	46.55	30.19	8.02	8.12	5.6	2.772	91.3	2.6	1.8	0.6
377	11/24/2014 08:31:04	12.87	46.95	30.48	7.75	8.13	5.3	2.846	88.7	2.2	1.6	0.5
378	11/24/2014 08:46:04	13.05	47.33	30.76	8.11	8.16	5.2	2.936	93.3	1.9	1.3	0.5
379	11/24/2014 09:01:04	13.17	47.55	30.93	8.01	8.17	5.4	3.029	92.5	2.1	1.5	0.5
380	11/24/2014 09:16:04	13.29	47.71	31.05	8.36	8.18	5.2	3.121	96.9	1.7	1.2	0.4
381	11/24/2014 09:31:04	13.35	47.81	31.12	7.74	8.19	6.4	3.216	89.8	2.3	1.6	0.5
382	11/24/2014 09:46:04	13.43	47.97	31.24	8.30	8.20	7.0	3.297	96.5	2.4	1.7	0.6
383	11/24/2014 10:01:04	13.58	48.21	31.42	8.13	8.21	6.8	3.407	94.9	1.8	1.3	0.4
384	11/24/2014 10:16:04	13.66	48.32	31.50	8.10	8.22	8.4	3.489	94.9	2.1	1.5	0.5
385	11/24/2014 10:31:04	13.82	48.55	31.67	8.15	8.24	10.4	3.582	95.8	2.4	1.7	0.6
386	11/24/2014 10:46:04	13.97	48.80	31.86	8.47	8.26	9.1	3.685	100.1	2.7	1.9	0.6
387	11/24/2014 11:01:04	14.05	48.96	31.98	7.82	8.27	9.5	3.762	92.5	1.9	1.3	0.4
388	11/24/2014 11:16:04	14.11	49.02	32.02	8.26	8.27	9.4	3.845	97.9	1.8	1.3	0.4
389	11/24/2014 11:31:04	14.15	49.15	32.12	8.24	8.27	9.0	3.917	97.8	1.5	1.1	0.3
390	11/24/2014 11:46:04	14.20	49.24	32.19	8.05	8.28	7.0	3.982	95.7	2.5	1.8	0.6
391	11/24/2014 12:01:04	14.23	49.27	32.21	8.13	8.28	5.6	4.000	96.7	2.0	1.4	0.5
392	11/24/2014 12:16:04	14.24	49.32	32.24	8.26	8.28	4.2	4.040	98.3	1.9	1.3	0.5
393	11/24/2014 12:31:04	14.10	49.09	32.07	7.99	8.27	3.8	4.050	94.7	2.1	1.5	0.5
394	11/24/2014 12:46:04	14.17	49.26	32.20	8.08	8.27	4.7	4.025	96.0	1.8	1.3	0.4
395	11/24/2014 13:01:04	14.20	49.30	32.23	8.10	8.27	5.0	3.982	96.3	2.1	1.5	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.71)	Fluorescence %FS
396	11/24/2014 13:16:04	14.21	49.30	32.23	8.04		8.27	5.8	3.927	95.6	1.6	1.1	0.4
397	11/24/2014 13:31:04	14.12	48.96	31.98	8.39		8.26	12.7	3.849	99.5	2.0	1.4	0.5
398	11/24/2014 13:46:04	14.22	48.96	31.98	8.28		8.27	4.8	3.757	98.4	2.3	1.6	0.5
399	11/24/2014 14:01:04	14.08	48.68	31.77	7.75		8.25	4.4	3.638	91.7	2.2	1.6	0.5
400	11/24/2014 14:16:04	13.88	48.31	31.50	8.34		8.23	6.2	3.529	98.1	2.2	1.6	0.5
401	11/24/2014 14:31:05	13.90	48.34	31.52	8.21		8.23	5.9	3.407	96.6	2.4	1.7	0.6
402	11/24/2014 14:46:04	13.88	48.35	31.53	8.30		8.23	4.7	3.291	97.6	2.0	1.4	0.5
403	11/24/2014 15:01:04	13.78	48.13	31.37	8.41		8.22	4.6	3.159	98.6	2.8	2.0	0.7
404	11/24/2014 15:16:04	13.68	47.93	31.22	8.19		8.21	3.9	3.036	95.8	2.0	1.4	0.5
405	11/24/2014 15:31:04	13.55	47.65	31.01	8.37		8.20	5.2	2.906	97.4	2.3	1.6	0.5
406	11/24/2014 15:46:04	13.64	47.82	31.14	8.41		8.21	5.4	2.748	98.2	2.4	1.7	0.6
407	11/24/2014 16:01:04	13.67	47.93	31.22	8.44		8.22	5.4	2.624	98.7	2.7	1.9	0.6
408	11/24/2014 16:16:05	13.53	47.62	30.99	8.32		8.20	6.9	2.461	96.9	2.5	1.8	0.6
409	11/24/2014 16:31:04	13.37	47.20	30.68	8.50		8.19	8.4	2.319	98.5	3.0	2.1	0.7
410	11/24/2014 16:46:05	13.33	47.09	30.60	8.59		8.18	6.1	2.195	99.3	2.9	2.1	0.7
411	11/24/2014 17:01:05	13.32	47.19	30.68	8.41		8.18	6.2	2.039	97.3	2.6	1.8	0.6
412	11/24/2014 17:16:04	13.19	46.90	30.46	8.68		8.17	6.6	1.876	100.0	2.8	2.0	0.7
413	11/24/2014 17:31:05	13.15	46.91	30.46	8.54		8.17	7.5	1.729	98.3	3.1	2.2	0.7
414	11/24/2014 17:46:04	13.04	46.58	30.22	8.49		8.15	6.4	1.571	97.4	3.3	2.3	0.8
415	11/24/2014 18:01:04	13.00	46.48	30.15	8.45		8.15	6.1	1.436	96.8	3.4	2.4	0.8
416	11/24/2014 18:16:04	12.95	46.35	30.06	8.30		8.15	6.3	1.314	94.9	3.2	2.3	0.8
417	11/24/2014 18:31:04	12.76	46.00	29.80	8.50		8.14	6.2	1.226	96.7	3.5	2.5	0.8
418	11/24/2014 18:46:04	12.60	45.80	29.64	8.50		8.12	5.8	1.142	96.2	3.7	2.6	0.9
419	11/24/2014 19:01:05	12.53	45.66	29.54	8.28		8.11	5.1	1.124	93.5	3.4	2.4	0.8
420	11/24/2014 19:16:04	12.59	45.80	29.65	8.41		8.12	5.0	1.145	95.2	2.9	2.1	0.7
421	11/24/2014 19:31:04	12.62	45.81	29.66	8.42		8.13	4.8	1.176	95.3	3.4	2.4	0.8
422	11/24/2014 19:46:04	12.59	45.75	29.61	8.48		8.13	4.5	1.252	96.0	2.7	1.9	0.6
423	11/24/2014 20:01:05	12.61	45.75	29.61	8.28		8.12	4.7	1.350	93.7	2.3	1.6	0.5
424	11/24/2014 20:16:05	12.55	45.27	29.26	8.59		8.12	5.0	1.449	96.9	2.7	1.9	0.6
425	11/24/2014 20:31:05	12.61	45.00	29.07	8.45		8.11	5.4	1.534	95.4	3.3	2.3	0.8
426	11/24/2014 20:46:04	12.64	44.76	28.90	8.37		8.11	5.9	1.609	94.3	2.9	2.1	0.7
427	11/24/2014 21:01:04	12.71	45.00	29.08	8.69		8.12	5.1	1.729	98.2	3.3	2.3	0.8
428	11/24/2014 21:16:04	12.74	44.97	29.06	8.40		8.12	5.4	1.788	95.0	3.2	2.3	0.8
429	11/24/2014 21:31:04	12.82	45.54	29.47	8.31		8.13	5.1	1.884	94.4	3.0	2.1	0.7
430	11/24/2014 21:46:04	12.81	45.14	29.18	8.29		8.13	5.2	1.979	94.0	2.8	2.0	0.7
431	11/24/2014 22:01:04	13.00	45.95	29.77	8.17		8.14	5.1	2.086	93.3	2.7	1.9	0.6
432	11/24/2014 22:16:04	13.13	46.47	30.15	8.23		8.15	5.4	2.206	94.5	2.4	1.7	0.6
433	11/24/2014 22:31:04	13.19	46.65	30.28	8.13		8.14	5.8	2.305	93.5	2.6	1.8	0.6
434	11/24/2014 22:46:04	13.16	46.63	30.26	8.39		8.14	6.0	2.444	96.4	2.6	1.8	0.6
435	11/24/2014 23:01:04	13.15	46.65	30.28	8.16		8.14	6.4	2.546	93.8	2.8	2.0	0.7
436	11/24/2014 23:16:04	13.16	46.77	30.37	8.30		8.15	6.9	2.639	95.6	2.4	1.7	0.6
437	11/24/2014 23:31:04	13.25	46.94	30.49	8.06		8.16	7.5	2.758	93.0	2.2	1.6	0.5
438	11/24/2014 23:46:04	13.29	47.08	30.59	8.25		8.17	7.8	2.844	95.3	2.8	2.0	0.7
439	11/25/2014 00:01:04	13.36	47.29	30.74	8.24		8.18	9.6	2.942	95.4	2.8	2.0	0.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+ NTU	Depth meters	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
			mS/cm		mg/L	pH				ug/L	(Corrected ratio = 0.71)	%FS
440	11/25/2014 00:16:04	13.43	47.49	30.89	8.04	8.19	10.9	3.022	93.3	3.0	2.1	0.7
441	11/25/2014 00:31:04	13.57	47.77	31.10	8.35	8.21	9.9	3.106	97.3	2.4	1.7	0.6
442	11/25/2014 00:46:05	13.71	48.12	31.35	8.35	8.23	10.5	3.190	97.7	3.1	2.2	0.7
443	11/25/2014 01:01:04	13.77	48.26	31.46	8.29	8.23	10.2	3.262	97.2	2.4	1.7	0.6
444	11/25/2014 01:16:04	13.85	48.46	31.61	8.20	8.24	9.2	3.333	96.4	2.2	1.6	0.5
445	11/25/2014 01:31:05	13.90	48.59	31.71	8.38	8.25	8.7	3.390	98.8	2.8	2.0	0.7
446	11/25/2014 01:46:04	13.94	48.66	31.76	8.22	8.26	7.1	3.445	97.0	2.3	1.6	0.5
447	11/25/2014 02:01:04	13.96	48.70	31.79	8.15	8.26	4.8	3.484	96.2	2.4	1.7	0.6
448	11/25/2014 02:16:04	13.88	48.76	31.83	8.11	8.26	4.4	3.503	95.6	2.5	1.8	0.6
449	11/25/2014 02:31:05	13.91	48.62	31.73	8.17	8.25	4.7	3.493	96.3	2.1	1.5	0.5
450	11/25/2014 02:46:04	13.95	48.70	31.79	8.10	8.26	5.0	3.457	95.6	2.6	1.8	0.6
451	11/25/2014 03:01:04	13.76	48.40	31.57	8.00	8.24	6.0	3.428	93.9	2.4	1.7	0.6
452	11/25/2014 03:16:04	13.55	48.04	31.30	8.28	8.22	6.6	3.356	96.6	2.6	1.8	0.6
453	11/25/2014 03:31:04	13.35	47.94	31.22	8.03	8.21	5.4	3.278	93.2	2.6	1.8	0.6
454	11/25/2014 03:46:05	13.51	48.13	31.36	8.01	8.22	5.8	3.202	93.4	2.2	1.6	0.5
455	11/25/2014 04:01:04	13.28	47.69	31.03	7.88	8.19	5.4	3.123	91.2	2.1	1.5	0.5
456	11/25/2014 04:16:05	13.27	47.54	30.92	7.76	8.18	5.4	3.035	89.8	2.3	1.6	0.6
457	11/25/2014 04:31:05	13.21	47.42	30.84	7.90	8.18	5.2	2.963	91.3	2.4	1.7	0.6
458	11/25/2014 04:46:04	13.04	47.17	30.65	7.70	8.16	4.8	2.879	88.5	2.6	1.8	0.6
459	11/25/2014 05:01:04	12.94	47.02	30.54	7.70	8.15	4.9	2.800	88.3	2.7	1.9	0.6
460	11/25/2014 05:16:04	12.93	47.12	30.60	7.67	8.15	4.2	2.728	88.0	2.5	1.8	0.6
461	11/25/2014 05:31:04	12.88	47.09	30.59	7.64	8.15	4.9	2.674	87.5	2.4	1.7	0.6
462	11/25/2014 05:46:04	12.84	46.92	30.46	7.82	8.15	4.3	2.615	89.4	2.3	1.6	0.5
463	11/25/2014 06:01:04	12.68	46.50	30.15	7.83	8.14	3.9	2.568	89.0	3.0	2.1	0.7
464	11/25/2014 06:16:04	12.66	45.69	29.57	7.71	8.13	3.6	2.526	87.4	2.5	1.8	0.6
465	11/25/2014 06:31:04	12.59	46.36	30.05	7.82	8.13	3.6	2.478	88.7	2.6	1.8	0.6
466	11/25/2014 06:46:05	12.56	46.38	30.06	7.92	8.12	3.6	2.464	89.9	2.6	1.8	0.6
467	11/25/2014 07:01:05	12.49	45.35	29.32	7.59	8.11	3.7	2.439	85.6	2.5	1.8	0.6
468	11/25/2014 07:16:05	12.56	45.25	29.25	7.65	8.12	3.1	2.425	86.4	2.4	1.7	0.6
469	11/25/2014 07:31:05	12.66	45.54	29.46	7.69	8.13	3.7	2.457	87.1	2.6	1.8	0.6
470	11/25/2014 07:46:05	12.71	45.42	29.38	7.78	8.13	3.7	2.486	88.2	2.5	1.8	0.6
471	11/25/2014 08:01:05	12.69	45.95	29.76	7.87	8.13	3.9	2.517	89.3	2.0	1.4	0.5
472	11/25/2014 08:16:05	12.68	44.62	28.81	7.88	8.13	3.9	2.580	88.9	2.1	1.5	0.5
473	11/25/2014 08:31:05	12.63	43.88	28.27	7.74	8.13	4.7	2.652	86.9	2.5	1.8	0.6
474	11/25/2014 08:46:05	12.61	44.26	28.54	8.04	8.13	4.9	2.716	90.4	2.5	1.8	0.6
475	11/25/2014 09:01:04	12.78	44.44	28.68	7.90	8.14	5.2	2.779	89.3	2.4	1.7	0.6
476	11/25/2014 09:16:04	12.97	44.24	28.54	7.94	8.16	4.4	2.862	89.9	2.1	1.5	0.5
477	11/25/2014 09:31:04	13.14	44.65	28.84	8.06	8.18	4.7	2.942	91.8	2.3	1.6	0.6
478	11/25/2014 09:46:04	13.27	44.49	28.73	8.28	8.19	4.9	3.034	94.5	2.4	1.7	0.6
479	11/25/2014 10:01:05	13.41	44.70	28.88	8.22	8.20	4.7	3.101	94.2	2.6	1.8	0.6
480	11/25/2014 10:16:05	13.48	46.69	30.32	8.18	8.21	5.1	3.187	94.8	2.3	1.6	0.6
481	11/25/2014 10:31:05	13.55	46.41	30.12	8.26	8.22	5.8	3.286	95.6	2.1	1.5	0.5
482	11/25/2014 10:46:05	13.66	45.99	29.82	8.24	8.23	6.4	3.364	95.4	1.8	1.3	0.4
483	11/25/2014 11:01:04	13.75	45.54	29.49	8.70	8.24	6.3	3.457	100.8	2.3	1.6	0.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+ NTU	Depth meters	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
			mS/cm		mg/L	pH				ug/L	(Corrected ratio = 0.71)	%FS
484	11/25/2014 11:16:04	13.84	46.91	30.49	8.23	8.25	7.0	3.545	96.1	1.8	1.3	0.4
485	11/25/2014 11:31:04	13.91	46.76	30.38	8.11	8.26	7.3	3.624	94.8	1.9	1.3	0.4
486	11/25/2014 11:46:05	13.98	47.15	30.66	8.19	8.27	7.4	3.712	96.1	1.8	1.3	0.4
487	11/25/2014 12:01:05	14.00	46.32	30.07	8.09	8.28	6.7	3.774	94.6	2.3	1.6	0.5
488	11/25/2014 12:16:04	14.01	46.29	30.04	8.13	8.28	6.1	3.844	95.1	2.3	1.6	0.5
489	11/25/2014 12:31:04	14.02	46.22	30.00	8.05	8.28	5.6	3.901	94.1	2.2	1.6	0.5
490	11/25/2014 12:46:04	14.04	46.35	30.08	8.05	8.28	4.5	3.948	94.1	2.1	1.5	0.5
491	11/25/2014 13:01:04	14.05	46.35	30.09	8.00	8.28	3.1	3.961	93.5	1.6	1.1	0.4
492	11/25/2014 13:16:05	14.02	46.72	30.35	7.98	8.27	3.6	3.976	93.4	2.0	1.4	0.5
493	11/25/2014 13:31:04	14.03	47.10	30.63	7.93	8.28	4.3	3.957	93.1	2.0	1.4	0.5
494	11/25/2014 13:46:05	14.04	47.27	30.75	8.03	8.28	4.4	3.909	94.3	1.7	1.2	0.4
495	11/25/2014 14:01:04	14.06	46.98	30.54	7.98	8.28	4.5	3.856	93.6	1.7	1.2	0.4
496	11/25/2014 14:16:04	14.19	46.52	30.21	8.17	8.28	6.1	3.775	96.0	2.5	1.8	0.6
497	11/25/2014 14:31:04	14.23	46.93	30.51	8.16	8.28	4.2	3.671	96.1	1.6	1.1	0.4
498	11/25/2014 14:46:04	14.13	46.83	30.44	8.32	8.26	3.8	3.557	97.7	2.2	1.6	0.5
499	11/25/2014 15:01:04	13.95	45.65	29.58	8.12	8.25	5.4	3.464	94.5	2.6	1.8	0.6
500	11/25/2014 15:16:04	13.94	45.91	29.77	8.44	8.25	4.3	3.358	98.4	2.2	1.6	0.5
501	11/25/2014 15:31:04	13.91	45.64	29.58	8.23	8.25	3.9	3.233	95.7	2.0	1.4	0.5
502	11/25/2014 15:46:04	13.88	47.50	30.92	8.39	8.25	4.0	3.110	98.3	2.9	2.1	0.7
503	11/25/2014 16:01:04	13.74	46.08	29.88	8.43	8.24	3.9	2.988	97.9	1.8	1.3	0.4
504	11/25/2014 16:16:04	13.75	46.62	30.28	8.48	8.24	4.4	2.867	98.7	2.3	1.6	0.5
505	11/25/2014 16:31:04	13.76	46.65	30.30	8.47	8.24	4.6	2.714	98.7	2.8	2.0	0.7
506	11/25/2014 16:46:04	13.73	46.70	30.33	8.24	8.24	4.6	2.587	95.9	2.2	1.6	0.5
507	11/25/2014 17:01:04	13.53	46.18	29.95	8.44	8.21	7.3	2.439	97.6	2.8	2.0	0.7
508	11/25/2014 17:16:04	13.51	46.18	29.95	8.51	8.21	6.1	2.294	98.4	2.5	1.8	0.6
509	11/25/2014 17:31:04	13.47	46.16	29.93	8.26	8.21	5.9	2.155	95.4	3.2	2.3	0.8
510	11/25/2014 17:46:04	13.40	45.96	29.79	8.49	8.20	7.1	1.987	97.8	2.9	2.1	0.7
511	11/25/2014 18:01:04	13.30	45.84	29.70	8.59	8.19	8.6	1.836	98.7	3.0	2.1	0.7
512	11/25/2014 18:16:04	13.25	45.61	29.53	8.38	8.19	8.4	1.702	96.0	3.5	2.5	0.8
513	11/25/2014 18:31:04	13.19	45.42	29.39	8.55	8.18	7.0	1.568	97.9	3.1	2.2	0.7
514	11/25/2014 18:46:04	13.10	45.25	29.27	8.51	8.18	6.1	1.428	97.2	3.3	2.3	0.8
515	11/25/2014 19:01:04	13.05	44.99	29.08	8.32	8.17	6.2	1.305	94.8	3.4	2.4	0.8
516	11/25/2014 19:16:04	13.02	44.97	29.06	8.68	8.17	6.4	1.209	98.8	3.8	2.7	0.9
517	11/25/2014 19:31:05	12.95	44.74	28.90	8.47	8.17	6.0	1.143	96.2	4.0	2.8	0.9
518	11/25/2014 19:46:04	12.93	44.73	28.89	8.40	8.17	5.5	1.136	95.3	4.6	3.3	1.1
519	11/25/2014 20:01:05	12.88	44.55	28.76	8.45	8.16	4.6	1.145	95.7	3.2	2.3	0.7
520	11/25/2014 20:16:04	12.86	43.74	28.18	8.72	8.16	4.4	1.210	98.4	3.0	2.1	0.7
521	11/25/2014 20:31:04	12.83	43.89	28.29	8.49	8.16	4.8	1.295	95.8	2.7	1.9	0.6
522	11/25/2014 20:46:04	12.82	43.97	28.34	8.55	8.16	5.1	1.380	96.5	3.0	2.1	0.7
523	11/25/2014 21:01:05	12.84	42.56	27.34	8.48	8.16	4.8	1.473	95.1	3.1	2.2	0.7
524	11/25/2014 21:16:04	12.74	42.00	26.94	8.46	8.13	5.6	1.534	94.4	2.9	2.1	0.7
525	11/25/2014 21:31:04	12.87	42.00	26.94	8.49	8.15	5.0	1.619	95.1	3.1	2.2	0.7
526	11/25/2014 21:46:05	12.91	42.30	27.16	8.64	8.15	5.3	1.714	96.9	2.9	2.1	0.7
527	11/25/2014 22:01:05	12.95	42.72	27.46	8.51	8.15	5.1	1.787	95.8	3.7	2.6	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.71)	Fluorescence %FS
528	11/25/2014 22:16:05	12.95	42.43	27.25	8.51	8.15	5.0	1.886	95.7	2.4	1.7	0.6
529	11/25/2014 22:31:05	13.06	42.80	27.52	8.36	8.16	5.2	1.991	94.3	3.1	2.2	0.7
530	11/25/2014 22:46:04	13.19	45.97	29.79	8.23	8.17	5.1	2.088	94.4	2.8	2.0	0.7
531	11/25/2014 23:01:04	13.28	45.20	29.24	8.20	8.17	5.3	2.188	94.0	3.3	2.3	0.8
532	11/25/2014 23:16:05	13.34	45.52	29.47	8.34	8.17	5.8	2.302	95.8	2.8	2.0	0.7
533	11/25/2014 23:31:04	13.35	45.71	29.61	8.29	8.17	6.2	2.414	95.4	2.9	2.1	0.7
534	11/25/2014 23:46:05	13.35	45.40	29.38	8.27	8.17	6.3	2.526	95.0	2.2	1.6	0.5
535	11/26/2014 00:01:05	13.34	46.75	30.35	8.07	8.18	6.0	2.632	93.2	2.2	1.6	0.5
536	11/26/2014 00:16:05	13.42	46.65	30.29	8.15	8.19	7.3	2.731	94.3	2.1	1.5	0.5
537	11/26/2014 00:31:05	13.48	46.84	30.43	7.91	8.19	7.2	2.829	91.6	2.5	1.8	0.6
538	11/26/2014 00:46:04	13.54	46.89	30.46	8.15	8.20	8.4	2.920	94.6	2.2	1.6	0.5
539	11/26/2014 01:01:05	13.61	47.30	30.76	8.24	8.21	9.3	3.006	95.9	2.6	1.8	0.6
540	11/26/2014 01:16:04	13.75	47.58	30.96	7.89	8.23	9.8	3.100	92.2	2.7	1.9	0.6
541	11/26/2014 01:31:04	13.84	47.44	30.87	8.03	8.25	9.5	3.180	94.0	2.5	1.8	0.6
542	11/26/2014 01:46:04	13.87	47.62	31.00	7.98	8.25	8.5	3.266	93.6	2.6	1.8	0.6
543	11/26/2014 02:01:05	13.88	47.33	30.79	8.11	8.25	11.4	3.350	95.0	2.4	1.7	0.6
544	11/26/2014 02:16:04	13.89	47.58	30.97	8.00	8.25	9.0	3.412	93.8	2.3	1.6	0.6
545	11/26/2014 02:31:05	13.92	47.70	31.06	8.01	8.26	8.7	3.472	94.0	2.2	1.6	0.5
546	11/26/2014 02:46:04	13.93	47.69	31.05	7.98	8.26	6.8	3.494	93.7	2.1	1.5	0.5
547	11/26/2014 03:01:05	13.93	46.16	29.95	7.91	8.26	3.6	3.523	92.3	1.9	1.3	0.5
548	11/26/2014 03:16:04	13.88	46.55	30.23	7.87	8.26	4.5	3.530	91.8	2.1	1.5	0.5
549	11/26/2014 03:31:05	13.93	46.97	30.53	7.89	8.26	4.8	3.498	92.4	1.7	1.2	0.4
550	11/26/2014 03:46:04	13.87	46.82	30.43	7.91	8.26	5.7	3.445	92.4	2.2	1.6	0.5
551	11/26/2014 04:01:04	13.59	46.41	30.12	7.82	8.23	6.3	3.386	90.6	2.3	1.6	0.5
552	11/26/2014 04:16:05	13.39	46.32	30.04	7.79	8.21	5.6	3.311	89.8	2.4	1.7	0.6
553	11/26/2014 04:31:05	13.61	46.04	29.85	7.94	8.23	4.7	3.225	91.9	2.4	1.7	0.6
554	11/26/2014 04:46:04	13.44	45.40	29.39	7.94	8.21	5.3	3.142	91.3	2.5	1.8	0.6
555	11/26/2014 05:01:05	13.52	45.08	29.16	8.00	8.22	5.6	3.070	92.0	2.2	1.6	0.5
556	11/26/2014 05:16:04	13.46	44.85	28.99	7.97	8.21	5.0	2.989	91.5	2.1	1.5	0.5
557	11/26/2014 05:31:05	13.38	44.76	28.92	7.83	8.20	4.5	2.916	89.7	2.6	1.8	0.6
558	11/26/2014 05:46:05	13.21	44.42	28.68	7.74	8.18	4.2	2.842	88.3	2.6	1.8	0.6
559	11/26/2014 06:01:04	13.13	43.90	28.30	7.79	8.17	4.3	2.779	88.5	2.6	1.8	0.6
560	11/26/2014 06:16:04	13.13	44.05	28.41	7.78	8.17	3.9	2.713	88.3	2.8	2.0	0.7
561	11/26/2014 06:31:04	13.12	44.27	28.57	7.86	8.17	3.8	2.642	89.3	2.0	1.4	0.5
562	11/26/2014 06:46:04	13.11	45.50	29.45	7.77	8.18	3.7	2.582	88.8	2.1	1.5	0.5
563	11/26/2014 07:01:04	12.96	44.45	28.69	7.76	8.17	3.7	2.542	88.0	2.6	1.8	0.6
564	11/26/2014 07:16:04	12.89	43.40	27.94	7.80	8.15	3.5	2.491	87.9	2.1	1.5	0.5
565	11/26/2014 07:31:04	12.83	43.45	27.97	7.88	8.15	3.2	2.464	88.7	2.8	2.0	0.7
566	11/26/2014 07:46:04	12.78	43.25	27.83	7.70	8.15	3.2	2.444	86.5	2.4	1.7	0.6
567	11/26/2014 08:01:04	12.76	43.09	27.72	7.86	8.14	3.4	2.425	88.2	2.7	1.9	0.6
568	11/26/2014 08:16:04	12.84	43.61	28.08	7.81	8.15	3.2	2.438	88.0	2.5	1.8	0.6
569	11/26/2014 08:31:05	12.94	43.67	28.13	7.81	8.15	3.5	2.448	88.2	1.6	1.1	0.4
570	11/26/2014 08:46:04	12.91	43.67	28.13	7.74	8.15	3.8	2.484	87.4	2.0	1.4	0.5
571	11/26/2014 09:01:05	12.89	43.54	28.04	7.72	8.15	4.5	2.529	87.0	2.9	2.1	0.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+ NTU	Depth meters	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
			mS/cm		mg/L	pH				ug/L	(Corrected ratio = 0.71)	%FS
572	11/26/2014 09:16:04	12.97	43.42	27.95	7.81	8.16	4.2	2.592	88.2	1.9	1.3	0.4
573	11/26/2014 09:31:04	12.85	43.17	27.77	8.06	8.15	4.7	2.648	90.7	2.6	1.8	0.6
574	11/26/2014 09:46:05	12.94	43.36	27.91	7.85	8.16	4.5	2.722	88.6	2.3	1.6	0.5
575	11/26/2014 10:01:04	13.04	43.54	28.05	7.83	8.17	4.1	2.799	88.6	2.2	1.6	0.5
576	11/26/2014 10:16:04	13.22	43.80	28.24	7.88	8.19	4.2	2.873	89.6	2.1	1.5	0.5
577	11/26/2014 10:31:05	13.36	44.04	28.41	8.03	8.20	4.3	2.952	91.6	2.1	1.5	0.5
578	11/26/2014 10:46:04	13.49	44.26	28.57	7.90	8.21	4.2	3.023	90.6	2.0	1.4	0.5
579	11/26/2014 11:01:05	13.58	44.46	28.71	8.07	8.22	4.3	3.107	92.7	1.9	1.3	0.5
580	11/26/2014 11:16:04	13.63	44.58	28.80	7.78	8.22	4.3	3.188	89.6	1.9	1.3	0.4
581	11/26/2014 11:31:05	13.71	44.77	28.94	8.06	8.23	5.8	3.268	92.9	1.8	1.3	0.4
582	11/26/2014 11:46:04	13.77	44.76	28.94	8.00	8.24	5.7	3.349	92.4	1.9	1.3	0.4
583	11/26/2014 12:01:04	13.82	44.95	29.07	7.93	8.25	5.3	3.435	91.7	2.0	1.4	0.5
584	11/26/2014 12:16:05	13.87	45.17	29.23	7.86	8.26	6.2	3.513	91.1	2.0	1.4	0.5
585	11/26/2014 12:31:04	13.94	45.36	29.37	7.88	8.27	5.6	3.589	91.5	2.0	1.4	0.5
586	11/26/2014 12:46:04	13.96	45.46	29.44	7.98	8.27	5.8	3.663	92.8	1.8	1.3	0.4
587	11/26/2014 13:01:04	13.97	45.52	29.49	7.82	8.27	4.3	3.726	90.9	2.0	1.4	0.5
588	11/26/2014 13:16:04	13.97	47.87	31.19	7.84	8.28	4.2	3.774	92.2	1.6	1.1	0.4
589	11/26/2014 13:31:04	13.98	47.76	31.11	7.63	8.28	5.0	3.816	89.7	1.8	1.3	0.4
590	11/26/2014 13:46:04	13.98	47.73	31.08	7.67	8.28	2.9	3.843	90.1	1.5	1.1	0.4
591	11/26/2014 14:01:04	13.98	47.83	31.15	7.62	8.28	2.9	3.854	89.6	1.4	1.0	0.3
592	11/26/2014 14:16:04	13.98	47.51	30.92	7.53	8.27	3.7	3.846	88.4	2.0	1.4	0.5
593	11/26/2014 14:31:04	13.99	48.32	31.51	7.56	8.28	3.3	3.812	89.1	2.1	1.5	0.5
594	11/26/2014 14:46:04	13.99	48.19	31.42	7.61	8.28	4.3	3.758	89.7	1.7	1.2	0.4
595	11/26/2014 15:01:04	14.02	47.86	31.18	7.64	8.27	3.7	3.691	89.9	2.1	1.5	0.5
596	11/26/2014 15:16:04	13.98	47.72	31.07	8.00	8.27	3.6	3.602	94.0	2.7	1.9	0.6
597	11/26/2014 15:31:04	13.92	47.36	30.81	7.84	8.26	3.2	3.499	91.9	2.6	1.8	0.6
598	11/26/2014 15:46:04	13.90	47.26	30.74	7.71	8.25	3.2	3.402	90.3	2.4	1.7	0.6
599	11/26/2014 16:01:05	13.86	47.13	30.65	7.86	8.25	4.1	3.298	92.0	2.3	1.6	0.5
600	11/26/2014 16:16:05	13.82	47.21	30.70	8.00	8.25	3.5	3.192	93.5	2.8	2.0	0.7
601	11/26/2014 16:31:04	13.79	47.03	30.57	7.92	8.24	3.2	3.077	92.4	2.0	1.4	0.5
602	11/26/2014 16:46:04	13.74	46.88	30.46	7.98	8.24	3.0	2.965	93.0	1.9	1.3	0.4
603	11/26/2014 17:01:05	13.68	46.68	30.31	7.83	8.23	3.4	2.853	91.0	2.1	1.5	0.5
604	11/26/2014 17:16:04	13.68	46.72	30.34	7.96	8.23	4.8	2.717	92.6	3.2	2.3	0.8
605	11/26/2014 17:31:04	13.62	46.57	30.23	7.91	8.22	4.6	2.612	91.8	2.7	1.9	0.6
606	11/26/2014 17:46:04	13.61	46.62	30.27	7.83	8.22	5.0	2.476	90.9	2.7	1.9	0.6
607	11/26/2014 18:01:04	13.59	46.62	30.27	7.92	8.22	4.8	2.339	91.9	2.5	1.8	0.6
608	11/26/2014 18:16:04	13.52	46.48	30.17	8.17	8.22	5.6	2.201	94.5	2.6	1.8	0.6
609	11/26/2014 18:31:04	13.49	46.41	30.12	7.92	8.21	6.1	2.071	91.6	2.8	2.0	0.7
610	11/26/2014 18:46:04	13.40	45.77	29.66	7.87	8.20	6.5	1.938	90.6	3.3	2.3	0.8
611	11/26/2014 19:01:05	13.33	46.04	29.84	7.96	8.20	7.2	1.796	91.6	3.5	2.5	0.8
612	11/26/2014 19:16:05	13.27	45.68	29.58	8.22	8.20	6.9	1.665	94.4	3.6	2.6	0.9
613	11/26/2014 19:31:05	13.23	44.17	28.50	8.21	8.19	6.5	1.559	93.5	2.8	2.0	0.7
614	11/26/2014 19:46:05	13.17	43.61	28.09	8.27	8.19	5.4	1.452	93.9	3.2	2.3	0.8
615	11/26/2014 20:01:04	13.07	43.58	28.07	8.31	8.18	5.2	1.378	94.1	3.3	2.3	0.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+ NTU	Depth meters	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
			mS/cm		mg/L	pH				ug/L	(Corrected ratio = 0.71)	%FS
616	11/26/2014 20:16:04	13.09	43.62	28.10	8.25	8.18	5.1	1.312	93.4	3.6	2.6	0.8
617	11/26/2014 20:31:04	12.91	43.42	27.96	8.41	8.17	4.3	1.281	94.8	3.0	2.1	0.7
618	11/26/2014 20:46:05	12.99	43.57	28.06	8.18	8.17	4.3	1.292	92.5	2.4	1.7	0.6
619	11/26/2014 21:01:05	12.95	43.26	27.84	8.27	8.17	3.9	1.310	93.2	3.0	2.1	0.7
620	11/26/2014 21:16:05	13.02	43.10	27.73	8.27	8.18	3.9	1.383	93.3	3.0	2.1	0.7
621	11/26/2014 21:31:04	12.99	43.12	27.74	8.35	8.18	4.2	1.445	94.2	2.9	2.1	0.7
622	11/26/2014 21:46:04	13.01	42.89	27.58	8.42	8.18	3.9	1.538	95.0	3.0	2.1	0.7
623	11/26/2014 22:01:04	13.01	42.72	27.46	8.26	8.18	4.4	1.623	93.0	2.5	1.8	0.6
624	11/26/2014 22:16:05	13.03	43.02	27.67	8.30	8.17	4.4	1.697	93.7	3.2	2.3	0.8
625	11/26/2014 22:31:05	13.06	42.61	27.38	8.37	8.17	4.7	1.793	94.4	2.7	1.9	0.6
626	11/26/2014 22:46:05	13.07	42.61	27.38	8.38	8.17	4.2	1.884	94.4	3.0	2.1	0.7
627	11/26/2014 23:01:04	13.12	42.78	27.50	8.22	8.18	4.5	1.963	92.8	3.0	2.1	0.7
628	11/26/2014 23:16:04	13.15	43.04	27.69	8.36	8.18	4.4	2.061	94.6	2.5	1.8	0.6
629	11/26/2014 23:31:04	13.26	43.38	27.94	8.10	8.19	4.5	2.162	92.0	2.8	2.0	0.7
630	11/26/2014 23:46:05	13.29	43.41	27.96	8.33	8.18	4.7	2.254	94.6	2.6	1.8	0.6
631	11/27/2014 00:01:04	13.34	43.24	27.84	8.17	8.18	5.1	2.363	92.9	2.6	1.8	0.6
632	11/27/2014 00:16:04	13.43	43.73	28.19	8.16	8.19	5.3	2.468	93.1	2.1	1.5	0.5
633	11/27/2014 00:31:04	13.44	43.84	28.27	7.92	8.19	5.4	2.563	90.5	2.4	1.7	0.6
634	11/27/2014 00:46:05	13.46	43.99	28.38	7.78	8.19	5.4	2.665	89.0	2.5	1.8	0.6
635	11/27/2014 01:01:05	13.51	44.15	28.49	7.95	8.20	6.4	2.764	91.1	2.5	1.8	0.6
636	11/27/2014 01:16:05	13.55	44.35	28.64	7.87	8.20	6.4	2.858	90.3	3.0	2.1	0.7
637	11/27/2014 01:31:05	13.59	44.46	28.71	7.92	8.21	7.5	2.947	91.0	2.4	1.7	0.6
638	11/27/2014 01:46:04	13.64	44.57	28.80	8.01	8.22	7.2	3.034	92.2	1.9	1.3	0.4
639	11/27/2014 02:01:05	13.74	44.93	29.06	7.83	8.23	7.7	3.133	90.4	2.2	1.6	0.5
640	11/27/2014 02:16:05	13.80	45.23	29.27	7.87	8.24	7.1	3.217	91.2	2.6	1.8	0.6
641	11/27/2014 02:31:04	13.83	45.34	29.36	7.87	8.25	7.7	3.290	91.3	2.4	1.7	0.6
642	11/27/2014 02:46:05	13.84	45.53	29.49	7.80	8.25	8.1	3.366	90.5	2.1	1.5	0.5
643	11/27/2014 03:01:04	13.84	45.57	29.52	7.68	8.25	7.4	3.447	89.2	2.4	1.7	0.6
644	11/27/2014 03:16:04	13.89	45.62	29.56	7.67	8.26	6.9	3.495	89.1	2.3	1.6	0.5
645	11/27/2014 03:31:04	13.91	45.64	29.58	7.73	8.26	4.5	3.539	89.9	2.9	2.1	0.7
646	11/27/2014 03:46:05	13.91	45.63	29.57	7.69	8.26	4.0	3.576	89.4	2.3	1.6	0.5
647	11/27/2014 04:01:04	13.82	45.92	29.77	7.55	8.25	4.4	3.580	87.7	2.3	1.6	0.6
648	11/27/2014 04:16:04	13.88	46.19	29.97	7.58	8.26	4.2	3.572	88.3	2.3	1.6	0.5
649	11/27/2014 04:31:05	13.90	46.42	30.14	7.60	8.26	3.9	3.548	88.6	1.8	1.3	0.4
650	11/27/2014 04:46:05	13.87	46.70	30.33	7.68	8.26	4.6	3.482	89.7	1.9	1.3	0.5
651	11/27/2014 05:01:05	13.66	45.76	29.65	7.59	8.23	6.0	3.417	87.8	2.4	1.7	0.6
652	11/27/2014 05:16:04	13.65	46.04	29.85	7.69	8.24	3.9	3.345	89.1	1.9	1.3	0.5
653	11/27/2014 05:31:04	13.65	46.00	29.83	7.56	8.23	4.0	3.273	87.5	2.3	1.6	0.6
654	11/27/2014 05:46:05	13.56	45.89	29.74	7.60	8.22	3.7	3.176	87.8	2.0	1.4	0.5
655	11/27/2014 06:01:05	13.55	45.54	29.49	7.54	8.21	4.5	3.089	87.0	2.0	1.4	0.5
656	11/27/2014 06:16:05	13.47	45.06	29.14	7.54	8.20	3.9	3.027	86.7	2.4	1.7	0.6
657	11/27/2014 06:31:05	13.46	45.12	29.19	7.45	8.19	3.3	2.959	85.6	2.5	1.8	0.6
658	11/27/2014 06:46:05	13.45	44.99	29.10	7.56	8.19	3.4	2.879	86.9	2.3	1.6	0.6
659	11/27/2014 07:01:04	13.35	45.21	29.25	7.41	8.18	3.4	2.804	85.0	2.2	1.6	0.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+ NTU	Depth meters	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
			mS/cm		mg/L	pH				ug/L	(Corrected ratio = 0.71)	%FS
660	11/27/2014 07:16:05	13.34	44.65	28.85	7.48	8.18	3.3	2.765	85.6	1.7	1.2	0.4
661	11/27/2014 07:31:04	13.37	44.46	28.71	7.51	8.19	3.6	2.716	85.9	1.9	1.3	0.5
662	11/27/2014 07:46:05	13.31	44.43	28.68	7.50	8.19	3.1	2.651	85.6	2.4	1.7	0.6
663	11/27/2014 08:01:05	13.27	44.48	28.72	7.55	8.18	2.9	2.613	86.2	2.5	1.8	0.6
664	11/27/2014 08:16:05	13.25	44.83	28.97	7.44	8.18	2.8	2.582	85.0	2.0	1.4	0.5
665	11/27/2014 08:31:05	13.18	44.61	28.81	7.53	8.17	2.9	2.560	85.8	2.0	1.4	0.5
666	11/27/2014 08:46:05	13.16	44.85	28.98	7.46	8.17	3.1	2.536	85.1	3.0	2.1	0.7
667	11/27/2014 09:01:05	13.15	44.43	28.69	7.39	8.16	3.1	2.505	84.2	2.3	1.6	0.5
668	11/27/2014 09:16:05	13.17	44.69	28.87	7.44	8.16	2.9	2.529	84.8	2.4	1.7	0.6
669	11/27/2014 09:31:04	13.22	44.90	29.02	7.42	8.17	2.9	2.548	84.7	2.0	1.4	0.5
670	11/27/2014 09:46:05	13.23	44.91	29.03	7.45	8.17	3.0	2.559	85.1	2.1	1.5	0.5
671	11/27/2014 10:01:05	13.25	44.14	28.48	7.58	8.17	3.0	2.602	86.4	2.0	1.4	0.5
672	11/27/2014 10:16:05	13.24	44.40	28.66	7.38	8.17	3.2	2.642	84.2	2.2	1.6	0.5
673	11/27/2014 10:31:05	13.20	44.09	28.44	7.49	8.17	3.7	2.707	85.3	2.9	2.1	0.7
674	11/27/2014 10:46:05	13.21	44.07	28.43	7.61	8.17	3.4	2.757	86.6	2.3	1.6	0.5
675	11/27/2014 11:01:04	13.30	44.32	28.61	7.55	8.18	3.5	2.822	86.1	2.4	1.7	0.6
676	11/27/2014 11:16:05	13.36	44.10	28.46	7.65	8.19	3.7	2.897	87.4	1.6	1.1	0.4
677	11/27/2014 11:31:04	13.47	44.45	28.71	7.58	8.21	4.1	2.966	86.9	2.1	1.5	0.5
678	11/27/2014 11:46:05	13.57	44.48	28.73	7.67	8.22	3.4	3.020	88.1	2.1	1.5	0.5
679	11/27/2014 12:01:04	13.67	44.66	28.86	7.60	8.23	3.5	3.095	87.5	1.7	1.2	0.4
680	11/27/2014 12:16:04	13.71	44.74	28.92	7.57	8.24	3.2	3.163	87.3	2.2	1.6	0.5
681	11/27/2014 12:31:04	13.73	44.90	29.04	7.53	8.24	3.4	3.224	86.9	1.7	1.2	0.4
682	11/27/2014 12:46:04	13.78	45.04	29.14	7.74	8.24	3.2	3.298	89.5	2.3	1.6	0.5
683	11/27/2014 13:01:05	13.83	45.35	29.36	7.66	8.25	3.7	3.372	88.8	1.9	1.3	0.5
684	11/27/2014 13:16:04	13.88	45.32	29.34	7.60	8.26	3.7	3.436	88.2	2.1	1.5	0.5
685	11/27/2014 13:31:05	13.91	44.88	29.02	7.57	8.26	3.5	3.498	87.8	2.0	1.4	0.5
686	11/27/2014 13:46:04	13.94	45.42	29.41	7.60	8.26	3.5	3.556	88.3	1.7	1.2	0.4
687	11/27/2014 14:01:04	13.98	44.79	28.97	7.65	8.27	3.6	3.617	88.8	2.6	1.8	0.6
688	11/27/2014 14:16:04	14.01	44.54	28.78	8.86	8.28	3.4	3.660	102.7	1.7	1.2	0.4
689	11/27/2014 14:31:04	14.02	44.57	28.80	7.58	8.28	3.2	3.689	88.0	2.2	1.6	0.5
690	11/27/2014 14:46:04	14.03	44.56	28.80	7.58	8.28	2.8	3.721	88.0	2.0	1.4	0.5
691	11/27/2014 15:01:04	14.00	45.41	29.41	7.58	8.27	3.1	3.720	88.2	2.3	1.6	0.5
692	11/27/2014 15:16:05	14.01	45.05	29.15	7.54	8.27	2.7	3.706	87.7	1.5	1.1	0.4
693	11/27/2014 15:31:04	14.02	45.20	29.26	7.55	8.27	2.8	3.681	87.8	1.8	1.3	0.4
694	11/27/2014 15:46:04	14.02	45.92	29.78	7.51	8.27	3.2	3.633	87.7	2.1	1.5	0.5
695	11/27/2014 16:01:04	13.96	45.78	29.67	7.62	8.26	3.4	3.558	88.7	2.1	1.5	0.5
696	11/27/2014 16:16:05	13.92	45.73	29.63	7.68	8.26	3.6	3.492	89.4	1.8	1.3	0.4
697	11/27/2014 16:31:05	13.86	44.75	28.93	7.70	8.25	3.4	3.406	89.1	2.1	1.5	0.5
698	11/27/2014 16:46:05	13.82	44.27	28.59	7.73	8.24	3.2	3.307	89.2	2.4	1.7	0.6
699	11/27/2014 17:01:04	13.81	44.64	28.85	7.78	8.24	4.4	3.201	89.9	3.0	2.1	0.7
700	11/27/2014 17:16:05	13.77	44.84	29.00	7.76	8.24	4.5	3.103	89.6	2.3	1.6	0.6
701	11/27/2014 17:31:04	13.74	44.30	28.61	7.68	8.24	3.8	2.997	88.5	3.0	2.1	0.7
702	11/27/2014 17:46:04	13.68	44.15	28.50	7.72	8.24	3.7	2.886	88.8	2.2	1.6	0.5
703	11/27/2014 18:01:04	13.59	43.95	28.35	7.87	8.23	4.3	2.783	90.2	2.4	1.7	0.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	(Corrected ratio = 0.71)	%FS
704	11/27/2014 18:16:04	13.56	44.39	28.67	7.73	8.23	4.0	2.680	88.7	8.1	5.8	1.9
705	11/27/2014 18:31:04	13.61	44.19	28.52	7.56	8.23	4.2	2.568	86.8	2.1	1.5	0.5
706	11/27/2014 18:46:05	13.57	44.43	28.69	7.67	8.22	4.7	2.433	88.1	2.4	1.7	0.6
707	11/27/2014 19:01:04	13.50	43.67	28.15	7.82	8.22	5.0	2.338	89.3	2.5	1.8	0.6
708	11/27/2014 19:16:05	13.48	44.05	28.42	7.74	8.21	5.2	2.202	88.6	2.7	1.9	0.6
709	11/27/2014 19:31:04	13.42	44.01	28.39	7.69	8.21	5.3	2.089	87.9	5.0	3.6	1.2
710	11/27/2014 19:46:04	13.38	43.80	28.24	7.79	8.20	5.8	1.961	88.9	2.8	2.0	0.7
711	11/27/2014 20:01:04	13.32	43.64	28.12	7.85	8.20	5.4	1.852	89.4	2.5	1.8	0.6
712	11/27/2014 20:16:04	13.26	43.59	28.09	7.75	8.20	5.6	1.757	88.1	3.2	2.3	0.8
713	11/27/2014 20:31:04	13.23	43.78	28.22	7.89	8.19	5.1	1.659	89.7	3.2	2.3	0.8
714	11/27/2014 20:46:05	13.17	43.36	27.92	7.86	8.19	4.5	1.587	89.1	3.5	2.5	0.8
715	11/27/2014 21:01:05	13.13	43.44	27.97	7.89	8.18	4.3	1.514	89.3	2.7	1.9	0.6
716	11/27/2014 21:16:05	13.08	42.82	27.54	7.92	8.18	3.9	1.485	89.4	3.0	2.1	0.7
717	11/27/2014 21:31:04	13.05	42.90	27.59	7.94	8.18	3.6	1.475	89.6	3.7	2.6	0.9
718	11/27/2014 21:46:05	13.05	43.44	27.97	7.84	8.18	3.2	1.479	88.7	3.0	2.1	0.7
719	11/27/2014 22:01:05	13.07	43.52	28.03	7.90	8.18	3.3	1.481	89.4	2.9	2.1	0.7
720	11/27/2014 22:16:05	13.10	43.55	28.05	7.91	8.19	3.2	1.551	89.6	3.2	2.3	0.8
721	11/27/2014 22:31:04	13.10	43.44	27.98	7.96	8.19	3.6	1.631	90.1	2.5	1.8	0.6
722	11/27/2014 22:46:04	13.07	42.72	27.46	7.98	8.18	4.0	1.707	90.0	3.0	2.1	0.7
723	11/27/2014 23:01:04	13.13	43.28	27.86	7.88	8.18	3.9	1.801	89.1	2.8	2.0	0.7
724	11/27/2014 23:16:04	13.10	43.23	27.83	7.82	8.17	4.3	1.840	88.4	3.2	2.3	0.8
725	11/27/2014 23:31:04	13.12	43.23	27.82	7.78	8.17	4.1	1.955	88.0	2.9	2.1	0.7
726	11/27/2014 23:46:05	13.16	43.11	27.74	8.05	8.17	3.9	2.035	91.1	2.8	2.0	0.7
727	11/28/2014 00:01:04	13.20	43.23	27.82	7.78	8.18	4.2	2.141	88.2	3.0	2.1	0.7
728	11/28/2014 00:16:04	13.26	43.57	28.07	7.80	8.18	4.2	2.209	88.6	2.6	1.8	0.6
729	11/28/2014 00:31:05	13.34	43.99	28.37	7.66	8.19	4.6	2.304	87.3	2.9	2.1	0.7
730	11/28/2014 00:46:05	13.41	43.98	28.37	7.75	8.19	4.4	2.389	88.6	2.6	1.8	0.6
731	11/28/2014 01:01:05	13.43	44.06	28.43	7.64	8.19	4.4	2.496	87.4	2.2	1.6	0.5
732	11/28/2014 01:16:05	13.46	43.98	28.37	7.56	8.20	5.0	2.589	86.5	2.9	2.1	0.7
733	11/28/2014 01:31:05	13.48	44.65	28.85	7.62	8.20	5.4	2.673	87.4	2.8	2.0	0.7
734	11/28/2014 01:46:04	13.51	44.95	29.06	7.54	8.20	5.6	2.764	86.6	2.4	1.7	0.6
735	11/28/2014 02:01:04	13.55	44.88	29.02	7.61	8.21	5.4	2.865	87.6	2.3	1.6	0.5
736	11/28/2014 02:16:04	13.60	45.41	29.40	7.53	8.22	7.5	2.952	86.9	2.7	1.9	0.6
737	11/28/2014 02:31:04	13.64	44.41	28.68	7.88	8.23	7.6	3.033	90.6	2.2	1.6	0.5
738	11/28/2014 02:46:04	13.71	44.67	28.87	7.66	8.24	7.5	3.135	88.4	2.7	1.9	0.6
739	11/28/2014 03:01:04	13.80	45.15	29.22	7.60	8.25	7.8	3.227	88.0	2.0	1.4	0.5
740	11/28/2014 03:16:04	13.84	45.38	29.38	7.84	8.26	8.9	3.302	90.9	2.7	1.9	0.6
741	11/28/2014 03:31:05	13.86	45.61	29.55	7.56	8.26	7.7	3.387	87.8	2.1	1.5	0.5
742	11/28/2014 03:46:04	13.87	45.77	29.67	7.50	8.26	7.0	3.464	87.2	1.9	1.3	0.5
743	11/28/2014 04:01:05	13.91	46.72	30.35	7.53	8.26	6.4	3.521	87.9	2.4	1.7	0.6
744	11/28/2014 04:16:04	13.94	45.39	29.39	7.54	8.27	5.6	3.565	87.7	2.5	1.8	0.6
745	11/28/2014 04:31:04	13.93	45.42	29.42	7.48	8.27	5.2	3.606	87.0	2.4	1.7	0.6
746	11/28/2014 04:46:04	13.93	45.33	29.35	7.39	8.27	3.4	3.641	85.9	3.5	2.5	0.8
747	11/28/2014 05:01:04	13.86	44.30	28.61	7.47	8.26	4.0	3.640	86.3	2.6	1.8	0.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	(Corrected ratio = 0.71)	%FS
748	11/28/2014 05:16:04	13.88	44.75	28.93	7.45	8.26	3.7	3.625	86.2	2.3	1.6	0.6
749	11/28/2014 05:31:05	13.89	44.89	29.04	7.49	8.26	4.3	3.581	86.7	2.4	1.7	0.6
750	11/28/2014 05:46:05	13.74	46.20	29.97	7.42	8.25	4.7	3.531	86.2	2.4	1.7	0.6
751	11/28/2014 06:01:04	13.74	45.43	29.42	7.43	8.25	4.8	3.452	86.0	2.4	1.7	0.6
752	11/28/2014 06:16:04	13.61	45.75	29.64	7.51	8.23	5.4	3.391	86.8	2.1	1.5	0.5
753	11/28/2014 06:31:05	13.70	45.46	29.44	7.14	8.24	6.7	3.318	82.6	2.1	1.5	0.5
754	11/28/2014 06:46:05	13.65	45.64	29.56	7.45	8.24	5.3	3.228	86.2	2.2	1.6	0.5
755	11/28/2014 07:01:04	13.64	45.33	29.34	7.39	8.23	4.5	3.165	85.4	2.2	1.6	0.5
756	11/28/2014 07:16:04	13.61	45.48	29.45	7.34	8.23	4.5	3.093	84.8	2.4	1.7	0.6
757	11/28/2014 07:31:04	13.55	45.27	29.30	7.51	8.22	4.5	3.009	86.6	2.4	1.7	0.6
758	11/28/2014 07:46:05	13.50	45.22	29.26	7.33	8.21	5.0	2.937	84.4	2.1	1.5	0.5
759	11/28/2014 08:01:05	13.46	45.17	29.22	7.30	8.21	4.7	2.857	84.0	2.2	1.6	0.5
760	11/28/2014 08:16:05	13.32	45.03	29.12	7.21	8.19	3.9	2.803	82.6	2.1	1.5	0.5
761	11/28/2014 08:31:05	13.20	44.66	28.85	7.33	8.17	4.2	2.734	83.6	2.7	1.9	0.6
762	11/28/2014 08:46:04	13.17	45.16	29.21	7.30	8.17	4.0	2.679	83.4	2.0	1.4	0.5
763	11/28/2014 09:01:04	13.11	43.13	27.76	7.43	8.16	4.2	2.645	84.0	2.8	2.0	0.7
764	11/28/2014 09:16:04	13.18	43.32	27.89	7.40	8.17	3.7	2.586	83.9	2.5	1.8	0.6
765	11/28/2014 09:31:04	13.18	43.62	28.10	7.37	8.17	3.6	2.537	83.6	2.1	1.5	0.5
766	11/28/2014 09:46:04	13.18	43.32	27.89	7.39	8.17	3.9	2.517	83.8	2.1	1.5	0.5
767	11/28/2014 10:01:05	13.18	43.34	27.90	7.38	8.17	3.7	2.496	83.6	2.5	1.8	0.6
768	11/28/2014 10:16:04	13.17	43.38	27.93	7.28	8.16	3.4	2.476	82.5	2.2	1.6	0.5
769	11/28/2014 10:31:04	13.17	43.64	28.12	7.36	8.16	4.3	2.483	83.6	2.0	1.4	0.5
770	11/28/2014 10:46:05	13.21	43.66	28.13	7.44	8.16	4.8	2.497	84.5	2.0	1.4	0.5
771	11/28/2014 11:01:05	13.33	43.57	28.07	7.33	8.18	3.8	2.512	83.4	1.8	1.3	0.4
772	11/28/2014 11:16:05	13.34	42.69	27.44	7.38	8.17	4.2	2.539	83.7	2.3	1.6	0.5
773	11/28/2014 11:31:04	13.38	42.47	27.29	7.37	8.17	4.5	2.586	83.6	2.3	1.6	0.5
774	11/28/2014 11:46:04	13.44	43.05	27.71	7.47	8.18	4.8	2.619	85.0	2.7	1.9	0.6
775	11/28/2014 12:01:05	13.45	42.55	27.35	7.52	8.18	4.5	2.672	85.4	2.6	1.8	0.6
776	11/28/2014 12:16:04	13.47	42.73	27.48	7.48	8.19	3.9	2.738	85.1	3.0	2.1	0.7
777	11/28/2014 12:31:05	13.49	42.70	27.45	7.41	8.19	4.2	2.796	84.3	2.3	1.6	0.5
778	11/28/2014 12:46:04	13.55	42.97	27.65	7.47	8.21	4.2	2.860	85.2	1.9	1.3	0.5
779	11/28/2014 13:01:04	13.67	43.16	27.79	7.55	8.22	4.2	2.929	86.4	2.3	1.6	0.5
780	11/28/2014 13:16:05	13.70	43.40	27.96	7.55	8.22	4.2	2.989	86.6	1.8	1.3	0.4
781	11/28/2014 13:31:05	13.71	43.71	28.19	7.45	8.22	4.7	3.047	85.5	2.7	1.9	0.7
782	11/28/2014 13:46:05	13.71	44.09	28.45	7.54	8.22	4.7	3.132	86.7	2.4	1.7	0.6
783	11/28/2014 14:01:04	13.74	43.47	28.02	7.78	8.23	4.8	3.210	89.3	1.8	1.3	0.4
784	11/28/2014 14:16:04	13.80	43.37	27.94	7.48	8.24	5.1	3.262	85.9	1.8	1.3	0.4
785	11/28/2014 14:31:05	13.83	44.74	28.93	7.46	8.24	4.3	3.328	86.3	2.0	1.4	0.5
786	11/28/2014 14:46:05	13.88	45.14	29.22	7.26	8.25	4.5	3.388	84.2	2.4	1.7	0.6
787	11/28/2014 15:01:05	13.92	45.03	29.13	7.50	8.25	4.0	3.437	87.0	1.7	1.2	0.4
788	11/28/2014 15:16:04	13.95	44.17	28.52	7.46	8.26	4.0	3.482	86.3	2.2	1.6	0.5
789	11/28/2014 15:31:04	13.98	44.54	28.79	7.46	8.26	3.6	3.508	86.4	2.1	1.5	0.5
790	11/28/2014 15:46:05	14.00	44.62	28.85	7.37	8.26	3.3	3.535	85.5	2.2	1.6	0.5
791	11/28/2014 16:01:04	14.01	44.65	28.86	7.34	8.26	2.8	3.555	85.2	2.5	1.8	0.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	(Corrected ratio = 0.71)	%FS
792	11/28/2014 16:16:05	13.94	44.48	28.74	7.33	8.25	3.4	3.550	84.8	2.3	1.6	0.5
793	11/28/2014 16:31:05	13.99	44.98	29.10	7.33	8.26	3.2	3.522	85.1	2.1	1.5	0.5
794	11/28/2014 16:46:04	13.99	44.67	28.88	7.36	8.26	4.2	3.491	85.3	2.1	1.5	0.5
795	11/28/2014 17:01:04	13.90	44.54	28.78	7.35	8.25	3.5	3.446	85.1	2.2	1.6	0.5
796	11/28/2014 17:16:04	13.84	44.36	28.65	7.35	8.23	4.2	3.372	84.8	2.1	1.5	0.5
797	11/28/2014 17:31:05	13.80	44.38	28.67	7.43	8.23	4.2	3.304	85.7	2.2	1.6	0.5
798	11/28/2014 17:46:04	13.81	44.28	28.59	7.31	8.23	3.9	3.214	84.4	2.4	1.7	0.6
799	11/28/2014 18:01:04	13.79	46.48	30.18	7.20	8.23	4.9	3.128	83.8	2.1	1.5	0.5
800	11/28/2014 18:16:04	13.78	46.41	30.13	7.34	8.23	4.2	3.046	85.4	2.5	1.8	0.6
801	11/28/2014 18:31:05	13.76	46.49	30.18	7.36	8.22	4.1	2.939	85.6	2.0	1.4	0.5
802	11/28/2014 18:46:05	13.74	46.25	30.00	7.31	8.22	3.9	2.845	84.9	2.1	1.5	0.5
803	11/28/2014 19:01:04	13.72	46.14	29.93	7.35	8.21	3.7	2.766	85.3	2.0	1.4	0.5
804	11/28/2014 19:16:04	13.69	46.20	29.97	7.29	8.20	3.9	2.660	84.6	1.9	1.3	0.4
805	11/28/2014 19:31:04	13.70	45.99	29.82	7.69	8.20	4.2	2.554	89.1	2.7	1.9	0.6
806	11/28/2014 19:46:05	13.64	45.84	29.71	7.29	8.20	4.6	2.462	84.4	2.2	1.6	0.5
807	11/28/2014 20:01:05	13.61	45.06	29.14	7.25	8.20	4.6	2.371	83.6	2.6	1.8	0.6
808	11/28/2014 20:16:05	13.58	45.30	29.32	7.32	8.20	5.0	2.264	84.4	2.4	1.7	0.6
809	11/28/2014 20:31:05	13.55	45.38	29.37	7.28	8.20	4.7	2.164	83.9	1.9	1.3	0.5
810	11/28/2014 20:46:05	13.52	45.21	29.25	7.33	8.19	5.0	2.065	84.4	3.2	2.3	0.8
811	11/28/2014 21:01:05	13.49	45.69	29.60	7.38	8.19	4.7	1.976	85.1	2.2	1.6	0.5
812	11/28/2014 21:16:04	13.46	45.41	29.39	7.43	8.19	4.7	1.876	85.5	2.5	1.8	0.6
813	11/28/2014 21:31:05	13.43	45.29	29.31	7.37	8.19	4.8	1.797	84.7	2.7	1.9	0.6
814	11/28/2014 21:46:04	13.41	45.04	29.13	7.54	8.19	4.5	1.740	86.6	2.9	2.1	0.7
815	11/28/2014 22:01:05	13.40	44.94	29.06	7.49	8.19	4.4	1.686	86.0	2.8	2.0	0.7
816	11/28/2014 22:16:05	13.40	44.87	29.00	7.51	8.18	4.0	1.654	86.1	2.3	1.6	0.5
817	11/28/2014 22:31:05	13.39	44.63	28.83	7.44	8.18	4.0	1.640	85.2	2.9	2.1	0.7
818	11/28/2014 22:46:05	13.40	44.95	29.07	7.48	8.18	3.7	1.645	85.8	3.2	2.3	0.8
819	11/28/2014 23:01:05	13.40	44.74	28.91	7.49	8.18	3.9	1.669	85.9	2.6	1.8	0.6
820	11/28/2014 23:16:05	13.42	43.66	28.14	7.48	8.18	4.0	1.731	85.4	2.4	1.7	0.6
821	11/28/2014 23:31:05	13.45	43.02	27.68	7.61	8.19	3.8	1.788	86.6	2.5	1.8	0.6
822	11/28/2014 23:46:04	13.47	43.11	27.75	7.43	8.18	4.7	1.865	84.6	2.3	1.6	0.5
823	11/29/2014 00:01:05	13.48	43.54	28.05	7.62	8.18	4.4	1.940	87.0	2.7	1.9	0.6
824	11/29/2014 00:16:04	13.49	44.21	28.53	7.44	8.17	4.5	2.024	85.2	2.8	2.0	0.7
825	11/29/2014 00:31:05	13.51	44.13	28.48	7.53	8.17	4.4	2.106	86.3	2.5	1.8	0.6
826	11/29/2014 00:46:05	13.52	44.10	28.45	7.41	8.18	4.7	2.190	84.9	2.6	1.8	0.6
827	11/29/2014 01:01:05	13.54	44.45	28.71	7.41	8.18	4.3	2.271	85.1	2.3	1.6	0.5
828	11/29/2014 01:16:05	13.57	44.58	28.80	7.32	8.19	4.5	2.357	84.1	2.1	1.5	0.5
829	11/29/2014 01:31:04	13.56	44.49	28.74	7.29	8.18	5.0	2.447	83.7	2.3	1.6	0.5
830	11/29/2014 01:46:05	13.54	44.67	28.87	7.32	8.18	5.7	2.527	84.1	2.7	1.9	0.6
831	11/29/2014 02:01:05	13.53	44.65	28.85	7.30	8.18	6.1	2.617	83.8	1.9	1.3	0.5
832	11/29/2014 02:16:05	13.56	44.85	28.99	7.28	8.18	6.1	2.712	83.7	2.7	1.9	0.6
833	11/29/2014 02:31:05	13.60	45.00	29.10	7.31	8.19	6.3	2.808	84.2	2.7	1.9	0.6
834	11/29/2014 02:46:05	13.63	45.04	29.13	7.29	8.20	7.2	2.890	84.0	2.4	1.7	0.6
835	11/29/2014 03:01:04	13.66	45.18	29.24	7.35	8.20	7.9	2.989	84.8	2.2	1.6	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.71)	Fluorescence %FS
836	11/29/2014 03:16:04	13.72	44.91	29.04	7.35	8.22	8.7	3.092	84.8	2.5	1.8	0.6
837	11/29/2014 03:31:05	13.76	45.12	29.19	7.34	8.22	8.5	3.190	84.9	2.4	1.7	0.6
838	11/29/2014 03:46:05	13.84	45.40	29.40	7.33	8.24	9.0	3.288	85.0	2.5	1.8	0.6
839	11/29/2014 04:01:05	13.90	45.53	29.50	7.44	8.25	9.1	3.383	86.5	2.3	1.6	0.5
840	11/29/2014 04:16:04	13.94	45.69	29.61	7.44	8.25	8.3	3.464	86.6	2.2	1.6	0.5
841	11/29/2014 04:31:04	13.97	44.83	28.99	7.34	8.26	7.3	3.533	85.1	2.2	1.6	0.5
842	11/29/2014 04:46:04	14.00	44.68	28.89	7.30	8.26	5.9	3.604	84.7	2.7	1.9	0.6
843	11/29/2014 05:01:04	14.02	44.90	29.04	7.52	8.26	5.4	3.653	87.4	2.8	2.0	0.7
844	11/29/2014 05:16:04	14.04	45.09	29.18	7.33	8.26	6.1	3.684	85.2	2.6	1.8	0.6
845	11/29/2014 05:31:04	14.05	45.14	29.22	7.29	8.27	4.0	3.711	84.9	2.0	1.4	0.5
846	11/29/2014 05:46:05	13.92	44.99	29.11	7.27	8.25	5.4	3.712	84.3	2.9	2.1	0.7
847	11/29/2014 06:01:04	14.04	45.22	29.27	7.25	8.26	4.8	3.698	84.4	2.2	1.6	0.5
848	11/29/2014 06:16:04	13.82	44.70	28.89	7.22	8.24	20.0	3.661	83.4	3.6	2.6	0.9
849	11/29/2014 06:31:05	13.85	44.64	28.85	7.30	8.25	16.6	3.611	84.5	3.0	2.1	0.7
850	11/29/2014 06:46:04	13.89	44.90	29.04	7.37	8.25	14.8	3.550	85.4	3.1	2.2	0.7
851	11/29/2014 07:01:04	13.91	44.98	29.10	7.34	8.26	10.6	3.480	85.2	2.8	2.0	0.7
852	11/29/2014 07:16:05	13.85	45.09	29.18	7.31	8.25	7.9	3.412	84.7	2.1	1.5	0.5
853	11/29/2014 07:31:05	13.83	46.34	30.08	7.24	8.24	10.3	3.323	84.3	2.2	1.6	0.5
854	11/29/2014 07:46:04	13.65	45.33	29.34	7.19	8.22	14.7	3.246	83.1	2.5	1.8	0.6
855	11/29/2014 08:01:04	13.68	45.25	29.29	7.28	8.22	8.2	3.170	84.1	2.4	1.7	0.6
856	11/29/2014 08:16:04	13.67	45.16	29.22	7.30	8.22	7.7	3.102	84.3	2.3	1.6	0.5
857	11/29/2014 08:31:05	13.60	45.53	29.48	7.20	8.21	8.0	3.018	83.1	2.3	1.6	0.6
858	11/29/2014 08:46:05	13.54	45.58	29.52	7.07	8.20	10.5	2.934	81.5	2.1	1.5	0.5
859	11/29/2014 09:01:05	13.54	45.54	29.49	7.17	8.20	10.9	2.875	82.7	2.1	1.5	0.5
860	11/29/2014 09:16:05	13.62	45.42	29.41	7.24	8.22	9.5	2.801	83.6	2.6	1.8	0.6
861	11/29/2014 09:31:05	13.64	45.64	29.57	7.28	8.23	9.2	2.724	84.2	2.5	1.8	0.6
862	11/29/2014 09:46:05	13.58	45.52	29.48	7.23	8.22	10.1	2.660	83.5	2.2	1.6	0.5
863	11/29/2014 10:01:05	13.53	45.55	29.50	7.29	8.21	9.7	2.602	84.1	2.5	1.8	0.6
864	11/29/2014 10:16:05	13.51	46.35	30.07	7.28	8.21	9.7	2.544	84.2	2.3	1.6	0.5
865	11/29/2014 10:31:05	13.48	46.83	30.42	7.27	8.20	10.0	2.480	84.3	2.6	1.8	0.6
866	11/29/2014 10:46:04	13.46	47.07	30.59	7.27	8.20	8.3	2.441	84.3	2.5	1.8	0.6
867	11/29/2014 11:01:05	13.44	46.18	29.95	7.29	8.19	7.6	2.391	84.1	2.3	1.6	0.5
868	11/29/2014 11:16:05	13.43	45.12	29.18	7.30	8.18	7.5	2.362	83.9	2.7	1.9	0.6
869	11/29/2014 11:31:05	13.41	45.27	29.30	7.41	8.17	7.2	2.346	85.2	2.7	1.9	0.6
870	11/29/2014 11:46:04	13.40	45.13	29.19	7.24	8.17	6.4	2.335	83.1	3.4	2.4	0.8
871	11/29/2014 12:01:05	13.38	44.98	29.08	7.17	8.16	6.1	2.337	82.2	2.9	2.1	0.7
872	11/29/2014 12:16:05	13.41	44.88	29.01	7.31	8.17	6.4	2.363	83.8	2.4	1.7	0.6
873	11/29/2014 12:31:05	13.43	45.39	29.38	7.26	8.17	7.2	2.393	83.5	2.5	1.8	0.6
874	11/29/2014 12:46:05	13.43	44.82	28.97	7.20	8.17	7.4	2.432	82.6	2.7	1.9	0.6
875	11/29/2014 13:01:05	13.44	46.00	29.82	7.23	8.17	7.3	2.480	83.4	2.3	1.6	0.5
876	11/29/2014 13:16:04	13.42	45.80	29.67	7.29	8.16	8.1	2.544	84.0	3.3	2.3	0.8
877	11/29/2014 13:31:05	13.44	46.09	29.88	7.18	8.17	7.6	2.599	82.8	2.0	1.4	0.5
878	11/29/2014 13:46:05	13.44	46.17	29.94	7.22	8.17	7.8	2.669	83.4	2.2	1.6	0.5
879	11/29/2014 14:01:05	13.45	45.80	29.67	7.27	8.17	8.6	2.728	83.7	2.5	1.8	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.71)	Fluorescence %FS
880	11/29/2014 14:16:05	13.48	45.56	29.50	7.18	8.17	9.1	2.793	82.7	2.8	2.0	0.7
881	11/29/2014 14:31:05	13.53	46.01	29.83	7.11	8.18	7.7	2.846	82.2	1.9	1.3	0.4
882	11/29/2014 14:46:05	13.57	45.78	29.67	7.11	8.19	6.4	2.915	82.2	1.6	1.1	0.4
883	11/29/2014 15:01:05	13.61	45.67	29.59	7.22	8.20	5.8	2.975	83.4	1.5	1.1	0.4
884	11/29/2014 15:16:05	13.62	45.08	29.16	7.18	8.20	5.3	3.031	82.8	2.0	1.4	0.5
885	11/29/2014 15:31:05	13.63	46.01	29.83	7.17	8.20	5.4	3.100	83.1	1.9	1.3	0.5
886	11/29/2014 15:46:05	13.63	45.94	29.78	7.22	8.20	4.7	3.146	83.6	2.5	1.8	0.6
887	11/29/2014 16:01:05	13.63	45.95	29.79	7.17	8.20	4.7	3.196	83.1	2.1	1.5	0.5
888	11/29/2014 16:16:04	13.65	45.98	29.81	7.17	8.21	4.8	3.241	83.1	2.2	1.6	0.5
889	11/29/2014 16:31:04	13.67	46.04	29.85	7.04	8.21	5.0	3.273	81.6	1.9	1.3	0.4
890	11/29/2014 16:46:05	13.67	46.08	29.89	7.14	8.21	5.3	3.312	82.8	2.1	1.5	0.5
891	11/29/2014 17:01:04	13.69	46.13	29.92	7.10	8.21	4.7	3.325	82.3	2.5	1.8	0.6
892	11/29/2014 17:16:04	13.64	45.85	29.72	7.13	8.22	6.4	3.335	82.5	2.4	1.7	0.6
893	11/29/2014 17:31:05	13.69	46.06	29.87	7.05	8.21	5.2	3.332	81.7	2.3	1.6	0.6
894	11/29/2014 17:46:04	13.66	46.12	29.91	6.96	8.21	7.1	3.310	80.7	2.4	1.7	0.6
895	11/29/2014 18:01:04	13.41	45.96	29.79	7.15	8.20	13.7	3.277	82.4	2.6	1.8	0.6
896	11/29/2014 18:16:05	13.43	45.99	29.81	7.08	8.20	11.4	3.219	81.7	2.8	2.0	0.7
897	11/29/2014 18:31:04	13.46	45.95	29.78	7.14	8.21	10.8	3.161	82.4	2.5	1.8	0.6
898	11/29/2014 18:46:05	13.47	46.11	29.90	7.12	8.21	8.0	3.097	82.2	2.4	1.7	0.6
899	11/29/2014 19:01:05	13.47	45.70	29.60	7.20	8.21	7.0	3.020	83.0	3.2	2.3	0.8
900	11/29/2014 19:16:05	13.40	45.95	29.78	7.17	8.20	6.7	2.944	82.6	2.6	1.8	0.6
901	11/29/2014 19:31:04	13.33	45.76	29.64	7.12	8.19	8.8	2.865	81.9	2.6	1.8	0.6
902	11/29/2014 19:46:05	13.27	45.59	29.52	7.12	8.18	8.7	2.795	81.7	2.7	1.9	0.6
903	11/29/2014 20:01:05	13.27	45.71	29.61	7.34	8.18	8.2	2.703	84.2	3.0	2.1	0.7
904	11/29/2014 20:16:05	13.24	45.38	29.37	7.21	8.18	7.9	2.621	82.5	2.5	1.8	0.6
905	11/29/2014 20:31:05	13.17	45.90	29.74	7.15	8.18	7.5	2.545	82.0	2.6	1.8	0.6
906	11/29/2014 20:46:05	13.19	45.62	29.53	7.20	8.18	7.1	2.457	82.5	2.5	1.8	0.6
907	11/29/2014 21:01:05	13.18	45.68	29.58	7.22	8.18	7.3	2.358	82.6	3.1	2.2	0.7
908	11/29/2014 21:16:05	13.13	45.92	29.75	7.27	8.18	6.6	2.282	83.3	2.1	1.5	0.5
909	11/29/2014 21:31:05	13.13	45.67	29.57	7.31	8.18	7.3	2.197	83.7	3.1	2.2	0.7
910	11/29/2014 21:46:04	13.11	44.96	29.06	7.29	8.18	7.1	2.112	83.2	2.9	2.1	0.7
911	11/29/2014 22:01:04	13.02	44.79	28.93	7.33	8.18	7.2	2.037	83.4	3.2	2.3	0.8
912	11/29/2014 22:16:04	13.00	44.75	28.91	7.43	8.19	6.8	1.957	84.4	2.6	1.8	0.6
913	11/29/2014 22:31:05	12.95	44.74	28.90	7.34	8.19	7.0	1.889	83.4	2.7	1.9	0.6
914	11/29/2014 22:46:05	12.89	44.47	28.70	7.40	8.18	6.7	1.852	83.8	2.5	1.8	0.6
915	11/29/2014 23:01:05	12.91	44.07	28.42	7.45	8.19	6.6	1.804	84.2	3.0	2.1	0.7
916	11/29/2014 23:16:05	12.93	44.46	28.69	7.47	8.19	6.3	1.790	84.6	3.0	2.1	0.7
917	11/29/2014 23:31:04	12.85	44.09	28.43	7.35	8.18	6.7	1.785	83.1	3.0	2.1	0.7
918	11/29/2014 23:46:04	12.93	44.33	28.61	7.33	8.18	6.7	1.781	83.0	2.7	1.9	0.6
919	11/30/2014 00:01:05	12.94	44.33	28.61	7.32	8.18	6.4	1.815	82.9	2.6	1.8	0.6
920	11/30/2014 00:16:05	12.96	43.80	28.23	7.37	8.18	6.6	1.858	83.3	3.0	2.1	0.7
921	11/30/2014 00:31:04	12.93	43.65	28.12	7.40	8.18	6.8	1.937	83.5	2.4	1.7	0.6
922	11/30/2014 00:46:05	12.99	42.84	27.54	7.44	8.17	7.6	1.992	83.8	2.6	1.8	0.6
923	11/30/2014 01:01:05	13.01	42.75	27.48	7.40	8.17	7.8	2.057	83.4	3.2	2.3	0.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+ NTU	Depth meters	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
			mS/cm		mg/L	pH				ug/L	(Corrected ratio = 0.71)	%FS
924	11/30/2014 01:16:05	13.02	43.02	27.67	7.39	8.16	7.9	2.151	83.3	2.9	2.1	0.7
925	11/30/2014 01:31:05	13.04	43.47	27.99	7.36	8.16	8.3	2.212	83.3	3.0	2.1	0.7
926	11/30/2014 01:46:05	13.10	43.77	28.21	7.30	8.16	8.6	2.298	82.8	2.6	1.8	0.6
927	11/30/2014 02:01:05	13.18	43.99	28.37	7.25	8.17	8.4	2.385	82.4	3.0	2.1	0.7
928	11/30/2014 02:16:05	13.25	44.30	28.60	7.19	8.17	7.6	2.468	82.0	2.7	1.9	0.6
929	11/30/2014 02:31:05	13.27	44.42	28.68	7.60	8.17	7.7	2.550	86.7	2.7	1.9	0.6
930	11/30/2014 02:46:05	13.24	44.81	28.96	7.27	8.17	7.5	2.624	83.0	2.2	1.6	0.5
931	11/30/2014 03:01:05	13.21	46.31	30.04	7.16	8.17	8.0	2.721	82.3	2.8	2.0	0.7
932	11/30/2014 03:16:05	13.24	46.11	29.89	7.21	8.18	8.1	2.805	82.8	2.8	2.0	0.7
933	11/30/2014 03:31:05	13.30	46.18	29.95	7.17	8.18	9.8	2.899	82.6	2.6	1.8	0.6
934	11/30/2014 03:46:05	13.35	46.37	30.09	7.17	8.19	11.1	2.969	82.6	2.5	1.8	0.6
935	11/30/2014 04:01:04	13.37	46.52	30.19	7.19	8.20	13.0	3.071	83.0	2.1	1.5	0.5
936	11/30/2014 04:16:05	13.41	46.69	30.32	7.15	8.21	13.0	3.169	82.7	2.8	2.0	0.7
937	11/30/2014 04:31:04	13.45	46.93	30.49	7.19	8.22	12.6	3.254	83.3	2.8	2.0	0.7
938	11/30/2014 04:46:05	13.54	47.26	30.73	7.17	8.23	12.6	3.357	83.3	2.5	1.8	0.6
939	11/30/2014 05:01:05	13.60	46.83	30.42	7.24	8.25	11.9	3.448	84.1	2.7	1.9	0.6
940	11/30/2014 05:16:05	13.63	45.91	29.76	7.27	8.25	10.8	3.531	84.2	2.3	1.6	0.5
941	11/30/2014 05:31:04	13.66	46.30	30.04	7.24	8.26	10.3	3.593	84.0	3.3	2.3	0.8
942	11/30/2014 05:46:04	13.67	46.54	30.21	7.20	8.26	7.0	3.680	83.6	3.1	2.2	0.7
943	11/30/2014 06:01:05	13.69	46.68	30.32	7.20	8.27	5.7	3.713	83.7	2.4	1.7	0.6
944	11/30/2014 06:16:04	13.72	46.32	30.06	7.18	8.27	4.6	3.766	83.5	2.1	1.5	0.5
945	11/30/2014 06:31:04	13.72	46.28	30.03	7.17	8.27	3.9	3.777	83.2	2.2	1.6	0.5
946	11/30/2014 06:46:04	13.65	46.05	29.86	7.08	8.26	5.3	3.783	82.1	2.7	1.9	0.7
947	11/30/2014 07:01:04	13.70	46.25	30.01	7.14	8.26	5.1	3.769	82.9	2.4	1.7	0.6
948	11/30/2014 07:16:05	13.69	48.07	31.32	7.08	8.27	5.0	3.717	82.9	2.3	1.6	0.5
949	11/30/2014 07:31:04	13.48	47.58	30.96	7.10	8.24	5.9	3.663	82.6	2.0	1.4	0.5
950	11/30/2014 07:46:05	13.35	45.10	29.17	7.15	8.23	5.0	3.596	82.0	2.7	1.9	0.7
951	11/30/2014 08:01:05	13.40	45.83	29.70	7.17	8.23	4.8	3.529	82.5	2.2	1.6	0.5
952	11/30/2014 08:16:05	13.30	45.55	29.49	7.12	8.22	4.3	3.443	81.7	1.9	1.3	0.5
953	11/30/2014 08:31:05	13.25	45.41	29.39	7.07	8.21	5.3	3.361	81.0	3.1	2.2	0.7
954	11/30/2014 08:46:05	13.24	45.23	29.26	7.12	8.21	4.7	3.272	81.5	3.0	2.1	0.7
955	11/30/2014 09:01:05	13.15	43.97	28.36	7.17	8.20	4.3	3.192	81.5	2.8	2.0	0.7
956	11/30/2014 09:16:04	13.07	43.83	28.25	7.15	8.19	4.2	3.114	81.1	2.4	1.7	0.6
957	11/30/2014 09:31:04	13.04	44.06	28.42	7.09	8.18	4.1	3.023	80.4	2.2	1.6	0.5
958	11/30/2014 09:46:04	12.94	43.79	28.22	7.08	8.17	4.1	2.947	80.0	2.4	1.7	0.6
959	11/30/2014 10:01:05	13.02	44.52	28.75	6.91	8.16	3.9	2.856	78.5	2.4	1.7	0.6
960	11/30/2014 10:16:04	12.96	44.18	28.50	7.00	8.16	4.0	2.771	79.3	2.7	1.9	0.6
961	11/30/2014 10:31:04	13.15	45.38	29.36	7.02	8.18	4.0	2.691	80.3	1.7	1.2	0.4
962	11/30/2014 10:46:05	13.18	45.76	29.64	7.04	8.19	3.7	2.606	80.7	2.4	1.7	0.6
963	11/30/2014 11:01:05	13.09	44.18	28.50	7.20	8.18	3.9	2.525	81.7	2.4	1.7	0.6
964	11/30/2014 11:16:05	13.16	44.06	28.42	7.16	8.19	3.8	2.447	81.4	2.6	1.8	0.6
965	11/30/2014 11:31:05	13.00	43.75	28.19	7.14	8.18	4.4	2.374	80.8	2.4	1.7	0.6
966	11/30/2014 11:46:05	12.93	43.36	27.91	7.18	8.17	3.9	2.318	80.9	2.8	2.0	0.7
967	11/30/2014 12:01:04	13.01	43.66	28.13	7.31	8.18	3.7	2.241	82.6	2.9	2.1	0.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+ NTU	Depth meters	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence %FS
			mS/cm		mg/L	pH				ug/L	(Corrected ratio = 0.71)	
968	11/30/2014 12:16:05	12.97	43.60	28.09	7.27	8.18	3.8	2.204	82.1	2.3	1.6	0.5
969	11/30/2014 12:31:05	12.90	43.51	28.02	7.29	8.18	3.7	2.167	82.2	2.9	2.1	0.7
970	11/30/2014 12:46:05	12.87	43.46	27.98	7.31	8.17	4.1	2.148	82.3	3.1	2.2	0.7
971	11/30/2014 13:01:05	12.83	43.66	28.12	7.23	8.17	3.7	2.142	81.4	2.8	2.0	0.7
972	11/30/2014 13:16:05	12.90	44.18	28.50	7.25	8.17	3.8	2.130	82.0	2.9	2.1	0.7
973	11/30/2014 13:31:04	12.91	43.19	27.79	7.31	8.17	3.8	2.171	82.3	2.1	1.5	0.5
974	11/30/2014 13:46:05	12.92	43.31	27.87	7.39	8.17	3.9	2.194	83.3	2.5	1.8	0.6
975	11/30/2014 14:01:05	12.94	43.14	27.75	7.27	8.16	3.9	2.247	81.9	2.7	1.9	0.6
976	11/30/2014 14:16:05	12.94	43.21	27.80	7.26	8.16	4.3	2.318	81.8	2.1	1.5	0.5
977	11/30/2014 14:31:05	12.92	44.64	28.83	7.17	8.16	4.3	2.366	81.3	2.3	1.6	0.6
978	11/30/2014 14:46:05	12.91	44.74	28.90	7.11	8.15	4.3	2.434	80.7	2.1	1.5	0.5
979	11/30/2014 15:01:05	12.90	44.78	28.93	7.06	8.15	4.8	2.513	80.1	2.5	1.8	0.6
980	11/30/2014 15:16:05	12.90	44.70	28.87	7.11	8.15	4.9	2.577	80.6	2.6	1.8	0.6
981	11/30/2014 15:31:05	12.99	45.08	29.14	7.09	8.16	5.0	2.641	80.7	1.9	1.3	0.5
982	11/30/2014 15:46:05	13.12	45.68	29.58	7.03	8.17	4.4	2.700	80.5	2.6	1.8	0.6
983	11/30/2014 16:01:04	13.18	45.39	29.37	7.07	8.18	4.5	2.779	80.9	2.5	1.8	0.6
984	11/30/2014 16:16:04	13.20	45.69	29.59	7.07	8.18	4.0	2.844	81.1	2.2	1.6	0.5
985	11/30/2014 16:31:05	13.20	46.27	30.00	7.03	8.18	4.1	2.895	80.8	2.4	1.7	0.6
986	11/30/2014 16:46:05	13.20	45.84	29.69	7.01	8.18	4.4	2.968	80.5	2.8	2.0	0.7
987	11/30/2014 17:01:04	13.22	45.93	29.76	7.04	8.19	4.0	3.015	80.8	2.3	1.6	0.5
988	11/30/2014 17:16:04	13.24	45.57	29.50	7.06	8.19	4.0	3.088	81.0	2.2	1.6	0.5
989	11/30/2014 17:31:05	13.28	45.75	29.63	6.99	8.20	4.3	3.136	80.2	3.0	2.1	0.7
990	11/30/2014 17:46:05	13.30	45.72	29.61	6.98	8.20	4.6	3.184	80.1	2.4	1.7	0.6
991	11/30/2014 18:01:05	13.31	45.79	29.67	7.03	8.20	4.3	3.239	80.8	2.7	1.9	0.6
992	11/30/2014 18:16:05	13.32	45.83	29.70	7.00	8.20	3.7	3.264	80.5	2.9	2.1	0.7
993	11/30/2014 18:31:05	13.35	45.83	29.70	6.96	8.21	3.6	3.288	80.0	2.5	1.8	0.6
994	11/30/2014 18:46:04	13.29	45.59	29.52	6.90	8.20	4.0	3.290	79.2	3.1	2.2	0.7
995	11/30/2014 19:01:05	13.35	45.82	29.69	6.92	8.20	3.9	3.282	79.6	2.9	2.1	0.7
996	11/30/2014 19:16:05	13.35	45.76	29.64	6.93	8.20	4.0	3.270	79.6	2.2	1.6	0.5
997	11/30/2014 19:31:05	13.34	45.83	29.69	6.92	8.20	4.5	3.219	79.6	3.0	2.1	0.7
998	11/30/2014 19:46:05	13.16	45.02	29.11	7.04	8.18	4.9	3.175	80.4	2.3	1.6	0.5
999	11/30/2014 20:01:05	13.12	45.01	29.09	7.02	8.18	4.2	3.126	80.0	2.5	1.8	0.6
1000	11/30/2014 20:16:05	13.14	45.07	29.14	6.99	8.18	4.1	3.053	79.8	2.4	1.7	0.6
1001	11/30/2014 20:31:05	13.17	45.19	29.23	6.99	8.18	5.1	2.971	79.8	3.0	2.1	0.7
1002	11/30/2014 20:46:05	13.16	45.07	29.14	7.01	8.18	4.5	2.901	80.0	2.3	1.6	0.6
1003	11/30/2014 21:01:05	13.14	45.47	29.43	6.99	8.17	4.3	2.827	79.9	2.3	1.6	0.5
1004	11/30/2014 21:16:04	13.13	44.57	28.78	7.07	8.17	4.2	2.750	80.5	2.6	1.8	0.6
1005	11/30/2014 21:31:05	13.12	45.45	29.42	6.98	8.17	4.4	2.675	79.8	2.3	1.6	0.6
1006	11/30/2014 21:46:04	13.12	45.49	29.44	7.00	8.17	4.2	2.604	80.0	2.9	2.1	0.7
1007	11/30/2014 22:01:04	13.11	45.69	29.58	6.98	8.17	4.0	2.523	79.8	2.0	1.4	0.5
1008	11/30/2014 22:16:05	13.03	45.59	29.51	7.04	8.17	4.2	2.451	80.3	2.6	1.8	0.6
1009	11/30/2014 22:31:05	12.96	45.25	29.26	6.99	8.17	4.5	2.377	79.6	2.7	1.9	0.6
1010	11/30/2014 22:46:05	12.92	42.64	27.40	7.16	8.17	4.2	2.299	80.5	2.5	1.8	0.6
1011	11/30/2014 23:01:05	12.90	42.77	27.49	7.28	8.18	4.2	2.237	81.8	2.6	1.8	0.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+ NTU	Depth meters	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
			mS/cm		mg/L	pH				ug/L	(Corrected ratio = 0.71)	%FS
1012	11/30/2014 23:16:05	12.89	43.25	27.83	7.13	8.18	4.2	2.171	80.3	2.8	2.0	0.7
1013	11/30/2014 23:31:05	12.88	43.34	27.89	7.20	8.18	3.8	2.116	81.1	2.8	2.0	0.7
1014	11/30/2014 23:46:05	12.86	43.38	27.92	7.22	8.18	4.3	2.063	81.3	2.6	1.8	0.6
1015	12/1/2014 00:01:04	12.86	43.44	27.97	7.17	8.18	4.0	2.033	80.8	3.1	2.2	0.7
1016	12/1/2014 00:16:05	12.85	43.50	28.01	7.15	8.18	3.7	2.024	80.5	2.8	2.0	0.7
1017	12/1/2014 00:31:05	12.84	43.52	28.02	7.21	8.18	3.9	2.002	81.3	2.9	2.1	0.7
1018	12/1/2014 00:46:05	12.86	43.60	28.08	7.17	8.17	3.7	2.013	80.8	2.0	1.4	0.5
1019	12/1/2014 01:01:05	12.88	44.00	28.37	7.09	8.16	3.6	2.044	80.1	2.7	1.9	0.7
1020	12/1/2014 01:16:05	12.89	42.15	27.05	7.12	8.16	3.9	2.083	79.8	2.7	1.9	0.6
1021	12/1/2014 01:31:05	12.87	42.12	27.03	7.12	8.16	4.5	2.130	79.8	2.6	1.8	0.6
1022	12/1/2014 01:46:05	12.86	41.77	26.78	7.11	8.15	4.5	2.198	79.5	2.5	1.8	0.6
1023	12/1/2014 02:01:05	12.85	41.40	26.52	7.44	8.15	4.5	2.274	83.0	3.0	2.1	0.7
1024	12/1/2014 02:16:05	12.89	41.58	26.64	7.15	8.15	4.6	2.348	79.9	3.1	2.2	0.7
1025	12/1/2014 02:31:05	12.91	41.81	26.81	7.15	8.16	4.2	2.419	80.1	2.8	2.0	0.7
1026	12/1/2014 02:46:05	12.94	41.70	26.73	7.19	8.16	4.2	2.492	80.5	2.3	1.6	0.6
1027	12/1/2014 03:01:04	13.00	42.05	26.98	7.14	8.16	4.2	2.570	80.1	2.4	1.7	0.6
1028	12/1/2014 03:16:05	13.04	42.25	27.13	7.07	8.16	4.9	2.652	79.5	2.3	1.6	0.5
1029	12/1/2014 03:31:05	13.08	42.62	27.39	7.02	8.16	4.6	2.729	79.2	2.3	1.6	0.6
1030	12/1/2014 03:46:05	13.07	42.56	27.35	7.06	8.16	4.6	2.812	79.6	1.9	1.3	0.5
1031	12/1/2014 04:01:05	13.07	41.98	26.94	7.06	8.17	5.1	2.902	79.4	2.0	1.4	0.5
1032	12/1/2014 04:16:05	13.09	42.28	27.15	7.07	8.17	5.4	2.984	79.6	2.4	1.7	0.6
1033	12/1/2014 04:31:05	13.12	42.53	27.32	7.03	8.18	7.2	3.084	79.3	2.4	1.7	0.6
1034	12/1/2014 04:46:05	13.18	42.86	27.57	7.06	8.18	8.1	3.174	79.8	2.5	1.8	0.6
1035	12/1/2014 05:01:05	13.28	43.05	27.70	7.87	8.20	9.1	3.275	89.3	2.1	1.5	0.5
1036	12/1/2014 05:16:05	13.35	43.30	27.88	7.09	8.21	9.0	3.372	80.6	2.6	1.8	0.6
1037	12/1/2014 05:31:05	13.42	43.54	28.05	7.15	8.22	8.6	3.456	81.6	2.9	2.1	0.7
1038	12/1/2014 05:46:05	13.50	43.81	28.25	7.08	8.23	7.8	3.556	80.9	1.9	1.3	0.5
1039	12/1/2014 06:01:05	13.60	44.16	28.50	7.08	8.25	8.6	3.645	81.2	2.8	2.0	0.7
1040	12/1/2014 06:16:05	13.62	44.28	28.59	7.05	8.25	6.3	3.710	81.0	1.9	1.3	0.4
1041	12/1/2014 06:31:05	13.64	44.35	28.64	7.04	8.26	7.0	3.792	80.9	2.6	1.8	0.6
1042	12/1/2014 06:46:05	13.66	46.62	30.27	6.98	8.26	5.1	3.841	81.1	2.1	1.5	0.5
1043	12/1/2014 07:01:04	13.69	45.43	29.41	7.00	8.26	4.5	3.884	80.9	2.7	1.9	0.6
1044	12/1/2014 07:16:05	13.70	45.24	29.28	6.98	8.26	4.1	3.920	80.7	2.5	1.8	0.6
1045	12/1/2014 07:31:04	13.66	45.31	29.33	6.87	8.26	3.6	3.930	79.4	2.1	1.5	0.5
1046	12/1/2014 07:46:04	13.67	45.47	29.44	6.86	8.26	4.0	3.920	79.3	2.1	1.5	0.5
1047	12/1/2014 08:01:04	13.69	45.02	29.12	6.91	8.26	4.3	3.884	79.8	2.1	1.5	0.5
1048	12/1/2014 08:16:04	13.39	45.72	29.62	6.97	8.23	4.3	3.837	80.3	1.6	1.1	0.4
1049	12/1/2014 08:31:04	13.39	45.68	29.58	6.95	8.23	4.3	3.771	80.0	2.2	1.6	0.5
1050	12/1/2014 08:46:05	13.45	45.33	29.34	6.92	8.23	3.9	3.680	79.6	2.6	1.8	0.6
1051	12/1/2014 09:01:05	13.28	44.36	28.64	7.00	8.21	3.9	3.591	79.8	2.2	1.6	0.5
1052	12/1/2014 09:16:05	13.25	44.11	28.46	6.96	8.20	3.9	3.497	79.3	1.7	1.2	0.4
1053	12/1/2014 09:31:05	13.20	44.57	28.79	6.95	8.20	3.9	3.401	79.2	1.7	1.2	0.4
1054	12/1/2014 09:46:05	13.16	43.88	28.29	6.93	8.19	4.1	3.303	78.7	2.5	1.8	0.6
1055	12/1/2014 10:01:05	13.17	43.73	28.19	6.98	8.19	4.1	3.206	79.3	2.4	1.7	0.6

sonde #2			Indian Island Long-Term Deployment							Water Quality Data			
Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+		Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.71)	Fluorescence %FS
			mS/cm	Salinity ppt	mg/L	pH	NTU						
1056	12/1/2014 10:16:04	13.15	43.29	27.87	7.02	8.18	3.7	3.101	79.5	2.4	1.7	0.6	
1057	12/1/2014 10:31:04	13.11	42.98	27.65	6.91	8.18	3.9	3.003	78.1	2.4	1.7	0.6	
1058	12/1/2014 10:46:04	13.13	43.00	27.66	7.01	8.18	3.4	2.909	79.3	2.3	1.6	0.5	
1059	12/1/2014 11:01:04	13.25	43.38	27.94	6.92	8.17	3.2	2.811	78.6	2.2	1.6	0.5	
1060	12/1/2014 11:16:04	13.12	43.09	27.73	6.97	8.17	3.7	2.698	78.9	2.2	1.6	0.5	
1061	12/1/2014 11:31:05	13.22	43.23	27.83	7.02	8.18	3.7	2.614	79.6	2.5	1.8	0.6	
1062	12/1/2014 11:46:05	13.22	43.27	27.85	7.14	8.18	3.7	2.514	81.0	2.3	1.6	0.6	
1063	12/1/2014 12:01:05	13.33	42.84	27.55	7.27	8.20	3.9	2.404	82.5	2.6	1.8	0.6	
1064	12/1/2014 12:16:04	13.61	42.96	27.64	7.26	8.21	3.3	2.321	83.0	2.2	1.6	0.5	
1065	12/1/2014 12:31:05	13.51	42.64	27.42	7.24	8.20	3.7	2.237	82.4	2.5	1.8	0.6	
1066	12/1/2014 12:46:05	13.49	42.50	27.31	7.35	8.20	3.2	2.150	83.5	2.4	1.7	0.6	
1067	12/1/2014 13:01:05	13.47	42.28	27.16	7.39	8.20	3.4	2.082	83.9	2.7	1.9	0.6	
1068	12/1/2014 13:16:05	13.50	42.22	27.12	7.41	8.21	3.5	2.007	84.1	2.5	1.8	0.6	
1069	12/1/2014 13:31:04	13.47	42.15	27.07	7.46	8.21	3.6	1.982	84.6	2.9	2.1	0.7	
1070	12/1/2014 13:46:04	13.40	43.17	27.79	7.29	8.20	3.7	1.944	83.0	2.7	1.9	0.6	
1071	12/1/2014 14:01:04	13.36	42.78	27.51	7.29	8.20	3.1	1.933	82.7	3.0	2.1	0.7	
1072	12/1/2014 14:16:05	13.38	42.74	27.48	7.35	8.19	3.9	1.948	83.5	2.3	1.6	0.6	
1073	12/1/2014 14:31:05	13.42	43.00	27.67	7.31	8.19	4.0	1.965	83.2	2.7	1.9	0.6	
1074	12/1/2014 14:46:05	13.33	42.74	27.48	7.27	8.19	3.9	2.023	82.5	2.8	2.0	0.7	
1075	12/1/2014 15:01:05	13.35	42.78	27.51	7.34	8.18	4.6	2.080	83.3	3.0	2.1	0.7	
1076	12/1/2014 15:16:04	13.30	42.10	27.03	7.28	8.17	5.1	2.146	82.2	2.3	1.6	0.6	
1077	12/1/2014 15:31:05	13.26	42.67	27.43	7.26	8.17	5.2	2.235	82.2	2.4	1.7	0.6	
1078	12/1/2014 15:46:05	13.25	42.74	27.48	7.13	8.17	4.6	2.312	80.8	2.4	1.7	0.6	
1079	12/1/2014 16:01:05	13.24	41.28	26.45	7.11	8.16	4.3	2.383	80.0	2.6	1.8	0.6	
1080	12/1/2014 16:16:05	13.17	41.48	26.58	7.09	8.16	4.2	2.464	79.7	2.0	1.4	0.5	
1081	12/1/2014 16:31:05	13.22	41.99	26.95	7.55	8.17	4.0	2.538	85.1	2.8	2.0	0.7	
1082	12/1/2014 16:46:04	13.26	42.20	27.10	6.96	8.17	3.8	2.600	78.7	2.5	1.8	0.6	
1083	12/1/2014 17:01:05	13.24	42.93	27.62	6.93	8.17	3.6	2.680	78.5	1.9	1.3	0.5	
1084	12/1/2014 17:16:05	13.23	43.15	27.77	6.94	8.17	3.7	2.742	78.7	2.0	1.4	0.5	
1085	12/1/2014 17:31:05	13.24	43.06	27.71	6.91	8.17	3.9	2.809	78.3	2.0	1.4	0.5	
1086	12/1/2014 17:46:05	13.25	43.07	27.72	6.96	8.17	4.2	2.878	78.9	2.2	1.6	0.5	
1087	12/1/2014 18:01:05	13.26	42.85	27.55	6.93	8.17	4.0	2.950	78.5	2.6	1.8	0.6	
1088	12/1/2014 18:16:05	13.30	43.06	27.71	6.95	8.18	4.1	3.017	78.8	2.6	1.8	0.6	
1089	12/1/2014 18:31:05	13.30	43.17	27.79	6.90	8.18	4.1	3.074	78.3	2.7	1.9	0.6	
1090	12/1/2014 18:46:05	13.32	43.06	27.71	6.87	8.18	4.8	3.156	78.0	2.5	1.8	0.6	
1091	12/1/2014 19:01:05	13.39	43.16	27.78	6.96	8.20	4.0	3.205	79.2	2.4	1.7	0.6	
1092	12/1/2014 19:16:05	13.41	43.14	27.77	6.94	8.20	4.2	3.248	78.9	2.5	1.8	0.6	
1093	12/1/2014 19:31:05	13.45	43.57	28.08	6.86	8.20	3.6	3.298	78.3	2.3	1.6	0.6	
1094	12/1/2014 19:46:04	13.46	43.82	28.25	6.87	8.21	3.6	3.333	78.6	2.4	1.7	0.6	
1095	12/1/2014 20:01:04	13.47	45.16	29.22	6.74	8.21	3.0	3.341	77.5	2.5	1.8	0.6	
1096	12/1/2014 20:16:05	13.45	44.84	28.98	6.73	8.20	3.2	3.342	77.2	2.7	1.9	0.6	
1097	12/1/2014 20:31:05	13.46	44.60	28.81	6.71	8.20	3.6	3.338	77.0	2.2	1.6	0.5	
1098	12/1/2014 20:46:05	13.44	44.46	28.72	6.77	8.20	3.6	3.297	77.5	2.4	1.7	0.6	
1099	12/1/2014 21:01:05	13.37	44.31	28.60	6.67	8.19	3.6	3.243	76.2	2.3	1.6	0.5	

sonde #2			Indian Island Long-Term Deployment Water Quality Data									
Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
			mS/cm		mg/L	pH				ug/L	(Corrected ratio = 0.71)	%FS
1100	12/1/2014 21:16:05	13.29	43.52	28.03	6.73	8.18	4.5	3.185	76.5	2.7	1.9	0.6
1101	12/1/2014 21:31:05	13.25	43.36	27.92	6.81	8.18	4.5	3.103	77.3	2.7	1.9	0.6
1102	12/1/2014 21:46:05	13.25	43.35	27.91	6.78	8.18	4.2	3.032	77.0	2.5	1.8	0.6
1103	12/1/2014 22:01:05	13.24	42.88	27.58	6.82	8.17	4.5	2.961	77.3	2.7	1.9	0.6
1104	12/1/2014 22:16:05	13.25	43.35	27.92	6.80	8.17	3.9	2.874	77.2	1.9	1.3	0.5
1105	12/1/2014 22:31:05	13.24	43.22	27.82	6.84	8.17	4.3	2.795	77.6	2.9	2.1	0.7
1106	12/1/2014 22:46:05	13.25	42.98	27.65	6.84	8.16	4.0	2.729	77.5	2.3	1.6	0.5
1107	12/1/2014 23:01:05	13.24	43.31	27.88	6.86	8.17	4.0	2.649	77.8	2.7	1.9	0.7
1108	12/1/2014 23:16:04	13.21	43.37	27.92	6.85	8.16	3.8	2.573	77.7	3.1	2.2	0.7
1109	12/1/2014 23:31:05	13.15	43.28	27.86	6.83	8.16	4.1	2.506	77.4	3.0	2.1	0.7
1110	12/1/2014 23:46:05	13.12	42.79	27.51	6.87	8.16	3.6	2.434	77.6	2.3	1.6	0.5
1111	12/2/2014 00:01:05	13.10	42.73	27.47	6.87	8.16	3.3	2.379	77.5	2.5	1.8	0.6
1112	12/2/2014 00:16:05	13.08	42.69	27.44	6.92	8.17	3.7	2.310	78.1	2.6	1.8	0.6
1113	12/2/2014 00:31:04	13.07	42.69	27.44	7.00	8.18	3.6	2.260	78.9	2.7	1.9	0.6
1114	12/2/2014 00:46:05	13.07	42.69	27.44	6.99	8.18	3.2	2.216	78.9	3.0	2.1	0.7
1115	12/2/2014 01:01:05	13.06	42.70	27.44	7.03	8.18	3.2	2.165	79.2	2.4	1.7	0.6
1116	12/2/2014 01:16:05	13.06	42.71	27.45	6.99	8.18	3.1	2.157	78.9	2.5	1.8	0.6
1117	12/2/2014 01:31:05	13.07	42.73	27.47	6.98	8.18	3.4	2.141	78.7	2.0	1.4	0.5
1118	12/2/2014 01:46:05	13.07	42.88	27.57	7.03	8.18	3.2	2.142	79.3	2.5	1.8	0.6
1119	12/2/2014 02:01:05	13.07	42.81	27.52	6.92	8.16	3.5	2.165	78.1	2.7	1.9	0.6
1120	12/2/2014 02:16:05	13.08	42.35	27.20	6.89	8.16	3.6	2.202	77.7	2.4	1.7	0.6
1121	12/2/2014 02:31:05	13.08	42.49	27.30	6.90	8.16	3.6	2.250	77.8	2.1	1.5	0.5
1122	12/2/2014 02:46:05	13.09	42.50	27.31	6.91	8.16	3.6	2.311	77.9	2.1	1.5	0.5
1123	12/2/2014 03:01:05	13.09	42.38	27.22	6.89	8.16	3.7	2.386	77.7	2.7	1.9	0.6
1124	12/2/2014 03:16:04	13.11	42.40	27.23	6.97	8.16	4.1	2.451	78.5	2.9	2.1	0.7
1125	12/2/2014 03:31:05	13.12	42.19	27.09	6.88	8.16	4.2	2.534	77.5	2.5	1.8	0.6
1126	12/2/2014 03:46:05	13.14	42.45	27.27	6.90	8.16	4.3	2.604	77.8	2.7	1.9	0.6
1127	12/2/2014 04:01:05	13.16	42.77	27.50	6.77	8.16	4.1	2.691	76.5	2.5	1.8	0.6
1128	12/2/2014 04:16:05	13.18	42.95	27.62	6.82	8.16	4.5	2.786	77.2	2.3	1.6	0.5
1129	12/2/2014 04:31:05	13.20	43.12	27.75	6.71	8.17	4.6	2.853	76.0	2.4	1.7	0.6
1130	12/2/2014 04:46:05	13.22	43.24	27.83	6.81	8.17	5.0	2.940	77.3	2.4	1.7	0.6
1131	12/2/2014 05:01:05	13.26	43.33	27.90	6.78	8.17	6.1	3.039	77.0	2.1	1.5	0.5
1132	12/2/2014 05:16:05	13.30	43.42	27.97	6.80	8.18	6.9	3.128	77.3	2.6	1.8	0.6
1133	12/2/2014 05:31:05	13.39	43.69	28.16	6.77	8.20	8.1	3.220	77.1	2.2	1.6	0.5
1134	12/2/2014 05:46:05	13.44	43.87	28.29	6.63	8.21	7.7	3.325	75.7	2.3	1.6	0.6
1135	12/2/2014 06:01:05	13.52	44.13	28.48	6.80	8.22	7.1	3.418	77.8	1.9	1.3	0.5
1136	12/2/2014 06:16:05	13.56	44.28	28.59	6.83	8.23	7.1	3.528	78.3	1.8	1.3	0.4
1137	12/2/2014 06:31:05	13.62	45.89	29.74	6.78	8.24	7.4	3.605	78.5	2.4	1.7	0.6
1138	12/2/2014 06:46:05	13.68	45.55	29.50	6.79	8.26	7.3	3.703	78.6	2.3	1.6	0.6
1139	12/2/2014 07:01:05	13.75	45.22	29.27	6.84	8.27	6.3	3.810	79.1	1.7	1.2	0.4
1140	12/2/2014 07:16:05	13.77	45.21	29.26	6.87	8.27	5.3	3.866	79.5	2.1	1.5	0.5
1141	12/2/2014 07:31:04	13.80	45.30	29.32	6.84	8.28	5.0	3.931	79.2	1.8	1.3	0.4
1142	12/2/2014 07:46:05	13.86	45.32	29.34	6.83	8.28	4.3	4.000	79.2	2.0	1.4	0.5
1143	12/2/2014 08:01:05	13.86	45.42	29.41	6.89	8.28	3.9	4.015	80.0	2.0	1.4	0.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc		Turbidity+ NTU	Depth meters	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
					mg/L	pH				ug/L	(Corrected ratio = 0.71)	%FS
1144	12/2/2014 08:16:04	13.85	45.14	29.21	6.77	8.28	3.4	4.041	78.5	2.3	1.6	0.5
1145	12/2/2014 08:31:05	13.77	45.22	29.27	6.75	8.27	3.7	4.037	78.1	2.1	1.5	0.5
1146	12/2/2014 08:46:05	13.84	44.99	29.10	6.75	8.28	3.9	3.987	78.1	1.8	1.3	0.4
1147	12/2/2014 09:01:04	13.71	44.85	29.00	6.74	8.26	4.3	3.945	77.7	1.6	1.1	0.4
1148	12/2/2014 09:16:04	13.58	44.30	28.60	6.73	8.25	3.7	3.882	77.3	2.0	1.4	0.5
1149	12/2/2014 09:31:04	13.57	44.62	28.83	6.83	8.25	4.4	3.777	78.5	2.0	1.4	0.5
1150	12/2/2014 09:46:04	13.52	44.77	28.93	6.65	8.23	3.4	3.695	76.4	1.9	1.3	0.5
1151	12/2/2014 10:01:05	13.48	44.69	28.88	6.73	8.22	3.0	3.613	77.3	1.8	1.3	0.4
1152	12/2/2014 10:16:05	13.42	44.26	28.57	6.66	8.21	4.3	3.480	76.1	2.1	1.5	0.5
1153	12/2/2014 10:31:05	13.44	44.28	28.58	6.75	8.21	4.2	3.384	77.3	2.3	1.6	0.6
1154	12/2/2014 10:46:05	13.38	44.23	28.55	6.69	8.20	3.6	3.279	76.5	2.3	1.6	0.5
1155	12/2/2014 11:01:05	13.36	43.92	28.32	6.68	8.20	3.6	3.151	76.2	2.4	1.7	0.6
1156	12/2/2014 11:16:05	13.35	43.91	28.32	6.69	8.19	3.8	3.036	76.3	2.4	1.7	0.6
1157	12/2/2014 11:31:05	13.29	43.43	27.97	6.65	8.18	3.9	2.936	75.6	1.8	1.3	0.4
1158	12/2/2014 11:46:05	13.34	43.65	28.13	6.59	8.18	3.8	2.801	75.1	1.9	1.3	0.4
1159	12/2/2014 12:01:05	13.36	43.72	28.18	6.68	8.19	3.6	2.715	76.1	2.3	1.6	0.5
1160	12/2/2014 12:16:05	13.36	43.76	28.21	6.72	8.19	3.1	2.595	76.6	2.5	1.8	0.6
1161	12/2/2014 12:31:05	13.38	43.89	28.30	6.56	8.19	3.4	2.471	74.8	2.3	1.6	0.5
1162	12/2/2014 12:46:05	13.29	43.99	28.37	6.68	8.18	3.9	2.379	76.1	2.5	1.8	0.6
1163	12/2/2014 13:01:05	13.27	44.09	28.45	6.64	8.18	3.8	2.265	75.6	2.5	1.8	0.6
1164	12/2/2014 13:16:04	13.30	44.13	28.47	6.79	8.18	3.7	2.155	77.4	2.7	1.9	0.6
1165	12/2/2014 13:31:05	13.26	43.69	28.16	6.92	8.18	3.5	2.060	78.6	2.4	1.7	0.6
1166	12/2/2014 13:46:05	13.17	42.63	27.40	6.81	8.16	3.7	1.954	76.9	3.2	2.3	0.8
1167	12/2/2014 14:01:04	13.12	42.39	27.23	6.79	8.16	4.2	1.879	76.6	2.8	2.0	0.7
1168	12/2/2014 14:16:05	13.13	42.75	27.49	6.99	8.16	3.7	1.817	78.9	2.6	1.8	0.6
1169	12/2/2014 14:31:05	13.12	42.75	27.48	6.77	8.17	3.3	1.724	76.4	2.9	2.1	0.7
1170	12/2/2014 14:46:04	13.11	42.67	27.43	6.74	8.16	3.2	1.705	76.1	2.8	2.0	0.7
1171	12/2/2014 15:01:04	13.10	42.91	27.60	6.76	8.16	3.2	1.727	76.4	2.7	1.9	0.7
1172	12/2/2014 15:16:04	13.10	42.89	27.58	6.80	8.16	3.2	1.690	76.8	2.9	2.1	0.7
1173	12/2/2014 15:31:05	13.07	42.79	27.51	6.80	8.16	2.9	1.736	76.7	2.9	2.1	0.7
1174	12/2/2014 15:46:05	13.06	42.18	27.07	6.92	8.15	3.1	1.822	77.8	3.2	2.3	0.8
1175	12/2/2014 16:01:04	13.06	42.71	27.45	6.80	8.15	3.3	1.873	76.7	2.3	1.6	0.5
1176	12/2/2014 16:16:05	13.06	42.72	27.46	6.73	8.15	3.8	1.956	75.9	2.6	1.8	0.6
1177	12/2/2014 16:31:05	13.06	42.94	27.62	6.72	8.14	3.9	2.066	75.8	2.6	1.8	0.6
1178	12/2/2014 16:46:05	13.07	42.98	27.65	6.67	8.14	4.2	2.137	75.3	3.1	2.2	0.7
1179	12/2/2014 17:01:05	13.08	43.30	27.88	6.72	8.14	4.3	2.234	76.0	2.7	1.9	0.6
1180	12/2/2014 17:16:05	13.12	43.70	28.16	6.57	8.15	4.5	2.314	74.5	2.5	1.8	0.6
1181	12/2/2014 17:31:05	13.17	44.04	28.41	6.68	8.16	4.1	2.391	75.9	2.5	1.8	0.6
1182	12/2/2014 17:46:05	13.19	44.07	28.43	6.62	8.16	4.0	2.479	75.3	2.4	1.7	0.6
1183	12/2/2014 18:01:05	13.20	44.18	28.51	6.59	8.16	4.3	2.556	75.0	2.8	2.0	0.7
1184	12/2/2014 18:16:05	13.22	44.26	28.56	6.63	8.16	4.0	2.637	75.5	2.2	1.6	0.5
1185	12/2/2014 18:31:05	13.23	44.32	28.60	6.56	8.16	4.3	2.709	74.8	2.4	1.7	0.6
1186	12/2/2014 18:46:05	13.25	44.53	28.76	6.54	8.17	4.8	2.786	74.6	2.8	2.0	0.7
1187	12/2/2014 19:01:05	13.27	44.55	28.77	6.59	8.17	4.6	2.869	75.2	2.9	2.1	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.71)	Fluorescence %FS
1188	12/2/2014 19:16:05	13.29	44.64	28.84	6.54	8.17	4.9	2.947	74.7	5.0	3.6	1.2
1189	12/2/2014 19:31:05	13.34	44.75	28.92	6.55	8.18	5.5	3.016	75.0	4.4	3.1	1.0
1190	12/2/2014 19:46:05	13.38	44.84	28.98	6.59	8.19	4.5	3.103	75.5	2.0	1.4	0.5
1191	12/2/2014 20:01:04	13.42	44.98	29.09	6.56	8.20	5.4	3.176	75.3	2.3	1.6	0.5
1192	12/2/2014 20:16:05	13.51	45.14	29.20	6.65	8.21	4.6	3.222	76.6	2.0	1.4	0.5
1193	12/2/2014 20:31:05	13.56	44.98	29.09	6.57	8.22	4.1	3.296	75.6	1.9	1.3	0.5
1194	12/2/2014 20:46:05	13.58	45.04	29.13	6.54	8.23	4.0	3.344	75.3	2.1	1.5	0.5
1195	12/2/2014 21:01:05	13.59	44.28	28.59	6.50	8.23	3.4	3.363	74.6	2.7	1.9	0.6
1196	12/2/2014 21:16:05	13.54	43.94	28.35	6.57	8.21	3.7	3.392	75.2	2.2	1.6	0.5
1197	12/2/2014 21:31:05	13.61	44.35	28.64	6.50	8.22	3.3	3.401	74.7	2.1	1.5	0.5
1198	12/2/2014 21:46:04	13.62	44.73	28.91	6.52	8.23	3.2	3.368	75.0	2.0	1.4	0.5
1199	12/2/2014 22:01:05	13.59	45.36	29.36	6.49	8.22	3.7	3.327	74.8	2.1	1.5	0.5
1200	12/2/2014 22:16:05	13.48	44.60	28.82	6.50	8.21	4.9	3.268	74.6	1.8	1.3	0.4
1201	12/2/2014 22:31:05	13.27	43.70	28.17	6.53	8.17	4.5	3.207	74.2	2.2	1.6	0.5
1202	12/2/2014 22:46:05	13.41	44.51	28.75	6.52	8.19	4.1	3.129	74.6	2.2	1.6	0.5
1203	12/2/2014 23:01:05	13.36	43.90	28.31	6.63	8.19	3.9	3.060	75.6	2.3	1.6	0.5
1204	12/2/2014 23:16:05	13.25	43.57	28.07	6.44	8.17	4.0	2.972	73.2	2.2	1.6	0.5
1205	12/2/2014 23:31:05	13.26	43.62	28.11	6.52	8.17	4.7	2.899	74.1	2.4	1.7	0.6
1206	12/2/2014 23:46:05	13.24	43.57	28.07	6.47	8.16	3.8	2.835	73.5	2.8	2.0	0.7
1207	12/3/2014 00:01:05	13.18	43.59	28.08	6.43	8.15	3.8	2.753	72.9	1.8	1.3	0.4
1208	12/3/2014 00:16:05	13.15	43.51	28.03	6.37	8.14	3.7	2.685	72.3	2.3	1.6	0.5
1209	12/3/2014 00:31:05	13.13	43.45	27.99	6.40	8.14	3.8	2.612	72.5	2.0	1.4	0.5
1210	12/3/2014 00:46:05	13.13	43.58	28.07	6.37	8.14	3.5	2.558	72.2	2.3	1.6	0.5
1211	12/3/2014 01:01:05	13.12	43.12	27.74	6.50	8.15	3.5	2.491	73.5	2.3	1.6	0.6
1212	12/3/2014 01:16:05	13.10	42.88	27.58	6.54	8.15	3.2	2.434	73.8	2.4	1.7	0.6
1213	12/3/2014 01:31:04	13.06	42.61	27.38	6.51	8.14	3.1	2.393	73.3	1.9	1.3	0.4
1214	12/3/2014 01:46:04	13.04	42.54	27.33	6.49	8.14	3.1	2.355	73.1	2.4	1.7	0.6
1215	12/3/2014 02:01:04	13.03	42.55	27.34	6.51	8.14	2.9	2.306	73.3	1.9	1.3	0.4
1216	12/3/2014 02:16:05	13.02	42.57	27.36	6.45	8.14	3.2	2.293	72.6	2.0	1.4	0.5
1217	12/3/2014 02:31:04	13.00	42.78	27.50	6.36	8.13	2.9	2.301	71.6	2.3	1.6	0.5
1218	12/3/2014 02:46:04	13.03	43.03	27.68	6.46	8.14	3.1	2.277	72.8	1.8	1.3	0.4
1219	12/3/2014 03:01:05	13.08	43.02	27.67	6.41	8.13	3.1	2.313	72.4	2.1	1.5	0.5
1220	12/3/2014 03:16:05	13.07	42.81	27.52	6.44	8.14	3.4	2.350	72.7	2.1	1.5	0.5
1221	12/3/2014 03:31:05	13.05	43.08	27.71	6.41	8.13	3.8	2.393	72.4	2.3	1.6	0.6
1222	12/3/2014 03:46:05	13.05	42.77	27.50	6.56	8.13	4.0	2.450	74.0	2.2	1.6	0.5
1223	12/3/2014 04:01:05	13.01	42.33	27.18	6.50	8.13	4.2	2.521	73.1	2.0	1.4	0.5
1224	12/3/2014 04:16:05	13.06	42.47	27.28	6.48	8.13	4.2	2.595	73.0	2.2	1.6	0.5
1225	12/3/2014 04:31:05	13.09	43.65	28.12	6.48	8.14	4.1	2.673	73.4	2.0	1.4	0.5
1226	12/3/2014 04:46:05	13.17	44.32	28.60	6.48	8.15	4.5	2.753	73.8	2.1	1.5	0.5
1227	12/3/2014 05:01:05	13.22	44.51	28.74	6.45	8.16	4.3	2.841	73.6	2.2	1.6	0.5
1228	12/3/2014 05:16:05	13.28	44.67	28.86	6.53	8.17	4.5	2.933	74.6	1.7	1.2	0.4
1229	12/3/2014 05:31:05	13.30	44.71	28.89	6.50	8.17	5.3	3.028	74.3	2.4	1.7	0.6
1230	12/3/2014 05:46:05	13.34	44.11	28.46	6.51	8.18	5.6	3.127	74.3	2.2	1.6	0.5
1231	12/3/2014 06:01:05	13.43	44.30	28.59	6.54	8.20	5.5	3.219	74.8	1.7	1.2	0.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc		Turbidity+ NTU	Depth meters	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
					mg/L	pH				ug/L	(Corrected ratio = 0.71)	%FS
1232	12/3/2014 06:16:05	13.51	44.47	28.72	6.56	8.21	6.7	3.324	75.2	2.2	1.6	0.5
1233	12/3/2014 06:31:05	13.64	44.75	28.93	6.56	8.23	7.2	3.423	75.6	2.5	1.8	0.6
1234	12/3/2014 06:46:04	13.74	44.76	28.94	6.62	8.25	6.9	3.528	76.4	2.0	1.4	0.5
1235	12/3/2014 07:01:04	13.80	44.90	29.04	6.65	8.26	6.8	3.628	76.8	2.0	1.4	0.5
1236	12/3/2014 07:16:05	13.89	45.11	29.19	6.65	8.27	6.0	3.723	77.1	1.8	1.3	0.4
1237	12/3/2014 07:31:04	13.96	45.18	29.25	6.65	8.28	5.4	3.823	77.2	1.9	1.3	0.4
1238	12/3/2014 07:46:04	13.98	45.28	29.32	6.63	8.28	5.4	3.901	77.1	1.6	1.1	0.4
1239	12/3/2014 08:01:05	13.99	45.35	29.37	6.63	8.28	5.1	3.980	77.1	1.7	1.2	0.4
1240	12/3/2014 08:16:04	14.00	45.41	29.41	6.64	8.28	4.0	4.051	77.2	1.7	1.2	0.4
1241	12/3/2014 08:31:05	14.02	45.44	29.43	6.60	8.29	3.3	4.094	76.9	1.6	1.1	0.4
1242	12/3/2014 08:46:04	14.04	45.41	29.41	6.59	8.29	2.9	4.133	76.8	2.0	1.4	0.5
1243	12/3/2014 09:01:05	14.07	45.46	29.45	6.54	8.29	2.1	4.152	76.2	1.4	1.0	0.3
1244	12/3/2014 09:16:05	13.94	45.49	29.47	6.55	8.27	3.7	4.136	76.2	1.9	1.3	0.5
1245	12/3/2014 09:31:04	13.96	45.32	29.34	6.54	8.27	3.8	4.121	76.0	1.5	1.1	0.4
1246	12/3/2014 09:46:04	14.01	45.05	29.15	6.59	8.28	4.0	4.057	76.6	1.5	1.1	0.4
1247	12/3/2014 10:01:04	13.87	44.90	29.04	6.52	8.26	4.0	3.981	75.5	1.9	1.3	0.5
1248	12/3/2014 10:16:05	13.91	45.28	29.32	6.59	8.27	3.4	3.898	76.5	2.0	1.4	0.5
1249	12/3/2014 10:31:04	13.82	45.26	29.29	6.59	8.25	3.5	3.782	76.3	1.7	1.2	0.4
1250	12/3/2014 10:46:05	13.63	44.37	28.65	6.55	8.23	3.9	3.686	75.3	1.9	1.3	0.4
1251	12/3/2014 11:01:05	13.57	43.69	28.17	6.57	8.21	4.3	3.570	75.2	2.1	1.5	0.5
1252	12/3/2014 11:16:04	13.61	43.83	28.26	6.57	8.22	4.6	3.450	75.3	2.2	1.6	0.5
1253	12/3/2014 11:31:05	13.61	43.58	28.09	6.57	8.22	3.9	3.332	75.2	2.0	1.4	0.5
1254	12/3/2014 11:46:05	13.52	43.36	27.93	6.60	8.20	4.0	3.203	75.3	2.1	1.5	0.5
1255	12/3/2014 12:01:05	13.58	43.14	27.77	6.57	8.20	3.7	3.089	75.0	2.1	1.5	0.5
1256	12/3/2014 12:16:04	13.57	42.97	27.65	6.61	8.20	3.9	2.963	75.5	2.2	1.6	0.5
1257	12/3/2014 12:31:04	13.60	42.96	27.64	6.63	8.20	3.4	2.849	75.7	2.2	1.6	0.5
1258	12/3/2014 12:46:05	13.55	42.71	27.46	6.69	8.19	3.6	2.722	76.2	1.9	1.3	0.5
1259	12/3/2014 13:01:05	13.73	43.43	27.99	6.72	8.21	3.7	2.591	77.1	1.4	1.0	0.3
1260	12/3/2014 13:16:04	13.66	43.44	27.99	6.71	8.20	4.7	2.456	76.8	2.2	1.6	0.5
1261	12/3/2014 13:31:05	13.65	43.94	28.35	6.67	8.19	4.3	2.346	76.6	2.4	1.7	0.6
1262	12/3/2014 13:46:05	13.46	43.79	28.24	6.66	8.17	4.8	2.218	76.1	2.1	1.5	0.5
1263	12/3/2014 14:01:05	13.57	44.16	28.50	6.74	8.17	4.8	2.103	77.3	1.9	1.3	0.5
1264	12/3/2014 14:16:04	13.64	44.19	28.53	6.77	8.18	5.2	1.982	77.7	1.8	1.3	0.4
1265	12/3/2014 14:31:04	13.61	44.06	28.43	6.80	8.18	5.2	1.877	78.0	2.5	1.8	0.6
1266	12/3/2014 14:46:05	13.71	44.07	28.44	6.82	8.19	5.6	1.778	78.4	2.5	1.8	0.6
1267	12/3/2014 15:01:05	13.60	43.86	28.29	7.07	8.18	4.7	1.680	81.0	2.6	1.8	0.6
1268	12/3/2014 15:16:05	13.58	43.09	27.74	6.87	8.18	4.8	1.609	78.4	2.1	1.5	0.5
1269	12/3/2014 15:31:05	13.49	42.78	27.51	6.96	8.18	3.7	1.573	79.3	2.8	2.0	0.7
1270	12/3/2014 15:46:05	13.54	42.77	27.51	6.90	8.18	3.7	1.548	78.7	2.5	1.8	0.6
1271	12/3/2014 16:01:05	13.58	42.88	27.59	6.93	8.18	3.9	1.558	79.1	3.0	2.1	0.7
1272	12/3/2014 16:16:05	13.53	43.19	27.81	7.22	8.18	4.0	1.588	82.4	2.6	1.8	0.6
1273	12/3/2014 16:31:05	13.49	42.90	27.60	6.81	8.17	4.4	1.641	77.5	3.0	2.1	0.7
1274	12/3/2014 16:46:05	13.43	43.33	27.90	6.80	8.16	4.5	1.726	77.5	2.5	1.8	0.6
1275	12/3/2014 17:01:05	13.44	43.28	27.87	6.79	8.15	5.3	1.815	77.4	2.7	1.9	0.6

sonde #2			Indian Island Long-Term Deployment Water Quality Data									
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L		Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.71)	Fluorescence %FS
1276	12/3/2014 17:16:05	13.44	43.49	28.02	6.74	8.15	5.1	1.907	76.8	2.6	1.8	0.6
1277	12/3/2014 17:31:04	13.45	42.97	27.65	6.69	8.14	5.0	2.011	76.1	2.6	1.8	0.6
1278	12/3/2014 17:46:05	13.44	43.32	27.90	6.62	8.15	5.1	2.107	75.5	2.4	1.7	0.6
1279	12/3/2014 18:01:05	13.45	43.44	27.99	6.57	8.15	4.9	2.193	74.9	2.5	1.8	0.6
1280	12/3/2014 18:16:05	13.46	43.73	28.19	6.61	8.15	4.3	2.280	75.5	2.0	1.4	0.5
1281	12/3/2014 18:31:05	13.45	43.95	28.35	6.51	8.15	4.3	2.374	74.5	2.4	1.7	0.6
1282	12/3/2014 18:46:05	13.44	44.00	28.39	6.48	8.15	4.2	2.465	74.1	2.3	1.6	0.5
1283	12/3/2014 19:01:04	13.43	44.11	28.46	6.51	8.15	4.2	2.551	74.4	1.8	1.3	0.4
1284	12/3/2014 19:16:04	13.43	44.15	28.49	6.44	8.15	5.1	2.636	73.7	1.9	1.3	0.5
1285	12/3/2014 19:31:05	13.45	44.17	28.50	6.41	8.16	5.0	2.732	73.4	2.3	1.6	0.5
1286	12/3/2014 19:46:05	13.47	44.26	28.57	6.46	8.16	5.3	2.821	73.9	2.2	1.6	0.5
1287	12/3/2014 20:01:05	13.48	44.31	28.61	6.40	8.17	5.9	2.902	73.3	2.4	1.7	0.6
1288	12/3/2014 20:16:05	13.53	44.50	28.75	6.46	8.18	5.8	2.995	74.2	2.7	1.9	0.6
1289	12/3/2014 20:31:05	13.57	44.67	28.87	6.41	8.18	6.5	3.087	73.7	5.9	4.2	1.4
1290	12/3/2014 20:46:04	13.62	44.86	29.00	6.44	8.20	6.3	3.175	74.1	2.0	1.4	0.5
1291	12/3/2014 21:01:04	13.71	45.04	29.14	6.45	8.21	5.7	3.253	74.4	2.1	1.5	0.5
1292	12/3/2014 21:16:05	13.76	44.66	28.86	6.49	8.22	5.7	3.337	74.9	2.2	1.6	0.5
1293	12/3/2014 21:31:05	13.80	45.06	29.16	6.47	8.22	5.4	3.398	74.9	2.1	1.5	0.5
1294	12/3/2014 21:46:05	13.83	45.15	29.22	6.45	8.23	4.8	3.455	74.7	2.1	1.5	0.5
1295	12/3/2014 22:01:04	13.84	45.13	29.20	6.45	8.23	4.3	3.505	74.7	2.1	1.5	0.5
1296	12/3/2014 22:16:05	13.87	45.21	29.26	6.27	8.23	2.9	3.519	72.7	2.1	1.5	0.5
1297	12/3/2014 22:31:04	13.78	44.94	29.07	6.31	8.22	4.0	3.531	72.9	1.6	1.1	0.4
1298	12/3/2014 22:46:05	13.87	44.99	29.11	6.38	8.23	4.0	3.513	73.9	1.8	1.3	0.4
1299	12/3/2014 23:01:05	13.84	45.38	29.39	6.36	8.23	4.8	3.478	73.8	1.8	1.3	0.4
1300	12/3/2014 23:16:05	13.60	45.02	29.12	6.24	8.19	4.3	3.415	71.9	2.7	1.9	0.6
1301	12/3/2014 23:31:05	13.52	44.86	29.00	6.32	8.19	4.5	3.344	72.7	4.3	3.1	1.0
1302	12/3/2014 23:46:05	13.64	43.73	28.19	6.37	8.20	4.5	3.263	73.0	2.1	1.5	0.5
1303	12/4/2014 00:01:05	13.61	44.12	28.47	6.37	8.20	4.0	3.184	73.1	1.9	1.3	0.4
1304	12/4/2014 00:16:05	13.51	43.52	28.04	6.32	8.18	4.7	3.101	72.1	2.3	1.6	0.5
1305	12/4/2014 00:31:05	13.52	43.55	28.07	6.31	8.18	4.2	3.029	72.2	1.9	1.3	0.5
1306	12/4/2014 00:46:05	13.49	43.48	28.01	6.28	8.17	4.3	2.943	71.7	1.6	1.1	0.4
1307	12/4/2014 01:01:05	13.46	43.41	27.96	6.28	8.16	4.2	2.876	71.6	2.2	1.6	0.5
1308	12/4/2014 01:16:05	13.42	43.48	28.01	6.24	8.15	4.2	2.807	71.2	2.3	1.6	0.5
1309	12/4/2014 01:31:05	13.35	42.99	27.66	6.27	8.14	3.7	2.736	71.2	2.1	1.5	0.5
1310	12/4/2014 01:46:05	13.32	42.83	27.54	6.30	8.13	3.6	2.670	71.5	2.4	1.7	0.6
1311	12/4/2014 02:01:05	13.32	43.36	27.93	6.27	8.14	3.8	2.612	71.3	2.2	1.6	0.5
1312	12/4/2014 02:16:05	13.32	42.87	27.58	6.31	8.15	3.4	2.564	71.6	1.7	1.2	0.4
1313	12/4/2014 02:31:05	13.31	42.92	27.61	6.31	8.14	3.2	2.509	71.6	2.1	1.5	0.5
1314	12/4/2014 02:46:04	13.34	43.12	27.75	6.31	8.15	3.3	2.470	71.7	2.2	1.6	0.5
1315	12/4/2014 03:01:05	13.32	43.09	27.73	6.32	8.14	3.0	2.443	71.8	1.9	1.3	0.4
1316	12/4/2014 03:16:04	13.29	43.27	27.86	6.26	8.14	3.1	2.425	71.1	1.9	1.3	0.4
1317	12/4/2014 03:31:05	13.29	43.24	27.84	6.22	8.13	2.7	2.416	70.6	2.5	1.8	0.6
1318	12/4/2014 03:46:05	13.31	42.62	27.40	6.26	8.14	3.1	2.421	70.9	2.2	1.6	0.5
1319	12/4/2014 04:01:05	13.33	42.44	27.27	6.27	8.13	3.2	2.448	71.1	2.1	1.5	0.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+ NTU	Depth meters	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
			mS/cm		mg/L	pH				ug/L	(Corrected ratio = 0.71)	%FS
1320	12/4/2014 04:16:05	13.34	42.18	27.09	6.31	8.14	3.4	2.487	71.4	2.3	1.6	0.5
1321	12/4/2014 04:31:04	13.32	41.93	26.91	6.23	8.13	3.7	2.541	70.4	2.3	1.6	0.5
1322	12/4/2014 04:46:05	13.25	41.69	26.73	6.26	8.13	4.8	2.601	70.5	2.3	1.6	0.5
1323	12/4/2014 05:01:05	13.27	41.84	26.84	6.31	8.13	4.4	2.669	71.2	2.0	1.4	0.5
1324	12/4/2014 05:16:05	13.31	42.04	26.98	6.28	8.14	4.3	2.747	71.0	2.2	1.6	0.5
1325	12/4/2014 05:31:05	13.36	42.25	27.13	6.29	8.15	4.4	2.829	71.2	2.3	1.6	0.5
1326	12/4/2014 05:46:05	13.45	42.59	27.38	6.32	8.16	4.7	2.916	71.9	1.9	1.3	0.5
1327	12/4/2014 06:01:05	13.49	42.77	27.51	6.35	8.17	4.8	3.011	72.3	2.2	1.6	0.5
1328	12/4/2014 06:16:05	13.53	42.84	27.56	6.33	8.18	5.1	3.109	72.1	1.9	1.3	0.5
1329	12/4/2014 06:31:05	13.55	43.00	27.67	6.35	8.18	5.4	3.205	72.5	1.9	1.3	0.5
1330	12/4/2014 06:46:04	13.63	43.33	27.91	6.32	8.20	5.6	3.308	72.4	1.8	1.3	0.4
1331	12/4/2014 07:01:05	13.70	43.40	27.96	6.35	8.21	5.6	3.422	72.8	2.0	1.4	0.5
1332	12/4/2014 07:16:05	13.80	43.65	28.14	6.33	8.23	7.6	3.521	72.8	1.9	1.3	0.4
1333	12/4/2014 07:31:05	13.92	43.90	28.32	6.35	8.24	6.1	3.621	73.3	2.2	1.6	0.5
1334	12/4/2014 07:46:05	13.97	43.70	28.19	6.34	8.25	6.7	3.727	73.1	2.0	1.4	0.5
1335	12/4/2014 08:01:04	14.05	43.96	28.37	6.39	8.27	6.2	3.822	74.0	1.3	0.9	0.3
1336	12/4/2014 08:16:05	14.11	44.17	28.53	6.42	8.28	5.5	3.910	74.4	1.6	1.1	0.4
1337	12/4/2014 08:31:05	14.17	44.15	28.51	6.41	8.28	5.0	3.996	74.4	1.6	1.1	0.4
1338	12/4/2014 08:46:04	14.21	44.12	28.49	6.42	8.29	3.9	4.069	74.6	1.2	0.9	0.3
1339	12/4/2014 09:01:04	14.24	44.31	28.63	6.42	8.29	3.6	4.130	74.7	1.9	1.3	0.4
1340	12/4/2014 09:16:04	14.24	44.14	28.50	6.35	8.29	3.0	4.177	73.9	1.4	1.0	0.3
1341	12/4/2014 09:31:05	14.24	44.38	28.68	6.38	8.29	3.1	4.210	74.3	1.5	1.1	0.4
1342	12/4/2014 09:46:04	14.23	44.34	28.65	6.29	8.29	2.8	4.228	73.2	2.1	1.5	0.5
1343	12/4/2014 10:01:04	14.19	44.07	28.45	6.31	8.28	3.4	4.214	73.2	1.5	1.1	0.4
1344	12/4/2014 10:16:04	14.08	44.24	28.57	6.29	8.26	3.7	4.180	72.9	1.6	1.1	0.4
1345	12/4/2014 10:31:05	14.14	44.27	28.59	6.29	8.27	3.3	4.117	73.0	1.7	1.2	0.4
1346	12/4/2014 10:46:04	14.15	43.96	28.37	6.40	8.27	3.9	4.032	74.2	1.9	1.3	0.4
1347	12/4/2014 11:01:05	14.14	44.45	28.72	6.33	8.26	3.9	3.945	73.5	2.1	1.5	0.5
1348	12/4/2014 11:16:05	14.00	43.79	28.25	6.26	8.24	3.9	3.831	72.3	1.8	1.3	0.4
1349	12/4/2014 11:31:04	13.96	43.54	28.07	6.34	8.22	4.7	3.720	73.1	1.8	1.3	0.4
1350	12/4/2014 11:46:04	13.94	43.16	27.80	6.40	8.22	3.6	3.607	73.7	2.0	1.4	0.5
1351	12/4/2014 12:01:05	13.90	43.00	27.69	6.40	8.21	3.3	3.487	73.6	1.6	1.1	0.4
1352	12/4/2014 12:16:05	13.89	42.82	27.55	6.44	8.21	3.6	3.361	74.0	1.3	0.9	0.3
1353	12/4/2014 12:31:05	13.84	42.75	27.50	6.45	8.20	4.2	3.238	73.9	2.1	1.5	0.5
1354	12/4/2014 12:46:05	13.91	42.89	27.60	6.46	8.20	3.8	3.114	74.2	1.7	1.2	0.4
1355	12/4/2014 13:01:05	13.88	42.57	27.38	6.48	8.20	4.0	2.981	74.3	2.2	1.6	0.5
1356	12/4/2014 13:16:05	13.93	42.76	27.51	6.40	8.20	5.0	2.851	73.5	2.1	1.5	0.5
1357	12/4/2014 13:31:04	14.12	43.17	27.81	6.47	8.22	4.3	2.726	74.7	1.8	1.3	0.4
1358	12/4/2014 13:46:05	14.16	42.93	27.64	6.58	8.23	4.4	2.582	76.0	1.9	1.3	0.4
1359	12/4/2014 14:01:05	13.96	42.52	27.34	6.54	8.20	5.1	2.455	75.1	2.0	1.4	0.5
1360	12/4/2014 14:16:04	13.91	42.34	27.21	6.53	8.18	5.3	2.316	74.8	2.1	1.5	0.5
1361	12/4/2014 14:31:05	14.01	42.37	27.23	6.56	8.19	6.7	2.182	75.3	2.0	1.4	0.5
1362	12/4/2014 14:46:04	13.89	42.17	27.09	6.67	8.18	6.6	2.060	76.3	2.7	1.9	0.6
1363	12/4/2014 15:01:05	13.91	42.21	27.12	6.69	8.19	6.4	1.925	76.6	2.1	1.5	0.5

sonde #2			Indian Island Long-Term Deployment Water Quality Data									
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc		Turbidity+ NTU	Depth meters	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
					mg/L	pH				ug/L	(Corrected ratio = 0.71)	%FS
1364	12/4/2014 15:16:05	13.93	41.99	26.96	6.79	8.19	8.1	1.805	77.7	2.5	1.8	0.6
1365	12/4/2014 15:31:05	13.98	41.92	26.91	6.82	8.20	8.4	1.686	78.2	2.3	1.6	0.5
1366	12/4/2014 15:46:05	13.87	41.73	26.78	6.91	8.19	5.9	1.590	78.9	2.2	1.6	0.5
1367	12/4/2014 16:01:05	13.83	41.86	26.87	6.87	8.19	5.5	1.526	78.4	2.3	1.6	0.6
1368	12/4/2014 16:16:05	13.83	41.42	26.55	6.87	8.19	6.1	1.465	78.3	2.4	1.7	0.6
1369	12/4/2014 16:31:05	13.82	41.39	26.54	6.95	8.20	6.1	1.443	79.2	2.4	1.7	0.6
1370	12/4/2014 16:46:05	13.84	41.51	26.62	6.93	8.19	5.7	1.446	79.1	2.1	1.5	0.5
1371	12/4/2014 17:01:05	13.83	41.59	26.68	6.86	8.19	5.2	1.481	78.2	2.7	1.9	0.6
1372	12/4/2014 17:16:05	13.81	41.37	26.52	6.83	8.19	4.4	1.545	77.8	1.9	1.3	0.5
1373	12/4/2014 17:31:05	13.76	41.31	26.48	6.77	8.17	5.4	1.614	77.0	3.7	2.6	0.9
1374	12/4/2014 17:46:04	13.77	40.97	26.23	6.73	8.16	5.3	1.714	76.5	6.9	4.9	1.6
1375	12/4/2014 18:01:05	13.79	40.94	26.22	6.69	8.16	5.6	1.819	76.0	3.9	2.8	0.9
1376	12/4/2014 18:16:05	13.80	40.88	26.18	6.63	8.15	6.5	1.908	75.4	3.6	2.6	0.9
1377	12/4/2014 18:31:05	13.80	40.72	26.06	6.63	8.15	5.8	2.018	75.2	2.6	1.8	0.6
1378	12/4/2014 18:46:05	13.81	41.01	26.27	6.59	8.15	5.3	2.110	75.0	2.4	1.7	0.6
1379	12/4/2014 19:01:05	13.82	41.56	26.66	6.49	8.16	5.1	2.217	74.0	2.5	1.8	0.6
1380	12/4/2014 19:16:04	13.81	41.77	26.80	6.44	8.15	5.0	2.303	73.5	5.9	4.2	1.4
1381	12/4/2014 19:31:05	13.82	42.01	26.98	6.36	8.15	5.3	2.402	72.6	1.9	1.3	0.5
1382	12/4/2014 19:46:04	13.81	42.00	26.97	6.34	8.15	5.3	2.503	72.3	1.9	1.3	0.5
1383	12/4/2014 20:01:05	13.81	41.92	26.91	6.31	8.15	5.7	2.598	72.0	2.5	1.8	0.6
1384	12/4/2014 20:16:05	13.82	42.13	27.06	6.32	8.16	6.2	2.689	72.3	1.8	1.3	0.4
1385	12/4/2014 20:31:05	13.83	42.28	27.17	6.32	8.16	6.4	2.779	72.2	2.3	1.6	0.5
1386	12/4/2014 20:46:05	13.84	42.27	27.16	6.32	8.17	7.2	2.876	72.3	2.4	1.7	0.6
1387	12/4/2014 21:01:05	13.89	42.44	27.28	6.32	8.18	7.5	2.975	72.5	2.1	1.5	0.5
1388	12/4/2014 21:16:04	13.92	42.62	27.41	6.36	8.19	7.7	3.073	72.9	1.9	1.3	0.4
1389	12/4/2014 21:31:05	13.98	42.86	27.58	6.30	8.20	8.0	3.163	72.5	2.0	1.4	0.5
1390	12/4/2014 21:46:05	14.07	43.11	27.77	6.31	8.22	7.9	3.256	72.8	2.3	1.6	0.5
1391	12/4/2014 22:01:05	14.14	43.32	27.91	6.25	8.23	8.0	3.338	72.2	3.6	2.6	0.8
1392	12/4/2014 22:16:05	14.20	43.35	27.94	6.32	8.24	6.8	3.419	73.2	2.8	2.0	0.7
1393	12/4/2014 22:31:05	14.32	43.27	27.88	6.38	8.26	5.6	3.492	74.1	2.6	1.8	0.6
1394	12/4/2014 22:46:04	14.34	43.25	27.87	6.45	8.27	4.9	3.541	74.8	2.0	1.4	0.5
1395	12/4/2014 23:01:04	14.30	43.04	27.72	6.34	8.26	4.3	3.587	73.4	1.9	1.3	0.5
1396	12/4/2014 23:16:04	14.34	42.95	27.66	6.35	8.27	3.8	3.604	73.6	2.2	1.6	0.5
1397	12/4/2014 23:31:04	14.09	42.92	27.63	6.22	8.22	4.1	3.613	71.7	2.6	1.8	0.6
1398	12/4/2014 23:46:04	14.34	43.44	28.00	6.36	8.26	4.2	3.588	73.9	1.9	1.3	0.4
1399	12/5/2014 00:01:05	13.94	43.18	27.81	6.17	8.19	4.7	3.547	71.1	2.4	1.7	0.6
1400	12/5/2014 00:16:04	13.98	42.94	27.64	6.39	8.20	4.3	3.491	73.5	2.3	1.6	0.5
1401	12/5/2014 00:31:05	14.10	43.20	27.83	6.25	8.22	4.5	3.421	72.2	2.4	1.7	0.6
1402	12/5/2014 00:46:05	13.98	42.95	27.65	6.23	8.20	4.5	3.336	71.7	2.1	1.5	0.5
1403	12/5/2014 01:01:05	13.93	42.76	27.52	6.17	8.18	4.3	3.250	70.9	3.6	2.6	0.8
1404	12/5/2014 01:16:05	13.95	42.70	27.47	6.22	8.19	5.1	3.177	71.5	2.3	1.6	0.5
1405	12/5/2014 01:31:04	13.95	42.72	27.48	6.21	8.19	4.7	3.092	71.3	2.2	1.6	0.5
1406	12/5/2014 01:46:05	13.92	42.72	27.48	6.19	8.18	4.0	3.012	71.1	2.0	1.4	0.5
1407	12/5/2014 02:01:05	13.86	42.58	27.38	6.23	8.17	3.5	2.953	71.4	2.0	1.4	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.71)	Fluorescence %FS
1408	12/5/2014 02:16:05	13.84	42.52	27.34	6.21	8.16	3.3	2.877	71.2	1.9	1.3	0.4
1409	12/5/2014 02:31:05	13.79	42.33	27.20	6.19	8.15	3.4	2.807	70.7	2.1	1.5	0.5
1410	12/5/2014 02:46:04	13.77	42.10	27.04	6.15	8.14	3.5	2.756	70.2	2.3	1.6	0.5
1411	12/5/2014 03:01:04	13.72	41.80	26.82	6.18	8.13	3.5	2.703	70.3	2.0	1.4	0.5
1412	12/5/2014 03:16:05	13.73	41.92	26.91	6.13	8.13	3.5	2.649	69.9	2.2	1.6	0.5
1413	12/5/2014 03:31:04	13.73	41.92	26.91	6.18	8.14	3.2	2.609	70.5	2.0	1.4	0.5
1414	12/5/2014 03:46:04	13.73	41.99	26.96	6.19	8.14	3.4	2.572	70.6	2.0	1.4	0.5
1415	12/5/2014 04:01:05	13.71	41.89	26.89	6.17	8.13	3.2	2.551	70.2	1.8	1.3	0.4
1416	12/5/2014 04:16:05	13.71	42.32	27.19	6.12	8.13	3.0	2.549	69.8	1.8	1.3	0.4
1417	12/5/2014 04:31:05	13.75	42.40	27.25	6.14	8.13	3.3	2.547	70.1	2.0	1.4	0.5
1418	12/5/2014 04:46:05	13.77	42.56	27.36	6.17	8.14	3.6	2.579	70.6	2.0	1.4	0.5
1419	12/5/2014 05:01:05	13.77	42.16	27.08	6.21	8.14	3.6	2.605	70.9	2.1	1.5	0.5
1420	12/5/2014 05:16:05	13.74	42.17	27.09	6.12	8.13	3.9	2.638	69.9	1.5	1.1	0.4
1421	12/5/2014 05:31:04	13.77	42.18	27.09	6.19	8.14	4.0	2.700	70.6	1.7	1.2	0.4
1422	12/5/2014 05:46:05	13.74	42.07	27.02	6.20	8.14	4.2	2.765	70.7	2.3	1.6	0.5
1423	12/5/2014 06:01:05	13.77	42.32	27.19	6.14	8.14	4.0	2.833	70.1	2.2	1.6	0.5
1424	12/5/2014 06:16:04	13.80	42.40	27.25	6.20	8.15	4.5	2.918	71.0	2.1	1.5	0.5
1425	12/5/2014 06:31:05	13.89	42.71	27.48	6.17	8.17	4.7	3.002	70.8	1.9	1.3	0.4
1426	12/5/2014 06:46:05	13.95	43.28	27.88	6.19	8.19	4.7	3.081	71.3	1.6	1.1	0.4
1427	12/5/2014 07:01:04	13.99	43.10	27.76	6.21	8.20	5.0	3.188	71.5	3.2	2.3	0.8
1428	12/5/2014 07:16:04	14.04	43.31	27.90	6.24	8.21	5.8	3.285	72.0	3.0	2.1	0.7
1429	12/5/2014 07:31:05	14.11	43.26	27.87	6.24	8.22	6.2	3.385	72.0	4.1	2.9	1.0
1430	12/5/2014 07:46:04	14.17	43.22	27.85	6.23	8.23	6.9	3.491	72.1	3.1	2.2	0.7
1431	12/5/2014 08:01:05	14.23	43.11	27.77	6.37	8.24	6.7	3.593	73.7	2.1	1.5	0.5
1432	12/5/2014 08:16:05	14.35	43.15	27.80	6.32	8.27	7.0	3.694	73.3	2.1	1.5	0.5
1433	12/5/2014 08:31:04	14.42	43.12	27.78	6.36	8.28	7.9	3.796	73.9	1.8	1.3	0.4
1434	12/5/2014 08:46:04	14.48	43.16	27.81	6.37	8.29	6.5	3.886	74.1	2.5	1.8	0.6
1435	12/5/2014 09:01:05	14.53	43.50	28.06	6.40	8.30	6.5	3.979	74.7	2.0	1.4	0.5
1436	12/5/2014 09:16:04	14.54	43.53	28.07	6.38	8.30	6.5	4.060	74.5	2.1	1.5	0.5
1437	12/5/2014 09:31:05	14.56	43.71	28.21	6.39	8.31	4.7	4.128	74.7	2.5	1.8	0.6
1438	12/5/2014 09:46:05	14.56	43.70	28.20	6.35	8.31	4.3	4.188	74.2	1.8	1.3	0.4
1439	12/5/2014 10:01:05	14.51	43.97	28.39	6.35	8.30	3.8	4.242	74.2	1.5	1.1	0.4
Mean		13.41	45.53	29.48	7.48	8.18	5.01	2.81	86.04	2.40	1.71	0.57
Minimum		12.49	40.72	26.06	6.12	8.01	1.70	1.12	69.80	1.20	0.85	0.30
Maximum		14.56	49.93	32.67	8.94	8.31	20.00	4.24	103.90	8.10	5.75	1.90

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

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.71)	Fluorescence %FS

Chlorophyll/Fluorescence displayed as *in vivo* (non-extractive) readings from YSI 6025 chlorophyll probe

Chlorophyll corrected with ratio derived from extractive analysis; Sample collected at 9:30; value = 2.24

Flagged data due to suspect values (i.e., equipment malfunction, interference, etc.)

Data listed as outlier and discarded due to field issues (i.e., equipment malfunction, interference, etc.)

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
0	12/5/2014 10:31:10	14.32	47.72	31.09	8.97	8.07	4.5	4.320	106.2	1.2	0.5	0.3
1	12/5/2014 10:46:11	14.38	47.88	31.20	8.62	8.09	4.0	4.298	102.2	1.0	0.4	0.2
2	12/5/2014 11:01:10	14.54	47.78	31.13	8.66	8.11	4.1	4.243	103.0	1.2	0.5	0.3
3	12/5/2014 11:16:10	14.57	48.07	31.34	8.71	8.13	3.6	4.181	103.8	1.1	0.5	0.3
4	12/5/2014 11:31:11	14.59	48.05	31.33	8.74	8.14	3.6	4.097	104.1	0.9	0.4	0.2
5	12/5/2014 11:46:11	14.64	48.16	31.41	8.76	8.14	3.7	3.988	104.6	1.0	0.4	0.2
6	12/5/2014 12:01:11	14.48	47.81	31.15	8.65	8.11	4.3	3.888	102.8	1.3	0.6	0.3
7	12/5/2014 12:16:11	14.57	47.95	31.26	8.72	8.13	4.9	3.767	103.8	1.6	0.7	0.4
8	12/5/2014 12:31:11	14.54	47.87	31.20	8.67	8.12	4.6	3.651	103.2	1.4	0.6	0.3
9	12/5/2014 12:46:11	14.48	47.69	31.07	8.66	8.11	4.4	3.533	102.9	1.4	0.6	0.3
10	12/5/2014 13:01:11	14.46	47.83	31.17	8.64	8.10	3.7	3.404	102.6	1.4	0.6	0.3
11	12/5/2014 13:16:11	14.40	47.69	31.07	8.66	8.09	4.1	3.263	102.6	1.2	0.5	0.3
12	12/5/2014 13:31:11	14.40	47.66	31.05	8.68	8.08	4.8	3.139	102.9	0.7	0.3	0.2
13	12/5/2014 13:46:11	14.34	47.56	30.97	8.66	8.07	4.7	2.998	102.4	1.2	0.5	0.3
14	12/5/2014 14:01:11	14.35	47.59	30.99	8.64	8.07	5.9	2.865	102.2	1.8	0.8	0.4
15	12/5/2014 14:16:10	14.47	47.77	31.12	8.62	8.09	5.9	2.740	102.3	1.3	0.6	0.3
16	12/5/2014 14:31:11	14.37	47.55	30.96	8.69	8.07	6.1	2.601	102.9	1.6	0.7	0.4
17	12/5/2014 14:46:11	14.32	47.34	30.81	8.61	8.05	5.9	2.470	101.7	1.0	0.4	0.2
18	12/5/2014 15:01:11	14.27	47.23	30.73	8.63	8.04	8.4	2.322	101.8	1.7	0.7	0.4
19	12/5/2014 15:16:11	14.23	47.14	30.66	8.61	8.03	7.9	2.190	101.4	1.5	0.7	0.4
20	12/5/2014 15:31:11	14.18	46.80	30.42	8.64	8.02	7.8	2.055	101.6	2.4	1.1	0.6
21	12/5/2014 15:46:11	14.15	46.70	30.35	8.69	8.01	7.7	1.925	102.0	1.7	0.7	0.4
22	12/5/2014 16:01:11	14.16	46.62	30.28	8.72	8.01	7.7	1.794	102.4	1.8	0.8	0.4
23	12/5/2014 16:16:11	14.15	46.48	30.19	8.75	8.01	7.7	1.690	102.7	2.0	0.9	0.5
24	12/5/2014 16:31:11	14.14	46.14	29.94	8.80	8.01	7.2	1.593	103.1	1.3	0.6	0.3
25	12/5/2014 16:46:11	14.15	46.21	29.99	8.80	8.01	11.3	1.498	103.1	2.0	0.9	0.5
26	12/5/2014 17:01:11	14.15	46.01	29.84	8.82	8.01	41.0	1.451	103.3	3.6	1.6	0.8
27	12/5/2014 17:16:11	14.15	46.01	29.85	8.81	8.01	17.7	1.436	103.1	2.7	1.2	0.6
28	12/5/2014 17:31:11	14.16	45.95	29.80	8.76	8.01	13.8	1.434	102.5	2.3	1.0	0.5
29	12/5/2014 17:46:11	14.16	45.96	29.81	8.76	8.01	11.7	1.483	102.5	2.1	0.9	0.5
30	12/5/2014 18:01:11	14.16	46.06	29.88	8.74	8.01	15.5	1.553	102.3	2.3	1.0	0.6
31	12/5/2014 18:16:11	14.15	46.08	29.89	8.74	8.00	13.7	1.640	102.3	2.2	1.0	0.5
32	12/5/2014 18:31:11	14.15	45.52	29.49	8.69	7.99	14.7	1.759	101.5	1.9	0.8	0.5
33	12/5/2014 18:46:11	14.16	45.30	29.33	8.67	7.99	16.2	1.853	101.1	2.6	1.1	0.6
34	12/5/2014 19:01:11	14.16	44.63	28.85	8.68	7.99	15.8	1.972	101.0	2.5	1.1	0.6
35	12/5/2014 19:16:11	14.15	44.92	29.06	8.67	7.99	16.2	2.062	101.0	3.1	1.4	0.7
36	12/5/2014 19:31:10	14.14	45.31	29.34	8.64	7.99	12.5	2.176	100.8	2.0	0.9	0.5
37	12/5/2014 19:46:11	14.15	45.94	29.80	8.58	8.00	10.1	2.281	100.3	2.2	1.0	0.5
38	12/5/2014 20:01:11	14.16	46.00	29.84	8.54	8.00	8.7	2.375	99.9	1.9	0.8	0.4
39	12/5/2014 20:16:11	14.17	46.44	30.16	8.49	8.00	8.5	2.467	99.6	1.4	0.6	0.3
40	12/5/2014 20:31:11	14.19	46.56	30.24	8.45	8.00	8.4	2.570	99.2	1.7	0.7	0.4
41	12/5/2014 20:46:11	14.18	46.65	30.31	8.44	8.00	9.5	2.672	99.1	1.6	0.7	0.4
42	12/5/2014 21:01:11	14.19	46.73	30.37	8.44	8.00	11.1	2.753	99.1	1.8	0.8	0.4
43	12/5/2014 21:16:11	14.20	46.79	30.41	8.43	8.01	11.8	2.873	99.2	1.7	0.7	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
44	12/5/2014 21:31:11	14.23	47.14	30.66	8.43	8.02	12.2	2.960	99.3	1.8	0.8	0.4
45	12/5/2014 21:46:11	14.28	47.29	30.77	8.45	8.04	10.7	3.049	99.7	1.7	0.7	0.4
46	12/5/2014 22:01:11	14.31	47.32	30.80	8.46	8.04	11.2	3.171	100.0	2.3	1.0	0.5
47	12/5/2014 22:16:11	14.33	47.56	30.97	8.47	8.05	12.9	3.258	100.2	1.5	0.7	0.3
48	12/5/2014 22:31:11	14.39	47.62	31.02	8.48	8.07	12.0	3.346	100.4	2.1	0.9	0.5
49	12/5/2014 22:46:11	14.45	47.86	31.19	8.51	8.08	12.2	3.455	101.0	1.8	0.8	0.4
50	12/5/2014 23:01:11	14.50	47.93	31.24	8.52	8.10	11.7	3.540	101.3	2.1	0.9	0.5
51	12/5/2014 23:16:11	14.54	48.13	31.39	8.52	8.11	9.4	3.593	101.5	1.5	0.7	0.4
52	12/5/2014 23:31:11	14.57	47.99	31.29	8.54	8.11	6.9	3.671	101.8	1.4	0.6	0.3
53	12/5/2014 23:46:11	14.57	48.08	31.35	8.53	8.12	5.3	3.723	101.6	1.5	0.7	0.3
54	12/6/2014 00:01:11	14.58	48.18	31.43	8.52	8.12	4.0	3.740	101.6	1.8	0.8	0.4
55	12/6/2014 00:16:11	14.53	48.12	31.38	8.43	8.10	4.7	3.742	100.4	1.5	0.7	0.4
56	12/6/2014 00:31:11	14.57	48.04	31.32	8.52	8.12	5.4	3.725	101.5	1.3	0.6	0.3
57	12/6/2014 00:46:11	14.57	48.24	31.47	8.51	8.12	6.0	3.690	101.5	1.3	0.6	0.3
58	12/6/2014 01:01:11	14.54	48.24	31.47	8.49	8.11	6.2	3.630	101.2	1.6	0.7	0.4
59	12/6/2014 01:16:11	14.28	47.78	31.13	8.46	8.07	8.1	3.539	100.1	2.0	0.9	0.5
60	12/6/2014 01:31:11	14.34	47.89	31.21	8.48	8.08	7.5	3.479	100.5	1.7	0.7	0.4
61	12/6/2014 01:46:11	14.28	47.78	31.13	8.43	8.07	7.7	3.400	99.7	1.4	0.6	0.3
62	12/6/2014 02:01:11	14.24	47.27	30.76	8.41	8.05	11.7	3.316	99.2	1.7	0.7	0.4
63	12/6/2014 02:16:11	14.21	47.22	30.72	8.39	8.04	9.2	3.245	98.9	2.1	0.9	0.5
64	12/6/2014 02:31:11	14.18	47.27	30.75	8.36	8.04	8.7	3.157	98.5	1.9	0.8	0.5
65	12/6/2014 02:46:11	14.09	47.09	30.62	8.33	8.02	6.7	3.089	97.8	1.5	0.7	0.3
66	12/6/2014 03:01:11	13.97	46.51	30.20	8.33	8.00	7.6	3.024	97.4	1.6	0.7	0.4
67	12/6/2014 03:16:11	13.92	46.03	29.85	8.32	7.98	7.6	2.954	97.0	1.3	0.6	0.3
68	12/6/2014 03:31:11	13.89	46.08	29.89	8.31	7.98	7.7	2.879	96.8	1.9	0.8	0.4
69	12/6/2014 03:46:11	13.90	46.30	30.05	8.30	7.98	7.3	2.846	96.7	1.6	0.7	0.4
70	12/6/2014 04:01:11	13.90	46.38	30.11	8.31	8.00	6.9	2.775	96.9	1.7	0.7	0.4
71	12/6/2014 04:16:11	13.89	46.53	30.21	8.34	8.00	7.0	2.734	97.3	1.4	0.6	0.3
72	12/6/2014 04:31:11	13.87	46.21	29.98	8.34	8.00	7.1	2.714	97.2	1.7	0.7	0.4
73	12/6/2014 04:46:11	13.85	46.18	29.96	8.34	7.99	6.4	2.681	97.1	1.4	0.6	0.3
74	12/6/2014 05:01:11	13.84	46.29	30.04	8.25	7.99	6.9	2.658	96.1	1.9	0.8	0.4
75	12/6/2014 05:16:11	13.88	46.40	30.12	8.23	7.99	6.3	2.661	96.0	1.5	0.7	0.4
76	12/6/2014 05:31:11	13.98	46.55	30.23	8.26	7.98	5.4	2.674	96.6	1.4	0.6	0.3
77	12/6/2014 05:46:11	14.00	46.74	30.37	8.27	7.99	5.4	2.689	96.8	1.3	0.6	0.3
78	12/6/2014 06:01:11	13.99	46.46	30.17	8.28	7.99	5.7	2.726	96.8	1.3	0.6	0.3
79	12/6/2014 06:16:11	14.00	46.66	30.31	8.28	7.99	5.6	2.776	96.9	1.4	0.6	0.3
80	12/6/2014 06:31:11	13.96	46.38	30.11	8.27	7.99	6.3	2.845	96.6	1.6	0.7	0.4
81	12/6/2014 06:46:11	13.89	46.28	30.04	8.25	7.98	7.7	2.907	96.1	1.8	0.8	0.4
82	12/6/2014 07:01:11	13.98	46.76	30.38	8.27	8.00	7.3	2.994	96.8	0.9	0.4	0.2
83	12/6/2014 07:16:11	14.05	47.01	30.56	8.29	8.01	7.7	3.087	97.2	1.7	0.7	0.4
84	12/6/2014 07:31:11	14.13	47.30	30.78	8.34	8.04	7.8	3.160	98.1	1.1	0.5	0.3
85	12/6/2014 07:46:11	14.16	47.35	30.81	8.37	8.04	7.3	3.264	98.6	1.1	0.5	0.3
86	12/6/2014 08:01:11	14.19	47.53	30.94	8.37	8.05	7.8	3.363	98.8	1.6	0.7	0.4
87	12/6/2014 08:16:11	14.22	47.71	31.08	8.38	8.06	8.8	3.463	99.0	1.6	0.7	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
88	12/6/2014 08:31:11	14.29	47.66	31.04	8.41	8.07	8.1	3.560	99.4	1.0	0.4	0.2
89	12/6/2014 08:46:11	14.35	47.96	31.26	8.42	8.09	7.2	3.658	99.9	1.0	0.4	0.2
90	12/6/2014 09:01:11	14.40	48.06	31.34	8.44	8.10	8.0	3.755	100.2	1.1	0.5	0.3
91	12/6/2014 09:16:11	14.46	48.36	31.56	8.46	8.12	8.0	3.836	100.8	1.3	0.6	0.3
92	12/6/2014 09:31:10	14.50	48.42	31.60	8.60	8.13	7.6	3.934	102.5	1.1	0.5	0.3
93	12/6/2014 09:46:11	14.53	48.47	31.64	8.65	8.14	7.3	4.019	103.1	0.7	0.3	0.2
94	12/6/2014 10:01:10	14.57	48.36	31.55	8.64	8.15	5.7	4.085	103.0	1.0	0.4	0.2
95	12/6/2014 10:16:10	14.59	48.64	31.76	8.63	8.16	5.1	4.159	103.1	0.7	0.3	0.2
96	12/6/2014 10:31:11	14.61	48.75	31.84	8.64	8.16	3.7	4.201	103.4	1.2	0.5	0.3
97	12/6/2014 10:46:11	14.62	48.63	31.75	8.64	8.16	3.6	4.247	103.3	1.2	0.5	0.3
98	12/6/2014 11:01:11	14.63	48.60	31.73	8.62	8.16	3.3	4.264	103.0	1.4	0.6	0.3
99	12/6/2014 11:16:11	14.53	48.71	31.81	8.51	8.14	3.6	4.270	101.5	1.3	0.6	0.3
100	12/6/2014 11:31:11	14.59	48.35	31.55	8.51	8.15	3.6	4.238	101.6	0.6	0.3	0.1
101	12/6/2014 11:46:11	14.59	48.64	31.76	8.55	8.15	5.0	4.190	102.1	0.9	0.4	0.2
102	12/6/2014 12:01:11	14.57	48.56	31.70	8.56	8.14	4.3	4.125	102.2	1.4	0.6	0.3
103	12/6/2014 12:16:11	14.58	48.45	31.62	8.59	8.12	4.9	4.026	102.5	1.6	0.7	0.4
104	12/6/2014 12:31:11	14.56	48.19	31.43	8.58	8.11	4.5	3.912	102.3	1.4	0.6	0.3
105	12/6/2014 12:46:11	14.47	48.01	31.30	8.54	8.09	4.7	3.827	101.5	1.4	0.6	0.3
106	12/6/2014 13:01:11	14.42	47.90	31.22	8.53	8.08	6.4	3.714	101.3	1.5	0.7	0.3
107	12/6/2014 13:16:11	14.44	47.73	31.09	8.57	8.08	5.6	3.586	101.6	1.7	0.7	0.4
108	12/6/2014 13:31:11	14.47	47.85	31.18	8.56	8.09	5.3	3.461	101.7	1.6	0.7	0.4
109	12/6/2014 13:46:11	14.38	47.37	30.83	8.58	8.06	6.8	3.345	101.5	1.4	0.6	0.3
110	12/6/2014 14:01:11	14.40	47.43	30.88	8.55	8.06	6.5	3.225	101.2	1.4	0.6	0.3
111	12/6/2014 14:16:11	14.36	47.30	30.78	8.53	8.05	6.4	3.080	100.9	1.4	0.6	0.3
112	12/6/2014 14:31:11	14.37	47.28	30.77	8.57	8.05	6.7	2.947	101.3	1.4	0.6	0.3
113	12/6/2014 14:46:11	14.50	47.77	31.13	8.62	8.08	5.9	2.813	102.4	1.9	0.8	0.5
114	12/6/2014 15:01:11	14.45	47.51	30.94	8.62	8.07	6.6	2.679	102.2	1.7	0.7	0.4
115	12/6/2014 15:16:11	14.33	47.19	30.70	8.61	8.04	8.4	2.535	101.8	1.6	0.7	0.4
116	12/6/2014 15:31:11	14.43	47.29	30.78	8.64	8.05	6.7	2.389	102.3	1.7	0.7	0.4
117	12/6/2014 15:46:11	14.28	47.06	30.61	8.63	8.03	7.2	2.250	101.8	1.7	0.7	0.4
118	12/6/2014 16:01:11	14.20	46.80	30.42	8.65	8.02	7.2	2.109	101.7	1.7	0.7	0.4
119	12/6/2014 16:16:11	14.12	46.48	30.18	8.68	8.01	8.0	1.966	101.8	2.2	1.0	0.5
120	12/6/2014 16:31:11	14.09	46.48	30.18	8.69	8.01	8.4	1.819	101.8	1.7	0.7	0.4
121	12/6/2014 16:46:11	14.03	46.31	30.06	8.70	8.00	7.9	1.707	101.7	1.2	0.5	0.3
122	12/6/2014 17:01:11	13.97	46.01	29.84	8.72	8.00	7.5	1.592	101.7	1.5	0.7	0.4
123	12/6/2014 17:16:11	13.96	45.99	29.82	8.74	8.00	7.9	1.479	101.8	1.9	0.8	0.4
124	12/6/2014 17:31:11	13.91	45.78	29.67	8.75	7.99	7.2	1.404	101.8	1.8	0.8	0.4
125	12/6/2014 17:46:11	13.87	45.59	29.54	8.76	7.99	6.2	1.372	101.8	2.0	0.9	0.5
126	12/6/2014 18:01:11	13.86	45.81	29.70	8.66	7.99	7.2	1.357	100.6	2.3	1.0	0.5
127	12/6/2014 18:16:11	13.90	45.77	29.66	8.72	7.99	6.6	1.378	101.4	2.0	0.9	0.5
128	12/6/2014 18:31:11	13.92	45.87	29.74	8.72	7.99	5.7	1.458	101.5	1.7	0.7	0.4
129	12/6/2014 18:46:11	13.92	45.80	29.69	8.72	7.99	6.1	1.548	101.5	1.9	0.8	0.4
130	12/6/2014 19:01:11	13.86	44.61	28.83	8.66	7.97	8.6	1.618	100.1	1.9	0.8	0.4
131	12/6/2014 19:16:11	13.90	44.41	28.69	8.63	7.97	8.7	1.720	99.8	2.5	1.1	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH				ug/L	(Corrected ratio = 0.44)	%FS
132	12/6/2014 19:31:11	13.92	44.31	28.62	8.61	7.97	7.9	1.812	99.6	2.2	1.0	0.5
133	12/6/2014 19:46:11	13.93	44.36	28.65	8.59	7.97	8.0	1.915	99.4	2.4	1.1	0.6
134	12/6/2014 20:01:11	13.94	44.37	28.66	8.59	7.97	7.8	2.003	99.3	2.0	0.9	0.5
135	12/6/2014 20:16:11	13.98	44.89	29.04	8.58	7.98	6.5	2.104	99.5	2.1	0.9	0.5
136	12/6/2014 20:31:11	14.04	45.45	29.44	8.54	7.98	7.3	2.208	99.5	2.3	1.0	0.5
137	12/6/2014 20:46:11	14.08	45.82	29.71	8.49	7.98	7.2	2.303	99.1	2.2	1.0	0.5
138	12/6/2014 21:01:11	14.12	46.07	29.89	8.41	7.98	7.4	2.403	98.4	1.7	0.7	0.4
139	12/6/2014 21:16:11	14.09	45.97	29.82	8.38	7.97	7.6	2.522	97.9	2.0	0.9	0.5
140	12/6/2014 21:31:11	14.03	45.77	29.67	8.38	7.97	8.7	2.617	97.7	2.1	0.9	0.5
141	12/6/2014 21:46:11	14.11	46.26	30.02	8.36	7.98	9.4	2.717	97.9	2.3	1.0	0.5
142	12/6/2014 22:01:11	14.13	46.24	30.01	8.37	7.99	10.6	2.818	98.0	2.1	0.9	0.5
143	12/6/2014 22:16:11	14.15	46.43	30.15	8.36	8.00	12.2	2.925	98.1	2.2	1.0	0.5
144	12/6/2014 22:31:11	14.17	46.58	30.25	8.37	8.01	13.3	3.010	98.2	2.2	1.0	0.5
145	12/6/2014 22:46:11	14.20	46.91	30.50	8.37	8.03	13.1	3.106	98.4	2.5	1.1	0.6
146	12/6/2014 23:01:11	14.30	47.27	30.76	8.40	8.05	11.5	3.207	99.1	1.9	0.8	0.4
147	12/6/2014 23:16:11	14.36	47.72	31.09	8.42	8.07	12.7	3.294	99.7	1.6	0.7	0.4
148	12/6/2014 23:31:11	14.38	47.87	31.19	8.42	8.08	13.1	3.383	99.9	2.4	1.1	0.6
149	12/6/2014 23:46:11	14.38	47.74	31.10	8.43	8.09	12.3	3.466	99.9	1.5	0.7	0.4
150	12/7/2014 00:01:11	14.39	47.91	31.22	8.43	8.09	10.1	3.544	100.0	2.2	1.0	0.5
151	12/7/2014 00:16:12	14.40	47.97	31.27	8.41	8.09	7.8	3.609	99.9	2.1	0.9	0.5
152	12/7/2014 00:31:11	14.42	47.96	31.27	8.46	8.10	6.3	3.636	100.4	2.1	0.9	0.5
153	12/7/2014 00:46:11	14.44	47.94	31.25	8.43	8.10	5.7	3.671	100.1	1.7	0.7	0.4
154	12/7/2014 01:01:11	14.36	47.75	31.11	8.33	8.08	6.2	3.695	98.7	1.4	0.6	0.3
155	12/7/2014 01:16:11	14.42	47.72	31.09	8.37	8.09	5.8	3.658	99.2	1.7	0.7	0.4
156	12/7/2014 01:31:11	14.47	48.01	31.30	8.46	8.11	6.2	3.621	100.5	1.8	0.8	0.4
157	12/7/2014 01:46:11	14.03	47.18	30.69	8.33	8.04	8.0	3.572	97.7	1.8	0.8	0.4
158	12/7/2014 02:01:11	14.03	47.26	30.75	8.32	8.04	7.4	3.501	97.7	1.3	0.6	0.3
159	12/7/2014 02:16:11	14.16	47.47	30.90	8.41	8.07	6.0	3.409	99.0	1.8	0.8	0.4
160	12/7/2014 02:31:11	14.08	47.43	30.87	8.36	8.05	6.6	3.337	98.3	1.8	0.8	0.4
161	12/7/2014 02:46:11	14.01	47.10	30.63	8.27	8.03	7.1	3.255	97.0	1.7	0.7	0.4
162	12/7/2014 03:01:11	13.97	46.77	30.39	8.23	8.02	6.6	3.184	96.4	1.5	0.7	0.3
163	12/7/2014 03:16:11	13.81	46.58	30.25	8.20	8.00	6.0	3.105	95.6	1.8	0.8	0.4
164	12/7/2014 03:31:11	13.71	46.14	29.93	8.20	7.98	5.8	3.030	95.2	1.6	0.7	0.4
165	12/7/2014 03:46:11	13.68	46.25	30.01	8.14	7.97	5.6	2.970	94.5	1.7	0.7	0.4
166	12/7/2014 04:01:11	13.66	46.26	30.02	8.10	7.97	5.6	2.904	94.0	1.5	0.7	0.3
167	12/7/2014 04:16:11	13.60	45.88	29.74	8.13	7.96	5.7	2.840	94.0	1.9	0.8	0.4
168	12/7/2014 04:31:11	13.56	45.90	29.75	8.16	7.97	5.5	2.798	94.3	1.9	0.8	0.4
169	12/7/2014 04:46:11	13.55	45.74	29.63	8.16	7.96	5.4	2.760	94.2	1.7	0.7	0.4
170	12/7/2014 05:01:11	13.52	45.93	29.77	8.14	7.97	5.1	2.714	94.0	1.6	0.7	0.4
171	12/7/2014 05:16:11	13.53	45.73	29.63	8.13	7.96	5.2	2.685	93.9	1.9	0.8	0.4
172	12/7/2014 05:31:11	13.60	45.83	29.70	8.12	7.96	4.5	2.677	93.9	1.8	0.8	0.4
173	12/7/2014 05:46:11	13.60	45.92	29.76	8.10	7.96	5.0	2.666	93.8	1.7	0.7	0.4
174	12/7/2014 06:01:11	13.86	46.25	30.01	8.15	7.98	4.9	2.663	94.9	1.5	0.7	0.4
175	12/7/2014 06:16:11	13.76	46.05	29.87	8.11	7.97	5.3	2.683	94.2	1.6	0.7	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
176	12/7/2014 06:31:11	13.74	46.06	29.87	8.15	7.97	5.2	2.718	94.6	1.6	0.7	0.4
177	12/7/2014 06:46:11	13.71	46.19	29.96	8.12	7.97	5.5	2.757	94.3	1.5	0.7	0.3
178	12/7/2014 07:01:11	13.55	45.81	29.69	8.17	7.97	5.4	2.808	94.4	1.4	0.6	0.3
179	12/7/2014 07:16:11	13.74	46.21	29.98	8.16	7.98	5.9	2.873	94.8	1.5	0.7	0.4
180	12/7/2014 07:31:11	13.83	46.56	30.23	8.18	7.99	6.5	2.946	95.3	1.9	0.8	0.4
181	12/7/2014 07:46:11	13.81	46.50	30.19	8.20	8.00	6.8	3.021	95.5	1.4	0.6	0.3
182	12/7/2014 08:01:11	13.95	46.82	30.43	8.23	8.02	7.1	3.108	96.3	1.6	0.7	0.4
183	12/7/2014 08:16:11	14.08	47.19	30.70	8.31	8.05	7.6	3.197	97.6	1.2	0.5	0.3
184	12/7/2014 08:31:11	14.16	47.28	30.76	8.34	8.06	7.3	3.287	98.2	1.5	0.7	0.3
185	12/7/2014 08:46:11	14.19	47.28	30.77	8.37	8.06	7.0	3.385	98.6	1.1	0.5	0.3
186	12/7/2014 09:01:11	14.22	47.32	30.79	8.39	8.07	7.7	3.480	98.9	1.3	0.6	0.3
187	12/7/2014 09:16:11	14.34	47.43	30.87	8.45	8.09	9.0	3.579	100.0	1.5	0.7	0.3
188	12/7/2014 09:31:11	14.44	47.60	31.00	8.52	8.11	9.1	3.675	101.0	1.8	0.8	0.4
189	12/7/2014 09:46:11	14.51	47.86	31.19	8.54	8.12	9.5	3.772	101.6	1.4	0.6	0.3
190	12/7/2014 10:01:11	14.55	48.01	31.30	8.57	8.13	8.9	3.858	102.0	1.6	0.7	0.4
191	12/7/2014 10:16:11	14.57	47.95	31.26	8.57	8.14	9.7	3.939	102.1	1.1	0.5	0.3
192	12/7/2014 10:31:11	14.59	47.96	31.27	8.61	8.14	9.4	4.016	102.6	1.6	0.7	0.4
193	12/7/2014 10:46:11	14.61	48.14	31.40	8.62	8.15	7.5	4.081	102.8	1.1	0.5	0.3
194	12/7/2014 11:01:11	14.64	48.22	31.46	8.63	8.15	7.0	4.141	103.1	1.3	0.6	0.3
195	12/7/2014 11:16:11	14.64	48.17	31.42	8.62	8.15	5.9	4.181	102.9	1.4	0.6	0.3
196	12/7/2014 11:31:11	14.66	48.32	31.53	8.62	8.15	4.7	4.206	103.0	0.7	0.3	0.2
197	12/7/2014 11:46:11	14.66	48.33	31.54	8.60	8.15	4.2	4.226	102.7	0.9	0.4	0.2
198	12/7/2014 12:01:11	14.57	48.17	31.42	8.52	8.13	5.3	4.220	101.5	0.7	0.3	0.2
199	12/7/2014 12:16:11	14.60	48.30	31.51	8.53	8.14	5.7	4.188	101.8	1.1	0.5	0.2
200	12/7/2014 12:31:11	14.58	48.12	31.38	8.52	8.13	6.1	4.135	101.5	1.5	0.7	0.4
201	12/7/2014 12:46:11	14.57	48.03	31.32	8.55	8.13	5.8	4.064	101.8	0.7	0.3	0.2
202	12/7/2014 13:01:11	14.54	47.86	31.19	8.59	8.12	6.5	3.971	102.1	0.9	0.4	0.2
203	12/7/2014 13:16:11	14.54	48.02	31.31	8.58	8.13	6.1	3.872	102.2	1.4	0.6	0.3
204	12/7/2014 13:31:11	14.53	47.73	31.10	8.61	8.12	5.7	3.757	102.3	1.5	0.7	0.4
205	12/7/2014 13:46:11	14.52	47.70	31.08	8.62	8.12	6.7	3.646	102.4	1.2	0.5	0.3
206	12/7/2014 14:01:11	14.45	47.65	31.03	8.60	8.10	6.7	3.524	102.0	1.6	0.7	0.4
207	12/7/2014 14:16:11	14.29	47.22	30.72	8.60	8.07	6.5	3.400	101.5	1.5	0.7	0.4
208	12/7/2014 14:31:11	14.14	46.70	30.34	8.57	8.04	6.7	3.277	100.6	1.9	0.8	0.4
209	12/7/2014 14:46:11	14.01	46.34	30.08	8.56	8.02	5.8	3.145	100.0	2.1	0.9	0.5
210	12/7/2014 15:01:11	13.92	46.07	29.88	8.57	8.01	6.4	3.007	99.8	2.0	0.9	0.5
211	12/7/2014 15:16:11	13.94	45.97	29.81	8.54	8.01	7.2	2.895	99.5	1.5	0.7	0.3
212	12/7/2014 15:31:11	13.97	46.16	29.95	8.53	8.02	7.9	2.771	99.6	1.7	0.7	0.4
213	12/7/2014 15:46:11	14.02	46.33	30.07	8.52	8.02	8.2	2.672	99.6	1.5	0.7	0.3
214	12/7/2014 16:01:11	14.01	46.30	30.05	8.58	8.03	8.9	2.511	100.3	2.1	0.9	0.5
215	12/7/2014 16:16:11	13.96	46.22	29.99	8.56	8.02	12.4	2.354	99.9	2.2	1.0	0.5
216	12/7/2014 16:31:11	13.89	45.73	29.64	8.61	8.01	15.1	2.258	100.1	2.2	1.0	0.5
217	12/7/2014 16:46:11	13.84	45.89	29.75	8.57	8.00	15.6	2.109	99.6	2.3	1.0	0.5
218	12/7/2014 17:01:11	13.78	45.81	29.69	8.58	7.99	20.5	1.960	99.6	2.4	1.1	0.6
219	12/7/2014 17:16:11	13.67	45.38	29.38	8.56	7.97	25.8	1.844	99.0	3.2	1.4	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
220	12/7/2014 17:31:11	13.64	45.24	29.28	8.56	7.96	25.5	1.705	98.8	3.0	1.3	0.7
221	12/7/2014 17:46:11	13.62	45.20	29.25	8.54	7.95	31.9	1.597	98.5	3.5	1.5	0.8
222	12/7/2014 18:01:11	13.61	45.14	29.21	8.53	7.95	38.9	1.510	98.4	4.2	1.8	1.0
223	12/7/2014 18:16:11	13.60	45.11	29.18	8.51	7.94	30.2	1.460	98.0	3.8	1.7	0.9
224	12/7/2014 18:31:11	13.60	44.88	29.02	8.46	7.94	16.6	1.393	97.4	3.2	1.4	0.7
225	12/7/2014 18:46:11	13.58	45.17	29.23	8.50	7.95	29.4	1.430	97.9	3.8	1.7	0.9
226	12/7/2014 19:01:11	13.62	45.12	29.19	8.51	7.95	18.7	1.443	98.1	3.1	1.4	0.7
227	12/7/2014 19:16:11	13.61	45.15	29.21	8.50	7.95	20.5	1.508	98.0	3.2	1.4	0.8
228	12/7/2014 19:31:11	13.62	45.14	29.21	8.49	7.95	18.6	1.587	97.9	3.1	1.4	0.7
229	12/7/2014 19:46:11	13.58	44.73	28.91	8.48	7.94	13.1	1.676	97.5	3.0	1.3	0.7
230	12/7/2014 20:01:11	13.53	44.00	28.38	8.50	7.94	12.5	1.785	97.4	2.9	1.3	0.7
231	12/7/2014 20:16:11	13.54	44.21	28.54	8.48	7.94	13.4	1.876	97.2	2.3	1.0	0.5
232	12/7/2014 20:31:11	13.60	44.67	28.87	8.48	7.95	11.7	1.976	97.6	3.2	1.4	0.7
233	12/7/2014 20:46:11	13.61	44.72	28.91	8.47	7.95	11.2	2.067	97.5	2.5	1.1	0.6
234	12/7/2014 21:01:11	13.70	45.07	29.16	8.46	7.96	11.7	2.188	97.7	2.5	1.1	0.6
235	12/7/2014 21:16:11	13.79	45.46	29.44	8.41	7.97	12.8	2.274	97.5	2.5	1.1	0.6
236	12/7/2014 21:31:11	13.84	45.63	29.56	8.39	7.97	10.4	2.384	97.5	2.8	1.2	0.7
237	12/7/2014 21:46:11	13.88	45.76	29.66	8.38	7.97	12.8	2.496	97.4	2.3	1.0	0.5
238	12/7/2014 22:01:11	13.85	45.88	29.75	8.40	7.97	18.1	2.586	97.6	2.8	1.2	0.7
239	12/7/2014 22:16:11	13.90	46.07	29.88	8.40	7.98	13.8	2.697	97.8	2.3	1.0	0.5
240	12/7/2014 22:31:11	13.93	46.12	29.92	8.41	7.99	13.7	2.787	98.0	2.7	1.2	0.6
241	12/7/2014 22:46:11	13.98	46.37	30.10	8.40	8.00	15.8	2.888	98.2	2.0	0.9	0.5
242	12/7/2014 23:01:11	14.04	46.31	30.06	8.42	8.02	15.7	2.987	98.5	2.3	1.0	0.5
243	12/7/2014 23:16:11	14.09	46.59	30.26	8.43	8.03	14.4	3.089	98.8	2.1	0.9	0.5
244	12/7/2014 23:31:11	14.16	46.76	30.38	8.44	8.04	16.9	3.175	99.2	2.4	1.1	0.6
245	12/7/2014 23:46:11	14.25	47.09	30.63	8.47	8.07	15.8	3.279	99.9	1.9	0.8	0.4
246	12/8/2014 00:01:11	14.34	47.40	30.85	8.50	8.09	17.3	3.362	100.4	1.7	0.7	0.4
247	12/8/2014 00:16:11	14.35	47.45	30.89	8.51	8.09	16.4	3.455	100.6	1.8	0.8	0.4
248	12/8/2014 00:31:11	14.42	47.45	30.89	8.53	8.11	15.6	3.537	101.0	2.0	0.9	0.5
249	12/8/2014 00:46:11	14.51	47.41	30.86	8.56	8.13	13.0	3.606	101.6	1.4	0.6	0.3
250	12/8/2014 01:01:11	14.54	47.35	30.83	8.56	8.13	8.8	3.664	101.6	1.2	0.5	0.3
251	12/8/2014 01:16:11	14.59	47.18	30.70	8.58	8.14	8.2	3.704	101.8	1.6	0.7	0.4
252	12/8/2014 01:31:11	14.58	47.50	30.94	8.51	8.14	7.2	3.737	101.1	1.7	0.7	0.4
253	12/8/2014 01:46:11	14.28	47.03	30.58	8.39	8.08	7.0	3.737	98.9	1.5	0.7	0.4
254	12/8/2014 02:01:11	14.60	47.33	30.81	8.50	8.14	7.9	3.720	100.9	1.6	0.7	0.4
255	12/8/2014 02:16:11	14.35	47.16	30.68	8.47	8.10	8.9	3.667	100.0	1.3	0.6	0.3
256	12/8/2014 02:31:11	14.26	47.00	30.56	8.50	8.08	6.5	3.618	100.1	1.1	0.5	0.3
257	12/8/2014 02:46:11	14.33	47.20	30.71	8.49	8.10	7.0	3.557	100.2	1.5	0.7	0.4
258	12/8/2014 03:01:11	14.14	47.04	30.59	8.39	8.05	7.9	3.465	98.7	1.7	0.7	0.4
259	12/8/2014 03:16:11	14.10	46.81	30.42	8.36	8.04	7.3	3.386	98.1	1.6	0.7	0.4
260	12/8/2014 03:31:11	14.10	46.65	30.31	8.38	8.05	8.4	3.315	98.3	1.6	0.7	0.4
261	12/8/2014 03:46:11	14.02	46.49	30.19	8.36	8.02	7.2	3.232	97.8	2.0	0.9	0.5
262	12/8/2014 04:01:11	13.99	46.50	30.20	8.31	8.02	6.7	3.164	97.1	1.7	0.7	0.4
263	12/8/2014 04:16:10	13.91	46.06	29.88	8.28	8.00	6.2	3.083	96.5	1.7	0.7	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
264	12/8/2014 04:31:11	13.85	46.05	29.87	8.28	7.99	6.2	3.016	96.3	2.0	0.9	0.5
265	12/8/2014 04:46:11	13.82	45.93	29.78	8.27	7.99	6.4	2.961	96.1	1.8	0.8	0.4
266	12/8/2014 05:01:11	13.78	45.93	29.78	8.17	7.97	6.1	2.916	94.9	1.3	0.6	0.3
267	12/8/2014 05:16:11	13.75	45.79	29.68	8.11	7.96	6.3	2.859	94.1	1.9	0.8	0.4
268	12/8/2014 05:31:11	13.75	45.76	29.65	8.09	7.96	6.4	2.815	93.8	1.7	0.7	0.4
269	12/8/2014 05:46:11	13.77	45.78	29.67	8.11	7.96	5.9	2.790	94.1	1.3	0.6	0.3
270	12/8/2014 06:01:11	13.77	45.79	29.68	8.11	7.96	5.7	2.759	94.1	1.8	0.8	0.4
271	12/8/2014 06:16:11	13.79	45.93	29.78	8.07	7.96	6.0	2.739	93.7	2.4	1.1	0.6
272	12/8/2014 06:31:11	13.79	45.85	29.72	8.04	7.96	5.4	2.731	93.3	1.9	0.8	0.5
273	12/8/2014 06:46:11	13.87	46.01	29.84	8.18	7.97	5.6	2.727	95.2	2.0	0.9	0.5
274	12/8/2014 07:01:11	13.90	46.01	29.84	8.22	7.98	6.0	2.750	95.7	1.4	0.6	0.3
275	12/8/2014 07:16:11	13.90	46.13	29.93	8.23	7.99	5.7	2.772	95.8	1.9	0.8	0.4
276	12/8/2014 07:31:11	13.88	46.00	29.83	8.21	7.98	5.8	2.812	95.6	1.9	0.8	0.5
277	12/8/2014 07:46:11	13.85	45.79	29.68	8.23	7.98	6.1	2.863	95.6	2.0	0.9	0.5
278	12/8/2014 08:01:11	13.83	45.86	29.73	8.23	7.98	6.2	2.922	95.6	1.5	0.7	0.4
279	12/8/2014 08:16:11	13.92	46.21	29.98	8.22	7.99	7.7	2.999	95.9	1.8	0.8	0.4
280	12/8/2014 08:31:11	13.96	46.24	30.00	8.25	8.01	6.9	3.067	96.3	1.2	0.5	0.3
281	12/8/2014 08:46:11	14.09	46.62	30.29	8.28	8.04	7.5	3.151	97.1	1.1	0.5	0.3
282	12/8/2014 09:01:11	14.18	46.81	30.43	8.35	8.05	7.9	3.237	98.1	1.5	0.7	0.4
283	12/8/2014 09:16:11	14.26	46.89	30.48	8.38	8.07	8.1	3.322	98.7	1.5	0.7	0.4
284	12/8/2014 09:31:11	14.28	46.88	30.48	8.39	8.07	8.5	3.417	98.9	1.0	0.4	0.2
285	12/8/2014 09:46:11	14.33	46.79	30.41	8.39	8.08	9.0	3.502	99.0	1.4	0.6	0.3
286	12/8/2014 10:01:11	14.39	46.91	30.50	8.41	8.09	10.1	3.594	99.4	1.8	0.8	0.4
287	12/8/2014 10:16:11	14.48	47.09	30.63	8.45	8.11	11.6	3.672	100.1	1.4	0.6	0.3
288	12/8/2014 10:31:11	14.56	47.31	30.79	8.46	8.13	11.2	3.762	100.5	1.0	0.4	0.2
289	12/8/2014 10:46:11	14.62	47.34	30.82	8.49	8.14	13.2	3.842	101.0	1.6	0.7	0.4
290	12/8/2014 11:01:10	14.65	47.37	30.84	8.50	8.14	12.1	3.913	101.1	1.1	0.5	0.3
291	12/8/2014 11:16:11	14.69	47.52	30.95	8.50	8.15	9.7	3.991	101.3	1.0	0.4	0.2
292	12/8/2014 11:31:11	14.73	47.47	30.92	8.51	8.15	9.2	4.052	101.5	0.8	0.4	0.2
293	12/8/2014 11:46:11	14.75	47.49	30.93	8.49	8.16	7.0	4.075	101.3	1.1	0.5	0.3
294	12/8/2014 12:01:11	14.77	47.50	30.94	8.51	8.16	6.3	4.118	101.6	0.8	0.4	0.2
295	12/8/2014 12:16:11	14.78	47.40	30.87	8.48	8.16	6.2	4.143	101.2	1.3	0.6	0.3
296	12/8/2014 12:31:11	14.68	47.43	30.88	8.44	8.14	5.1	4.149	100.5	1.2	0.5	0.3
297	12/8/2014 12:46:11	14.72	47.29	30.79	8.46	8.15	7.0	4.118	100.8	0.8	0.4	0.2
298	12/8/2014 13:01:11	14.70	47.39	30.86	8.47	8.13	8.9	4.068	100.9	0.4	0.2	0.1
299	12/8/2014 13:16:11	14.70	47.41	30.87	8.49	8.13	7.0	4.018	101.1	1.4	0.6	0.3
300	12/8/2014 13:31:11	14.77	47.32	30.80	8.53	8.14	6.1	3.940	101.8	1.3	0.6	0.3
301	12/8/2014 13:46:11	14.74	47.29	30.78	8.50	8.13	5.3	3.840	101.2	1.0	0.4	0.2
302	12/8/2014 14:01:11	14.65	47.08	30.63	8.47	8.11	5.1	3.743	100.7	1.5	0.7	0.3
303	12/8/2014 14:16:11	14.51	46.95	30.54	8.42	8.08	6.1	3.665	99.7	1.5	0.7	0.3
304	12/8/2014 14:31:11	14.51	46.88	30.49	8.45	8.08	6.7	3.545	100.1	1.2	0.5	0.3
305	12/8/2014 14:46:11	14.51	46.86	30.47	8.46	8.08	5.9	3.447	100.1	1.5	0.7	0.4
306	12/8/2014 15:01:11	14.50	46.72	30.37	8.45	8.07	6.0	3.321	100.0	1.8	0.8	0.4
307	12/8/2014 15:16:11	14.44	46.52	30.22	8.44	8.06	5.8	3.207	99.6	2.0	0.9	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
308	12/8/2014 15:31:11	14.41	46.52	30.22	8.43	8.06	6.1	3.103	99.5	1.9	0.8	0.4
309	12/8/2014 15:46:11	14.34	46.54	30.23	8.38	8.04	6.1	2.970	98.8	1.7	0.7	0.4
310	12/8/2014 16:01:11	14.37	46.67	30.33	8.38	8.05	6.1	2.846	98.8	1.2	0.5	0.3
311	12/8/2014 16:16:11	14.45	46.60	30.28	8.41	8.07	6.5	2.717	99.3	1.4	0.6	0.3
312	12/8/2014 16:31:11	14.37	46.49	30.20	8.41	8.05	6.5	2.611	99.1	1.7	0.7	0.4
313	12/8/2014 16:46:11	14.31	46.43	30.15	8.39	8.04	6.7	2.482	98.7	1.9	0.8	0.4
314	12/8/2014 17:01:11	14.23	46.36	30.10	8.38	8.03	6.2	2.335	98.5	1.5	0.7	0.4
315	12/8/2014 17:16:11	14.13	46.18	29.97	8.31	8.00	8.1	2.230	97.3	1.9	0.8	0.5
316	12/8/2014 17:31:11	14.06	45.95	29.80	8.29	7.98	10.1	2.101	96.8	2.5	1.1	0.6
317	12/8/2014 17:46:11	14.02	45.92	29.78	8.26	7.97	9.5	1.984	96.4	2.4	1.1	0.6
318	12/8/2014 18:01:11	14.00	45.79	29.69	8.26	7.98	10.2	1.857	96.3	2.4	1.1	0.6
319	12/8/2014 18:16:11	13.95	45.66	29.59	8.26	7.95	9.0	1.741	96.1	2.5	1.1	0.6
320	12/8/2014 18:31:11	13.91	45.41	29.41	8.26	7.95	8.3	1.678	96.0	3.0	1.3	0.7
321	12/8/2014 18:46:11	13.89	45.27	29.30	8.25	7.94	7.6	1.592	95.8	2.5	1.1	0.6
322	12/8/2014 19:01:11	13.86	45.15	29.22	8.26	7.93	7.3	1.543	95.8	2.4	1.1	0.6
323	12/8/2014 19:16:11	13.85	45.13	29.20	8.24	7.93	6.5	1.532	95.5	2.3	1.0	0.5
324	12/8/2014 19:31:11	13.85	45.28	29.31	8.23	7.93	6.3	1.533	95.4	2.5	1.1	0.6
325	12/8/2014 19:46:11	13.86	45.26	29.30	8.24	7.93	6.1	1.580	95.6	2.0	0.9	0.5
326	12/8/2014 20:01:11	13.88	45.23	29.28	8.25	7.93	6.1	1.624	95.7	2.3	1.0	0.5
327	12/8/2014 20:16:11	13.86	45.14	29.21	8.27	7.93	6.5	1.705	95.9	1.9	0.8	0.5
328	12/8/2014 20:31:11	13.85	44.69	28.89	8.27	7.93	7.0	1.795	95.6	2.4	1.1	0.6
329	12/8/2014 20:46:11	13.87	44.53	28.77	8.25	7.93	7.2	1.871	95.4	2.7	1.2	0.6
330	12/8/2014 21:01:11	13.90	44.77	28.95	8.25	7.93	6.9	1.993	95.6	2.3	1.0	0.5
331	12/8/2014 21:16:11	13.93	44.91	29.05	8.25	7.94	6.7	2.082	95.6	2.6	1.1	0.6
332	12/8/2014 21:31:11	13.94	44.53	28.77	8.26	7.94	6.4	2.165	95.7	2.2	1.0	0.5
333	12/8/2014 21:46:11	13.99	44.79	28.96	8.27	7.95	7.5	2.266	96.0	2.2	1.0	0.5
334	12/8/2014 22:01:11	14.04	45.18	29.25	8.28	7.96	7.1	2.384	96.3	2.3	1.0	0.5
335	12/8/2014 22:16:11	14.10	45.68	29.61	8.27	7.97	7.8	2.453	96.6	2.6	1.1	0.6
336	12/8/2014 22:31:11	14.08	45.62	29.57	8.28	7.97	8.3	2.554	96.6	2.4	1.1	0.6
337	12/8/2014 22:46:11	14.07	45.83	29.72	8.26	7.97	9.0	2.646	96.5	2.3	1.0	0.5
338	12/8/2014 23:01:11	14.10	45.84	29.72	8.27	7.98	9.1	2.731	96.6	2.4	1.1	0.6
339	12/8/2014 23:16:11	14.13	45.90	29.76	8.28	7.99	10.5	2.844	96.8	2.4	1.1	0.6
340	12/8/2014 23:31:11	14.18	46.04	29.86	8.28	8.00	11.2	2.933	97.0	2.3	1.0	0.5
341	12/8/2014 23:46:11	14.23	46.10	29.91	8.30	8.01	13.6	3.029	97.4	2.5	1.1	0.6
342	12/9/2014 00:01:11	14.29	46.28	30.05	8.42	8.03	13.5	3.124	98.9	1.8	0.8	0.4
343	12/9/2014 00:16:10	14.37	46.54	30.23	8.45	8.04	14.0	3.199	99.6	2.0	0.9	0.5
344	12/9/2014 00:31:11	14.48	46.79	30.42	8.57	8.07	14.2	3.271	101.3	2.1	0.9	0.5
345	12/9/2014 00:46:11	14.55	47.10	30.64	8.68	8.08	15.4	3.386	102.9	2.1	0.9	0.5
346	12/9/2014 01:01:11	14.59	47.02	30.58	8.60	8.09	16.1	3.467	102.1	1.9	0.8	0.4
347	12/9/2014 01:16:11	14.60	46.94	30.53	8.59	8.09	15.4	3.532	101.9	2.1	0.9	0.5
348	12/9/2014 01:31:11	14.61	47.23	30.74	8.56	8.09	12.5	3.601	101.7	1.9	0.8	0.4
349	12/9/2014 01:46:11	14.64	47.31	30.80	8.56	8.10	11.1	3.655	101.8	1.9	0.8	0.4
350	12/9/2014 02:01:11	14.69	47.35	30.83	8.55	8.10	9.4	3.677	101.8	1.3	0.6	0.3
351	12/9/2014 02:16:11	14.59	47.21	30.72	8.50	8.08	7.2	3.704	101.0	1.6	0.7	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
352	12/9/2014 02:31:11	14.61	47.13	30.67	8.45	8.09	7.1	3.715	100.4	1.4	0.6	0.3
353	12/9/2014 02:46:11	14.69	47.41	30.87	8.51	8.10	8.2	3.700	101.4	1.4	0.6	0.3
354	12/9/2014 03:01:11	14.63	47.22	30.73	8.47	8.09	10.0	3.621	100.7	1.7	0.7	0.4
355	12/9/2014 03:16:11	14.35	46.40	30.13	8.41	8.04	8.7	3.551	99.0	1.5	0.7	0.3
356	12/9/2014 03:31:11	14.43	46.86	30.47	8.45	8.06	8.5	3.512	99.8	1.6	0.7	0.4
357	12/9/2014 03:46:11	14.50	47.01	30.57	8.48	8.07	7.1	3.447	100.4	1.5	0.7	0.4
358	12/9/2014 04:01:11	14.39	46.72	30.36	8.43	8.05	8.3	3.343	99.5	1.7	0.7	0.4
359	12/9/2014 04:16:11	14.29	46.29	30.05	8.36	8.03	9.9	3.291	98.3	1.8	0.8	0.4
360	12/9/2014 04:31:11	14.34	46.51	30.21	8.37	8.04	7.2	3.214	98.6	1.3	0.6	0.3
361	12/9/2014 04:46:11	14.30	46.46	30.17	8.39	8.03	7.2	3.143	98.7	1.5	0.7	0.3
362	12/9/2014 05:01:11	14.20	46.16	29.96	8.36	8.01	6.1	3.090	98.0	1.1	0.5	0.3
363	12/9/2014 05:16:11	14.14	45.98	29.83	8.34	7.99	6.2	3.020	97.6	1.5	0.7	0.4
364	12/9/2014 05:31:11	14.11	45.88	29.75	8.31	7.99	5.9	2.988	97.2	1.7	0.7	0.4
365	12/9/2014 05:46:11	14.13	45.99	29.83	8.31	7.99	6.1	2.924	97.2	1.5	0.7	0.4
366	12/9/2014 06:01:11	14.07	45.77	29.67	8.29	7.98	5.7	2.888	96.8	2.0	0.9	0.5
367	12/9/2014 06:16:11	14.06	45.77	29.67	8.31	7.98	5.9	2.854	97.0	1.7	0.7	0.4
368	12/9/2014 06:31:11	14.03	45.42	29.42	8.29	7.97	5.9	2.835	96.6	1.8	0.8	0.4
369	12/9/2014 06:46:11	14.02	45.61	29.55	8.26	7.97	5.7	2.799	96.3	1.9	0.8	0.5
370	12/9/2014 07:01:11	14.03	45.51	29.48	8.24	7.97	5.6	2.778	95.9	2.3	1.0	0.5
371	12/9/2014 07:16:11	14.06	45.82	29.70	8.13	7.97	5.2	2.765	94.9	1.2	0.5	0.3
372	12/9/2014 07:31:11	14.11	45.98	29.82	8.15	7.97	5.0	2.792	95.3	1.6	0.7	0.4
373	12/9/2014 07:46:11	14.15	45.94	29.79	8.17	7.98	5.7	2.787	95.6	1.5	0.7	0.3
374	12/9/2014 08:01:11	14.16	46.09	29.90	8.18	7.99	5.5	2.802	95.8	1.2	0.5	0.3
375	12/9/2014 08:16:11	14.13	45.94	29.79	8.22	7.98	5.9	2.858	96.1	1.4	0.6	0.3
376	12/9/2014 08:31:11	14.10	45.92	29.78	8.23	7.98	5.7	2.901	96.2	1.2	0.5	0.3
377	12/9/2014 08:46:11	14.13	45.97	29.81	8.26	7.99	6.6	2.932	96.6	1.9	0.8	0.4
378	12/9/2014 09:01:11	14.18	46.08	29.90	8.26	8.00	6.1	3.000	96.7	1.1	0.5	0.3
379	12/9/2014 09:16:11	14.22	46.29	30.05	8.25	8.01	6.0	3.064	96.8	1.6	0.7	0.4
380	12/9/2014 09:31:11	14.24	46.28	30.04	8.24	8.01	6.5	3.140	96.8	1.1	0.5	0.3
381	12/9/2014 09:46:11	14.33	46.43	30.16	8.27	8.04	7.0	3.219	97.3	1.3	0.6	0.3
382	12/9/2014 10:01:11	14.38	46.74	30.38	8.32	8.05	7.2	3.295	98.1	1.6	0.7	0.4
383	12/9/2014 10:16:11	14.46	46.73	30.37	8.38	8.06	7.6	3.375	99.0	1.5	0.7	0.4
384	12/9/2014 10:31:11	14.49	46.66	30.32	8.38	8.06	7.8	3.455	99.1	1.1	0.5	0.3
385	12/9/2014 10:46:11	14.55	47.04	30.60	8.40	8.08	8.3	3.524	99.6	1.5	0.7	0.4
386	12/9/2014 11:01:11	14.64	47.17	30.69	8.45	8.09	9.0	3.594	100.4	1.6	0.7	0.4
387	12/9/2014 11:16:11	14.70	47.25	30.76	8.47	8.10	9.5	3.681	100.8	1.1	0.5	0.3
388	12/9/2014 11:31:11	14.75	47.29	30.79	8.50	8.11	10.1	3.763	101.3	1.6	0.7	0.4
389	12/9/2014 11:46:11	14.86	47.51	30.95	8.54	8.13	10.4	3.840	102.1	0.9	0.4	0.2
390	12/9/2014 12:01:11	14.92	47.71	31.09	8.57	8.14	9.0	3.862	102.6	1.0	0.4	0.2
391	12/9/2014 12:16:11	14.95	47.77	31.13	8.56	8.14	6.8	3.950	102.7	1.1	0.5	0.3
392	12/9/2014 12:31:11	14.95	47.74	31.12	8.55	8.14	6.2	3.983	102.5	0.6	0.3	0.1
393	12/9/2014 12:46:11	15.01	47.79	31.15	8.54	8.14	5.3	3.989	102.5	1.2	0.5	0.3
394	12/9/2014 13:01:11	14.93	47.77	31.14	8.51	8.13	5.7	4.008	102.0	1.4	0.6	0.3
395	12/9/2014 13:16:11	14.92	47.70	31.08	8.49	8.13	5.7	4.012	101.7	1.0	0.4	0.2

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
396	12/9/2014 13:31:11	14.96	47.76	31.13	8.53	8.14	6.3	3.968	102.3	1.0	0.4	0.2
397	12/9/2014 13:46:11	14.95	47.69	31.08	8.51	8.13	6.7	3.934	102.0	1.3	0.6	0.3
398	12/9/2014 14:01:11	14.92	47.72	31.10	8.50	8.13	6.8	3.855	101.8	1.5	0.7	0.3
399	12/9/2014 14:16:11	14.82	47.31	30.80	8.54	8.11	6.5	3.811	102.0	0.9	0.4	0.2
400	12/9/2014 14:31:11	14.88	47.46	30.91	8.56	8.12	5.6	3.702	102.3	1.1	0.5	0.3
401	12/9/2014 14:46:11	14.79	47.10	30.65	8.51	8.09	5.7	3.600	101.5	1.8	0.8	0.4
402	12/9/2014 15:01:11	14.66	46.98	30.56	8.47	8.07	6.6	3.526	100.7	1.1	0.5	0.3
403	12/9/2014 15:16:11	14.69	47.04	30.60	8.49	8.08	6.2	3.428	101.0	1.6	0.7	0.4
404	12/9/2014 15:31:11	14.63	46.84	30.46	8.51	8.06	5.7	3.303	101.0	1.4	0.6	0.3
405	12/9/2014 15:46:11	14.54	46.19	29.98	8.53	8.04	5.2	3.203	100.7	1.8	0.8	0.4
406	12/9/2014 16:01:11	14.47	46.19	29.98	8.48	8.02	4.8	3.112	100.0	1.3	0.6	0.3
407	12/9/2014 16:16:11	14.41	46.06	29.89	8.45	8.00	5.0	2.988	99.4	1.2	0.5	0.3
408	12/9/2014 16:31:11	14.38	45.81	29.70	8.48	8.00	5.3	2.866	99.6	1.4	0.6	0.3
409	12/9/2014 16:46:11	14.59	46.75	30.39	8.45	8.05	5.6	2.781	100.2	1.4	0.6	0.3
410	12/9/2014 17:01:11	14.48	46.36	30.11	8.50	8.03	6.5	2.661	100.3	2.0	0.9	0.5
411	12/9/2014 17:16:11	14.35	45.80	29.70	8.46	8.00	6.5	2.531	99.3	1.7	0.7	0.4
412	12/9/2014 17:31:11	14.28	45.61	29.56	8.45	7.99	6.4	2.440	99.0	2.2	1.0	0.5
413	12/9/2014 17:46:11	14.28	45.74	29.66	8.41	7.99	7.7	2.319	98.6	2.1	0.9	0.5
414	12/9/2014 18:01:11	14.21	45.46	29.45	8.42	7.97	9.7	2.161	98.4	2.0	0.9	0.5
415	12/9/2014 18:16:11	14.20	45.40	29.41	8.40	7.96	8.9	2.065	98.2	2.4	1.1	0.6
416	12/9/2014 18:31:12	14.20	45.52	29.49	8.37	7.96	11.5	1.963	97.8	2.0	0.9	0.5
417	12/9/2014 18:46:11	14.15	45.22	29.28	8.39	7.95	11.5	1.860	97.8	2.0	0.9	0.5
418	12/9/2014 19:01:11	14.13	45.18	29.25	8.40	7.94	11.6	1.773	97.9	2.5	1.1	0.6
419	12/9/2014 19:16:11	14.10	45.06	29.16	8.40	7.94	10.1	1.684	97.8	2.6	1.1	0.6
420	12/9/2014 19:31:11	14.07	44.75	28.94	8.43	7.93	9.4	1.658	97.9	2.5	1.1	0.6
421	12/9/2014 19:46:11	14.06	44.93	29.07	8.37	7.92	8.4	1.650	97.3	2.8	1.2	0.7
422	12/9/2014 20:01:11	14.06	44.82	28.99	8.37	7.92	7.2	1.603	97.3	2.8	1.2	0.7
423	12/9/2014 20:16:11	14.06	44.93	29.07	8.39	7.92	7.9	1.635	97.6	2.6	1.1	0.6
424	12/9/2014 20:31:11	14.08	45.05	29.15	8.38	7.93	7.5	1.699	97.6	2.7	1.2	0.6
425	12/9/2014 20:46:12	14.09	45.11	29.19	8.37	7.93	7.2	1.705	97.5	2.7	1.2	0.6
426	12/9/2014 21:01:11	14.10	44.75	28.94	8.38	7.93	7.5	1.820	97.5	2.1	0.9	0.5
427	12/9/2014 21:16:11	14.11	44.74	28.93	8.38	7.93	7.5	1.884	97.4	2.8	1.2	0.7
428	12/9/2014 21:31:11	14.11	43.93	28.35	8.38	7.93	7.3	1.973	97.1	2.6	1.1	0.6
429	12/9/2014 21:46:11	14.15	44.74	28.94	8.36	7.94	7.0	2.052	97.3	2.4	1.1	0.6
430	12/9/2014 22:01:11	14.17	44.67	28.88	8.36	7.94	6.7	2.169	97.3	2.6	1.1	0.6
431	12/9/2014 22:16:11	14.19	44.79	28.97	8.34	7.94	6.8	2.241	97.2	2.6	1.1	0.6
432	12/9/2014 22:31:11	14.23	44.94	29.08	8.37	7.96	7.1	2.348	97.6	2.1	0.9	0.5
433	12/9/2014 22:46:11	14.26	45.19	29.26	8.37	7.97	7.5	2.434	97.8	2.1	0.9	0.5
434	12/9/2014 23:01:11	14.24	45.64	29.58	8.36	7.96	8.3	2.516	97.9	1.8	0.8	0.4
435	12/9/2014 23:16:11	14.23	45.58	29.54	8.36	7.96	9.0	2.617	97.8	2.8	1.2	0.7
436	12/9/2014 23:31:11	14.27	45.77	29.67	8.36	7.97	9.0	2.697	98.0	1.9	0.8	0.5
437	12/9/2014 23:46:11	14.29	45.85	29.74	8.36	7.98	10.3	2.771	98.1	2.9	1.3	0.7
438	12/10/2014 00:01:11	14.34	45.92	29.78	8.38	7.99	10.4	2.875	98.4	2.7	1.2	0.6
439	12/10/2014 00:16:11	14.38	46.08	29.90	8.37	8.00	10.8	2.967	98.5	2.3	1.0	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
440	12/10/2014 00:31:11	14.45	46.21	30.00	8.40	8.02	11.4	3.051	99.0	2.4	1.1	0.6
441	12/10/2014 00:46:11	14.50	46.46	30.18	8.42	8.04	13.0	3.128	99.4	2.2	1.0	0.5
442	12/10/2014 01:01:11	14.61	46.77	30.40	8.49	8.06	12.7	3.224	100.7	1.9	0.8	0.5
443	12/10/2014 01:16:11	14.69	47.04	30.60	8.67	8.08	16.0	3.328	103.1	2.1	0.9	0.5
444	12/10/2014 01:31:11	14.76	47.24	30.75	8.78	8.09	14.9	3.415	104.7	1.9	0.8	0.4
445	12/10/2014 01:46:11	14.85	47.13	30.67	8.93	8.11	15.2	3.480	106.5	1.1	0.5	0.3
446	12/10/2014 02:01:11	14.91	47.16	30.69	8.98	8.12	13.9	3.528	107.3	1.3	0.6	0.3
447	12/10/2014 02:16:11	14.96	47.02	30.60	9.03	8.13	12.3	3.601	108.0	1.3	0.6	0.3
448	12/10/2014 02:31:11	15.00	47.07	30.63	9.06	8.13	11.5	3.662	108.5	1.4	0.6	0.3
449	12/10/2014 02:46:11	14.92	47.03	30.60	8.96	8.12	9.4	3.651	107.1	1.4	0.6	0.3
450	12/10/2014 03:01:11	14.80	46.95	30.54	8.88	8.10	10.6	3.657	105.7	1.7	0.7	0.4
451	12/10/2014 03:16:11	14.90	46.99	30.57	8.92	8.12	10.3	3.672	106.5	1.9	0.8	0.4
452	12/10/2014 03:31:11	14.80	46.90	30.50	8.82	8.10	8.8	3.650	105.0	1.4	0.6	0.3
453	12/10/2014 03:46:11	14.90	47.06	30.62	8.94	8.12	10.1	3.600	106.8	1.1	0.5	0.3
454	12/10/2014 04:01:11	14.61	46.64	30.31	8.82	8.08	14.4	3.571	104.5	1.7	0.7	0.4
455	12/10/2014 04:16:11	14.68	46.78	30.42	8.79	8.09	13.9	3.527	104.4	1.9	0.8	0.5
456	12/10/2014 04:31:11	14.76	46.99	30.57	8.85	8.10	12.5	3.417	105.4	1.7	0.7	0.4
457	12/10/2014 04:46:11	14.65	46.84	30.46	8.73	8.08	15.0	3.359	103.6	1.7	0.7	0.4
458	12/10/2014 05:01:11	14.60	46.79	30.42	8.65	8.06	13.6	3.308	102.5	1.5	0.7	0.4
459	12/10/2014 05:16:11	14.55	46.69	30.35	8.66	8.06	11.9	3.243	102.5	1.7	0.7	0.4
460	12/10/2014 05:31:11	14.57	46.84	30.45	8.64	8.06	11.1	3.152	102.4	1.1	0.5	0.3
461	12/10/2014 05:46:12	14.53	46.79	30.42	8.59	8.05	13.8	3.086	101.6	1.4	0.6	0.3
462	12/10/2014 06:01:11	14.47	46.57	30.25	8.56	8.04	13.1	3.053	101.1	2.0	0.9	0.5
463	12/10/2014 06:16:11	14.32	46.25	30.02	8.54	8.01	11.5	3.011	100.4	2.0	0.9	0.5
464	12/10/2014 06:31:11	14.31	46.21	30.00	8.50	8.00	11.7	2.906	99.9	2.1	0.9	0.5
465	12/10/2014 06:46:11	14.29	46.12	29.93	8.51	8.00	11.0	2.882	100.0	1.9	0.8	0.4
466	12/10/2014 07:01:11	14.25	46.00	29.84	8.50	7.99	10.3	2.794	99.7	1.5	0.7	0.4
467	12/10/2014 07:16:11	14.21	45.79	29.69	8.49	7.99	10.8	2.769	99.4	2.5	1.1	0.6
468	12/10/2014 07:31:11	14.21	45.90	29.77	8.49	7.98	10.4	2.735	99.5	2.2	1.0	0.5
469	12/10/2014 07:46:11	14.19	45.73	29.64	8.47	7.98	9.7	2.740	99.1	1.9	0.8	0.4
470	12/10/2014 08:01:11	14.19	45.78	29.68	8.42	7.98	9.6	2.733	98.6	1.9	0.8	0.5
471	12/10/2014 08:16:11	14.22	45.89	29.76	8.46	7.98	9.5	2.741	99.1	1.9	0.8	0.4
472	12/10/2014 08:31:11	14.23	45.87	29.75	8.49	7.99	9.8	2.765	99.4	1.9	0.8	0.4
473	12/10/2014 08:46:11	14.28	46.03	29.86	8.44	7.99	10.9	2.773	99.1	1.5	0.7	0.4
474	12/10/2014 09:01:11	14.28	46.16	29.96	8.47	8.00	10.8	2.800	99.5	1.8	0.8	0.4
475	12/10/2014 09:16:11	14.35	46.35	30.09	8.48	8.01	9.9	2.870	99.9	1.5	0.7	0.4
476	12/10/2014 09:31:11	14.40	46.46	30.18	8.51	8.02	11.4	2.901	100.3	1.2	0.5	0.3
477	12/10/2014 09:46:11	14.46	46.60	30.28	8.52	8.03	11.1	2.976	100.7	1.3	0.6	0.3
478	12/10/2014 10:01:11	14.53	46.77	30.41	8.56	8.05	11.2	3.026	101.4	1.7	0.7	0.4
479	12/10/2014 10:16:11	14.62	46.79	30.42	8.65	8.07	10.8	3.103	102.5	1.8	0.8	0.4
480	12/10/2014 10:31:11	14.63	46.76	30.40	8.67	8.07	10.4	3.179	102.9	1.3	0.6	0.3
481	12/10/2014 10:46:11	14.61	46.71	30.36	8.66	8.06	11.0	3.238	102.6	1.4	0.6	0.3
482	12/10/2014 11:01:11	14.60	46.66	30.32	8.64	8.06	11.5	3.329	102.4	1.6	0.7	0.4
483	12/10/2014 11:16:11	14.72	46.90	30.50	8.71	8.08	12.0	3.371	103.5	1.5	0.7	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
484	12/10/2014 11:31:11	14.77	46.99	30.57	8.76	8.09	10.9	3.461	104.3	1.7	0.7	0.4
485	12/10/2014 11:46:12	14.85	47.05	30.61	8.77	8.11	10.7	3.519	104.6	1.6	0.7	0.4
486	12/10/2014 12:01:11	14.89	46.99	30.57	8.82	8.11	9.7	3.620	105.2	1.2	0.5	0.3
487	12/10/2014 12:16:12	14.92	47.19	30.71	8.85	8.12	11.1	3.686	105.7	1.3	0.6	0.3
488	12/10/2014 12:31:12	14.97	47.26	30.77	8.85	8.13	9.7	3.723	105.9	1.5	0.7	0.3
489	12/10/2014 12:46:11	14.99	47.26	30.77	8.88	8.13	9.0	3.748	106.4	1.4	0.6	0.3
490	12/10/2014 13:01:11	15.01	47.29	30.79	8.87	8.13	7.9	3.817	106.2	1.2	0.5	0.3
491	12/10/2014 13:16:11	15.02	47.13	30.68	8.89	8.14	7.9	3.828	106.4	1.0	0.4	0.2
492	12/10/2014 13:31:11	15.04	47.32	30.81	8.89	8.14	6.7	3.882	106.6	1.4	0.6	0.3
493	12/10/2014 13:46:11	15.04	47.41	30.88	8.89	8.14	6.8	3.869	106.7	0.9	0.4	0.2
494	12/10/2014 14:01:11	15.03	47.26	30.77	8.82	8.14	7.6	3.877	105.7	1.2	0.5	0.3
495	12/10/2014 14:16:11	15.03	47.29	30.79	8.86	8.14	7.7	3.929	106.2	0.9	0.4	0.2
496	12/10/2014 14:31:11	15.02	47.23	30.75	8.81	8.13	7.5	3.880	105.5	1.1	0.5	0.2
497	12/10/2014 14:46:11	14.84	46.82	30.44	8.78	8.10	10.3	3.747	104.5	1.2	0.5	0.3
498	12/10/2014 15:01:12	14.77	46.50	30.21	8.70	8.10	8.2	3.711	103.3	1.4	0.6	0.3
499	12/10/2014 15:16:12	14.83	46.58	30.27	8.74	8.11	7.2	3.645	104.0	1.3	0.6	0.3
500	12/10/2014 15:31:11	14.80	46.53	30.23	8.77	8.11	6.9	3.535	104.3	1.3	0.6	0.3
501	12/10/2014 15:46:11	14.67	46.44	30.17	8.66	8.08	7.8	3.435	102.6	1.2	0.5	0.3
502	12/10/2014 16:01:11	14.64	46.42	30.15	8.70	8.07	9.7	3.330	103.0	1.6	0.7	0.4
503	12/10/2014 16:16:11	14.61	46.38	30.12	8.67	8.07	10.1	3.256	102.6	1.8	0.8	0.4
504	12/10/2014 16:31:11	14.56	46.30	30.06	8.61	8.05	9.5	3.143	101.8	1.7	0.7	0.4
505	12/10/2014 16:46:11	14.49	46.16	29.97	8.61	8.04	9.8	3.050	101.5	1.6	0.7	0.4
506	12/10/2014 17:01:11	14.49	46.09	29.91	8.60	8.04	9.8	2.958	101.4	1.2	0.5	0.3
507	12/10/2014 17:16:11	14.47	46.20	29.99	8.57	8.04	9.2	2.896	101.1	1.5	0.7	0.4
508	12/10/2014 17:31:11	14.36	45.78	29.69	8.53	8.02	10.3	2.772	100.2	1.8	0.8	0.4
509	12/10/2014 17:46:11	14.28	45.65	29.59	8.46	8.00	12.3	2.643	99.1	1.6	0.7	0.4
510	12/10/2014 18:01:11	14.36	46.12	29.93	8.47	8.02	10.6	2.581	99.6	1.9	0.8	0.5
511	12/10/2014 18:16:11	14.30	45.64	29.58	8.51	8.00	11.1	2.470	99.7	1.5	0.7	0.4
512	12/10/2014 18:31:11	14.27	45.68	29.61	8.47	8.00	12.0	2.351	99.3	1.9	0.8	0.4
513	12/10/2014 18:46:11	14.24	45.68	29.61	8.46	8.00	11.7	2.274	99.1	1.7	0.7	0.4
514	12/10/2014 19:01:11	14.17	45.32	29.35	8.42	7.97	12.1	2.160	98.3	2.1	0.9	0.5
515	12/10/2014 19:16:11	14.16	45.24	29.29	8.41	7.97	12.8	2.056	98.1	1.9	0.8	0.4
516	12/10/2014 19:31:11	14.12	45.08	29.18	8.39	7.96	12.9	1.993	97.7	2.1	0.9	0.5
517	12/10/2014 19:46:12	14.11	45.12	29.20	8.37	7.96	11.6	1.908	97.5	1.6	0.7	0.4
518	12/10/2014 20:01:11	14.05	44.98	29.10	8.38	7.95	11.7	1.868	97.4	1.7	0.7	0.4
519	12/10/2014 20:16:11	14.02	44.72	28.92	8.37	7.94	11.5	1.817	97.1	2.3	1.0	0.5
520	12/10/2014 20:31:11	14.02	44.75	28.93	8.37	7.94	11.5	1.743	97.1	2.0	0.9	0.5
521	12/10/2014 20:46:11	14.00	44.65	28.87	8.33	7.93	11.2	1.779	96.6	2.2	1.0	0.5
522	12/10/2014 21:01:12	14.01	44.81	28.98	8.34	7.94	11.1	1.775	96.8	2.3	1.0	0.5
523	12/10/2014 21:16:11	14.02	44.72	28.92	8.34	7.94	11.2	1.783	96.8	2.1	0.9	0.5
524	12/10/2014 21:31:11	14.03	44.91	29.05	8.36	7.94	11.1	1.855	97.1	2.6	1.1	0.6
525	12/10/2014 21:46:11	14.04	44.48	28.75	8.38	7.94	11.2	1.923	97.2	1.9	0.8	0.4
526	12/10/2014 22:01:10	14.06	44.69	28.90	8.36	7.94	11.7	1.998	97.1	2.4	1.1	0.6
527	12/10/2014 22:16:11	14.09	44.68	28.89	8.36	7.95	11.5	2.064	97.2	2.4	1.1	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
528	12/10/2014 22:31:11	14.10	44.29	28.61	8.37	7.95	11.2	2.173	97.1	2.1	0.9	0.5
529	12/10/2014 22:46:11	14.12	44.24	28.57	8.39	7.95	10.9	2.213	97.4	2.1	0.9	0.5
530	12/10/2014 23:01:11	14.16	44.42	28.70	8.40	7.96	9.9	2.326	97.7	1.9	0.8	0.4
531	12/10/2014 23:16:11	14.21	44.97	29.10	8.40	7.98	11.1	2.392	98.0	1.9	0.8	0.5
532	12/10/2014 23:31:11	14.20	44.96	29.09	8.46	7.98	13.1	2.488	98.7	2.2	1.0	0.5
533	12/10/2014 23:46:11	14.19	45.15	29.23	8.47	7.98	12.7	2.587	98.8	2.0	0.9	0.5
534	12/11/2014 00:01:11	14.18	45.25	29.30	8.48	7.98	14.0	2.649	99.0	2.3	1.0	0.5
535	12/11/2014 00:16:11	14.23	45.41	29.42	8.49	7.99	16.2	2.733	99.2	1.9	0.8	0.5
536	12/11/2014 00:31:11	14.25	45.30	29.34	8.49	7.99	17.9	2.795	99.3	1.7	0.7	0.4
537	12/11/2014 00:46:11	14.29	45.54	29.51	8.50	8.00	18.3	2.888	99.6	2.1	0.9	0.5
538	12/11/2014 01:01:11	14.38	45.76	29.67	8.53	8.02	18.4	2.969	100.2	1.8	0.8	0.4
539	12/11/2014 01:16:11	14.49	45.95	29.81	8.58	8.05	19.4	3.052	101.1	1.9	0.8	0.5
540	12/11/2014 01:31:11	14.57	46.23	30.01	8.63	8.06	19.8	3.163	102.0	1.6	0.7	0.4
541	12/11/2014 01:46:11	14.68	46.49	30.21	8.71	8.09	21.9	3.238	103.3	1.9	0.8	0.4
542	12/11/2014 02:01:11	14.72	46.63	30.31	8.75	8.09	21.4	3.345	103.9	1.8	0.8	0.4
543	12/11/2014 02:16:11	14.76	46.76	30.40	8.74	8.10	21.3	3.407	103.9	1.8	0.8	0.4
544	12/11/2014 02:31:11	14.78	46.97	30.55	8.72	8.10	18.9	3.519	103.8	1.6	0.7	0.4
545	12/11/2014 02:46:11	14.79	46.79	30.42	8.71	8.10	16.3	3.563	103.6	1.4	0.6	0.3
546	12/11/2014 03:01:11	14.82	47.03	30.60	8.71	8.11	15.4	3.598	103.8	1.5	0.7	0.4
547	12/11/2014 03:16:11	14.81	46.96	30.54	8.66	8.10	10.2	3.628	103.2	1.7	0.7	0.4
548	12/11/2014 03:31:11	14.88	46.98	30.56	8.71	8.11	10.4	3.683	104.0	1.2	0.5	0.3
549	12/11/2014 03:46:11	14.89	46.99	30.57	8.71	8.12	8.9	3.688	103.9	1.7	0.7	0.4
550	12/11/2014 04:01:11	14.84	46.80	30.44	8.68	8.10	10.1	3.701	103.4	1.5	0.7	0.4
551	12/11/2014 04:16:11	14.82	46.96	30.55	8.65	8.10	11.3	3.680	103.1	1.5	0.7	0.4
552	12/11/2014 04:31:11	14.81	46.93	30.52	8.64	8.10	9.8	3.680	103.0	1.1	0.5	0.3
553	12/11/2014 04:46:11	14.71	46.37	30.12	8.61	8.08	11.9	3.607	102.1	2.5	1.1	0.6
554	12/11/2014 05:01:11	14.62	46.00	29.85	8.60	8.07	11.7	3.549	101.6	1.5	0.7	0.4
555	12/11/2014 05:16:11	14.65	46.16	29.97	8.62	8.07	10.9	3.495	101.9	1.0	0.4	0.2
556	12/11/2014 05:31:11	14.66	46.14	29.95	8.64	8.08	10.9	3.428	102.2	1.1	0.5	0.3
557	12/11/2014 05:46:11	14.60	45.88	29.76	8.62	8.06	11.6	3.399	101.8	1.1	0.5	0.3
558	12/11/2014 06:01:11	14.54	45.79	29.70	8.57	8.05	12.3	3.329	101.0	1.6	0.7	0.4
559	12/11/2014 06:16:11	14.52	45.87	29.75	8.56	8.05	11.6	3.239	100.9	1.4	0.6	0.3
560	12/11/2014 06:31:11	14.50	45.87	29.75	8.55	8.04	10.8	3.162	100.7	1.5	0.7	0.4
561	12/11/2014 06:46:11	14.46	45.74	29.66	8.52	8.04	12.7	3.141	100.2	1.7	0.7	0.4
562	12/11/2014 07:01:11	14.41	45.55	29.52	8.50	8.03	13.1	3.126	99.9	1.8	0.8	0.4
563	12/11/2014 07:16:11	14.38	45.46	29.45	8.53	8.03	14.8	3.060	100.0	1.1	0.5	0.3
564	12/11/2014 07:31:11	14.34	45.29	29.33	8.52	8.02	15.1	3.031	99.8	1.4	0.6	0.3
565	12/11/2014 07:46:11	14.28	44.78	28.96	8.52	8.01	14.7	3.006	99.5	2.0	0.9	0.5
566	12/11/2014 08:01:11	14.28	45.15	29.23	8.50	8.01	14.7	2.964	99.4	1.7	0.7	0.4
567	12/11/2014 08:16:11	14.25	44.88	29.04	8.46	8.01	13.9	2.963	98.8	2.3	1.0	0.5
568	12/11/2014 08:31:11	14.27	44.89	29.04	8.37	8.00	13.0	2.939	97.7	2.0	0.9	0.5
569	12/11/2014 08:46:11	14.26	44.68	28.89	8.42	8.00	13.5	2.897	98.1	2.4	1.1	0.6
570	12/11/2014 09:01:11	14.27	44.84	29.01	8.35	7.99	12.4	2.930	97.5	2.1	0.9	0.5
571	12/11/2014 09:16:11	14.27	44.81	28.99	8.45	8.00	13.9	2.932	98.6	1.5	0.7	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
572	12/11/2014 09:31:11	14.31	45.01	29.13	8.44	8.00	13.0	2.940	98.7	1.6	0.7	0.4
573	12/11/2014 09:46:11	14.34	45.12	29.21	8.43	8.01	12.4	2.951	98.7	2.0	0.9	0.5
574	12/11/2014 10:01:11	14.33	45.19	29.26	8.47	8.01	12.0	3.007	99.1	1.6	0.7	0.4
575	12/11/2014 10:16:11	14.31	44.85	29.02	8.49	8.01	13.9	3.029	99.1	1.8	0.8	0.4
576	12/11/2014 10:31:11	14.37	45.14	29.22	8.53	8.03	11.1	3.082	99.9	1.5	0.7	0.4
577	12/11/2014 10:46:11	14.42	45.55	29.52	8.50	8.04	11.1	3.117	99.9	1.0	0.4	0.2
578	12/11/2014 11:01:11	14.45	45.59	29.55	8.51	8.04	10.5	3.196	100.0	1.4	0.6	0.3
579	12/11/2014 11:16:11	14.47	45.84	29.73	8.51	8.05	10.9	3.264	100.2	1.4	0.6	0.3
580	12/11/2014 11:31:11	14.55	45.98	29.84	8.56	8.06	11.8	3.300	101.0	1.5	0.7	0.3
581	12/11/2014 11:46:11	14.55	46.04	29.88	8.57	8.06	11.1	3.358	101.2	0.9	0.4	0.2
582	12/11/2014 12:01:11	14.58	46.19	29.98	8.59	8.07	10.0	3.418	101.6	1.1	0.5	0.3
583	12/11/2014 12:16:11	14.57	46.19	29.98	8.55	8.07	9.7	3.463	101.0	1.1	0.5	0.3
584	12/11/2014 12:31:11	14.59	46.21	30.00	8.58	8.07	8.7	3.511	101.4	1.2	0.5	0.3
585	12/11/2014 12:46:11	14.61	46.21	30.00	8.54	8.07	8.7	3.544	101.0	1.2	0.5	0.3
586	12/11/2014 13:01:11	14.65	46.36	30.11	8.57	8.08	7.5	3.574	101.5	1.2	0.5	0.3
587	12/11/2014 13:16:11	14.65	46.36	30.11	8.55	8.08	7.3	3.639	101.2	1.4	0.6	0.3
588	12/11/2014 13:31:11	14.68	46.39	30.13	8.53	8.08	6.5	3.624	101.1	1.0	0.4	0.2
589	12/11/2014 13:46:11	14.66	46.38	30.12	8.51	8.08	6.7	3.670	100.9	1.0	0.4	0.2
590	12/11/2014 14:01:11	14.76	46.48	30.20	8.50	8.09	6.4	3.708	101.0	0.5	0.2	0.1
591	12/11/2014 14:16:11	14.75	46.50	30.22	8.52	8.09	7.0	3.679	101.2	1.0	0.4	0.2
592	12/11/2014 14:31:11	14.75	46.44	30.17	8.51	8.09	7.0	3.693	101.1	0.8	0.4	0.2
593	12/11/2014 14:46:11	14.73	46.42	30.16	8.52	8.09	8.2	3.685	101.1	1.0	0.4	0.2
594	12/11/2014 15:01:11	14.74	46.41	30.15	8.55	8.09	7.6	3.684	101.4	1.1	0.5	0.2
595	12/11/2014 15:16:11	14.66	46.37	30.12	8.53	8.08	7.4	3.636	101.1	1.1	0.5	0.2
596	12/11/2014 15:31:11	14.70	46.24	30.02	8.53	8.08	8.1	3.588	101.0	1.0	0.4	0.2
597	12/11/2014 15:46:11	14.56	45.97	29.82	8.54	8.06	10.4	3.548	100.8	1.6	0.7	0.4
598	12/11/2014 16:01:11	14.59	46.01	29.86	8.55	8.07	10.4	3.543	100.9	1.2	0.5	0.3
599	12/11/2014 16:16:11	14.53	45.84	29.73	8.52	8.05	9.4	3.429	100.4	1.5	0.7	0.3
600	12/11/2014 16:31:11	14.41	45.21	29.28	8.50	8.03	9.8	3.348	99.6	1.9	0.8	0.4
601	12/11/2014 16:46:11	14.41	44.92	29.07	8.51	8.04	11.7	3.294	99.7	1.7	0.7	0.4
602	12/11/2014 17:01:11	14.26	43.61	28.13	8.53	8.01	11.9	3.190	99.1	1.5	0.7	0.4
603	12/11/2014 17:16:11	14.32	44.85	29.01	8.44	8.02	11.2	3.113	98.6	1.8	0.8	0.4
604	12/11/2014 17:31:11	14.22	44.29	28.61	8.46	8.00	14.4	3.027	98.4	2.3	1.0	0.5
605	12/11/2014 17:46:11	14.18	44.18	28.53	8.45	7.99	15.0	2.923	98.2	1.9	0.8	0.4
606	12/11/2014 18:01:11	14.18	44.23	28.56	8.45	7.99	12.0	2.843	98.1	1.7	0.7	0.4
607	12/11/2014 18:16:11	14.17	44.12	28.49	8.43	7.99	11.5	2.753	97.9	1.7	0.7	0.4
608	12/11/2014 18:31:11	14.18	44.16	28.52	8.41	8.00	11.2	2.655	97.7	1.9	0.8	0.4
609	12/11/2014 18:46:11	14.16	44.20	28.55	8.43	8.00	11.2	2.574	97.9	1.8	0.8	0.4
610	12/11/2014 19:01:11	14.12	44.10	28.47	8.44	7.99	10.0	2.475	97.8	1.9	0.8	0.4
611	12/11/2014 19:16:11	14.07	43.99	28.39	8.42	7.98	10.9	2.395	97.6	1.5	0.7	0.4
612	12/11/2014 19:31:11	14.06	43.91	28.34	8.42	7.98	10.0	2.324	97.5	1.9	0.8	0.5
613	12/11/2014 19:46:11	14.02	43.93	28.35	8.39	7.97	11.2	2.202	97.0	2.2	1.0	0.5
614	12/11/2014 20:01:11	13.99	43.99	28.39	8.35	7.96	11.8	2.146	96.6	2.1	0.9	0.5
615	12/11/2014 20:16:12	13.96	43.94	28.36	8.31	7.96	10.6	2.083	96.1	2.0	0.9	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
616	12/11/2014 20:31:11	13.92	43.85	28.29	8.26	7.95	10.9	2.015	95.3	1.7	0.7	0.4
617	12/11/2014 20:46:11	13.90	43.80	28.25	8.23	7.94	10.9	1.966	94.9	1.6	0.7	0.4
618	12/11/2014 21:01:11	13.89	43.94	28.35	8.20	7.94	11.1	1.926	94.6	2.1	0.9	0.5
619	12/11/2014 21:16:12	13.88	43.88	28.31	8.11	7.94	9.0	1.898	93.5	2.4	1.1	0.6
620	12/11/2014 21:31:11	13.93	43.98	28.38	8.20	7.94	11.2	1.942	94.7	2.5	1.1	0.6
621	12/11/2014 21:46:11	13.95	43.92	28.34	8.19	7.94	11.1	1.928	94.6	2.0	0.9	0.5
622	12/11/2014 22:01:11	13.96	44.05	28.43	8.23	7.94	11.5	1.980	95.1	1.9	0.8	0.4
623	12/11/2014 22:16:11	13.97	43.74	28.21	8.23	7.94	11.7	2.031	95.0	2.1	0.9	0.5
624	12/11/2014 22:31:11	13.97	43.57	28.09	8.26	7.94	13.1	2.122	95.3	2.4	1.1	0.6
625	12/11/2014 22:46:11	13.94	42.82	27.55	8.30	7.94	12.4	2.183	95.4	2.4	1.1	0.6
626	12/11/2014 23:01:11	13.97	42.80	27.54	8.31	7.94	11.7	2.246	95.6	2.1	0.9	0.5
627	12/11/2014 23:16:11	13.98	42.83	27.56	8.33	7.95	11.9	2.342	95.9	2.6	1.1	0.6
628	12/11/2014 23:31:11	14.00	42.83	27.56	8.35	7.95	13.3	2.417	96.1	2.5	1.1	0.6
629	12/11/2014 23:46:11	14.04	43.22	27.84	8.35	7.96	12.3	2.490	96.3	2.1	0.9	0.5
630	12/12/2014 00:01:11	14.08	43.95	28.36	8.36	7.97	13.5	2.565	96.8	1.8	0.8	0.4
631	12/12/2014 00:16:12	14.08	44.08	28.46	8.37	7.97	15.3	2.675	97.0	2.0	0.9	0.5
632	12/12/2014 00:31:11	14.07	44.06	28.45	8.40	7.97	14.5	2.728	97.3	1.8	0.8	0.4
633	12/12/2014 00:46:11	14.04	43.97	28.38	8.41	7.97	13.0	2.813	97.4	1.8	0.8	0.4
634	12/12/2014 01:01:11	14.08	44.03	28.42	8.42	7.98	14.7	2.891	97.5	2.3	1.0	0.5
635	12/12/2014 01:16:11	14.14	44.12	28.49	8.42	7.99	18.1	2.968	97.7	1.9	0.8	0.5
636	12/12/2014 01:31:12	14.17	44.20	28.55	8.42	7.99	25.2	3.069	97.7	2.7	1.2	0.6
637	12/12/2014 01:46:11	14.23	44.37	28.67	8.44	8.01	20.5	3.149	98.3	2.3	1.0	0.5
638	12/12/2014 02:01:11	14.24	44.53	28.78	8.50	8.01	17.2	3.254	99.1	2.1	0.9	0.5
639	12/12/2014 02:16:11	14.28	44.62	28.85	8.50	8.02	19.1	3.316	99.2	1.8	0.8	0.4
640	12/12/2014 02:31:11	14.32	44.87	29.03	8.49	8.03	16.0	3.407	99.2	1.7	0.7	0.4
641	12/12/2014 02:46:11	14.46	45.38	29.40	8.52	8.05	19.5	3.477	100.1	1.5	0.7	0.4
642	12/12/2014 03:01:11	14.58	45.72	29.65	8.60	8.08	17.8	3.544	101.4	1.5	0.7	0.4
643	12/12/2014 03:16:11	14.61	45.87	29.76	8.61	8.08	14.4	3.589	101.7	1.7	0.7	0.4
644	12/12/2014 03:31:11	14.63	46.01	29.86	8.61	8.08	12.7	3.671	101.7	1.7	0.7	0.4
645	12/12/2014 03:46:11	14.63	45.94	29.80	8.59	8.09	10.6	3.690	101.5	1.0	0.4	0.2
646	12/12/2014 04:01:12	14.65	46.08	29.91	8.50	8.09	8.6	3.708	100.6	1.8	0.8	0.4
647	12/12/2014 04:16:11	14.66	46.10	29.92	8.54	8.09	9.2	3.748	101.0	1.3	0.6	0.3
648	12/12/2014 04:31:11	14.64	46.01	29.85	8.53	8.09	10.4	3.716	100.9	1.4	0.6	0.3
649	12/12/2014 04:46:12	14.65	46.13	29.95	8.51	8.09	10.3	3.716	100.7	1.3	0.6	0.3
650	12/12/2014 05:01:11	14.59	45.98	29.84	8.48	8.08	8.4	3.711	100.1	1.7	0.7	0.4
651	12/12/2014 05:16:11	14.46	45.49	29.48	8.40	8.05	9.4	3.635	98.7	1.4	0.6	0.3
652	12/12/2014 05:31:11	13.98	44.10	28.47	8.46	8.01	8.7	3.592	97.8	1.6	0.7	0.4
653	12/12/2014 05:46:11	14.03	44.47	28.74	8.45	8.02	7.7	3.567	98.0	1.9	0.8	0.4
654	12/12/2014 06:01:11	14.04	44.38	28.67	8.50	8.01	7.6	3.503	98.6	1.2	0.5	0.3
655	12/12/2014 06:16:11	14.05	44.54	28.79	8.44	8.01	7.8	3.419	97.9	1.6	0.7	0.4
656	12/12/2014 06:31:11	13.91	43.76	28.23	8.39	7.99	8.6	3.370	96.7	1.5	0.7	0.4
657	12/12/2014 06:46:11	13.88	43.76	28.22	8.37	7.99	7.8	3.306	96.5	1.9	0.8	0.4
658	12/12/2014 07:01:11	13.85	43.53	28.06	8.38	7.98	8.1	3.250	96.4	2.0	0.9	0.5
659	12/12/2014 07:16:11	13.72	43.02	27.69	8.35	7.97	7.6	3.207	95.5	1.7	0.7	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
660	12/12/2014 07:31:12	13.84	43.57	28.09	8.29	7.97	8.7	3.143	95.4	1.9	0.8	0.4
661	12/12/2014 07:46:12	13.91	43.90	28.33	8.29	7.98	8.7	3.096	95.6	1.9	0.8	0.4
662	12/12/2014 08:01:11	13.88	43.76	28.22	8.29	7.97	8.3	3.058	95.5	1.7	0.7	0.4
663	12/12/2014 08:16:11	13.96	43.80	28.26	8.31	7.98	8.0	3.009	95.9	1.6	0.7	0.4
664	12/12/2014 08:31:11	13.96	43.93	28.35	8.28	7.98	7.6	2.998	95.7	1.6	0.7	0.4
665	12/12/2014 08:46:11	13.63	42.74	27.49	8.30	7.96	7.5	2.964	94.8	2.2	1.0	0.5
666	12/12/2014 09:01:11	13.81	43.47	28.02	8.26	7.97	7.5	2.936	94.9	1.4	0.6	0.3
667	12/12/2014 09:16:11	13.85	43.64	28.14	8.24	7.97	7.5	2.920	94.9	1.7	0.7	0.4
668	12/12/2014 09:31:11	13.75	43.55	28.07	8.23	7.96	7.1	2.894	94.5	1.5	0.7	0.4
669	12/12/2014 09:46:11	13.85	43.56	28.08	8.14	7.96	7.0	2.862	93.7	1.5	0.7	0.4
670	12/12/2014 10:01:11	13.89	43.54	28.07	8.22	7.97	7.5	2.891	94.6	1.9	0.8	0.4
671	12/12/2014 10:16:11	13.89	43.88	28.31	8.26	7.97	7.8	2.877	95.3	1.8	0.8	0.4
672	12/12/2014 10:31:11	13.89	43.60	28.11	8.25	7.97	7.4	2.880	95.0	1.6	0.7	0.4
673	12/12/2014 10:46:11	13.84	43.61	28.12	8.28	7.97	7.4	2.919	95.3	1.8	0.8	0.4
674	12/12/2014 11:01:11	13.93	43.72	28.20	8.25	7.97	7.9	2.943	95.2	1.4	0.6	0.3
675	12/12/2014 11:16:11	13.99	43.88	28.31	8.27	7.98	7.9	2.973	95.6	1.4	0.6	0.3
676	12/12/2014 11:31:11	13.99	43.88	28.31	8.27	7.98	8.6	3.016	95.6	1.4	0.6	0.3
677	12/12/2014 11:46:12	14.01	44.06	28.44	8.26	7.99	8.6	3.065	95.6	1.3	0.6	0.3
678	12/12/2014 12:01:12	14.04	44.04	28.43	8.28	7.99	8.1	3.103	95.8	1.6	0.7	0.4
679	12/12/2014 12:16:12	14.07	44.17	28.52	8.29	8.00	7.4	3.175	96.1	1.6	0.7	0.4
680	12/12/2014 12:31:11	14.05	43.85	28.29	8.32	7.99	7.6	3.221	96.3	1.6	0.7	0.4
681	12/12/2014 12:46:12	14.13	44.04	28.43	8.34	8.01	8.0	3.273	96.8	1.4	0.6	0.3
682	12/12/2014 13:01:11	14.21	44.50	28.76	8.37	8.02	8.0	3.334	97.5	1.4	0.6	0.3
683	12/12/2014 13:16:11	14.19	44.08	28.46	8.40	8.01	7.5	3.378	97.5	0.8	0.4	0.2
684	12/12/2014 13:31:11	14.20	44.31	28.62	8.40	8.02	8.1	3.430	97.7	1.4	0.6	0.3
685	12/12/2014 13:46:11	14.20	44.34	28.64	8.37	8.02	7.6	3.446	97.4	1.5	0.7	0.4
686	12/12/2014 14:01:11	14.21	44.66	28.88	8.34	8.02	7.3	3.484	97.1	1.5	0.7	0.3
687	12/12/2014 14:16:11	14.21	44.60	28.83	8.33	8.02	6.7	3.503	97.1	1.0	0.4	0.2
688	12/12/2014 14:31:11	14.21	44.66	28.88	8.33	8.02	7.2	3.529	97.1	0.7	0.3	0.2
689	12/12/2014 14:46:11	14.21	44.71	28.92	8.31	8.02	6.7	3.529	96.8	1.5	0.7	0.4
690	12/12/2014 15:01:11	14.21	44.67	28.89	8.28	8.02	6.6	3.531	96.5	1.1	0.5	0.3
691	12/12/2014 15:16:11	14.21	44.72	28.92	8.31	8.02	7.0	3.522	96.8	1.3	0.6	0.3
692	12/12/2014 15:31:11	14.20	44.64	28.86	8.31	8.02	7.6	3.502	96.8	1.5	0.7	0.4
693	12/12/2014 15:46:11	14.19	44.62	28.85	8.30	8.01	6.8	3.471	96.7	1.4	0.6	0.3
694	12/12/2014 16:01:11	14.23	43.99	28.39	8.64	8.01	7.0	3.426	100.4	1.6	0.7	0.4
695	12/12/2014 16:16:11	14.18	43.75	28.22	8.63	8.01	7.0	3.383	100.0	1.9	0.8	0.5
696	12/12/2014 16:31:11	14.16	43.63	28.14	8.59	8.01	6.5	3.339	99.5	1.7	0.7	0.4
697	12/12/2014 16:46:11	14.13	43.54	28.08	8.59	8.01	6.5	3.282	99.4	1.4	0.6	0.3
698	12/12/2014 17:01:11	14.18	43.04	27.72	8.57	8.02	7.4	3.219	99.1	1.8	0.8	0.4
699	12/12/2014 17:16:11	14.15	42.98	27.67	8.50	8.01	8.9	3.146	98.2	2.1	0.9	0.5
700	12/12/2014 17:31:11	14.05	43.26	27.87	8.38	7.99	9.0	3.108	96.7	1.8	0.8	0.4
701	12/12/2014 17:46:11	14.02	43.08	27.74	8.42	7.98	8.3	3.031	97.1	1.6	0.7	0.4
702	12/12/2014 18:01:11	13.92	42.90	27.61	8.43	7.98	8.4	2.960	96.9	2.3	1.0	0.5
703	12/12/2014 18:16:11	13.83	42.64	27.42	8.41	7.97	9.2	2.910	96.4	2.2	1.0	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
704	12/12/2014 18:31:11	13.79	42.46	27.29	8.38	7.96	8.7	2.831	95.8	2.1	0.9	0.5
705	12/12/2014 18:46:11	13.72	42.69	27.46	8.34	7.95	7.8	2.760	95.4	2.1	0.9	0.5
706	12/12/2014 19:01:12	13.66	42.60	27.39	8.32	7.95	9.1	2.675	94.9	2.1	0.9	0.5
707	12/12/2014 19:16:12	13.62	42.56	27.36	8.31	7.94	8.4	2.605	94.8	2.1	0.9	0.5
708	12/12/2014 19:31:11	13.59	42.42	27.26	8.32	7.95	7.9	2.540	94.7	2.0	0.9	0.5
709	12/12/2014 19:46:12	13.55	42.76	27.50	8.30	7.95	8.2	2.460	94.6	2.1	0.9	0.5
710	12/12/2014 20:01:11	13.49	42.63	27.41	8.31	7.94	7.7	2.405	94.5	1.9	0.8	0.5
711	12/12/2014 20:16:11	13.46	42.83	27.55	8.29	7.93	7.5	2.321	94.3	1.9	0.8	0.4
712	12/12/2014 20:31:12	13.40	42.90	27.60	8.27	7.93	7.3	2.243	94.0	2.0	0.9	0.5
713	12/12/2014 20:46:12	13.35	42.92	27.61	8.28	7.92	7.3	2.185	94.0	1.7	0.7	0.4
714	12/12/2014 21:01:11	13.33	42.94	27.62	8.27	7.92	7.2	2.122	93.8	1.9	0.8	0.4
715	12/12/2014 21:16:11	13.31	42.87	27.57	8.28	7.92	6.9	2.100	93.9	1.9	0.8	0.4
716	12/12/2014 21:31:11	13.34	42.91	27.60	8.22	7.92	6.2	2.082	93.3	2.4	1.1	0.6
717	12/12/2014 21:46:11	13.31	42.79	27.52	8.23	7.92	6.8	2.085	93.3	2.6	1.1	0.6
718	12/12/2014 22:01:11	13.46	43.13	27.77	8.22	7.92	6.8	2.073	93.6	1.8	0.8	0.4
719	12/12/2014 22:16:11	13.53	42.99	27.66	8.23	7.92	6.8	2.094	93.9	2.0	0.9	0.5
720	12/12/2014 22:31:11	13.53	42.99	27.67	8.25	7.92	7.3	2.139	94.0	1.7	0.7	0.4
721	12/12/2014 22:46:11	13.54	43.08	27.73	8.26	7.93	7.8	2.166	94.2	2.0	0.9	0.5
722	12/12/2014 23:01:11	13.55	42.95	27.64	8.26	7.92	7.6	2.225	94.2	1.6	0.7	0.4
723	12/12/2014 23:16:11	13.56	42.85	27.57	8.26	7.92	7.4	2.297	94.2	2.0	0.9	0.5
724	12/12/2014 23:31:11	13.56	42.37	27.22	8.29	7.92	9.2	2.349	94.3	1.8	0.8	0.4
725	12/12/2014 23:46:11	13.58	42.49	27.31	8.27	7.92	7.8	2.410	94.2	2.3	1.0	0.5
726	12/13/2014 00:01:11	13.61	42.63	27.41	8.27	7.93	7.9	2.489	94.3	2.4	1.1	0.6
727	12/13/2014 00:16:11	13.68	42.45	27.29	8.28	7.94	9.0	2.544	94.5	2.2	1.0	0.5
728	12/13/2014 00:31:11	13.74	42.35	27.21	8.28	7.94	8.7	2.601	94.5	2.1	0.9	0.5
729	12/13/2014 00:46:11	13.78	42.57	27.37	8.28	7.95	9.0	2.685	94.7	2.0	0.9	0.5
730	12/13/2014 01:01:11	13.78	42.74	27.49	8.29	7.95	8.9	2.762	94.9	1.7	0.7	0.4
731	12/13/2014 01:16:11	13.72	42.26	27.15	8.32	7.95	10.0	2.841	94.9	2.1	0.9	0.5
732	12/13/2014 01:31:11	13.79	42.96	27.65	8.30	7.95	10.0	2.902	95.1	1.6	0.7	0.4
733	12/13/2014 01:46:11	13.78	43.13	27.77	8.30	7.95	10.0	2.974	95.2	1.8	0.8	0.4
734	12/13/2014 02:01:11	13.76	42.94	27.64	8.32	7.96	11.3	3.055	95.3	2.4	1.1	0.6
735	12/13/2014 02:16:11	13.89	43.34	27.92	8.30	7.97	14.1	3.122	95.5	1.9	0.8	0.5
736	12/13/2014 02:31:11	13.97	43.44	27.99	8.31	7.98	12.1	3.196	95.8	1.9	0.8	0.5
737	12/13/2014 02:46:11	14.01	43.49	28.04	8.33	7.99	15.0	3.294	96.2	2.0	0.9	0.5
738	12/13/2014 03:01:11	14.00	43.47	28.02	8.36	7.99	16.7	3.371	96.4	2.2	1.0	0.5
739	12/13/2014 03:16:11	14.02	43.48	28.03	8.37	8.00	22.6	3.418	96.6	2.2	1.0	0.5
740	12/13/2014 03:31:12	14.08	43.95	28.36	8.38	8.01	20.3	3.492	97.0	2.5	1.1	0.6
741	12/13/2014 03:46:11	14.12	44.09	28.47	8.43	8.03	22.4	3.556	97.8	2.1	0.9	0.5
742	12/13/2014 04:01:11	14.19	44.31	28.62	8.47	8.04	17.8	3.614	98.5	1.9	0.8	0.4
743	12/13/2014 04:16:11	14.25	44.71	28.91	8.49	8.05	14.9	3.653	99.0	1.6	0.7	0.4
744	12/13/2014 04:31:11	14.29	44.69	28.90	8.49	8.06	12.2	3.674	99.1	1.8	0.8	0.4
745	12/13/2014 04:46:11	14.29	44.85	29.02	8.48	8.06	10.0	3.698	99.0	1.2	0.5	0.3
746	12/13/2014 05:01:11	14.24	44.65	28.87	8.46	8.05	11.1	3.695	98.5	1.6	0.7	0.4
747	12/13/2014 05:16:11	14.29	44.88	29.04	8.44	8.06	12.1	3.703	98.6	1.5	0.7	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
748	12/13/2014 05:31:11	14.29	44.75	28.94	8.44	8.06	12.0	3.670	98.5	1.6	0.7	0.4
749	12/13/2014 05:46:11	14.19	44.56	28.81	8.42	8.04	12.1	3.650	98.0	1.3	0.6	0.3
750	12/13/2014 06:01:11	13.62	43.17	27.79	8.32	7.98	9.8	3.593	95.1	1.9	0.8	0.4
751	12/13/2014 06:16:11	13.53	43.28	27.87	8.32	7.98	8.9	3.522	95.0	1.7	0.7	0.4
752	12/13/2014 06:31:11	13.49	42.98	27.66	8.40	7.99	8.8	3.497	95.7	1.9	0.8	0.4
753	12/13/2014 06:46:11	13.43	43.01	27.67	8.38	7.99	8.3	3.417	95.4	1.9	0.8	0.4
754	12/13/2014 07:01:12	13.30	42.83	27.54	8.33	7.97	7.6	3.366	94.5	1.9	0.8	0.4
755	12/13/2014 07:16:11	13.19	42.53	27.33	8.32	7.96	7.7	3.309	94.0	1.7	0.7	0.4
756	12/13/2014 07:31:11	13.05	42.14	27.05	8.31	7.94	7.4	3.246	93.5	1.9	0.8	0.4
757	12/13/2014 07:46:11	13.00	42.06	26.99	8.30	7.94	7.1	3.203	93.3	1.9	0.8	0.5
758	12/13/2014 08:01:10	13.16	42.27	27.14	8.25	7.94	7.2	3.148	93.1	1.3	0.6	0.3
759	12/13/2014 08:16:11	13.22	42.26	27.14	8.20	7.94	7.2	3.091	92.5	1.8	0.8	0.4
760	12/13/2014 08:31:11	13.19	42.48	27.29	8.18	7.94	6.3	3.047	92.4	1.7	0.7	0.4
761	12/13/2014 08:46:11	13.24	42.36	27.21	8.18	7.94	6.2	2.984	92.5	1.7	0.7	0.4
762	12/13/2014 09:01:12	13.25	42.50	27.31	8.17	7.94	6.7	2.949	92.4	1.6	0.7	0.4
763	12/13/2014 09:16:12	13.23	42.46	27.28	8.15	7.93	6.4	2.916	92.1	1.8	0.8	0.4
764	12/13/2014 09:31:11	13.22	42.45	27.27	8.15	7.93	5.9	2.874	92.1	2.0	0.9	0.5
765	12/13/2014 09:46:11	13.14	42.18	27.08	8.17	7.93	6.1	2.838	92.0	1.9	0.8	0.5
766	12/13/2014 10:01:11	13.11	42.22	27.11	8.15	7.92	5.7	2.801	91.8	1.7	0.7	0.4
767	12/13/2014 10:16:11	13.11	42.08	27.01	8.14	7.92	5.9	2.770	91.6	1.9	0.8	0.4
768	12/13/2014 10:31:11	13.13	42.27	27.14	8.16	7.92	5.6	2.755	92.0	2.0	0.9	0.5
769	12/13/2014 10:46:11	13.25	42.34	27.20	8.06	7.92	5.4	2.754	91.0	1.8	0.8	0.4
770	12/13/2014 11:01:11	13.13	42.11	27.03	8.13	7.92	5.6	2.749	91.6	1.7	0.7	0.4
771	12/13/2014 11:16:11	13.06	41.97	26.93	8.18	7.92	5.7	2.745	91.9	1.4	0.6	0.3
772	12/13/2014 11:31:12	13.01	42.02	26.96	8.19	7.92	5.4	2.767	91.9	2.0	0.9	0.5
773	12/13/2014 11:46:11	13.13	41.97	26.93	8.17	7.92	5.6	2.779	92.0	1.7	0.7	0.4
774	12/13/2014 12:01:11	13.14	42.17	27.07	8.20	7.93	5.5	2.797	92.4	1.6	0.7	0.4
775	12/13/2014 12:16:11	13.28	42.45	27.27	8.16	7.93	5.9	2.823	92.4	1.7	0.7	0.4
776	12/13/2014 12:31:12	13.28	42.46	27.28	8.13	7.93	6.1	2.851	92.0	1.6	0.7	0.4
777	12/13/2014 12:46:11	13.31	42.45	27.28	8.16	7.94	7.2	2.885	92.4	2.1	0.9	0.5
778	12/13/2014 13:01:11	13.39	42.63	27.41	8.18	7.94	7.0	2.921	92.8	1.5	0.7	0.3
779	12/13/2014 13:16:11	13.39	42.52	27.33	8.18	7.94	6.7	2.976	92.8	1.7	0.7	0.4
780	12/13/2014 13:31:12	13.38	42.42	27.26	8.21	7.94	6.6	3.019	93.1	1.6	0.7	0.4
781	12/13/2014 13:46:11	13.41	42.29	27.16	8.24	7.95	6.2	3.074	93.5	1.9	0.8	0.4
782	12/13/2014 14:01:12	13.54	42.61	27.39	8.24	7.96	6.8	3.117	93.8	1.7	0.7	0.4
783	12/13/2014 14:16:11	13.61	42.65	27.42	8.30	7.97	6.8	3.152	94.6	1.7	0.7	0.4
784	12/13/2014 14:31:11	13.66	42.76	27.51	8.31	7.97	6.6	3.225	94.9	1.5	0.7	0.3
785	12/13/2014 14:46:11	13.70	43.01	27.68	8.31	7.98	6.6	3.243	95.0	1.9	0.8	0.4
786	12/13/2014 15:01:12	13.71	43.23	27.84	8.29	7.98	6.7	3.291	95.0	1.7	0.7	0.4
787	12/13/2014 15:16:11	13.77	43.53	28.05	8.28	7.99	7.0	3.308	95.1	1.4	0.6	0.3
788	12/13/2014 15:31:12	13.77	43.35	27.93	8.24	7.99	6.5	3.327	94.5	1.7	0.7	0.4
789	12/13/2014 15:46:11	13.75	43.38	27.95	8.26	7.99	6.2	3.362	94.8	1.4	0.6	0.3
790	12/13/2014 16:01:11	13.76	43.43	27.99	8.23	7.99	6.2	3.368	94.5	1.6	0.7	0.4
791	12/13/2014 16:16:12	13.80	43.69	28.17	8.15	7.99	6.4	3.357	93.8	1.5	0.7	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
792	12/13/2014 16:31:11	13.79	43.53	28.05	8.24	7.99	7.1	3.356	94.7	1.5	0.7	0.3
793	12/13/2014 16:46:11	13.73	43.34	27.92	8.23	7.99	6.7	3.291	94.4	1.6	0.7	0.4
794	12/13/2014 17:01:11	13.68	43.15	27.78	8.20	7.98	6.8	3.289	93.8	1.4	0.6	0.3
795	12/13/2014 17:16:11	13.49	40.55	25.93	8.51	7.95	6.4	3.286	95.9	2.5	1.1	0.6
796	12/13/2014 17:31:11	13.38	40.95	26.22	8.45	7.94	6.7	3.216	95.2	1.8	0.8	0.4
797	12/13/2014 17:46:11	13.37	41.38	26.52	8.40	7.94	6.3	3.162	94.8	1.9	0.8	0.4
798	12/13/2014 18:01:12	13.31	41.28	26.45	8.40	7.94	6.5	3.097	94.6	2.2	1.0	0.5
799	12/13/2014 18:16:11	13.19	41.09	26.31	8.45	7.94	6.1	3.061	94.8	2.1	0.9	0.5
800	12/13/2014 18:31:11	13.18	41.56	26.64	8.42	7.94	5.7	2.985	94.7	2.1	0.9	0.5
801	12/13/2014 18:46:11	13.14	41.21	26.39	8.47	7.94	6.2	2.922	95.0	2.2	1.0	0.5
802	12/13/2014 19:01:11	13.15	41.35	26.49	8.45	7.94	6.4	2.872	94.9	2.3	1.0	0.5
803	12/13/2014 19:16:12	13.18	41.70	26.74	8.35	7.94	6.4	2.814	94.0	2.1	0.9	0.5
804	12/13/2014 19:31:11	13.16	41.61	26.68	8.36	7.94	6.5	2.739	94.0	1.8	0.8	0.4
805	12/13/2014 19:46:11	13.11	41.73	26.76	8.35	7.94	6.2	2.672	93.8	2.0	0.9	0.5
806	12/13/2014 20:01:11	13.08	42.02	26.96	8.32	7.94	6.1	2.615	93.6	2.0	0.9	0.5
807	12/13/2014 20:16:11	13.06	41.84	26.84	8.34	7.94	6.1	2.558	93.6	2.2	1.0	0.5
808	12/13/2014 20:31:11	13.02	41.88	26.86	8.29	7.93	6.5	2.504	93.0	2.4	1.1	0.6
809	12/13/2014 20:46:11	12.99	41.66	26.71	8.35	7.93	5.9	2.423	93.6	2.2	1.0	0.5
810	12/13/2014 21:01:12	12.94	41.89	26.87	8.38	7.93	5.7	2.388	93.9	1.8	0.8	0.4
811	12/13/2014 21:16:12	12.88	41.81	26.81	8.40	7.93	5.7	2.316	94.0	2.6	1.1	0.6
812	12/13/2014 21:31:11	12.87	41.86	26.85	8.43	7.93	5.7	2.285	94.4	2.7	1.2	0.6
813	12/13/2014 21:46:11	12.84	41.81	26.81	8.43	7.93	5.4	2.260	94.2	2.3	1.0	0.5
814	12/13/2014 22:01:11	12.87	41.73	26.75	8.44	7.93	5.5	2.222	94.4	2.2	1.0	0.5
815	12/13/2014 22:16:11	12.88	41.82	26.81	8.43	7.93	4.9	2.199	94.3	2.5	1.1	0.6
816	12/13/2014 22:31:11	12.88	41.70	26.73	8.43	7.93	5.7	2.206	94.2	2.5	1.1	0.6
817	12/13/2014 22:46:11	12.99	41.93	26.90	8.43	7.93	5.3	2.218	94.6	2.6	1.1	0.6
818	12/13/2014 23:01:11	13.00	41.75	26.77	8.42	7.93	5.7	2.212	94.4	2.5	1.1	0.6
819	12/13/2014 23:16:11	13.01	41.91	26.88	8.42	7.93	5.6	2.255	94.5	2.1	0.9	0.5
820	12/13/2014 23:31:11	13.02	41.65	26.70	8.41	7.93	6.0	2.313	94.3	2.5	1.1	0.6
821	12/13/2014 23:46:11	13.03	41.59	26.66	8.37	7.92	6.1	2.345	93.9	1.7	0.7	0.4
822	12/14/2014 00:01:11	13.05	41.68	26.72	8.34	7.92	6.2	2.409	93.6	1.6	0.7	0.4
823	12/14/2014 00:16:12	13.07	41.62	26.68	8.33	7.92	6.4	2.457	93.5	2.4	1.1	0.6
824	12/14/2014 00:31:11	13.11	41.72	26.75	8.31	7.92	5.9	2.514	93.4	1.9	0.8	0.4
825	12/14/2014 00:46:11	13.18	41.71	26.74	8.31	7.93	6.7	2.578	93.6	2.5	1.1	0.6
826	12/14/2014 01:01:11	13.18	41.41	26.54	8.31	7.93	6.7	2.613	93.4	2.1	0.9	0.5
827	12/14/2014 01:16:11	13.26	41.67	26.72	8.29	7.94	6.8	2.693	93.4	2.1	0.9	0.5
828	12/14/2014 01:31:11	13.39	42.17	27.08	8.25	7.95	7.7	2.754	93.4	2.2	1.0	0.5
829	12/14/2014 01:46:12	13.44	42.41	27.25	8.23	7.95	8.5	2.826	93.4	1.8	0.8	0.4
830	12/14/2014 02:01:11	13.39	41.99	26.95	8.28	7.95	8.9	2.898	93.7	2.1	0.9	0.5
831	12/14/2014 02:16:12	13.48	42.50	27.31	8.25	7.96	10.3	2.960	93.7	2.4	1.1	0.6
832	12/14/2014 02:31:11	13.42	41.86	26.86	8.30	7.96	9.4	3.019	94.0	2.0	0.9	0.5
833	12/14/2014 02:46:11	13.53	42.26	27.15	8.29	7.97	10.3	3.090	94.2	1.8	0.8	0.4
834	12/14/2014 03:01:12	13.75	43.38	27.95	8.25	7.99	12.9	3.175	94.6	1.8	0.8	0.4
835	12/14/2014 03:16:12	13.81	43.49	28.03	8.25	8.00	14.8	3.244	94.8	1.9	0.8	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
836	12/14/2014 03:31:11	13.84	43.64	28.14	8.28	8.01	14.3	3.324	95.3	1.7	0.7	0.4
837	12/14/2014 03:46:11	13.88	43.69	28.17	8.31	8.01	17.3	3.391	95.7	2.0	0.9	0.5
838	12/14/2014 04:01:12	13.93	43.92	28.34	8.30	8.02	20.6	3.459	95.8	2.3	1.0	0.5
839	12/14/2014 04:16:11	13.98	44.08	28.45	8.34	8.03	20.2	3.523	96.4	1.3	0.6	0.3
840	12/14/2014 04:31:11	14.05	44.39	28.68	8.38	8.05	20.5	3.575	97.2	2.0	0.9	0.5
841	12/14/2014 04:46:11	14.12	44.70	28.90	8.41	8.06	18.0	3.627	97.8	1.7	0.7	0.4
842	12/14/2014 05:01:11	14.17	44.80	28.98	8.43	8.06	19.1	3.656	98.2	1.4	0.6	0.3
843	12/14/2014 05:16:11	14.18	44.87	29.02	8.41	8.07	15.8	3.689	98.1	1.5	0.7	0.3
844	12/14/2014 05:31:11	14.19	44.84	29.00	8.43	8.07	13.9	3.710	98.2	1.7	0.7	0.4
845	12/14/2014 05:46:11	14.19	44.85	29.01	8.36	8.07	10.3	3.721	97.4	1.8	0.8	0.4
846	12/14/2014 06:01:11	14.18	44.99	29.11	8.38	8.07	13.6	3.706	97.7	1.3	0.6	0.3
847	12/14/2014 06:16:11	14.17	44.98	29.11	8.40	8.07	14.7	3.685	97.9	0.9	0.4	0.2
848	12/14/2014 06:31:12	13.56	43.17	27.79	8.28	8.00	8.2	3.668	94.5	1.6	0.7	0.4
849	12/14/2014 06:46:11	13.29	42.86	27.57	8.32	7.98	10.4	3.623	94.3	1.6	0.7	0.4
850	12/14/2014 07:01:11	13.17	42.65	27.41	8.30	7.97	7.2	3.570	93.8	1.9	0.8	0.5
851	12/14/2014 07:16:11	13.04	42.19	27.08	8.30	7.95	6.8	3.512	93.4	1.9	0.8	0.4
852	12/14/2014 07:31:11	13.05	42.24	27.12	8.30	7.96	7.1	3.446	93.4	1.7	0.7	0.4
853	12/14/2014 07:46:12	13.10	42.53	27.33	8.31	7.97	7.1	3.398	93.7	1.6	0.7	0.4
854	12/14/2014 08:01:12	13.04	42.36	27.20	8.29	7.96	6.2	3.331	93.3	1.1	0.5	0.2
855	12/14/2014 08:16:11	12.92	41.93	26.89	8.32	7.95	6.0	3.262	93.3	1.5	0.7	0.3
856	12/14/2014 08:31:11	13.02	42.27	27.14	8.23	7.94	5.4	3.207	92.5	1.5	0.7	0.3
857	12/14/2014 08:46:11	12.95	42.07	27.00	8.24	7.94	5.4	3.154	92.4	1.9	0.8	0.4
858	12/14/2014 09:01:11	12.91	42.14	27.05	8.24	7.93	5.0	3.089	92.3	1.4	0.6	0.3
859	12/14/2014 09:16:11	12.91	42.27	27.13	8.27	7.93	5.1	3.031	92.8	1.8	0.8	0.4
860	12/14/2014 09:31:11	12.76	41.77	26.77	8.33	7.93	4.6	2.980	92.9	1.7	0.7	0.4
861	12/14/2014 09:46:11	12.91	42.08	27.00	8.34	7.94	5.3	2.930	93.4	1.6	0.7	0.4
862	12/14/2014 10:01:11	12.81	42.00	26.94	8.34	7.93	5.1	2.891	93.3	1.9	0.8	0.4
863	12/14/2014 10:16:11	12.88	42.09	27.01	8.37	7.94	5.3	2.838	93.8	1.5	0.7	0.3
864	12/14/2014 10:31:11	12.91	42.18	27.07	8.39	7.95	5.4	2.799	94.1	1.3	0.6	0.3
865	12/14/2014 10:46:12	12.87	42.19	27.08	8.41	7.95	5.2	2.758	94.3	1.6	0.7	0.4
866	12/14/2014 11:01:11	12.84	42.01	26.95	8.43	7.94	4.9	2.726	94.3	2.0	0.9	0.5
867	12/14/2014 11:16:11	12.89	41.85	26.84	8.33	7.94	4.7	2.700	93.2	1.6	0.7	0.4
868	12/14/2014 11:31:11	12.93	42.01	26.95	8.31	7.94	5.0	2.670	93.1	2.0	0.9	0.5
869	12/14/2014 11:46:11	12.96	41.91	26.88	8.26	7.94	4.6	2.661	92.6	1.8	0.8	0.4
870	12/14/2014 12:01:11	12.93	41.99	26.94	8.28	7.93	4.8	2.646	92.8	1.6	0.7	0.4
871	12/14/2014 12:16:11	12.92	41.82	26.82	8.32	7.94	4.9	2.658	93.1	1.3	0.6	0.3
872	12/14/2014 12:31:11	12.90	41.95	26.91	8.34	7.94	4.7	2.660	93.4	1.6	0.7	0.4
873	12/14/2014 12:46:11	12.92	42.04	26.97	8.29	7.94	5.3	2.664	93.0	1.7	0.7	0.4
874	12/14/2014 13:01:11	13.06	42.19	27.09	8.26	7.94	5.3	2.703	92.9	1.6	0.7	0.4
875	12/14/2014 13:16:11	13.00	42.05	26.98	8.26	7.94	6.1	2.731	92.8	1.5	0.7	0.4
876	12/14/2014 13:31:11	12.94	41.94	26.91	8.27	7.93	5.7	2.762	92.7	2.0	0.9	0.5
877	12/14/2014 13:46:11	12.96	41.68	26.72	8.28	7.93	6.5	2.801	92.7	2.0	0.9	0.5
878	12/14/2014 14:01:11	13.20	42.42	27.25	8.21	7.95	6.7	2.842	92.7	1.5	0.7	0.4
879	12/14/2014 14:16:12	13.11	42.28	27.15	8.24	7.95	5.8	2.897	92.9	1.1	0.5	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
880	12/14/2014 14:31:12	13.24	42.48	27.29	8.23	7.96	6.1	2.937	93.1	1.7	0.7	0.4
881	12/14/2014 14:46:11	13.14	42.16	27.06	8.26	7.95	5.6	2.980	93.1	1.8	0.8	0.4
882	12/14/2014 15:01:11	13.16	42.06	26.99	8.30	7.96	5.8	3.027	93.5	1.9	0.8	0.4
883	12/14/2014 15:16:12	13.17	42.45	27.27	8.37	7.97	5.9	3.069	94.5	2.2	1.0	0.5
884	12/14/2014 15:31:11	13.22	42.49	27.30	8.36	7.97	6.0	3.109	94.4	1.8	0.8	0.4
885	12/14/2014 15:46:11	13.15	42.62	27.39	8.36	7.97	6.4	3.139	94.4	2.1	0.9	0.5
886	12/14/2014 16:01:11	13.29	42.99	27.66	8.33	7.98	6.5	3.191	94.5	1.6	0.7	0.4
887	12/14/2014 16:16:11	13.48	43.41	27.96	8.29	8.00	7.3	3.211	94.5	1.5	0.7	0.4
888	12/14/2014 16:31:11	13.39	43.18	27.80	8.32	7.99	6.9	3.222	94.7	1.7	0.7	0.4
889	12/14/2014 16:46:11	13.13	42.71	27.45	8.38	7.98	6.0	3.244	94.7	1.9	0.8	0.4
890	12/14/2014 17:01:11	13.13	42.75	27.48	8.42	7.98	5.6	3.263	95.1	1.8	0.8	0.4
891	12/14/2014 17:16:11	13.19	42.72	27.47	8.41	7.99	5.8	3.258	95.1	2.3	1.0	0.5
892	12/14/2014 17:31:11	13.08	42.62	27.39	8.42	7.98	7.4	3.245	95.0	1.6	0.7	0.4
893	12/14/2014 17:46:11	13.41	43.29	27.88	8.16	7.99	6.5	3.251	93.0	1.4	0.6	0.3
894	12/14/2014 18:01:11	13.03	42.55	27.34	8.47	7.98	7.7	3.246	95.4	1.8	0.8	0.4
895	12/14/2014 18:16:12	13.03	42.65	27.41	8.46	7.98	7.5	3.202	95.4	1.6	0.7	0.4
896	12/14/2014 18:31:12	13.16	42.91	27.60	8.32	7.98	10.0	3.180	94.1	1.6	0.7	0.4
897	12/14/2014 18:46:12	13.06	42.65	27.41	8.43	7.98	8.1	3.157	95.1	2.1	0.9	0.5
898	12/14/2014 19:01:11	12.92	42.15	27.05	8.55	7.97	8.1	3.108	95.8	2.0	0.9	0.5
899	12/14/2014 19:16:11	12.80	41.47	26.56	8.58	7.96	9.4	3.062	95.7	2.2	1.0	0.5
900	12/14/2014 19:31:11	12.78	41.80	26.80	8.59	7.96	9.0	2.996	95.9	1.9	0.8	0.5
901	12/14/2014 19:46:12	12.70	41.43	26.53	8.57	7.95	9.7	2.955	95.4	2.5	1.1	0.6
902	12/14/2014 20:01:11	12.63	41.02	26.24	8.63	7.94	10.3	2.910	95.7	2.5	1.1	0.6
903	12/14/2014 20:16:11	12.61	41.21	26.38	8.60	7.94	10.7	2.851	95.4	2.6	1.1	0.6
904	12/14/2014 20:31:11	12.53	41.13	26.31	8.62	7.93	10.0	2.778	95.4	2.3	1.0	0.5
905	12/14/2014 20:46:11	12.51	41.24	26.39	8.63	7.93	10.1	2.750	95.6	2.2	1.0	0.5
906	12/14/2014 21:01:11	12.49	41.15	26.33	8.61	7.93	10.7	2.702	95.3	2.7	1.2	0.6
907	12/14/2014 21:16:11	12.51	41.33	26.46	8.61	7.93	11.4	2.636	95.4	2.3	1.0	0.5
908	12/14/2014 21:31:12	12.47	41.20	26.36	8.62	7.93	11.4	2.615	95.3	2.3	1.0	0.5
909	12/14/2014 21:46:12	12.51	41.46	26.55	8.55	7.93	10.3	2.572	94.8	2.4	1.1	0.6
910	12/14/2014 22:01:11	12.63	41.61	26.66	8.49	7.93	9.2	2.507	94.4	2.4	1.1	0.6
911	12/14/2014 22:16:11	12.65	41.68	26.71	8.48	7.93	8.6	2.469	94.3	2.5	1.1	0.6
912	12/14/2014 22:31:11	12.70	41.81	26.80	8.46	7.93	8.8	2.449	94.3	2.2	1.0	0.5
913	12/14/2014 22:46:11	12.68	41.82	26.81	8.42	7.93	8.3	2.417	93.8	1.8	0.8	0.4
914	12/14/2014 23:01:12	12.52	41.44	26.53	8.44	7.93	7.9	2.389	93.6	2.7	1.2	0.6
915	12/14/2014 23:16:11	12.48	41.38	26.49	8.55	7.93	9.2	2.369	94.6	2.6	1.1	0.6
916	12/14/2014 23:31:12	12.48	41.27	26.41	8.59	7.93	9.6	2.396	95.0	2.6	1.1	0.6
917	12/14/2014 23:46:11	12.51	41.36	26.48	8.59	7.93	8.7	2.397	95.2	2.6	1.1	0.6
918	12/15/2014 00:01:11	12.53	41.47	26.56	8.58	7.93	9.2	2.413	95.2	2.5	1.1	0.6
919	12/15/2014 00:16:12	12.55	41.56	26.62	8.55	7.93	8.8	2.421	94.9	2.8	1.2	0.7
920	12/15/2014 00:31:11	12.52	41.41	26.51	8.58	7.93	9.2	2.468	95.1	2.4	1.1	0.6
921	12/15/2014 00:46:11	12.62	41.60	26.65	8.53	7.93	10.6	2.517	94.8	2.2	1.0	0.5
922	12/15/2014 01:01:11	12.63	41.43	26.53	8.54	7.93	10.6	2.552	94.9	2.0	0.9	0.5
923	12/15/2014 01:16:11	12.69	41.57	26.63	8.53	7.94	9.1	2.631	94.9	2.1	0.9	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
924	12/15/2014 01:31:12	12.90	42.04	26.97	8.44	7.95	8.4	2.713	94.6	2.2	1.0	0.5
925	12/15/2014 01:46:11	12.92	41.77	26.78	8.46	7.96	7.7	2.746	94.7	2.1	0.9	0.5
926	12/15/2014 02:01:12	12.90	41.98	26.93	8.46	7.96	7.8	2.811	94.8	1.9	0.8	0.4
927	12/15/2014 02:16:11	12.95	42.25	27.12	8.49	7.97	9.0	2.852	95.3	2.1	0.9	0.5
928	12/15/2014 02:31:11	12.99	42.55	27.34	8.48	7.97	9.1	2.927	95.4	2.4	1.1	0.6
929	12/15/2014 02:46:11	13.06	42.74	27.47	8.46	7.98	9.0	3.013	95.4	1.9	0.8	0.5
930	12/15/2014 03:01:11	13.19	42.90	27.59	8.42	7.99	9.5	3.056	95.3	2.4	1.1	0.6
931	12/15/2014 03:16:11	13.09	42.86	27.56	8.48	7.99	8.7	3.160	95.7	1.6	0.7	0.4
932	12/15/2014 03:31:11	13.12	42.80	27.52	8.49	7.99	9.6	3.212	95.9	1.7	0.7	0.4
933	12/15/2014 03:46:11	13.24	43.32	27.89	8.44	8.00	8.6	3.307	95.8	1.9	0.8	0.4
934	12/15/2014 04:01:11	13.58	44.00	28.39	8.34	8.02	13.3	3.349	95.6	1.6	0.7	0.4
935	12/15/2014 04:16:11	13.67	44.32	28.62	8.30	8.03	15.5	3.408	95.5	1.7	0.7	0.4
936	12/15/2014 04:31:11	13.75	44.60	28.82	8.30	8.04	14.1	3.507	95.7	1.7	0.7	0.4
937	12/15/2014 04:46:11	13.79	44.77	28.95	8.33	8.05	15.9	3.598	96.2	1.8	0.8	0.4
938	12/15/2014 05:01:11	13.81	44.87	29.02	8.36	8.05	20.1	3.617	96.7	1.3	0.6	0.3
939	12/15/2014 05:16:11	13.83	45.01	29.11	8.36	8.06	20.3	3.683	96.8	2.2	1.0	0.5
940	12/15/2014 05:31:11	13.80	44.94	29.07	8.40	8.06	16.7	3.727	97.2	1.3	0.6	0.3
941	12/15/2014 05:46:11	13.89	45.20	29.26	8.42	8.07	18.3	3.760	97.7	1.2	0.5	0.3
942	12/15/2014 06:01:12	13.90	45.56	29.51	8.43	8.07	14.9	3.817	98.0	1.9	0.8	0.5
943	12/15/2014 06:16:12	13.92	45.67	29.60	8.38	8.08	10.9	3.822	97.4	1.0	0.4	0.2
944	12/15/2014 06:31:12	13.94	45.81	29.70	8.38	8.08	14.5	3.844	97.6	0.7	0.3	0.2
945	12/15/2014 06:46:11	13.91	45.61	29.55	8.42	8.07	10.7	3.830	97.9	1.4	0.6	0.3
946	12/15/2014 07:01:11	13.80	45.07	29.16	8.33	8.06	11.3	3.833	96.4	1.3	0.6	0.3
947	12/15/2014 07:16:11	13.91	45.50	29.48	8.39	8.07	11.7	3.799	97.5	1.1	0.5	0.3
948	12/15/2014 07:31:10	13.71	45.18	29.23	8.35	8.05	10.5	3.744	96.5	1.3	0.6	0.3
949	12/15/2014 07:46:11	13.05	43.30	27.87	8.47	8.00	8.1	3.677	95.7	1.3	0.6	0.3
950	12/15/2014 08:01:11	13.13	43.42	27.96	8.42	8.00	9.9	3.636	95.4	1.3	0.6	0.3
951	12/15/2014 08:16:11	13.07	43.15	27.76	8.39	7.99	10.4	3.570	94.9	1.7	0.7	0.4
952	12/15/2014 08:31:11	13.06	43.15	27.77	8.39	7.99	12.1	3.490	94.8	1.9	0.8	0.5
953	12/15/2014 08:46:11	12.85	42.80	27.51	8.43	7.97	7.1	3.452	94.6	1.3	0.6	0.3
954	12/15/2014 09:01:11	12.76	42.51	27.30	8.46	7.97	6.4	3.380	94.7	1.8	0.8	0.4
955	12/15/2014 09:16:11	12.80	42.62	27.38	8.45	7.97	6.0	3.299	94.7	1.3	0.6	0.3
956	12/15/2014 09:31:11	12.84	42.61	27.37	8.46	7.97	6.5	3.238	94.9	1.5	0.7	0.4
957	12/15/2014 09:46:10	12.77	42.40	27.23	8.47	7.97	6.1	3.170	94.8	1.8	0.8	0.4
958	12/15/2014 10:01:10	12.65	42.12	27.02	8.47	7.96	6.0	3.114	94.5	1.7	0.7	0.4
959	12/15/2014 10:16:11	12.76	42.51	27.30	8.46	7.96	5.9	3.023	94.7	1.5	0.7	0.4
960	12/15/2014 10:31:11	12.76	42.54	27.32	8.42	7.96	5.7	2.985	94.3	1.3	0.6	0.3
961	12/15/2014 10:46:11	12.83	42.70	27.44	8.43	7.96	5.9	2.936	94.5	1.9	0.8	0.5
962	12/15/2014 11:01:11	12.75	42.47	27.27	8.45	7.96	5.7	2.860	94.6	1.4	0.6	0.3
963	12/15/2014 11:16:11	12.74	42.57	27.34	8.47	7.96	5.6	2.805	94.8	1.7	0.7	0.4
964	12/15/2014 11:31:11	12.85	42.72	27.45	8.48	7.97	5.9	2.751	95.2	1.3	0.6	0.3
965	12/15/2014 11:46:11	12.85	42.66	27.41	8.48	7.97	5.9	2.698	95.1	1.7	0.7	0.4
966	12/15/2014 12:01:11	12.69	42.24	27.11	8.51	7.96	5.4	2.630	95.0	1.4	0.6	0.3
967	12/15/2014 12:16:11	12.64	42.17	27.06	8.54	7.95	5.4	2.570	95.3	1.5	0.7	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
968	12/15/2014 12:31:11	12.54	42.03	26.95	8.54	7.94	5.1	2.560	94.9	1.7	0.7	0.4
969	12/15/2014 12:46:12	12.53	42.03	26.96	8.49	7.94	5.4	2.536	94.4	2.1	0.9	0.5
970	12/15/2014 13:01:12	12.74	42.26	27.12	8.35	7.94	6.1	2.534	93.3	1.8	0.8	0.4
971	12/15/2014 13:16:11	12.84	42.41	27.23	8.32	7.95	6.2	2.497	93.3	1.9	0.8	0.4
972	12/15/2014 13:31:11	12.79	42.12	27.03	8.37	7.95	5.7	2.523	93.6	1.5	0.7	0.4
973	12/15/2014 13:46:11	12.48	41.79	26.78	8.51	7.93	5.3	2.521	94.4	2.2	1.0	0.5
974	12/15/2014 14:01:12	12.69	42.26	27.12	8.37	7.93	6.4	2.515	93.4	1.8	0.8	0.4
975	12/15/2014 14:16:11	12.73	42.19	27.07	8.42	7.95	6.1	2.555	94.0	1.4	0.6	0.3
976	12/15/2014 14:31:11	12.76	42.30	27.15	8.39	7.95	7.8	2.621	93.8	1.5	0.7	0.4
977	12/15/2014 14:46:11	12.57	41.98	26.92	8.45	7.93	7.2	2.647	94.0	1.9	0.8	0.4
978	12/15/2014 15:01:11	12.70	42.14	27.04	8.39	7.94	7.6	2.673	93.7	1.5	0.7	0.4
979	12/15/2014 15:16:12	12.81	42.40	27.22	8.33	7.95	8.4	2.710	93.3	1.7	0.7	0.4
980	12/15/2014 15:31:11	12.84	42.42	27.24	8.35	7.96	7.3	2.805	93.6	2.0	0.9	0.5
981	12/15/2014 15:46:11	12.83	42.40	27.23	8.36	7.96	7.3	2.841	93.7	1.8	0.8	0.4
982	12/15/2014 16:01:12	12.84	42.48	27.29	8.35	7.96	7.9	2.844	93.6	1.9	0.8	0.5
983	12/15/2014 16:16:12	12.93	42.77	27.49	8.34	7.97	8.7	2.917	93.8	1.8	0.8	0.4
984	12/15/2014 16:31:11	12.93	42.68	27.43	8.38	7.97	8.4	2.964	94.2	1.6	0.7	0.4
985	12/15/2014 16:46:11	12.99	43.14	27.76	8.37	7.98	9.2	3.028	94.4	1.8	0.8	0.4
986	12/15/2014 17:01:12	12.91	42.98	27.64	8.38	7.97	7.9	3.121	94.4	1.8	0.8	0.4
987	12/15/2014 17:16:11	12.88	42.93	27.60	8.40	7.97	7.8	3.085	94.5	2.0	0.9	0.5
988	12/15/2014 17:31:11	12.92	42.92	27.60	8.40	7.98	7.3	3.163	94.5	1.9	0.8	0.4
989	12/15/2014 17:46:12	12.96	43.22	27.81	8.36	7.98	7.2	3.148	94.2	1.8	0.8	0.4
990	12/15/2014 18:01:12	12.98	43.15	27.76	8.36	7.98	7.2	3.173	94.3	2.1	0.9	0.5
991	12/15/2014 18:16:11	13.09	43.37	27.92	8.32	7.99	7.5	3.196	94.1	1.5	0.7	0.4
992	12/15/2014 18:31:11	13.12	43.49	28.01	8.29	7.99	7.0	3.217	93.9	1.4	0.6	0.3
993	12/15/2014 18:46:12	13.05	43.38	27.93	8.31	7.98	6.7	3.265	94.0	2.1	0.9	0.5
994	12/15/2014 19:01:12	12.95	43.14	27.75	8.31	7.97	7.4	3.214	93.6	1.8	0.8	0.4
995	12/15/2014 19:16:11	13.10	43.27	27.85	8.23	7.98	7.3	3.199	93.2	1.1	0.5	0.3
996	12/15/2014 19:31:11	12.87	42.85	27.55	8.34	7.97	6.8	3.215	93.7	1.7	0.7	0.4
997	12/15/2014 19:46:11	13.00	43.20	27.80	8.38	7.97	7.2	3.191	94.5	1.9	0.8	0.4
998	12/15/2014 20:01:12	12.79	42.51	27.30	8.70	7.95	7.2	3.125	97.4	1.4	0.6	0.3
999	12/15/2014 20:16:11	12.62	42.20	27.08	8.75	7.95	7.4	3.098	97.5	2.0	0.9	0.5
1000	12/15/2014 20:31:11	12.40	42.10	27.00	8.74	7.93	6.7	3.070	96.9	1.8	0.8	0.4
1001	12/15/2014 20:46:11	12.37	42.22	27.09	8.73	7.93	6.5	2.996	96.8	1.8	0.8	0.4
1002	12/15/2014 21:01:11	12.38	42.16	27.04	8.70	7.93	6.2	2.967	96.4	1.6	0.7	0.4
1003	12/15/2014 21:16:11	12.35	42.09	26.99	8.68	7.93	6.6	2.952	96.1	1.8	0.8	0.4
1004	12/15/2014 21:31:11	12.33	42.07	26.97	8.66	7.93	5.9	2.869	95.9	1.6	0.7	0.4
1005	12/15/2014 21:46:12	12.25	41.86	26.83	8.64	7.92	5.5	2.812	95.4	1.6	0.7	0.4
1006	12/15/2014 22:01:11	12.26	41.97	26.90	8.58	7.92	5.5	2.788	94.9	1.9	0.8	0.4
1007	12/15/2014 22:16:11	12.22	41.82	26.79	8.61	7.92	5.7	2.739	95.0	1.6	0.7	0.4
1008	12/15/2014 22:31:11	12.24	42.06	26.96	8.60	7.92	6.2	2.703	95.1	1.9	0.8	0.4
1009	12/15/2014 22:46:12	12.30	42.34	27.16	8.54	7.93	6.7	2.673	94.6	1.9	0.8	0.4
1010	12/15/2014 23:01:11	12.32	42.11	27.01	8.54	7.93	6.3	2.603	94.5	1.9	0.8	0.4
1011	12/15/2014 23:16:11	12.31	42.13	27.02	8.52	7.93	6.2	2.578	94.4	1.8	0.8	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
1012	12/15/2014 23:31:11	12.29	41.98	26.91	8.54	7.92	6.0	2.559	94.4	1.9	0.8	0.5
1013	12/15/2014 23:46:11	12.29	42.08	26.98	8.50	7.92	6.0	2.530	94.0	2.2	1.0	0.5
1014	12/16/2014 00:01:11	12.35	42.13	27.02	8.40	7.92	5.4	2.530	93.1	1.8	0.8	0.4
1015	12/16/2014 00:16:11	12.39	42.12	27.02	8.40	7.92	5.5	2.481	93.1	1.9	0.8	0.4
1016	12/16/2014 00:31:11	12.38	42.12	27.01	8.44	7.92	6.2	2.503	93.6	2.3	1.0	0.5
1017	12/16/2014 00:46:11	12.55	42.23	27.10	8.39	7.93	5.7	2.508	93.4	1.8	0.8	0.4
1018	12/16/2014 01:01:12	12.47	42.20	27.07	8.37	7.92	6.0	2.484	92.9	2.0	0.9	0.5
1019	12/16/2014 01:16:11	12.45	42.10	27.00	8.42	7.92	6.4	2.545	93.4	2.2	1.0	0.5
1020	12/16/2014 01:31:11	12.55	42.23	27.09	8.41	7.93	7.3	2.562	93.6	1.7	0.7	0.4
1021	12/16/2014 01:46:11	12.38	42.00	26.93	8.44	7.92	7.0	2.619	93.5	2.0	0.9	0.5
1022	12/16/2014 02:01:12	12.48	42.10	27.00	8.41	7.93	7.9	2.679	93.4	2.1	0.9	0.5
1023	12/16/2014 02:16:11	12.62	42.27	27.13	8.40	7.94	9.6	2.740	93.7	1.7	0.7	0.4
1024	12/16/2014 02:31:12	12.77	42.64	27.39	8.38	7.95	9.4	2.796	93.8	2.0	0.9	0.5
1025	12/16/2014 02:46:12	12.60	42.28	27.13	8.54	7.94	7.0	2.867	95.2	2.0	0.9	0.5
1026	12/16/2014 03:01:11	12.69	42.41	27.23	8.48	7.95	8.7	2.915	94.7	1.7	0.7	0.4
1027	12/16/2014 03:16:11	12.82	43.02	27.67	8.46	7.97	9.9	2.942	95.0	1.9	0.8	0.4
1028	12/16/2014 03:31:11	12.84	42.88	27.57	8.46	7.97	11.1	2.995	95.1	1.5	0.7	0.3
1029	12/16/2014 03:46:11	12.79	42.90	27.58	8.48	7.97	9.9	3.099	95.1	1.9	0.8	0.4
1030	12/16/2014 04:01:12	12.98	43.49	28.01	8.43	7.98	10.6	3.175	95.2	1.3	0.6	0.3
1031	12/16/2014 04:16:12	13.10	43.80	28.23	8.42	7.99	12.2	3.247	95.5	2.1	0.9	0.5
1032	12/16/2014 04:31:12	13.14	43.85	28.27	8.43	8.00	12.6	3.341	95.7	1.6	0.7	0.4
1033	12/16/2014 04:46:12	13.12	43.87	28.28	8.45	8.00	12.7	3.421	95.9	1.4	0.6	0.3
1034	12/16/2014 05:01:11	13.19	44.01	28.39	8.48	8.01	15.6	3.474	96.5	1.5	0.7	0.4
1035	12/16/2014 05:16:11	13.30	44.23	28.54	8.50	8.02	13.8	3.539	97.0	1.4	0.6	0.3
1036	12/16/2014 05:31:12	13.37	44.60	28.81	8.49	8.03	14.6	3.591	97.2	1.3	0.6	0.3
1037	12/16/2014 05:46:11	13.37	44.54	28.77	8.56	8.04	15.1	3.655	98.0	1.3	0.6	0.3
1038	12/16/2014 06:01:11	13.40	44.78	28.94	8.60	8.04	13.6	3.717	98.6	1.7	0.7	0.4
1039	12/16/2014 06:16:11	13.46	44.95	29.06	8.64	8.05	12.8	3.771	99.2	1.2	0.5	0.3
1040	12/16/2014 06:31:11	13.51	45.10	29.18	8.68	8.06	12.5	3.805	99.8	1.1	0.5	0.3
1041	12/16/2014 06:46:11	13.55	45.28	29.31	8.69	8.06	11.9	3.818	100.2	1.1	0.5	0.3
1042	12/16/2014 07:01:11	13.63	45.51	29.47	8.72	8.07	12.4	3.869	100.7	1.2	0.5	0.3
1043	12/16/2014 07:16:11	13.69	45.65	29.57	8.68	8.08	9.8	3.875	100.5	1.2	0.5	0.3
1044	12/16/2014 07:31:11	13.69	45.67	29.59	8.71	8.08	10.6	3.851	100.8	0.7	0.3	0.2
1045	12/16/2014 07:46:11	12.80	43.80	28.22	8.63	8.00	7.8	3.840	97.3	1.4	0.6	0.3
1046	12/16/2014 08:01:11	13.03	44.06	28.41	8.56	8.01	8.4	3.816	97.0	1.6	0.7	0.4
1047	12/16/2014 08:16:11	12.92	44.15	28.48	8.65	8.02	8.2	3.754	97.8	1.2	0.5	0.3
1048	12/16/2014 08:31:11	12.88	43.97	28.35	8.63	8.01	7.5	3.702	97.5	1.4	0.6	0.3
1049	12/16/2014 08:46:11	12.81	43.66	28.13	8.60	8.00	7.1	3.651	96.9	1.1	0.5	0.3
1050	12/16/2014 09:01:11	12.67	43.32	27.87	8.60	7.99	7.0	3.566	96.4	1.4	0.6	0.3
1051	12/16/2014 09:16:11	12.63	43.19	27.78	8.60	7.98	7.0	3.498	96.3	1.5	0.7	0.3
1052	12/16/2014 09:31:11	12.66	43.14	27.75	8.85	7.98	6.6	3.412	99.1	1.4	0.6	0.3
1053	12/16/2014 09:46:11	12.61	43.12	27.73	8.83	7.97	6.5	3.347	98.8	1.1	0.5	0.3
1054	12/16/2014 10:01:11	12.48	42.83	27.52	8.83	7.96	5.9	3.266	98.4	1.5	0.7	0.3
1055	12/16/2014 10:16:12	12.43	42.72	27.44	8.83	7.96	5.9	3.176	98.2	1.4	0.6	0.3

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
1056	12/16/2014 10:31:11	12.34	42.59	27.35	8.80	7.95	5.7	3.112	97.6	2.0	0.9	0.5
1057	12/16/2014 10:46:11	12.36	42.57	27.33	8.79	7.94	5.6	3.024	97.6	1.3	0.6	0.3
1058	12/16/2014 11:01:11	12.32	42.50	27.28	8.81	7.94	5.8	2.942	97.7	1.6	0.7	0.4
1059	12/16/2014 11:16:11	12.19	42.23	27.09	8.82	7.93	5.9	2.873	97.5	1.6	0.7	0.4
1060	12/16/2014 11:31:11	12.22	42.31	27.14	8.83	7.94	7.2	2.790	97.6	1.9	0.8	0.5
1061	12/16/2014 11:46:12	12.31	42.52	27.30	8.82	7.94	8.4	2.727	97.8	1.4	0.6	0.3
1062	12/16/2014 12:01:11	12.24	42.23	27.09	8.83	7.94	8.7	2.645	97.6	1.8	0.8	0.4
1063	12/16/2014 12:16:11	12.21	42.15	27.03	8.84	7.94	10.0	2.588	97.7	1.7	0.7	0.4
1064	12/16/2014 12:31:11	12.20	42.26	27.11	8.86	7.94	11.7	2.535	97.9	2.1	0.9	0.5
1065	12/16/2014 12:46:11	12.20	42.20	27.06	8.87	7.94	13.5	2.468	98.0	2.0	0.9	0.5
1066	12/16/2014 13:01:11	12.15	42.24	27.09	8.88	7.93	13.4	2.414	98.0	1.9	0.8	0.5
1067	12/16/2014 13:16:11	12.14	42.23	27.08	8.87	7.93	13.1	2.370	97.9	2.1	0.9	0.5
1068	12/16/2014 13:31:11	12.07	42.14	27.01	8.87	7.93	12.1	2.352	97.7	1.9	0.8	0.4
1069	12/16/2014 13:46:12	12.04	42.03	26.94	8.82	7.92	11.4	2.327	97.0	2.1	0.9	0.5
1070	12/16/2014 14:01:11	12.03	42.04	26.94	8.78	7.92	9.1	2.304	96.6	1.9	0.8	0.4
1071	12/16/2014 14:16:11	12.08	42.12	27.00	8.80	7.92	12.0	2.316	96.9	2.2	1.0	0.5
1072	12/16/2014 14:31:11	12.12	42.18	27.04	8.81	7.93	11.6	2.330	97.1	2.0	0.9	0.5
1073	12/16/2014 14:46:11	12.21	42.22	27.08	8.73	7.93	10.5	2.354	96.5	2.0	0.9	0.5
1074	12/16/2014 15:01:11	12.09	42.04	26.94	8.79	7.92	9.4	2.379	96.8	1.9	0.8	0.5
1075	12/16/2014 15:16:11	12.10	41.97	26.90	8.80	7.92	9.0	2.435	96.9	2.6	1.1	0.6
1076	12/16/2014 15:31:11	12.15	42.00	26.92	8.74	7.92	9.4	2.495	96.4	1.8	0.8	0.4
1077	12/16/2014 15:46:12	12.07	41.39	26.48	8.76	7.92	8.9	2.545	96.2	2.3	1.0	0.5
1078	12/16/2014 16:01:11	12.13	41.83	26.80	8.74	7.92	10.8	2.573	96.3	1.9	0.8	0.4
1079	12/16/2014 16:16:11	12.14	41.82	26.79	8.74	7.93	8.4	2.650	96.3	2.0	0.9	0.5
1080	12/16/2014 16:31:11	12.19	41.99	26.91	8.78	7.93	8.6	2.709	96.8	2.1	0.9	0.5
1081	12/16/2014 16:46:11	12.29	42.25	27.10	8.73	7.94	10.4	2.744	96.6	2.0	0.9	0.5
1082	12/16/2014 17:01:11	12.34	42.48	27.27	8.75	7.95	10.9	2.820	97.1	2.1	0.9	0.5
1083	12/16/2014 17:16:11	12.39	42.69	27.42	8.76	7.95	10.4	2.872	97.3	2.1	0.9	0.5
1084	12/16/2014 17:31:11	12.45	42.81	27.50	8.73	7.96	9.4	2.912	97.2	1.9	0.8	0.4
1085	12/16/2014 17:46:11	12.46	42.92	27.59	8.89	7.96	9.9	2.979	99.1	1.7	0.7	0.4
1086	12/16/2014 18:01:11	12.52	43.04	27.67	8.85	7.97	9.0	3.050	98.8	1.8	0.8	0.4
1087	12/16/2014 18:16:11	12.60	43.35	27.89	8.82	7.97	9.5	3.098	98.7	1.4	0.6	0.3
1088	12/16/2014 18:31:12	12.68	43.59	28.07	8.78	7.98	9.7	3.125	98.6	1.3	0.6	0.3
1089	12/16/2014 18:46:12	12.73	43.52	28.02	8.76	7.99	9.4	3.177	98.4	1.5	0.7	0.4
1090	12/16/2014 19:01:12	12.75	43.68	28.14	8.77	7.99	8.7	3.215	98.7	1.7	0.7	0.4
1091	12/16/2014 19:16:12	12.78	43.71	28.16	8.77	8.00	8.2	3.258	98.8	1.6	0.7	0.4
1092	12/16/2014 19:31:11	12.78	43.66	28.12	8.75	8.00	8.1	3.279	98.5	1.3	0.6	0.3
1093	12/16/2014 19:46:11	12.75	43.67	28.12	8.75	8.00	7.2	3.301	98.4	1.2	0.5	0.3
1094	12/16/2014 20:01:11	12.66	43.59	28.07	8.81	7.99	7.2	3.291	98.8	1.4	0.6	0.3
1095	12/16/2014 20:16:11	12.48	43.22	27.80	8.81	7.98	8.7	3.286	98.3	1.4	0.6	0.3
1096	12/16/2014 20:31:12	12.55	43.34	27.89	8.74	7.98	9.2	3.258	97.7	1.3	0.6	0.3
1097	12/16/2014 20:46:12	12.53	43.39	27.92	8.90	7.98	8.7	3.247	99.5	1.5	0.7	0.3
1098	12/16/2014 21:01:12	12.47	43.22	27.79	8.91	7.98	8.9	3.221	99.4	1.5	0.7	0.3
1099	12/16/2014 21:16:11	12.37	42.96	27.61	8.97	7.97	9.7	3.173	99.8	1.5	0.7	0.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH				ug/L	(Corrected ratio = 0.44)	%FS
1100	12/16/2014 21:31:11	12.36	42.69	27.42	8.97	7.96	10.9	3.133	99.6	1.8	0.8	0.4
1101	12/16/2014 21:46:11	12.24	42.73	27.44	8.92	7.96	11.1	3.079	98.9	1.9	0.8	0.4
1102	12/16/2014 22:01:11	12.15	42.54	27.30	9.00	7.95	10.0	3.038	99.5	1.9	0.8	0.4
1103	12/16/2014 22:16:12	12.13	42.47	27.26	8.98	7.95	10.1	3.000	99.2	1.9	0.8	0.4
1104	12/16/2014 22:31:11	12.09	42.41	27.21	9.00	7.95	10.4	2.948	99.3	2.0	0.9	0.5
1105	12/16/2014 22:46:11	12.04	42.28	27.11	9.04	7.94	11.1	2.905	99.5	2.0	0.9	0.5
1106	12/16/2014 23:01:11	11.99	42.26	27.10	9.07	7.94	11.0	2.861	99.7	1.7	0.7	0.4
1107	12/16/2014 23:16:11	11.95	42.07	26.96	9.06	7.94	10.5	2.793	99.5	1.6	0.7	0.4
1108	12/16/2014 23:31:11	11.88	41.89	26.83	9.10	7.94	10.8	2.769	99.7	2.3	1.0	0.5
1109	12/16/2014 23:46:11	11.86	41.79	26.76	9.10	7.93	10.3	2.726	99.6	2.4	1.1	0.6
1110	12/17/2014 00:01:11	11.80	41.55	26.59	9.14	7.93	10.6	2.687	99.8	1.9	0.8	0.4
1111	12/17/2014 00:16:12	11.79	41.77	26.75	9.10	7.93	10.6	2.669	99.5	2.4	1.1	0.6
1112	12/17/2014 00:31:12	11.75	41.68	26.68	9.13	7.93	10.6	2.633	99.7	1.9	0.8	0.4
1113	12/17/2014 00:46:11	11.84	41.48	26.54	9.11	7.93	10.6	2.604	99.5	2.2	1.0	0.5
1114	12/17/2014 01:01:11	12.02	42.11	26.99	8.82	7.93	7.7	2.587	97.0	1.6	0.7	0.4
1115	12/17/2014 01:16:11	12.04	41.96	26.89	8.92	7.93	9.7	2.600	98.1	1.9	0.8	0.4
1116	12/17/2014 01:31:11	11.97	41.85	26.81	9.02	7.93	9.4	2.605	99.0	2.1	0.9	0.5
1117	12/17/2014 01:46:11	12.02	42.15	27.02	9.03	7.93	8.9	2.599	99.4	1.6	0.7	0.4
1118	12/17/2014 02:01:11	12.01	41.86	26.82	9.02	7.93	9.0	2.632	99.1	2.0	0.9	0.5
1119	12/17/2014 02:16:11	12.04	41.99	26.91	8.99	7.94	9.4	2.678	98.9	2.4	1.1	0.6
1120	12/17/2014 02:31:11	11.78	41.59	26.61	9.14	7.93	10.4	2.715	99.8	2.0	0.9	0.5
1121	12/17/2014 02:46:11	11.81	41.17	26.32	9.13	7.93	9.9	2.752	99.6	1.8	0.8	0.4
1122	12/17/2014 03:01:11	11.96	41.65	26.67	9.05	7.93	9.0	2.816	99.2	1.8	0.8	0.4
1123	12/17/2014 03:16:11	12.11	42.27	27.11	9.01	7.95	10.4	2.880	99.3	1.8	0.8	0.4
1124	12/17/2014 03:31:11	12.29	42.66	27.39	8.94	7.96	8.9	2.926	99.1	2.0	0.9	0.5
1125	12/17/2014 03:46:12	12.42	43.11	27.72	8.89	7.97	9.1	3.008	99.1	1.9	0.8	0.5
1126	12/17/2014 04:01:11	12.44	43.22	27.80	8.93	7.98	9.7	3.070	99.6	1.8	0.8	0.4
1127	12/17/2014 04:16:11	12.49	43.33	27.88	8.90	7.98	10.1	3.141	99.5	2.0	0.9	0.5
1128	12/17/2014 04:31:11	12.54	43.34	27.89	8.90	7.98	10.4	3.210	99.6	1.5	0.7	0.4
1129	12/17/2014 04:46:11	12.57	43.58	28.06	8.90	7.99	9.2	3.290	99.7	1.6	0.7	0.4
1130	12/17/2014 05:01:12	12.64	43.58	28.06	8.91	7.99	9.9	3.359	100.0	1.2	0.5	0.3
1131	12/17/2014 05:16:11	12.67	43.71	28.15	8.97	8.00	9.7	3.429	100.8	1.5	0.7	0.4
1132	12/17/2014 05:31:11	12.85	44.15	28.47	8.92	8.01	12.5	3.517	100.8	1.2	0.5	0.3
1133	12/17/2014 05:46:12	12.96	44.45	28.69	8.91	8.02	10.6	3.608	101.0	1.6	0.7	0.4
1134	12/17/2014 06:01:12	13.00	44.36	28.63	8.94	8.03	13.6	3.662	101.4	1.7	0.7	0.4
1135	12/17/2014 06:16:12	13.09	44.66	28.85	8.94	8.04	13.4	3.720	101.8	1.3	0.6	0.3
1136	12/17/2014 06:31:11	13.14	44.76	28.92	9.00	8.05	13.1	3.785	102.6	1.6	0.7	0.4
1137	12/17/2014 06:46:11	13.17	44.96	29.06	9.00	8.05	11.9	3.856	102.8	1.6	0.7	0.4
1138	12/17/2014 07:01:12	13.18	45.08	29.15	9.00	8.06	11.7	3.893	102.9	1.9	0.8	0.4
1139	12/17/2014 07:16:12	13.19	45.17	29.21	9.00	8.06	10.3	3.927	102.8	1.2	0.5	0.3
1140	12/17/2014 07:31:12	13.23	45.12	29.18	8.97	8.06	9.7	3.956	102.5	1.2	0.5	0.3
1141	12/17/2014 07:46:11	13.22	45.03	29.11	8.90	8.05	7.9	3.983	101.8	1.2	0.5	0.3
1142	12/17/2014 08:01:11	13.20	45.12	29.18	8.98	8.06	10.1	3.976	102.7	1.1	0.5	0.3
1143	12/17/2014 08:16:11	13.23	45.06	29.14	9.00	8.06	10.1	3.958	103.0	0.9	0.4	0.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH				ug/L	(Corrected ratio = 0.44)	%FS
1144	12/17/2014 08:31:12	13.21	45.01	29.10	8.95	8.06	10.8	3.934	102.3	1.2	0.5	0.3
1145	12/17/2014 08:46:12	13.12	44.91	29.02	8.90	8.04	9.5	3.890	101.5	1.2	0.5	0.3
1146	12/17/2014 09:01:12	12.82	44.34	28.61	8.91	8.02	8.0	3.825	100.7	1.6	0.7	0.4
1147	12/17/2014 09:16:12	12.76	44.25	28.54	8.97	8.02	9.0	3.745	101.2	1.3	0.6	0.3
1148	12/17/2014 09:31:12	12.76	44.26	28.55	8.96	8.02	8.1	3.686	101.1	1.2	0.5	0.3
1149	12/17/2014 09:46:11	12.58	43.61	28.08	9.03	8.00	7.7	3.606	101.2	0.8	0.4	0.2
1150	12/17/2014 10:01:11	12.37	43.28	27.84	9.06	7.98	8.5	3.510	101.0	1.5	0.7	0.4
1151	12/17/2014 10:16:11	12.22	42.68	27.40	9.10	7.97	8.1	3.431	100.8	1.3	0.6	0.3
1152	12/17/2014 10:31:11	12.25	42.87	27.54	9.12	7.96	8.6	3.354	101.1	1.8	0.8	0.4
1153	12/17/2014 10:46:12	12.24	42.68	27.41	9.08	7.96	8.1	3.257	100.6	1.2	0.5	0.3
1154	12/17/2014 11:01:12	12.13	42.38	27.19	9.11	7.95	8.3	3.156	100.5	1.7	0.7	0.4
1155	12/17/2014 11:16:11	12.13	42.34	27.16	9.12	7.95	7.9	3.068	100.6	1.3	0.6	0.3
1156	12/17/2014 11:31:12	12.16	42.37	27.18	9.06	7.95	8.1	2.989	100.1	1.6	0.7	0.4
1157	12/17/2014 11:46:12	12.22	42.54	27.31	9.07	7.96	7.5	2.895	100.4	1.4	0.6	0.3
1158	12/17/2014 12:01:11	12.26	42.55	27.32	9.08	7.96	8.2	2.796	100.6	1.6	0.7	0.4
1159	12/17/2014 12:16:11	12.25	42.46	27.25	9.08	7.96	8.4	2.702	100.5	1.7	0.7	0.4
1160	12/17/2014 12:31:11	12.13	42.28	27.12	9.09	7.94	8.8	2.615	100.3	1.9	0.8	0.4
1161	12/17/2014 12:46:12	12.15	42.30	27.13	9.12	7.95	8.9	2.534	100.6	1.7	0.7	0.4
1162	12/17/2014 13:01:12	12.25	42.37	27.19	9.15	7.95	8.4	2.460	101.3	1.5	0.7	0.4
1163	12/17/2014 13:16:11	11.96	41.84	26.80	9.20	7.93	9.5	2.379	101.0	1.6	0.7	0.4
1164	12/17/2014 13:31:11	11.85	41.56	26.60	9.23	7.92	9.3	2.293	100.9	2.3	1.0	0.5
1165	12/17/2014 13:46:11	11.77	41.61	26.63	9.26	7.92	9.7	2.238	101.1	2.0	0.9	0.5
1166	12/17/2014 14:01:12	11.83	41.67	26.68	9.25	7.93	9.5	2.177	101.1	2.0	0.9	0.5
1167	12/17/2014 14:16:11	11.84	41.58	26.61	9.27	7.93	9.5	2.133	101.3	1.7	0.7	0.4
1168	12/17/2014 14:31:11	11.83	41.54	26.58	9.27	7.93	9.9	2.122	101.2	2.2	1.0	0.5
1169	12/17/2014 14:46:11	11.74	41.45	26.51	9.23	7.92	9.0	2.088	100.6	2.3	1.0	0.5
1170	12/17/2014 15:01:11	11.78	41.54	26.58	9.24	7.92	10.4	2.089	100.8	2.1	0.9	0.5
1171	12/17/2014 15:16:11	11.78	41.43	26.50	9.38	7.92	9.4	2.098	102.3	1.7	0.7	0.4
1172	12/17/2014 15:31:12	11.78	41.58	26.61	9.29	7.92	8.9	2.129	101.4	2.2	1.0	0.5
1173	12/17/2014 15:46:12	11.77	41.43	26.50	9.30	7.91	9.1	2.184	101.4	2.0	0.9	0.5
1174	12/17/2014 16:01:12	11.79	41.46	26.53	9.24	7.91	9.9	2.256	100.9	2.1	0.9	0.5
1175	12/17/2014 16:16:11	11.81	41.01	26.21	9.20	7.90	9.7	2.303	100.2	2.0	0.9	0.5
1176	12/17/2014 16:31:11	11.82	40.90	26.13	9.18	7.90	10.4	2.367	100.0	2.5	1.1	0.6
1177	12/17/2014 16:46:12	11.85	40.82	26.07	9.15	7.90	9.7	2.453	99.7	1.9	0.8	0.4
1178	12/17/2014 17:01:12	11.88	41.11	26.28	9.12	7.91	10.3	2.539	99.5	2.6	1.1	0.6
1179	12/17/2014 17:16:12	11.97	41.55	26.60	9.07	7.92	10.7	2.603	99.4	2.4	1.1	0.6
1180	12/17/2014 17:31:12	12.07	41.85	26.81	9.03	7.93	10.7	2.659	99.3	1.9	0.8	0.5
1181	12/17/2014 17:46:11	12.11	42.04	26.95	9.02	7.93	10.8	2.709	99.3	1.9	0.8	0.4
1182	12/17/2014 18:01:12	12.10	42.20	27.06	9.01	7.93	11.5	2.779	99.3	2.1	0.9	0.5
1183	12/17/2014 18:16:12	12.11	42.25	27.10	9.00	7.93	11.0	2.842	99.3	2.2	1.0	0.5
1184	12/17/2014 18:31:12	12.10	42.25	27.10	9.00	7.93	10.9	2.914	99.2	2.1	0.9	0.5
1185	12/17/2014 18:46:11	12.11	42.15	27.03	9.02	7.94	11.4	2.968	99.4	1.7	0.7	0.4
1186	12/17/2014 19:01:11	12.15	42.36	27.18	9.00	7.94	10.8	3.034	99.4	2.2	1.0	0.5
1187	12/17/2014 19:16:11	12.20	42.39	27.20	8.98	7.95	10.8	3.094	99.3	1.8	0.8	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
1188	12/17/2014 19:31:11	12.25	42.42	27.22	8.98	7.95	10.9	3.134	99.4	1.6	0.7	0.4
1189	12/17/2014 19:46:11	12.31	42.61	27.36	8.94	7.96	10.5	3.185	99.1	1.2	0.5	0.3
1190	12/17/2014 20:01:11	12.36	42.74	27.45	8.92	7.96	11.4	3.234	99.0	1.6	0.7	0.4
1191	12/17/2014 20:16:12	12.42	42.84	27.53	8.91	7.97	11.0	3.281	99.1	1.3	0.6	0.3
1192	12/17/2014 20:31:12	12.46	43.04	27.67	8.88	7.97	9.3	3.305	99.0	2.0	0.9	0.5
1193	12/17/2014 20:46:12	12.47	43.07	27.69	8.88	7.98	8.6	3.332	99.1	1.3	0.6	0.3
1194	12/17/2014 21:01:12	12.48	43.07	27.69	8.82	7.98	7.5	3.359	98.4	2.3	1.0	0.5
1195	12/17/2014 21:16:12	12.46	43.00	27.64	8.85	7.97	8.9	3.360	98.7	1.0	0.4	0.2
1196	12/17/2014 21:31:12	12.49	43.06	27.68	8.85	7.98	9.4	3.353	98.7	1.5	0.7	0.4
1197	12/17/2014 21:46:11	12.46	43.05	27.67	8.88	7.97	9.8	3.319	99.0	1.7	0.7	0.4
1198	12/17/2014 22:01:12	12.42	42.94	27.59	8.86	7.97	10.0	3.304	98.7	1.6	0.7	0.4
1199	12/17/2014 22:16:11	12.24	42.36	27.18	8.89	7.95	9.4	3.245	98.4	1.9	0.8	0.4
1200	12/17/2014 22:31:12	12.24	42.22	27.08	8.87	7.94	10.3	3.181	98.1	1.9	0.8	0.5
1201	12/17/2014 22:46:11	11.82	40.35	25.74	9.02	7.91	9.5	3.147	98.1	2.6	1.1	0.6
1202	12/17/2014 23:01:12	12.10	41.86	26.82	8.94	7.93	10.8	3.087	98.4	2.1	0.9	0.5
1203	12/17/2014 23:16:12	12.02	41.54	26.59	8.94	7.93	9.4	3.034	98.1	1.6	0.7	0.4
1204	12/17/2014 23:31:11	11.83	40.70	25.99	9.01	7.91	9.2	2.969	98.1	2.1	0.9	0.5
1205	12/17/2014 23:46:12	11.85	41.12	26.29	8.94	7.91	8.6	2.923	97.6	2.1	0.9	0.5
1206	12/18/2014 00:01:11	11.90	41.31	26.43	8.94	7.91	8.3	2.875	97.7	1.9	0.8	0.4
1207	12/18/2014 00:16:11	11.89	41.41	26.49	9.12	7.91	8.1	2.825	99.7	2.2	1.0	0.5
1208	12/18/2014 00:31:11	11.87	41.38	26.47	9.02	7.91	8.0	2.797	98.6	2.0	0.9	0.5
1209	12/18/2014 00:46:12	11.87	41.36	26.46	8.98	7.90	8.1	2.755	98.1	2.5	1.1	0.6
1210	12/18/2014 01:01:11	11.84	41.11	26.28	8.97	7.90	7.8	2.726	97.9	1.8	0.8	0.4
1211	12/18/2014 01:16:11	11.85	41.16	26.32	8.96	7.90	7.8	2.696	97.7	2.1	0.9	0.5
1212	12/18/2014 01:31:11	11.88	41.34	26.44	8.88	7.90	7.3	2.670	97.1	2.3	1.0	0.5
1213	12/18/2014 01:46:11	11.90	41.43	26.51	8.89	7.90	7.5	2.676	97.2	1.2	0.5	0.3
1214	12/18/2014 02:01:12	11.93	41.57	26.61	8.92	7.91	7.5	2.662	97.7	1.9	0.8	0.4
1215	12/18/2014 02:16:12	11.94	41.63	26.65	8.88	7.91	7.3	2.656	97.3	2.1	0.9	0.5
1216	12/18/2014 02:31:11	11.95	41.61	26.63	8.92	7.91	8.1	2.686	97.8	2.1	0.9	0.5
1217	12/18/2014 02:46:12	11.92	41.43	26.51	8.95	7.91	7.6	2.696	98.0	1.8	0.8	0.4
1218	12/18/2014 03:01:12	11.91	41.39	26.48	8.95	7.91	7.6	2.727	97.9	1.9	0.8	0.5
1219	12/18/2014 03:16:11	11.93	41.53	26.58	8.96	7.91	8.1	2.761	98.1	2.0	0.9	0.5
1220	12/18/2014 03:31:11	11.95	41.45	26.52	8.96	7.91	8.5	2.814	98.1	1.6	0.7	0.4
1221	12/18/2014 03:46:11	11.98	41.49	26.55	8.96	7.91	10.0	2.866	98.2	1.7	0.7	0.4
1222	12/18/2014 04:01:12	12.03	41.55	26.60	8.95	7.92	9.0	2.912	98.2	2.1	0.9	0.5
1223	12/18/2014 04:16:11	12.15	41.90	26.85	8.95	7.93	9.4	2.979	98.6	1.8	0.8	0.4
1224	12/18/2014 04:31:11	12.19	41.76	26.75	8.95	7.94	9.4	3.034	98.6	1.8	0.8	0.4
1225	12/18/2014 04:46:11	12.17	41.82	26.79	8.96	7.94	9.6	3.132	98.8	1.7	0.7	0.4
1226	12/18/2014 05:01:12	12.28	42.38	27.19	8.95	7.96	11.1	3.213	99.1	2.0	0.9	0.5
1227	12/18/2014 05:16:11	12.25	42.34	27.16	9.01	7.96	11.4	3.303	99.7	1.6	0.7	0.4
1228	12/18/2014 05:31:12	12.33	42.41	27.21	9.02	7.97	11.4	3.388	100.0	1.9	0.8	0.4
1229	12/18/2014 05:46:12	12.40	42.21	27.08	9.01	7.98	12.0	3.448	99.9	2.4	1.1	0.6
1230	12/18/2014 06:01:12	12.57	42.98	27.63	8.99	8.00	12.0	3.550	100.4	1.9	0.8	0.5
1231	12/18/2014 06:16:12	13.02	44.46	28.70	8.93	8.03	19.7	3.646	101.4	1.9	0.8	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
1232	12/18/2014 06:31:11	13.20	45.03	29.11	8.96	8.05	19.9	3.706	102.4	1.2	0.5	0.3
1233	12/18/2014 06:46:11	13.26	45.18	29.22	8.97	8.06	16.2	3.796	102.7	1.6	0.7	0.4
1234	12/18/2014 07:01:11	13.37	45.41	29.39	8.98	8.07	20.5	3.872	103.1	1.5	0.7	0.3
1235	12/18/2014 07:16:11	13.41	45.52	29.47	8.99	8.07	14.3	3.920	103.4	1.3	0.6	0.3
1236	12/18/2014 07:31:11	13.47	45.68	29.59	8.96	8.08	13.5	3.967	103.3	0.8	0.4	0.2
1237	12/18/2014 07:46:12	13.61	46.00	29.82	8.97	8.09	13.2	4.021	103.8	0.6	0.3	0.1
1238	12/18/2014 08:01:12	13.65	46.17	29.94	8.95	8.09	10.3	4.042	103.8	1.4	0.6	0.3
1239	12/18/2014 08:16:11	13.67	46.21	29.97	8.97	8.10	9.6	4.074	104.0	1.1	0.5	0.3
1240	12/18/2014 08:31:11	13.68	46.24	30.00	8.91	8.10	7.3	4.075	103.4	0.8	0.4	0.2
1241	12/18/2014 08:46:11	13.64	46.06	29.87	8.93	8.09	9.6	4.064	103.4	1.2	0.5	0.3
1242	12/18/2014 09:01:11	13.63	46.11	29.90	8.95	8.09	8.7	4.052	103.7	0.9	0.4	0.2
1243	12/18/2014 09:16:11	12.98	44.43	28.68	8.94	8.04	8.1	4.020	101.4	1.1	0.5	0.3
1244	12/18/2014 09:31:11	12.70	40.94	26.18	9.13	8.02	7.6	3.982	101.3	1.0	0.4	0.2
1245	12/18/2014 09:46:12	12.53	39.48	25.16	9.16	8.00	7.5	3.916	100.7	1.3	0.6	0.3
1246	12/18/2014 10:01:12	12.51	39.18	24.95	9.16	7.99	10.5	3.827	100.5	1.4	0.6	0.3
1247	12/18/2014 10:16:12	12.44	39.52	25.18	9.12	7.98	9.4	3.773	100.1	1.3	0.6	0.3
1248	12/18/2014 10:31:12	12.23	40.32	25.74	9.08	7.96	8.6	3.672	99.5	1.7	0.7	0.4
1249	12/18/2014 10:46:12	12.22	40.08	25.57	9.08	7.95	9.8	3.585	99.4	1.8	0.8	0.4
1250	12/18/2014 11:01:12	12.18	38.70	24.60	9.16	7.95	8.7	3.483	99.5	1.8	0.8	0.4
1251	12/18/2014 11:16:12	12.17	38.09	24.17	9.19	7.95	7.7	3.387	99.6	1.6	0.7	0.4
1252	12/18/2014 11:31:11	12.23	39.84	25.39	9.12	7.95	8.6	3.290	99.8	1.7	0.7	0.4
1253	12/18/2014 11:46:12	12.22	39.45	25.13	9.15	7.95	8.1	3.184	99.9	1.4	0.6	0.3
1254	12/18/2014 12:01:11	12.22	39.58	25.21	9.15	7.95	8.7	3.076	100.0	1.5	0.7	0.3
1255	12/18/2014 12:16:11	12.23	40.16	25.63	9.13	7.95	8.4	2.957	100.0	1.8	0.8	0.4
1256	12/18/2014 12:31:11	12.15	39.01	24.81	9.20	7.94	8.8	2.861	100.1	2.1	0.9	0.5
1257	12/18/2014 12:46:12	12.36	40.03	25.54	9.17	7.96	8.9	2.748	100.7	1.6	0.7	0.4
1258	12/18/2014 13:01:12	12.32	40.47	25.85	9.14	7.95	9.4	2.642	100.4	1.9	0.8	0.5
1259	12/18/2014 13:16:11	12.36	40.48	25.86	9.23	7.96	10.6	2.534	101.5	1.6	0.7	0.4
1260	12/18/2014 13:31:12	12.21	40.22	25.66	9.23	7.94	11.9	2.435	101.1	2.0	0.9	0.5
1261	12/18/2014 13:46:12	12.08	40.00	25.51	9.25	7.93	10.7	2.333	100.9	1.6	0.7	0.4
1262	12/18/2014 14:01:11	12.16	40.31	25.73	9.28	7.94	13.1	2.229	101.6	2.0	0.9	0.5
1263	12/18/2014 14:16:12	12.11	39.83	25.39	9.29	7.93	13.1	2.136	101.3	2.2	1.0	0.5
1264	12/18/2014 14:31:12	12.06	40.38	25.77	9.25	7.93	12.8	2.066	101.1	2.5	1.1	0.6
1265	12/18/2014 14:46:12	12.08	39.96	25.47	9.33	7.93	13.3	1.993	101.8	1.9	0.8	0.4
1266	12/18/2014 15:01:11	12.00	39.59	25.21	9.35	7.93	12.2	1.935	101.7	1.8	0.8	0.4
1267	12/18/2014 15:16:11	11.93	39.29	25.00	9.34	7.92	12.2	1.903	101.2	2.6	1.1	0.6
1268	12/18/2014 15:31:11	11.90	38.21	24.25	9.30	7.91	10.3	1.913	100.3	1.9	0.8	0.5
1269	12/18/2014 15:46:11	11.92	39.12	24.88	9.31	7.92	11.0	1.895	100.8	2.0	0.9	0.5
1270	12/18/2014 16:01:11	11.93	39.22	24.95	9.32	7.92	10.6	1.927	101.0	2.4	1.1	0.6
1271	12/18/2014 16:16:12	11.93	39.37	25.06	9.27	7.92	11.4	1.973	100.5	1.7	0.7	0.4
1272	12/18/2014 16:31:11	11.95	38.46	24.42	9.30	7.91	13.1	2.029	100.5	2.8	1.2	0.6
1273	12/18/2014 16:46:12	11.96	38.69	24.58	9.25	7.91	12.0	2.092	100.1	2.3	1.0	0.5
1274	12/18/2014 17:01:11	11.95	37.96	24.07	9.26	7.90	11.9	2.165	99.8	2.3	1.0	0.5
1275	12/18/2014 17:16:11	11.97	38.14	24.20	9.23	7.90	11.8	2.252	99.6	2.6	1.1	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
1276	12/18/2014 17:31:12	11.97	38.36	24.35	9.19	7.90	13.4	2.325	99.3	2.5	1.1	0.6
1277	12/18/2014 17:46:12	11.99	38.72	24.61	9.14	7.91	12.4	2.400	99.0	2.5	1.1	0.6
1278	12/18/2014 18:01:12	12.05	38.80	24.66	9.13	7.91	11.7	2.490	99.0	2.6	1.1	0.6
1279	12/18/2014 18:16:11	12.11	38.71	24.60	9.16	7.92	11.0	2.553	99.5	2.4	1.1	0.6
1280	12/18/2014 18:31:12	12.10	38.62	24.54	9.16	7.92	11.6	2.621	99.4	2.1	0.9	0.5
1281	12/18/2014 18:46:12	12.05	39.04	24.83	9.15	7.92	13.1	2.702	99.3	2.4	1.1	0.6
1282	12/18/2014 19:01:11	12.06	38.94	24.76	9.18	7.93	12.8	2.773	99.6	2.4	1.1	0.6
1283	12/18/2014 19:16:11	12.12	38.79	24.66	9.18	7.93	12.2	2.838	99.8	1.9	0.8	0.4
1284	12/18/2014 19:31:12	12.17	39.06	24.85	9.15	7.94	12.4	2.915	99.6	2.2	1.0	0.5
1285	12/18/2014 19:46:12	12.22	38.99	24.80	9.13	7.94	13.0	2.970	99.5	2.4	1.1	0.6
1286	12/18/2014 20:01:12	12.26	39.14	24.91	9.11	7.95	14.6	3.052	99.4	2.3	1.0	0.5
1287	12/18/2014 20:16:12	12.33	39.13	24.90	9.13	7.96	14.5	3.120	99.8	2.1	0.9	0.5
1288	12/18/2014 20:31:11	12.44	39.35	25.06	9.15	7.97	18.3	3.187	100.3	2.5	1.1	0.6
1289	12/18/2014 20:46:11	12.52	39.79	25.37	9.15	7.98	16.1	3.254	100.7	2.2	1.0	0.5
1290	12/18/2014 21:01:11	12.57	39.94	25.48	9.14	7.99	15.2	3.308	100.8	1.9	0.8	0.4
1291	12/18/2014 21:16:11	12.63	40.10	25.59	9.15	8.00	13.3	3.367	101.1	1.9	0.8	0.4
1292	12/18/2014 21:31:12	12.67	40.31	25.74	9.10	8.00	12.4	3.401	100.7	1.7	0.7	0.4
1293	12/18/2014 21:46:12	12.79	40.80	26.09	9.10	8.01	11.1	3.430	101.2	1.4	0.6	0.3
1294	12/18/2014 22:01:12	12.84	41.11	26.31	9.10	8.02	10.0	3.438	101.4	1.6	0.7	0.4
1295	12/18/2014 22:16:11	12.85	41.41	26.52	9.04	8.02	9.7	3.446	100.9	1.8	0.8	0.4
1296	12/18/2014 22:31:12	12.89	38.82	24.70	9.15	8.02	10.0	3.454	101.1	1.6	0.7	0.4
1297	12/18/2014 22:46:11	12.47	39.97	25.50	9.16	7.98	9.8	3.424	100.8	1.6	0.7	0.4
1298	12/18/2014 23:01:11	12.61	39.16	24.93	9.16	8.00	9.7	3.411	100.7	1.9	0.8	0.4
1299	12/18/2014 23:16:11	12.41	38.83	24.69	9.26	7.98	10.8	3.378	101.3	2.0	0.9	0.5
1300	12/18/2014 23:31:12	12.45	39.61	25.24	9.23	7.98	11.2	3.299	101.3	1.9	0.8	0.4
1301	12/18/2014 23:46:11	12.46	39.82	25.39	9.21	7.98	16.2	3.287	101.2	2.2	1.0	0.5
1302	12/19/2014 00:01:11	12.40	39.88	25.43	9.18	7.97	14.4	3.210	100.7	1.7	0.7	0.4
1303	12/19/2014 00:16:11	12.32	39.81	25.38	9.16	7.96	13.6	3.124	100.3	2.1	0.9	0.5
1304	12/19/2014 00:31:11	12.22	40.08	25.57	9.15	7.95	11.9	3.068	100.2	2.1	0.9	0.5
1305	12/19/2014 00:46:11	12.19	39.95	25.47	9.14	7.94	11.4	2.995	99.9	2.3	1.0	0.5
1306	12/19/2014 01:01:12	12.18	40.18	25.63	9.11	7.94	10.6	2.942	99.7	1.8	0.8	0.4
1307	12/19/2014 01:16:12	12.15	40.54	25.89	9.09	7.94	11.4	2.887	99.6	1.8	0.8	0.4
1308	12/19/2014 01:31:11	12.13	36.96	23.38	9.25	7.93	11.7	2.864	99.7	2.0	0.9	0.5
1309	12/19/2014 01:46:12	12.10	37.60	23.83	9.21	7.93	12.7	2.814	99.5	2.3	1.0	0.5
1310	12/19/2014 02:01:11	12.02	37.56	23.79	9.33	7.93	9.9	2.790	100.6	2.0	0.9	0.5
1311	12/19/2014 02:16:12	12.01	36.56	23.10	9.35	7.93	10.1	2.767	100.3	2.1	0.9	0.5
1312	12/19/2014 02:31:12	12.01	36.63	23.15	9.33	7.93	9.7	2.748	100.1	2.3	1.0	0.5
1313	12/19/2014 02:46:12	12.07	36.80	23.27	9.20	7.92	10.1	2.757	99.0	2.3	1.0	0.5
1314	12/19/2014 03:01:11	12.12	36.90	23.34	9.22	7.93	10.4	2.746	99.3	1.8	0.8	0.4
1315	12/19/2014 03:16:12	12.08	36.77	23.25	9.22	7.92	9.5	2.757	99.1	2.0	0.9	0.5
1316	12/19/2014 03:31:12	12.09	36.67	23.18	9.25	7.93	9.6	2.785	99.5	1.8	0.8	0.4
1317	12/19/2014 03:46:11	12.10	36.35	22.95	9.28	7.93	9.8	2.794	99.7	2.3	1.0	0.5
1318	12/19/2014 04:01:12	12.13	36.72	23.21	9.28	7.93	9.9	2.835	99.9	2.0	0.9	0.5
1319	12/19/2014 04:16:11	12.12	36.04	22.74	9.30	7.93	10.3	2.901	99.8	1.7	0.7	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.44)	Fluorescence %FS
1320	12/19/2014 04:31:12	12.17	36.09	22.78	9.29	7.94	11.7	2.947	99.8	2.5	1.1	0.6
1321	12/19/2014 04:46:12	12.23	35.70	22.51	9.31	7.94	10.9	3.007	100.0	2.2	1.0	0.5
1322	12/19/2014 05:01:11	12.33	35.69	22.50	9.33	7.96	9.7	3.091	100.4	1.6	0.7	0.4
1323	12/19/2014 05:16:12	12.33	35.53	22.39	9.34	7.96	10.0	3.154	100.5	1.5	0.7	0.4
1324	12/19/2014 05:31:11	12.49	36.19	22.86	9.32	7.98	11.3	3.240	100.9	1.8	0.8	0.4
1325	12/19/2014 05:46:12	12.48	36.63	23.16	9.33	7.98	11.2	3.325	101.1	1.8	0.8	0.4
1326	12/19/2014 06:01:12	12.51	37.14	23.51	9.31	7.99	9.8	3.417	101.3	1.7	0.7	0.4
1327	12/19/2014 06:16:11	12.61	37.07	23.47	9.31	8.00	10.9	3.508	101.5	1.8	0.8	0.4
1328	12/19/2014 06:31:11	12.74	37.15	23.53	9.30	8.01	10.9	3.587	101.6	2.0	0.9	0.5
1329	12/19/2014 06:46:11	12.91	37.85	24.02	9.27	8.03	10.5	3.681	102.0	1.7	0.7	0.4
1330	12/19/2014 07:01:11	13.16	39.18	24.96	9.24	8.05	25.7	3.757	102.8	1.8	0.8	0.4
1331	12/19/2014 07:16:12	13.29	39.46	25.16	9.22	8.07	21.2	3.818	103.0	1.5	0.7	0.4
1332	12/19/2014 07:31:11	13.38	39.93	25.49	9.24	8.07	18.9	3.898	103.6	1.2	0.5	0.3
1333	12/19/2014 07:46:12	13.49	39.85	25.44	9.26	8.09	18.2	3.972	104.1	1.4	0.6	0.3
1334	12/19/2014 08:01:12	13.60	40.17	25.67	9.27	8.10	15.8	4.039	104.5	1.1	0.5	0.3
1335	12/19/2014 08:16:11	13.69	40.23	25.71	9.28	8.10	13.9	4.087	104.9	1.2	0.5	0.3
1336	12/19/2014 08:31:11	13.75	40.56	25.95	9.28	8.11	12.0	4.142	105.2	1.5	0.7	0.3
1337	12/19/2014 08:46:11	13.80	40.44	25.86	9.30	8.11	11.5	4.167	105.5	1.1	0.5	0.3
1338	12/19/2014 09:01:11	13.82	42.43	27.27	9.19	8.12	8.8	4.187	105.2	0.7	0.3	0.2
1339	12/19/2014 09:16:11	13.83	42.44	27.28	9.21	8.12	9.7	4.221	105.4	0.7	0.3	0.2
Mean		13.57	44.24	28.56	8.57	8.00	9.4	3.002	98.3	1.8	0.8	0.4
Minimum		11.74	35.53	22.39	8.04	7.90	3.3	1.357	91.0	0.4	0.2	0.1
Maximum		15.04	48.75	31.84	9.38	8.16	41.0	4.320	108.5	4.2	1.8	1.0

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

Chlorophyll/Fluorescence displayed as *in vivo* (non-extractive) readings from YSI 6025 chlorophyll probe

Chlorophyll corrected with ratio derived from extractive analysis; Sample collected at 10:00; value = 0.54

Flagged data due to suspect values (i.e., equipment malfunction, interference, etc.)

Data listed as outlier and discarded due to field issues (i.e., equipment malfunction, interference, etc.)

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
0	12/19/2014 09:46:03	13.75	45.70	29.61	8.95	8.06	9.8	4.063	103.7	1.7	0.7	0.4
1	12/19/2014 10:01:04	13.09	43.77	28.21	8.74	8.00	7.8	4.034	99.1	1.7	0.7	0.4
2	12/19/2014 10:16:04	12.94	43.42	27.95	8.68	8.00	9.3	3.979	97.9	2.1	0.8	0.5
3	12/19/2014 10:31:03	12.73	42.78	27.49	8.68	7.97	7.0	3.897	97.2	2.3	0.9	0.5
4	12/19/2014 10:46:03	12.49	41.52	26.59	8.75	7.94	8.4	3.788	97.0	2.3	0.9	0.5
5	12/19/2014 11:01:03	12.61	41.80	26.79	8.74	7.95	8.7	3.699	97.3	2.4	1.0	0.6
6	12/19/2014 11:16:04	12.73	41.77	26.78	8.72	7.97	10.3	3.623	97.2	2.6	1.0	0.6
7	12/19/2014 11:31:04	12.54	41.35	26.47	8.69	7.94	8.3	3.500	96.4	2.3	0.9	0.6
8	12/19/2014 11:46:04	12.59	41.57	26.63	8.67	7.94	8.7	3.399	96.2	2.8	1.1	0.7
9	12/19/2014 12:01:04	12.65	41.72	26.74	8.66	7.95	8.3	3.272	96.4	2.4	1.0	0.6
10	12/19/2014 12:16:04	12.61	41.61	26.66	8.70	7.94	8.7	3.165	96.7	2.7	1.1	0.6
11	12/19/2014 12:31:04	12.53	41.26	26.41	8.73	7.93	9.0	3.047	96.7	2.3	0.9	0.6
12	12/19/2014 12:46:04	12.56	41.32	26.45	8.73	7.94	7.8	2.938	96.8	2.8	1.1	0.7
13	12/19/2014 13:01:04	12.66	41.48	26.57	8.73	7.95	8.2	2.778	97.1	2.2	0.9	0.5
14	12/19/2014 13:16:04	12.57	41.56	26.62	8.74	7.94	9.3	2.696	97.0	2.5	1.0	0.6
15	12/19/2014 13:31:04	12.44	41.13	26.31	8.76	7.93	8.9	2.588	96.7	2.7	1.1	0.6
16	12/19/2014 13:46:04	12.43	41.14	26.32	8.74	7.93	10.5	2.455	96.6	1.8	0.7	0.4
17	12/19/2014 14:01:04	12.34	41.00	26.22	8.78	7.92	11.0	2.304	96.7	2.9	1.2	0.7
18	12/19/2014 14:16:04	12.40	41.14	26.32	8.79	7.92	11.2	2.206	97.0	3.1	1.2	0.7
19	12/19/2014 14:31:04	12.31	40.94	26.18	8.79	7.91	12.5	2.080	96.8	2.1	0.8	0.5
20	12/19/2014 14:46:04	12.33	40.88	26.14	8.84	7.92	12.7	1.976	97.4	2.8	1.1	0.7
21	12/19/2014 15:01:04	12.26	40.67	25.98	8.84	7.91	13.9	1.913	97.1	2.9	1.2	0.7
22	12/19/2014 15:16:04	12.24	40.47	25.84	8.89	7.91	14.2	1.816	97.6	3.0	1.2	0.7
23	12/19/2014 15:31:04	12.21	40.37	25.77	8.92	7.90	15.1	1.717	97.8	2.7	1.1	0.6
24	12/19/2014 15:46:04	12.10	40.10	25.57	8.91	7.89	12.3	1.671	97.3	3.5	1.4	0.8
25	12/19/2014 16:01:04	12.11	40.09	25.57	8.87	7.89	11.0	1.648	96.9	3.3	1.3	0.8
26	12/19/2014 16:16:04	12.06	40.00	25.50	8.83	7.89	10.5	1.605	96.3	2.9	1.2	0.7
27	12/19/2014 16:31:04	12.09	40.07	25.56	8.91	7.89	10.9	1.608	97.2	3.3	1.3	0.8
28	12/19/2014 16:46:04	12.06	40.05	25.54	8.91	7.89	10.6	1.609	97.2	2.7	1.1	0.6
29	12/19/2014 17:01:04	12.06	40.08	25.56	8.90	7.88	10.0	1.688	97.0	3.1	1.2	0.7
30	12/19/2014 17:16:04	12.06	39.99	25.50	8.87	7.88	9.8	1.786	96.7	3.4	1.4	0.8
31	12/19/2014 17:31:04	12.12	39.01	24.81	8.86	7.87	12.8	1.825	96.3	3.3	1.3	0.8
32	12/19/2014 17:46:04	12.14	38.81	24.67	8.82	7.87	12.3	1.913	95.8	3.5	1.4	0.8
33	12/19/2014 18:01:04	12.17	38.78	24.65	8.79	7.87	13.2	1.988	95.5	2.9	1.2	0.7
34	12/19/2014 18:16:04	12.17	39.25	24.98	8.77	7.87	12.6	2.109	95.6	3.9	1.6	0.9
35	12/19/2014 18:31:04	12.21	39.78	25.35	8.74	7.88	12.8	2.209	95.5	3.2	1.3	0.8
36	12/19/2014 18:46:04	12.30	40.23	25.68	8.74	7.90	13.5	2.267	95.9	3.2	1.3	0.8
37	12/19/2014 19:01:04	12.35	40.54	25.89	8.74	7.90	13.0	2.381	96.1	2.3	0.9	0.5
38	12/19/2014 19:16:04	12.36	40.65	25.97	8.73	7.91	13.1	2.483	96.1	3.0	1.2	0.7
39	12/19/2014 19:31:04	12.33	40.67	25.99	8.70	7.90	14.7	2.530	95.7	2.8	1.1	0.7
40	12/19/2014 19:46:04	12.30	40.70	26.00	8.73	7.90	15.3	2.614	96.0	3.3	1.3	0.8
41	12/19/2014 20:01:04	12.34	40.90	26.15	8.70	7.91	16.9	2.710	95.9	3.2	1.3	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
42	12/19/2014 20:16:04	12.41	40.94	26.18	8.72	7.92	15.9	2.826	96.2	2.6	1.0	0.6
43	12/19/2014 20:31:04	12.47	41.02	26.24	8.72	7.92	16.5	2.867	96.4	2.9	1.2	0.7
44	12/19/2014 20:46:04	12.55	41.27	26.42	8.72	7.93	24.7	2.976	96.6	3.4	1.4	0.8
45	12/19/2014 21:01:04	12.62	41.43	26.53	8.73	7.94	26.7	3.025	96.9	2.8	1.1	0.7
46	12/19/2014 21:16:04	12.68	41.65	26.69	8.73	7.95	22.5	3.128	97.2	3.1	1.2	0.7
47	12/19/2014 21:31:04	12.78	42.09	27.00	8.68	7.97	26.6	3.187	97.1	3.1	1.2	0.7
48	12/19/2014 21:46:04	12.99	42.79	27.50	8.73	7.99	25.8	3.297	98.3	2.9	1.2	0.7
49	12/19/2014 22:01:04	13.16	43.34	27.91	8.78	8.01	21.4	3.334	99.5	2.5	1.0	0.6
50	12/19/2014 22:16:04	13.28	43.68	28.15	8.87	8.02	21.9	3.399	100.9	2.4	1.0	0.6
51	12/19/2014 22:31:04	13.38	43.94	28.34	8.88	8.03	17.1	3.372	101.4	2.6	1.0	0.6
52	12/19/2014 22:46:04	13.48	44.17	28.51	8.92	8.04	15.3	3.408	102.1	2.6	1.0	0.6
53	12/19/2014 23:01:04	13.51	44.22	28.54	8.90	8.04	10.6	3.455	102.0	2.8	1.1	0.7
54	12/19/2014 23:16:04	13.48	44.15	28.49	8.90	8.04	12.3	3.457	101.9	2.2	0.9	0.5
55	12/19/2014 23:31:04	13.46	44.11	28.46	8.88	8.04	12.7	3.373	101.6	2.2	0.9	0.5
56	12/19/2014 23:46:04	13.02	42.70	27.45	8.78	8.00	11.3	3.343	98.9	2.6	1.0	0.6
57	12/20/2014 00:01:04	13.22	43.17	27.78	8.78	8.02	13.0	3.338	99.5	2.1	0.8	0.5
58	12/20/2014 00:16:04	12.46	41.10	26.29	8.62	7.93	10.2	3.302	95.3	2.5	1.0	0.6
59	12/20/2014 00:31:05	12.54	41.23	26.39	8.58	7.94	12.4	3.207	95.1	3.0	1.2	0.7
60	12/20/2014 00:46:04	12.45	41.04	26.25	8.63	7.92	12.2	3.189	95.3	2.8	1.1	0.7
61	12/20/2014 01:01:04	12.39	40.80	26.08	8.62	7.92	9.5	3.121	95.0	2.7	1.1	0.6
62	12/20/2014 01:16:05	12.43	40.91	26.16	8.58	7.92	10.3	3.055	94.7	2.7	1.1	0.6
63	12/20/2014 01:31:05	12.43	40.85	26.11	8.60	7.92	10.2	2.983	94.9	2.5	1.0	0.6
64	12/20/2014 01:46:05	12.36	40.75	26.04	8.62	7.91	9.5	2.939	94.9	2.9	1.2	0.7
65	12/20/2014 02:01:04	12.23	39.83	25.39	8.65	7.89	9.8	2.919	94.6	3.4	1.4	0.8
66	12/20/2014 02:16:05	12.34	40.47	25.85	8.60	7.91	9.3	2.793	94.6	3.6	1.4	0.8
67	12/20/2014 02:31:04	12.34	40.41	25.81	8.60	7.91	9.6	2.820	94.6	2.7	1.1	0.6
68	12/20/2014 02:46:05	12.35	40.69	26.00	8.59	7.91	9.8	2.765	94.5	2.9	1.2	0.7
69	12/20/2014 03:01:04	12.34	40.65	25.97	8.60	7.91	9.1	2.713	94.7	3.0	1.2	0.7
70	12/20/2014 03:16:04	12.33	40.60	25.94	8.60	7.90	9.4	2.718	94.6	3.5	1.4	0.8
71	12/20/2014 03:31:05	12.32	40.59	25.93	8.57	7.90	7.8	2.708	94.3	3.1	1.2	0.7
72	12/20/2014 03:46:04	12.28	40.37	25.78	8.58	7.90	9.7	2.676	94.2	2.9	1.2	0.7
73	12/20/2014 04:01:04	12.35	40.66	25.98	8.60	7.90	9.2	2.702	94.6	2.2	0.9	0.5
74	12/20/2014 04:16:04	12.33	40.56	25.91	8.63	7.90	9.1	2.684	95.0	2.6	1.0	0.6
75	12/20/2014 04:31:04	12.34	40.53	25.89	8.59	7.90	8.9	2.684	94.5	3.1	1.2	0.7
76	12/20/2014 04:46:05	12.37	40.65	25.98	8.61	7.91	9.6	2.688	94.8	2.8	1.1	0.7
77	12/20/2014 05:01:04	12.39	40.79	26.07	8.64	7.91	11.3	2.748	95.2	2.8	1.1	0.7
78	12/20/2014 05:16:05	12.45	40.89	26.15	8.63	7.92	16.6	2.793	95.3	2.8	1.1	0.7
79	12/20/2014 05:31:05	12.54	41.10	26.30	8.62	7.93	19.6	2.871	95.4	3.2	1.3	0.8
80	12/20/2014 05:46:05	12.61	41.42	26.52	8.68	7.94	11.8	2.924	96.4	2.6	1.0	0.6
81	12/20/2014 06:01:04	12.63	41.26	26.41	8.72	7.94	12.2	2.969	96.8	2.4	1.0	0.6
82	12/20/2014 06:16:04	12.72	41.18	26.36	8.76	7.95	11.8	3.082	97.5	2.8	1.1	0.7
83	12/20/2014 06:31:04	12.79	41.77	26.78	8.83	7.97	15.6	3.179	98.5	2.6	1.0	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
84	12/20/2014 06:46:04	12.98	42.34	27.19	8.91	7.99	15.3	3.249	100.2	2.6	1.0	0.6
85	12/20/2014 07:01:04	13.15	42.85	27.56	8.91	8.01	15.6	3.328	100.8	2.9	1.2	0.7
86	12/20/2014 07:16:04	13.49	43.81	28.25	9.02	8.04	24.2	3.478	103.2	2.9	1.2	0.7
87	12/20/2014 07:31:04	13.47	43.77	28.22	8.99	8.04	19.3	3.565	102.7	2.3	0.9	0.6
88	12/20/2014 07:46:04	13.56	43.83	28.27	9.06	8.05	29.2	3.622	103.7	2.4	1.0	0.6
89	12/20/2014 08:01:04	13.63	43.93	28.34	9.05	8.06	31.8	3.733	103.8	2.6	1.0	0.6
90	12/20/2014 08:16:04	13.82	44.35	28.64	9.08	8.07	26.4	3.818	104.8	2.8	1.1	0.7
91	12/20/2014 08:31:04	13.97	44.79	28.96	9.11	8.09	26.6	3.921	105.7	2.0	0.8	0.5
92	12/20/2014 08:46:04	14.04	45.08	29.18	9.10	8.09	22.7	3.971	105.8	2.2	0.9	0.5
93	12/20/2014 09:01:04	14.11	45.44	29.44	9.10	8.10	18.8	4.056	106.1	2.0	0.8	0.5
94	12/20/2014 09:16:04	14.17	45.67	29.60	9.19	8.10	17.3	4.056	107.5	1.9	0.8	0.4
95	12/20/2014 09:31:04	14.20	45.74	29.65	9.16	8.10	15.7	4.146	107.2	2.1	0.8	0.5
96	12/20/2014 09:46:04	14.19	45.73	29.64	9.12	8.10	12.5	4.158	106.7	1.9	0.8	0.5
97	12/20/2014 10:01:04	14.22	45.80	29.70	9.09	8.10	10.8	4.166	106.4	1.9	0.8	0.5
98	12/20/2014 10:16:04	14.20	45.72	29.64	9.12	8.10	13.7	4.143	106.7	1.5	0.6	0.4
99	12/20/2014 10:31:04	14.23	45.83	29.72	9.16	8.10	14.7	4.140	107.3	2.0	0.8	0.5
100	12/20/2014 10:46:04	13.76	44.40	28.68	9.07	8.07	10.5	4.067	104.6	2.0	0.8	0.5
101	12/20/2014 11:01:04	13.65	44.17	28.51	9.01	8.06	9.7	3.994	103.5	1.5	0.6	0.4
102	12/20/2014 11:16:04	13.60	44.03	28.41	9.02	8.06	8.7	3.941	103.4	2.2	0.9	0.5
103	12/20/2014 11:31:04	13.27	42.95	27.63	8.96	8.02	9.0	3.800	101.6	2.1	0.8	0.5
104	12/20/2014 11:46:04	13.21	42.69	27.44	8.95	8.02	8.9	3.735	101.3	1.8	0.7	0.4
105	12/20/2014 12:01:04	13.31	42.97	27.65	8.93	8.02	12.1	3.604	101.4	2.4	1.0	0.6
106	12/20/2014 12:16:04	13.09	42.25	27.13	8.91	8.00	10.1	3.509	100.4	2.1	0.8	0.5
107	12/20/2014 12:31:04	13.00	41.87	26.85	8.92	7.99	10.8	3.386	100.0	2.2	0.9	0.5
108	12/20/2014 12:46:04	12.87	41.34	26.47	8.89	7.97	10.1	3.304	99.3	2.9	1.2	0.7
109	12/20/2014 13:01:04	12.73	40.78	26.07	8.89	7.96	11.5	3.150	98.7	2.7	1.1	0.6
110	12/20/2014 13:16:04	12.67	40.67	25.99	8.88	7.95	10.8	2.990	98.4	2.9	1.2	0.7
111	12/20/2014 13:31:04	12.87	41.34	26.47	8.88	7.97	9.2	2.900	99.1	2.6	1.0	0.6
112	12/20/2014 13:46:04	12.86	41.16	26.34	8.87	7.97	9.7	2.778	98.9	2.6	1.0	0.6
113	12/20/2014 14:01:04	12.80	41.02	26.25	8.89	7.96	10.1	2.639	99.0	2.4	1.0	0.6
114	12/20/2014 14:16:04	12.70	40.76	26.06	8.91	7.95	11.2	2.496	98.8	2.6	1.0	0.6
115	12/20/2014 14:31:04	12.64	40.61	25.96	8.88	7.94	12.2	2.408	98.3	2.5	1.0	0.6
116	12/20/2014 14:46:04	12.52	40.44	25.83	8.87	7.93	13.6	2.261	97.9	3.0	1.2	0.7
117	12/20/2014 15:01:04	12.52	40.35	25.76	8.85	7.93	22.0	2.121	97.6	3.6	1.4	0.8
118	12/20/2014 15:16:04	12.40	39.95	25.48	8.87	7.91	20.5	2.019	97.4	2.9	1.2	0.7
119	12/20/2014 15:31:04	12.25	39.53	25.18	8.86	7.89	19.2	1.878	96.8	3.3	1.3	0.8
120	12/20/2014 15:46:04	12.25	39.50	25.16	8.86	7.89	19.6	1.771	96.8	3.5	1.4	0.8
121	12/20/2014 16:01:04	12.17	39.18	24.93	8.83	7.87	19.8	1.686	96.2	3.2	1.3	0.8
122	12/20/2014 16:16:05	12.17	39.15	24.91	8.84	7.87	21.9	1.569	96.3	3.6	1.4	0.9
123	12/20/2014 16:31:04	12.14	39.00	24.80	8.85	7.87	25.3	1.493	96.2	3.9	1.6	0.9
124	12/20/2014 16:46:05	12.13	38.98	24.79	8.82	7.87	26.4	1.479	95.9	3.7	1.5	0.9
125	12/20/2014 17:01:05	12.13	38.98	24.79	8.82	7.86	21.7	1.445	95.9	3.6	1.4	0.9

sonde #2		Indian Island Long-Term Deployment								Water Quality Data		
			SpCond		DO Conc		Turbidity+	Depth		Chlorophyll	Corrected Chlorophyll	Fluorescence
Sample #	Date & Time	Temp C	mS/cm	Salinity ppt	mg/L	pH	NTU	meters	DO%	ug/L	(Corrected ratio = 0.40)	%FS
126	12/20/2014 17:16:05	12.14	39.00	24.81	8.86	7.87	21.3	1.456	96.4	3.7	1.5	0.9
127	12/20/2014 17:31:05	12.15	39.05	24.84	8.85	7.87	16.1	1.488	96.4	3.3	1.3	0.8
128	12/20/2014 17:46:05	12.18	39.21	24.95	8.84	7.87	16.6	1.593	96.3	4.1	1.6	1.0
129	12/20/2014 18:01:04	12.21	38.83	24.69	8.83	7.86	17.8	1.677	96.1	3.3	1.3	0.8
130	12/20/2014 18:16:05	12.21	38.23	24.27	8.84	7.86	15.8	1.735	95.9	3.9	1.6	0.9
131	12/20/2014 18:31:04	12.23	37.68	23.89	8.85	7.86	15.0	1.855	95.9	3.4	1.4	0.8
132	12/20/2014 18:46:05	12.26	38.03	24.13	8.84	7.86	14.2	1.936	96.0	3.5	1.4	0.8
133	12/20/2014 19:01:05	12.28	38.42	24.40	8.82	7.87	15.7	2.054	96.0	3.7	1.5	0.9
134	12/20/2014 19:16:05	12.35	39.02	24.83	8.80	7.89	17.3	2.127	96.2	3.3	1.3	0.8
135	12/20/2014 19:31:05	12.41	39.40	25.10	8.80	7.90	15.6	2.237	96.4	3.2	1.3	0.8
136	12/20/2014 19:46:04	12.44	39.62	25.25	8.81	7.90	16.2	2.338	96.7	3.0	1.2	0.7
137	12/20/2014 20:01:05	12.49	40.08	25.57	8.81	7.91	17.2	2.439	97.0	3.3	1.3	0.8
138	12/20/2014 20:16:05	12.48	40.14	25.62	8.82	7.91	17.2	2.516	97.1	2.9	1.2	0.7
139	12/20/2014 20:31:05	12.46	40.01	25.53	8.82	7.91	17.8	2.606	97.1	3.5	1.4	0.8
140	12/20/2014 20:46:04	12.52	40.30	25.73	8.83	7.92	19.8	2.720	97.4	3.1	1.2	0.7
141	12/20/2014 21:01:05	12.59	40.35	25.77	8.83	7.92	19.4	2.814	97.5	3.6	1.4	0.8
142	12/20/2014 21:16:05	12.65	40.47	25.85	8.83	7.93	24.1	2.885	97.7	3.2	1.3	0.7
143	12/20/2014 21:31:04	12.74	40.64	25.98	8.86	7.94	22.0	2.990	98.3	3.2	1.3	0.8
144	12/20/2014 21:46:05	12.83	40.93	26.19	8.87	7.96	25.0	3.047	98.8	2.9	1.2	0.7
145	12/20/2014 22:01:04	12.97	41.41	26.53	8.88	7.97	25.0	3.155	99.4	2.6	1.0	0.6
146	12/20/2014 22:16:04	13.14	42.05	26.98	8.88	7.99	25.8	3.233	100.0	3.1	1.2	0.7
147	12/20/2014 22:31:04	13.31	42.70	27.45	8.97	8.01	28.0	3.318	101.7	3.3	1.3	0.8
148	12/20/2014 22:46:04	13.44	43.16	27.78	9.03	8.02	29.5	3.370	102.8	2.5	1.0	0.6
149	12/20/2014 23:01:04	13.56	43.58	28.08	9.10	8.03	23.9	3.422	104.0	2.7	1.1	0.6
150	12/20/2014 23:16:04	13.75	44.17	28.51	9.17	8.05	26.7	3.482	105.5	2.8	1.1	0.7
151	12/20/2014 23:31:04	13.81	44.36	28.65	9.15	8.06	16.6	3.483	105.6	1.8	0.7	0.4
152	12/20/2014 23:46:04	13.85	44.44	28.71	9.09	8.06	11.8	3.529	105.0	2.3	0.9	0.5
153	12/21/2014 00:01:04	13.84	44.43	28.70	9.15	8.06	16.0	3.523	105.7	2.5	1.0	0.6
154	12/21/2014 00:16:04	13.85	44.49	28.75	9.12	8.06	17.1	3.500	105.4	2.4	1.0	0.6
155	12/21/2014 00:31:04	13.57	43.24	27.85	9.08	8.04	16.1	3.434	103.8	2.6	1.0	0.6
156	12/21/2014 00:46:04	12.98	40.88	26.15	8.89	7.97	11.9	3.376	99.3	2.4	1.0	0.6
157	12/21/2014 01:01:04	13.07	41.39	26.52	8.76	7.98	18.1	3.329	98.3	3.1	1.2	0.7
158	12/21/2014 01:16:04	12.97	41.12	26.32	8.83	7.97	17.2	3.254	98.7	2.6	1.0	0.6
159	12/21/2014 01:31:04	12.90	40.87	26.15	8.81	7.95	12.2	3.192	98.2	2.7	1.1	0.6
160	12/21/2014 01:46:04	12.76	40.01	25.54	8.74	7.93	11.1	3.138	96.7	2.9	1.2	0.7
161	12/21/2014 02:01:04	12.78	40.31	25.75	8.69	7.93	11.7	3.067	96.4	3.1	1.2	0.7
162	12/21/2014 02:16:04	12.76	40.04	25.55	8.72	7.92	11.1	2.978	96.5	3.3	1.3	0.8
163	12/21/2014 02:31:04	12.78	40.20	25.67	8.73	7.93	9.7	2.916	96.8	2.8	1.1	0.7
164	12/21/2014 02:46:04	12.78	39.88	25.44	8.70	7.92	10.1	2.877	96.3	3.2	1.3	0.8
165	12/21/2014 03:01:04	12.77	39.79	25.38	8.70	7.92	10.1	2.814	96.2	2.8	1.1	0.7
166	12/21/2014 03:16:04	12.81	39.85	25.42	8.72	7.92	9.7	2.744	96.6	2.8	1.1	0.7
167	12/21/2014 03:31:05	12.75	39.74	25.34	8.73	7.92	10.0	2.713	96.5	2.8	1.1	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
168	12/21/2014 03:46:05	12.70	39.68	25.30	8.72	7.92	10.3	2.674	96.3	2.7	1.1	0.6
169	12/21/2014 04:01:05	12.67	39.69	25.31	8.69	7.91	9.5	2.661	95.8	3.0	1.2	0.7
170	12/21/2014 04:16:05	12.65	39.66	25.28	8.68	7.91	7.9	2.622	95.7	2.8	1.1	0.7
171	12/21/2014 04:31:05	12.69	39.80	25.39	8.64	7.91	8.9	2.601	95.4	3.2	1.3	0.8
172	12/21/2014 04:46:04	12.68	39.57	25.22	8.70	7.91	9.2	2.590	96.0	2.8	1.1	0.7
173	12/21/2014 05:01:05	12.68	39.62	25.26	8.73	7.91	8.9	2.612	96.4	2.7	1.1	0.6
174	12/21/2014 05:16:05	12.74	39.91	25.46	8.71	7.92	9.6	2.638	96.3	2.5	1.0	0.6
175	12/21/2014 05:31:05	12.69	39.86	25.43	8.74	7.92	11.4	2.669	96.5	2.9	1.2	0.7
176	12/21/2014 05:46:04	12.72	40.06	25.57	8.73	7.92	11.0	2.723	96.6	3.0	1.2	0.7
177	12/21/2014 06:01:04	12.78	40.25	25.70	8.74	7.93	18.6	2.805	97.0	3.0	1.2	0.7
178	12/21/2014 06:16:04	12.73	39.55	25.21	8.77	7.92	12.8	2.886	96.8	2.7	1.1	0.6
179	12/21/2014 06:31:04	12.84	39.97	25.51	8.80	7.93	14.3	2.957	97.6	2.5	1.0	0.6
180	12/21/2014 06:46:04	12.95	39.92	25.47	8.83	7.94	12.5	3.037	98.1	3.1	1.2	0.7
181	12/21/2014 07:01:04	13.01	39.71	25.33	8.89	7.95	13.3	3.132	98.9	2.9	1.2	0.7
182	12/21/2014 07:16:04	13.02	40.26	25.71	8.91	7.96	13.7	3.214	99.3	2.6	1.0	0.6
183	12/21/2014 07:31:04	13.16	40.12	25.62	8.93	7.97	13.4	3.324	99.8	2.6	1.0	0.6
184	12/21/2014 07:46:04	13.32	40.35	25.79	8.96	7.99	15.5	3.425	100.6	3.1	1.2	0.7
185	12/21/2014 08:01:04	13.50	41.64	26.70	9.00	8.02	18.6	3.538	102.0	2.5	1.0	0.6
186	12/21/2014 08:16:04	13.72	43.58	28.09	9.03	8.04	26.7	3.609	103.7	2.3	0.9	0.5
187	12/21/2014 08:31:04	13.80	43.83	28.27	9.03	8.05	23.1	3.723	103.9	2.5	1.0	0.6
188	12/21/2014 08:46:04	13.87	43.90	28.32	9.04	8.06	33.9	3.828	104.2	2.8	1.1	0.7
189	12/21/2014 09:01:04	13.95	44.11	28.48	9.07	8.07	22.1	3.917	104.8	2.2	0.9	0.5
190	12/21/2014 09:16:04	14.04	44.38	28.67	9.02	8.07	29.6	4.009	104.6	3.0	1.2	0.7
191	12/21/2014 09:31:04	14.14	44.72	28.92	9.01	8.08	26.6	4.076	104.9	2.3	0.9	0.5
192	12/21/2014 09:46:04	14.19	44.97	29.10	9.05	8.09	21.1	4.132	105.5	2.2	0.9	0.5
193	12/21/2014 10:01:04	14.22	45.09	29.19	9.02	8.09	17.1	4.197	105.3	2.2	0.9	0.5
194	12/21/2014 10:16:04	14.25	45.22	29.28	9.06	8.09	16.4	4.234	105.9	2.2	0.9	0.5
195	12/21/2014 10:31:04	14.27	45.34	29.36	9.05	8.09	13.1	4.270	105.9	1.8	0.7	0.4
196	12/21/2014 10:46:04	14.27	45.32	29.35	8.96	8.09	13.0	4.257	104.9	2.0	0.8	0.5
197	12/21/2014 11:01:04	14.25	45.26	29.31	9.00	8.09	13.9	4.241	105.2	1.6	0.6	0.4
198	12/21/2014 11:16:04	14.21	45.02	29.13	8.99	8.08	15.2	4.187	104.9	1.8	0.7	0.4
199	12/21/2014 11:31:04	13.91	43.88	28.31	8.94	8.06	13.2	4.127	103.2	2.0	0.8	0.5
200	12/21/2014 11:46:04	13.87	43.13	27.77	8.96	8.04	11.9	4.046	103.0	1.9	0.8	0.5
201	12/21/2014 12:01:04	13.59	41.37	26.52	8.95	8.01	11.2	3.937	101.4	2.3	0.9	0.5
202	12/21/2014 12:16:04	13.59	40.83	26.14	8.96	8.00	10.3	3.843	101.3	2.9	1.2	0.7
203	12/21/2014 12:31:04	13.45	39.63	25.28	8.92	7.97	9.6	3.728	100.0	2.3	0.9	0.5
204	12/21/2014 12:46:04	13.40	40.25	25.72	8.88	7.97	9.8	3.606	99.8	2.5	1.0	0.6
205	12/21/2014 13:01:04	13.38	40.41	25.83	8.86	7.97	9.9	3.485	99.5	2.6	1.0	0.6
206	12/21/2014 13:16:04	13.37	40.36	25.80	8.82	7.97	10.4	3.373	99.1	2.8	1.1	0.7
207	12/21/2014 13:31:04	13.36	40.19	25.68	8.83	7.96	11.0	3.236	99.1	2.3	0.9	0.5
208	12/21/2014 13:46:04	13.29	39.91	25.48	8.81	7.95	14.0	3.116	98.6	3.0	1.2	0.7
209	12/21/2014 14:01:04	13.26	39.75	25.36	8.82	7.95	16.4	2.969	98.6	3.0	1.2	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
210	12/21/2014 14:16:04	13.37	40.53	25.92	8.83	7.96	12.2	2.815	99.2	2.7	1.1	0.6
211	12/21/2014 14:31:05	13.31	40.41	25.83	8.84	7.97	11.2	2.680	99.2	2.4	1.0	0.6
212	12/21/2014 14:46:04	13.10	39.70	25.33	8.80	7.93	13.1	2.537	98.0	2.9	1.2	0.7
213	12/21/2014 15:01:04	13.09	39.72	25.34	8.79	7.93	12.3	2.371	97.9	2.9	1.2	0.7
214	12/21/2014 15:16:04	13.07	39.59	25.25	8.75	7.92	14.5	2.263	97.4	3.3	1.3	0.8
215	12/21/2014 15:31:04	13.04	39.44	25.14	8.74	7.91	18.5	2.113	97.2	2.9	1.2	0.7
216	12/21/2014 15:46:05	12.91	39.01	24.83	8.67	7.89	19.4	1.957	95.9	3.8	1.5	0.9
217	12/21/2014 16:01:04	12.97	39.08	24.89	8.68	7.90	17.2	1.825	96.2	3.3	1.3	0.8
218	12/21/2014 16:16:05	12.82	38.51	24.48	8.65	7.87	17.0	1.686	95.2	3.8	1.5	0.9
219	12/21/2014 16:31:04	12.79	38.28	24.32	8.61	7.86	16.6	1.546	94.7	3.4	1.4	0.8
220	12/21/2014 16:46:04	12.74	37.97	24.10	8.56	7.84	15.8	1.461	93.9	3.2	1.3	0.8
221	12/21/2014 17:01:04	12.72	37.83	24.00	8.57	7.84	15.6	1.354	93.9	3.7	1.5	0.9
222	12/21/2014 17:16:05	12.72	37.74	23.94	8.54	7.83	15.7	1.278	93.5	3.6	1.4	0.8
223	12/21/2014 17:31:04	12.74	37.75	23.95	8.51	7.83	14.7	1.278	93.3	3.6	1.4	0.8
224	12/21/2014 17:46:05	12.73	37.80	23.98	8.57	7.84	14.7	1.275	93.9	3.2	1.3	0.8
225	12/21/2014 18:01:04	12.73	37.89	24.05	8.57	7.84	13.3	1.337	94.0	3.1	1.2	0.7
226	12/21/2014 18:16:04	12.73	37.92	24.07	8.58	7.84	12.5	1.397	94.1	2.7	1.1	0.6
227	12/21/2014 18:31:05	12.73	37.77	23.96	8.58	7.84	12.3	1.467	94.0	3.2	1.3	0.8
228	12/21/2014 18:46:05	12.74	37.65	23.88	8.58	7.84	14.2	1.590	94.0	3.2	1.3	0.8
229	12/21/2014 19:01:04	12.74	36.83	23.30	8.60	7.82	18.6	1.679	93.9	3.3	1.3	0.8
230	12/21/2014 19:16:04	12.74	36.85	23.32	8.60	7.82	23.3	1.767	93.9	3.5	1.4	0.8
231	12/21/2014 19:31:04	12.76	36.78	23.27	8.60	7.82	21.7	1.862	93.9	4.1	1.6	1.0
232	12/21/2014 19:46:04	12.77	37.03	23.44	8.60	7.83	20.0	1.964	94.0	3.7	1.5	0.9
233	12/21/2014 20:01:04	12.79	37.02	23.44	8.61	7.83	20.6	2.059	94.1	3.7	1.5	0.9
234	12/21/2014 20:16:04	12.87	37.12	23.51	8.65	7.85	23.6	2.177	94.8	4.3	1.7	1.0
235	12/21/2014 20:31:04	12.90	37.14	23.53	8.68	7.86	26.6	2.273	95.2	4.1	1.6	1.0
236	12/21/2014 20:46:04	12.91	36.45	23.05	8.68	7.85	25.5	2.367	94.9	4.4	1.8	1.1
237	12/21/2014 21:01:05	12.93	37.51	23.79	8.69	7.87	25.6	2.494	95.6	3.7	1.5	0.9
238	12/21/2014 21:16:04	12.96	37.48	23.77	8.71	7.87	26.7	2.591	95.8	3.6	1.4	0.9
239	12/21/2014 21:31:04	12.99	37.58	23.83	8.72	7.88	23.3	2.682	96.0	4.1	1.6	1.0
240	12/21/2014 21:46:05	13.04	38.75	24.66	8.72	7.90	28.0	2.792	96.6	3.8	1.5	0.9
241	12/21/2014 22:01:04	13.08	39.03	24.86	8.73	7.91	27.7	2.884	96.9	4.3	1.7	1.0
242	12/21/2014 22:16:04	13.12	39.11	24.91	8.73	7.92	35.4	2.972	97.1	4.1	1.6	1.0
243	12/21/2014 22:31:04	13.19	39.31	25.05	8.75	7.93	48.9	3.064	97.4	4.1	1.6	1.0
244	12/21/2014 22:46:05	13.42	40.25	25.72	8.78	7.96	45.2	3.156	98.6	3.8	1.5	0.9
245	12/21/2014 23:01:04	13.60	40.90	26.18	8.83	7.98	37.2	3.269	99.9	3.4	1.4	0.8
246	12/21/2014 23:16:04	13.74	41.32	26.49	8.89	8.00	47.9	3.334	101.0	3.7	1.5	0.9
247	12/21/2014 23:31:04	13.81	41.60	26.68	8.90	8.01	47.7	3.418	101.4	3.2	1.3	0.8
248	12/21/2014 23:46:05	13.90	42.02	26.99	8.89	8.02	37.1	3.485	101.7	3.2	1.3	0.8
249	12/22/2014 00:01:04	13.97	42.43	27.28	8.90	8.03	23.9	3.509	102.1	3.1	1.2	0.7
250	12/22/2014 00:16:04	14.00	42.54	27.36	8.88	8.04	17.1	3.541	102.0	2.8	1.1	0.7
251	12/22/2014 00:31:04	13.95	42.31	27.19	8.82	8.03	17.8	3.564	101.2	2.7	1.1	0.6

sonde #2		Indian Island Long-Term Deployment								Water Quality Data		
			SpCond		DO Conc		Turbidity+	Depth		Chlorophyll	Corrected Chlorophyll	Fluorescence
Sample #	Date & Time	Temp C	mS/cm	Salinity ppt	mg/L	pH	NTU	meters	DO%	ug/L	(Corrected ratio = 0.40)	%FS
252	12/22/2014 00:46:04	13.97	42.37	27.24	8.82	8.04	18.5	3.562	101.2	2.5	1.0	0.6
253	12/22/2014 01:01:04	14.00	42.60	27.40	8.82	8.04	19.6	3.506	101.4	2.9	1.2	0.7
254	12/22/2014 01:16:04	13.91	42.10	27.04	8.83	8.02	22.9	3.457	101.1	3.0	1.2	0.7
255	12/22/2014 01:31:04	13.72	40.73	26.07	8.77	7.99	23.4	3.405	99.4	2.7	1.1	0.6
256	12/22/2014 01:46:04	13.25	36.30	22.95	8.62	7.88	29.1	3.347	94.8	4.6	1.8	1.1
257	12/22/2014 02:01:05	13.43	38.29	24.34	8.77	7.95	27.5	3.280	97.8	3.9	1.6	0.9
258	12/22/2014 02:16:04	13.24	35.79	22.60	8.65	7.88	22.4	3.199	95.0	3.7	1.5	0.9
259	12/22/2014 02:31:04	13.07	34.05	21.39	8.55	7.81	20.3	3.125	92.9	4.3	1.7	1.0
260	12/22/2014 02:46:04	13.08	33.92	21.30	8.54	7.80	20.5	3.056	92.7	4.5	1.8	1.1
261	12/22/2014 03:01:04	13.23	37.59	23.85	8.60	7.89	21.7	2.964	95.1	3.6	1.4	0.8
262	12/22/2014 03:16:05	13.21	38.09	24.20	8.63	7.90	20.4	2.893	95.6	3.8	1.5	0.9
263	12/22/2014 03:31:05	13.21	37.90	24.06	8.61	7.90	15.8	2.848	95.3	3.2	1.3	0.8
264	12/22/2014 03:46:04	13.19	37.86	24.04	8.59	7.89	15.0	2.788	95.1	3.6	1.4	0.8
265	12/22/2014 04:01:05	13.18	38.00	24.13	8.60	7.89	15.0	2.723	95.2	3.5	1.4	0.8
266	12/22/2014 04:16:04	13.16	37.66	23.89	8.56	7.89	13.6	2.672	94.7	3.6	1.4	0.9
267	12/22/2014 04:31:04	13.10	36.32	22.96	8.56	7.86	13.8	2.635	93.9	3.7	1.5	0.9
268	12/22/2014 04:46:04	13.06	35.51	22.39	8.50	7.83	15.0	2.622	92.9	4.4	1.8	1.0
269	12/22/2014 05:01:05	13.05	36.33	22.97	8.46	7.84	12.3	2.578	92.8	3.3	1.3	0.8
270	12/22/2014 05:16:04	13.02	35.64	22.48	8.46	7.82	12.2	2.589	92.4	3.7	1.5	0.9
271	12/22/2014 05:31:04	13.12	35.78	22.58	8.52	7.84	17.6	2.589	93.3	3.8	1.5	0.9
272	12/22/2014 05:46:04	13.08	35.55	22.42	8.54	7.83	14.9	2.597	93.3	4.0	1.6	1.0
273	12/22/2014 06:01:04	13.06	35.75	22.56	8.54	7.83	14.3	2.617	93.4	4.1	1.6	1.0
274	12/22/2014 06:16:04	13.13	37.01	23.44	8.53	7.86	14.4	2.674	94.0	3.3	1.3	0.8
275	12/22/2014 06:31:04	13.20	37.45	23.75	8.58	7.88	30.8	2.722	94.8	3.7	1.5	0.9
276	12/22/2014 06:46:04	13.26	37.92	24.08	8.59	7.89	28.4	2.769	95.3	4.1	1.6	1.0
277	12/22/2014 07:01:04	13.30	37.74	23.95	8.62	7.90	26.3	2.848	95.6	4.5	1.8	1.1
278	12/22/2014 07:16:05	13.31	37.17	23.55	8.65	7.90	22.3	2.928	95.7	3.6	1.4	0.8
279	12/22/2014 07:31:04	13.27	36.73	23.25	8.65	7.88	17.3	3.005	95.4	3.9	1.6	0.9
280	12/22/2014 07:46:04	13.27	37.34	23.67	8.66	7.89	21.3	3.102	95.8	3.8	1.5	0.9
281	12/22/2014 08:01:04	13.33	37.09	23.50	8.67	7.90	19.2	3.200	95.9	3.7	1.5	0.9
282	12/22/2014 08:16:04	13.46	37.99	24.13	8.69	7.93	20.3	3.291	96.8	3.8	1.5	0.9
283	12/22/2014 08:31:04	13.55	38.32	24.36	8.67	7.94	23.1	3.395	96.8	4.3	1.7	1.0
284	12/22/2014 08:46:04	13.78	39.92	25.49	8.69	7.99	35.4	3.500	98.3	3.6	1.4	0.8
285	12/22/2014 09:01:04	13.97	41.48	26.60	8.72	8.03	45.5	3.609	99.7	3.7	1.5	0.9
286	12/22/2014 09:16:04	14.11	42.78	27.53	8.74	8.05	51.3	3.715	100.8	3.5	1.4	0.8
287	12/22/2014 09:31:04	14.18	43.27	27.88	8.72	8.06	68.4	3.795	100.9	4.3	1.7	1.0
288	12/22/2014 09:46:04	14.23	43.51	28.06	8.72	8.06	56.9	3.909	101.1	4.0	1.6	0.9
289	12/22/2014 10:01:04	14.28	43.71	28.20	8.70	8.07	33.9	3.986	101.1	2.9	1.2	0.7
290	12/22/2014 10:16:04	14.31	43.80	28.26	8.70	8.07	22.7	4.062	101.2	2.5	1.0	0.6
291	12/22/2014 10:31:04	14.37	44.18	28.54	8.72	8.08	30.2	4.139	101.6	2.9	1.2	0.7
292	12/22/2014 10:46:04	14.40	44.35	28.66	8.70	8.09	21.6	4.187	101.6	3.0	1.2	0.7
293	12/22/2014 11:01:04	14.43	44.51	28.77	8.70	8.09	18.5	4.218	101.8	2.4	1.0	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
294	12/22/2014 11:16:04	14.44	44.61	28.84	8.68	8.09	16.1	4.255	101.5	2.0	0.8	0.5
295	12/22/2014 11:31:04	14.42	44.50	28.77	8.57	8.08	13.7	4.254	100.2	2.1	0.8	0.5
296	12/22/2014 11:46:04	14.44	44.64	28.87	8.62	8.09	17.3	4.223	100.9	2.3	0.9	0.5
297	12/22/2014 12:01:04	14.43	44.65	28.87	8.66	8.09	17.2	4.173	101.3	2.2	0.9	0.5
298	12/22/2014 12:16:04	14.39	44.21	28.56	8.66	8.08	19.8	4.099	101.0	2.3	0.9	0.5
299	12/22/2014 12:31:04	13.96	40.55	25.94	8.61	8.01	26.0	4.005	98.0	3.4	1.4	0.8
300	12/22/2014 12:46:04	13.77	38.88	24.76	8.56	7.95	17.0	3.914	96.3	3.2	1.3	0.8
301	12/22/2014 13:01:04	13.89	39.02	24.86	8.58	7.97	19.2	3.804	96.8	3.6	1.4	0.8
302	12/22/2014 13:16:04	13.87	38.07	24.20	8.61	7.97	17.7	3.668	96.7	3.4	1.4	0.8
303	12/22/2014 13:31:04	14.01	39.46	25.18	8.65	8.01	20.6	3.547	98.1	3.4	1.4	0.8
304	12/22/2014 13:46:04	13.96	39.44	25.16	8.61	8.00	23.0	3.429	97.5	3.4	1.4	0.8
305	12/22/2014 14:01:05	13.86	39.16	24.96	8.61	7.98	32.1	3.293	97.2	3.8	1.5	0.9
306	12/22/2014 14:16:04	13.70	37.86	24.05	8.57	7.94	37.8	3.154	95.9	4.0	1.6	0.9
307	12/22/2014 14:31:04	13.62	38.02	24.15	8.52	7.92	33.3	3.010	95.3	4.1	1.6	1.0
308	12/22/2014 14:46:04	13.57	37.50	23.79	8.49	7.90	34.1	2.867	94.6	3.7	1.5	0.9
309	12/22/2014 15:01:04	13.60	37.04	23.47	8.47	7.89	28.8	2.720	94.2	3.7	1.5	0.9
310	12/22/2014 15:16:05	13.56	36.90	23.37	8.47	7.88	20.8	2.560	94.1	3.8	1.5	0.9
311	12/22/2014 15:31:05	13.58	36.57	23.14	8.49	7.88	23.3	2.410	94.2	3.7	1.5	0.9
312	12/22/2014 15:46:04	13.63	36.57	23.15	8.48	7.87	22.0	2.266	94.2	4.1	1.6	1.0
313	12/22/2014 16:01:04	13.57	35.74	22.56	8.48	7.85	28.1	2.115	93.7	4.3	1.7	1.0
314	12/22/2014 16:16:04	13.57	35.96	22.72	8.45	7.85	33.3	1.972	93.5	4.4	1.8	1.0
315	12/22/2014 16:31:04	13.53	35.85	22.64	8.45	7.85	32.2	1.813	93.3	4.5	1.8	1.1
316	12/22/2014 16:46:04	13.40	35.38	22.31	8.37	7.82	29.7	1.639	92.0	4.8	1.9	1.1
317	12/22/2014 17:01:04	13.27	34.77	21.88	8.29	7.78	30.8	1.514	90.7	4.8	1.9	1.1
318	12/22/2014 17:16:04	13.22	34.53	21.72	8.21	7.76	25.3	1.378	89.7	4.1	1.6	1.0
319	12/22/2014 17:31:04	13.22	34.27	21.54	8.18	7.75	22.2	1.249	89.2	4.6	1.8	1.1
320	12/22/2014 17:46:04	13.24	34.01	21.36	8.15	7.74	28.0	1.162	88.9	4.0	1.6	1.0
321	12/22/2014 18:01:04	13.24	34.27	21.54	8.13	7.74	28.1	1.141	88.7	4.0	1.6	0.9
322	12/22/2014 18:16:04	13.23	34.17	21.47	8.15	7.74	25.5	1.112	88.9	4.4	1.8	1.0
323	12/22/2014 18:31:04	13.22	34.37	21.61	8.17	7.75	19.6	1.193	89.2	4.6	1.8	1.1
324	12/22/2014 18:46:04	13.22	34.43	21.65	8.19	7.75	16.7	1.261	89.3	4.6	1.8	1.1
325	12/22/2014 19:01:04	13.22	34.42	21.65	8.21	7.75	14.6	1.332	89.6	4.1	1.6	1.0
326	12/22/2014 19:16:04	13.21	33.96	21.33	8.19	7.74	15.6	1.417	89.1	4.2	1.7	1.0
327	12/22/2014 19:31:04	13.21	33.56	21.05	8.21	7.73	16.5	1.526	89.3	3.8	1.5	0.9
328	12/22/2014 19:46:04	13.23	33.80	21.22	8.22	7.74	17.7	1.622	89.4	4.1	1.6	1.0
329	12/22/2014 20:01:05	13.26	33.82	21.23	8.23	7.74	19.6	1.709	89.6	3.8	1.5	0.9
330	12/22/2014 20:16:04	13.28	34.03	21.38	8.24	7.75	17.3	1.797	89.9	4.0	1.6	0.9
331	12/22/2014 20:31:05	13.38	34.67	21.82	8.30	7.79	24.1	1.918	90.9	4.5	1.8	1.1
332	12/22/2014 20:46:04	13.43	35.33	22.28	8.32	7.81	24.9	2.037	91.6	4.5	1.8	1.1
333	12/22/2014 21:01:04	13.45	35.53	22.41	8.33	7.82	24.4	2.135	91.8	4.6	1.8	1.1
334	12/22/2014 21:16:04	13.48	36.31	22.96	8.35	7.84	31.6	2.245	92.4	4.7	1.9	1.1
335	12/22/2014 21:31:04	13.47	36.31	22.96	8.34	7.84	26.0	2.363	92.3	4.0	1.6	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
336	12/22/2014 21:46:04	13.49	36.76	23.27	8.35	7.85	26.0	2.490	92.5	4.3	1.7	1.0
337	12/22/2014 22:01:04	13.54	36.97	23.42	8.38	7.87	34.6	2.592	93.1	4.3	1.7	1.0
338	12/22/2014 22:16:04	13.58	37.08	23.49	8.40	7.88	39.4	2.691	93.4	4.8	1.9	1.1
339	12/22/2014 22:31:04	13.60	37.06	23.49	8.38	7.88	37.7	2.800	93.3	4.3	1.7	1.0
340	12/22/2014 22:46:04	13.64	37.21	23.59	8.42	7.89	41.9	2.911	93.8	4.4	1.8	1.1
341	12/22/2014 23:01:04	13.70	37.86	24.05	8.41	7.91	91.2	2.997	94.1	5.4	2.2	1.3
342	12/22/2014 23:16:05	13.89	39.04	24.88	8.51	7.95	100.4	3.091	96.1	5.6	2.2	1.3
343	12/22/2014 23:31:04	14.01	39.88	25.47	8.59	7.97	72.5	3.196	97.6	4.8	1.9	1.1
344	12/22/2014 23:46:04	14.08	40.51	25.91	8.60	7.99	61.1	3.285	98.1	4.3	1.7	1.0
345	12/23/2014 00:01:04	14.15	41.12	26.35	8.63	8.00	57.0	3.356	98.9	4.1	1.6	1.0
346	12/23/2014 00:16:04	14.25	41.91	26.91	8.66	8.03	37.1	3.441	99.8	3.7	1.5	0.9
347	12/23/2014 00:31:04	14.34	42.64	27.44	8.69	8.04	56.1	3.495	100.7	4.0	1.6	1.0
348	12/23/2014 00:46:04	14.37	42.88	27.61	8.69	8.05	26.9	3.548	100.7	3.3	1.3	0.8
349	12/23/2014 01:01:04	14.43	43.35	27.94	8.73	8.06	15.8	3.565	101.6	2.7	1.1	0.6
350	12/23/2014 01:16:04	14.39	43.11	27.77	8.65	8.06	20.6	3.582	100.4	3.0	1.2	0.7
351	12/23/2014 01:31:04	14.42	43.29	27.90	8.70	8.06	19.0	3.572	101.1	2.4	1.0	0.6
352	12/23/2014 01:46:04	14.39	43.05	27.73	8.67	8.06	17.1	3.525	100.7	2.4	1.0	0.6
353	12/23/2014 02:01:04	13.84	38.70	24.64	8.45	7.94	21.3	3.476	95.2	3.5	1.4	0.8
354	12/23/2014 02:16:04	13.76	37.93	24.09	8.35	7.91	21.9	3.401	93.6	3.7	1.5	0.9
355	12/23/2014 02:31:04	13.69	37.54	23.82	8.37	7.90	20.8	3.322	93.5	3.2	1.3	0.8
356	12/23/2014 02:46:04	13.76	38.03	24.16	8.39	7.91	14.8	3.242	94.1	3.9	1.6	0.9
357	12/23/2014 03:01:04	13.73	37.49	23.79	8.39	7.90	13.7	3.154	93.8	3.3	1.3	0.8
358	12/23/2014 03:16:04	13.75	37.78	23.99	8.34	7.90	13.1	3.077	93.4	3.6	1.4	0.9
359	12/23/2014 03:31:05	13.70	37.36	23.70	8.34	7.89	13.7	2.995	93.1	3.4	1.4	0.8
360	12/23/2014 03:46:04	13.70	37.21	23.59	8.34	7.89	13.3	2.908	93.1	3.6	1.4	0.9
361	12/23/2014 04:01:04	13.70	37.36	23.70	8.33	7.89	11.6	2.830	93.0	3.3	1.3	0.8
362	12/23/2014 04:16:04	13.66	36.95	23.41	8.31	7.88	11.9	2.761	92.5	3.8	1.5	0.9
363	12/23/2014 04:31:04	13.60	36.39	23.02	8.29	7.86	11.2	2.702	92.0	3.3	1.3	0.8
364	12/23/2014 04:46:04	13.63	36.90	23.37	8.25	7.87	11.2	2.640	91.8	3.4	1.4	0.8
365	12/23/2014 05:01:05	13.59	36.61	23.17	8.25	7.86	10.4	2.585	91.6	3.6	1.4	0.8
366	12/23/2014 05:16:05	13.55	36.28	22.94	8.22	7.84	10.6	2.544	91.1	3.5	1.4	0.8
367	12/23/2014 05:31:05	13.51	35.91	22.68	8.20	7.83	10.9	2.502	90.6	3.4	1.4	0.8
368	12/23/2014 05:46:05	13.48	35.58	22.45	8.19	7.82	10.8	2.479	90.3	3.5	1.4	0.8
369	12/23/2014 06:01:05	13.47	35.33	22.28	8.16	7.82	10.4	2.458	89.9	3.6	1.4	0.9
370	12/23/2014 06:16:05	13.49	35.50	22.40	8.16	7.81	10.8	2.457	90.0	3.7	1.5	0.9
371	12/23/2014 06:31:05	13.52	35.93	22.69	8.23	7.83	10.0	2.478	91.0	3.8	1.5	0.9
372	12/23/2014 06:46:05	13.56	36.23	22.90	8.24	7.84	11.6	2.493	91.3	3.9	1.6	0.9
373	12/23/2014 07:01:04	13.69	37.34	23.68	8.29	7.88	17.3	2.536	92.5	3.4	1.4	0.8
374	12/23/2014 07:16:05	13.64	36.84	23.33	8.26	7.86	15.7	2.599	91.9	3.6	1.4	0.8
375	12/23/2014 07:31:04	13.63	36.66	23.20	8.28	7.86	27.7	2.655	92.0	4.2	1.7	1.0
376	12/23/2014 07:46:04	13.60	36.12	22.83	8.28	7.84	17.3	2.725	91.7	4.1	1.6	1.0
377	12/23/2014 08:01:04	13.68	37.01	23.45	8.32	7.87	15.6	2.816	92.7	3.5	1.4	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
378	12/23/2014 08:16:04	13.69	36.66	23.21	8.32	7.87	16.4	2.898	92.6	3.9	1.6	0.9
379	12/23/2014 08:31:04	13.73	37.46	23.77	8.37	7.89	18.3	2.991	93.5	3.6	1.4	0.8
380	12/23/2014 08:46:04	13.74	37.91	24.08	8.40	7.91	20.3	3.090	94.1	3.8	1.5	0.9
381	12/23/2014 09:01:04	13.80	38.35	24.39	8.44	7.92	16.9	3.204	94.8	3.5	1.4	0.8
382	12/23/2014 09:16:04	13.83	38.12	24.23	8.46	7.93	15.7	3.309	95.0	3.8	1.5	0.9
383	12/23/2014 09:31:05	13.96	39.28	25.05	8.48	7.96	15.8	3.408	96.0	3.3	1.3	0.8
384	12/23/2014 09:46:04	14.18	41.61	26.70	8.57	8.02	21.6	3.510	98.4	3.2	1.3	0.8
385	12/23/2014 10:01:04	14.33	42.70	27.48	8.60	8.04	46.9	3.620	99.6	3.6	1.4	0.9
386	12/23/2014 10:16:04	14.34	42.88	27.61	8.55	8.05	41.6	3.720	99.1	2.9	1.2	0.7
387	12/23/2014 10:31:04	14.41	43.57	28.10	8.57	8.06	36.9	3.837	99.7	3.5	1.4	0.8
388	12/23/2014 10:46:04	14.44	43.90	28.34	8.57	8.07	30.2	3.906	99.9	2.3	0.9	0.5
389	12/23/2014 11:01:04	14.47	44.22	28.57	8.58	8.07	32.3	3.972	100.2	2.6	1.0	0.6
390	12/23/2014 11:16:04	14.51	44.57	28.82	8.58	8.08	24.7	4.046	100.5	2.4	1.0	0.6
391	12/23/2014 11:31:04	14.53	44.80	28.99	8.57	8.08	18.1	4.101	100.6	2.3	0.9	0.6
392	12/23/2014 11:46:04	14.55	44.97	29.11	8.55	8.09	14.3	4.133	100.5	1.9	0.8	0.4
393	12/23/2014 12:01:04	14.57	45.01	29.14	8.51	8.09	11.2	4.164	100.0	1.8	0.7	0.4
394	12/23/2014 12:16:04	14.55	44.84	29.01	8.43	8.08	9.9	4.162	99.0	2.4	1.0	0.6
395	12/23/2014 12:31:04	14.57	45.13	29.22	8.45	8.09	12.5	4.141	99.4	1.4	0.6	0.3
396	12/23/2014 12:46:04	14.56	45.06	29.17	8.46	8.09	13.7	4.086	99.4	1.9	0.8	0.5
397	12/23/2014 13:01:04	14.52	44.55	28.81	8.47	8.08	15.5	4.010	99.3	1.8	0.7	0.4
398	12/23/2014 13:16:04	14.26	41.22	26.42	8.43	8.02	17.0	3.943	96.9	2.8	1.1	0.7
399	12/23/2014 13:31:04	14.29	40.94	26.23	8.47	8.03	15.5	3.826	97.3	2.8	1.1	0.7
400	12/23/2014 13:46:04	14.28	41.07	26.32	8.49	8.04	22.1	3.707	97.4	2.4	1.0	0.6
401	12/23/2014 14:01:04	14.18	39.56	25.25	8.39	8.01	17.5	3.602	95.5	3.3	1.3	0.8
402	12/23/2014 14:16:04	14.04	38.22	24.31	8.34	7.93	13.9	3.477	94.1	3.0	1.2	0.7
403	12/23/2014 14:31:04	14.10	39.00	24.85	8.33	7.96	18.0	3.324	94.4	3.4	1.4	0.8
404	12/23/2014 14:46:04	14.08	39.17	24.97	8.30	7.95	24.7	3.205	94.2	3.7	1.5	0.9
405	12/23/2014 15:01:04	14.01	38.70	24.64	8.37	7.95	28.8	3.069	94.5	3.7	1.5	0.9
406	12/23/2014 15:16:04	14.00	38.96	24.82	8.34	7.95	25.5	2.919	94.3	3.1	1.2	0.7
407	12/23/2014 15:31:04	13.96	38.46	24.47	8.29	7.92	14.0	2.774	93.5	2.8	1.1	0.7
408	12/23/2014 15:46:05	14.00	38.86	24.76	8.26	7.93	16.6	2.629	93.4	3.5	1.4	0.8
409	12/23/2014 16:01:05	13.91	38.04	24.17	8.25	7.90	15.3	2.480	92.8	3.2	1.3	0.8
410	12/23/2014 16:16:05	13.83	37.32	23.67	8.24	7.88	22.2	2.333	92.2	3.6	1.4	0.8
411	12/23/2014 16:31:05	13.81	37.24	23.62	8.21	7.87	20.5	2.158	91.8	4.0	1.6	0.9
412	12/23/2014 16:46:04	13.71	36.67	23.22	8.18	7.85	27.1	2.016	91.0	3.8	1.5	0.9
413	12/23/2014 17:01:04	13.65	36.22	22.90	8.10	7.82	28.1	1.860	89.9	4.2	1.7	1.0
414	12/23/2014 17:16:04	13.64	36.12	22.83	8.06	7.82	30.0	1.697	89.4	4.0	1.6	0.9
415	12/23/2014 17:31:05	13.56	35.36	22.30	7.97	7.78	30.7	1.551	87.9	4.0	1.6	1.0
416	12/23/2014 17:46:05	13.51	34.84	21.94	7.91	7.75	25.7	1.403	87.0	4.1	1.6	1.0
417	12/23/2014 18:01:04	13.48	34.47	21.68	7.85	7.73	33.0	1.265	86.2	4.4	1.8	1.0
418	12/23/2014 18:16:04	13.46	34.19	21.49	7.80	7.72	35.2	1.189	85.4	4.5	1.8	1.1
419	12/23/2014 18:31:04	13.45	34.08	21.42	7.75	7.71	30.5	1.086	84.9	4.4	1.8	1.0

sonde #2			Indian Island Long-Term Deployment							Water Quality Data		
			SpCond		DO Conc		Turbidity+	Depth		Chlorophyll	Corrected Chlorophyll	Fluorescence
Sample #	Date & Time	Temp C	mS/cm	Salinity ppt	mg/L	pH	NTU	meters	DO%	ug/L	(Corrected ratio = 0.40)	%FS
420	12/23/2014 18:46:04	13.44	34.15	21.46	7.79	7.71	31.4	1.038	85.3	4.5	1.8	1.1
421	12/23/2014 19:01:04	13.49	34.51	21.71	7.83	7.73	21.4	1.088	86.0	4.3	1.7	1.0
422	12/23/2014 19:16:04	13.51	34.76	21.88	7.83	7.74	19.5	1.098	86.1	4.1	1.6	1.0
423	12/23/2014 19:31:05	13.50	34.74	21.87	7.85	7.74	18.0	1.173	86.2	4.1	1.6	1.0
424	12/23/2014 19:46:04	13.51	34.82	21.92	7.88	7.75	15.6	1.306	86.7	3.6	1.4	0.9
425	12/23/2014 20:01:05	13.50	34.20	21.50	7.91	7.74	16.1	1.388	86.8	4.4	1.8	1.0
426	12/23/2014 20:16:05	13.52	34.10	21.43	7.93	7.73	14.8	1.466	86.9	3.9	1.6	0.9
427	12/23/2014 20:31:05	13.54	34.28	21.55	7.95	7.74	14.8	1.577	87.2	4.2	1.7	1.0
428	12/23/2014 20:46:05	13.56	34.57	21.75	7.95	7.75	15.3	1.671	87.4	4.5	1.8	1.1
429	12/23/2014 21:01:05	13.56	34.60	21.77	7.95	7.76	14.7	1.737	87.5	3.9	1.6	0.9
430	12/23/2014 21:16:05	13.65	35.21	22.20	8.03	7.79	17.1	1.840	88.7	4.0	1.6	1.0
431	12/23/2014 21:31:04	13.72	35.76	22.58	8.08	7.82	16.4	1.963	89.6	3.5	1.4	0.8
432	12/23/2014 21:46:05	13.79	36.30	22.96	8.11	7.84	20.5	2.088	90.3	4.0	1.6	1.0
433	12/23/2014 22:01:05	13.84	37.01	23.46	8.13	7.86	23.7	2.194	90.9	4.2	1.7	1.0
434	12/23/2014 22:16:05	13.85	37.37	23.71	8.13	7.87	24.8	2.315	91.1	4.3	1.7	1.0
435	12/23/2014 22:31:04	13.87	37.63	23.89	8.16	7.88	29.2	2.443	91.5	3.6	1.4	0.9
436	12/23/2014 22:46:04	13.88	37.72	23.95	8.18	7.88	26.9	2.546	91.8	3.7	1.5	0.9
437	12/23/2014 23:01:05	13.87	37.70	23.94	8.20	7.89	24.8	2.661	92.0	4.1	1.6	1.0
438	12/23/2014 23:16:05	13.87	37.63	23.89	8.24	7.89	34.1	2.768	92.4	4.0	1.6	1.0
439	12/23/2014 23:31:05	13.93	38.28	24.34	8.25	7.91	41.9	2.864	92.9	3.5	1.4	0.8
440	12/23/2014 23:46:05	14.01	39.15	24.96	8.33	7.94	40.5	2.991	94.3	3.6	1.4	0.9
441	12/24/2014 00:01:05	14.13	40.51	25.92	8.49	7.97	37.0	3.076	97.0	4.0	1.6	0.9
442	12/24/2014 00:16:05	14.17	41.06	26.31	8.50	7.99	33.8	3.171	97.4	3.5	1.4	0.8
443	12/24/2014 00:31:04	14.27	42.32	27.21	8.55	8.01	39.3	3.292	98.7	3.1	1.2	0.7
444	12/24/2014 00:46:04	14.41	44.24	28.58	8.59	8.04	73.1	3.369	100.3	4.1	1.6	1.0
445	12/24/2014 01:01:04	14.48	45.42	29.43	8.58	8.06	49.8	3.437	100.8	2.6	1.0	0.6
446	12/24/2014 01:16:04	14.50	45.81	29.71	8.53	8.07	35.7	3.511	100.4	2.9	1.2	0.7
447	12/24/2014 01:31:04	14.51	46.06	29.89	8.49	8.07	27.1	3.577	100.1	2.7	1.1	0.6
448	12/24/2014 01:46:04	14.51	46.15	29.96	8.45	8.07	19.2	3.605	99.7	2.5	1.0	0.6
449	12/24/2014 02:01:04	14.49	45.88	29.76	8.39	8.07	12.6	3.601	98.9	2.3	0.9	0.5
450	12/24/2014 02:16:04	14.43	45.12	29.21	8.42	8.06	13.8	3.625	98.7	2.4	1.0	0.6
451	12/24/2014 02:31:04	14.51	46.20	29.99	8.41	8.07	15.0	3.563	99.3	1.4	0.6	0.3
452	12/24/2014 02:46:04	14.46	45.56	29.53	8.45	8.07	19.5	3.487	99.3	2.1	0.8	0.5
453	12/24/2014 03:01:04	13.98	40.14	25.65	8.30	7.96	21.9	3.451	94.3	2.6	1.0	0.6
454	12/24/2014 03:16:04	13.95	39.72	25.36	8.26	7.94	16.0	3.372	93.7	3.3	1.3	0.8
455	12/24/2014 03:31:04	13.97	40.10	25.63	8.29	7.95	14.1	3.244	94.2	2.6	1.0	0.6
456	12/24/2014 03:46:04	13.98	40.13	25.65	8.27	7.95	13.4	3.153	94.0	2.8	1.1	0.7
457	12/24/2014 04:01:04	13.98	40.19	25.69	8.28	7.95	14.0	3.043	94.2	2.5	1.0	0.6
458	12/24/2014 04:16:05	13.96	39.93	25.50	8.23	7.95	12.6	2.994	93.4	2.9	1.2	0.7
459	12/24/2014 04:31:05	14.00	40.28	25.75	8.24	7.96	14.2	2.883	93.7	3.5	1.4	0.8
460	12/24/2014 04:46:05	13.81	38.67	24.61	8.20	7.91	12.6	2.791	92.3	2.9	1.2	0.7
461	12/24/2014 05:01:05	13.77	38.21	24.29	8.18	7.90	11.2	2.731	91.8	3.9	1.6	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+ NTU	Depth meters	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence %FS
			mS/cm		mg/L	pH				ug/L	(Corrected ratio = 0.40)	
462	12/24/2014 05:16:05	13.78	38.42	24.44	8.17	7.91	10.8	2.656	91.8	3.1	1.2	0.7
463	12/24/2014 05:31:04	13.74	38.01	24.15	8.13	7.89	10.1	2.612	91.1	3.3	1.3	0.8
464	12/24/2014 05:46:04	13.71	38.23	24.31	8.10	7.89	10.2	2.522	90.8	3.6	1.4	0.8
465	12/24/2014 06:01:04	13.68	37.97	24.12	8.08	7.88	10.6	2.481	90.4	2.8	1.1	0.7
466	12/24/2014 06:16:04	13.64	37.30	23.66	8.05	7.86	10.2	2.417	89.7	3.5	1.4	0.8
467	12/24/2014 06:31:04	13.61	37.07	23.49	8.02	7.85	10.0	2.367	89.2	3.3	1.3	0.8
468	12/24/2014 06:46:04	13.69	37.87	24.06	7.99	7.87	10.1	2.391	89.4	3.4	1.4	0.8
469	12/24/2014 07:01:04	13.68	37.57	23.84	8.02	7.87	11.4	2.347	89.6	3.1	1.2	0.7
470	12/24/2014 07:16:04	13.71	37.80	24.01	8.07	7.87	10.8	2.351	90.3	3.3	1.3	0.8
471	12/24/2014 07:31:04	13.70	37.60	23.86	8.11	7.87	9.8	2.395	90.6	3.4	1.4	0.8
472	12/24/2014 07:46:04	13.75	37.70	23.94	8.11	7.87	9.6	2.415	90.8	2.9	1.2	0.7
473	12/24/2014 08:01:04	13.83	38.71	24.64	8.08	7.89	15.9	2.442	91.0	3.5	1.4	0.8
474	12/24/2014 08:16:04	13.84	38.63	24.59	8.14	7.90	15.9	2.492	91.7	3.2	1.3	0.8
475	12/24/2014 08:31:05	13.84	38.67	24.62	8.15	7.90	16.9	2.553	91.7	3.4	1.4	0.8
476	12/24/2014 08:46:05	13.90	39.12	24.93	8.20	7.92	13.7	2.646	92.6	3.2	1.3	0.8
477	12/24/2014 09:01:04	13.84	38.80	24.71	8.19	7.91	16.2	2.736	92.2	2.7	1.1	0.6
478	12/24/2014 09:16:05	13.79	38.86	24.75	8.24	7.91	14.2	2.840	92.8	3.6	1.4	0.9
479	12/24/2014 09:31:05	13.85	39.77	25.39	8.32	7.94	15.5	2.993	94.1	3.1	1.2	0.7
480	12/24/2014 09:46:04	14.01	41.32	26.49	8.33	7.98	15.3	3.114	95.3	2.7	1.1	0.6
481	12/24/2014 10:01:04	13.99	41.40	26.55	8.35	7.98	14.4	3.202	95.4	2.7	1.1	0.6
482	12/24/2014 10:16:05	14.05	42.00	26.97	8.38	8.00	13.6	3.315	96.2	2.4	1.0	0.6
483	12/24/2014 10:31:04	14.15	43.17	27.81	8.40	8.02	14.7	3.396	97.1	2.3	0.9	0.5
484	12/24/2014 10:46:04	14.16	43.32	27.91	8.43	8.02	14.8	3.469	97.5	2.3	0.9	0.5
485	12/24/2014 11:01:05	14.22	43.79	28.26	8.41	8.03	15.8	3.582	97.6	2.3	0.9	0.5
486	12/24/2014 11:16:04	14.28	44.33	28.64	8.40	8.04	19.3	3.686	97.9	2.2	0.9	0.5
487	12/24/2014 11:31:05	14.29	44.56	28.81	8.43	8.05	25.2	3.748	98.3	2.9	1.2	0.7
488	12/24/2014 11:46:04	14.23	44.67	28.88	8.46	8.05	26.7	3.866	98.6	2.6	1.0	0.6
489	12/24/2014 12:01:04	14.24	45.09	29.19	8.47	8.06	21.4	3.931	99.0	2.6	1.0	0.6
490	12/24/2014 12:16:04	14.27	45.75	29.66	8.48	8.07	21.9	3.996	99.4	2.0	0.8	0.5
491	12/24/2014 12:31:05	14.29	46.10	29.91	8.46	8.07	16.9	4.032	99.4	2.0	0.8	0.5
492	12/24/2014 12:46:05	14.30	46.21	29.99	8.45	8.07	15.2	4.072	99.3	1.7	0.7	0.4
493	12/24/2014 13:01:04	14.30	46.25	30.02	8.41	8.07	15.0	4.099	98.9	1.8	0.7	0.4
494	12/24/2014 13:16:04	14.27	46.01	29.85	8.48	8.07	19.9	4.059	99.5	2.5	1.0	0.6
495	12/24/2014 13:31:04	14.26	45.91	29.78	8.47	8.07	23.5	4.019	99.3	1.9	0.8	0.5
496	12/24/2014 13:46:05	14.13	45.58	29.53	8.55	8.06	39.5	3.992	99.9	3.0	1.2	0.7
497	12/24/2014 14:01:04	14.14	45.43	29.43	8.53	8.06	35.9	3.881	99.6	3.2	1.3	0.8
498	12/24/2014 14:16:04	14.12	45.20	29.26	8.54	8.06	29.6	3.776	99.6	2.9	1.2	0.7
499	12/24/2014 14:31:04	14.05	44.62	28.84	8.56	8.05	42.2	3.667	99.4	3.2	1.3	0.8
500	12/24/2014 14:46:04	13.96	44.10	28.47	8.58	8.04	69.9	3.561	99.2	4.0	1.6	0.9
501	12/24/2014 15:01:04	13.86	43.56	28.08	8.62	8.03	76.4	3.418	99.2	4.1	1.6	1.0
502	12/24/2014 15:16:04	13.82	43.33	27.92	8.64	8.02	89.7	3.288	99.2	4.6	1.8	1.1
503	12/24/2014 15:31:04	13.75	42.67	27.44	8.61	8.01	132.0	3.193	98.5	7.2	2.9	1.7

sonde #2			Indian Island Long-Term Deployment							Water Quality Data		
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
504	12/24/2014 15:46:04	13.64	41.42	26.55	8.66	7.99	105.3	3.025	98.3	5.8	2.3	1.4
505	12/24/2014 16:01:04	13.59	42.00	26.96	8.69	7.99	106.2	2.908	98.7	5.4	2.2	1.3
506	12/24/2014 16:16:04	13.40	39.51	25.20	8.78	7.94	76.7	2.779	98.4	5.3	2.1	1.2
507	12/24/2014 16:31:04	13.35	40.36	25.79	8.72	7.96	86.3	2.603	97.9	5.1	2.0	1.2
508	12/24/2014 16:46:04	13.28	39.23	25.00	8.77	7.93	92.1	2.491	97.8	5.9	2.4	1.4
509	12/24/2014 17:01:04	13.14	37.84	24.02	8.76	7.88	108.3	2.342	96.8	6.8	2.7	1.6
510	12/24/2014 17:16:04	12.90	37.54	23.80	8.86	7.88	117.0	2.150	97.4	6.9	2.8	1.6
511	12/24/2014 17:31:04	12.93	37.46	23.75	8.78	7.88	117.1	2.033	96.5	7.0	2.8	1.7
512	12/24/2014 17:46:04	12.81	36.90	23.35	8.81	7.86	117.3	1.874	96.3	7.2	2.9	1.7
513	12/24/2014 18:01:04	12.73	36.19	22.86	8.81	7.83	127.8	1.703	95.8	7.4	3.0	1.8
514	12/24/2014 18:16:05	12.70	36.00	22.72	8.80	7.82	130.1	1.561	95.6	8.2	3.3	1.9
515	12/24/2014 18:31:04	12.66	35.65	22.48	8.81	7.82	130.3	1.401	95.5	8.2	3.3	1.9
516	12/24/2014 18:46:04	12.54	34.92	21.97	8.85	7.80	135.3	1.267	95.4	8.8	3.5	2.1
517	12/24/2014 19:01:04	12.47	34.87	21.94	8.88	7.81	122.7	1.146	95.5	7.8	3.1	1.8
518	12/24/2014 19:16:04	12.34	34.57	21.73	8.92	7.80	123.7	1.073	95.5	8.0	3.2	1.9
519	12/24/2014 19:31:04	12.21	34.26	21.51	9.00	7.79	84.2	0.997	96.1	7.0	2.8	1.7
520	12/24/2014 19:46:04	12.26	34.57	21.73	8.96	7.80	70.4	0.991	95.8	6.4	2.6	1.5
521	12/24/2014 20:01:04	12.42	34.95	21.99	8.92	7.80	58.7	1.068	95.9	5.6	2.2	1.3
522	12/24/2014 20:16:04	12.37	34.58	21.74	8.96	7.80	55.7	1.131	96.1	6.0	2.4	1.4
523	12/24/2014 20:31:05	12.31	34.42	21.62	8.98	7.79	58.7	1.233	96.1	5.5	2.2	1.3
524	12/24/2014 20:46:05	12.36	34.28	21.53	8.94	7.79	62.8	1.339	95.7	6.2	2.5	1.5
525	12/24/2014 21:01:05	12.36	33.61	21.07	8.95	7.78	62.5	1.438	95.6	6.1	2.4	1.5
526	12/24/2014 21:16:05	12.43	33.75	21.17	8.91	7.77	53.2	1.542	95.3	5.3	2.1	1.3
527	12/24/2014 21:31:05	12.55	34.71	21.83	8.82	7.78	57.3	1.608	95.0	6.2	2.5	1.5
528	12/24/2014 21:46:05	12.72	35.24	22.20	8.77	7.80	81.9	1.739	95.0	6.6	2.6	1.6
529	12/24/2014 22:01:05	12.94	36.85	23.32	8.68	7.85	89.3	1.835	95.2	6.5	2.6	1.5
530	12/24/2014 22:16:05	13.00	37.05	23.46	8.68	7.87	71.4	1.949	95.4	5.7	2.3	1.3
531	12/24/2014 22:31:05	13.11	37.88	24.04	8.68	7.89	62.4	2.056	95.9	5.6	2.2	1.3
532	12/24/2014 22:46:05	13.15	38.46	24.45	8.69	7.90	88.1	2.182	96.3	6.2	2.5	1.5
533	12/24/2014 23:01:05	13.11	38.06	24.17	8.70	7.90	83.2	2.292	96.3	6.0	2.4	1.4
534	12/24/2014 23:16:04	13.22	38.94	24.80	8.67	7.92	77.3	2.402	96.5	5.6	2.2	1.3
535	12/24/2014 23:31:05	13.23	38.98	24.82	8.67	7.92	86.1	2.527	96.5	5.8	2.3	1.4
536	12/24/2014 23:46:05	13.21	39.04	24.86	8.68	7.92	109.4	2.640	96.6	6.4	2.6	1.5
537	12/25/2014 00:01:05	13.26	39.30	25.04	8.67	7.93	105.3	2.732	96.7	6.3	2.5	1.5
538	12/25/2014 00:16:05	13.29	39.67	25.31	8.67	7.94	105.1	2.838	96.9	6.2	2.5	1.5
539	12/25/2014 00:31:05	13.32	40.31	25.76	8.70	7.96	129.6	2.927	97.6	6.9	2.8	1.6
540	12/25/2014 00:46:05	13.32	41.55	26.64	8.91	7.99	103.8	3.040	100.5	6.0	2.4	1.4
541	12/25/2014 01:01:04	13.41	42.41	27.25	8.98	8.00	99.2	3.142	101.9	5.3	2.1	1.3
542	12/25/2014 01:16:04	13.50	43.34	27.92	9.06	8.02	98.8	3.204	103.5	6.1	2.4	1.4
543	12/25/2014 01:31:05	13.59	44.14	28.49	9.11	8.04	88.5	3.328	104.5	4.9	2.0	1.2
544	12/25/2014 01:46:04	13.64	44.59	28.81	9.13	8.04	70.0	3.389	105.1	4.3	1.7	1.0
545	12/25/2014 02:01:04	13.67	44.92	29.05	9.13	8.05	54.3	3.461	105.3	3.6	1.4	0.9

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
546	12/25/2014 02:16:04	13.71	45.19	29.24	9.13	8.05	48.7	3.515	105.5	8.0	3.2	1.9
547	12/25/2014 02:31:05	13.72	45.47	29.45	9.08	8.06	31.1	3.567	105.0	7.8	3.1	1.8
548	12/25/2014 02:46:04	13.72	45.55	29.50	9.03	8.06	18.9	3.575	104.5	2.6	1.0	0.6
549	12/25/2014 03:01:04	13.38	42.83	27.54	9.00	8.01	24.8	3.555	102.2	2.9	1.2	0.7
550	12/25/2014 03:16:04	13.74	45.30	29.32	9.09	8.06	28.5	3.549	105.2	2.6	1.0	0.6
551	12/25/2014 03:31:04	13.18	41.83	26.83	8.92	8.00	30.2	3.473	100.4	3.1	1.2	0.7
552	12/25/2014 03:46:05	13.00	41.16	26.35	8.85	7.98	42.0	3.410	98.9	3.7	1.5	0.9
553	12/25/2014 04:01:05	12.88	40.57	25.93	8.87	7.97	28.5	3.352	98.7	3.3	1.3	0.8
554	12/25/2014 04:16:04	12.79	40.09	25.59	8.83	7.96	25.2	3.225	97.9	3.4	1.4	0.8
555	12/25/2014 04:31:04	12.87	40.55	25.91	8.81	7.96	38.0	3.151	98.0	3.4	1.4	0.8
556	12/25/2014 04:46:05	12.93	40.34	25.77	8.88	7.97	33.0	3.063	98.8	3.3	1.3	0.8
557	12/25/2014 05:01:04	12.82	40.17	25.65	8.83	7.96	29.7	2.951	98.0	3.7	1.5	0.9
558	12/25/2014 05:16:04	12.73	39.64	25.28	8.81	7.95	27.5	2.865	97.3	3.2	1.3	0.8
559	12/25/2014 05:31:05	12.67	39.94	25.48	8.77	7.94	22.0	2.781	96.9	4.0	1.6	0.9
560	12/25/2014 05:46:05	12.63	39.57	25.22	8.77	7.94	21.6	2.724	96.7	3.1	1.2	0.7
561	12/25/2014 06:01:04	12.60	39.38	25.09	8.74	7.93	21.6	2.618	96.2	3.6	1.4	0.9
562	12/25/2014 06:16:04	12.51	38.67	24.58	8.75	7.92	23.0	2.528	95.8	3.3	1.3	0.8
563	12/25/2014 06:31:04	12.44	39.08	24.87	8.72	7.92	27.1	2.461	95.5	3.7	1.5	0.9
564	12/25/2014 06:46:05	12.36	38.08	24.16	8.73	7.90	25.0	2.362	95.0	3.2	1.3	0.8
565	12/25/2014 07:01:04	12.24	38.18	24.24	8.71	7.90	23.5	2.312	94.6	3.9	1.6	0.9
566	12/25/2014 07:16:04	12.20	37.32	23.63	8.70	7.88	23.0	2.248	94.0	3.8	1.5	0.9
567	12/25/2014 07:31:05	12.19	37.11	23.49	8.69	7.87	22.2	2.197	93.9	4.0	1.6	0.9
568	12/25/2014 07:46:05	12.20	37.04	23.44	8.62	7.87	21.2	2.174	93.0	4.0	1.6	1.0
569	12/25/2014 08:01:05	12.51	38.34	24.35	8.62	7.90	23.7	2.162	94.2	3.9	1.6	0.9
570	12/25/2014 08:16:05	12.33	37.74	23.93	8.70	7.89	20.9	2.175	94.5	3.7	1.5	0.9
571	12/25/2014 08:31:05	12.28	37.56	23.80	8.69	7.89	23.8	2.185	94.2	3.5	1.4	0.8
572	12/25/2014 08:46:05	12.48	38.19	24.25	8.69	7.90	27.6	2.237	94.9	4.0	1.6	0.9
573	12/25/2014 09:01:05	12.39	37.77	23.95	8.69	7.89	33.6	2.329	94.5	4.3	1.7	1.0
574	12/25/2014 09:16:05	12.19	36.49	23.06	8.72	7.86	32.6	2.381	93.9	4.4	1.8	1.0
575	12/25/2014 09:31:05	12.45	37.44	23.72	8.73	7.89	24.6	2.483	94.9	3.9	1.6	0.9
576	12/25/2014 09:46:05	12.83	39.70	25.32	8.76	7.94	42.1	2.569	97.1	4.2	1.7	1.0
577	12/25/2014 10:01:05	12.77	39.45	25.14	8.78	7.94	37.6	2.669	97.0	3.9	1.6	0.9
578	12/25/2014 10:16:05	12.75	39.29	25.03	8.80	7.94	36.6	2.752	97.1	3.9	1.6	0.9
579	12/25/2014 10:31:05	12.75	39.52	25.19	8.83	7.95	32.0	2.849	97.5	3.8	1.5	0.9
580	12/25/2014 10:46:05	12.76	39.68	25.30	8.83	7.95	30.6	2.937	97.6	3.7	1.5	0.9
581	12/25/2014 11:01:05	12.93	40.63	25.98	8.84	7.97	26.0	3.025	98.6	3.8	1.5	0.9
582	12/25/2014 11:16:04	13.12	41.67	26.72	8.87	7.99	21.2	3.112	99.6	2.7	1.1	0.6
583	12/25/2014 11:31:05	13.23	42.49	27.30	8.86	8.00	27.8	3.201	100.2	3.2	1.3	0.8
584	12/25/2014 11:46:05	13.39	43.76	28.21	8.87	8.02	55.1	3.292	101.2	4.1	1.6	1.0
585	12/25/2014 12:01:05	13.40	44.01	28.39	8.87	8.03	63.2	3.392	101.3	4.3	1.7	1.0
586	12/25/2014 12:16:05	13.40	44.14	28.48	8.87	8.03	55.5	3.461	101.4	3.7	1.5	0.9
587	12/25/2014 12:31:05	13.40	44.32	28.61	8.86	8.04	53.5	3.563	101.3	4.3	1.7	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
588	12/25/2014 12:46:04	13.48	44.96	29.07	8.86	8.05	53.9	3.612	101.8	3.9	1.6	0.9
589	12/25/2014 13:01:05	13.51	45.32	29.33	8.86	8.05	42.7	3.679	102.1	3.4	1.4	0.8
590	12/25/2014 13:16:05	13.54	45.69	29.60	8.88	8.06	32.1	3.741	102.5	2.5	1.0	0.6
591	12/25/2014 13:31:05	13.57	45.90	29.75	8.88	8.06	21.8	3.787	102.6	2.8	1.1	0.7
592	12/25/2014 13:46:05	13.59	45.98	29.81	8.83	8.06	16.8	3.809	102.2	2.2	0.9	0.5
593	12/25/2014 14:01:05	13.60	46.05	29.86	8.80	8.06	13.3	3.815	101.9	2.0	0.8	0.5
594	12/25/2014 14:16:05	13.51	45.16	29.22	8.86	8.05	19.2	3.785	101.9	3.0	1.2	0.7
595	12/25/2014 14:31:05	13.52	45.17	29.23	8.87	8.05	19.4	3.736	102.1	2.2	0.9	0.5
596	12/25/2014 14:46:05	13.46	44.56	28.79	8.89	8.04	23.6	3.674	101.9	2.1	0.8	0.5
597	12/25/2014 15:01:04	13.36	44.01	28.39	8.90	8.03	39.0	3.594	101.6	3.2	1.3	0.8
598	12/25/2014 15:16:05	13.27	43.33	27.90	8.96	8.02	26.7	3.481	101.7	3.2	1.3	0.8
599	12/25/2014 15:31:05	13.14	42.23	27.12	8.91	8.00	30.2	3.398	100.5	5.0	2.0	1.2
600	12/25/2014 15:46:05	13.12	42.18	27.08	8.83	7.99	48.0	3.286	99.5	4.1	1.6	1.0
601	12/25/2014 16:01:05	13.06	42.08	27.01	8.83	7.99	54.8	3.172	99.2	4.2	1.7	1.0
602	12/25/2014 16:16:05	13.00	41.50	26.59	8.91	7.99	51.6	3.053	99.8	3.8	1.5	0.9
603	12/25/2014 16:31:05	13.02	42.75	27.48	8.91	8.01	43.0	2.929	100.4	4.0	1.6	1.0
604	12/25/2014 16:46:05	12.85	41.54	26.62	8.96	7.99	43.8	2.801	100.0	3.6	1.4	0.8
605	12/25/2014 17:01:04	12.76	40.22	25.68	8.92	7.96	52.4	2.665	98.9	4.7	1.9	1.1
606	12/25/2014 17:16:05	12.65	39.97	25.51	8.94	7.95	65.9	2.546	98.8	5.0	2.0	1.2
607	12/25/2014 17:31:05	12.49	39.12	24.90	9.04	7.94	63.5	2.381	99.1	4.9	2.0	1.2
608	12/25/2014 17:46:05	12.40	39.12	24.90	8.98	7.93	79.2	2.260	98.3	5.1	2.0	1.2
609	12/25/2014 18:01:05	12.21	38.51	24.46	9.02	7.92	78.7	2.103	98.1	5.4	2.2	1.3
610	12/25/2014 18:16:05	12.10	37.83	23.99	9.02	7.90	86.1	1.973	97.6	6.2	2.5	1.5
611	12/25/2014 18:31:05	11.95	37.34	23.64	9.05	7.88	85.2	1.822	97.3	6.8	2.7	1.6
612	12/25/2014 18:46:05	11.81	36.90	23.33	9.06	7.87	80.6	1.663	96.9	6.0	2.4	1.4
613	12/25/2014 19:01:05	11.77	36.44	23.01	9.07	7.86	77.7	1.536	96.8	5.5	2.2	1.3
614	12/25/2014 19:16:04	11.69	35.89	22.63	9.10	7.85	66.2	1.405	96.7	5.8	2.3	1.4
615	12/25/2014 19:31:05	11.57	35.59	22.41	9.13	7.84	60.6	1.272	96.7	4.8	1.9	1.1
616	12/25/2014 19:46:05	11.53	35.54	22.38	9.13	7.84	62.0	1.185	96.5	5.5	2.2	1.3
617	12/25/2014 20:01:05	11.48	35.54	22.38	9.09	7.84	53.0	1.109	96.0	5.0	2.0	1.2
618	12/25/2014 20:16:04	11.77	36.11	22.78	9.05	7.85	53.5	1.078	96.5	5.0	2.0	1.2
619	12/25/2014 20:31:05	11.85	36.37	22.96	9.00	7.85	50.1	1.101	96.2	5.5	2.2	1.3
620	12/25/2014 20:46:04	11.62	36.10	22.77	9.08	7.85	39.6	1.145	96.5	4.4	1.8	1.0
621	12/25/2014 21:01:04	11.68	36.05	22.74	9.09	7.85	39.3	1.220	96.6	4.6	1.8	1.1
622	12/25/2014 21:16:04	11.69	36.03	22.72	9.07	7.85	41.7	1.310	96.5	5.6	2.2	1.3
623	12/25/2014 21:31:05	11.57	35.37	22.26	9.13	7.84	39.0	1.389	96.5	4.9	2.0	1.2
624	12/25/2014 21:46:05	11.67	35.66	22.46	9.09	7.84	38.0	1.478	96.4	4.4	1.8	1.1
625	12/25/2014 22:01:05	11.72	35.51	22.36	9.07	7.84	36.8	1.568	96.3	4.7	1.9	1.1
626	12/25/2014 22:16:05	11.80	36.01	22.71	9.01	7.84	39.1	1.651	96.0	4.8	1.9	1.1
627	12/25/2014 22:31:05	12.02	36.70	23.20	8.97	7.86	46.5	1.745	96.3	4.7	1.9	1.1
628	12/25/2014 22:46:05	12.20	37.53	23.78	8.93	7.89	45.3	1.850	96.6	4.9	2.0	1.2
629	12/25/2014 23:01:05	12.30	38.01	24.11	8.92	7.90	36.2	1.933	97.0	4.2	1.7	1.0

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
630	12/25/2014 23:16:05	12.40	38.39	24.39	8.91	7.91	44.4	2.057	97.2	4.6	1.8	1.1
631	12/25/2014 23:31:05	12.51	39.25	24.99	8.89	7.93	55.5	2.170	97.6	4.5	1.8	1.1
632	12/25/2014 23:46:05	12.48	38.85	24.71	8.91	7.93	58.1	2.281	97.6	4.3	1.7	1.0
633	12/26/2014 00:01:05	12.59	39.75	25.35	8.89	7.94	51.5	2.405	97.9	4.3	1.7	1.0
634	12/26/2014 00:16:05	12.60	39.87	25.43	8.88	7.94	58.6	2.512	97.9	4.4	1.8	1.0
635	12/26/2014 00:31:05	12.61	39.89	25.45	8.88	7.94	73.3	2.626	97.9	5.4	2.2	1.3
636	12/26/2014 00:46:05	12.62	39.95	25.49	8.90	7.95	68.3	2.738	98.2	5.2	2.1	1.2
637	12/26/2014 01:01:05	12.68	40.42	25.82	8.89	7.96	85.5	2.835	98.4	5.9	2.4	1.4
638	12/26/2014 01:16:05	12.76	41.06	26.28	8.89	7.97	115.4	2.942	98.9	5.9	2.4	1.4
639	12/26/2014 01:31:05	12.82	42.67	27.42	8.92	8.00	204.4	3.043	100.1	8.6	3.4	2.0
640	12/26/2014 01:46:05	12.78	43.08	27.70	8.94	8.00	109.9	3.135	100.4	5.6	2.2	1.3
641	12/26/2014 02:01:04	12.77	43.57	28.06	8.92	8.01	82.1	3.223	100.3	4.7	1.9	1.1
642	12/26/2014 02:16:04	12.83	44.35	28.62	8.90	8.02	91.6	3.319	100.6	5.2	2.1	1.2
643	12/26/2014 02:31:05	12.89	45.08	29.14	8.84	8.03	89.4	3.396	100.4	5.2	2.1	1.2
644	12/26/2014 02:46:05	12.93	45.91	29.74	8.73	8.04	72.3	3.467	99.6	5.0	2.0	1.2
645	12/26/2014 03:01:05	12.96	46.57	30.22	8.62	8.04	38.2	3.523	98.7	2.7	1.1	0.6
646	12/26/2014 03:16:05	12.98	46.94	30.48	8.52	8.04	31.4	3.561	97.7	5.5	2.2	1.3
647	12/26/2014 03:31:05	12.97	47.26	30.71	8.45	8.04	21.2	3.589	97.0	2.3	0.9	0.5
648	12/26/2014 03:46:05	12.96	46.84	30.41	8.46	8.04	19.7	3.583	97.0	1.9	0.8	0.5
649	12/26/2014 04:01:05	12.99	47.17	30.65	8.41	8.04	23.9	3.548	96.6	2.0	0.8	0.5
650	12/26/2014 04:16:05	13.00	46.95	30.49	8.49	8.04	24.4	3.503	97.4	2.4	1.0	0.6
651	12/26/2014 04:31:05	12.53	44.25	28.53	8.73	8.02	26.6	3.457	98.0	2.6	1.0	0.6
652	12/26/2014 04:46:05	12.22	41.99	26.92	8.90	7.99	35.7	3.367	98.3	3.5	1.4	0.8
653	12/26/2014 05:01:05	12.02	40.79	26.06	8.94	7.97	43.7	3.275	97.8	4.1	1.6	1.0
654	12/26/2014 05:16:05	11.98	40.65	25.96	8.95	7.97	47.9	3.174	97.7	3.9	1.6	0.9
655	12/26/2014 05:31:05	11.93	40.79	26.06	8.94	7.97	33.8	3.087	97.6	3.6	1.4	0.8
656	12/26/2014 05:46:05	11.92	40.45	25.82	8.93	7.96	37.9	3.007	97.3	3.6	1.4	0.8
657	12/26/2014 06:01:05	11.89	40.76	26.04	8.94	7.97	19.0	2.890	97.5	2.8	1.1	0.7
658	12/26/2014 06:16:05	11.94	40.33	25.73	8.92	7.96	24.9	2.802	97.2	3.8	1.5	0.9
659	12/26/2014 06:31:05	11.84	40.09	25.56	8.92	7.95	20.3	2.720	96.9	2.8	1.1	0.7
660	12/26/2014 06:46:05	11.73	40.27	25.69	8.90	7.95	18.3	2.635	96.5	2.9	1.2	0.7
661	12/26/2014 07:01:05	11.63	39.71	25.29	8.91	7.94	18.5	2.543	96.2	2.7	1.1	0.6
662	12/26/2014 07:16:05	11.53	39.64	25.24	8.91	7.94	20.8	2.456	95.9	3.2	1.3	0.8
663	12/26/2014 07:31:05	11.46	39.60	25.21	8.90	7.94	20.7	2.382	95.7	3.3	1.3	0.8
664	12/26/2014 07:46:05	11.50	38.82	24.66	8.91	7.92	22.9	2.308	95.5	3.5	1.4	0.8
665	12/26/2014 08:01:05	11.35	38.77	24.62	8.91	7.92	19.5	2.240	95.2	3.0	1.2	0.7
666	12/26/2014 08:16:05	11.24	38.64	24.52	8.91	7.92	19.1	2.189	94.9	3.5	1.4	0.8
667	12/26/2014 08:31:05	11.22	38.29	24.28	8.88	7.90	17.8	2.152	94.3	3.5	1.4	0.8
668	12/26/2014 08:46:05	11.44	38.84	24.67	8.80	7.92	17.6	2.134	94.2	3.1	1.2	0.7
669	12/26/2014 09:01:05	11.27	38.41	24.36	8.87	7.91	25.5	2.118	94.4	3.9	1.6	0.9
670	12/26/2014 09:16:05	11.28	38.36	24.33	8.91	7.91	16.9	2.141	94.9	3.6	1.4	0.9
671	12/26/2014 09:31:05	11.53	38.85	24.68	8.87	7.92	19.9	2.176	95.2	3.4	1.4	0.8

sonde #2		Indian Island Long-Term Deployment								Water Quality Data			
			SpCond		DO Conc		Turbidity+	Depth		Chlorophyll	Corrected Chlorophyll	Fluorescence	
Sample #	Date & Time	Temp C	mS/cm	Salinity ppt	mg/L	pH	NTU	meters	DO%	ug/L	(Corrected ratio = 0.40)	%FS	
672	12/26/2014 09:46:05	11.62	38.91	24.72	8.87	7.92	23.8	2.222	95.3	3.7	1.5	0.9	
673	12/26/2014 10:01:04	11.35	38.37	24.34	8.92	7.91	33.0	2.290	95.1	3.9	1.6	0.9	
674	12/26/2014 10:16:05	11.28	37.44	23.69	8.95	7.89	22.7	2.367	94.9	3.5	1.4	0.8	
675	12/26/2014 10:31:05	11.68	38.90	24.72	8.88	7.92	30.1	2.448	95.6	4.0	1.6	0.9	
676	12/26/2014 10:46:05	11.99	40.33	25.73	8.84	7.95	28.0	2.537	96.4	3.1	1.2	0.7	
677	12/26/2014 11:01:05	11.87	39.94	25.46	8.87	7.94	26.0	2.614	96.3	3.2	1.3	0.8	
678	12/26/2014 11:16:05	11.92	40.38	25.77	8.85	7.95	27.1	2.693	96.4	3.0	1.2	0.7	
679	12/26/2014 11:31:05	11.97	40.71	26.00	8.85	7.96	25.2	2.770	96.6	3.3	1.3	0.8	
680	12/26/2014 11:46:05	12.04	40.68	25.99	8.89	7.95	27.8	2.848	97.2	3.7	1.5	0.9	
681	12/26/2014 12:01:05	12.10	40.80	26.07	8.89	7.96	18.1	2.922	97.4	3.1	1.2	0.7	
682	12/26/2014 12:16:05	12.18	41.46	26.54	8.85	7.97	16.7	3.001	97.4	2.4	1.0	0.6	
683	12/26/2014 12:31:05	12.29	42.35	27.17	8.79	7.98	15.5	3.081	97.4	2.8	1.1	0.7	
684	12/26/2014 12:46:05	12.41	43.15	27.75	8.72	7.99	17.2	3.167	97.2	2.3	0.9	0.5	
685	12/26/2014 13:01:05	12.53	44.19	28.49	8.64	8.01	18.7	3.236	97.0	2.6	1.0	0.6	
686	12/26/2014 13:16:05	12.59	45.03	29.09	8.54	8.02	30.4	3.311	96.4	2.6	1.0	0.6	
687	12/26/2014 13:31:05	12.59	45.23	29.24	8.53	8.02	31.6	3.388	96.3	3.0	1.2	0.7	
688	12/26/2014 13:46:05	12.59	45.35	29.33	8.52	8.02	34.6	3.453	96.3	2.6	1.0	0.6	
689	12/26/2014 14:01:05	12.58	45.47	29.41	8.53	8.02	38.6	3.504	96.3	2.8	1.1	0.7	
690	12/26/2014 14:16:05	12.62	45.75	29.61	8.51	8.03	26.1	3.548	96.3	2.1	0.8	0.5	
691	12/26/2014 14:31:05	12.65	46.06	29.83	8.47	8.03	20.9	3.593	96.2	2.5	1.0	0.6	
692	12/26/2014 14:46:05	12.66	46.09	29.86	8.45	8.03	12.2	3.600	95.9	1.9	0.8	0.4	
693	12/26/2014 15:01:05	12.65	46.03	29.81	8.42	8.03	13.1	3.599	95.6	1.7	0.7	0.4	
694	12/26/2014 15:16:05	12.63	45.67	29.56	8.48	8.03	15.9	3.582	96.0	2.2	0.9	0.5	
695	12/26/2014 15:31:05	12.62	45.48	29.42	8.53	8.02	16.1	3.540	96.5	2.1	0.8	0.5	
696	12/26/2014 15:46:05	12.51	44.27	28.55	8.72	8.01	23.2	3.474	97.9	2.6	1.0	0.6	
697	12/26/2014 16:01:05	12.43	43.98	28.34	8.80	8.01	20.2	3.393	98.4	1.9	0.8	0.5	
698	12/26/2014 16:16:05	12.42	43.88	28.27	8.78	8.01	20.9	3.290	98.2	2.8	1.1	0.7	
699	12/26/2014 16:31:05	12.36	43.42	27.94	8.81	8.00	21.4	3.199	98.2	2.7	1.1	0.6	
700	12/26/2014 16:46:05	12.37	43.08	27.69	8.77	7.99	30.2	3.101	97.5	2.6	1.0	0.6	
701	12/26/2014 17:01:05	12.22	42.53	27.30	8.87	7.99	30.5	3.000	98.2	3.0	1.2	0.7	
702	12/26/2014 17:16:05	12.16	42.50	27.28	8.91	7.99	24.9	2.885	98.5	2.8	1.1	0.7	
703	12/26/2014 17:31:05	12.08	41.93	26.87	8.92	7.97	26.4	2.768	98.1	3.2	1.3	0.8	
704	12/26/2014 17:46:05	12.01	41.21	26.36	8.94	7.97	29.1	2.647	97.9	2.9	1.2	0.7	
705	12/26/2014 18:01:05	11.98	41.17	26.33	8.91	7.96	33.5	2.542	97.5	3.9	1.6	0.9	
706	12/26/2014 18:16:05	11.87	39.81	25.36	8.94	7.93	33.5	2.409	97.1	4.0	1.6	1.0	
707	12/26/2014 18:31:05	11.81	39.52	25.16	8.94	7.93	33.5	2.278	96.8	3.6	1.4	0.8	
708	12/26/2014 18:46:05	11.73	40.17	25.62	8.92	7.94	28.1	2.155	96.6	3.3	1.3	0.8	
709	12/26/2014 19:01:05	11.61	39.34	25.03	8.95	7.92	30.8	2.012	96.4	3.9	1.6	0.9	
710	12/26/2014 19:16:05	11.55	38.87	24.69	8.95	7.91	32.5	1.888	96.1	3.7	1.5	0.9	
711	12/26/2014 19:31:05	11.44	38.50	24.43	8.98	7.91	33.8	1.747	96.0	3.8	1.5	0.9	
712	12/26/2014 19:46:04	11.32	37.78	23.92	9.04	7.89	33.8	1.635	96.1	3.6	1.4	0.8	
713	12/26/2014 20:01:04	11.25	37.64	23.83	9.06	7.89	34.7	1.533	96.0	4.0	1.6	1.0	

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
714	12/26/2014 20:16:05	11.19	37.30	23.59	9.09	7.89	30.8	1.425	96.1	4.1	1.6	1.0
715	12/26/2014 20:31:05	11.13	37.12	23.46	9.10	7.88	29.2	1.363	96.0	4.4	1.8	1.0
716	12/26/2014 20:46:05	11.08	37.03	23.40	9.09	7.88	28.6	1.305	95.8	3.7	1.5	0.9
717	12/26/2014 21:01:04	11.04	37.05	23.41	9.05	7.88	27.7	1.287	95.2	4.1	1.6	1.0
718	12/26/2014 21:16:04	11.11	37.16	23.49	9.08	7.88	25.2	1.300	95.8	4.0	1.6	0.9
719	12/26/2014 21:31:05	11.19	37.37	23.63	9.05	7.88	24.4	1.334	95.7	3.9	1.6	0.9
720	12/26/2014 21:46:05	11.19	37.44	23.69	9.06	7.88	22.1	1.412	95.8	3.7	1.5	0.9
721	12/26/2014 22:01:05	11.20	37.45	23.69	9.05	7.89	21.6	1.473	95.8	3.5	1.4	0.8
722	12/26/2014 22:16:05	11.15	36.89	23.30	9.08	7.88	20.0	1.553	95.7	3.3	1.3	0.8
723	12/26/2014 22:31:05	11.23	36.85	23.28	9.05	7.87	20.8	1.642	95.6	3.9	1.6	0.9
724	12/26/2014 22:46:05	11.31	36.97	23.36	9.03	7.87	20.1	1.732	95.5	3.2	1.3	0.8
725	12/26/2014 23:01:05	11.36	37.30	23.60	9.00	7.88	20.6	1.812	95.5	3.2	1.3	0.8
726	12/26/2014 23:16:05	11.46	37.59	23.80	8.97	7.89	23.6	1.910	95.6	3.8	1.5	0.9
727	12/26/2014 23:31:05	11.57	38.18	24.22	8.94	7.90	22.5	2.010	95.7	3.7	1.5	0.9
728	12/26/2014 23:46:05	11.65	38.58	24.50	8.92	7.91	23.2	2.114	95.9	3.7	1.5	0.9
729	12/27/2014 00:01:05	11.83	39.83	25.38	8.85	7.93	23.6	2.215	96.0	3.8	1.5	0.9
730	12/27/2014 00:16:05	11.88	40.18	25.62	8.84	7.94	24.1	2.320	96.1	2.7	1.1	0.6
731	12/27/2014 00:31:05	11.93	40.63	25.94	8.83	7.94	38.7	2.430	96.4	3.3	1.3	0.8
732	12/27/2014 00:46:05	12.00	40.99	26.20	8.80	7.95	37.2	2.534	96.3	3.4	1.4	0.8
733	12/27/2014 01:01:04	12.00	41.14	26.31	8.81	7.95	38.0	2.635	96.4	4.0	1.6	0.9
734	12/27/2014 01:16:05	11.99	41.29	26.41	8.81	7.96	46.1	2.744	96.5	3.7	1.5	0.9
735	12/27/2014 01:31:05	12.03	41.71	26.71	8.78	7.96	42.3	2.840	96.4	3.1	1.2	0.7
736	12/27/2014 01:46:05	12.03	42.06	26.96	8.78	7.97	40.2	2.939	96.5	3.6	1.4	0.9
737	12/27/2014 02:01:05	12.12	43.24	27.80	8.71	7.99	48.9	3.048	96.5	3.5	1.4	0.8
738	12/27/2014 02:16:05	12.20	44.42	28.64	8.64	8.00	46.8	3.139	96.3	3.2	1.3	0.8
739	12/27/2014 02:31:05	12.21	45.22	29.21	8.59	8.01	41.1	3.235	96.2	3.1	1.2	0.7
740	12/27/2014 02:46:05	12.23	45.68	29.54	8.54	8.02	34.2	3.333	95.9	2.8	1.1	0.7
741	12/27/2014 03:01:05	12.23	46.05	29.81	8.47	8.02	33.5	3.425	95.2	2.7	1.1	0.6
742	12/27/2014 03:16:05	12.20	46.74	30.30	8.30	8.02	28.2	3.507	93.6	2.2	0.9	0.5
743	12/27/2014 03:31:05	12.17	47.37	30.76	8.17	8.01	24.9	3.589	92.4	2.7	1.1	0.6
744	12/27/2014 03:46:05	12.17	47.88	31.13	8.08	8.02	19.2	3.637	91.5	2.2	0.9	0.5
745	12/27/2014 04:01:05	12.18	48.31	31.44	8.00	8.01	17.4	3.681	90.8	1.7	0.7	0.4
746	12/27/2014 04:16:05	12.18	48.38	31.49	7.99	8.02	12.7	3.705	90.7	1.4	0.6	0.3
747	12/27/2014 04:31:05	12.18	48.38	31.49	7.93	8.02	12.6	3.709	90.0	1.2	0.5	0.3
748	12/27/2014 04:46:05	12.18	48.17	31.33	7.95	8.01	12.8	3.687	90.2	1.8	0.7	0.4
749	12/27/2014 05:01:05	12.19	48.42	31.52	7.94	8.02	15.5	3.642	90.2	1.4	0.6	0.3
750	12/27/2014 05:16:05	11.97	46.07	29.82	8.32	8.01	16.1	3.591	93.0	1.6	0.6	0.4
751	12/27/2014 05:31:05	11.54	43.27	27.80	8.64	7.99	15.0	3.510	94.6	2.2	0.9	0.5
752	12/27/2014 05:46:05	11.33	41.65	26.65	8.78	7.97	21.3	3.408	94.9	2.7	1.1	0.6
753	12/27/2014 06:01:05	11.27	41.68	26.66	8.73	7.97	20.6	3.324	94.3	2.9	1.2	0.7
754	12/27/2014 06:16:05	11.53	43.05	27.64	8.62	7.98	22.4	3.231	94.2	3.0	1.2	0.7
755	12/27/2014 06:31:05	11.67	42.89	27.53	8.62	7.99	22.7	3.114	94.4	2.5	1.0	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
756	12/27/2014 06:46:05	11.49	42.05	26.93	8.70	7.97	22.5	3.026	94.6	2.9	1.2	0.7
757	12/27/2014 07:01:05	11.44	42.20	27.03	8.71	7.97	14.4	2.941	94.7	2.0	0.8	0.5
758	12/27/2014 07:16:05	11.47	42.51	27.25	8.68	7.97	13.0	2.849	94.5	2.4	1.0	0.6
759	12/27/2014 07:31:05	11.32	41.86	26.79	8.74	7.96	13.0	2.764	94.6	2.7	1.1	0.7
760	12/27/2014 07:46:05	11.23	41.61	26.61	8.74	7.96	11.8	2.675	94.2	2.8	1.1	0.7
761	12/27/2014 08:01:05	11.20	41.47	26.51	8.74	7.95	11.7	2.584	94.1	2.8	1.1	0.7
762	12/27/2014 08:16:05	11.14	41.62	26.61	8.72	7.95	13.0	2.509	93.9	2.5	1.0	0.6
763	12/27/2014 08:31:05	11.12	40.93	26.13	8.76	7.94	13.9	2.417	94.0	2.8	1.1	0.7
764	12/27/2014 08:46:05	11.01	40.97	26.15	8.77	7.94	13.6	2.326	93.9	2.7	1.1	0.6
765	12/27/2014 09:01:05	10.93	40.46	25.79	8.80	7.94	15.5	2.261	93.8	2.9	1.2	0.7
766	12/27/2014 09:16:05	10.93	40.10	25.53	8.82	7.93	14.3	2.207	93.9	3.3	1.3	0.8
767	12/27/2014 09:31:05	10.91	39.94	25.42	8.83	7.93	14.1	2.168	93.9	3.0	1.2	0.7
768	12/27/2014 09:46:05	10.95	39.72	25.27	8.83	7.92	12.8	2.126	93.9	3.4	1.4	0.8
769	12/27/2014 10:01:05	11.05	40.20	25.61	8.77	7.93	14.2	2.128	93.6	2.7	1.1	0.6
770	12/27/2014 10:16:05	10.91	39.43	25.06	8.88	7.92	12.6	2.131	94.2	3.1	1.2	0.7
771	12/27/2014 10:31:05	11.00	39.80	25.33	8.82	7.93	12.2	2.156	94.0	2.3	0.9	0.6
772	12/27/2014 10:46:05	11.15	40.46	25.80	8.76	7.94	13.1	2.181	93.9	3.1	1.2	0.7
773	12/27/2014 11:01:05	11.14	40.47	25.80	8.74	7.93	13.8	2.217	93.6	3.2	1.3	0.7
774	12/27/2014 11:16:05	11.18	40.39	25.75	8.78	7.93	16.0	2.287	94.1	3.2	1.3	0.8
775	12/27/2014 11:31:05	10.97	39.05	24.80	8.87	7.90	13.3	2.364	94.0	3.0	1.2	0.7
776	12/27/2014 11:46:05	11.35	41.00	26.19	8.71	7.94	18.8	2.429	94.0	3.3	1.3	0.8
777	12/27/2014 12:01:05	11.44	41.62	26.62	8.67	7.95	18.6	2.508	94.0	2.6	1.0	0.6
778	12/27/2014 12:16:05	11.42	41.54	26.56	8.68	7.95	15.3	2.594	94.0	2.4	1.0	0.6
779	12/27/2014 12:31:05	11.46	42.11	26.97	8.63	7.96	15.1	2.660	93.8	3.2	1.3	0.7
780	12/27/2014 12:46:05	11.47	41.77	26.73	8.66	7.95	13.7	2.721	94.0	2.8	1.1	0.7
781	12/27/2014 13:01:05	11.62	42.04	26.93	8.70	7.96	11.3	2.793	94.8	2.5	1.0	0.6
782	12/27/2014 13:16:05	11.65	42.10	26.97	8.70	7.96	12.6	2.870	95.0	2.7	1.1	0.6
783	12/27/2014 13:31:05	11.72	42.36	27.16	8.70	7.96	10.8	2.925	95.2	3.1	1.2	0.7
784	12/27/2014 13:46:05	11.76	43.01	27.62	8.61	7.97	11.2	3.007	94.6	2.0	0.8	0.5
785	12/27/2014 14:01:05	11.81	43.10	27.69	8.59	7.97	9.8	3.069	94.4	2.5	1.0	0.6
786	12/27/2014 14:16:05	11.82	43.58	28.03	8.54	7.97	9.7	3.135	94.2	2.4	1.0	0.6
787	12/27/2014 14:31:05	11.84	44.07	28.38	8.47	7.98	10.5	3.204	93.6	1.9	0.8	0.5
788	12/27/2014 14:46:05	11.85	44.71	28.84	8.38	7.99	10.8	3.254	92.9	2.2	0.9	0.5
789	12/27/2014 15:01:05	11.85	45.18	29.17	8.30	7.99	12.2	3.325	92.2	1.9	0.8	0.5
790	12/27/2014 15:16:05	11.85	45.41	29.34	8.29	7.99	12.1	3.367	92.2	1.7	0.7	0.4
791	12/27/2014 15:31:05	11.86	45.29	29.25	8.28	7.99	9.0	3.397	92.0	2.2	0.9	0.5
792	12/27/2014 15:46:05	11.86	45.35	29.30	8.23	7.99	7.8	3.432	91.5	2.2	0.9	0.5
793	12/27/2014 16:01:05	11.86	45.43	29.35	8.24	7.99	8.3	3.429	91.7	1.7	0.7	0.4
794	12/27/2014 16:16:05	11.86	45.51	29.41	8.21	7.99	9.7	3.413	91.4	2.3	0.9	0.5
795	12/27/2014 16:31:05	11.86	45.25	29.22	8.24	7.99	10.0	3.397	91.6	3.5	1.4	0.8
796	12/27/2014 16:46:05	11.86	44.53	28.71	8.34	7.98	10.3	3.345	92.4	1.8	0.7	0.4
797	12/27/2014 17:01:05	11.83	43.45	27.94	8.48	7.98	14.8	3.286	93.5	2.5	1.0	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
798	12/27/2014 17:16:05	11.76	42.87	27.52	8.58	7.97	10.2	3.217	94.2	2.6	1.0	0.6
799	12/27/2014 17:31:05	11.77	43.06	27.66	8.59	7.97	12.4	3.130	94.4	2.7	1.1	0.6
800	12/27/2014 17:46:05	11.73	42.76	27.44	8.61	7.96	9.7	3.030	94.4	2.5	1.0	0.6
801	12/27/2014 18:01:05	11.63	42.20	27.04	8.68	7.96	9.8	2.936	94.7	2.1	0.8	0.5
802	12/27/2014 18:16:05	11.58	42.17	27.02	8.71	7.96	10.0	2.842	94.9	2.6	1.0	0.6
803	12/27/2014 18:31:05	11.53	41.83	26.77	8.75	7.96	9.8	2.745	95.1	2.2	0.9	0.5
804	12/27/2014 18:46:05	11.50	41.71	26.69	8.74	7.96	10.4	2.644	94.9	2.7	1.1	0.6
805	12/27/2014 19:01:05	11.44	41.35	26.44	8.76	7.95	12.2	2.528	94.9	2.3	0.9	0.6
806	12/27/2014 19:16:05	11.40	41.24	26.35	8.77	7.95	11.7	2.436	94.8	2.6	1.0	0.6
807	12/27/2014 19:31:05	11.36	40.68	25.96	8.79	7.94	11.8	2.331	94.7	2.5	1.0	0.6
808	12/27/2014 19:46:05	11.28	41.02	26.20	8.76	7.94	12.4	2.213	94.4	3.2	1.3	0.8
809	12/27/2014 20:01:05	11.22	40.48	25.81	8.84	7.94	12.6	2.105	94.9	2.8	1.1	0.7
810	12/27/2014 20:16:05	11.16	40.05	25.51	8.91	7.93	13.1	1.998	95.3	3.5	1.4	0.8
811	12/27/2014 20:31:05	11.10	39.90	25.40	8.92	7.93	13.4	1.885	95.3	3.0	1.2	0.7
812	12/27/2014 20:46:05	11.09	39.53	25.14	8.96	7.93	13.6	1.817	95.5	2.6	1.0	0.6
813	12/27/2014 21:01:05	11.07	39.37	25.03	8.97	7.92	12.3	1.718	95.5	3.0	1.2	0.7
814	12/27/2014 21:16:05	10.98	39.21	24.91	9.01	7.92	12.1	1.653	95.6	3.7	1.5	0.9
815	12/27/2014 21:31:05	10.97	39.05	24.80	9.03	7.92	12.2	1.635	95.7	2.9	1.2	0.7
816	12/27/2014 21:46:05	10.94	39.01	24.77	9.00	7.92	10.8	1.591	95.4	3.1	1.2	0.7
817	12/27/2014 22:01:05	10.98	39.17	24.89	8.99	7.92	11.8	1.589	95.4	3.0	1.2	0.7
818	12/27/2014 22:16:05	11.01	39.41	25.05	8.96	7.92	10.4	1.599	95.3	3.0	1.2	0.7
819	12/27/2014 22:31:05	11.11	39.64	25.22	8.91	7.92	10.7	1.646	95.0	2.7	1.1	0.6
820	12/27/2014 22:46:05	11.07	39.54	25.14	8.94	7.92	10.3	1.687	95.3	2.6	1.0	0.6
821	12/27/2014 23:01:05	11.04	39.34	25.00	8.94	7.92	10.5	1.751	95.0	3.5	1.4	0.8
822	12/27/2014 23:16:05	11.00	39.04	24.80	8.98	7.92	10.3	1.831	95.3	3.0	1.2	0.7
823	12/27/2014 23:31:05	11.04	38.91	24.70	8.94	7.91	11.1	1.899	94.9	2.7	1.1	0.6
824	12/27/2014 23:46:05	11.09	38.87	24.68	8.90	7.91	11.2	1.992	94.6	2.9	1.2	0.7
825	12/28/2014 00:01:05	11.18	39.37	25.03	8.86	7.91	11.1	2.064	94.5	2.6	1.0	0.6
826	12/28/2014 00:16:05	11.23	39.60	25.20	8.81	7.92	13.5	2.167	94.2	2.9	1.2	0.7
827	12/28/2014 00:31:05	11.28	39.92	25.42	8.77	7.92	13.3	2.252	94.0	2.9	1.2	0.7
828	12/28/2014 00:46:05	11.40	41.04	26.21	8.67	7.93	15.0	2.334	93.7	2.6	1.0	0.6
829	12/28/2014 01:01:05	11.48	41.65	26.65	8.62	7.94	16.2	2.443	93.6	2.1	0.8	0.5
830	12/28/2014 01:16:05	11.49	41.69	26.68	8.62	7.95	15.1	2.525	93.5	2.8	1.1	0.7
831	12/28/2014 01:31:05	11.53	42.05	26.94	8.59	7.95	19.1	2.624	93.5	2.3	0.9	0.5
832	12/28/2014 01:46:05	11.58	42.41	27.19	8.55	7.95	17.7	2.708	93.2	3.0	1.2	0.7
833	12/28/2014 02:01:05	11.56	42.42	27.20	8.55	7.96	17.7	2.808	93.3	2.8	1.1	0.7
834	12/28/2014 02:16:05	11.66	43.09	27.67	8.49	7.96	21.9	2.905	93.1	3.0	1.2	0.7
835	12/28/2014 02:31:05	11.68	43.29	27.82	8.48	7.97	20.5	3.006	93.0	2.5	1.0	0.6
836	12/28/2014 02:46:05	11.70	43.59	28.03	8.46	7.97	23.0	3.083	93.1	2.7	1.1	0.6
837	12/28/2014 03:01:05	11.79	44.35	28.58	8.44	7.98	25.2	3.176	93.3	3.1	1.2	0.7
838	12/28/2014 03:16:05	11.90	45.32	29.28	8.40	7.99	25.8	3.277	93.5	2.5	1.0	0.6
839	12/28/2014 03:31:05	12.02	46.28	29.97	8.37	8.01	25.6	3.368	93.8	2.3	0.9	0.5

sonde #2		Indian Island Long-Term Deployment								Water Quality Data		
			SpCond		DO Conc		Turbidity+	Depth		Chlorophyll	Corrected Chlorophyll	Fluorescence
Sample #	Date & Time	Temp C	mS/cm	Salinity ppt	mg/L	pH	NTU	meters	DO%	ug/L	(Corrected ratio = 0.40)	%FS
840	12/28/2014 03:46:05	12.06	46.68	30.25	8.35	8.01	22.1	3.440	93.9	2.5	1.0	0.6
841	12/28/2014 04:01:05	12.10	47.04	30.52	8.32	8.02	19.0	3.529	93.8	1.9	0.8	0.4
842	12/28/2014 04:16:05	12.09	47.52	30.86	8.27	8.02	18.6	3.604	93.4	2.1	0.8	0.5
843	12/28/2014 04:31:05	12.09	47.90	31.14	8.24	8.02	14.8	3.667	93.1	1.6	0.6	0.4
844	12/28/2014 04:46:05	12.09	48.14	31.31	8.20	8.02	12.0	3.697	92.8	1.5	0.6	0.4
845	12/28/2014 05:01:05	12.09	48.41	31.50	8.17	8.02	9.4	3.725	92.5	1.3	0.5	0.3
846	12/28/2014 05:16:05	12.09	48.40	31.50	8.09	8.02	6.7	3.738	91.6	1.6	0.6	0.4
847	12/28/2014 05:31:05	12.08	47.90	31.14	8.15	8.02	10.1	3.721	92.1	1.6	0.6	0.4
848	12/28/2014 05:46:05	12.04	47.92	31.15	8.18	8.01	11.4	3.681	92.4	1.6	0.6	0.4
849	12/28/2014 06:01:05	11.64	45.22	29.19	8.40	7.99	11.2	3.638	93.0	1.8	0.7	0.4
850	12/28/2014 06:16:05	11.53	44.23	28.48	8.48	7.99	10.2	3.578	93.1	1.6	0.6	0.4
851	12/28/2014 06:31:05	11.42	43.53	27.98	8.49	7.97	9.3	3.498	92.8	2.2	0.9	0.5
852	12/28/2014 06:46:05	11.47	43.73	28.12	8.48	7.97	12.3	3.398	92.8	1.8	0.7	0.4
853	12/28/2014 07:01:05	11.43	42.93	27.55	8.52	7.97	13.6	3.305	92.8	2.7	1.1	0.6
854	12/28/2014 07:16:05	11.50	43.68	28.09	8.48	7.98	13.8	3.215	92.9	3.0	1.2	0.7
855	12/28/2014 07:31:05	11.66	44.33	28.55	8.42	7.99	14.7	3.123	92.8	2.3	0.9	0.5
856	12/28/2014 07:46:05	11.28	42.49	27.23	8.54	7.96	10.9	3.030	92.6	2.5	1.0	0.6
857	12/28/2014 08:01:05	11.37	43.04	27.63	8.50	7.96	9.7	2.935	92.6	1.9	0.8	0.4
858	12/28/2014 08:16:05	11.36	43.34	27.84	8.50	7.97	8.1	2.840	92.7	2.0	0.8	0.5
859	12/28/2014 08:31:05	11.32	42.83	27.48	8.52	7.96	8.4	2.747	92.6	2.3	0.9	0.6
860	12/28/2014 08:46:05	11.36	43.16	27.72	8.51	7.96	8.3	2.638	92.7	2.0	0.8	0.5
861	12/28/2014 09:01:05	11.27	42.27	27.08	8.56	7.95	9.6	2.574	92.7	2.2	0.9	0.5
862	12/28/2014 09:16:05	11.23	41.90	26.82	8.58	7.95	10.0	2.489	92.7	1.8	0.7	0.4
863	12/28/2014 09:31:05	11.19	41.99	26.88	8.61	7.94	8.9	2.388	92.9	2.5	1.0	0.6
864	12/28/2014 09:46:05	11.15	41.90	26.81	8.61	7.94	9.1	2.307	92.9	2.2	0.9	0.5
865	12/28/2014 10:01:05	11.08	41.34	26.41	8.66	7.93	9.5	2.231	93.0	2.5	1.0	0.6
866	12/28/2014 10:16:05	11.06	40.99	26.16	8.69	7.93	9.0	2.158	93.2	2.4	1.0	0.6
867	12/28/2014 10:31:05	11.06	40.86	26.07	8.71	7.93	9.4	2.096	93.3	2.5	1.0	0.6
868	12/28/2014 10:46:05	11.02	40.59	25.88	8.73	7.92	8.8	2.066	93.3	2.4	1.0	0.6
869	12/28/2014 11:01:05	11.17	41.43	26.48	8.57	7.93	8.9	2.033	92.3	2.4	1.0	0.6
870	12/28/2014 11:16:05	11.06	40.47	25.80	8.75	7.92	7.7	2.004	93.6	2.7	1.1	0.7
871	12/28/2014 11:31:05	11.07	40.60	25.89	8.73	7.92	7.8	2.028	93.4	2.7	1.1	0.6
872	12/28/2014 11:46:05	11.13	41.03	26.20	8.63	7.93	8.3	2.060	92.7	2.3	0.9	0.5
873	12/28/2014 12:01:05	11.17	41.25	26.36	8.61	7.93	8.9	2.108	92.6	2.4	1.0	0.6
874	12/28/2014 12:16:05	11.13	40.97	26.15	8.65	7.92	8.9	2.162	92.8	2.8	1.1	0.7
875	12/28/2014 12:31:05	11.14	40.60	25.90	8.69	7.92	9.4	2.223	93.1	2.8	1.1	0.7
876	12/28/2014 12:46:05	11.20	40.96	26.15	8.62	7.92	10.7	2.288	92.6	2.5	1.0	0.6
877	12/28/2014 13:01:05	11.21	41.21	26.33	8.59	7.92	9.8	2.345	92.5	2.6	1.0	0.6
878	12/28/2014 13:16:05	11.29	41.86	26.79	8.52	7.93	10.4	2.421	92.1	2.6	1.0	0.6
879	12/28/2014 13:31:05	11.32	42.12	26.97	8.49	7.94	9.8	2.486	92.0	2.1	0.8	0.5
880	12/28/2014 13:46:05	11.34	42.35	27.14	8.48	7.94	10.0	2.552	92.0	2.5	1.0	0.6
881	12/28/2014 14:01:05	11.44	43.00	27.60	8.46	7.95	9.2	2.620	92.2	1.9	0.8	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
882	12/28/2014 14:16:05	11.48	42.88	27.52	8.47	7.95	8.5	2.676	92.4	2.4	1.0	0.6
883	12/28/2014 14:31:05	11.56	42.88	27.52	8.51	7.95	8.4	2.739	93.0	2.4	1.0	0.6
884	12/28/2014 14:46:05	11.59	43.01	27.62	8.51	7.96	7.7	2.791	93.1	1.8	0.7	0.4
885	12/28/2014 15:01:05	11.68	43.09	27.67	8.53	7.96	7.8	2.860	93.5	1.9	0.8	0.4
886	12/28/2014 15:16:05	11.70	43.43	27.92	8.50	7.96	7.9	2.913	93.4	1.8	0.7	0.4
887	12/28/2014 15:31:05	11.71	43.82	28.19	8.48	7.97	7.4	2.961	93.4	2.3	0.9	0.5
888	12/28/2014 15:46:05	11.68	44.51	28.69	8.36	7.98	7.5	3.023	92.3	1.4	0.6	0.3
889	12/28/2014 16:01:05	11.68	44.19	28.46	8.43	7.97	7.2	3.073	92.9	1.9	0.8	0.5
890	12/28/2014 16:16:05	11.73	44.29	28.53	8.44	7.97	7.2	3.122	93.1	1.8	0.7	0.4
891	12/28/2014 16:31:05	11.72	44.49	28.67	8.42	7.98	7.1	3.170	93.0	2.5	1.0	0.6
892	12/28/2014 16:46:05	11.72	44.82	28.91	8.37	7.98	6.9	3.203	92.6	1.9	0.8	0.5
893	12/28/2014 17:01:05	11.72	45.05	29.08	8.27	7.98	6.7	3.208	91.5	2.0	0.8	0.5
894	12/28/2014 17:16:05	11.73	45.17	29.16	8.20	7.98	5.7	3.230	90.9	2.0	0.8	0.5
895	12/28/2014 17:31:05	11.75	44.64	28.78	8.32	7.98	6.8	3.207	92.1	2.4	1.0	0.6
896	12/28/2014 17:46:05	11.72	44.54	28.71	8.36	7.98	8.1	3.171	92.4	1.7	0.7	0.4
897	12/28/2014 18:01:05	11.66	44.37	28.59	8.37	7.97	9.4	3.148	92.3	2.3	0.9	0.5
898	12/28/2014 18:16:05	11.42	43.98	28.30	8.60	7.97	13.3	3.079	94.1	2.5	1.0	0.6
899	12/28/2014 18:31:05	11.45	43.65	28.07	8.63	7.97	11.4	3.021	94.4	2.5	1.0	0.6
900	12/28/2014 18:46:05	11.43	43.56	28.00	8.63	7.97	10.0	2.939	94.3	2.8	1.1	0.7
901	12/28/2014 19:01:05	11.42	43.50	27.95	8.64	7.97	9.1	2.865	94.3	2.6	1.0	0.6
902	12/28/2014 19:16:05	11.39	42.93	27.55	8.67	7.96	8.9	2.773	94.4	2.3	0.9	0.5
903	12/28/2014 19:31:05	11.36	42.83	27.48	8.65	7.96	9.2	2.710	94.1	2.4	1.0	0.6
904	12/28/2014 19:46:05	11.32	42.76	27.43	8.65	7.95	9.3	2.627	93.9	2.1	0.8	0.5
905	12/28/2014 20:01:05	11.22	42.16	27.00	8.70	7.95	12.6	2.523	94.1	2.6	1.0	0.6
906	12/28/2014 20:16:05	11.17	41.66	26.65	8.78	7.95	10.7	2.461	94.7	2.7	1.1	0.6
907	12/28/2014 20:31:05	11.15	41.72	26.68	8.80	7.95	10.7	2.364	94.8	2.7	1.1	0.7
908	12/28/2014 20:46:05	11.12	41.48	26.51	8.83	7.95	10.6	2.285	95.0	2.9	1.2	0.7
909	12/28/2014 21:01:05	11.07	41.22	26.33	8.85	7.94	10.9	2.208	94.9	2.7	1.1	0.7
910	12/28/2014 21:16:05	11.06	41.14	26.27	8.88	7.94	10.8	2.101	95.2	2.3	0.9	0.6
911	12/28/2014 21:31:05	11.01	40.77	26.01	8.96	7.94	11.2	2.046	95.9	2.5	1.0	0.6
912	12/28/2014 21:46:05	11.01	40.70	25.96	8.96	7.94	11.9	1.974	95.8	2.8	1.1	0.7
913	12/28/2014 22:01:05	11.00	40.62	25.90	8.93	7.94	12.0	1.915	95.4	2.5	1.0	0.6
914	12/28/2014 22:16:05	11.01	40.38	25.73	8.94	7.94	10.6	1.877	95.4	3.2	1.3	0.8
915	12/28/2014 22:31:05	10.96	40.32	25.69	8.94	7.94	10.8	1.839	95.3	3.1	1.2	0.7
916	12/28/2014 22:46:05	11.01	40.67	25.94	8.87	7.94	10.9	1.820	94.8	2.9	1.2	0.7
917	12/28/2014 23:01:05	11.09	40.96	26.14	8.78	7.93	9.8	1.827	94.1	2.9	1.2	0.7
918	12/28/2014 23:16:05	10.86	40.08	25.52	9.10	7.94	9.0	1.863	96.7	2.7	1.1	0.6
919	12/28/2014 23:31:05	10.99	40.64	25.92	8.94	7.94	9.5	1.883	95.5	2.4	1.0	0.6
920	12/28/2014 23:46:05	11.11	40.96	26.15	8.81	7.93	10.1	1.937	94.5	2.5	1.0	0.6
921	12/29/2014 00:01:05	11.03	40.55	25.85	8.85	7.93	10.2	1.998	94.6	2.6	1.0	0.6
922	12/29/2014 00:16:05	11.01	40.37	25.73	8.88	7.93	10.1	2.060	94.9	1.8	0.7	0.4
923	12/29/2014 00:31:05	11.04	40.35	25.71	8.84	7.92	10.6	2.145	94.5	3.5	1.4	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
924	12/29/2014 00:46:05	11.12	40.85	26.07	8.75	7.92	10.0	2.211	93.8	3.1	1.2	0.7
925	12/29/2014 01:01:05	11.15	40.92	26.12	8.73	7.92	10.2	2.287	93.7	3.2	1.3	0.8
926	12/29/2014 01:16:05	11.17	41.18	26.30	8.73	7.93	10.0	2.369	93.9	2.3	0.9	0.5
927	12/29/2014 01:31:05	11.25	41.77	26.72	8.65	7.94	9.9	2.452	93.4	2.6	1.0	0.6
928	12/29/2014 01:46:05	11.38	42.74	27.42	8.54	7.94	11.0	2.538	92.9	2.5	1.0	0.6
929	12/29/2014 02:01:05	11.37	42.66	27.36	8.54	7.95	10.8	2.623	92.9	2.7	1.1	0.6
930	12/29/2014 02:16:05	11.35	42.71	27.39	8.55	7.95	9.8	2.707	92.9	2.1	0.8	0.5
931	12/29/2014 02:31:05	11.41	43.21	27.75	8.52	7.95	10.4	2.790	92.9	1.7	0.7	0.4
932	12/29/2014 02:46:05	11.56	44.12	28.40	8.43	7.96	13.4	2.882	92.6	2.3	0.9	0.5
933	12/29/2014 03:01:05	11.61	44.47	28.66	8.41	7.97	16.0	2.961	92.7	1.8	0.7	0.4
934	12/29/2014 03:16:05	11.67	44.90	28.96	8.38	7.98	17.3	3.062	92.7	3.1	1.2	0.7
935	12/29/2014 03:31:05	11.68	45.08	29.09	8.38	7.98	16.4	3.153	92.7	2.2	0.9	0.5
936	12/29/2014 03:46:05	11.70	45.35	29.29	8.39	7.98	18.7	3.237	92.9	2.1	0.8	0.5
937	12/29/2014 04:01:05	11.79	46.01	29.76	8.39	7.99	19.5	3.338	93.4	2.5	1.0	0.6
938	12/29/2014 04:16:05	11.90	46.78	30.32	8.38	8.00	16.6	3.433	93.9	1.6	0.6	0.4
939	12/29/2014 04:31:05	11.96	47.18	30.61	8.39	8.01	15.6	3.512	94.2	2.1	0.8	0.5
940	12/29/2014 04:46:05	12.00	47.52	30.86	8.38	8.01	13.9	3.595	94.3	1.9	0.8	0.4
941	12/29/2014 05:01:05	12.01	47.70	30.99	8.37	8.02	12.0	3.666	94.4	2.0	0.8	0.5
942	12/29/2014 05:16:05	12.05	47.89	31.13	8.36	8.02	9.6	3.721	94.4	1.4	0.6	0.3
943	12/29/2014 05:31:05	12.08	48.02	31.23	8.35	8.02	8.3	3.772	94.4	1.2	0.5	0.3
944	12/29/2014 05:46:05	12.12	48.21	31.36	8.34	8.02	6.8	3.798	94.4	1.4	0.6	0.3
945	12/29/2014 06:01:05	12.13	48.26	31.40	8.28	8.02	5.6	3.823	93.9	1.7	0.7	0.4
946	12/29/2014 06:16:05	12.10	48.12	31.29	8.30	8.02	7.5	3.822	94.0	1.8	0.7	0.4
947	12/29/2014 06:31:05	12.13	48.25	31.39	8.28	8.02	8.3	3.797	93.9	1.5	0.6	0.3
948	12/29/2014 06:46:05	12.12	48.20	31.36	8.30	8.02	7.9	3.747	94.0	1.4	0.6	0.3
949	12/29/2014 07:01:05	11.75	46.57	30.17	8.36	8.00	9.9	3.689	93.3	2.1	0.8	0.5
950	12/29/2014 07:16:05	11.25	44.61	28.74	8.48	7.97	8.4	3.611	92.8	1.7	0.7	0.4
951	12/29/2014 07:31:04	11.23	44.30	28.52	8.50	7.97	7.1	3.520	92.8	2.0	0.8	0.5
952	12/29/2014 07:46:05	11.17	44.14	28.40	8.51	7.97	8.2	3.433	92.7	2.1	0.8	0.5
953	12/29/2014 08:01:05	11.14	43.77	28.14	8.53	7.97	8.4	3.332	92.7	2.4	1.0	0.6
954	12/29/2014 08:16:05	11.03	43.29	27.79	8.55	7.96	7.7	3.240	92.6	1.9	0.8	0.5
955	12/29/2014 08:31:05	11.12	43.53	27.97	8.53	7.96	7.6	3.158	92.6	2.3	0.9	0.6
956	12/29/2014 08:46:05	11.33	44.24	28.48	8.44	7.97	11.0	3.042	92.4	1.8	0.7	0.4
957	12/29/2014 09:01:05	11.15	43.63	28.04	8.50	7.96	7.5	2.954	92.4	1.9	0.8	0.4
958	12/29/2014 09:16:05	11.20	43.59	28.01	8.50	7.96	7.8	2.867	92.4	2.4	1.0	0.6
959	12/29/2014 09:31:05	11.19	43.36	27.85	8.53	7.96	7.9	2.766	92.7	2.0	0.8	0.5
960	12/29/2014 09:46:05	11.27	43.69	28.09	8.54	7.96	7.1	2.669	93.1	1.9	0.8	0.4
961	12/29/2014 10:01:05	11.11	42.75	27.41	8.58	7.95	8.7	2.564	92.8	2.1	0.8	0.5
962	12/29/2014 10:16:05	11.11	42.58	27.29	8.63	7.95	8.8	2.471	93.2	2.1	0.8	0.5
963	12/29/2014 10:31:05	11.17	42.70	27.38	8.65	7.95	7.3	2.382	93.6	2.5	1.0	0.6
964	12/29/2014 10:46:05	11.19	42.68	27.37	8.67	7.95	7.0	2.277	93.9	2.4	1.0	0.6
965	12/29/2014 11:01:05	11.15	42.17	27.00	8.71	7.94	7.4	2.192	94.1	2.6	1.0	0.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence %FS
			mS/cm		mg/L		NTU			ug/L	(Corrected ratio = 0.40)	
966	12/29/2014 11:16:05	11.14	41.96	26.85	8.75	7.94	7.4	2.107	94.3	2.6	1.0	0.6
967	12/29/2014 11:31:05	11.08	41.57	26.58	8.77	7.94	7.6	2.048	94.3	2.5	1.0	0.6
968	12/29/2014 11:46:05	11.13	41.64	26.63	8.80	7.95	7.3	1.988	94.8	2.0	0.8	0.5
969	12/29/2014 12:01:05	11.15	41.61	26.60	8.82	7.95	7.2	1.941	95.0	2.5	1.0	0.6
970	12/29/2014 12:16:05	11.14	42.22	27.04	8.59	7.94	7.5	1.923	92.8	2.1	0.8	0.5
971	12/29/2014 12:31:05	11.16	41.33	26.41	8.78	7.94	7.3	1.906	94.5	2.1	0.8	0.5
972	12/29/2014 12:46:05	11.07	41.33	26.41	8.77	7.93	7.2	1.922	94.2	2.6	1.0	0.6
973	12/29/2014 13:01:05	11.14	41.74	26.70	8.73	7.94	7.9	1.939	94.0	2.3	0.9	0.5
974	12/29/2014 13:16:05	11.15	41.72	26.68	8.69	7.94	7.0	1.985	93.6	2.4	1.0	0.6
975	12/29/2014 13:31:05	11.15	41.88	26.80	8.66	7.93	8.3	2.050	93.3	2.2	0.9	0.5
976	12/29/2014 13:46:05	11.09	41.16	26.29	8.74	7.92	9.2	2.091	93.8	2.7	1.1	0.6
977	12/29/2014 14:01:05	11.05	41.15	26.28	8.68	7.92	9.4	2.176	93.1	2.3	0.9	0.5
978	12/29/2014 14:16:05	11.07	41.52	26.54	8.63	7.93	9.1	2.239	92.7	2.6	1.0	0.6
979	12/29/2014 14:31:05	11.07	41.48	26.51	8.63	7.92	8.8	2.306	92.7	3.0	1.2	0.7
980	12/29/2014 14:46:05	11.13	42.11	26.96	8.56	7.93	8.3	2.369	92.4	2.0	0.8	0.5
981	12/29/2014 15:01:05	11.15	42.27	27.07	8.56	7.93	7.5	2.441	92.5	2.2	0.9	0.5
982	12/29/2014 15:16:05	11.20	42.51	27.24	8.54	7.94	7.3	2.507	92.5	1.9	0.8	0.5
983	12/29/2014 15:31:05	11.26	42.93	27.55	8.51	7.94	7.3	2.560	92.5	1.9	0.8	0.5
984	12/29/2014 15:46:05	11.30	43.27	27.78	8.50	7.95	7.0	2.616	92.6	2.1	0.8	0.5
985	12/29/2014 16:01:05	11.32	43.56	27.99	8.50	7.95	7.0	2.675	92.7	2.3	0.9	0.5
986	12/29/2014 16:16:05	11.31	43.60	28.02	8.52	7.95	7.3	2.737	92.9	2.4	1.0	0.6
987	12/29/2014 16:31:05	11.31	43.63	28.05	8.55	7.96	6.9	2.804	93.2	2.1	0.8	0.5
988	12/29/2014 16:46:05	11.32	43.86	28.21	8.54	7.96	6.8	2.849	93.2	2.3	0.9	0.6
989	12/29/2014 17:01:05	11.34	44.17	28.43	8.51	7.96	6.4	2.905	93.1	1.8	0.7	0.4
990	12/29/2014 17:16:05	11.43	44.56	28.71	8.40	7.96	6.8	2.957	92.2	2.1	0.8	0.5
991	12/29/2014 17:31:05	11.44	44.68	28.80	8.42	7.97	6.8	3.001	92.5	2.1	0.8	0.5
992	12/29/2014 17:46:05	11.41	44.75	28.84	8.43	7.97	6.4	3.034	92.5	1.9	0.8	0.5
993	12/29/2014 18:01:05	11.49	44.97	29.01	8.38	7.97	6.9	3.070	92.3	2.0	0.8	0.5
994	12/29/2014 18:16:04	11.46	44.92	28.97	8.37	7.97	6.6	3.099	92.1	1.8	0.7	0.4
995	12/29/2014 18:31:05	11.45	44.97	29.00	8.37	7.97	6.1	3.113	92.2	2.2	0.9	0.5
996	12/29/2014 18:46:05	11.49	44.98	29.02	8.34	7.97	6.5	3.102	91.9	1.9	0.8	0.5
997	12/29/2014 19:01:05	11.43	44.74	28.84	8.37	7.97	7.7	3.088	91.9	2.0	0.8	0.5
998	12/29/2014 19:16:05	11.42	44.72	28.82	8.37	7.97	7.1	3.068	92.0	2.0	0.8	0.5
999	12/29/2014 19:31:05	11.34	44.41	28.60	8.39	7.96	7.5	3.010	91.9	2.0	0.8	0.5
1000	12/29/2014 19:46:05	10.93	43.30	27.79	8.65	7.95	11.4	2.960	93.4	2.6	1.0	0.6
1001	12/29/2014 20:01:05	10.96	43.95	28.25	8.59	7.96	8.4	2.895	93.0	2.2	0.9	0.5
1002	12/29/2014 20:16:05	10.99	44.02	28.31	8.59	7.96	7.9	2.838	93.2	1.8	0.7	0.4
1003	12/29/2014 20:31:05	10.96	43.93	28.24	8.61	7.96	8.0	2.763	93.3	2.1	0.8	0.5
1004	12/29/2014 20:46:05	10.90	43.51	27.94	8.64	7.96	8.1	2.696	93.3	2.2	0.9	0.5
1005	12/29/2014 21:01:05	10.84	42.98	27.57	8.62	7.94	7.8	2.619	92.8	2.1	0.8	0.5
1006	12/29/2014 21:16:05	10.83	42.78	27.42	8.62	7.94	8.1	2.545	92.7	1.9	0.8	0.5
1007	12/29/2014 21:31:05	10.66	42.84	27.45	8.72	7.95	9.0	2.473	93.4	1.8	0.7	0.4

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+ NTU	Depth meters	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence %FS
			mS/cm		mg/L	pH				ug/L	(Corrected ratio = 0.40)	
1008	12/29/2014 21:46:05	10.65	42.45	27.18	8.74	7.95	9.2	2.403	93.4	2.4	1.0	0.6
1009	12/29/2014 22:01:05	10.57	42.57	27.26	8.76	7.95	9.5	2.330	93.5	2.2	0.9	0.5
1010	12/29/2014 22:16:05	10.56	42.07	26.91	8.80	7.94	9.1	2.272	93.7	2.2	0.9	0.5
1011	12/29/2014 22:31:05	10.48	42.13	26.94	8.80	7.94	9.1	2.201	93.6	2.7	1.1	0.6
1012	12/29/2014 22:46:05	10.48	41.98	26.84	8.80	7.94	9.0	2.153	93.6	2.2	0.9	0.5
1013	12/29/2014 23:01:05	10.49	41.91	26.79	8.78	7.94	9.1	2.113	93.3	2.6	1.0	0.6
1014	12/29/2014 23:16:05	10.58	41.77	26.69	8.76	7.94	8.6	2.066	93.2	2.9	1.2	0.7
1015	12/29/2014 23:31:05	10.48	41.89	26.77	8.72	7.93	8.8	2.034	92.6	2.5	1.0	0.6
1016	12/29/2014 23:46:05	10.59	42.21	27.01	8.67	7.93	9.4	2.014	92.4	2.6	1.0	0.6
1017	12/30/2014 00:01:04	10.48	41.60	26.57	8.82	7.94	8.5	2.017	93.6	2.6	1.0	0.6
1018	12/30/2014 00:16:05	10.40	41.59	26.56	8.86	7.94	9.0	2.029	93.9	2.2	0.9	0.5
1019	12/30/2014 00:31:05	10.26	41.29	26.34	8.96	7.94	8.0	2.065	94.4	2.6	1.0	0.6
1020	12/30/2014 00:46:05	10.79	42.36	27.12	8.63	7.93	8.3	2.097	92.5	2.5	1.0	0.6
1021	12/30/2014 01:01:05	10.70	42.28	27.06	8.64	7.93	9.1	2.138	92.4	2.5	1.0	0.6
1022	12/30/2014 01:16:05	10.42	41.63	26.59	8.82	7.93	10.5	2.208	93.4	2.4	1.0	0.6
1023	12/30/2014 01:31:05	10.43	41.35	26.39	8.86	7.94	9.1	2.270	93.8	3.0	1.2	0.7
1024	12/30/2014 01:46:05	10.72	41.91	26.80	8.68	7.93	8.4	2.338	92.7	2.7	1.1	0.6
1025	12/30/2014 02:01:05	10.73	41.88	26.78	8.68	7.93	8.9	2.417	92.8	2.3	0.9	0.5
1026	12/30/2014 02:16:05	10.78	42.21	27.01	8.66	7.93	8.4	2.488	92.8	2.5	1.0	0.6
1027	12/30/2014 02:31:05	10.98	43.10	27.65	8.57	7.95	8.4	2.572	92.6	2.2	0.9	0.5
1028	12/30/2014 02:46:05	11.04	43.43	27.89	8.53	7.95	9.0	2.640	92.4	2.2	0.9	0.5
1029	12/30/2014 03:01:05	11.06	43.60	28.01	8.53	7.95	9.4	2.725	92.5	1.9	0.8	0.4
1030	12/30/2014 03:16:05	11.03	43.66	28.06	8.54	7.96	9.8	2.810	92.6	1.7	0.7	0.4
1031	12/30/2014 03:31:05	10.94	43.90	28.22	8.58	7.96	8.6	2.900	92.9	2.0	0.8	0.5
1032	12/30/2014 03:46:05	11.38	45.05	29.06	8.42	7.97	12.7	2.978	92.5	1.7	0.7	0.4
1033	12/30/2014 04:01:05	11.45	45.40	29.31	8.42	7.98	13.6	3.075	92.8	2.2	0.9	0.5
1034	12/30/2014 04:16:05	11.54	45.70	29.53	8.39	7.99	14.5	3.160	92.8	1.9	0.8	0.5
1035	12/30/2014 04:31:05	11.52	45.88	29.66	8.41	7.99	13.3	3.253	93.1	1.8	0.7	0.4
1036	12/30/2014 04:46:05	11.54	46.09	29.81	8.42	7.99	13.0	3.344	93.3	2.0	0.8	0.5
1037	12/30/2014 05:01:05	11.58	46.49	30.10	8.43	8.00	13.3	3.428	93.7	2.0	0.8	0.5
1038	12/30/2014 05:16:05	11.71	47.07	30.52	8.43	8.01	14.2	3.515	94.1	2.0	0.8	0.5
1039	12/30/2014 05:31:05	11.75	47.41	30.77	8.42	8.02	12.2	3.597	94.3	1.6	0.6	0.4
1040	12/30/2014 05:46:05	11.74	47.59	30.90	8.43	8.02	11.4	3.664	94.5	1.3	0.5	0.3
1041	12/30/2014 06:01:05	11.75	47.86	31.09	8.43	8.03	9.2	3.730	94.6	2.1	0.8	0.5
1042	12/30/2014 06:16:05	11.77	47.98	31.18	8.42	8.03	7.9	3.778	94.6	2.1	0.8	0.5
1043	12/30/2014 06:31:05	11.78	48.10	31.27	8.42	8.03	6.2	3.808	94.7	1.5	0.6	0.4
1044	12/30/2014 06:46:05	11.78	48.17	31.32	8.37	8.03	5.0	3.838	94.1	1.7	0.7	0.4
1045	12/30/2014 07:01:05	11.76	48.07	31.24	8.34	8.02	5.4	3.840	93.7	1.5	0.6	0.4
1046	12/30/2014 07:16:05	11.76	48.18	31.33	8.39	8.03	6.8	3.820	94.3	2.2	0.9	0.5
1047	12/30/2014 07:31:05	11.54	47.50	30.82	8.43	8.02	9.7	3.784	94.0	1.8	0.7	0.4
1048	12/30/2014 07:46:05	11.35	47.30	30.67	8.50	8.02	10.8	3.734	94.3	1.9	0.8	0.4
1049	12/30/2014 08:01:05	11.34	47.21	30.60	8.52	8.02	8.1	3.643	94.5	1.8	0.7	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
1050	12/30/2014 08:16:05	10.97	45.93	29.67	8.62	8.00	6.7	3.564	94.3	1.7	0.7	0.4
1051	12/30/2014 08:31:05	10.92	45.75	29.54	8.62	8.00	6.4	3.491	94.1	1.9	0.8	0.5
1052	12/30/2014 08:46:05	10.84	45.49	29.34	8.60	7.99	7.9	3.393	93.6	2.5	1.0	0.6
1053	12/30/2014 09:01:05	10.79	44.98	28.98	8.60	7.98	8.1	3.293	93.3	2.1	0.8	0.5
1054	12/30/2014 09:16:05	10.74	45.05	29.03	8.61	7.98	7.6	3.199	93.4	1.9	0.8	0.5
1055	12/30/2014 09:31:05	10.75	45.07	29.04	8.61	7.98	7.1	3.109	93.3	1.8	0.7	0.4
1056	12/30/2014 09:46:05	10.67	44.39	28.56	8.65	7.97	7.3	3.005	93.3	1.5	0.6	0.4
1057	12/30/2014 10:01:05	10.78	44.99	28.98	8.63	7.98	7.0	2.899	93.6	2.4	1.0	0.6
1058	12/30/2014 10:16:05	10.52	44.08	28.33	8.75	7.97	6.8	2.805	94.0	2.4	1.0	0.6
1059	12/30/2014 10:31:05	10.40	43.63	28.00	8.82	7.97	7.2	2.706	94.3	1.9	0.8	0.4
1060	12/30/2014 10:46:05	10.28	42.86	27.45	8.91	7.96	7.5	2.586	94.6	2.4	1.0	0.6
1061	12/30/2014 11:01:05	10.29	42.86	27.45	8.91	7.96	7.8	2.481	94.7	2.2	0.9	0.5
1062	12/30/2014 11:16:05	10.33	42.93	27.50	9.01	7.96	7.3	2.378	95.9	2.4	1.0	0.6
1063	12/30/2014 11:31:04	10.38	42.87	27.46	9.04	7.96	8.2	2.269	96.2	2.0	0.8	0.5
1064	12/30/2014 11:46:05	10.47	42.76	27.39	9.14	7.97	10.0	2.160	97.4	2.5	1.0	0.6
1065	12/30/2014 12:01:05	10.28	42.14	26.94	9.14	7.96	9.7	2.049	96.8	2.2	0.9	0.5
1066	12/30/2014 12:16:05	10.24	41.96	26.81	9.21	7.96	13.5	1.958	97.3	2.5	1.0	0.6
1067	12/30/2014 12:31:05	10.35	42.02	26.86	9.28	7.97	10.9	1.870	98.4	2.6	1.0	0.6
1068	12/30/2014 12:46:05	10.23	41.88	26.75	9.19	7.96	12.6	1.800	97.1	2.6	1.0	0.6
1069	12/30/2014 13:01:05	10.19	41.69	26.62	9.23	7.96	10.8	1.729	97.4	2.4	1.0	0.6
1070	12/30/2014 13:16:05	10.13	41.57	26.53	9.18	7.95	9.9	1.705	96.6	2.9	1.2	0.7
1071	12/30/2014 13:31:05	10.17	41.55	26.52	9.18	7.96	9.4	1.699	96.8	2.6	1.0	0.6
1072	12/30/2014 13:46:05	10.23	42.06	26.88	9.03	7.95	10.2	1.689	95.5	2.4	1.0	0.6
1073	12/30/2014 14:01:05	10.37	41.96	26.82	9.18	7.96	10.0	1.718	97.3	2.4	1.0	0.6
1074	12/30/2014 14:16:05	10.41	42.06	26.89	9.14	7.96	9.4	1.767	97.0	2.4	1.0	0.6
1075	12/30/2014 14:31:05	10.32	42.03	26.86	9.09	7.95	9.1	1.814	96.3	2.7	1.1	0.7
1076	12/30/2014 14:46:05	10.36	42.16	26.96	9.05	7.95	8.3	1.881	96.0	2.4	1.0	0.6
1077	12/30/2014 15:01:05	10.34	41.80	26.71	9.09	7.94	8.6	1.944	96.2	2.9	1.2	0.7
1078	12/30/2014 15:16:05	10.30	41.62	26.57	9.06	7.94	9.3	2.013	95.7	2.6	1.0	0.6
1079	12/30/2014 15:31:05	10.30	41.83	26.73	8.99	7.94	9.4	2.091	95.1	2.0	0.8	0.5
1080	12/30/2014 15:46:05	10.29	41.90	26.78	8.95	7.94	8.5	2.144	94.7	2.3	0.9	0.5
1081	12/30/2014 16:01:05	10.31	42.18	26.97	8.90	7.94	9.0	2.217	94.3	2.3	0.9	0.5
1082	12/30/2014 16:16:05	10.33	42.36	27.10	8.86	7.94	8.9	2.289	94.0	2.4	1.0	0.6
1083	12/30/2014 16:31:05	10.44	42.78	27.40	8.78	7.95	8.2	2.354	93.6	2.3	0.9	0.5
1084	12/30/2014 16:46:05	10.50	42.94	27.52	8.75	7.95	8.4	2.428	93.5	2.7	1.1	0.7
1085	12/30/2014 17:01:05	10.60	43.42	27.86	8.69	7.95	8.1	2.499	93.2	2.0	0.8	0.5
1086	12/30/2014 17:16:05	10.64	43.71	28.07	8.66	7.95	8.0	2.558	93.1	2.1	0.8	0.5
1087	12/30/2014 17:31:05	10.66	43.87	28.18	8.64	7.96	7.5	2.628	93.0	2.6	1.0	0.6
1088	12/30/2014 17:46:05	10.67	44.07	28.33	8.63	7.96	7.8	2.694	93.0	2.0	0.8	0.5
1089	12/30/2014 18:01:05	10.70	44.24	28.45	8.62	7.96	8.2	2.748	93.0	2.0	0.8	0.5
1090	12/30/2014 18:16:05	10.73	44.38	28.55	8.61	7.96	8.1	2.815	93.0	2.3	0.9	0.5
1091	12/30/2014 18:31:05	10.75	44.55	28.67	8.61	7.97	8.1	2.873	93.1	2.0	0.8	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
1092	12/30/2014 18:46:05	10.77	44.66	28.75	8.61	7.97	7.6	2.922	93.2	2.1	0.8	0.5
1093	12/30/2014 19:01:05	10.74	44.65	28.74	8.64	7.97	7.0	2.974	93.5	2.2	0.9	0.5
1094	12/30/2014 19:16:05	10.78	44.85	28.89	8.64	7.97	8.3	3.012	93.6	2.3	0.9	0.5
1095	12/30/2014 19:31:05	10.80	44.92	28.94	8.63	7.97	7.9	3.038	93.6	1.9	0.8	0.5
1096	12/30/2014 19:46:05	10.81	44.95	28.96	8.61	7.98	8.8	3.071	93.4	2.1	0.8	0.5
1097	12/30/2014 20:01:05	10.80	44.90	28.92	8.54	7.97	7.0	3.081	92.7	1.9	0.8	0.5
1098	12/30/2014 20:16:05	10.84	45.03	29.02	8.53	7.97	7.1	3.063	92.7	2.1	0.8	0.5
1099	12/30/2014 20:31:05	10.80	44.90	28.92	8.55	7.97	6.9	3.053	92.8	1.8	0.7	0.4
1100	12/30/2014 20:46:05	10.70	44.53	28.65	8.56	7.97	7.5	3.022	92.5	2.4	1.0	0.6
1101	12/30/2014 21:01:05	10.26	43.76	28.09	8.71	7.96	7.7	2.965	92.9	2.5	1.0	0.6
1102	12/30/2014 21:16:05	10.04	43.50	27.89	8.87	7.96	9.7	2.915	94.0	2.2	0.9	0.5
1103	12/30/2014 21:31:05	10.15	44.13	28.34	8.74	7.96	7.9	2.853	93.2	2.2	0.9	0.5
1104	12/30/2014 21:46:05	10.15	44.45	28.57	8.71	7.96	8.4	2.789	93.0	1.6	0.6	0.4
1105	12/30/2014 22:01:05	10.09	44.16	28.36	8.76	7.96	8.6	2.722	93.2	2.5	1.0	0.6
1106	12/30/2014 22:16:05	10.03	43.94	28.20	8.78	7.96	9.0	2.645	93.2	1.9	0.8	0.5
1107	12/30/2014 22:31:05	9.92	43.48	27.87	8.79	7.95	8.4	2.593	92.9	2.0	0.8	0.5
1108	12/30/2014 22:46:05	9.73	43.24	27.69	8.83	7.95	8.4	2.515	92.9	2.3	0.9	0.5
1109	12/30/2014 23:01:05	9.79	42.64	27.27	8.85	7.94	7.6	2.448	92.9	2.5	1.0	0.6
1110	12/30/2014 23:16:05	9.64	42.70	27.30	8.92	7.95	8.1	2.384	93.3	2.5	1.0	0.6
1111	12/30/2014 23:31:05	9.53	42.68	27.28	8.99	7.95	8.4	2.328	93.8	2.4	1.0	0.6
1112	12/30/2014 23:46:05	9.58	42.46	27.13	9.01	7.95	7.5	2.276	94.1	2.3	0.9	0.5
1113	12/31/2014 00:01:05	9.58	42.52	27.17	8.98	7.95	7.4	2.237	93.8	2.2	0.9	0.5
1114	12/31/2014 00:16:05	9.67	42.37	27.07	8.93	7.94	6.7	2.205	93.4	2.5	1.0	0.6
1115	12/31/2014 00:31:05	9.82	42.78	27.37	8.73	7.94	6.1	2.167	91.8	2.5	1.0	0.6
1116	12/31/2014 00:46:05	9.71	42.79	27.37	8.86	7.95	7.6	2.175	92.9	2.8	1.1	0.7
1117	12/31/2014 01:01:05	9.63	42.68	27.29	8.82	7.94	7.9	2.161	92.3	2.4	1.0	0.6
1118	12/31/2014 01:16:05	9.54	42.44	27.12	8.97	7.95	7.3	2.182	93.5	2.9	1.2	0.7
1119	12/31/2014 01:31:05	9.34	42.07	26.84	9.14	7.96	6.5	2.213	94.7	2.5	1.0	0.6
1120	12/31/2014 01:46:05	9.87	42.80	27.39	8.83	7.94	7.2	2.240	92.9	2.3	0.9	0.5
1121	12/31/2014 02:01:05	9.90	42.94	27.49	8.80	7.94	7.0	2.292	92.8	2.8	1.1	0.7
1122	12/31/2014 02:16:05	9.56	42.55	27.19	8.92	7.95	7.3	2.346	93.1	2.2	0.9	0.5
1123	12/31/2014 02:31:05	9.89	42.96	27.50	8.81	7.94	7.5	2.401	92.8	2.7	1.1	0.6
1124	12/31/2014 02:46:05	10.06	43.16	27.65	8.76	7.94	7.9	2.467	92.7	2.2	0.9	0.5
1125	12/31/2014 03:01:05	10.14	43.47	27.88	8.71	7.95	7.2	2.541	92.5	2.5	1.0	0.6
1126	12/31/2014 03:16:05	10.22	43.74	28.07	8.69	7.95	6.9	2.611	92.6	2.2	0.9	0.5
1127	12/31/2014 03:31:05	10.13	43.72	28.05	8.72	7.95	7.5	2.685	92.7	2.3	0.9	0.5
1128	12/31/2014 03:46:05	10.08	43.86	28.15	8.74	7.96	7.3	2.764	92.9	2.1	0.8	0.5
1129	12/31/2014 04:01:05	10.10	44.21	28.39	8.74	7.96	7.4	2.832	93.0	2.4	1.0	0.6
1130	12/31/2014 04:16:05	10.25	44.58	28.67	8.70	7.97	6.4	2.919	93.1	1.5	0.6	0.4
1131	12/31/2014 04:31:05	10.48	45.15	29.09	8.64	7.98	6.2	2.992	93.2	2.8	1.1	0.7
1132	12/31/2014 04:46:05	10.84	45.94	29.67	8.53	7.99	7.1	3.082	93.0	1.9	0.8	0.4
1133	12/31/2014 05:01:05	10.89	46.23	29.88	8.49	7.99	8.7	3.161	92.8	2.3	0.9	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
1134	12/31/2014 05:16:05	11.04	46.82	30.31	8.40	7.99	11.7	3.245	92.3	1.8	0.7	0.4
1135	12/31/2014 05:31:05	11.04	47.26	30.63	8.32	8.00	12.7	3.336	91.6	1.8	0.7	0.4
1136	12/31/2014 05:46:05	11.01	47.40	30.73	8.29	8.00	11.9	3.415	91.3	2.1	0.8	0.5
1137	12/31/2014 06:01:05	10.93	47.58	30.85	8.29	8.00	14.1	3.506	91.3	2.2	0.9	0.5
1138	12/31/2014 06:16:05	10.85	47.97	31.13	8.26	8.00	11.7	3.590	90.9	2.4	1.0	0.6
1139	12/31/2014 06:31:05	10.84	48.22	31.30	8.21	8.00	11.2	3.665	90.5	2.4	1.0	0.6
1140	12/31/2014 06:46:05	10.79	48.51	31.51	8.19	8.00	10.1	3.721	90.3	1.5	0.6	0.4
1141	12/31/2014 07:01:05	10.79	48.69	31.64	8.16	8.00	8.3	3.788	90.1	1.7	0.7	0.4
1142	12/31/2014 07:16:05	10.78	48.91	31.80	8.12	8.00	7.3	3.833	89.7	1.7	0.7	0.4
1143	12/31/2014 07:31:05	10.78	48.98	31.85	8.11	8.00	5.7	3.854	89.5	1.1	0.4	0.3
1144	12/31/2014 07:46:05	10.77	49.05	31.90	8.07	8.00	4.7	3.876	89.2	1.5	0.6	0.3
1145	12/31/2014 08:01:05	10.78	49.04	31.89	8.01	8.00	4.7	3.880	88.5	1.3	0.5	0.3
1146	12/31/2014 08:16:05	10.65	47.68	30.91	8.27	7.99	5.9	3.841	90.5	1.1	0.4	0.3
1147	12/31/2014 08:31:05	10.17	46.74	30.21	8.43	7.99	5.9	3.815	90.9	1.3	0.5	0.3
1148	12/31/2014 08:46:05	10.11	46.82	30.26	8.50	7.99	5.9	3.752	91.6	1.3	0.5	0.3
1149	12/31/2014 09:01:05	10.08	46.51	30.03	8.54	7.99	6.1	3.672	91.8	1.7	0.7	0.4
1150	12/31/2014 09:16:05	10.02	45.83	29.55	8.61	7.98	5.7	3.584	92.2	1.7	0.7	0.4
1151	12/31/2014 09:31:05	9.83	45.10	29.02	8.70	7.97	6.5	3.493	92.4	2.2	0.9	0.5
1152	12/31/2014 09:46:05	9.88	45.08	29.00	8.68	7.97	7.2	3.395	92.3	2.0	0.8	0.5
1153	12/31/2014 10:01:05	9.90	44.89	28.87	8.69	7.97	7.5	3.294	92.4	2.1	0.8	0.5
1154	12/31/2014 10:16:05	9.85	44.81	28.81	8.75	7.98	8.1	3.186	92.9	2.2	0.9	0.5
1155	12/31/2014 10:31:05	9.91	44.78	28.79	8.73	7.97	10.0	3.073	92.8	2.3	0.9	0.5
1156	12/31/2014 10:46:05	9.82	44.53	28.61	8.82	7.97	7.2	2.969	93.4	2.1	0.8	0.5
1157	12/31/2014 11:01:05	10.10	45.19	29.09	8.76	7.98	5.8	2.851	93.7	1.9	0.8	0.4
1158	12/31/2014 11:16:05	10.13	44.90	28.89	8.77	7.98	6.2	2.732	93.7	2.0	0.8	0.5
1159	12/31/2014 11:31:04	9.96	44.29	28.45	8.86	7.97	7.2	2.613	94.1	2.4	1.0	0.6
1160	12/31/2014 11:46:05	9.93	43.95	28.20	8.94	7.97	7.2	2.497	94.7	1.6	0.6	0.4
1161	12/31/2014 12:01:05	9.81	43.66	27.99	9.00	7.97	7.5	2.384	95.0	2.3	0.9	0.5
1162	12/31/2014 12:16:05	9.90	43.65	27.99	9.04	7.97	7.0	2.257	95.5	1.5	0.6	0.4
1163	12/31/2014 12:31:05	10.09	43.89	28.17	9.11	7.98	7.0	2.113	96.8	2.4	1.0	0.6
1164	12/31/2014 12:46:05	9.82	43.27	27.72	9.18	7.97	8.1	2.005	96.7	2.5	1.0	0.6
1165	12/31/2014 13:01:05	9.98	43.34	27.77	9.19	7.97	8.6	1.886	97.1	2.8	1.1	0.7
1166	12/31/2014 13:16:05	9.90	43.00	27.53	9.27	7.97	9.5	1.766	97.7	1.9	0.8	0.5
1167	12/31/2014 13:31:05	9.73	42.67	27.29	9.35	7.98	11.2	1.669	98.0	2.1	0.8	0.5
1168	12/31/2014 13:46:05	9.60	42.42	27.10	9.41	7.98	10.0	1.586	98.3	2.7	1.1	0.6
1169	12/31/2014 14:01:05	9.53	42.28	27.00	9.47	7.98	8.6	1.536	98.7	2.6	1.0	0.6
1170	12/31/2014 14:16:05	9.45	42.15	26.90	9.51	7.98	7.8	1.480	98.8	2.4	1.0	0.6
1171	12/31/2014 14:31:05	9.47	42.31	27.02	9.48	7.98	7.5	1.484	98.7	2.1	0.8	0.5
1172	12/31/2014 14:46:05	9.57	42.52	27.17	9.28	7.97	8.0	1.494	96.9	2.3	0.9	0.5
1173	12/31/2014 15:01:05	9.67	42.65	27.27	9.30	7.97	8.7	1.511	97.3	2.7	1.1	0.6
1174	12/31/2014 15:16:05	9.71	42.69	27.30	9.28	7.97	8.1	1.571	97.3	2.1	0.8	0.5
1175	12/31/2014 15:31:05	9.69	42.74	27.33	9.24	7.96	8.3	1.626	96.8	2.5	1.0	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
1176	12/31/2014 15:46:05	9.70	42.83	27.40	9.18	7.96	7.9	1.703	96.2	2.0	0.8	0.5
1177	12/31/2014 16:01:05	9.62	42.36	27.06	9.23	7.96	8.8	1.766	96.4	2.8	1.1	0.7
1178	12/31/2014 16:16:05	9.59	42.30	27.02	9.19	7.95	8.1	1.838	95.9	2.5	1.0	0.6
1179	12/31/2014 16:31:05	9.69	42.62	27.25	9.14	7.96	7.9	1.918	95.7	2.3	0.9	0.5
1180	12/31/2014 16:46:05	9.64	42.51	27.17	9.13	7.96	7.6	1.984	95.5	2.4	1.0	0.6
1181	12/31/2014 17:01:05	9.68	42.66	27.28	9.08	7.96	8.3	2.067	95.0	2.5	1.0	0.6
1182	12/31/2014 17:16:05	9.71	42.78	27.36	9.04	7.95	7.6	2.141	94.8	2.4	1.0	0.6
1183	12/31/2014 17:31:05	9.83	43.24	27.70	8.96	7.96	7.4	2.215	94.4	2.3	0.9	0.6
1184	12/31/2014 17:46:05	9.94	43.69	28.02	8.87	7.96	7.7	2.292	93.8	2.5	1.0	0.6
1185	12/31/2014 18:01:05	10.01	44.03	28.26	8.80	7.96	7.8	2.367	93.4	2.0	0.8	0.5
1186	12/31/2014 18:16:05	10.05	44.28	28.45	8.75	7.96	8.3	2.449	93.0	2.5	1.0	0.6
1187	12/31/2014 18:31:05	10.04	44.36	28.50	8.75	7.96	8.3	2.521	93.0	2.3	0.9	0.5
1188	12/31/2014 18:46:05	10.05	44.59	28.66	8.73	7.96	8.3	2.603	93.0	2.1	0.8	0.5
1189	12/31/2014 19:01:05	10.07	44.76	28.79	8.70	7.97	8.9	2.666	92.8	2.0	0.8	0.5
1190	12/31/2014 19:16:05	10.08	44.93	28.91	8.68	7.97	8.3	2.735	92.7	2.6	1.0	0.6
1191	12/31/2014 19:31:05	10.11	45.06	29.00	8.66	7.97	9.0	2.798	92.6	2.1	0.8	0.5
1192	12/31/2014 19:46:05	10.12	45.17	29.08	8.66	7.97	8.5	2.855	92.6	1.9	0.8	0.5
1193	12/31/2014 20:01:05	10.14	45.31	29.18	8.65	7.97	8.5	2.911	92.6	2.0	0.8	0.5
1194	12/31/2014 20:16:05	10.18	45.49	29.31	8.62	7.97	7.9	2.962	92.4	1.9	0.8	0.5
1195	12/31/2014 20:31:05	10.22	45.67	29.45	8.57	7.97	8.4	3.010	92.0	2.3	0.9	0.5
1196	12/31/2014 20:46:05	10.35	46.38	29.96	8.41	7.98	9.5	3.051	90.9	1.6	0.6	0.4
1197	12/31/2014 21:01:05	10.23	46.08	29.73	8.48	7.97	5.6	3.079	91.3	1.6	0.6	0.4
1198	12/31/2014 21:16:05	10.21	46.07	29.73	8.42	7.97	5.9	3.093	90.6	2.1	0.8	0.5
1199	12/31/2014 21:31:06	10.38	46.57	30.09	8.32	7.97	7.0	3.098	90.0	2.1	0.8	0.5
1200	12/31/2014 21:46:05	10.38	46.61	30.12	8.28	7.97	7.0	3.084	89.7	1.6	0.6	0.4
1201	12/31/2014 22:01:05	10.25	46.24	29.85	8.37	7.97	6.2	3.049	90.2	2.3	0.9	0.6
1202	12/31/2014 22:16:05	10.16	45.86	29.58	8.41	7.97	6.8	3.008	90.3	1.6	0.6	0.4
1203	12/31/2014 22:31:05	9.79	44.61	28.66	8.67	7.96	8.3	2.961	91.8	2.3	0.9	0.5
1204	12/31/2014 22:46:05	9.68	44.76	28.77	8.76	7.97	7.7	2.895	92.6	1.8	0.7	0.4
1205	12/31/2014 23:01:05	9.72	44.96	28.91	8.71	7.97	7.3	2.826	92.2	2.3	0.9	0.5
1206	12/31/2014 23:16:05	9.84	44.75	28.77	8.71	7.97	9.2	2.752	92.4	1.8	0.7	0.4
1207	12/31/2014 23:31:05	9.80	44.68	28.72	8.71	7.96	8.8	2.679	92.3	2.5	1.0	0.6
1208	12/31/2014 23:46:05	9.73	44.57	28.63	8.71	7.96	8.6	2.621	92.1	2.1	0.8	0.5
1209	1/1/2015 00:01:05	9.46	44.31	28.43	8.80	7.96	7.2	2.553	92.4	2.5	1.0	0.6
1210	1/1/2015 00:16:05	9.39	44.04	28.24	8.84	7.96	6.7	2.480	92.5	2.5	1.0	0.6
1211	1/1/2015 00:31:05	9.27	43.75	28.02	8.90	7.96	6.7	2.428	92.8	1.9	0.8	0.5
1212	1/1/2015 00:46:05	9.22	43.69	27.98	8.90	7.95	6.9	2.372	92.7	2.6	1.0	0.6
1213	1/1/2015 01:01:05	9.04	43.59	27.90	8.96	7.96	7.3	2.320	92.8	2.5	1.0	0.6
1214	1/1/2015 01:16:05	9.04	43.52	27.84	8.97	7.96	6.8	2.269	92.9	2.3	0.9	0.6
1215	1/1/2015 01:31:05	9.04	43.34	27.72	9.00	7.95	6.4	2.248	93.1	2.7	1.1	0.6
1216	1/1/2015 01:46:05	9.23	43.54	27.87	8.84	7.95	6.5	2.220	92.0	2.5	1.0	0.6
1217	1/1/2015 02:01:05	9.55	44.00	28.22	8.78	7.95	6.1	2.202	92.3	2.2	0.9	0.5

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence %FS
			mS/cm		mg/L		NTU			ug/L	(Corrected ratio = 0.40)	
1218	1/1/2015 02:16:05	9.42	43.90	28.14	8.82	7.95	6.8	2.211	92.3	2.5	1.0	0.6
1219	1/1/2015 02:31:05	8.69	42.88	27.37	9.18	7.96	6.4	2.228	94.1	2.5	1.0	0.6
1220	1/1/2015 02:46:05	9.02	43.47	27.81	8.96	7.95	6.4	2.257	92.7	2.4	1.0	0.6
1221	1/1/2015 03:01:05	9.36	43.87	28.11	8.84	7.95	6.9	2.294	92.4	2.4	1.0	0.6
1222	1/1/2015 03:16:05	9.49	44.08	28.27	8.80	7.95	7.4	2.344	92.3	2.3	0.9	0.5
1223	1/1/2015 03:31:05	9.39	43.98	28.19	8.83	7.95	7.5	2.411	92.4	2.5	1.0	0.6
1224	1/1/2015 03:46:05	9.57	44.22	28.37	8.77	7.96	8.4	2.480	92.3	2.7	1.1	0.6
1225	1/1/2015 04:01:05	9.60	44.53	28.60	8.70	7.96	7.0	2.550	91.7	2.4	1.0	0.6
1226	1/1/2015 04:16:05	9.61	44.70	28.72	8.69	7.96	7.3	2.624	91.7	2.1	0.8	0.5
1227	1/1/2015 04:31:05	9.62	44.88	28.84	8.68	7.96	8.0	2.704	91.7	1.9	0.8	0.4
1228	1/1/2015 04:46:05	9.54	45.05	28.96	8.68	7.97	7.8	2.775	91.6	1.9	0.8	0.4
1229	1/1/2015 05:01:05	9.78	45.73	29.46	8.59	7.97	6.3	2.861	91.4	1.6	0.6	0.4
1230	1/1/2015 05:16:05	9.92	46.15	29.77	8.49	7.97	6.7	2.942	90.8	1.8	0.7	0.4
1231	1/1/2015 05:31:05	10.11	46.65	30.14	8.37	7.97	7.7	3.031	90.2	1.6	0.6	0.4
1232	1/1/2015 05:46:05	10.26	47.20	30.54	8.28	7.97	9.9	3.121	89.6	1.7	0.7	0.4
1233	1/1/2015 06:01:05	10.22	47.17	30.52	8.29	7.98	13.9	3.208	89.7	1.8	0.7	0.4
1234	1/1/2015 06:16:05	10.28	47.62	30.85	8.24	7.98	12.6	3.304	89.4	2.5	1.0	0.6
1235	1/1/2015 06:31:05	10.30	47.86	31.02	8.22	7.98	10.7	3.391	89.3	1.6	0.6	0.4
1236	1/1/2015 06:46:05	10.28	48.19	31.25	8.21	7.98	10.5	3.476	89.4	1.8	0.7	0.4
1237	1/1/2015 07:01:05	10.26	48.39	31.40	8.21	7.98	9.0	3.564	89.4	1.7	0.7	0.4
1238	1/1/2015 07:16:05	10.32	48.82	31.71	8.16	7.98	9.2	3.643	89.2	1.4	0.6	0.3
1239	1/1/2015 07:31:05	10.37	49.12	31.93	8.12	7.99	8.8	3.708	89.0	1.2	0.5	0.3
1240	1/1/2015 07:46:05	10.42	49.39	32.13	8.08	7.99	7.3	3.771	88.7	1.6	0.6	0.4
1241	1/1/2015 08:01:05	10.45	49.59	32.28	8.05	7.99	6.3	3.825	88.5	1.5	0.6	0.4
1242	1/1/2015 08:16:05	10.47	49.71	32.36	8.03	7.99	5.8	3.864	88.4	1.0	0.4	0.2
1243	1/1/2015 08:31:05	10.47	49.73	32.38	8.00	7.99	4.7	3.888	88.1	1.4	0.6	0.3
1244	1/1/2015 08:46:05	10.43	49.64	32.31	7.99	7.99	4.5	3.901	87.8	1.4	0.6	0.3
1245	1/1/2015 09:01:05	10.45	49.69	32.35	7.97	7.99	5.9	3.891	87.7	1.8	0.7	0.4
1246	1/1/2015 09:16:05	10.22	48.53	31.50	8.13	7.98	5.8	3.863	88.5	0.9	0.4	0.2
1247	1/1/2015 09:31:05	10.22	48.65	31.58	8.14	7.98	6.1	3.812	88.7	1.4	0.6	0.3
1248	1/1/2015 09:46:05	9.92	47.73	30.90	8.37	7.98	5.4	3.736	90.2	1.7	0.7	0.4
1249	1/1/2015 10:01:05	9.76	47.11	30.44	8.48	7.98	5.3	3.655	90.8	1.5	0.6	0.4
1250	1/1/2015 10:16:05	9.68	46.35	29.89	8.56	7.97	5.4	3.566	91.2	1.9	0.8	0.4
1251	1/1/2015 10:31:05	9.45	45.61	29.35	8.71	7.97	5.4	3.462	92.0	2.2	0.9	0.5
1252	1/1/2015 10:46:05	9.67	46.39	29.92	8.58	7.97	7.3	3.350	91.3	1.6	0.6	0.4
1253	1/1/2015 11:01:05	9.49	45.57	29.33	8.72	7.97	6.3	3.246	92.1	2.1	0.8	0.5
1254	1/1/2015 11:16:05	9.44	45.28	29.12	8.81	7.97	7.5	3.125	92.8	2.2	0.9	0.5
1255	1/1/2015 11:31:05	9.54	45.50	29.28	8.77	7.97	7.3	3.006	92.7	1.9	0.8	0.4
1256	1/1/2015 11:46:05	9.71	45.77	29.49	8.73	7.98	5.9	2.888	92.7	1.7	0.7	0.4
1257	1/1/2015 12:01:05	9.72	45.53	29.31	8.79	7.98	5.9	2.757	93.3	2.0	0.8	0.5
1258	1/1/2015 12:16:05	9.87	45.92	29.60	8.79	7.98	5.7	2.649	93.8	1.5	0.6	0.4
1259	1/1/2015 12:31:05	9.84	45.35	29.19	8.88	7.98	6.3	2.515	94.4	1.6	0.6	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
1260	1/1/2015 12:46:05	9.78	44.95	28.91	8.96	7.98	6.8	2.385	95.1	1.3	0.5	0.3
1261	1/1/2015 13:01:05	9.77	44.77	28.78	8.99	7.98	7.1	2.248	95.2	1.8	0.7	0.4
1262	1/1/2015 13:16:05	9.95	44.88	28.87	9.07	7.98	7.5	2.122	96.5	2.1	0.8	0.5
1263	1/1/2015 13:31:05	9.61	44.27	28.41	9.16	7.98	9.9	1.993	96.5	2.5	1.0	0.6
1264	1/1/2015 13:46:05	9.70	44.34	28.47	9.17	7.98	9.1	1.869	96.8	2.5	1.0	0.6
1265	1/1/2015 14:01:05	9.83	44.17	28.35	9.33	7.99	8.9	1.750	98.7	2.7	1.1	0.6
1266	1/1/2015 14:16:05	9.59	43.65	27.97	9.51	7.99	8.5	1.621	99.8	2.3	0.9	0.6
1267	1/1/2015 14:31:05	9.37	43.30	27.71	9.55	7.99	9.1	1.535	99.6	2.2	0.9	0.5
1268	1/1/2015 14:46:05	9.31	43.16	27.61	9.58	8.00	9.2	1.453	99.7	2.4	1.0	0.6
1269	1/1/2015 15:01:05	9.26	43.04	27.52	9.58	7.99	8.9	1.381	99.5	2.3	0.9	0.5
1270	1/1/2015 15:16:05	9.25	42.96	27.46	9.58	7.99	9.2	1.348	99.5	2.5	1.0	0.6
1271	1/1/2015 15:31:05	9.31	43.05	27.53	9.58	7.99	8.9	1.341	99.6	1.9	0.8	0.4
1272	1/1/2015 15:46:05	9.31	43.16	27.61	9.50	7.99	8.0	1.359	98.9	2.0	0.8	0.5
1273	1/1/2015 16:01:05	9.36	43.30	27.71	9.49	7.99	8.8	1.406	98.9	2.3	0.9	0.5
1274	1/1/2015 16:16:05	9.32	43.29	27.70	9.46	7.99	8.6	1.462	98.5	2.6	1.0	0.6
1275	1/1/2015 16:31:05	9.30	43.28	27.69	9.44	7.99	6.8	1.524	98.3	1.8	0.7	0.4
1276	1/1/2015 16:46:05	9.28	43.25	27.67	9.41	7.98	7.0	1.627	97.9	2.4	1.0	0.6
1277	1/1/2015 17:01:05	9.31	43.29	27.70	9.37	7.98	7.5	1.697	97.5	2.4	1.0	0.6
1278	1/1/2015 17:16:05	9.31	43.26	27.68	9.31	7.97	8.2	1.774	96.9	2.4	1.0	0.6
1279	1/1/2015 17:31:05	9.36	43.44	27.81	9.26	7.97	7.9	1.849	96.6	2.4	1.0	0.6
1280	1/1/2015 17:46:05	9.37	43.46	27.82	9.23	7.97	8.1	1.935	96.3	2.1	0.8	0.5
1281	1/1/2015 18:01:05	9.46	43.92	28.15	9.08	7.97	7.9	2.030	95.2	2.3	0.9	0.5
1282	1/1/2015 18:16:06	9.52	44.13	28.31	9.01	7.97	7.9	2.094	94.6	2.6	1.0	0.6
1283	1/1/2015 18:31:05	9.64	44.62	28.66	8.89	7.96	7.8	2.182	93.8	2.3	0.9	0.6
1284	1/1/2015 18:46:05	9.66	44.83	28.81	8.82	7.96	8.8	2.267	93.2	1.8	0.7	0.4
1285	1/1/2015 19:01:05	9.70	45.03	28.95	8.75	7.96	8.7	2.351	92.6	2.1	0.8	0.5
1286	1/1/2015 19:16:05	9.71	45.14	29.04	8.71	7.96	9.2	2.438	92.3	2.2	0.9	0.5
1287	1/1/2015 19:31:05	9.66	45.18	29.06	8.72	7.96	8.1	2.520	92.3	2.0	0.8	0.5
1288	1/1/2015 19:46:05	9.71	45.40	29.22	8.68	7.96	10.3	2.600	92.0	2.2	0.9	0.5
1289	1/1/2015 20:01:05	9.71	45.47	29.27	8.67	7.96	9.9	2.677	92.0	2.0	0.8	0.5
1290	1/1/2015 20:16:05	9.75	45.68	29.42	8.64	7.96	9.2	2.754	91.9	1.9	0.8	0.5
1291	1/1/2015 20:31:06	9.77	45.84	29.54	8.61	7.96	10.7	2.829	91.7	2.1	0.8	0.5
1292	1/1/2015 20:46:05	9.79	46.00	29.66	8.59	7.96	12.0	2.890	91.5	2.1	0.8	0.5
1293	1/1/2015 21:01:05	9.79	46.16	29.77	8.57	7.96	9.0	2.962	91.4	2.3	0.9	0.6
1294	1/1/2015 21:16:05	9.86	46.40	29.95	8.51	7.97	8.6	3.027	91.0	1.9	0.8	0.5
1295	1/1/2015 21:31:05	10.04	47.24	30.55	8.35	7.97	11.2	3.076	90.0	1.6	0.6	0.4
1296	1/1/2015 21:46:05	10.10	47.80	30.96	8.28	7.97	8.4	3.124	89.6	2.2	0.9	0.5
1297	1/1/2015 22:01:05	10.13	48.04	31.14	8.23	7.97	8.1	3.172	89.2	1.8	0.7	0.4
1298	1/1/2015 22:16:05	10.16	48.17	31.23	8.19	7.97	6.3	3.189	88.9	1.7	0.7	0.4
1299	1/1/2015 22:31:05	10.13	48.03	31.13	8.18	7.97	5.6	3.199	88.6	1.6	0.6	0.4
1300	1/1/2015 22:46:05	10.16	48.22	31.27	8.16	7.97	6.3	3.190	88.6	1.5	0.6	0.4
1301	1/1/2015 23:01:05	9.57	46.36	29.90	8.49	7.97	6.5	3.162	90.2	1.7	0.7	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
1302	1/1/2015 23:16:05	9.77	46.79	30.22	8.42	7.97	6.7	3.125	90.1	2.0	0.8	0.5
1303	1/1/2015 23:31:05	9.56	45.99	29.63	8.55	7.96	6.6	3.063	90.7	1.3	0.5	0.3
1304	1/1/2015 23:46:05	9.63	46.10	29.72	8.55	7.96	9.1	3.000	90.9	2.3	0.9	0.5
1305	1/2/2015 00:01:05	9.53	45.79	29.49	8.60	7.96	9.8	2.941	91.1	1.6	0.6	0.4
1306	1/2/2015 00:16:05	9.45	45.56	29.32	8.66	7.96	7.8	2.856	91.4	2.0	0.8	0.5
1307	1/2/2015 00:31:05	9.41	45.41	29.21	8.66	7.96	6.7	2.793	91.3	2.0	0.8	0.5
1308	1/2/2015 00:46:05	9.25	44.97	28.89	8.75	7.96	6.5	2.728	91.7	1.7	0.7	0.4
1309	1/2/2015 01:01:05	9.05	44.53	28.56	8.87	7.95	6.3	2.659	92.3	2.0	0.8	0.5
1310	1/2/2015 01:16:05	9.05	44.71	28.69	8.83	7.95	6.8	2.594	92.0	2.3	0.9	0.5
1311	1/2/2015 01:31:05	8.95	44.50	28.53	8.90	7.96	6.5	2.534	92.5	2.7	1.1	0.6
1312	1/2/2015 01:46:05	8.88	44.54	28.55	8.92	7.96	6.6	2.479	92.5	2.0	0.8	0.5
1313	1/2/2015 02:01:05	8.85	44.40	28.45	8.94	7.96	6.4	2.431	92.6	2.0	0.8	0.5
1314	1/2/2015 02:16:05	8.80	44.39	28.45	8.94	7.96	6.1	2.387	92.5	2.1	0.8	0.5
1315	1/2/2015 02:31:05	8.82	44.37	28.43	8.93	7.96	6.2	2.347	92.5	2.4	1.0	0.6
1316	1/2/2015 02:46:05	8.81	44.30	28.38	8.89	7.96	5.8	2.321	92.0	2.3	0.9	0.5
1317	1/2/2015 03:01:05	9.16	44.65	28.66	8.80	7.95	5.7	2.325	91.9	2.5	1.0	0.6
1318	1/2/2015 03:16:05	9.00	44.44	28.49	8.85	7.95	5.7	2.320	92.0	1.9	0.8	0.5
1319	1/2/2015 03:31:05	8.47	43.66	27.90	9.18	7.96	5.7	2.350	93.9	2.1	0.8	0.5
1320	1/2/2015 03:46:05	9.11	44.61	28.62	8.86	7.96	6.1	2.375	92.4	1.9	0.8	0.5
1321	1/2/2015 04:01:05	9.20	44.76	28.74	8.81	7.95	6.5	2.422	92.1	1.9	0.8	0.5
1322	1/2/2015 04:16:05	9.07	44.64	28.64	8.85	7.95	7.0	2.475	92.2	2.0	0.8	0.5
1323	1/2/2015 04:31:05	9.27	44.98	28.90	8.77	7.95	7.6	2.540	92.0	2.1	0.8	0.5
1324	1/2/2015 04:46:05	9.36	45.36	29.17	8.68	7.95	7.8	2.611	91.3	2.1	0.8	0.5
1325	1/2/2015 05:01:05	9.41	45.61	29.35	8.63	7.96	6.8	2.681	91.0	1.9	0.8	0.4
1326	1/2/2015 05:16:05	9.45	45.90	29.56	8.59	7.96	7.0	2.764	90.8	2.0	0.8	0.5
1327	1/2/2015 05:31:05	9.50	46.15	29.74	8.55	7.96	7.8	2.832	90.6	2.0	0.8	0.5
1328	1/2/2015 05:46:05	9.58	46.57	30.05	8.49	7.96	6.3	2.919	90.3	1.7	0.7	0.4
1329	1/2/2015 06:01:05	9.74	46.99	30.36	8.42	7.97	6.6	3.000	90.1	2.0	0.8	0.5
1330	1/2/2015 06:16:05	9.80	47.19	30.50	8.40	7.97	7.2	3.083	90.1	1.8	0.7	0.4
1331	1/2/2015 06:31:05	9.98	47.69	30.87	8.31	7.97	8.8	3.169	89.6	1.8	0.7	0.4
1332	1/2/2015 06:46:05	9.99	47.77	30.93	8.32	7.97	10.8	3.259	89.8	2.4	1.0	0.6
1333	1/2/2015 07:01:05	10.08	48.08	31.16	8.30	7.98	9.1	3.349	89.8	1.5	0.6	0.4
1334	1/2/2015 07:16:05	10.10	48.22	31.26	8.29	7.98	8.6	3.436	89.9	1.9	0.8	0.4
1335	1/2/2015 07:31:05	10.13	48.55	31.50	8.32	7.98	8.9	3.522	90.4	1.8	0.7	0.4
1336	1/2/2015 07:46:05	10.26	48.90	31.76	8.30	7.99	8.4	3.606	90.6	1.5	0.6	0.4
1337	1/2/2015 08:01:05	10.39	49.23	32.01	8.28	7.99	8.3	3.688	90.8	1.7	0.7	0.4
1338	1/2/2015 08:16:05	10.52	49.58	32.27	8.25	8.00	8.4	3.760	90.9	1.8	0.7	0.4
1339	1/2/2015 08:31:05	10.58	49.77	32.41	8.23	8.00	7.8	3.834	90.8	1.3	0.5	0.3
1340	1/2/2015 08:46:05	10.60	49.87	32.49	8.20	8.00	6.5	3.888	90.6	1.9	0.8	0.4
1341	1/2/2015 09:01:05	10.63	49.97	32.56	8.19	8.00	5.6	3.927	90.6	1.3	0.5	0.3
1342	1/2/2015 09:16:05	10.64	50.06	32.63	8.18	8.00	5.2	3.963	90.5	1.4	0.6	0.3
1343	1/2/2015 09:31:05	10.64	50.08	32.64	8.14	8.00	3.9	3.976	90.1	1.3	0.5	0.3

sonde #2		Indian Island Long-Term Deployment								Water Quality Data		
Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	(Corrected ratio = 0.40)	%FS
1344	1/2/2015 09:46:05	10.58	49.87	32.48	8.16	8.00	5.7	3.976	90.1	1.5	0.6	0.4
1345	1/2/2015 10:01:05	10.61	50.03	32.60	8.16	8.00	5.9	3.943	90.2	1.4	0.6	0.3
1346	1/2/2015 10:16:05	10.41	49.25	32.03	8.29	8.00	6.3	3.904	90.9	1.1	0.4	0.3
1347	1/2/2015 10:31:05	10.36	48.82	31.71	8.35	7.99	6.5	3.828	91.3	1.5	0.6	0.4
1348	1/2/2015 10:46:05	10.20	48.36	31.37	8.40	7.98	4.7	3.739	91.3	1.6	0.6	0.4
1349	1/2/2015 11:01:05	10.09	47.85	30.99	8.46	7.98	4.9	3.637	91.6	1.8	0.7	0.4
1350	1/2/2015 11:16:05	9.98	47.46	30.71	8.52	7.98	5.9	3.517	91.8	1.7	0.7	0.4
1351	1/2/2015 11:31:05	9.96	47.26	30.56	8.55	7.98	5.6	3.404	92.1	2.0	0.8	0.5
1352	1/2/2015 11:46:05	9.82	46.79	30.22	8.62	7.97	5.7	3.294	92.3	1.3	0.5	0.3
1353	1/2/2015 12:01:05	9.67	46.51	30.01	8.67	7.97	7.3	3.161	92.4	2.1	0.8	0.5
1354	1/2/2015 12:16:05	9.67	46.41	29.94	8.71	7.97	6.5	3.028	92.7	1.9	0.8	0.4
1355	1/2/2015 12:31:05	9.74	46.35	29.90	8.75	7.98	5.7	2.906	93.3	1.3	0.5	0.3
1356	1/2/2015 12:46:05	9.73	46.17	29.77	8.80	7.98	5.6	2.784	93.7	1.8	0.7	0.4
1357	1/2/2015 13:01:05	9.91	46.54	30.05	8.80	7.98	5.8	2.645	94.3	1.8	0.7	0.4
1358	1/2/2015 13:16:05	9.76	45.80	29.51	8.89	7.98	6.5	2.516	94.6	1.9	0.8	0.5
1359	1/2/2015 13:31:05	9.66	45.44	29.25	8.94	7.97	7.9	2.387	94.8	2.2	0.9	0.5
1360	1/2/2015 13:46:05	9.58	45.22	29.09	9.00	7.97	7.6	2.244	95.1	2.0	0.8	0.5
1361	1/2/2015 14:01:05	9.88	45.31	29.17	9.12	7.98	8.7	2.088	97.1	1.8	0.7	0.4
1362	1/2/2015 14:16:05	9.81	45.18	29.07	9.14	7.98	10.0	1.962	97.1	2.3	0.9	0.5
1363	1/2/2015 14:31:05	9.63	44.76	28.76	9.18	7.98	9.2	1.827	97.0	2.1	0.8	0.5
1364	1/2/2015 14:46:05	9.63	44.42	28.52	9.38	7.99	9.2	1.678	98.9	2.3	0.9	0.5
1365	1/2/2015 15:01:06	9.49	44.12	28.29	9.40	7.99	9.8	1.570	98.6	2.2	0.9	0.5
1366	1/2/2015 15:16:05	9.45	43.97	28.19	9.43	7.99	9.0	1.443	98.8	2.1	0.8	0.5
1367	1/2/2015 15:31:05	9.43	43.85	28.10	9.48	7.99	9.3	1.352	99.2	1.9	0.8	0.5
1368	1/2/2015 15:46:05	9.39	43.65	27.96	9.56	7.99	11.1	1.272	99.9	2.6	1.0	0.6
1369	1/2/2015 16:01:05	9.39	43.59	27.91	9.57	7.99	9.7	1.244	99.9	1.8	0.7	0.4
1370	1/2/2015 16:16:05	9.42	43.66	27.97	9.58	7.99	11.3	1.241	100.2	2.0	0.8	0.5
1371	1/2/2015 16:31:05	9.42	43.75	28.04	9.52	7.99	10.4	1.253	99.6	2.3	0.9	0.5
1372	1/2/2015 16:46:05	9.41	43.86	28.11	9.45	7.99	10.0	1.320	98.9	2.0	0.8	0.5
1373	1/2/2015 17:01:05	9.39	43.88	28.12	9.43	7.98	8.0	1.392	98.6	2.0	0.8	0.5
1374	1/2/2015 17:16:05	9.34	43.85	28.10	9.44	7.98	7.2	1.461	98.6	2.4	1.0	0.6
1375	1/2/2015 17:31:05	9.27	43.66	27.96	9.41	7.98	7.8	1.557	98.1	1.9	0.8	0.4
1376	1/2/2015 17:46:05	9.31	43.74	28.02	9.37	7.97	8.2	1.644	97.8	2.8	1.1	0.7
1377	1/2/2015 18:01:05	9.31	43.77	28.04	9.32	7.97	9.0	1.717	97.2	2.7	1.1	0.6
1378	1/2/2015 18:16:05	9.32	43.82	28.08	9.29	7.97	8.6	1.800	97.0	2.5	1.0	0.6
1379	1/2/2015 18:31:05	9.34	43.93	28.15	9.25	7.97	9.1	1.892	96.7	2.3	0.9	0.5
1380	1/2/2015 18:46:05	9.26	43.64	27.94	9.23	7.96	7.9	1.965	96.2	2.1	0.8	0.5
1381	1/2/2015 19:01:05	9.48	44.67	28.69	9.02	7.96	8.4	2.057	94.9	2.2	0.9	0.5
1382	1/2/2015 19:16:05	9.59	45.25	29.11	8.86	7.96	9.2	2.158	93.7	2.1	0.8	0.5
1383	1/2/2015 19:31:05	9.58	45.29	29.13	8.83	7.96	8.4	2.239	93.3	2.3	0.9	0.5
1384	1/2/2015 19:46:05	9.62	45.45	29.25	8.77	7.96	9.7	2.339	92.9	2.5	1.0	0.6
1385	1/2/2015 20:01:05	9.66	45.69	29.43	8.72	7.96	9.7	2.444	92.5	1.7	0.7	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
1386	1/2/2015 20:16:05	9.67	45.84	29.53	8.70	7.96	10.6	2.534	92.4	2.0	0.8	0.5
1387	1/2/2015 20:31:05	9.70	46.07	29.70	8.67	7.96	10.4	2.620	92.2	2.3	0.9	0.5
1388	1/2/2015 20:46:06	9.72	46.19	29.78	8.65	7.96	10.8	2.718	92.1	2.2	0.9	0.5
1389	1/2/2015 21:01:05	9.75	46.27	29.85	8.63	7.96	11.0	2.806	92.0	2.0	0.8	0.5
1390	1/2/2015 21:16:05	9.79	46.47	29.99	8.60	7.96	13.2	2.884	91.9	2.1	0.8	0.5
1391	1/2/2015 21:31:05	9.84	46.69	30.15	8.57	7.96	11.4	2.960	91.8	1.8	0.7	0.4
1392	1/2/2015 21:46:06	10.01	47.30	30.60	8.46	7.97	11.1	3.053	91.2	1.8	0.7	0.4
1393	1/2/2015 22:01:06	10.19	48.06	31.15	8.34	7.98	11.7	3.110	90.5	2.2	0.9	0.5
1394	1/2/2015 22:16:05	10.29	48.49	31.47	8.27	7.98	9.1	3.177	90.2	2.0	0.8	0.5
1395	1/2/2015 22:31:05	10.34	48.66	31.60	8.22	7.98	8.6	3.246	89.8	2.3	0.9	0.6
1396	1/2/2015 22:46:05	10.36	48.76	31.67	8.19	7.98	7.5	3.288	89.5	1.7	0.7	0.4
1397	1/2/2015 23:01:06	10.37	48.79	31.69	8.18	7.98	6.6	3.314	89.5	2.0	0.8	0.5
1398	1/2/2015 23:16:05	10.35	48.71	31.63	8.14	7.98	6.2	3.335	88.9	2.0	0.8	0.5
1399	1/2/2015 23:31:05	10.42	48.86	31.75	8.11	7.98	5.8	3.334	88.8	1.4	0.6	0.3
1400	1/2/2015 23:46:05	10.22	48.22	31.27	8.25	7.98	7.7	3.300	89.7	1.8	0.7	0.4
1401	1/3/2015 00:01:05	9.94	47.39	30.66	8.39	7.97	7.6	3.251	90.3	2.0	0.8	0.5
1402	1/3/2015 00:16:06	9.91	47.23	30.54	8.43	7.97	7.4	3.203	90.6	1.8	0.7	0.4
1403	1/3/2015 00:31:06	9.94	47.10	30.45	8.40	7.96	8.0	3.133	90.3	1.6	0.6	0.4
1404	1/3/2015 00:46:05	9.78	46.81	30.23	8.53	7.96	7.1	3.058	91.2	1.8	0.7	0.4
1405	1/3/2015 01:01:05	9.72	46.45	29.97	8.55	7.96	8.9	2.982	91.2	2.2	0.9	0.5
1406	1/3/2015 01:16:05	9.81	46.69	30.15	8.49	7.96	7.0	2.909	90.8	1.9	0.8	0.5
1407	1/3/2015 01:31:05	9.71	46.47	29.99	8.50	7.95	6.6	2.832	90.7	1.5	0.6	0.4
1408	1/3/2015 01:46:06	9.67	46.42	29.94	8.53	7.96	6.3	2.762	90.8	2.2	0.9	0.5
1409	1/3/2015 02:01:05	9.63	46.36	29.90	8.55	7.96	6.2	2.699	91.0	2.8	1.1	0.7
1410	1/3/2015 02:16:05	9.51	46.14	29.73	8.65	7.95	5.9	2.629	91.6	1.1	0.4	0.3
1411	1/3/2015 02:31:05	9.40	45.60	29.34	8.71	7.95	5.9	2.574	91.8	2.3	0.9	0.6
1412	1/3/2015 02:46:05	9.38	45.66	29.38	8.72	7.95	5.6	2.521	91.9	2.1	0.8	0.5
1413	1/3/2015 03:01:05	9.33	45.54	29.30	8.72	7.95	5.9	2.480	91.8	1.7	0.7	0.4
1414	1/3/2015 03:16:05	9.28	45.27	29.10	8.77	7.95	5.7	2.439	92.0	2.2	0.9	0.5
1415	1/3/2015 03:31:05	9.22	45.11	28.98	8.81	7.95	5.2	2.411	92.3	2.0	0.8	0.5
1416	1/3/2015 03:46:05	9.16	44.99	28.89	8.80	7.95	5.3	2.404	92.0	2.3	0.9	0.5
1417	1/3/2015 04:01:05	9.35	45.46	29.24	8.67	7.95	5.8	2.379	91.2	2.1	0.8	0.5
1418	1/3/2015 04:16:05	9.36	45.48	29.26	8.69	7.94	5.4	2.402	91.5	2.0	0.8	0.5
1419	1/3/2015 04:31:05	9.37	45.51	29.28	8.70	7.95	5.4	2.420	91.6	2.1	0.8	0.5
1420	1/3/2015 04:46:05	9.39	45.53	29.29	8.71	7.95	5.5	2.454	91.8	2.2	0.9	0.5
1421	1/3/2015 05:01:05	9.42	45.64	29.38	8.66	7.95	6.6	2.512	91.4	2.2	0.9	0.5
1422	1/3/2015 05:16:05	9.23	45.26	29.09	8.80	7.95	7.0	2.565	92.3	1.8	0.7	0.4
1423	1/3/2015 05:31:05	9.62	46.12	29.73	8.58	7.95	7.8	2.629	91.1	2.2	0.9	0.5
1424	1/3/2015 05:46:05	9.66	46.35	29.89	8.55	7.96	6.7	2.703	91.0	1.7	0.7	0.4
1425	1/3/2015 06:01:05	9.70	46.51	30.01	8.52	7.96	6.7	2.774	90.9	1.7	0.7	0.4
1426	1/3/2015 06:16:05	9.75	46.65	30.12	8.50	7.96	7.2	2.859	90.8	1.8	0.7	0.4
1427	1/3/2015 06:31:05	9.86	47.10	30.45	8.45	7.96	9.4	2.933	90.7	1.7	0.7	0.4

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
1428	1/3/2015 06:46:05	9.99	47.45	30.71	8.40	7.97	8.0	3.018	90.5	2.1	0.8	0.5
1429	1/3/2015 07:01:05	10.11	47.74	30.92	8.36	7.97	8.2	3.112	90.5	2.4	1.0	0.6
1430	1/3/2015 07:16:05	10.17	47.93	31.06	8.33	7.98	9.0	3.190	90.4	2.0	0.8	0.5
1431	1/3/2015 07:31:06	10.18	48.03	31.13	8.34	7.98	10.9	3.288	90.5	2.2	0.9	0.5
1432	1/3/2015 07:46:05	10.32	48.37	31.39	8.29	7.99	10.3	3.381	90.4	2.0	0.8	0.5
1433	1/3/2015 08:01:05	10.41	48.62	31.57	8.29	8.00	10.3	3.469	90.7	2.3	0.9	0.5
1434	1/3/2015 08:16:05	10.53	48.93	31.80	8.27	8.00	8.4	3.570	90.9	1.8	0.7	0.4
1435	1/3/2015 08:31:05	10.75	49.34	32.11	8.25	8.02	8.1	3.652	91.2	1.9	0.8	0.5
1436	1/3/2015 08:46:05	10.92	49.59	32.30	8.28	8.03	7.1	3.737	92.0	2.4	1.0	0.6
1437	1/3/2015 09:01:05	11.18	49.77	32.45	8.35	8.05	5.4	3.815	93.3	2.3	0.9	0.6
1438	1/3/2015 09:16:05	11.29	49.83	32.49	8.39	8.06	4.7	3.880	94.1	3.1	1.2	0.7
1439	1/3/2015 09:31:05	11.34	49.84	32.50	8.42	8.07	4.3	3.935	94.4	2.4	1.0	0.6
1440	1/3/2015 09:46:05	11.38	49.83	32.50	8.44	8.07	3.6	3.988	94.8	3.1	1.2	0.7
1441	1/3/2015 10:01:05	11.41	49.82	32.50	8.43	8.08	3.1	4.011	94.8	3.5	1.4	0.8
1442	1/3/2015 10:16:05	11.08	49.60	32.32	8.28	8.04	4.7	4.012	92.3	2.8	1.1	0.7
1443	1/3/2015 10:31:05	11.28	49.77	32.45	8.34	8.06	4.3	4.001	93.5	3.0	1.2	0.7
1444	1/3/2015 10:46:04	11.41	49.81	32.49	8.40	8.07	4.2	3.966	94.4	3.2	1.3	0.8
1445	1/3/2015 11:01:05	10.58	48.82	31.72	8.37	8.01	7.0	3.909	92.0	2.1	0.8	0.5
1446	1/3/2015 11:16:05	10.55	48.66	31.61	8.41	8.01	5.3	3.820	92.3	2.1	0.8	0.5
1447	1/3/2015 11:31:05	10.54	48.17	31.25	8.49	8.01	4.5	3.734	92.9	2.3	0.9	0.5
1448	1/3/2015 11:46:05	10.41	47.95	31.09	8.54	8.00	5.1	3.635	93.1	1.9	0.8	0.5
1449	1/3/2015 12:01:05	10.25	47.52	30.77	8.56	7.99	4.8	3.521	92.8	2.3	0.9	0.5
1450	1/3/2015 12:16:05	10.21	47.43	30.70	8.56	7.99	5.4	3.406	92.7	1.9	0.8	0.4
1451	1/3/2015 12:31:05	10.11	47.15	30.49	8.60	7.98	6.2	3.285	92.8	1.6	0.6	0.4
1452	1/3/2015 12:46:05	10.14	47.03	30.41	8.66	7.98	5.3	3.161	93.5	2.3	0.9	0.5
1453	1/3/2015 13:01:05	10.13	46.95	30.35	8.68	7.98	5.7	3.033	93.7	1.7	0.7	0.4
1454	1/3/2015 13:16:05	10.10	46.70	30.17	8.75	7.98	5.1	2.906	94.3	1.9	0.8	0.5
1455	1/3/2015 13:31:05	10.14	46.54	30.06	8.81	7.99	5.7	2.779	94.9	1.6	0.6	0.4
1456	1/3/2015 13:46:05	10.10	46.51	30.04	8.85	7.98	5.9	2.636	95.2	2.0	0.8	0.5
1457	1/3/2015 14:01:05	10.02	46.26	29.85	8.86	7.98	8.5	2.512	95.0	1.9	0.8	0.5
1458	1/3/2015 14:16:05	9.96	46.03	29.68	8.92	7.98	7.9	2.376	95.4	2.3	0.9	0.5
1459	1/3/2015 14:31:05	10.10	46.13	29.77	8.95	7.99	7.2	2.235	96.1	2.0	0.8	0.5
1460	1/3/2015 14:46:05	9.96	45.96	29.63	9.03	7.98	7.6	2.096	96.6	2.2	0.9	0.5
1461	1/3/2015 15:01:06	9.94	45.80	29.52	9.06	7.98	8.7	1.948	96.8	2.6	1.0	0.6
1462	1/3/2015 15:16:05	10.02	45.56	29.35	9.22	7.99	10.1	1.813	98.6	2.0	0.8	0.5
1463	1/3/2015 15:31:05	9.92	45.22	29.11	9.34	8.00	9.3	1.675	99.5	2.3	0.9	0.6
1464	1/3/2015 15:46:05	9.69	44.73	28.74	9.36	7.99	7.9	1.532	99.0	2.3	0.9	0.5
1465	1/3/2015 16:01:06	9.61	44.40	28.50	9.49	8.00	7.8	1.421	100.0	2.3	0.9	0.6
1466	1/3/2015 16:16:05	9.59	44.24	28.39	9.59	8.00	8.2	1.317	100.9	2.7	1.1	0.6
1467	1/3/2015 16:31:05	9.57	44.14	28.32	9.63	8.00	6.7	1.246	101.3	2.2	0.9	0.5
1468	1/3/2015 16:46:05	9.58	44.18	28.35	9.63	8.00	8.1	1.218	101.3	2.1	0.8	0.5
1469	1/3/2015 17:01:05	9.58	44.23	28.38	9.61	8.00	6.7	1.217	101.1	2.1	0.8	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
1470	1/3/2015 17:16:05	9.58	44.29	28.42	9.54	8.00	6.7	1.267	100.4	1.7	0.7	0.4
1471	1/3/2015 17:31:05	9.58	44.38	28.49	9.47	7.99	7.2	1.321	99.7	2.3	0.9	0.5
1472	1/3/2015 17:46:05	9.56	44.42	28.52	9.43	7.99	6.7	1.403	99.3	2.5	1.0	0.6
1473	1/3/2015 18:01:05	9.49	44.19	28.35	9.40	7.98	6.6	1.478	98.7	2.4	1.0	0.6
1474	1/3/2015 18:16:05	9.55	44.37	28.48	9.34	7.98	6.9	1.571	98.3	2.6	1.0	0.6
1475	1/3/2015 18:31:06	9.56	44.37	28.48	9.30	7.97	7.2	1.652	97.8	2.4	1.0	0.6
1476	1/3/2015 18:46:05	9.57	44.33	28.45	9.25	7.97	7.6	1.734	97.4	2.7	1.1	0.6
1477	1/3/2015 19:01:05	9.60	44.52	28.59	9.23	7.97	7.6	1.830	97.3	2.2	0.9	0.5
1478	1/3/2015 19:16:05	9.70	45.00	28.93	9.07	7.97	9.0	1.911	96.1	2.5	1.0	0.6
1479	1/3/2015 19:31:05	9.76	45.32	29.17	8.99	7.97	8.0	2.007	95.5	1.8	0.7	0.4
1480	1/3/2015 19:46:05	9.80	45.56	29.34	8.92	7.97	8.0	2.106	94.9	2.1	0.8	0.5
1481	1/3/2015 20:01:05	9.80	45.62	29.38	8.87	7.96	7.8	2.196	94.4	2.3	0.9	0.5
1482	1/3/2015 20:16:05	9.81	45.86	29.56	8.78	7.96	8.6	2.305	93.6	2.1	0.8	0.5
1483	1/3/2015 20:31:05	9.89	46.12	29.74	8.70	7.96	8.8	2.400	93.0	2.6	1.0	0.6
1484	1/3/2015 20:46:05	9.91	46.24	29.83	8.68	7.96	9.5	2.501	92.9	2.3	0.9	0.5
1485	1/3/2015 21:01:05	9.95	46.43	29.97	8.65	7.96	9.3	2.604	92.7	2.1	0.8	0.5
1486	1/3/2015 21:16:05	9.98	46.57	30.08	8.61	7.96	10.2	2.692	92.4	2.4	1.0	0.6
1487	1/3/2015 21:31:05	10.02	46.71	30.17	8.58	7.96	10.8	2.781	92.2	2.3	0.9	0.5
1488	1/3/2015 21:46:05	10.06	46.83	30.26	8.56	7.97	12.3	2.872	92.1	2.5	1.0	0.6
1489	1/3/2015 22:01:06	10.11	47.05	30.42	8.54	7.97	11.9	2.958	92.2	2.3	0.9	0.6
1490	1/3/2015 22:16:06	10.22	47.30	30.61	8.51	7.98	13.5	3.041	92.2	2.4	1.0	0.6
1491	1/3/2015 22:31:06	10.50	48.01	31.14	8.46	8.00	10.7	3.114	92.5	2.8	1.1	0.7
1492	1/3/2015 22:46:05	10.64	48.38	31.41	8.43	8.01	10.0	3.194	92.6	2.6	1.0	0.6
1493	1/3/2015 23:01:05	10.73	48.61	31.58	8.41	8.02	9.0	3.256	92.6	2.9	1.2	0.7
1494	1/3/2015 23:16:05	10.75	48.69	31.64	8.38	8.02	7.4	3.323	92.4	3.1	1.2	0.7
1495	1/3/2015 23:31:05	10.79	48.80	31.73	8.36	8.02	7.2	3.371	92.3	2.9	1.2	0.7
1496	1/3/2015 23:46:05	10.82	48.85	31.76	8.34	8.02	5.7	3.408	92.1	2.7	1.1	0.6
1497	1/4/2015 00:01:05	10.71	48.62	31.59	8.32	8.01	5.7	3.417	91.6	3.0	1.2	0.7
1498	1/4/2015 00:16:05	10.81	48.83	31.75	8.27	8.02	5.7	3.416	91.3	3.0	1.2	0.7
1499	1/4/2015 00:31:05	10.79	48.79	31.71	8.28	8.02	6.6	3.394	91.4	2.5	1.0	0.6
1500	1/4/2015 00:46:05	10.64	48.45	31.47	8.32	8.01	6.7	3.340	91.4	2.6	1.0	0.6
1501	1/4/2015 01:01:05	10.19	47.39	30.67	8.41	7.98	7.4	3.271	91.0	2.1	0.8	0.5
1502	1/4/2015 01:16:06	10.19	47.75	30.93	8.48	7.99	6.7	3.202	91.9	2.2	0.9	0.5
1503	1/4/2015 01:31:06	10.29	47.69	30.89	8.46	7.99	6.4	3.115	91.9	2.9	1.2	0.7
1504	1/4/2015 01:46:06	10.05	47.18	30.51	8.50	7.98	6.4	3.033	91.6	1.9	0.8	0.5
1505	1/4/2015 02:01:05	9.97	46.98	30.36	8.49	7.97	6.4	2.964	91.3	2.2	0.9	0.5
1506	1/4/2015 02:16:05	9.92	46.80	30.24	8.52	7.96	6.0	2.896	91.5	2.1	0.8	0.5
1507	1/4/2015 02:31:06	9.94	46.86	30.28	8.51	7.96	6.4	2.827	91.4	2.1	0.8	0.5
1508	1/4/2015 02:46:05	9.87	46.69	30.15	8.54	7.96	5.7	2.765	91.5	2.4	1.0	0.6
1509	1/4/2015 03:01:05	9.77	46.43	29.96	8.65	7.96	5.9	2.691	92.3	1.7	0.7	0.4
1510	1/4/2015 03:16:05	9.75	46.34	29.89	8.66	7.96	5.4	2.611	92.4	2.2	0.9	0.5
1511	1/4/2015 03:31:05	9.53	45.64	29.38	8.79	7.95	5.4	2.576	93.0	2.1	0.8	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
1512	1/4/2015 03:46:06	9.55	45.76	29.46	8.81	7.96	5.0	2.505	93.2	2.2	0.9	0.5
1513	1/4/2015 04:01:05	9.54	45.75	29.46	8.78	7.95	5.3	2.446	93.0	2.1	0.8	0.5
1514	1/4/2015 04:16:06	9.48	45.52	29.29	8.84	7.95	5.1	2.422	93.3	2.0	0.8	0.5
1515	1/4/2015 04:31:06	9.43	45.37	29.18	8.82	7.95	5.3	2.419	93.0	2.3	0.9	0.5
1516	1/4/2015 04:46:06	9.62	45.93	29.59	8.68	7.95	5.1	2.389	92.1	2.1	0.8	0.5
1517	1/4/2015 05:01:06	9.66	45.96	29.62	8.68	7.95	5.4	2.400	92.3	1.9	0.8	0.4
1518	1/4/2015 05:16:06	9.67	46.01	29.66	8.68	7.95	5.3	2.450	92.2	2.0	0.8	0.5
1519	1/4/2015 05:31:06	9.59	45.88	29.56	8.72	7.95	5.7	2.500	92.5	1.5	0.6	0.4
1520	1/4/2015 05:46:05	9.70	46.19	29.78	8.64	7.95	6.1	2.528	92.0	1.9	0.8	0.5
1521	1/4/2015 06:01:06	9.49	45.66	29.39	8.79	7.95	6.2	2.591	92.9	2.1	0.8	0.5
1522	1/4/2015 06:16:06	9.77	46.33	29.89	8.62	7.96	6.2	2.665	92.0	2.4	1.0	0.6
1523	1/4/2015 06:31:06	9.84	46.53	30.03	8.59	7.96	6.7	2.745	91.9	2.3	0.9	0.5
1524	1/4/2015 06:46:06	9.90	46.73	30.18	8.56	7.97	6.4	2.808	91.8	2.0	0.8	0.5
1525	1/4/2015 07:01:06	10.11	47.28	30.59	8.48	7.98	6.9	2.874	91.5	2.0	0.8	0.5
1526	1/4/2015 07:16:06	10.13	47.33	30.62	8.48	7.98	6.6	2.970	91.7	2.5	1.0	0.6
1527	1/4/2015 07:31:06	10.26	47.62	30.84	8.45	7.99	7.3	3.049	91.7	1.9	0.8	0.4
1528	1/4/2015 07:46:05	10.31	47.76	30.94	8.43	7.99	6.8	3.130	91.7	2.7	1.1	0.6
1529	1/4/2015 08:01:06	10.37	47.88	31.04	8.42	7.99	6.9	3.222	91.7	2.7	1.1	0.6
1530	1/4/2015 08:16:06	10.53	48.24	31.30	8.38	8.00	8.0	3.314	91.7	1.6	0.6	0.4
1531	1/4/2015 08:31:05	10.61	48.41	31.43	8.35	8.01	9.0	3.410	91.7	2.5	1.0	0.6
1532	1/4/2015 08:46:05	10.84	48.87	31.77	8.32	8.02	9.4	3.501	91.9	3.0	1.2	0.7
1533	1/4/2015 09:01:05	10.98	49.14	31.98	8.30	8.03	9.2	3.591	92.1	3.4	1.4	0.8
1534	1/4/2015 09:16:05	11.10	49.35	32.14	8.28	8.04	7.7	3.684	92.3	3.1	1.2	0.7
1535	1/4/2015 09:31:05	11.16	49.45	32.21	8.29	8.04	8.3	3.770	92.6	3.5	1.4	0.8
1536	1/4/2015 09:46:05	11.32	49.67	32.38	8.32	8.05	6.7	3.850	93.3	3.5	1.4	0.8
1537	1/4/2015 10:01:05	11.42	49.78	32.47	8.35	8.06	6.1	3.925	93.8	3.0	1.2	0.7
1538	1/4/2015 10:16:05	11.47	49.84	32.52	8.36	8.07	4.7	3.963	94.1	3.4	1.4	0.8
1539	1/4/2015 10:31:05	11.48	49.85	32.52	8.35	8.07	5.4	4.008	94.0	3.4	1.4	0.8
1540	1/4/2015 10:46:05	11.50	49.87	32.53	8.33	8.07	3.4	4.033	93.8	3.4	1.4	0.8
1541	1/4/2015 11:01:05	11.34	49.63	32.35	8.29	8.06	4.7	4.021	93.0	3.1	1.2	0.7
1542	1/4/2015 11:16:05	11.41	49.76	32.45	8.28	8.06	5.0	4.009	93.1	3.1	1.2	0.7
1543	1/4/2015 11:31:05	11.43	49.77	32.46	8.29	8.06	5.2	3.970	93.2	3.2	1.3	0.8
1544	1/4/2015 11:46:05	11.34	49.55	32.30	8.36	8.06	6.2	3.895	93.7	2.5	1.0	0.6
1545	1/4/2015 12:01:05	11.14	48.69	31.66	8.56	8.04	4.5	3.800	95.2	2.7	1.1	0.6
1546	1/4/2015 12:16:05	11.14	48.61	31.61	8.53	8.03	5.1	3.716	94.8	2.7	1.1	0.6
1547	1/4/2015 12:31:05	10.91	48.20	31.30	8.57	8.02	4.5	3.598	94.6	2.4	1.0	0.6
1548	1/4/2015 12:46:05	10.81	47.87	31.06	8.62	8.01	4.8	3.496	94.8	2.6	1.0	0.6
1549	1/4/2015 13:01:05	10.66	47.67	30.90	8.63	8.01	5.8	3.395	94.5	2.7	1.1	0.6
1550	1/4/2015 13:16:05	10.61	47.39	30.70	8.72	8.00	6.3	3.247	95.2	2.6	1.0	0.6
1551	1/4/2015 13:31:05	10.58	47.32	30.64	8.72	8.00	6.2	3.130	95.1	2.6	1.0	0.6
1552	1/4/2015 13:46:05	10.68	47.28	30.62	8.78	8.00	5.0	3.013	96.0	2.5	1.0	0.6
1553	1/4/2015 14:01:06	10.78	47.36	30.68	8.83	8.01	5.0	2.873	96.8	2.4	1.0	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
1554	1/4/2015 14:16:05	10.72	47.10	30.49	8.91	8.01	5.5	2.746	97.5	2.6	1.0	0.6
1555	1/4/2015 14:31:05	10.52	46.69	30.19	8.97	8.00	6.4	2.598	97.5	2.5	1.0	0.6
1556	1/4/2015 14:46:05	10.65	46.85	30.31	8.96	8.01	7.2	2.457	97.7	2.2	0.9	0.5
1557	1/4/2015 15:01:05	10.51	46.62	30.14	9.02	8.00	8.3	2.327	97.9	2.5	1.0	0.6
1558	1/4/2015 15:16:05	10.37	46.29	29.90	9.10	8.00	8.7	2.177	98.4	2.9	1.2	0.7
1559	1/4/2015 15:31:06	10.34	46.15	29.79	9.14	8.00	8.5	2.010	98.7	2.4	1.0	0.6
1560	1/4/2015 15:46:06	10.34	45.86	29.58	9.28	8.00	9.6	1.879	100.0	2.8	1.1	0.7
1561	1/4/2015 16:01:05	10.22	45.57	29.37	9.36	8.00	8.9	1.740	100.5	2.3	0.9	0.5
1562	1/4/2015 16:16:05	10.12	45.21	29.11	9.43	8.00	8.6	1.583	100.9	2.6	1.0	0.6
1563	1/4/2015 16:31:05	10.08	45.05	28.99	9.51	8.00	8.5	1.459	101.6	2.5	1.0	0.6
1564	1/4/2015 16:46:05	10.04	44.92	28.90	9.60	8.01	8.8	1.350	102.4	2.4	1.0	0.6
1565	1/4/2015 17:01:05	10.01	44.73	28.76	9.71	8.01	7.7	1.256	103.4	2.7	1.1	0.6
1566	1/4/2015 17:16:05	9.99	44.66	28.71	9.73	8.01	7.7	1.202	103.6	2.9	1.2	0.7
1567	1/4/2015 17:31:06	10.00	44.75	28.78	9.68	8.01	8.8	1.156	103.1	2.1	0.8	0.5
1568	1/4/2015 17:46:05	10.01	44.78	28.80	9.68	8.01	7.2	1.204	103.1	2.3	0.9	0.5
1569	1/4/2015 18:01:05	10.01	44.82	28.83	9.64	8.01	6.7	1.272	102.7	2.2	0.9	0.5
1570	1/4/2015 18:16:06	9.99	44.88	28.87	9.59	8.00	6.0	1.332	102.2	2.0	0.8	0.5
1571	1/4/2015 18:31:06	9.94	44.86	28.85	9.55	8.00	6.3	1.404	101.6	2.4	1.0	0.6
1572	1/4/2015 18:46:06	9.96	44.69	28.73	9.48	7.99	6.8	1.509	100.8	2.6	1.0	0.6
1573	1/4/2015 19:01:06	9.98	44.72	28.75	9.45	7.99	7.2	1.582	100.6	3.0	1.2	0.7
1574	1/4/2015 19:16:06	10.00	44.72	28.75	9.40	7.98	7.3	1.654	100.0	2.9	1.2	0.7
1575	1/4/2015 19:31:05	10.02	44.72	28.76	9.35	7.98	7.6	1.757	99.6	2.8	1.1	0.7
1576	1/4/2015 19:46:05	10.05	44.89	28.87	9.32	7.98	7.8	1.830	99.4	2.3	0.9	0.5
1577	1/4/2015 20:01:05	10.15	45.35	29.21	9.18	7.98	7.7	1.929	98.3	2.7	1.1	0.6
1578	1/4/2015 20:16:06	10.21	45.68	29.45	9.08	7.98	7.0	2.022	97.5	2.8	1.1	0.7
1579	1/4/2015 20:31:05	10.24	45.81	29.55	9.01	7.98	7.5	2.116	96.9	2.8	1.1	0.7
1580	1/4/2015 20:46:05	10.22	45.89	29.60	8.94	7.97	8.0	2.234	96.2	2.3	0.9	0.5
1581	1/4/2015 21:01:05	10.25	46.15	29.79	8.82	7.97	9.0	2.328	95.0	2.9	1.2	0.7
1582	1/4/2015 21:16:06	10.27	46.35	29.93	8.77	7.97	8.2	2.449	94.6	2.8	1.1	0.7
1583	1/4/2015 21:31:05	10.32	46.55	30.08	8.73	7.97	9.6	2.548	94.4	2.7	1.1	0.6
1584	1/4/2015 21:46:05	10.37	46.75	30.23	8.70	7.97	10.0	2.650	94.2	2.5	1.0	0.6
1585	1/4/2015 22:01:06	10.40	46.87	30.31	8.67	7.98	10.0	2.744	94.0	2.9	1.2	0.7
1586	1/4/2015 22:16:06	10.44	46.98	30.39	8.64	7.98	11.2	2.844	93.8	2.9	1.2	0.7
1587	1/4/2015 22:31:05	10.50	47.19	30.55	8.61	7.98	13.4	2.926	93.8	3.4	1.4	0.8
1588	1/4/2015 22:46:06	10.57	47.39	30.70	8.59	7.99	12.9	3.011	93.7	2.8	1.1	0.7
1589	1/4/2015 23:01:05	10.79	48.02	31.16	8.54	8.00	13.0	3.099	93.9	3.9	1.6	0.9
1590	1/4/2015 23:16:05	10.93	48.42	31.45	8.52	8.01	10.9	3.175	94.1	3.4	1.4	0.8
1591	1/4/2015 23:31:05	11.00	48.64	31.62	8.49	8.02	11.0	3.255	94.1	3.3	1.3	0.8
1592	1/4/2015 23:46:05	11.05	48.78	31.72	8.46	8.02	9.5	3.320	93.9	3.4	1.4	0.8
1593	1/5/2015 00:01:05	11.07	48.86	31.78	8.44	8.02	9.8	3.381	93.8	3.2	1.3	0.8
1594	1/5/2015 00:16:05	11.08	48.91	31.82	8.41	8.02	7.8	3.415	93.5	3.5	1.4	0.8
1595	1/5/2015 00:31:05	11.09	48.93	31.83	8.40	8.02	6.4	3.455	93.3	3.0	1.2	0.7

sonde #2		Indian Island Long-Term Deployment Water Quality Data										
			SpCond		DO Conc		Turbidity+	Depth		Chlorophyll	Corrected Chlorophyll	Fluorescence
Sample #	Date & Time	Temp C	mS/cm	Salinity ppt	mg/L	pH	NTU	meters	DO%	ug/L	(Corrected ratio = 0.40)	%FS
1596	1/5/2015 00:46:05	11.04	48.79	31.73	8.38	8.02	6.3	3.465	93.0	3.0	1.2	0.7
1597	1/5/2015 01:01:06	11.09	48.97	31.86	8.34	8.02	6.4	3.437	92.7	3.6	1.4	0.9
1598	1/5/2015 01:16:05	10.92	48.50	31.51	8.40	8.01	7.4	3.401	92.9	3.7	1.5	0.9
1599	1/5/2015 01:31:05	10.51	47.71	30.92	8.49	7.99	7.8	3.360	92.7	2.6	1.0	0.6
1600	1/5/2015 01:46:05	10.47	47.67	30.89	8.50	7.99	7.5	3.282	92.6	3.0	1.2	0.7
1601	1/5/2015 02:01:05	10.63	48.06	31.18	8.52	8.00	6.6	3.200	93.4	3.1	1.2	0.7
1602	1/5/2015 02:16:05	10.53	47.73	30.94	8.54	7.99	6.5	3.117	93.2	2.6	1.0	0.6
1603	1/5/2015 02:31:05	10.41	47.38	30.68	8.54	7.98	6.4	3.042	92.9	2.7	1.1	0.6
1604	1/5/2015 02:46:06	10.37	47.30	30.62	8.53	7.98	6.5	2.966	92.7	2.5	1.0	0.6
1605	1/5/2015 03:01:05	10.29	47.07	30.45	8.56	7.97	5.6	2.884	92.7	2.4	1.0	0.6
1606	1/5/2015 03:16:05	10.28	47.05	30.44	8.55	7.97	5.7	2.814	92.6	2.1	0.8	0.5
1607	1/5/2015 03:31:05	10.27	47.15	30.50	8.56	7.97	5.4	2.740	92.7	2.3	0.9	0.5
1608	1/5/2015 03:46:06	10.22	46.94	30.35	8.63	7.97	5.5	2.664	93.2	2.5	1.0	0.6
1609	1/5/2015 04:01:05	10.15	46.72	30.19	8.67	7.97	5.3	2.611	93.4	2.0	0.8	0.5
1610	1/5/2015 04:16:05	10.11	46.47	30.01	8.70	7.97	5.4	2.554	93.6	2.0	0.8	0.5
1611	1/5/2015 04:31:05	9.99	46.25	29.85	8.76	7.96	5.0	2.499	93.9	2.6	1.0	0.6
1612	1/5/2015 04:46:05	9.96	46.05	29.70	8.77	7.96	5.0	2.465	93.8	2.4	1.0	0.6
1613	1/5/2015 05:01:06	9.93	45.92	29.61	8.80	7.96	5.0	2.432	94.0	2.5	1.0	0.6
1614	1/5/2015 05:16:06	9.86	45.68	29.43	8.81	7.96	4.5	2.405	93.9	2.6	1.0	0.6
1615	1/5/2015 05:31:06	10.05	46.24	29.84	8.66	7.96	4.9	2.391	93.0	2.0	0.8	0.5
1616	1/5/2015 05:46:06	10.08	46.31	29.89	8.68	7.96	5.1	2.413	93.2	2.6	1.0	0.6
1617	1/5/2015 06:01:06	10.07	46.29	29.88	8.70	7.96	5.1	2.430	93.4	2.0	0.8	0.5
1618	1/5/2015 06:16:05	10.03	46.24	29.84	8.72	7.96	5.1	2.463	93.6	2.0	0.8	0.5
1619	1/5/2015 06:31:06	10.08	46.39	29.95	8.69	7.96	5.7	2.522	93.4	2.7	1.1	0.6
1620	1/5/2015 06:46:06	9.91	46.05	29.70	8.77	7.96	5.6	2.581	93.8	1.9	0.8	0.5
1621	1/5/2015 07:01:06	10.12	46.54	30.06	8.65	7.97	6.1	2.648	93.1	2.5	1.0	0.6
1622	1/5/2015 07:16:05	10.21	46.75	30.22	8.62	7.97	6.7	2.721	93.1	2.6	1.0	0.6
1623	1/5/2015 07:31:05	10.25	47.00	30.39	8.59	7.97	6.4	2.789	92.9	2.6	1.0	0.6
1624	1/5/2015 07:46:06	10.42	47.45	30.73	8.53	7.98	6.5	2.871	92.8	2.3	0.9	0.6
1625	1/5/2015 08:01:05	10.49	47.58	30.83	8.54	7.99	7.0	2.949	93.1	2.6	1.0	0.6
1626	1/5/2015 08:16:05	10.60	47.84	31.02	8.50	7.99	6.7	3.038	93.0	2.6	1.0	0.6
1627	1/5/2015 08:31:06	10.65	48.00	31.14	8.49	8.00	7.2	3.125	93.1	2.7	1.1	0.6
1628	1/5/2015 08:46:05	10.68	48.09	31.21	8.48	8.00	7.6	3.220	93.1	2.7	1.1	0.7
1629	1/5/2015 09:01:05	10.77	48.39	31.42	8.45	8.01	8.8	3.310	93.1	2.8	1.1	0.7
1630	1/5/2015 09:16:05	10.86	48.62	31.60	8.43	8.01	9.0	3.394	93.1	3.1	1.2	0.7
1631	1/5/2015 09:31:05	10.95	48.94	31.84	8.42	8.02	8.3	3.489	93.3	2.4	1.0	0.6
1632	1/5/2015 09:46:05	11.03	49.19	32.02	8.41	8.02	8.6	3.578	93.5	2.9	1.2	0.7
1633	1/5/2015 10:01:05	11.09	49.42	32.19	8.40	8.03	7.5	3.660	93.6	3.0	1.2	0.7
1634	1/5/2015 10:16:05	11.12	49.55	32.29	8.41	8.03	6.4	3.734	93.8	3.3	1.3	0.8
1635	1/5/2015 10:31:05	11.17	49.71	32.40	8.42	8.03	5.9	3.810	94.1	2.9	1.2	0.7
1636	1/5/2015 10:46:05	11.21	49.83	32.49	8.41	8.04	5.2	3.879	94.2	3.0	1.2	0.7
1637	1/5/2015 11:01:05	11.23	49.92	32.56	8.42	8.04	5.3	3.927	94.3	2.8	1.1	0.7

sonde #2		Indian Island Long-Term Deployment								Water Quality Data		
			SpCond		DO Conc		Turbidity+	Depth		Chlorophyll	Corrected Chlorophyll	Fluorescence
Sample #	Date & Time	Temp C	mS/cm	Salinity ppt	mg/L	pH	NTU	meters	DO%	ug/L	(Corrected ratio = 0.40)	%FS
1638	1/5/2015 11:16:05	11.25	49.96	32.59	8.43	8.04	3.8	3.960	94.4	2.8	1.1	0.7
1639	1/5/2015 11:31:05	11.25	49.96	32.59	8.39	8.04	3.8	3.981	94.1	2.8	1.1	0.7
1640	1/5/2015 11:46:05	11.21	49.80	32.47	8.36	8.03	4.0	3.988	93.5	3.1	1.2	0.7
1641	1/5/2015 12:01:05	11.21	49.85	32.50	8.35	8.04	4.6	3.958	93.4	2.7	1.1	0.6
1642	1/5/2015 12:16:05	11.22	49.90	32.54	8.37	8.04	4.7	3.908	93.7	2.7	1.1	0.6
1643	1/5/2015 12:31:05	11.22	49.62	32.34	8.52	8.04	6.0	3.844	95.2	2.7	1.1	0.6
1644	1/5/2015 12:46:05	11.34	49.44	32.21	8.63	8.05	6.8	3.735	96.6	3.2	1.3	0.8
1645	1/5/2015 13:01:05	11.25	49.06	31.94	8.58	8.03	4.8	3.636	95.8	2.8	1.1	0.7
1646	1/5/2015 13:16:05	11.09	48.30	31.38	8.69	8.02	5.3	3.515	96.3	2.3	0.9	0.5
1647	1/5/2015 13:31:05	11.03	48.16	31.27	8.74	8.02	5.7	3.400	96.7	2.4	1.0	0.6
1648	1/5/2015 13:46:05	10.99	47.74	30.97	8.78	8.01	5.8	3.278	96.9	2.5	1.0	0.6
1649	1/5/2015 14:01:05	11.02	47.87	31.06	8.85	8.02	5.3	3.159	97.7	2.6	1.0	0.6
1650	1/5/2015 14:16:05	11.02	47.87	31.07	8.87	8.02	4.9	3.032	98.0	2.6	1.0	0.6
1651	1/5/2015 14:31:05	11.00	47.80	31.02	8.88	8.02	5.5	2.908	98.0	2.7	1.1	0.6
1652	1/5/2015 14:46:05	10.95	47.77	30.99	8.90	8.02	5.1	2.787	98.1	2.8	1.1	0.7
1653	1/5/2015 15:01:05	10.93	47.50	30.79	8.98	8.02	5.6	2.640	98.8	2.7	1.1	0.6
1654	1/5/2015 15:16:05	10.77	47.04	30.46	9.00	8.01	5.7	2.515	98.5	2.7	1.1	0.6
1655	1/5/2015 15:31:05	10.92	47.25	30.61	9.02	8.02	7.0	2.393	99.2	2.5	1.0	0.6
1656	1/5/2015 15:46:05	10.73	46.87	30.33	9.15	8.01	7.3	2.235	99.9	2.7	1.1	0.6
1657	1/5/2015 16:01:05	10.63	46.58	30.12	9.22	8.01	9.2	2.073	100.3	2.4	1.0	0.6
1658	1/5/2015 16:16:05	10.55	46.29	29.91	9.25	8.01	9.2	1.940	100.4	2.9	1.2	0.7
1659	1/5/2015 16:31:05	10.60	46.33	29.93	9.34	8.02	7.9	1.803	101.5	3.0	1.2	0.7
1660	1/5/2015 16:46:05	10.42	45.78	29.53	9.38	8.00	7.6	1.657	101.3	2.9	1.2	0.7
1661	1/5/2015 17:01:06	10.34	45.51	29.34	9.43	8.00	6.7	1.524	101.6	2.5	1.0	0.6
1662	1/5/2015 17:16:06	10.30	45.35	29.22	9.54	8.01	6.9	1.407	102.5	2.8	1.1	0.7
1663	1/5/2015 17:31:05	10.25	45.14	29.07	9.67	8.01	6.7	1.307	103.7	1.9	0.8	0.5
1664	1/5/2015 17:46:05	10.22	45.04	28.99	9.72	8.01	8.3	1.236	104.2	2.6	1.0	0.6
1665	1/5/2015 18:01:06	10.20	45.01	28.97	9.71	8.01	9.4	1.179	103.9	2.7	1.1	0.6
1666	1/5/2015 18:16:06	10.23	45.12	29.05	9.69	8.01	7.6	1.205	103.9	2.6	1.0	0.6
1667	1/5/2015 18:31:06	10.26	45.22	29.12	9.61	8.01	6.1	1.239	103.2	2.4	1.0	0.6
1668	1/5/2015 18:46:05	10.27	45.27	29.16	9.57	8.01	6.2	1.301	102.7	2.7	1.1	0.6
1669	1/5/2015 19:01:05	10.25	45.30	29.18	9.52	8.00	6.0	1.394	102.2	2.4	1.0	0.6
1670	1/5/2015 19:16:05	10.19	45.05	29.00	9.45	7.99	6.1	1.456	101.2	2.3	0.9	0.5
1671	1/5/2015 19:31:05	10.24	45.13	29.06	9.42	7.99	6.4	1.550	101.0	2.3	0.9	0.6
1672	1/5/2015 19:46:05	10.25	45.06	29.01	9.38	7.98	6.5	1.625	100.6	2.5	1.0	0.6
1673	1/5/2015 20:01:05	10.26	45.10	29.04	9.33	7.98	6.7	1.705	100.1	3.1	1.2	0.7
1674	1/5/2015 20:16:06	10.28	45.18	29.10	9.31	7.98	7.0	1.790	100.0	2.9	1.2	0.7
1675	1/5/2015 20:31:06	10.31	45.34	29.22	9.28	7.98	6.8	1.887	99.7	2.5	1.0	0.6
1676	1/5/2015 20:46:06	10.41	45.81	29.55	9.13	7.99	7.3	1.977	98.6	2.7	1.1	0.6
1677	1/5/2015 21:01:05	10.43	45.92	29.63	9.06	7.98	6.7	2.077	97.9	2.7	1.1	0.6
1678	1/5/2015 21:16:06	10.49	46.23	29.86	8.95	7.98	6.9	2.191	97.0	3.1	1.2	0.7
1679	1/5/2015 21:31:06	10.54	46.55	30.09	8.82	7.98	7.8	2.286	95.9	2.2	0.9	0.5

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
1680	1/5/2015 21:46:05	10.56	46.69	30.19	8.79	7.98	7.7	2.397	95.6	3.0	1.2	0.7
1681	1/5/2015 22:01:05	10.58	46.80	30.27	8.78	7.98	8.6	2.503	95.5	2.7	1.1	0.6
1682	1/5/2015 22:16:06	10.63	47.00	30.41	8.74	7.98	9.6	2.600	95.4	2.7	1.1	0.6
1683	1/5/2015 22:31:06	10.67	47.14	30.52	8.70	7.99	9.9	2.694	95.1	2.8	1.1	0.7
1684	1/5/2015 22:46:06	10.70	47.26	30.61	8.68	7.99	10.1	2.793	94.9	2.4	1.0	0.6
1685	1/5/2015 23:01:06	10.75	47.49	30.78	8.65	7.99	12.3	2.890	94.9	2.9	1.2	0.7
1686	1/5/2015 23:16:05	10.81	47.72	30.95	8.63	8.00	11.5	2.978	94.8	3.2	1.3	0.8
1687	1/5/2015 23:31:05	10.94	48.33	31.39	8.57	8.01	10.6	3.066	94.7	3.2	1.3	0.8
1688	1/5/2015 23:46:05	11.01	48.68	31.65	8.54	8.01	10.3	3.150	94.7	3.4	1.4	0.8
1689	1/6/2015 00:01:06	11.06	48.89	31.80	8.52	8.02	10.4	3.231	94.7	3.0	1.2	0.7
1690	1/6/2015 00:16:05	11.09	49.00	31.89	8.50	8.02	11.0	3.306	94.6	3.2	1.3	0.8
1691	1/6/2015 00:31:05	11.10	49.06	31.93	8.49	8.02	10.7	3.367	94.4	3.6	1.4	0.9
1692	1/6/2015 00:46:05	11.10	49.12	31.97	8.46	8.02	8.5	3.428	94.1	3.3	1.3	0.8
1693	1/6/2015 01:01:05	11.10	49.20	32.03	8.43	8.02	6.8	3.463	93.8	3.1	1.2	0.7
1694	1/6/2015 01:16:06	11.02	49.02	31.89	8.40	8.02	5.6	3.474	93.3	3.4	1.4	0.8
1695	1/6/2015 01:31:06	11.09	49.19	32.02	8.36	8.02	6.5	3.490	93.0	2.6	1.0	0.6
1696	1/6/2015 01:46:05	11.08	49.14	31.98	8.38	8.02	6.7	3.460	93.2	3.0	1.2	0.7
1697	1/6/2015 02:01:05	10.86	48.51	31.52	8.45	8.00	7.8	3.407	93.3	3.1	1.2	0.7
1698	1/6/2015 02:16:05	10.64	48.07	31.19	8.50	7.99	6.5	3.340	93.2	2.8	1.1	0.7
1699	1/6/2015 02:31:05	10.65	48.08	31.20	8.54	8.00	6.6	3.271	93.6	2.5	1.0	0.6
1700	1/6/2015 02:46:06	10.76	48.49	31.50	8.52	8.01	5.7	3.177	93.9	2.7	1.1	0.6
1701	1/6/2015 03:01:05	10.66	48.00	31.14	8.54	7.99	6.1	3.085	93.7	2.8	1.1	0.7
1702	1/6/2015 03:16:05	10.65	47.92	31.08	8.52	7.99	5.7	3.003	93.3	2.6	1.0	0.6
1703	1/6/2015 03:31:05	10.60	47.74	30.95	8.52	7.99	5.2	2.924	93.2	2.6	1.0	0.6
1704	1/6/2015 03:46:05	10.54	47.54	30.80	8.55	7.98	5.6	2.839	93.3	2.7	1.1	0.6
1705	1/6/2015 04:01:05	10.53	47.51	30.78	8.55	7.98	5.1	2.772	93.3	3.0	1.2	0.7
1706	1/6/2015 04:16:05	10.37	47.03	30.43	8.66	7.98	5.0	2.703	93.9	2.6	1.0	0.6
1707	1/6/2015 04:31:05	10.33	46.99	30.39	8.68	7.98	4.5	2.639	94.0	2.7	1.1	0.6
1708	1/6/2015 04:46:05	10.24	46.60	30.11	8.72	7.97	4.8	2.582	94.1	3.0	1.2	0.7
1709	1/6/2015 05:01:05	10.22	46.96	30.36	8.69	7.97	4.5	2.519	93.9	2.2	0.9	0.5
1710	1/6/2015 05:16:06	10.15	46.57	30.08	8.69	7.97	4.8	2.482	93.6	2.7	1.1	0.6
1711	1/6/2015 05:31:06	10.08	46.40	29.96	8.77	7.97	4.5	2.439	94.2	3.0	1.2	0.7
1712	1/6/2015 05:46:06	10.06	46.34	29.91	8.76	7.97	4.7	2.406	94.1	2.5	1.0	0.6
1713	1/6/2015 06:01:05	10.05	46.25	29.84	8.72	7.96	4.3	2.393	93.6	2.6	1.0	0.6
1714	1/6/2015 06:16:05	10.12	46.48	30.02	8.68	7.96	4.2	2.381	93.5	2.1	0.8	0.5
1715	1/6/2015 06:31:05	10.22	46.68	30.17	8.67	7.97	4.8	2.396	93.6	2.2	0.9	0.5
1716	1/6/2015 06:46:05	10.26	46.73	30.20	8.68	7.97	4.5	2.419	93.8	2.5	1.0	0.6
1717	1/6/2015 07:01:06	10.22	46.67	30.16	8.71	7.97	4.5	2.462	94.0	2.6	1.0	0.6
1718	1/6/2015 07:16:06	10.29	46.87	30.30	8.66	7.97	5.3	2.513	93.7	2.4	1.0	0.6
1719	1/6/2015 07:31:06	10.06	46.47	30.00	8.74	7.97	6.0	2.578	93.9	1.7	0.7	0.4
1720	1/6/2015 07:46:06	10.24	46.86	30.29	8.67	7.97	5.6	2.646	93.7	2.5	1.0	0.6
1721	1/6/2015 08:01:05	10.35	47.10	30.47	8.63	7.97	5.5	2.725	93.6	2.6	1.0	0.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Corrected Chlorophyll	Fluorescence %FS
			mS/cm		mg/L		NTU			ug/L	(Corrected ratio = 0.40)	
1722	1/6/2015 08:16:05	10.45	47.46	30.74	8.57	7.98	5.7	2.804	93.3	2.1	0.8	0.5
1723	1/6/2015 08:31:05	10.54	47.72	30.93	8.55	7.99	6.1	2.881	93.3	2.4	1.0	0.6
1724	1/6/2015 08:46:05	10.63	47.94	31.09	8.54	7.99	6.3	2.971	93.6	2.3	0.9	0.6
1725	1/6/2015 09:01:05	10.70	48.12	31.22	8.51	8.00	6.1	3.055	93.4	2.4	1.0	0.6
1726	1/6/2015 09:16:05	10.74	48.24	31.32	8.50	8.00	6.2	3.137	93.4	2.2	0.9	0.5
1727	1/6/2015 09:31:05	10.78	48.40	31.43	8.48	8.00	6.8	3.222	93.4	2.2	0.9	0.5
1728	1/6/2015 09:46:05	10.86	48.72	31.67	8.42	8.01	7.0	3.315	93.1	2.7	1.1	0.6
1729	1/6/2015 10:01:05	10.93	48.93	31.82	8.39	8.01	7.9	3.391	93.0	2.5	1.0	0.6
1730	1/6/2015 10:16:05	10.97	49.12	31.97	8.37	8.02	7.9	3.474	92.9	2.3	0.9	0.5
1731	1/6/2015 10:31:05	11.02	49.28	32.08	8.36	8.02	6.5	3.557	93.0	2.8	1.1	0.7
1732	1/6/2015 10:46:05	11.06	49.42	32.19	8.36	8.02	6.3	3.628	93.1	2.8	1.1	0.7
1733	1/6/2015 11:01:05	11.07	49.54	32.27	8.35	8.03	5.1	3.690	93.1	2.8	1.1	0.7
1734	1/6/2015 11:16:05	11.10	49.66	32.37	8.35	8.03	4.8	3.751	93.1	2.6	1.0	0.6
1735	1/6/2015 11:31:05	11.15	49.75	32.43	8.34	8.03	4.5	3.805	93.2	3.1	1.2	0.7
1736	1/6/2015 11:46:05	11.16	49.79	32.46	8.34	8.03	4.2	3.832	93.2	3.0	1.2	0.7
1737	1/6/2015 12:01:05	11.17	49.81	32.48	8.33	8.03	3.6	3.862	93.1	3.1	1.2	0.7
1738	1/6/2015 12:16:05	11.11	49.55	32.28	8.34	8.03	3.9	3.870	93.1	2.4	1.0	0.6
1739	1/6/2015 12:31:05	11.12	49.65	32.35	8.27	8.03	4.4	3.852	92.3	2.9	1.2	0.7
1740	1/6/2015 12:46:05	11.16	49.80	32.47	8.27	8.03	4.3	3.819	92.5	3.0	1.2	0.7
1741	1/6/2015 13:01:05	11.17	49.57	32.30	8.36	8.03	5.5	3.763	93.3	2.7	1.1	0.6
1742	1/6/2015 13:16:06	11.30	49.24	32.07	8.66	8.04	5.1	3.692	96.9	3.0	1.2	0.7
1743	1/6/2015 13:31:05	11.30	49.02	31.91	8.60	8.03	4.5	3.583	96.0	3.0	1.2	0.7
1744	1/6/2015 13:46:05	11.29	48.79	31.74	8.61	8.03	4.7	3.485	96.1	2.6	1.0	0.6
1745	1/6/2015 14:01:06	11.18	48.43	31.48	8.76	8.03	4.7	3.379	97.3	2.9	1.2	0.7
1746	1/6/2015 14:16:05	11.24	47.88	31.08	8.81	8.01	5.7	3.265	97.8	2.3	0.9	0.5
1747	1/6/2015 14:31:05	11.22	48.22	31.32	8.86	8.02	4.8	3.150	98.5	2.3	0.9	0.5
1748	1/6/2015 14:46:05	11.14	47.99	31.16	8.95	8.03	4.3	3.028	99.2	2.6	1.0	0.6
1749	1/6/2015 15:01:05	11.13	48.02	31.18	8.97	8.03	4.5	2.905	99.4	2.4	1.0	0.6
1750	1/6/2015 15:16:05	11.18	48.16	31.28	8.94	8.03	4.7	2.795	99.2	2.9	1.2	0.7
1751	1/6/2015 15:31:05	11.18	47.82	31.04	8.97	8.03	4.7	2.661	99.5	3.2	1.3	0.8
1752	1/6/2015 15:46:05	11.12	47.65	30.91	9.03	8.03	4.7	2.531	99.8	3.4	1.4	0.8
1753	1/6/2015 16:01:06	10.86	47.08	30.49	9.10	8.01	8.6	2.405	99.8	2.8	1.1	0.7
1754	1/6/2015 16:16:05	10.93	47.23	30.60	9.14	8.02	6.3	2.259	100.5	2.7	1.1	0.6
1755	1/6/2015 16:31:05	10.79	46.93	30.38	9.17	8.01	6.8	2.138	100.4	2.5	1.0	0.6
1756	1/6/2015 16:46:05	10.81	46.98	30.42	9.22	8.02	6.8	1.977	100.9	2.7	1.1	0.6
1757	1/6/2015 17:01:05	10.73	46.67	30.19	9.30	8.02	8.4	1.858	101.6	3.3	1.3	0.8
1758	1/6/2015 17:16:05	10.70	46.52	30.08	9.34	8.02	7.3	1.722	101.8	2.6	1.0	0.6
1759	1/6/2015 17:31:06	10.59	46.14	29.80	9.40	8.02	6.8	1.593	102.1	2.5	1.0	0.6
1760	1/6/2015 17:46:05	10.52	45.90	29.62	9.48	8.01	6.8	1.479	102.7	2.6	1.0	0.6
1761	1/6/2015 18:01:05	10.48	45.68	29.46	9.60	8.02	7.6	1.381	103.7	2.7	1.1	0.6
1762	1/6/2015 18:16:05	10.46	45.61	29.42	9.63	8.02	11.6	1.318	104.0	2.9	1.2	0.7
1763	1/6/2015 18:31:06	10.43	45.53	29.36	9.68	8.02	10.0	1.264	104.4	2.9	1.2	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
1764	1/6/2015 18:46:06	10.41	45.61	29.41	9.59	8.01	14.4	1.249	103.5	3.4	1.4	0.8
1765	1/6/2015 19:01:06	10.45	45.66	29.45	9.60	8.01	8.8	1.280	103.7	3.5	1.4	0.8
1766	1/6/2015 19:16:05	10.49	45.72	29.50	9.54	8.01	6.2	1.330	103.2	3.1	1.2	0.7
1767	1/6/2015 19:31:06	10.48	45.77	29.53	9.52	8.01	5.6	1.409	102.9	2.5	1.0	0.6
1768	1/6/2015 19:46:06	10.47	45.79	29.54	9.47	8.01	5.4	1.487	102.4	2.7	1.1	0.6
1769	1/6/2015 20:01:06	10.44	45.56	29.38	9.40	8.00	6.5	1.579	101.5	3.0	1.2	0.7
1770	1/6/2015 20:16:05	10.45	45.50	29.34	9.37	7.99	6.4	1.666	101.1	2.6	1.0	0.6
1771	1/6/2015 20:31:05	10.46	45.49	29.33	9.32	7.99	6.8	1.755	100.6	2.3	0.9	0.5
1772	1/6/2015 20:46:05	10.47	45.50	29.34	9.30	7.99	6.4	1.839	100.4	2.6	1.0	0.6
1773	1/6/2015 21:01:05	10.53	45.78	29.54	9.28	7.99	6.7	1.924	100.4	3.1	1.2	0.7
1774	1/6/2015 21:16:05	10.59	46.01	29.71	9.23	7.99	6.4	2.021	100.2	2.6	1.0	0.6
1775	1/6/2015 21:31:05	10.64	46.34	29.94	9.13	7.99	6.2	2.116	99.3	3.1	1.2	0.7
1776	1/6/2015 21:46:05	10.67	46.59	30.13	9.00	7.99	6.5	2.208	98.1	2.6	1.0	0.6
1777	1/6/2015 22:01:05	10.74	46.86	30.32	8.90	7.99	6.5	2.313	97.3	2.4	1.0	0.6
1778	1/6/2015 22:16:05	10.75	46.98	30.41	8.86	7.99	6.6	2.414	96.9	2.7	1.1	0.6
1779	1/6/2015 22:31:05	10.77	47.08	30.48	8.84	7.99	7.0	2.512	96.8	2.8	1.1	0.7
1780	1/6/2015 22:46:05	10.82	47.25	30.61	8.80	7.99	7.9	2.612	96.6	3.6	1.4	0.9
1781	1/6/2015 23:01:05	10.83	47.37	30.69	8.77	7.99	7.9	2.701	96.2	2.7	1.1	0.6
1782	1/6/2015 23:16:05	10.87	47.49	30.78	8.73	7.99	8.9	2.795	95.9	3.5	1.4	0.8
1783	1/6/2015 23:31:05	10.90	47.65	30.90	8.70	8.00	9.5	2.887	95.8	2.6	1.0	0.6
1784	1/6/2015 23:46:05	10.94	47.86	31.05	8.67	8.00	9.9	2.976	95.6	2.7	1.1	0.6
1785	1/7/2015 00:01:05	11.02	48.27	31.35	8.59	8.01	10.6	3.064	95.0	3.0	1.2	0.7
1786	1/7/2015 00:16:05	11.09	48.74	31.70	8.53	8.01	8.7	3.147	94.7	2.9	1.2	0.7
1787	1/7/2015 00:31:05	11.13	49.00	31.89	8.50	8.02	9.5	3.231	94.6	3.2	1.3	0.8
1788	1/7/2015 00:46:05	11.16	49.13	31.98	8.47	8.02	8.4	3.311	94.4	2.8	1.1	0.7
1789	1/7/2015 01:01:05	11.15	49.20	32.03	8.45	8.02	6.7	3.373	94.2	3.3	1.3	0.8
1790	1/7/2015 01:16:06	11.13	49.30	32.10	8.40	8.02	6.3	3.430	93.7	3.0	1.2	0.7
1791	1/7/2015 01:31:05	11.13	49.40	32.18	8.35	8.02	6.1	3.477	93.1	2.7	1.1	0.6
1792	1/7/2015 01:46:05	11.11	49.49	32.24	8.30	8.02	5.1	3.496	92.6	3.1	1.2	0.7
1793	1/7/2015 02:01:05	11.09	49.31	32.11	8.29	8.01	4.8	3.508	92.3	2.9	1.2	0.7
1794	1/7/2015 02:16:05	11.11	49.51	32.26	8.24	8.02	4.7	3.491	91.9	3.1	1.2	0.7
1795	1/7/2015 02:31:05	11.06	49.10	31.95	8.35	8.01	6.2	3.449	92.8	3.7	1.5	0.9
1796	1/7/2015 02:46:05	10.77	48.20	31.29	8.50	8.00	6.6	3.391	93.5	2.7	1.1	0.6
1797	1/7/2015 03:01:05	10.78	48.26	31.33	8.53	8.00	5.5	3.314	93.9	3.0	1.2	0.7
1798	1/7/2015 03:16:05	10.74	48.22	31.30	8.56	8.00	5.6	3.219	94.1	3.0	1.2	0.7
1799	1/7/2015 03:31:05	10.73	48.04	31.17	8.56	8.00	5.7	3.141	94.1	2.5	1.0	0.6
1800	1/7/2015 03:46:05	10.76	48.11	31.22	8.52	7.99	5.2	3.057	93.7	2.6	1.0	0.6
1801	1/7/2015 04:01:05	10.74	48.04	31.17	8.51	7.99	4.7	2.969	93.5	2.5	1.0	0.6
1802	1/7/2015 04:16:06	10.67	47.77	30.97	8.55	7.99	5.0	2.900	93.7	2.8	1.1	0.7
1803	1/7/2015 04:31:06	10.63	47.67	30.90	8.54	7.98	4.8	2.810	93.5	2.6	1.0	0.6
1804	1/7/2015 04:46:05	10.51	47.32	30.64	8.63	7.98	4.6	2.754	94.0	2.5	1.0	0.6
1805	1/7/2015 05:01:05	10.55	47.61	30.85	8.63	7.98	5.0	2.681	94.3	3.0	1.2	0.7

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
1806	1/7/2015 05:16:05	10.47	47.43	30.72	8.68	7.98	4.1	2.606	94.5	1.8	0.7	0.4
1807	1/7/2015 05:31:05	10.39	47.02	30.42	8.72	7.98	4.3	2.565	94.6	2.2	0.9	0.5
1808	1/7/2015 05:46:05	10.35	47.13	30.50	8.72	7.98	4.0	2.514	94.6	2.6	1.0	0.6
1809	1/7/2015 06:01:06	10.32	46.89	30.32	8.74	7.98	3.7	2.464	94.6	2.4	1.0	0.6
1810	1/7/2015 06:16:05	10.22	46.82	30.27	8.75	7.97	3.9	2.421	94.5	2.4	1.0	0.6
1811	1/7/2015 06:31:06	10.21	46.57	30.09	8.80	7.97	3.6	2.403	94.9	2.7	1.1	0.6
1812	1/7/2015 06:46:05	10.00	46.41	29.96	8.77	7.97	3.4	2.391	94.1	2.7	1.1	0.6
1813	1/7/2015 07:01:05	10.21	46.75	30.21	8.71	7.97	3.9	2.383	94.0	2.7	1.1	0.6
1814	1/7/2015 07:16:05	10.33	46.90	30.33	8.72	7.97	4.0	2.408	94.5	2.4	1.0	0.6
1815	1/7/2015 07:31:05	10.36	46.95	30.37	8.71	7.97	4.7	2.433	94.5	2.4	1.0	0.6
1816	1/7/2015 07:46:05	10.30	47.00	30.40	8.65	7.97	4.5	2.484	93.7	2.4	1.0	0.6
1817	1/7/2015 08:01:06	10.32	47.04	30.43	8.69	7.97	4.4	2.539	94.2	2.5	1.0	0.6
1818	1/7/2015 08:16:06	10.21	46.77	30.23	8.73	7.97	4.3	2.601	94.3	2.2	0.9	0.5
1819	1/7/2015 08:31:05	10.40	47.15	30.51	8.68	7.98	4.9	2.679	94.2	2.7	1.1	0.6
1820	1/7/2015 08:46:05	10.49	47.37	30.67	8.63	7.98	5.0	2.749	94.0	2.4	1.0	0.6
1821	1/7/2015 09:01:06	10.55	47.65	30.88	8.59	7.99	4.9	2.825	93.8	2.7	1.1	0.6
1822	1/7/2015 09:16:06	10.64	47.88	31.05	8.56	7.99	5.4	2.902	93.8	2.4	1.0	0.6
1823	1/7/2015 09:31:06	10.74	48.13	31.24	8.54	8.00	5.3	2.971	93.9	2.3	0.9	0.5
1824	1/7/2015 09:46:06	10.81	48.30	31.36	8.51	8.00	5.9	3.056	93.8	3.0	1.2	0.7
1825	1/7/2015 10:01:06	10.84	48.38	31.43	8.51	8.00	5.3	3.131	93.8	3.0	1.2	0.7
1826	1/7/2015 10:16:05	10.87	48.57	31.56	8.48	8.00	5.7	3.208	93.6	2.8	1.1	0.7
1827	1/7/2015 10:31:05	10.91	48.87	31.78	8.41	8.01	6.4	3.300	93.1	2.4	1.0	0.6
1828	1/7/2015 10:46:06	10.94	49.06	31.92	8.37	8.01	6.7	3.371	92.8	2.6	1.0	0.6
1829	1/7/2015 11:01:05	10.95	49.28	32.08	8.34	8.01	6.4	3.454	92.5	2.4	1.0	0.6
1830	1/7/2015 11:16:05	10.97	49.40	32.17	8.32	8.01	5.4	3.533	92.4	2.6	1.0	0.6
1831	1/7/2015 11:31:05	11.01	49.57	32.29	8.30	8.02	5.2	3.598	92.4	2.9	1.2	0.7
1832	1/7/2015 11:46:06	11.02	49.73	32.41	8.27	8.02	4.9	3.655	92.1	2.9	1.2	0.7
1833	1/7/2015 12:01:06	11.03	49.79	32.45	8.26	8.02	4.5	3.710	92.1	2.3	0.9	0.5
1834	1/7/2015 12:16:06	11.08	49.87	32.51	8.26	8.02	3.8	3.752	92.1	2.5	1.0	0.6
1835	1/7/2015 12:31:06	11.05	49.93	32.56	8.22	8.02	3.7	3.771	91.7	2.4	1.0	0.6
1836	1/7/2015 12:46:05	11.05	49.72	32.40	8.30	8.02	3.7	3.783	92.5	3.0	1.2	0.7
1837	1/7/2015 13:01:05	11.05	49.77	32.44	8.18	8.01	4.7	3.775	91.2	2.4	1.0	0.6
1838	1/7/2015 13:16:06	11.07	49.92	32.55	8.16	8.02	4.0	3.741	91.1	2.7	1.1	0.6
1839	1/7/2015 13:31:06	11.23	49.22	32.05	8.57	8.03	5.0	3.683	95.7	2.7	1.1	0.6
1840	1/7/2015 13:46:06	11.36	48.96	31.87	8.80	8.04	4.6	3.612	98.4	2.7	1.1	0.6
1841	1/7/2015 14:01:06	11.30	48.95	31.86	8.75	8.03	4.1	3.515	97.8	2.5	1.0	0.6
1842	1/7/2015 14:16:05	11.25	48.50	31.53	8.77	8.03	4.1	3.427	97.7	2.5	1.0	0.6
1843	1/7/2015 14:31:05	11.29	48.15	31.28	8.90	8.02	4.8	3.320	99.0	2.7	1.1	0.6
1844	1/7/2015 14:46:06	11.36	48.08	31.23	8.93	8.03	4.2	3.220	99.4	2.8	1.1	0.7
1845	1/7/2015 15:01:06	11.32	48.14	31.28	8.96	8.03	3.5	3.111	99.8	2.4	1.0	0.6
1846	1/7/2015 15:16:06	11.25	48.21	31.32	9.02	8.04	3.6	2.992	100.3	2.8	1.1	0.7
1847	1/7/2015 15:31:05	11.20	48.19	31.30	9.04	8.04	3.8	2.886	100.4	3.3	1.3	0.8

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
1848	1/7/2015 15:46:06	11.16	48.00	31.17	9.09	8.04	3.7	2.777	100.8	2.6	1.0	0.6
1849	1/7/2015 16:01:05	11.17	47.95	31.13	9.08	8.03	4.2	2.664	100.7	3.1	1.2	0.7
1850	1/7/2015 16:16:05	11.17	47.73	30.97	9.06	8.03	5.1	2.538	100.3	2.5	1.0	0.6
1851	1/7/2015 16:31:05	11.04	47.53	30.82	9.09	8.02	6.2	2.436	100.3	2.4	1.0	0.6
1852	1/7/2015 16:46:05	11.01	47.41	30.73	9.13	8.03	5.3	2.303	100.6	2.9	1.2	0.7
1853	1/7/2015 17:01:05	10.92	47.24	30.61	9.19	8.02	5.8	2.177	100.9	3.0	1.2	0.7
1854	1/7/2015 17:16:05	10.97	47.41	30.73	9.20	8.03	5.3	2.035	101.3	2.6	1.0	0.6
1855	1/7/2015 17:31:05	10.87	47.01	30.43	9.25	8.03	6.2	1.921	101.4	3.2	1.3	0.8
1856	1/7/2015 17:46:05	10.81	46.80	30.28	9.32	8.03	7.6	1.797	102.0	3.0	1.2	0.7
1857	1/7/2015 18:01:05	10.75	46.58	30.12	9.40	8.02	8.4	1.676	102.6	2.7	1.1	0.6
1858	1/7/2015 18:16:06	10.70	46.29	29.91	9.47	8.02	7.5	1.581	103.2	3.0	1.2	0.7
1859	1/7/2015 18:31:06	10.67	46.18	29.83	9.50	8.02	6.5	1.493	103.3	2.7	1.1	0.6
1860	1/7/2015 18:46:06	10.65	46.10	29.78	9.54	8.02	6.1	1.419	103.7	3.1	1.2	0.7
1861	1/7/2015 19:01:05	10.62	45.99	29.70	9.59	8.02	5.2	1.375	104.1	2.2	0.9	0.5
1862	1/7/2015 19:16:05	10.61	46.03	29.72	9.51	8.02	5.3	1.352	103.3	3.0	1.2	0.7
1863	1/7/2015 19:31:05	10.61	46.04	29.73	9.57	8.02	5.3	1.374	103.9	3.3	1.3	0.8
1864	1/7/2015 19:46:06	10.66	46.13	29.79	9.51	8.02	5.2	1.425	103.4	2.9	1.2	0.7
1865	1/7/2015 20:01:05	10.66	46.15	29.81	9.49	8.01	5.3	1.462	103.2	3.1	1.2	0.7
1866	1/7/2015 20:16:05	10.64	46.17	29.83	9.46	8.01	4.7	1.551	102.8	3.5	1.4	0.8
1867	1/7/2015 20:31:06	10.55	45.81	29.56	9.39	8.00	6.5	1.649	101.7	2.9	1.2	0.7
1868	1/7/2015 20:46:05	10.58	45.86	29.60	9.38	8.00	6.1	1.724	101.7	3.1	1.2	0.7
1869	1/7/2015 21:01:05	10.56	45.66	29.46	9.33	7.99	5.8	1.812	101.1	2.6	1.0	0.6
1870	1/7/2015 21:16:05	10.61	45.86	29.60	9.31	7.99	5.5	1.904	101.0	3.2	1.3	0.8
1871	1/7/2015 21:31:05	10.69	46.18	29.84	9.30	8.00	5.7	1.997	101.2	2.8	1.1	0.7
1872	1/7/2015 21:46:06	10.74	46.43	30.02	9.24	8.01	5.5	2.081	100.8	2.7	1.1	0.6
1873	1/7/2015 22:01:05	10.82	46.87	30.34	9.08	8.00	5.0	2.166	99.4	3.0	1.2	0.7
1874	1/7/2015 22:16:05	10.84	47.05	30.47	8.98	8.00	5.3	2.262	98.5	3.0	1.2	0.7
1875	1/7/2015 22:31:05	10.87	47.22	30.59	8.90	8.00	5.2	2.355	97.7	3.4	1.4	0.8
1876	1/7/2015 22:46:05	10.89	47.30	30.65	8.87	8.00	5.4	2.454	97.5	2.7	1.1	0.6
1877	1/7/2015 23:01:05	10.92	47.41	30.73	8.85	8.00	5.7	2.545	97.3	3.7	1.5	0.9
1878	1/7/2015 23:16:05	10.95	47.56	30.84	8.81	8.00	6.4	2.636	97.1	2.7	1.1	0.6
1879	1/7/2015 23:31:05	10.97	47.67	30.92	8.78	8.00	6.5	2.729	96.7	2.9	1.2	0.7
1880	1/7/2015 23:46:06	10.99	47.78	31.00	8.74	8.00	7.1	2.821	96.4	3.1	1.2	0.7
1881	1/8/2015 00:01:05	11.02	47.95	31.12	8.70	8.00	8.6	2.912	96.1	2.9	1.2	0.7
1882	1/8/2015 00:16:05	11.02	48.11	31.24	8.66	8.00	8.2	2.995	95.8	2.9	1.2	0.7
1883	1/8/2015 00:31:05	11.07	48.46	31.49	8.59	8.01	8.1	3.088	95.2	2.9	1.2	0.7
1884	1/8/2015 00:46:05	11.09	48.92	31.82	8.51	8.01	8.4	3.173	94.6	2.9	1.2	0.7
1885	1/8/2015 01:01:05	11.10	49.12	31.97	8.48	8.01	7.0	3.245	94.4	2.5	1.0	0.6
1886	1/8/2015 01:16:05	11.11	49.20	32.03	8.46	8.02	7.2	3.328	94.2	3.0	1.2	0.7
1887	1/8/2015 01:31:05	11.11	49.28	32.09	8.45	8.02	7.9	3.394	94.1	3.7	1.5	0.9
1888	1/8/2015 01:46:05	11.11	49.35	32.14	8.42	8.02	6.0	3.443	93.8	3.3	1.3	0.8
1889	1/8/2015 02:01:06	11.11	49.43	32.19	8.37	8.02	5.1	3.475	93.3	2.4	1.0	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
1890	1/8/2015 02:16:05	11.11	49.50	32.25	8.29	8.02	4.2	3.499	92.5	3.1	1.2	0.7
1891	1/8/2015 02:31:05	11.09	49.37	32.15	8.30	8.01	4.7	3.499	92.4	3.6	1.4	0.9
1892	1/8/2015 02:46:05	11.10	49.43	32.20	8.29	8.01	6.1	3.480	92.4	2.8	1.1	0.7
1893	1/8/2015 03:01:06	10.89	48.58	31.57	8.43	8.01	5.1	3.441	93.2	2.5	1.0	0.6
1894	1/8/2015 03:16:05	10.78	48.29	31.36	8.51	8.00	5.2	3.378	93.7	2.8	1.1	0.7
1895	1/8/2015 03:31:05	10.80	48.39	31.43	8.54	8.00	5.3	3.298	94.1	2.5	1.0	0.6
1896	1/8/2015 03:46:05	10.84	48.59	31.58	8.52	8.00	4.2	3.217	94.1	2.5	1.0	0.6
1897	1/8/2015 04:01:05	10.79	48.39	31.43	8.55	8.00	4.2	3.136	94.2	2.3	0.9	0.6
1898	1/8/2015 04:16:05	10.80	48.18	31.28	8.56	7.99	4.3	3.049	94.3	2.6	1.0	0.6
1899	1/8/2015 04:31:05	10.76	47.97	31.12	8.57	7.99	4.2	2.977	94.2	2.2	0.9	0.5
1900	1/8/2015 04:46:05	10.72	47.89	31.06	8.56	7.99	3.8	2.893	94.0	2.2	0.9	0.5
1901	1/8/2015 05:01:06	10.71	47.79	30.99	8.57	7.99	3.8	2.826	94.0	1.8	0.7	0.4
1902	1/8/2015 05:16:05	10.65	47.69	30.92	8.61	7.98	3.8	2.762	94.3	2.4	1.0	0.6
1903	1/8/2015 05:31:05	10.56	47.48	30.76	8.64	7.98	3.7	2.689	94.4	2.6	1.0	0.6
1904	1/8/2015 05:46:05	10.52	47.37	30.67	8.67	7.99	3.9	2.626	94.6	2.5	1.0	0.6
1905	1/8/2015 06:01:05	10.46	47.32	30.64	8.71	7.98	3.5	2.581	94.8	2.4	1.0	0.6
1906	1/8/2015 06:16:05	10.33	46.81	30.27	8.80	7.98	3.6	2.532	95.3	2.7	1.1	0.6
1907	1/8/2015 06:31:05	10.37	47.08	30.46	8.73	7.98	3.4	2.480	94.8	2.4	1.0	0.6
1908	1/8/2015 06:46:05	10.33	47.17	30.52	8.70	7.98	3.3	2.442	94.4	2.7	1.1	0.6
1909	1/8/2015 07:01:05	10.30	47.05	30.43	8.73	7.98	3.4	2.415	94.6	2.4	1.0	0.6
1910	1/8/2015 07:16:05	10.37	46.89	30.33	8.77	7.98	3.1	2.406	95.1	2.5	1.0	0.6
1911	1/8/2015 07:31:05	10.39	46.80	30.26	8.77	7.98	3.2	2.388	95.1	2.5	1.0	0.6
1912	1/8/2015 07:46:06	10.40	47.06	30.44	8.70	7.98	3.5	2.395	94.4	2.8	1.1	0.7
1913	1/8/2015 08:01:06	10.54	47.20	30.56	8.69	7.98	3.7	2.418	94.7	1.7	0.7	0.4
1914	1/8/2015 08:16:06	10.22	46.88	30.31	8.80	7.97	3.6	2.447	95.1	2.4	1.0	0.6
1915	1/8/2015 08:31:06	10.35	47.11	30.48	8.70	7.97	3.7	2.481	94.4	2.2	0.9	0.5
1916	1/8/2015 08:46:05	10.31	47.01	30.41	8.75	7.98	3.8	2.547	94.8	2.1	0.8	0.5
1917	1/8/2015 09:01:05	10.23	46.80	30.25	8.79	7.97	4.1	2.608	95.0	2.9	1.2	0.7
1918	1/8/2015 09:16:06	10.48	47.25	30.59	8.70	7.98	5.0	2.673	94.7	2.2	0.9	0.5
1919	1/8/2015 09:31:05	10.59	47.56	30.82	8.65	7.99	4.3	2.749	94.5	1.9	0.8	0.4
1920	1/8/2015 09:46:05	10.63	47.84	31.02	8.60	7.99	4.8	2.818	94.1	2.3	0.9	0.6
1921	1/8/2015 10:01:05	10.71	48.06	31.18	8.58	7.99	4.5	2.892	94.2	2.4	1.0	0.6
1922	1/8/2015 10:16:06	10.83	48.33	31.39	8.55	8.00	4.7	2.975	94.2	2.6	1.0	0.6
1923	1/8/2015 10:31:05	10.86	48.42	31.46	8.52	8.00	4.6	3.042	94.0	2.3	0.9	0.6
1924	1/8/2015 10:46:05	10.90	48.55	31.55	8.51	8.00	4.6	3.117	94.0	2.0	0.8	0.5
1925	1/8/2015 11:01:05	10.92	48.68	31.64	8.49	8.00	4.9	3.195	93.9	2.5	1.0	0.6
1926	1/8/2015 11:16:05	10.95	48.93	31.82	8.41	8.01	5.4	3.269	93.3	3.1	1.2	0.7
1927	1/8/2015 11:31:06	10.99	49.12	31.96	8.38	8.01	5.6	3.347	93.1	2.7	1.1	0.6
1928	1/8/2015 11:46:05	11.01	49.31	32.11	8.34	8.01	5.8	3.417	92.8	2.4	1.0	0.6
1929	1/8/2015 12:01:05	11.02	49.39	32.17	8.33	8.02	5.1	3.486	92.6	2.6	1.0	0.6
1930	1/8/2015 12:16:05	11.04	49.48	32.23	8.33	8.02	4.5	3.547	92.7	3.3	1.3	0.8
1931	1/8/2015 12:31:05	11.06	49.62	32.33	8.29	8.02	4.3	3.593	92.4	2.7	1.1	0.6

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%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.40)	Fluorescence %FS
1932	1/8/2015 12:46:05	11.07	49.68	32.38	8.27	8.02	4.0	3.618	92.2	2.5	1.0	0.6
1933	1/8/2015 13:01:06	11.07	49.70	32.39	8.25	8.02	3.7	3.659	92.0	2.6	1.0	0.6
1934	1/8/2015 13:16:05	11.04	49.61	32.33	8.29	8.02	3.4	3.668	92.4	2.7	1.1	0.6
	Mean	11.53	43.52	27.98	8.70	7.96	15.88	2.75	95.23	2.81	1.12	0.67
	Minimum	8.47	33.56	21.05	7.75	7.71	3.10	0.99	84.90	0.90	0.36	0.20
	Maximum	14.57	50.08	32.64	9.73	8.10	204.40	4.27	107.50	8.80	3.52	2.10

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

Chlorophyll/Fluorescence displayed as *in vivo* (non-extractive) readings from YSI 6025 chlorophyll probe

Chlorophyll corrected with ratio derived from extractive analysis; Sample collected at 9:00; value = 0.28

Flagged data due to suspect values (i.e., equipment malfunction, interference, etc.)

Data listed as outlier and discarded due to field issues (i.e., equipment malfunction, interference, etc.)