

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.7)	Fluorescence %FS
0	1/8/2015 13:46:11	11.12	48.26	31.35	7.91	7.99	3.4	3.644	87.7	1.5	1.1	0.4
1	1/8/2015 14:01:11	11.19	47.30	30.66	8.59	8.01	3.7	3.600	94.9	2.1	1.5	0.5
2	1/8/2015 14:16:11	11.18	47.19	30.58	8.60	8.01	4.0	3.538	95.0	2.5	1.8	0.6
3	1/8/2015 14:31:11	11.15	47.58	30.86	8.43	8.00	4.4	3.459	93.2	2.2	1.5	0.5
4	1/8/2015 14:46:11	11.09	46.96	30.42	8.51	8.00	3.5	3.374	93.8	2.0	1.4	0.5
5	1/8/2015 15:01:11	11.08	47.10	30.51	8.51	8.00	3.3	3.280	93.8	2.3	1.6	0.5
6	1/8/2015 15:16:11	11.09	47.01	30.45	8.49	8.00	3.6	3.189	93.6	2.9	2.0	0.7
7	1/8/2015 15:31:11	11.08	46.97	30.42	8.53	8.01	3.1	3.095	94.0	2.1	1.5	0.5
8	1/8/2015 15:46:11	11.06	47.07	30.49	8.55	8.00	3.2	2.999	94.2	2.1	1.5	0.5
9	1/8/2015 16:01:11	11.04	46.97	30.42	8.54	8.00	3.1	2.914	94.0	2.6	1.8	0.6
10	1/8/2015 16:16:11	11.00	46.69	30.22	8.55	8.00	3.7	2.786	93.9	2.4	1.7	0.6
11	1/8/2015 16:31:12	10.98	46.48	30.07	8.56	8.00	3.4	2.705	93.9	2.5	1.8	0.6
12	1/8/2015 16:46:11	10.98	46.79	30.29	8.52	8.00	3.9	2.588	93.5	2.5	1.8	0.6
13	1/8/2015 17:01:11	10.98	46.50	30.08	8.48	7.99	3.9	2.475	93.0	3.1	2.2	0.7
14	1/8/2015 17:16:11	10.93	46.58	30.13	8.51	7.99	4.0	2.367	93.3	2.4	1.7	0.6
15	1/8/2015 17:31:11	10.89	46.53	30.10	8.51	7.99	4.1	2.253	93.2	3.0	2.1	0.7
16	1/8/2015 17:46:11	10.89	46.36	29.98	8.51	7.99	5.5	2.133	93.1	3.1	2.2	0.7
17	1/8/2015 18:01:11	10.85	46.22	29.87	8.56	7.99	5.4	2.013	93.5	2.7	1.9	0.6
18	1/8/2015 18:16:11	10.81	45.98	29.70	8.62	7.99	5.7	1.897	94.0	2.8	2.0	0.7
19	1/8/2015 18:31:12	10.79	45.93	29.66	8.62	7.99	5.6	1.792	93.9	2.7	1.9	0.6
20	1/8/2015 18:46:12	10.75	45.98	29.69	8.66	7.99	5.3	1.687	94.3	2.7	1.9	0.6
21	1/8/2015 19:01:11	10.71	45.42	29.29	8.73	7.99	5.7	1.613	94.7	3.3	2.3	0.8
22	1/8/2015 19:16:11	10.68	45.41	29.28	8.78	7.98	5.1	1.562	95.2	2.8	2.0	0.7
23	1/8/2015 19:31:11	10.66	45.56	29.39	8.78	7.99	5.0	1.497	95.3	2.7	1.9	0.6
24	1/8/2015 19:46:11	10.64	45.40	29.27	8.75	7.98	4.5	1.493	94.8	3.0	2.1	0.7
25	1/8/2015 20:01:11	10.66	45.44	29.31	8.76	7.98	4.5	1.503	95.0	2.8	2.0	0.7
26	1/8/2015 20:16:11	10.68	45.61	29.42	8.77	7.98	4.0	1.530	95.1	3.2	2.2	0.7
27	1/8/2015 20:31:11	10.69	45.75	29.52	8.76	7.98	3.7	1.566	95.1	2.6	1.8	0.6
28	1/8/2015 20:46:11	10.66	45.51	29.35	8.76	7.98	3.7	1.642	95.0	2.3	1.6	0.5
29	1/8/2015 21:01:12	10.60	45.41	29.28	8.71	7.98	4.5	1.713	94.2	2.5	1.8	0.6
30	1/8/2015 21:16:11	10.61	45.62	29.43	8.70	7.97	4.3	1.808	94.3	2.1	1.5	0.5
31	1/8/2015 21:31:11	10.55	45.27	29.17	8.69	7.97	4.5	1.882	93.9	2.3	1.6	0.5
32	1/8/2015 21:46:11	10.56	45.36	29.24	8.67	7.97	4.4	1.961	93.7	2.5	1.8	0.6
33	1/8/2015 22:01:11	10.64	45.77	29.54	8.65	7.97	4.4	2.060	93.9	2.8	2.0	0.7
34	1/8/2015 22:16:12	10.69	45.83	29.59	8.60	7.98	4.6	2.147	93.5	3.2	2.2	0.7
35	1/8/2015 22:31:12	10.75	46.19	29.85	8.51	7.98	4.0	2.216	92.8	2.5	1.8	0.6
36	1/8/2015 22:46:12	10.81	46.51	30.08	8.42	7.98	4.2	2.308	92.0	2.2	1.5	0.5
37	1/8/2015 23:01:12	10.84	46.60	30.14	8.37	7.97	4.4	2.402	91.6	3.0	2.1	0.7
38	1/8/2015 23:16:12	10.89	46.57	30.12	8.33	7.97	4.4	2.482	91.2	2.6	1.8	0.6
39	1/8/2015 23:31:11	10.91	46.86	30.33	8.33	7.98	4.7	2.574	91.4	2.8	2.0	0.7
40	1/8/2015 23:46:11	10.92	47.04	30.46	8.33	7.98	5.1	2.662	91.5	2.6	1.8	0.6
41	1/9/2015 00:01:12	10.94	47.28	30.63	8.27	7.98	5.3	2.753	91.0	3.1	2.2	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 = 0.7)	Fluorescence %FS
42	1/9/2015 00:16:12	10.96	47.35	30.69	8.24	7.98	5.7	2.837	90.7	2.6	1.8	0.6
43	1/9/2015 00:31:12	10.97	47.46	30.77	8.21	7.98	6.7	2.924	90.4	2.5	1.8	0.6
44	1/9/2015 00:46:12	11.00	47.66	30.91	8.17	7.98	7.2	3.024	90.2	2.5	1.8	0.6
45	1/9/2015 01:01:11	11.02	47.89	31.08	8.16	7.98	7.0	3.109	90.1	2.9	2.0	0.7
46	1/9/2015 01:16:11	11.07	48.19	31.29	8.09	7.99	6.7	3.198	89.6	2.3	1.6	0.5
47	1/9/2015 01:31:12	11.10	48.49	31.52	8.03	7.99	7.5	3.282	89.1	3.0	2.1	0.7
48	1/9/2015 01:46:12	11.12	48.59	31.59	7.99	8.00	6.5	3.373	88.8	2.8	2.0	0.7
49	1/9/2015 02:01:11	11.13	48.81	31.75	7.99	8.00	6.4	3.420	88.9	2.8	2.0	0.7
50	1/9/2015 02:16:11	11.12	48.56	31.57	7.99	8.00	5.7	3.479	88.8	2.8	2.0	0.6
51	1/9/2015 02:31:11	11.12	48.78	31.73	7.97	8.00	4.6	3.521	88.6	2.5	1.8	0.6
52	1/9/2015 02:46:12	11.12	48.75	31.70	7.90	8.00	3.3	3.539	87.8	2.7	1.9	0.6
53	1/9/2015 03:01:12	11.11	48.83	31.76	7.90	7.99	4.8	3.540	87.9	2.2	1.5	0.5
54	1/9/2015 03:16:12	11.11	48.75	31.70	7.91	7.99	4.7	3.512	87.9	2.6	1.8	0.6
55	1/9/2015 03:31:12	11.07	48.47	31.50	7.95	7.99	5.1	3.480	88.1	2.5	1.8	0.6
56	1/9/2015 03:46:12	10.92	47.93	31.10	8.02	7.98	4.5	3.413	88.5	2.8	2.0	0.7
57	1/9/2015 04:01:12	10.86	48.02	31.17	8.06	7.98	5.0	3.329	88.8	2.4	1.7	0.6
58	1/9/2015 04:16:11	10.96	48.40	31.44	8.04	7.99	4.3	3.275	88.9	2.3	1.6	0.5
59	1/9/2015 04:31:12	10.86	47.97	31.13	8.08	7.98	4.0	3.199	89.0	2.2	1.5	0.5
60	1/9/2015 04:46:12	10.82	47.52	30.80	8.08	7.97	4.4	3.125	88.7	2.2	1.5	0.5
61	1/9/2015 05:01:11	10.82	47.60	30.86	8.09	7.97	3.9	3.047	88.8	2.0	1.4	0.5
62	1/9/2015 05:16:12	10.79	47.63	30.88	8.07	7.97	3.6	2.966	88.6	2.1	1.5	0.5
63	1/9/2015 05:31:12	10.79	47.53	30.81	8.03	7.97	3.6	2.912	88.1	2.4	1.7	0.6
64	1/9/2015 05:46:12	10.79	47.74	30.96	8.03	7.97	3.4	2.846	88.2	2.7	1.9	0.6
65	1/9/2015 06:01:12	10.78	47.70	30.93	8.04	7.97	3.2	2.769	88.2	2.6	1.8	0.6
66	1/9/2015 06:16:12	10.68	47.25	30.60	8.12	7.96	3.2	2.697	88.8	1.9	1.3	0.4
67	1/9/2015 06:31:12	10.70	47.39	30.70	8.08	7.96	3.2	2.648	88.4	2.1	1.5	0.5
68	1/9/2015 06:46:11	10.59	46.73	30.22	8.20	7.96	3.0	2.587	89.2	2.1	1.5	0.5
69	1/9/2015 07:01:11	10.54	46.62	30.14	8.21	7.96	2.9	2.544	89.2	1.7	1.2	0.4
70	1/9/2015 07:16:11	10.55	46.98	30.40	8.17	7.96	3.7	2.490	88.9	2.2	1.5	0.5
71	1/9/2015 07:31:12	10.49	46.52	30.07	8.20	7.96	2.8	2.466	89.0	2.5	1.8	0.6
72	1/9/2015 07:46:12	10.44	46.70	30.19	8.18	7.95	2.8	2.439	88.7	2.2	1.5	0.5
73	1/9/2015 08:01:12	10.33	46.29	29.89	8.16	7.95	2.8	2.424	88.1	2.0	1.4	0.5
74	1/9/2015 08:16:12	10.45	46.70	30.19	8.10	7.95	2.5	2.418	87.9	1.9	1.3	0.4
75	1/9/2015 08:31:12	10.56	46.88	30.33	8.12	7.96	2.9	2.427	88.4	2.1	1.5	0.5
76	1/9/2015 08:46:11	10.54	46.65	30.16	8.14	7.95	3.2	2.440	88.5	2.0	1.4	0.5
77	1/9/2015 09:01:12	10.63	46.96	30.39	8.13	7.96	3.1	2.483	88.7	2.5	1.8	0.6
78	1/9/2015 09:16:12	10.57	46.79	30.27	8.14	7.96	3.6	2.531	88.6	2.0	1.4	0.5
79	1/9/2015 09:31:12	10.47	46.81	30.27	8.18	7.96	3.6	2.588	88.8	2.0	1.4	0.5
80	1/9/2015 09:46:11	10.44	46.53	30.07	8.19	7.95	3.6	2.642	88.8	2.3	1.6	0.5
81	1/9/2015 10:01:12	10.51	46.99	30.41	8.15	7.96	3.3	2.709	88.6	1.9	1.3	0.4
82	1/9/2015 10:16:12	10.63	47.38	30.69	8.10	7.96	3.6	2.780	88.5	1.9	1.3	0.5
83	1/9/2015 10:31:11	10.71	47.30	30.63	8.09	7.97	3.6	2.835	88.6	2.2	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 = 0.7)	Fluorescence %FS
84	1/9/2015 10:46:12	10.78	47.52	30.80	8.06	7.97	3.6	2.905	88.5	2.0	1.4	0.5
85	1/9/2015 11:01:12	10.81	47.85	31.04	8.07	7.98	3.6	2.974	88.7	1.8	1.3	0.4
86	1/9/2015 11:16:12	10.90	47.83	31.03	8.06	7.98	3.7	3.038	88.8	2.7	1.9	0.6
87	1/9/2015 11:31:11	10.94	47.81	31.02	8.08	7.98	3.8	3.092	89.1	2.2	1.5	0.5
88	1/9/2015 11:46:11	10.97	48.05	31.19	8.07	7.98	3.6	3.164	89.1	2.4	1.7	0.6
89	1/9/2015 12:01:11	11.00	48.05	31.19	8.07	7.99	3.7	3.231	89.2	2.2	1.5	0.5
90	1/9/2015 12:16:12	11.03	48.25	31.34	8.03	7.99	3.9	3.285	88.9	1.7	1.2	0.4
91	1/9/2015 12:31:12	11.06	48.54	31.55	8.02	7.99	3.9	3.347	88.9	1.5	1.1	0.3
92	1/9/2015 12:46:12	11.09	48.84	31.77	8.00	7.99	4.0	3.379	89.0	2.2	1.5	0.5
93	1/9/2015 13:01:11	11.12	48.88	31.80	8.03	8.00	3.6	3.435	89.3	2.4	1.7	0.6
94	1/9/2015 13:16:11	11.13	48.87	31.79	8.03	8.00	3.8	3.471	89.3	2.5	1.8	0.6
95	1/9/2015 13:31:12	11.14	49.05	31.92	7.99	8.00	3.5	3.490	88.9	2.4	1.7	0.6
96	1/9/2015 13:46:12	11.14	49.00	31.89	7.93	8.00	3.1	3.508	88.3	1.9	1.3	0.4
97	1/9/2015 14:01:12	11.14	49.03	31.91	7.96	8.00	3.2	3.513	88.7	2.3	1.6	0.5
98	1/9/2015 14:16:11	11.15	48.80	31.74	7.94	8.00	3.8	3.494	88.3	1.5	1.1	0.4
99	1/9/2015 14:31:12	11.16	48.70	31.67	8.19	8.01	3.5	3.464	91.1	2.3	1.6	0.5
100	1/9/2015 14:46:12	11.20	48.46	31.50	8.32	8.01	3.6	3.417	92.5	1.9	1.3	0.5
101	1/9/2015 15:01:12	11.27	48.24	31.34	8.55	8.03	4.0	3.368	95.2	2.5	1.8	0.6
102	1/9/2015 15:16:12	11.28	47.97	31.15	8.48	8.02	4.0	3.300	94.2	2.3	1.6	0.5
103	1/9/2015 15:31:12	11.23	48.08	31.23	8.45	8.01	3.2	3.208	93.8	1.6	1.1	0.4
104	1/9/2015 15:46:12	11.20	48.00	31.17	8.49	8.02	3.6	3.138	94.2	1.8	1.3	0.4
105	1/9/2015 16:01:12	11.11	47.87	31.07	8.35	8.00	3.5	3.055	92.5	2.3	1.6	0.5
106	1/9/2015 16:16:12	11.11	47.50	30.80	8.46	8.01	3.1	2.959	93.5	2.5	1.8	0.6
107	1/9/2015 16:31:12	11.09	47.67	30.93	8.44	8.01	3.1	2.882	93.3	2.3	1.6	0.5
108	1/9/2015 16:46:12	11.08	47.64	30.90	8.44	8.01	3.1	2.785	93.3	2.0	1.4	0.5
109	1/9/2015 17:01:11	11.05	47.63	30.89	8.52	8.01	3.2	2.706	94.1	2.3	1.6	0.5
110	1/9/2015 17:16:11	11.06	47.88	31.07	8.42	8.01	3.2	2.619	93.1	2.3	1.6	0.5
111	1/9/2015 17:31:12	11.00	47.53	30.82	8.46	8.01	4.1	2.504	93.3	2.8	2.0	0.7
112	1/9/2015 17:46:12	10.98	47.63	30.89	8.40	8.00	4.0	2.411	92.6	2.3	1.6	0.5
113	1/9/2015 18:01:12	10.96	47.62	30.88	8.40	8.00	4.0	2.314	92.6	2.6	1.8	0.6
114	1/9/2015 18:16:12	10.94	47.25	30.62	8.45	8.00	4.5	2.199	92.9	2.7	1.9	0.6
115	1/9/2015 18:31:12	10.90	47.26	30.62	8.47	8.00	4.7	2.114	93.1	2.4	1.7	0.6
116	1/9/2015 18:46:12	10.88	46.97	30.41	8.51	8.00	4.6	2.013	93.3	2.8	2.0	0.6
117	1/9/2015 19:01:12	10.86	47.08	30.49	8.55	8.00	4.3	1.921	93.8	2.7	1.9	0.6
118	1/9/2015 19:16:12	10.85	46.60	30.14	8.65	8.00	4.5	1.851	94.6	2.6	1.8	0.6
119	1/9/2015 19:31:12	10.84	46.63	30.16	8.70	8.00	4.2	1.782	95.2	2.5	1.8	0.6
120	1/9/2015 19:46:12	10.84	46.60	30.15	8.71	8.00	4.3	1.703	95.3	2.6	1.8	0.6
121	1/9/2015 20:01:12	10.83	46.36	29.97	8.75	8.00	3.8	1.686	95.5	2.8	2.0	0.7
122	1/9/2015 20:16:11	10.83	46.33	29.95	8.74	8.00	3.7	1.660	95.5	2.8	2.0	0.7
123	1/9/2015 20:31:11	10.83	46.52	30.08	8.76	8.00	3.4	1.680	95.7	2.4	1.7	0.6
124	1/9/2015 20:46:12	10.83	46.45	30.03	8.75	8.00	3.4	1.704	95.6	2.8	2.0	0.7
125	1/9/2015 21:01:12	10.84	46.37	29.98	8.73	8.00	3.6	1.735	95.4	2.5	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 = 0.7)	Fluorescence %FS
126	1/9/2015 21:16:12	10.83	46.55	30.10	8.72	8.00	3.2	1.789	95.3	2.5	1.8	0.6
127	1/9/2015 21:31:12	10.80	46.56	30.11	8.68	7.99	3.7	1.854	94.9	2.3	1.6	0.5
128	1/9/2015 21:46:12	10.82	46.49	30.07	8.67	7.99	3.7	1.926	94.7	2.2	1.5	0.5
129	1/9/2015 22:01:11	10.82	46.20	29.85	8.65	7.99	3.7	1.995	94.4	2.5	1.8	0.6
130	1/9/2015 22:16:11	10.81	46.20	29.86	8.63	7.98	4.0	2.086	94.1	2.4	1.7	0.6
131	1/9/2015 22:31:12	10.84	46.54	30.10	8.59	7.99	3.9	2.164	94.0	2.9	2.0	0.7
132	1/9/2015 22:46:12	10.86	46.62	30.16	8.58	7.99	4.0	2.216	93.9	2.6	1.8	0.6
133	1/9/2015 23:01:12	10.87	46.63	30.17	8.55	7.99	3.9	2.309	93.6	2.4	1.7	0.6
134	1/9/2015 23:16:11	10.94	47.06	30.48	8.42	7.99	4.0	2.389	92.5	2.8	2.0	0.6
135	1/9/2015 23:31:11	10.95	47.20	30.58	8.31	7.98	4.0	2.473	91.4	3.0	2.1	0.7
136	1/9/2015 23:46:12	10.97	47.50	30.80	8.25	7.98	3.9	2.550	90.9	2.8	2.0	0.7
137	1/10/2015 00:01:12	10.98	47.62	30.88	8.24	7.98	3.9	2.628	90.8	2.5	1.8	0.6
138	1/10/2015 00:16:12	11.00	47.46	30.77	8.25	7.98	4.2	2.715	90.9	2.6	1.8	0.6
139	1/10/2015 00:31:11	11.02	47.46	30.77	8.25	7.98	4.3	2.805	91.0	3.0	2.1	0.7
140	1/10/2015 00:46:12	11.04	47.81	31.02	8.19	7.98	5.1	2.880	90.5	2.3	1.6	0.5
141	1/10/2015 01:01:12	11.07	48.03	31.18	8.15	7.98	5.4	2.970	90.2	2.7	1.9	0.6
142	1/10/2015 01:16:11	11.09	47.93	31.11	8.16	7.99	6.2	3.046	90.3	2.6	1.8	0.6
143	1/10/2015 01:31:12	11.10	48.26	31.35	8.10	7.99	6.3	3.128	89.8	2.7	1.9	0.6
144	1/10/2015 01:46:11	11.11	48.35	31.41	8.11	7.99	5.8	3.216	89.9	2.8	2.0	0.7
145	1/10/2015 02:01:12	11.14	48.81	31.75	8.06	7.99	5.7	3.288	89.7	2.9	2.0	0.7
146	1/10/2015 02:16:12	11.16	48.94	31.84	8.05	8.00	5.7	3.350	89.6	3.4	2.4	0.8
147	1/10/2015 02:31:11	11.18	48.96	31.86	8.07	8.00	5.2	3.422	89.9	2.6	1.8	0.6
148	1/10/2015 02:46:11	11.19	49.24	32.06	8.05	8.00	4.8	3.456	89.8	2.6	1.8	0.6
149	1/10/2015 03:01:12	11.19	49.14	31.99	8.01	8.00	4.5	3.493	89.4	2.8	2.0	0.6
150	1/10/2015 03:16:12	11.19	49.30	32.11	7.99	8.00	4.2	3.523	89.2	2.5	1.8	0.6
151	1/10/2015 03:31:12	11.18	49.14	31.99	7.96	8.00	4.2	3.518	88.7	2.6	1.8	0.6
152	1/10/2015 03:46:11	11.18	49.04	31.92	7.96	8.00	4.5	3.495	88.8	2.2	1.5	0.5
153	1/10/2015 04:01:13	11.18	49.25	32.07	7.97	8.00	4.4	3.474	88.9	2.3	1.6	0.5
154	1/10/2015 04:16:12	11.10	48.52	31.54	7.96	7.98	4.3	3.430	88.3	2.2	1.5	0.5
155	1/10/2015 04:31:12	11.09	48.44	31.48	7.97	7.98	4.5	3.368	88.4	1.9	1.3	0.4
156	1/10/2015 04:46:12	11.10	48.66	31.64	8.03	7.99	3.7	3.310	89.1	2.5	1.8	0.6
157	1/10/2015 05:01:12	11.12	48.72	31.69	8.03	7.99	3.7	3.236	89.3	2.8	2.0	0.7
158	1/10/2015 05:16:12	11.09	48.47	31.50	8.03	7.98	3.6	3.159	89.1	2.4	1.7	0.6
159	1/10/2015 05:31:12	11.06	48.30	31.38	8.01	7.98	3.6	3.088	88.7	2.2	1.5	0.5
160	1/10/2015 05:46:12	11.04	48.02	31.17	7.98	7.97	3.3	3.013	88.3	2.0	1.4	0.5
161	1/10/2015 06:01:11	11.00	47.93	31.11	8.00	7.97	2.9	2.944	88.4	2.0	1.4	0.5
162	1/10/2015 06:16:12	10.99	47.47	30.77	8.03	7.97	2.9	2.874	88.5	2.6	1.8	0.6
163	1/10/2015 06:31:12	10.98	47.71	30.95	8.02	7.97	2.9	2.819	88.4	1.9	1.3	0.5
164	1/10/2015 06:46:12	10.98	47.79	31.00	7.97	7.96	2.9	2.756	88.0	2.4	1.7	0.6
165	1/10/2015 07:01:12	10.99	47.68	30.92	8.01	7.97	3.0	2.701	88.4	2.3	1.6	0.5
166	1/10/2015 07:16:12	10.93	47.40	30.72	8.08	7.97	2.8	2.642	88.9	1.9	1.3	0.5
167	1/10/2015 07:31:12	10.95	47.61	30.87	8.07	7.97	2.9	2.584	88.9	2.3	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 = 0.7)	Fluorescence %FS
168	1/10/2015 07:46:12	10.93	47.49	30.79	8.04	7.96	2.9	2.540	88.5	1.9	1.3	0.4
169	1/10/2015 08:01:12	10.90	47.45	30.76	8.09	7.96	2.8	2.499	89.0	1.5	1.1	0.4
170	1/10/2015 08:16:12	10.88	47.15	30.54	8.07	7.96	2.7	2.460	88.6	1.7	1.2	0.4
171	1/10/2015 08:31:11	10.83	47.08	30.49	8.16	7.96	2.5	2.436	89.4	1.9	1.3	0.5
172	1/10/2015 08:46:11	10.81	46.94	30.38	8.12	7.96	2.7	2.414	88.9	2.2	1.5	0.5
173	1/10/2015 09:01:13	10.82	47.02	30.44	8.04	7.96	2.4	2.416	88.1	1.7	1.2	0.4
174	1/10/2015 09:16:12	10.86	47.04	30.46	8.07	7.96	2.6	2.424	88.5	1.8	1.3	0.4
175	1/10/2015 09:31:12	10.89	47.33	30.67	8.08	7.96	2.6	2.440	88.8	1.9	1.3	0.4
176	1/10/2015 09:46:12	10.92	47.04	30.46	8.10	7.96	2.9	2.464	89.0	1.8	1.3	0.4
177	1/10/2015 10:01:12	10.90	47.24	30.60	8.05	7.96	3.2	2.504	88.4	1.9	1.3	0.4
178	1/10/2015 10:16:12	10.88	47.22	30.59	8.12	7.96	2.7	2.553	89.2	2.6	1.8	0.6
179	1/10/2015 10:31:12	10.88	46.98	30.42	8.11	7.96	3.0	2.603	89.0	2.5	1.8	0.6
180	1/10/2015 10:46:12	10.91	47.14	30.54	8.08	7.96	3.1	2.668	88.7	1.6	1.1	0.4
181	1/10/2015 11:01:12	10.93	47.51	30.80	8.06	7.96	2.9	2.719	88.7	2.4	1.7	0.6
182	1/10/2015 11:16:12	10.96	47.51	30.80	8.05	7.97	3.4	2.780	88.6	1.4	1.0	0.3
183	1/10/2015 11:31:12	11.00	47.84	31.05	8.01	7.97	3.3	2.832	88.4	2.3	1.6	0.5
184	1/10/2015 11:46:12	11.04	48.10	31.23	8.01	7.97	3.0	2.885	88.6	2.4	1.7	0.6
185	1/10/2015 12:01:12	11.07	48.26	31.35	8.01	7.98	3.2	2.952	88.8	2.2	1.5	0.5
186	1/10/2015 12:16:12	11.10	48.24	31.33	8.01	7.98	3.2	3.003	88.8	2.4	1.7	0.6
187	1/10/2015 12:31:12	11.12	48.27	31.36	8.00	7.98	3.1	3.059	88.7	1.9	1.3	0.5
188	1/10/2015 12:46:12	11.13	48.33	31.40	8.00	7.98	2.9	3.113	88.7	2.5	1.8	0.6
189	1/10/2015 13:01:12	11.14	48.32	31.39	8.01	7.98	3.1	3.167	88.9	2.2	1.5	0.5
190	1/10/2015 13:16:12	11.16	48.33	31.41	8.01	7.99	3.6	3.210	89.0	2.4	1.7	0.6
191	1/10/2015 13:31:12	11.19	48.67	31.65	8.00	7.99	2.9	3.254	89.1	2.5	1.8	0.6
192	1/10/2015 13:46:12	11.20	48.67	31.65	8.01	7.99	3.1	3.286	89.1	2.4	1.7	0.6
193	1/10/2015 14:01:12	11.21	48.85	31.79	8.00	8.00	3.1	3.308	89.1	1.8	1.3	0.4
194	1/10/2015 14:16:13	11.21	48.78	31.73	8.00	8.00	3.2	3.343	89.1	2.3	1.6	0.5
195	1/10/2015 14:31:11	11.22	48.73	31.69	7.98	8.00	2.7	3.345	88.8	2.3	1.6	0.5
196	1/10/2015 14:46:12	11.22	48.86	31.79	7.97	7.99	3.1	3.340	88.8	1.9	1.3	0.4
197	1/10/2015 15:01:13	11.22	48.70	31.68	7.96	7.99	3.4	3.333	88.7	2.4	1.7	0.6
198	1/10/2015 15:16:12	11.22	48.86	31.79	7.97	7.99	3.6	3.305	88.9	2.3	1.6	0.5
199	1/10/2015 15:31:12	11.22	48.68	31.66	8.01	7.99	3.2	3.253	89.2	1.8	1.3	0.4
200	1/10/2015 15:46:12	11.22	48.32	31.40	8.11	8.00	3.0	3.194	90.2	2.4	1.7	0.6
201	1/10/2015 16:01:12	11.32	48.40	31.47	8.32	8.01	3.2	3.142	92.7	2.5	1.8	0.6
202	1/10/2015 16:16:11	11.27	48.25	31.35	8.18	8.00	3.3	3.077	91.0	1.9	1.3	0.4
203	1/10/2015 16:31:11	11.26	48.01	31.18	8.28	8.00	3.0	3.004	92.0	2.4	1.7	0.6
204	1/10/2015 16:46:12	11.23	47.68	30.94	8.29	8.00	3.3	2.923	92.0	2.4	1.7	0.6
205	1/10/2015 17:01:12	11.22	47.90	31.09	8.26	8.00	3.2	2.848	91.6	2.3	1.6	0.5
206	1/10/2015 17:16:12	11.21	47.62	30.90	8.29	8.00	3.4	2.779	91.8	2.6	1.8	0.6
207	1/10/2015 17:31:12	11.20	47.84	31.05	8.24	8.00	4.3	2.698	91.4	2.7	1.9	0.6
208	1/10/2015 17:46:12	11.21	47.81	31.03	8.22	8.00	4.8	2.610	91.2	3.5	2.5	0.8
209	1/10/2015 18:01:12	11.21	47.83	31.05	8.17	7.99	6.2	2.532	90.6	2.9	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 = 0.7)	Fluorescence %FS
210	1/10/2015 18:16:13	11.19	47.97	31.14	8.14	7.99	7.5	2.449	90.3	2.9	2.0	0.7
211	1/10/2015 18:31:13	11.15	47.65	30.91	8.25	7.99	7.6	2.370	91.3	3.2	2.2	0.8
212	1/10/2015 18:46:12	11.15	47.56	30.85	8.30	7.99	8.3	2.280	91.8	3.5	2.5	0.8
213	1/10/2015 19:01:12	11.14	47.33	30.68	8.36	7.99	9.2	2.183	92.4	3.1	2.2	0.7
214	1/10/2015 19:16:12	11.14	47.26	30.63	8.39	7.99	10.3	2.110	92.7	3.6	2.5	0.8
215	1/10/2015 19:31:12	11.13	46.98	30.43	8.49	8.00	11.4	2.040	93.6	3.4	2.4	0.8
216	1/10/2015 19:46:12	11.13	47.05	30.48	8.46	8.00	10.4	1.970	93.4	3.3	2.3	0.8
217	1/10/2015 20:01:12	11.12	47.02	30.46	8.49	8.00	10.2	1.914	93.7	3.1	2.2	0.7
218	1/10/2015 20:16:12	11.12	46.86	30.35	8.52	8.00	10.3	1.858	93.9	2.8	2.0	0.7
219	1/10/2015 20:31:12	11.12	46.82	30.32	8.55	8.00	9.7	1.832	94.2	2.7	1.9	0.6
220	1/10/2015 20:46:11	11.12	46.80	30.30	8.56	8.00	9.3	1.821	94.3	3.5	2.5	0.8
221	1/10/2015 21:01:12	11.12	46.77	30.28	8.52	8.00	9.5	1.818	93.8	3.2	2.2	0.8
222	1/10/2015 21:16:12	11.12	46.81	30.31	8.53	8.00	9.0	1.844	93.9	3.1	2.2	0.7
223	1/10/2015 21:31:12	11.12	46.84	30.33	8.52	8.00	8.5	1.872	93.8	3.4	2.4	0.8
224	1/10/2015 21:46:12	11.12	46.85	30.33	8.54	8.00	7.9	1.937	94.1	3.4	2.4	0.8
225	1/10/2015 22:01:12	11.11	46.80	30.30	8.55	8.00	8.1	1.978	94.2	3.4	2.4	0.8
226	1/10/2015 22:16:11	11.11	46.79	30.29	8.52	7.99	7.5	2.040	93.8	2.9	2.0	0.7
227	1/10/2015 22:31:11	11.11	46.74	30.25	8.52	7.99	7.4	2.123	93.8	3.2	2.2	0.8
228	1/10/2015 22:46:11	11.11	46.70	30.23	8.50	7.99	6.9	2.194	93.6	3.0	2.1	0.7
229	1/10/2015 23:01:12	11.11	46.72	30.24	8.46	7.99	6.9	2.247	93.2	2.7	1.9	0.6
230	1/10/2015 23:16:12	11.12	46.76	30.27	8.44	7.99	6.5	2.312	92.9	3.0	2.1	0.7
231	1/10/2015 23:31:12	11.13	46.97	30.42	8.38	7.99	6.7	2.399	92.4	3.0	2.1	0.7
232	1/10/2015 23:46:12	11.15	47.29	30.66	8.32	7.98	5.7	2.469	91.9	2.7	1.9	0.6
233	1/11/2015 00:01:12	11.16	47.38	30.72	8.22	7.98	5.4	2.530	90.8	2.4	1.7	0.6
234	1/11/2015 00:16:12	11.17	47.49	30.80	8.16	7.98	4.8	2.605	90.3	2.7	1.9	0.6
235	1/11/2015 00:31:13	11.18	47.83	31.05	8.12	7.98	4.3	2.685	90.0	2.3	1.6	0.5
236	1/11/2015 00:46:12	11.18	47.79	31.01	8.14	7.98	4.3	2.758	90.2	2.3	1.6	0.5
237	1/11/2015 01:01:12	11.19	47.77	31.00	8.14	7.98	5.0	2.841	90.2	2.3	1.6	0.5
238	1/11/2015 01:16:12	11.20	47.74	30.98	8.12	7.98	4.8	2.917	90.0	2.5	1.8	0.6
239	1/11/2015 01:31:12	11.21	48.07	31.22	8.08	7.98	5.0	2.996	89.7	2.9	2.0	0.7
240	1/11/2015 01:46:12	11.22	48.02	31.18	8.06	7.98	5.6	3.082	89.5	2.2	1.5	0.5
241	1/11/2015 02:01:11	11.24	48.18	31.30	8.07	7.99	5.9	3.155	89.6	2.5	1.8	0.6
242	1/11/2015 02:16:11	11.24	48.54	31.56	8.05	7.99	6.1	3.237	89.7	2.4	1.7	0.6
243	1/11/2015 02:31:11	11.25	48.63	31.63	8.05	7.99	5.2	3.311	89.7	2.7	1.9	0.6
244	1/11/2015 02:46:11	11.29	48.93	31.85	8.04	8.00	4.5	3.370	89.7	2.6	1.8	0.6
245	1/11/2015 03:01:11	11.30	48.73	31.70	8.03	8.00	4.6	3.432	89.5	2.6	1.8	0.6
246	1/11/2015 03:16:11	11.32	49.06	31.94	8.01	8.00	4.0	3.476	89.6	2.0	1.4	0.5
247	1/11/2015 03:31:12	11.32	49.24	32.07	8.00	8.01	3.9	3.519	89.5	3.6	2.5	0.9
248	1/11/2015 03:46:12	11.33	49.06	31.94	8.00	8.01	4.1	3.531	89.5	2.7	1.9	0.6
249	1/11/2015 04:01:12	11.30	49.05	31.93	7.91	8.00	3.6	3.538	88.4	2.4	1.7	0.6
250	1/11/2015 04:16:12	11.32	49.26	32.09	7.94	8.00	4.3	3.531	88.9	2.1	1.5	0.5
251	1/11/2015 04:31:13	11.32	49.23	32.06	7.95	8.00	4.0	3.509	89.0	2.0	1.4	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 = 0.7)	Fluorescence %FS
252	1/11/2015 04:46:13	11.21	48.28	31.37	7.92	7.98	4.0	3.472	88.0	2.5	1.8	0.6
253	1/11/2015 05:01:12	11.15	47.95	31.13	7.94	7.97	4.5	3.420	88.0	2.5	1.8	0.6
254	1/11/2015 05:16:12	11.17	48.12	31.26	7.99	7.98	4.5	3.354	88.6	2.3	1.6	0.5
255	1/11/2015 05:31:13	11.19	48.59	31.60	7.99	7.99	3.7	3.290	88.9	2.8	2.0	0.7
256	1/11/2015 05:46:12	11.17	48.33	31.40	8.00	7.98	3.9	3.217	88.9	2.7	1.9	0.6
257	1/11/2015 06:01:13	11.15	48.10	31.24	7.96	7.98	3.9	3.146	88.3	2.4	1.7	0.6
258	1/11/2015 06:16:12	11.13	48.11	31.24	7.95	7.97	3.7	3.077	88.1	2.0	1.4	0.5
259	1/11/2015 06:31:12	11.12	47.77	31.00	7.92	7.97	3.8	3.000	87.7	2.3	1.6	0.5
260	1/11/2015 06:46:12	11.09	47.80	31.02	7.95	7.97	3.4	2.945	88.0	2.0	1.4	0.5
261	1/11/2015 07:01:12	11.09	47.74	30.98	7.98	7.97	3.1	2.878	88.2	2.1	1.5	0.5
262	1/11/2015 07:16:12	11.07	47.57	30.85	7.97	7.97	3.2	2.805	88.1	2.6	1.8	0.6
263	1/11/2015 07:31:12	11.07	47.68	30.93	7.95	7.96	3.2	2.751	87.8	1.9	1.3	0.5
264	1/11/2015 07:46:12	11.07	47.80	31.02	7.96	7.97	3.5	2.701	88.0	2.2	1.5	0.5
265	1/11/2015 08:01:12	11.05	47.79	31.01	7.98	7.97	3.6	2.628	88.2	2.4	1.7	0.6
266	1/11/2015 08:16:12	11.01	47.18	30.57	8.07	7.97	3.7	2.578	88.9	1.8	1.3	0.4
267	1/11/2015 08:31:12	11.02	47.50	30.80	8.06	7.97	3.3	2.540	88.9	2.4	1.7	0.6
268	1/11/2015 08:46:12	11.00	47.34	30.68	8.07	7.97	3.5	2.487	88.9	1.9	1.3	0.4
269	1/11/2015 09:01:12	10.98	47.27	30.63	8.08	7.97	3.5	2.453	89.0	2.2	1.5	0.5
270	1/11/2015 09:16:12	10.97	47.00	30.43	8.12	7.97	3.4	2.432	89.3	2.5	1.8	0.6
271	1/11/2015 09:31:12	10.96	47.09	30.50	8.07	7.96	3.9	2.405	88.7	2.0	1.4	0.5
272	1/11/2015 09:46:12	10.96	46.93	30.39	8.04	7.96	3.2	2.393	88.3	2.8	2.0	0.7
273	1/11/2015 10:01:13	10.98	47.17	30.56	8.05	7.97	3.4	2.395	88.6	2.3	1.6	0.5
274	1/11/2015 10:16:12	11.00	47.05	30.47	8.06	7.96	3.4	2.409	88.6	2.2	1.5	0.5
275	1/11/2015 10:31:12	11.03	47.28	30.64	8.04	7.97	3.5	2.438	88.6	2.1	1.5	0.5
276	1/11/2015 10:46:11	11.04	47.41	30.74	8.03	7.96	3.5	2.456	88.6	2.0	1.4	0.5
277	1/11/2015 11:01:13	11.07	47.45	30.77	8.04	7.97	3.3	2.500	88.7	1.9	1.3	0.4
278	1/11/2015 11:16:12	11.08	47.15	30.55	8.09	7.96	3.8	2.555	89.2	2.0	1.4	0.5
279	1/11/2015 11:31:12	11.08	46.90	30.37	8.06	7.96	3.4	2.595	88.8	1.8	1.3	0.4
280	1/11/2015 11:46:12	11.07	47.40	30.73	8.03	7.97	3.6	2.646	88.6	2.3	1.6	0.5
281	1/11/2015 12:01:12	11.07	47.44	30.76	8.04	7.97	3.7	2.694	88.7	2.3	1.6	0.5
282	1/11/2015 12:16:12	11.09	47.48	30.79	8.02	7.97	3.6	2.757	88.5	2.4	1.7	0.6
283	1/11/2015 12:31:12	11.12	47.74	30.98	7.99	7.97	3.6	2.802	88.4	1.8	1.3	0.4
284	1/11/2015 12:46:12	11.15	48.02	31.18	7.97	7.97	3.5	2.838	88.3	1.6	1.1	0.4
285	1/11/2015 13:01:12	11.17	48.14	31.27	7.96	7.98	3.2	2.887	88.3	2.1	1.5	0.5
286	1/11/2015 13:16:12	11.21	48.14	31.27	8.00	7.98	2.9	2.937	88.9	2.3	1.6	0.5
287	1/11/2015 13:31:12	11.23	48.14	31.27	7.98	7.98	3.1	2.975	88.7	2.0	1.4	0.5
288	1/11/2015 13:46:12	11.24	48.11	31.25	7.96	7.98	2.9	3.007	88.4	1.7	1.2	0.4
289	1/11/2015 14:01:12	11.25	48.37	31.44	7.95	7.98	2.9	3.054	88.4	2.1	1.5	0.5
290	1/11/2015 14:16:12	11.25	48.33	31.41	7.95	7.99	2.6	3.096	88.4	2.1	1.5	0.5
291	1/11/2015 14:31:12	11.26	48.55	31.57	7.92	7.99	2.8	3.116	88.2	2.1	1.5	0.5
292	1/11/2015 14:46:12	11.26	48.57	31.58	7.91	7.99	2.6	3.138	88.2	2.2	1.5	0.5
293	1/11/2015 15:01:12	11.27	48.39	31.45	7.90	7.99	2.6	3.166	88.0	2.0	1.4	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 = 0.7)	Fluorescence %FS
294	1/11/2015 15:16:12	11.28	48.54	31.56	7.85	7.99	2.5	3.176	87.4	2.3	1.6	0.5
295	1/11/2015 15:31:12	11.28	48.47	31.51	7.86	7.98	2.9	3.163	87.5	2.1	1.5	0.5
296	1/11/2015 15:46:11	11.28	48.39	31.45	7.89	7.98	2.9	3.163	87.8	2.0	1.4	0.5
297	1/11/2015 16:01:12	11.27	48.48	31.52	7.87	7.98	2.8	3.159	87.7	1.7	1.2	0.4
298	1/11/2015 16:16:12	11.28	48.47	31.51	7.88	7.98	3.7	3.109	87.7	2.5	1.8	0.6
299	1/11/2015 16:31:12	11.43	47.99	31.17	8.51	8.02	3.6	3.060	94.9	2.0	1.4	0.5
300	1/11/2015 16:46:13	11.51	47.87	31.09	8.82	8.04	3.5	3.023	98.5	2.7	1.9	0.6
301	1/11/2015 17:01:12	11.38	47.87	31.08	8.37	8.02	3.8	2.970	93.2	2.2	1.5	0.5
302	1/11/2015 17:16:12	11.33	48.08	31.23	8.17	8.00	3.0	2.909	90.9	1.9	1.3	0.5
303	1/11/2015 17:31:12	11.32	47.77	31.01	8.15	8.00	2.9	2.836	90.6	2.3	1.6	0.5
304	1/11/2015 17:46:12	11.35	47.61	30.89	8.24	8.00	3.2	2.778	91.5	2.7	1.9	0.6
305	1/11/2015 18:01:12	11.37	47.61	30.90	8.30	8.01	3.1	2.711	92.2	2.2	1.5	0.5
306	1/11/2015 18:16:13	11.34	47.69	30.95	8.30	8.00	3.7	2.643	92.2	2.3	1.6	0.5
307	1/11/2015 18:31:13	11.32	47.75	31.00	8.25	8.00	3.4	2.566	91.7	2.4	1.7	0.6
308	1/11/2015 18:46:12	11.29	47.45	30.78	8.23	8.00	3.6	2.508	91.3	2.9	2.0	0.7
309	1/11/2015 19:01:12	11.29	47.52	30.83	8.30	8.01	4.0	2.444	92.1	2.8	2.0	0.7
310	1/11/2015 19:16:12	11.29	47.39	30.74	8.41	8.01	3.7	2.366	93.3	2.8	2.0	0.7
311	1/11/2015 19:31:12	11.29	47.31	30.68	8.50	8.02	3.6	2.301	94.2	2.5	1.8	0.6
312	1/11/2015 19:46:11	11.29	47.04	30.48	8.54	8.02	3.6	2.228	94.6	2.7	1.9	0.6
313	1/11/2015 20:01:12	11.28	47.21	30.60	8.50	8.02	3.6	2.172	94.1	2.6	1.8	0.6
314	1/11/2015 20:16:12	11.29	47.04	30.48	8.61	8.02	3.6	2.126	95.3	2.5	1.8	0.6
315	1/11/2015 20:31:12	11.28	46.90	30.38	8.52	8.01	3.4	2.066	94.2	2.7	1.9	0.6
316	1/11/2015 20:46:12	11.28	46.92	30.39	8.58	8.02	3.3	2.038	95.0	2.8	2.0	0.7
317	1/11/2015 21:01:12	11.28	46.86	30.35	8.57	8.02	3.7	2.004	94.8	1.9	1.3	0.4
318	1/11/2015 21:16:12	11.28	46.99	30.44	8.55	8.02	3.1	1.992	94.6	2.1	1.5	0.5
319	1/11/2015 21:31:12	11.28	47.03	30.48	8.56	8.02	3.6	1.993	94.7	2.3	1.6	0.5
320	1/11/2015 21:46:12	11.27	47.15	30.56	8.44	8.00	3.1	2.016	93.4	2.2	1.5	0.5
321	1/11/2015 22:01:12	11.28	47.02	30.47	8.48	8.01	3.6	2.047	93.8	2.5	1.8	0.6
322	1/11/2015 22:16:12	11.28	46.88	30.37	8.45	8.00	3.6	2.072	93.5	2.6	1.8	0.6
323	1/11/2015 22:31:12	11.28	47.07	30.50	8.46	8.01	3.8	2.122	93.6	2.6	1.8	0.6
324	1/11/2015 22:46:12	11.28	46.95	30.42	8.47	8.00	3.6	2.172	93.7	2.7	1.9	0.6
325	1/11/2015 23:01:12	11.28	47.11	30.53	8.44	8.00	3.5	2.230	93.5	2.7	1.9	0.6
326	1/11/2015 23:16:12	11.29	46.83	30.33	8.43	8.00	3.9	2.288	93.3	2.5	1.8	0.6
327	1/11/2015 23:31:11	11.29	47.02	30.47	8.42	8.00	3.7	2.344	93.2	2.6	1.8	0.6
328	1/11/2015 23:46:12	11.29	47.15	30.56	8.38	8.00	3.5	2.414	92.8	2.3	1.6	0.5
329	1/12/2015 00:01:12	11.29	47.04	30.48	8.33	7.99	4.0	2.473	92.2	2.9	2.0	0.7
330	1/12/2015 00:16:12	11.30	47.39	30.74	8.26	7.99	3.6	2.540	91.6	2.2	1.5	0.5
331	1/12/2015 00:31:12	11.31	47.53	30.83	8.20	7.99	3.4	2.611	91.0	2.9	2.0	0.7
332	1/12/2015 00:46:12	11.29	47.70	30.95	8.09	7.98	3.6	2.674	89.9	2.5	1.8	0.6
333	1/12/2015 01:01:12	11.28	47.82	31.04	8.03	7.98	3.5	2.750	89.2	2.3	1.6	0.5
334	1/12/2015 01:16:12	11.29	47.99	31.16	8.04	7.98	3.3	2.820	89.4	2.9	2.0	0.7
335	1/12/2015 01:31:12	11.31	47.81	31.04	8.03	7.98	3.5	2.897	89.2	2.9	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 = 0.7)	Fluorescence %FS
336	1/12/2015 01:46:12	11.32	48.20	31.32	7.98	7.98	4.1	2.978	88.8	2.7	1.9	0.6
337	1/12/2015 02:01:12	11.33	48.23	31.34	7.97	7.99	4.3	3.033	88.8	2.4	1.7	0.6
338	1/12/2015 02:16:12	11.33	48.12	31.26	7.97	7.99	4.3	3.115	88.7	2.6	1.8	0.6
339	1/12/2015 02:31:12	11.34	48.40	31.47	7.96	7.99	4.3	3.190	88.8	2.3	1.6	0.5
340	1/12/2015 02:46:12	11.35	48.58	31.60	7.93	7.99	4.2	3.249	88.5	2.1	1.5	0.5
341	1/12/2015 03:01:12	11.36	48.76	31.73	7.90	7.99	4.3	3.319	88.3	2.1	1.5	0.5
342	1/12/2015 03:16:12	11.37	48.73	31.70	7.90	8.00	3.6	3.377	88.3	2.4	1.7	0.6
343	1/12/2015 03:31:12	11.38	48.82	31.77	7.88	8.00	3.8	3.430	88.1	2.3	1.6	0.5
344	1/12/2015 03:46:12	11.40	49.11	31.98	7.88	8.00	3.4	3.475	88.3	2.8	2.0	0.6
345	1/12/2015 04:01:12	11.41	49.09	31.96	7.87	8.00	3.4	3.512	88.1	2.3	1.6	0.5
346	1/12/2015 04:16:12	11.42	49.12	31.99	7.87	8.00	3.2	3.544	88.2	2.6	1.8	0.6
347	1/12/2015 04:31:12	11.43	49.19	32.04	7.86	8.01	2.9	3.561	88.2	2.8	2.0	0.6
348	1/12/2015 04:46:13	11.42	49.12	31.99	7.82	8.00	3.1	3.560	87.6	2.1	1.5	0.5
349	1/12/2015 05:01:12	11.43	49.23	32.07	7.82	8.00	3.6	3.550	87.6	2.2	1.5	0.5
350	1/12/2015 05:16:12	11.40	49.00	31.90	7.81	8.00	3.5	3.519	87.5	2.0	1.4	0.5
351	1/12/2015 05:31:12	11.35	48.49	31.53	7.79	7.98	3.5	3.483	86.9	2.1	1.5	0.5
352	1/12/2015 05:46:11	11.32	48.23	31.34	7.82	7.97	3.6	3.431	87.1	2.4	1.7	0.6
353	1/12/2015 06:01:13	11.32	48.47	31.51	7.84	7.98	3.6	3.370	87.4	2.0	1.4	0.5
354	1/12/2015 06:16:12	11.33	48.50	31.53	7.86	7.98	3.2	3.307	87.7	1.9	1.3	0.4
355	1/12/2015 06:31:12	11.32	48.25	31.35	7.86	7.98	3.2	3.225	87.5	2.1	1.5	0.5
356	1/12/2015 06:46:12	11.32	48.38	31.45	7.82	7.97	3.1	3.161	87.1	1.8	1.3	0.4
357	1/12/2015 07:01:12	11.31	48.31	31.40	7.80	7.97	2.8	3.089	86.9	2.4	1.7	0.6
358	1/12/2015 07:16:12	11.30	47.94	31.13	7.78	7.97	3.0	3.012	86.5	2.0	1.4	0.5
359	1/12/2015 07:31:12	11.30	48.16	31.29	7.79	7.96	2.8	2.957	86.7	2.2	1.5	0.5
360	1/12/2015 07:46:13	11.29	47.99	31.17	7.84	7.97	2.8	2.885	87.2	2.4	1.7	0.6
361	1/12/2015 08:01:13	11.29	47.94	31.13	7.83	7.96	2.8	2.814	87.0	2.1	1.5	0.5
362	1/12/2015 08:16:12	11.30	47.78	31.01	7.86	7.96	2.9	2.760	87.3	2.4	1.7	0.6
363	1/12/2015 08:31:12	11.31	47.69	30.95	7.92	7.97	2.8	2.700	87.9	1.8	1.3	0.4
364	1/12/2015 08:46:12	11.30	47.28	30.66	8.00	7.97	2.8	2.642	88.7	1.8	1.3	0.4
365	1/12/2015 09:01:12	11.32	47.49	30.80	8.03	7.97	2.7	2.581	89.1	1.9	1.3	0.4
366	1/12/2015 09:16:12	11.34	47.49	30.81	8.08	7.98	3.0	2.529	89.7	2.0	1.4	0.5
367	1/12/2015 09:31:13	11.34	47.49	30.81	8.10	7.98	2.6	2.485	90.0	1.9	1.3	0.4
368	1/12/2015 09:46:12	11.38	47.46	30.79	8.17	7.98	2.9	2.438	90.7	2.6	1.8	0.6
369	1/12/2015 10:01:12	11.39	47.31	30.68	8.22	7.98	2.9	2.409	91.3	2.5	1.8	0.6
370	1/12/2015 10:16:12	11.42	47.45	30.78	8.22	7.98	3.3	2.364	91.4	1.8	1.3	0.4
371	1/12/2015 10:31:12	11.41	47.21	30.61	8.21	7.98	2.8	2.352	91.2	2.2	1.5	0.5
372	1/12/2015 10:46:12	11.41	47.18	30.59	8.14	7.98	2.4	2.343	90.4	2.2	1.5	0.5
373	1/12/2015 11:01:12	11.38	47.27	30.65	8.15	7.98	2.6	2.328	90.5	1.8	1.3	0.4
374	1/12/2015 11:16:12	11.36	47.29	30.66	8.13	7.98	2.6	2.342	90.2	2.1	1.5	0.5
375	1/12/2015 11:31:12	11.35	47.40	30.74	8.08	7.98	2.6	2.367	89.7	1.9	1.3	0.4
376	1/12/2015 11:46:13	11.35	47.43	30.77	8.04	7.97	2.6	2.398	89.3	2.0	1.4	0.5
377	1/12/2015 12:01:12	11.35	47.45	30.78	8.03	7.97	2.7	2.424	89.2	2.0	1.4	0.5

sonde #3		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 = 0.7)	%FS
378	1/12/2015 12:16:12	11.48	47.27	30.66	8.07	7.97	2.6	2.472	89.8	2.5	1.8	0.6
379	1/12/2015 12:31:12	11.40	47.35	30.71	8.03	7.97	2.6	2.527	89.2	1.9	1.3	0.5
380	1/12/2015 12:46:12	11.39	47.33	30.69	8.01	7.97	2.7	2.565	89.0	2.2	1.5	0.5
381	1/12/2015 13:01:12	11.38	47.34	30.70	8.01	7.97	2.6	2.604	89.0	2.3	1.6	0.5
382	1/12/2015 13:16:12	11.37	47.51	30.82	7.99	7.97	2.7	2.656	88.8	2.3	1.6	0.5
383	1/12/2015 13:31:12	11.36	47.58	30.87	7.95	7.97	2.7	2.697	88.4	2.2	1.5	0.5
384	1/12/2015 13:46:12	11.37	47.62	30.91	7.92	7.97	2.8	2.739	88.1	2.3	1.6	0.5
385	1/12/2015 14:01:12	11.38	47.84	31.06	7.90	7.97	2.9	2.766	88.0	2.0	1.4	0.5
386	1/12/2015 14:16:13	11.38	47.84	31.06	7.88	7.97	2.7	2.805	87.7	2.4	1.7	0.6
387	1/12/2015 14:31:12	11.39	48.00	31.18	7.89	7.98	2.6	2.842	87.9	1.7	1.2	0.4
388	1/12/2015 14:46:12	11.41	47.97	31.16	7.87	7.98	2.8	2.861	87.7	2.0	1.4	0.5
389	1/12/2015 15:01:12	11.42	47.97	31.16	7.88	7.98	2.5	2.907	87.9	2.6	1.8	0.6
390	1/12/2015 15:16:12	11.41	48.20	31.33	7.84	7.98	2.5	2.925	87.5	2.0	1.4	0.5
391	1/12/2015 15:31:13	11.42	48.15	31.29	7.86	7.98	2.4	2.961	87.7	1.9	1.3	0.5
392	1/12/2015 15:46:12	11.43	48.19	31.32	7.85	7.98	2.3	2.984	87.7	3.0	2.1	0.7
393	1/12/2015 16:01:12	11.40	48.17	31.30	7.81	7.98	2.5	2.999	87.1	1.9	1.3	0.4
394	1/12/2015 16:16:12	11.42	48.17	31.30	7.77	7.98	1.9	3.011	86.7	2.8	2.0	0.7
395	1/12/2015 16:31:12	11.42	48.17	31.31	7.77	7.97	2.3	3.031	86.7	2.4	1.7	0.6
396	1/12/2015 16:46:12	11.43	48.13	31.28	7.77	7.98	2.1	3.007	86.7	2.2	1.5	0.5
397	1/12/2015 17:01:12	11.41	48.14	31.28	7.76	7.97	2.3	2.996	86.6	2.2	1.5	0.5
398	1/12/2015 17:16:12	11.42	48.11	31.26	7.79	7.97	2.5	2.981	86.9	1.9	1.3	0.4
399	1/12/2015 17:31:12	11.43	48.05	31.21	7.80	7.97	2.6	2.942	87.0	1.6	1.1	0.4
400	1/12/2015 17:46:12	11.51	47.81	31.05	7.91	7.98	2.7	2.888	88.3	2.0	1.4	0.5
401	1/12/2015 18:01:12	11.77	47.54	30.87	8.23	8.01	2.9	2.848	92.3	2.3	1.6	0.5
402	1/12/2015 18:16:12	11.68	47.74	31.01	8.14	8.00	3.0	2.787	91.2	2.4	1.7	0.6
403	1/12/2015 18:31:12	11.66	47.91	31.12	7.96	8.00	2.9	2.718	89.2	2.3	1.6	0.5
404	1/12/2015 18:46:12	11.68	47.72	30.99	8.11	7.99	2.9	2.665	90.8	2.4	1.7	0.6
405	1/12/2015 19:01:12	11.70	47.68	30.96	8.09	7.99	3.0	2.602	90.7	2.5	1.8	0.6
406	1/12/2015 19:16:12	11.77	47.56	30.88	8.20	8.00	2.9	2.540	91.9	2.7	1.9	0.6
407	1/12/2015 19:31:12	11.83	47.44	30.79	8.30	8.01	2.9	2.480	93.2	2.4	1.7	0.6
408	1/12/2015 19:46:12	11.82	47.42	30.78	8.32	8.01	2.9	2.422	93.3	3.0	2.1	0.7
409	1/12/2015 20:01:12	11.83	47.42	30.78	8.45	8.03	2.8	2.371	94.8	2.7	1.9	0.6
410	1/12/2015 20:16:12	11.81	47.24	30.65	8.55	8.03	2.8	2.326	95.8	2.5	1.8	0.6
411	1/12/2015 20:31:12	11.86	47.26	30.67	8.59	8.04	2.8	2.274	96.4	2.6	1.8	0.6
412	1/12/2015 20:46:12	11.85	47.18	30.61	8.61	8.04	2.7	2.237	96.6	2.6	1.8	0.6
413	1/12/2015 21:01:13	11.84	47.17	30.60	8.64	8.04	2.9	2.209	96.9	2.8	2.0	0.7
414	1/12/2015 21:16:13	11.82	47.18	30.61	8.60	8.04	2.8	2.159	96.3	2.7	1.9	0.6
415	1/12/2015 21:31:13	11.81	47.21	30.63	8.60	8.04	2.5	2.152	96.4	2.7	1.9	0.6
416	1/12/2015 21:46:12	11.87	47.11	30.56	8.68	8.05	2.8	2.133	97.3	3.0	2.1	0.7
417	1/12/2015 22:01:12	11.84	47.20	30.62	8.58	8.04	2.6	2.127	96.1	3.1	2.2	0.7
418	1/12/2015 22:16:12	11.70	47.20	30.61	8.37	8.01	2.4	2.128	93.6	2.3	1.6	0.5
419	1/12/2015 22:31:12	11.72	47.28	30.67	8.40	8.01	2.5	2.149	94.0	2.6	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 = 0.7)	Fluorescence %FS
420	1/12/2015 22:46:13	11.79	47.29	30.68	8.54	8.03	2.6	2.168	95.7	2.9	2.0	0.7
421	1/12/2015 23:01:12	11.81	47.06	30.52	8.56	8.03	3.3	2.202	95.8	2.1	1.5	0.5
422	1/12/2015 23:16:12	11.86	47.28	30.68	8.50	8.02	3.6	2.242	95.3	2.4	1.7	0.6
423	1/12/2015 23:31:12	11.81	47.27	30.67	8.47	8.02	3.6	2.276	94.9	2.7	1.9	0.6
424	1/12/2015 23:46:12	11.78	47.27	30.67	8.44	8.01	3.3	2.338	94.5	2.0	1.4	0.5
425	1/13/2015 00:01:12	11.78	47.28	30.68	8.41	8.01	3.3	2.389	94.2	2.5	1.8	0.6
426	1/13/2015 00:16:12	11.74	47.32	30.71	8.34	8.00	3.0	2.441	93.3	2.7	1.9	0.6
427	1/13/2015 00:31:12	11.69	47.48	30.81	8.24	8.00	2.9	2.503	92.2	3.1	2.2	0.7
428	1/13/2015 00:46:13	11.67	47.37	30.74	8.16	7.99	2.8	2.567	91.2	2.7	1.9	0.6
429	1/13/2015 01:01:13	11.67	47.50	30.83	8.11	7.99	2.8	2.627	90.7	2.9	2.0	0.7
430	1/13/2015 01:16:13	11.65	47.55	30.86	8.05	7.99	2.8	2.690	90.0	2.3	1.6	0.5
431	1/13/2015 01:31:12	11.61	47.79	31.04	7.98	7.98	2.9	2.754	89.2	2.8	2.0	0.7
432	1/13/2015 01:46:13	11.57	47.92	31.13	7.92	7.98	3.2	2.822	88.6	2.4	1.7	0.6
433	1/13/2015 02:01:13	11.55	48.05	31.22	7.89	7.98	2.9	2.881	88.2	2.6	1.8	0.6
434	1/13/2015 02:16:12	11.53	48.20	31.33	7.85	7.98	2.9	2.948	87.8	2.9	2.0	0.7
435	1/13/2015 02:31:13	11.53	48.31	31.41	7.83	7.98	2.9	3.018	87.6	2.4	1.7	0.6
436	1/13/2015 02:46:12	11.53	48.44	31.50	7.82	7.98	3.2	3.088	87.6	2.7	1.9	0.6
437	1/13/2015 03:01:12	11.53	48.48	31.53	7.84	7.99	3.6	3.153	87.8	2.3	1.6	0.5
438	1/13/2015 03:16:12	11.54	48.60	31.62	7.83	7.99	3.4	3.219	87.8	2.7	1.9	0.6
439	1/13/2015 03:31:13	11.55	48.75	31.73	7.81	7.99	3.4	3.288	87.6	2.6	1.8	0.6
440	1/13/2015 03:46:13	11.57	48.87	31.81	7.81	8.00	3.4	3.344	87.7	2.3	1.6	0.5
441	1/13/2015 04:01:13	11.58	48.94	31.87	7.79	8.00	3.3	3.409	87.5	2.2	1.5	0.5
442	1/13/2015 04:16:13	11.59	49.04	31.94	7.80	8.00	2.8	3.459	87.7	2.0	1.4	0.5
443	1/13/2015 04:31:12	11.60	49.10	31.99	7.78	8.00	2.9	3.505	87.5	2.9	2.0	0.7
444	1/13/2015 04:46:13	11.61	49.13	32.00	7.78	8.00	2.7	3.533	87.6	2.6	1.8	0.6
445	1/13/2015 05:01:13	11.62	49.12	32.00	7.78	8.01	2.9	3.559	87.6	2.6	1.8	0.6
446	1/13/2015 05:16:12	11.59	48.94	31.87	7.71	7.99	2.9	3.572	86.7	2.6	1.8	0.6
447	1/13/2015 05:31:11	11.62	49.09	31.98	7.71	8.00	2.6	3.563	86.8	1.9	1.3	0.5
448	1/13/2015 05:46:13	11.62	49.11	31.99	7.71	8.00	3.0	3.548	86.8	2.6	1.8	0.6
449	1/13/2015 06:01:12	11.62	49.16	32.03	7.72	8.00	3.3	3.500	86.9	2.2	1.5	0.5
450	1/13/2015 06:16:13	11.59	48.91	31.85	7.73	7.99	3.3	3.458	86.8	2.2	1.5	0.5
451	1/13/2015 06:31:11	11.46	48.36	31.44	7.75	7.98	3.4	3.414	86.6	1.9	1.3	0.4
452	1/13/2015 06:46:12	11.48	48.65	31.65	7.75	7.98	3.1	3.343	86.8	2.2	1.5	0.5
453	1/13/2015 07:01:12	11.47	48.64	31.64	7.75	7.98	3.2	3.282	86.7	1.8	1.3	0.4
454	1/13/2015 07:16:12	11.45	48.49	31.54	7.74	7.98	2.8	3.208	86.6	1.8	1.3	0.4
455	1/13/2015 07:31:11	11.45	48.16	31.30	7.76	7.97	2.9	3.142	86.7	2.4	1.7	0.6
456	1/13/2015 07:46:12	11.46	48.07	31.23	7.74	7.97	2.9	3.076	86.4	1.9	1.3	0.5
457	1/13/2015 08:01:12	11.44	47.81	31.04	7.74	7.97	2.8	2.993	86.2	2.1	1.5	0.5
458	1/13/2015 08:16:13	11.44	48.02	31.20	7.70	7.96	2.6	2.939	85.9	1.8	1.3	0.4
459	1/13/2015 08:31:12	11.44	48.14	31.28	7.68	7.96	2.5	2.871	85.7	1.6	1.1	0.4
460	1/13/2015 08:46:13	11.47	47.88	31.09	7.78	7.97	2.3	2.801	86.8	2.1	1.5	0.5
461	1/13/2015 09:01:12	11.45	48.11	31.26	7.81	7.97	2.6	2.734	87.1	1.9	1.3	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 = 0.7)	Fluorescence %FS
462	1/13/2015 09:16:12	11.48	47.90	31.11	7.85	7.97	2.9	2.667	87.6	2.4	1.7	0.6
463	1/13/2015 09:31:12	11.49	47.89	31.10	7.92	7.98	2.7	2.608	88.3	2.1	1.5	0.5
464	1/13/2015 09:46:12	11.50	48.00	31.19	7.99	7.98	3.0	2.536	89.2	2.1	1.5	0.5
465	1/13/2015 10:01:13	11.57	47.50	30.82	8.09	7.99	2.6	2.480	90.3	2.5	1.8	0.6
466	1/13/2015 10:16:13	11.59	47.48	30.81	8.16	7.99	2.8	2.414	91.1	2.4	1.7	0.6
467	1/13/2015 10:31:13	11.62	47.25	30.65	8.23	8.00	2.2	2.355	91.8	2.2	1.5	0.5
468	1/13/2015 10:46:13	11.66	47.39	30.75	8.40	8.01	2.6	2.311	93.8	2.5	1.8	0.6
469	1/13/2015 11:01:12	11.69	47.28	30.68	8.39	8.01	2.4	2.267	93.8	2.5	1.8	0.6
470	1/13/2015 11:16:13	11.71	47.21	30.62	8.40	8.01	2.5	2.222	93.9	2.0	1.4	0.5
471	1/13/2015 11:31:12	11.70	47.25	30.65	8.34	8.01	2.4	2.201	93.2	3.3	2.3	0.8
472	1/13/2015 11:46:12	11.82	47.13	30.57	8.36	8.01	2.3	2.189	93.6	2.1	1.5	0.5
473	1/13/2015 12:01:13	11.74	47.28	30.68	8.32	8.01	2.4	2.183	93.1	2.1	1.5	0.5
474	1/13/2015 12:16:13	11.67	47.38	30.74	8.26	8.00	2.1	2.194	92.3	1.8	1.3	0.4
475	1/13/2015 12:31:13	11.67	47.34	30.71	8.22	7.99	2.5	2.210	91.8	2.1	1.5	0.5
476	1/13/2015 12:46:13	11.67	47.32	30.70	8.15	7.99	2.3	2.253	91.0	2.0	1.4	0.5
477	1/13/2015 13:01:12	11.67	47.32	30.70	8.15	7.99	2.6	2.284	91.1	2.9	2.0	0.7
478	1/13/2015 13:16:12	11.92	47.19	30.62	8.18	7.99	2.7	2.320	91.9	2.2	1.5	0.5
479	1/13/2015 13:31:12	11.71	47.36	30.73	8.12	7.99	2.3	2.366	90.9	1.9	1.3	0.4
480	1/13/2015 13:46:11	11.72	47.22	30.63	8.10	7.98	2.4	2.403	90.6	2.5	1.8	0.6
481	1/13/2015 14:01:11	11.71	47.27	30.66	8.09	7.98	2.3	2.453	90.4	2.2	1.5	0.5
482	1/13/2015 14:16:12	11.70	47.28	30.67	8.06	7.98	2.3	2.486	90.2	2.3	1.6	0.5
483	1/13/2015 14:31:12	11.68	47.33	30.71	8.04	7.98	2.4	2.521	89.8	2.5	1.8	0.6
484	1/13/2015 14:46:12	11.65	47.47	30.81	7.98	7.98	2.3	2.567	89.3	2.3	1.6	0.6
485	1/13/2015 15:01:13	11.63	47.55	30.87	7.89	7.98	2.7	2.596	88.2	2.2	1.5	0.5
486	1/13/2015 15:16:12	11.61	47.70	30.97	7.88	7.97	2.4	2.641	88.1	1.9	1.3	0.4
487	1/13/2015 15:31:13	11.61	47.90	31.11	7.84	7.98	2.3	2.675	87.7	1.6	1.1	0.4
488	1/13/2015 15:46:12	11.64	47.92	31.13	7.86	7.98	2.3	2.712	88.0	2.3	1.6	0.5
489	1/13/2015 16:01:12	11.63	47.93	31.14	7.83	7.98	2.3	2.756	87.6	2.2	1.5	0.5
490	1/13/2015 16:16:12	11.63	48.06	31.23	7.82	7.98	2.3	2.784	87.6	2.3	1.6	0.5
491	1/13/2015 16:31:13	11.62	48.04	31.22	7.78	7.98	2.5	2.828	87.1	1.7	1.2	0.4
492	1/13/2015 16:46:12	11.61	48.17	31.31	7.72	7.97	2.1	2.844	86.5	3.2	2.2	0.7
493	1/13/2015 17:01:13	11.61	48.16	31.31	7.70	7.97	2.3	2.878	86.2	2.4	1.7	0.6
494	1/13/2015 17:16:13	11.61	48.16	31.31	7.69	7.97	2.1	2.905	86.1	2.6	1.8	0.6
495	1/13/2015 17:31:13	11.60	48.10	31.26	7.64	7.97	2.0	2.909	85.5	1.7	1.2	0.4
496	1/13/2015 17:46:12	11.63	48.13	31.28	7.72	7.97	2.3	2.909	86.5	2.4	1.7	0.6
497	1/13/2015 18:01:12	11.60	48.17	31.31	7.59	7.97	2.0	2.912	85.0	2.4	1.7	0.6
498	1/13/2015 18:16:12	11.60	48.19	31.33	7.61	7.97	2.3	2.905	85.2	1.8	1.3	0.4
499	1/13/2015 18:31:13	11.61	48.09	31.25	7.64	7.97	2.3	2.863	85.6	2.4	1.7	0.6
500	1/13/2015 18:46:13	11.65	47.99	31.18	7.78	7.98	2.7	2.828	87.1	2.3	1.6	0.5
501	1/13/2015 19:01:12	11.67	47.84	31.07	7.83	7.98	2.5	2.804	87.7	2.8	2.0	0.7
502	1/13/2015 19:16:13	11.73	47.89	31.11	7.85	7.99	2.5	2.748	88.0	2.1	1.5	0.5
503	1/13/2015 19:31:12	11.86	47.67	30.96	8.20	8.02	2.6	2.703	92.2	1.7	1.2	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 = 0.7)	Fluorescence %FS
504	1/13/2015 19:46:12	11.79	47.50	30.84	8.16	8.01	3.1	2.646	91.5	2.3	1.6	0.5
505	1/13/2015 20:01:12	11.75	47.60	30.91	8.08	8.00	2.6	2.603	90.6	2.1	1.5	0.5
506	1/13/2015 20:16:13	11.79	47.57	30.89	8.14	8.01	2.6	2.559	91.3	1.8	1.3	0.4
507	1/13/2015 20:31:13	11.82	47.53	30.86	8.21	8.01	2.5	2.504	92.2	1.9	1.3	0.5
508	1/13/2015 20:46:12	11.81	47.54	30.87	8.24	8.01	2.6	2.464	92.4	2.4	1.7	0.6
509	1/13/2015 21:01:12	11.79	47.39	30.76	8.30	8.01	2.3	2.429	93.0	2.7	1.9	0.6
510	1/13/2015 21:16:12	11.77	47.40	30.76	8.31	8.02	2.5	2.390	93.1	2.4	1.7	0.6
511	1/13/2015 21:31:12	11.78	47.34	30.72	8.35	8.02	2.5	2.353	93.6	2.2	1.5	0.5
512	1/13/2015 21:46:12	11.78	47.33	30.71	8.40	8.03	2.4	2.341	94.1	2.6	1.8	0.6
513	1/13/2015 22:01:13	11.75	47.32	30.70	8.39	8.03	2.3	2.311	93.9	2.5	1.8	0.6
514	1/13/2015 22:16:12	11.75	47.35	30.72	8.33	8.02	2.5	2.296	93.2	2.6	1.8	0.6
515	1/13/2015 22:31:12	11.78	47.25	30.65	8.28	8.02	2.0	2.279	92.7	2.5	1.8	0.6
516	1/13/2015 22:46:12	11.77	47.26	30.66	8.26	8.02	1.9	2.264	92.4	2.3	1.6	0.5
517	1/13/2015 23:01:12	11.77	47.31	30.70	8.34	8.02	2.3	2.268	93.4	2.5	1.8	0.6
518	1/13/2015 23:16:12	11.78	47.35	30.73	8.26	8.02	2.3	2.272	92.5	2.2	1.5	0.5
519	1/13/2015 23:31:12	11.79	47.34	30.72	8.28	8.02	2.5	2.284	92.8	2.6	1.8	0.6
520	1/13/2015 23:46:12	11.78	47.32	30.71	8.31	8.02	2.8	2.304	93.0	2.2	1.5	0.5
521	1/14/2015 00:01:13	11.77	47.35	30.72	8.34	8.02	2.7	2.340	93.4	2.6	1.8	0.6
522	1/14/2015 00:16:13	11.77	47.40	30.76	8.28	8.01	2.8	2.359	92.8	1.9	1.3	0.5
523	1/14/2015 00:31:12	11.78	47.50	30.83	8.27	8.01	2.5	2.421	92.7	2.2	1.5	0.5
524	1/14/2015 00:46:13	11.76	47.46	30.80	8.20	8.01	2.6	2.471	91.9	2.1	1.5	0.5
525	1/14/2015 01:01:12	11.75	47.52	30.85	8.15	8.00	2.8	2.508	91.3	2.0	1.4	0.5
526	1/14/2015 01:16:12	11.75	47.61	30.92	8.04	7.99	2.8	2.563	90.1	2.6	1.8	0.6
527	1/14/2015 01:31:13	11.69	47.76	31.02	7.89	7.98	2.9	2.623	88.4	2.1	1.5	0.5
528	1/14/2015 01:46:13	11.66	47.76	31.02	7.88	7.98	2.6	2.682	88.3	2.4	1.7	0.6
529	1/14/2015 02:01:13	11.67	47.91	31.13	7.83	7.98	2.6	2.736	87.8	1.9	1.3	0.4
530	1/14/2015 02:16:13	11.63	48.00	31.19	7.74	7.98	2.8	2.798	86.7	2.7	1.9	0.6
531	1/14/2015 02:31:12	11.61	48.17	31.31	7.70	7.97	2.5	2.860	86.3	2.9	2.0	0.7
532	1/14/2015 02:46:12	11.58	48.29	31.39	7.67	7.97	2.8	2.921	86.0	2.2	1.5	0.5
533	1/14/2015 03:01:12	11.58	48.39	31.47	7.65	7.97	2.8	2.978	85.8	2.4	1.7	0.6
534	1/14/2015 03:16:13	11.58	48.52	31.56	7.65	7.98	2.5	3.052	85.8	2.2	1.5	0.5
535	1/14/2015 03:31:12	11.59	48.51	31.56	7.65	7.98	2.7	3.114	85.8	2.3	1.6	0.5
536	1/14/2015 03:46:12	11.59	48.64	31.65	7.68	7.98	3.1	3.182	86.2	2.4	1.7	0.6
537	1/14/2015 04:01:12	11.62	48.71	31.70	7.71	7.99	3.5	3.253	86.6	3.2	2.2	0.8
538	1/14/2015 04:16:12	11.63	48.87	31.82	7.71	7.99	3.4	3.320	86.7	2.7	1.9	0.6
539	1/14/2015 04:31:12	11.62	48.95	31.87	7.73	8.00	3.4	3.386	86.9	2.3	1.6	0.5
540	1/14/2015 04:46:12	11.61	48.94	31.87	7.75	8.00	2.7	3.445	87.1	2.2	1.5	0.5
541	1/14/2015 05:01:12	11.59	49.11	31.99	7.75	8.01	2.7	3.501	87.2	2.3	1.6	0.5
542	1/14/2015 05:16:12	11.60	49.19	32.05	7.75	8.01	2.6	3.548	87.2	2.4	1.7	0.6
543	1/14/2015 05:31:12	11.59	49.21	32.07	7.72	8.01	3.0	3.581	86.9	2.4	1.7	0.6
544	1/14/2015 05:46:13	11.59	49.28	32.11	7.76	8.02	2.5	3.608	87.3	1.9	1.3	0.5
545	1/14/2015 06:01:12	11.55	49.30	32.12	7.71	8.01	2.4	3.618	86.7	3.1	2.2	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 = 0.7)	Fluorescence %FS
546	1/14/2015 06:16:12	11.56	49.20	32.05	7.68	8.01	3.2	3.621	86.4	2.3	1.6	0.5
547	1/14/2015 06:31:12	11.58	49.35	32.16	7.70	8.01	2.7	3.604	86.7	1.9	1.3	0.4
548	1/14/2015 06:46:12	11.54	49.23	32.08	7.67	8.00	2.8	3.571	86.3	1.9	1.3	0.4
549	1/14/2015 07:01:12	11.30	48.71	31.69	7.67	7.99	3.6	3.533	85.6	2.2	1.5	0.5
550	1/14/2015 07:16:13	11.39	48.64	31.64	7.58	7.98	3.1	3.479	84.8	1.9	1.3	0.4
551	1/14/2015 07:31:12	11.33	48.63	31.63	7.66	7.99	2.9	3.414	85.5	2.4	1.7	0.6
552	1/14/2015 07:46:12	11.36	48.70	31.68	7.62	7.98	2.9	3.366	85.2	1.9	1.3	0.4
553	1/14/2015 08:01:11	11.31	48.31	31.40	7.65	7.97	2.6	3.298	85.2	1.8	1.3	0.4
554	1/14/2015 08:16:12	11.26	48.15	31.28	7.64	7.97	2.7	3.208	85.0	2.1	1.5	0.5
555	1/14/2015 08:31:12	11.30	48.19	31.31	7.66	7.97	3.1	3.142	85.3	1.8	1.3	0.4
556	1/14/2015 08:46:11	11.30	48.16	31.29	7.71	7.97	2.3	3.081	85.8	2.2	1.5	0.5
557	1/14/2015 09:01:12	11.31	47.98	31.16	7.74	7.97	2.3	2.999	86.1	2.1	1.5	0.5
558	1/14/2015 09:16:12	11.31	48.15	31.28	7.77	7.98	2.3	2.923	86.5	2.0	1.4	0.5
559	1/14/2015 09:31:12	11.31	48.01	31.18	7.86	7.98	2.5	2.852	87.5	2.0	1.4	0.5
560	1/14/2015 09:46:13	11.34	47.91	31.11	7.90	7.99	2.3	2.779	87.9	2.1	1.5	0.5
561	1/14/2015 10:01:12	11.33	47.72	30.97	7.98	7.99	2.3	2.704	88.7	2.2	1.5	0.5
562	1/14/2015 10:16:12	11.36	47.92	31.12	8.05	8.00	2.5	2.627	89.6	2.0	1.4	0.5
563	1/14/2015 10:31:12	11.40	47.85	31.07	8.14	8.01	2.6	2.548	90.7	2.1	1.5	0.5
564	1/14/2015 10:46:13	11.41	47.61	30.90	8.21	8.01	2.5	2.475	91.4	2.4	1.7	0.6
565	1/14/2015 11:01:13	11.48	47.67	30.94	8.32	8.02	2.4	2.384	92.7	2.5	1.8	0.6
566	1/14/2015 11:16:12	11.48	47.55	30.86	8.40	8.02	2.5	2.329	93.6	2.4	1.7	0.6
567	1/14/2015 11:31:12	11.54	47.57	30.88	8.47	8.03	2.9	2.243	94.5	2.1	1.5	0.5
568	1/14/2015 11:46:12	11.60	47.56	30.87	8.71	8.05	2.7	2.179	97.3	2.5	1.8	0.6
569	1/14/2015 12:01:12	11.60	47.43	30.78	8.76	8.06	2.4	2.123	97.8	3.0	2.1	0.7
570	1/14/2015 12:16:12	11.56	47.34	30.71	8.70	8.05	2.5	2.078	97.1	2.6	1.8	0.6
571	1/14/2015 12:31:13	11.57	47.22	30.62	8.69	8.05	2.5	2.052	96.8	2.6	1.8	0.6
572	1/14/2015 12:46:13	11.57	47.18	30.60	8.64	8.05	2.6	2.019	96.3	3.5	2.5	0.8
573	1/14/2015 13:01:12	11.64	47.23	30.63	8.67	8.05	2.5	2.015	96.8	2.7	1.9	0.6
574	1/14/2015 13:16:13	11.64	47.24	30.64	8.70	8.05	2.6	2.036	97.1	3.1	2.2	0.7
575	1/14/2015 13:31:12	11.61	47.31	30.69	8.61	8.04	2.3	2.036	96.0	2.6	1.8	0.6
576	1/14/2015 13:46:13	11.59	47.31	30.69	8.55	8.04	2.5	2.079	95.4	2.5	1.8	0.6
577	1/14/2015 14:01:13	11.56	47.34	30.71	8.42	8.02	2.1	2.128	93.9	2.7	1.9	0.6
578	1/14/2015 14:16:13	11.54	47.45	30.79	8.38	8.02	2.2	2.174	93.5	2.4	1.7	0.6
579	1/14/2015 14:31:12	11.53	47.24	30.64	8.32	8.01	2.3	2.219	92.7	1.9	1.3	0.5
580	1/14/2015 14:46:12	11.54	47.34	30.71	8.31	8.01	2.5	2.264	92.6	2.1	1.5	0.5
581	1/14/2015 15:01:12	11.57	47.15	30.57	8.29	8.01	2.6	2.320	92.4	2.4	1.7	0.6
582	1/14/2015 15:16:12	11.51	47.35	30.72	8.19	8.00	2.3	2.356	91.2	2.0	1.4	0.5
583	1/14/2015 15:31:12	11.49	47.26	30.65	8.15	8.00	2.6	2.394	90.7	2.2	1.5	0.5
584	1/14/2015 15:46:12	11.47	47.39	30.74	8.12	8.00	2.2	2.458	90.3	2.0	1.4	0.5
585	1/14/2015 16:01:13	11.43	47.50	30.82	8.03	7.99	2.4	2.494	89.3	2.4	1.7	0.6
586	1/14/2015 16:16:13	11.44	47.58	30.88	7.97	7.99	2.3	2.535	88.7	1.7	1.2	0.4
587	1/14/2015 16:31:12	11.44	47.76	31.00	7.91	7.99	2.1	2.577	88.2	2.2	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 = 0.7)	Fluorescence %FS
588	1/14/2015 16:46:12	11.46	47.89	31.10	7.80	7.98	2.4	2.628	86.9	2.0	1.4	0.5
589	1/14/2015 17:01:12	11.48	48.05	31.22	7.75	7.98	2.5	2.686	86.6	1.8	1.3	0.4
590	1/14/2015 17:16:12	11.48	48.07	31.23	7.76	7.98	2.2	2.714	86.7	1.8	1.3	0.4
591	1/14/2015 17:31:12	11.49	48.14	31.28	7.74	7.98	1.9	2.770	86.5	2.4	1.7	0.6
592	1/14/2015 17:46:12	11.49	48.11	31.27	7.71	7.98	2.0	2.797	86.1	2.7	1.9	0.6
593	1/14/2015 18:01:12	11.49	48.18	31.31	7.71	7.98	2.0	2.845	86.1	3.3	2.3	0.8
594	1/14/2015 18:16:12	11.49	48.14	31.28	7.69	7.98	2.0	2.875	86.0	2.1	1.5	0.5
595	1/14/2015 18:31:12	11.48	48.19	31.32	7.65	7.98	2.2	2.900	85.5	2.4	1.7	0.6
596	1/14/2015 18:46:13	11.48	47.98	31.17	7.65	7.98	2.3	2.910	85.4	2.5	1.8	0.6
597	1/14/2015 19:01:13	11.48	48.08	31.24	7.70	7.98	2.3	2.933	86.0	2.5	1.8	0.6
598	1/14/2015 19:16:12	11.48	48.05	31.22	7.61	7.97	2.0	2.931	85.0	2.4	1.7	0.6
599	1/14/2015 19:31:12	11.48	48.11	31.26	7.59	7.97	1.9	2.908	84.8	2.1	1.5	0.5
600	1/14/2015 19:46:13	11.43	47.97	31.15	7.74	7.99	2.5	2.907	86.3	2.5	1.8	0.6
601	1/14/2015 20:01:12	11.42	47.60	30.89	7.96	8.00	2.6	2.872	88.5	2.4	1.7	0.6
602	1/14/2015 20:16:13	11.38	47.54	30.85	7.93	8.00	2.4	2.849	88.1	2.5	1.8	0.6
603	1/14/2015 20:31:12	11.41	47.62	30.91	7.93	8.00	2.4	2.806	88.2	2.5	1.8	0.6
604	1/14/2015 20:46:13	11.47	47.78	31.02	7.85	7.99	2.4	2.753	87.5	2.4	1.7	0.6
605	1/14/2015 21:01:13	11.57	47.65	30.93	8.05	8.01	2.9	2.713	89.9	2.4	1.7	0.6
606	1/14/2015 21:16:13	11.54	47.76	31.01	8.02	8.00	2.8	2.689	89.6	2.4	1.7	0.6
607	1/14/2015 21:31:13	11.54	47.70	30.97	7.99	8.00	2.7	2.631	89.2	2.0	1.4	0.5
608	1/14/2015 21:46:12	11.50	47.69	30.96	7.97	8.00	2.8	2.582	88.8	1.7	1.2	0.4
609	1/14/2015 22:01:12	11.50	47.65	30.93	7.97	8.00	2.5	2.551	88.9	2.5	1.8	0.6
610	1/14/2015 22:16:13	11.55	47.56	30.87	8.09	8.01	2.6	2.521	90.3	2.3	1.6	0.5
611	1/14/2015 22:31:12	11.56	47.53	30.84	8.20	8.02	2.3	2.476	91.6	2.6	1.8	0.6
612	1/14/2015 22:46:12	11.51	47.45	30.79	8.16	8.01	2.1	2.457	90.9	2.5	1.8	0.6
613	1/14/2015 23:01:13	11.50	47.45	30.79	8.17	8.02	2.3	2.444	91.0	2.6	1.8	0.6
614	1/14/2015 23:16:12	11.48	47.41	30.76	8.19	8.02	2.6	2.420	91.2	2.9	2.0	0.7
615	1/14/2015 23:31:13	11.49	47.33	30.70	8.24	8.03	1.9	2.413	91.7	2.8	2.0	0.7
616	1/14/2015 23:46:13	11.47	47.41	30.76	8.10	8.01	2.0	2.382	90.1	2.8	2.0	0.6
617	1/15/2015 00:01:13	11.48	47.50	30.82	8.13	8.02	2.5	2.409	90.5	2.6	1.8	0.6
618	1/15/2015 00:16:12	11.48	47.57	30.87	8.09	8.01	2.7	2.401	90.2	2.7	1.9	0.6
619	1/15/2015 00:31:13	11.46	47.57	30.87	8.02	8.01	2.8	2.418	89.3	1.8	1.3	0.4
620	1/15/2015 00:46:13	11.48	47.63	30.92	8.02	8.00	3.1	2.453	89.4	2.4	1.7	0.6
621	1/15/2015 01:01:13	11.50	47.68	30.95	8.00	8.00	2.5	2.465	89.3	2.2	1.5	0.5
622	1/15/2015 01:16:12	11.48	47.72	30.98	7.97	8.00	2.5	2.509	88.8	2.1	1.5	0.5
623	1/15/2015 01:31:12	11.48	47.67	30.94	7.96	7.99	2.5	2.548	88.8	2.5	1.8	0.6
624	1/15/2015 01:46:13	11.48	47.73	30.98	7.91	7.99	2.5	2.596	88.2	2.2	1.5	0.5
625	1/15/2015 02:01:13	11.48	47.77	31.02	7.87	7.99	2.3	2.636	87.8	2.2	1.5	0.5
626	1/15/2015 02:16:13	11.47	47.89	31.10	7.81	7.98	2.5	2.686	87.1	2.5	1.8	0.6
627	1/15/2015 02:31:13	11.46	47.92	31.12	7.75	7.98	2.5	2.745	86.5	2.5	1.8	0.6
628	1/15/2015 02:46:12	11.45	48.07	31.23	7.69	7.97	2.8	2.792	85.8	2.4	1.7	0.6
629	1/15/2015 03:01:12	11.46	48.19	31.32	7.63	7.97	2.6	2.852	85.2	2.6	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 = 0.7)	Fluorescence %FS
630	1/15/2015 03:16:11	11.46	48.26	31.37	7.60	7.97	2.5	2.906	84.9	1.9	1.3	0.5
631	1/15/2015 03:31:12	11.47	48.36	31.44	7.56	7.97	2.6	2.972	84.5	2.2	1.5	0.5
632	1/15/2015 03:46:12	11.47	48.47	31.52	7.55	7.97	2.8	3.046	84.5	3.0	2.1	0.7
633	1/15/2015 04:01:12	11.50	48.61	31.62	7.55	7.98	2.7	3.113	84.5	2.9	2.0	0.7
634	1/15/2015 04:16:12	11.51	48.72	31.70	7.55	7.98	2.8	3.201	84.7	2.3	1.6	0.5
635	1/15/2015 04:31:13	11.55	48.93	31.86	7.60	7.99	3.1	3.270	85.3	2.3	1.6	0.5
636	1/15/2015 04:46:13	11.60	49.18	32.04	7.66	8.00	3.4	3.331	86.2	2.5	1.8	0.6
637	1/15/2015 05:01:12	11.61	49.17	32.03	7.67	8.01	3.2	3.416	86.3	2.6	1.8	0.6
638	1/15/2015 05:16:12	11.61	49.13	32.01	7.69	8.01	3.2	3.462	86.5	2.2	1.5	0.5
639	1/15/2015 05:31:12	11.61	49.06	31.96	7.68	8.01	3.4	3.541	86.4	2.4	1.7	0.6
640	1/15/2015 05:46:13	11.60	49.37	32.18	7.68	8.01	3.3	3.613	86.5	2.4	1.7	0.6
641	1/15/2015 06:01:12	11.60	49.39	32.19	7.71	8.02	3.2	3.641	86.9	2.0	1.4	0.5
642	1/15/2015 06:16:13	11.60	49.41	32.21	7.71	8.02	2.9	3.690	86.8	2.2	1.5	0.5
643	1/15/2015 06:31:13	11.61	49.39	32.20	7.69	8.02	3.0	3.726	86.6	2.2	1.5	0.5
644	1/15/2015 06:46:12	11.57	49.10	31.98	7.63	8.01	2.8	3.732	85.8	2.5	1.8	0.6
645	1/15/2015 07:01:13	11.60	49.39	32.20	7.63	8.01	2.9	3.736	85.9	1.9	1.3	0.4
646	1/15/2015 07:16:13	11.60	49.46	32.24	7.59	8.01	2.9	3.739	85.6	1.7	1.2	0.4
647	1/15/2015 07:31:12	11.61	49.45	32.24	7.65	8.02	3.2	3.695	86.2	1.8	1.3	0.4
648	1/15/2015 07:46:13	11.49	48.88	31.82	7.58	7.99	2.5	3.673	84.9	2.3	1.6	0.5
649	1/15/2015 08:01:12	11.53	48.97	31.89	7.49	7.99	2.6	3.625	84.1	1.6	1.1	0.4
650	1/15/2015 08:16:12	11.46	48.81	31.77	7.57	7.98	2.9	3.555	84.8	2.3	1.6	0.5
651	1/15/2015 08:31:12	11.49	49.04	31.93	7.62	7.99	2.5	3.491	85.5	1.6	1.1	0.4
652	1/15/2015 08:46:13	11.48	48.77	31.74	7.63	7.99	2.4	3.425	85.5	2.1	1.5	0.5
653	1/15/2015 09:01:13	11.46	48.65	31.65	7.62	7.98	2.6	3.340	85.3	2.3	1.6	0.5
654	1/15/2015 09:16:13	11.46	48.51	31.55	7.60	7.98	2.6	3.265	85.1	2.1	1.5	0.5
655	1/15/2015 09:31:13	11.46	48.48	31.53	7.61	7.97	2.2	3.180	85.0	2.1	1.5	0.5
656	1/15/2015 09:46:13	11.45	48.41	31.47	7.62	7.97	2.3	3.086	85.2	1.9	1.3	0.5
657	1/15/2015 10:01:12	11.46	48.49	31.53	7.75	7.98	2.6	3.008	86.6	2.2	1.5	0.5
658	1/15/2015 10:16:12	11.45	48.26	31.37	7.78	7.98	2.5	2.908	87.0	2.1	1.5	0.5
659	1/15/2015 10:31:12	11.46	48.28	31.38	7.84	7.99	2.9	2.837	87.6	2.5	1.8	0.6
660	1/15/2015 10:46:13	11.48	48.16	31.30	8.09	8.00	2.8	2.751	90.4	1.7	1.2	0.4
661	1/15/2015 11:01:12	11.53	48.17	31.31	8.04	8.00	3.6	2.642	89.9	2.1	1.5	0.5
662	1/15/2015 11:16:13	11.55	48.09	31.25	8.08	8.01	3.8	2.563	90.4	2.8	2.0	0.6
663	1/15/2015 11:31:13	11.59	47.95	31.15	8.14	8.01	4.7	2.470	91.0	2.6	1.8	0.6
664	1/15/2015 11:46:13	11.66	47.87	31.09	8.33	8.02	6.4	2.368	93.3	2.4	1.7	0.6
665	1/15/2015 12:01:12	11.67	47.75	31.01	8.37	8.03	5.7	2.297	93.7	2.5	1.8	0.6
666	1/15/2015 12:16:12	11.71	47.81	31.06	8.47	8.04	6.2	2.197	94.9	2.3	1.6	0.5
667	1/15/2015 12:31:12	11.69	47.68	30.96	8.59	8.04	6.2	2.120	96.2	2.7	1.9	0.6
668	1/15/2015 12:46:13	11.74	47.56	30.88	8.63	8.06	6.1	2.035	96.7	3.2	2.2	0.8
669	1/15/2015 13:01:12	11.70	47.57	30.88	8.53	8.05	6.5	1.979	95.5	2.7	1.9	0.6
670	1/15/2015 13:16:12	11.69	47.42	30.77	8.55	8.05	6.5	1.918	95.6	3.3	2.3	0.8
671	1/15/2015 13:31:12	11.67	47.34	30.72	8.55	8.05	6.3	1.831	95.6	3.7	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 = 0.7)	Fluorescence %FS
672	1/15/2015 13:46:13	11.65	47.40	30.76	8.49	8.05	6.6	1.825	94.8	2.8	2.0	0.7
673	1/15/2015 14:01:13	11.65	47.37	30.74	8.70	8.05	6.3	1.832	97.2	3.3	2.3	0.8
674	1/15/2015 14:16:12	11.65	47.34	30.72	8.50	8.05	6.3	1.855	95.0	3.2	2.2	0.7
675	1/15/2015 14:31:13	11.65	47.36	30.73	8.44	8.04	6.2	1.872	94.3	3.4	2.4	0.8
676	1/15/2015 14:46:13	11.63	47.37	30.74	8.38	8.03	6.0	1.892	93.6	3.1	2.2	0.7
677	1/15/2015 15:01:12	11.62	47.34	30.71	8.32	8.02	5.7	1.981	92.8	3.4	2.4	0.8
678	1/15/2015 15:16:12	11.59	46.98	30.45	8.22	8.01	5.9	2.031	91.5	3.2	2.2	0.7
679	1/15/2015 15:31:12	11.58	46.86	30.36	8.21	8.01	5.0	2.064	91.3	2.9	2.0	0.7
680	1/15/2015 15:46:12	11.57	47.03	30.49	8.18	8.01	4.9	2.127	91.1	3.1	2.2	0.7
681	1/15/2015 16:01:12	11.56	47.09	30.53	8.12	8.00	4.5	2.191	90.5	2.7	1.9	0.6
682	1/15/2015 16:16:12	11.56	47.28	30.67	8.10	8.00	4.3	2.232	90.3	2.3	1.6	0.5
683	1/15/2015 16:31:13	11.55	47.31	30.69	8.03	8.00	3.8	2.305	89.5	2.3	1.6	0.5
684	1/15/2015 16:46:12	11.54	47.54	30.85	7.99	7.99	3.5	2.370	89.2	2.2	1.5	0.5
685	1/15/2015 17:01:12	11.54	47.81	31.05	7.86	7.99	3.2	2.434	87.8	2.5	1.8	0.6
686	1/15/2015 17:16:12	11.53	47.97	31.16	7.80	7.98	3.2	2.512	87.2	2.5	1.8	0.6
687	1/15/2015 17:31:12	11.52	47.84	31.07	7.73	7.98	3.1	2.551	86.3	2.7	1.9	0.6
688	1/15/2015 17:46:13	11.51	47.93	31.14	7.77	7.98	3.4	2.605	86.8	2.6	1.8	0.6
689	1/15/2015 18:01:13	11.51	47.96	31.15	7.56	7.96	3.3	2.665	84.5	2.7	1.9	0.6
690	1/15/2015 18:16:13	11.50	48.01	31.19	7.63	7.96	3.8	2.688	85.2	2.3	1.6	0.5
691	1/15/2015 18:31:12	11.50	48.13	31.28	7.70	7.97	3.1	2.756	86.0	2.7	1.9	0.6
692	1/15/2015 18:46:13	11.50	48.20	31.33	7.90	7.98	3.2	2.796	88.3	2.6	1.8	0.6
693	1/15/2015 19:01:13	11.50	48.34	31.43	7.72	7.98	2.9	2.828	86.3	3.0	2.1	0.7
694	1/15/2015 19:16:13	11.50	48.35	31.43	7.71	7.98	2.9	2.870	86.2	2.4	1.7	0.6
695	1/15/2015 19:31:12	11.50	48.39	31.47	7.66	7.98	2.9	2.935	85.7	2.6	1.8	0.6
696	1/15/2015 19:46:12	11.51	48.52	31.56	7.67	7.98	2.5	2.959	85.9	2.6	1.8	0.6
697	1/15/2015 20:01:12	11.52	48.58	31.60	7.66	7.98	2.6	2.997	85.8	2.7	1.9	0.6
698	1/15/2015 20:16:12	11.53	48.59	31.61	7.63	7.98	2.6	3.040	85.5	3.1	2.2	0.7
699	1/15/2015 20:31:12	11.53	48.69	31.68	7.63	7.98	2.8	3.043	85.5	2.7	1.9	0.6
700	1/15/2015 20:46:13	11.54	48.57	31.60	7.59	7.98	2.5	3.080	85.0	2.2	1.5	0.5
701	1/15/2015 21:01:13	11.52	48.62	31.63	7.63	7.98	2.8	3.055	85.6	2.6	1.8	0.6
702	1/15/2015 21:16:13	11.48	48.30	31.40	7.66	7.97	7.2	3.037	85.7	2.2	1.5	0.5
703	1/15/2015 21:31:13	11.45	48.22	31.34	7.74	7.98	4.7	3.032	86.4	2.4	1.7	0.6
704	1/15/2015 21:46:12	11.47	48.30	31.40	7.73	7.98	3.5	2.975	86.4	2.9	2.0	0.7
705	1/15/2015 22:01:12	11.48	48.38	31.46	7.73	7.98	3.3	2.930	86.4	2.4	1.7	0.6
706	1/15/2015 22:16:12	11.48	48.30	31.40	7.75	7.98	3.7	2.891	86.6	2.3	1.6	0.5
707	1/15/2015 22:31:12	11.46	48.15	31.29	7.79	7.98	4.8	2.827	87.0	2.4	1.7	0.6
708	1/15/2015 22:46:12	11.47	48.22	31.34	7.75	7.97	4.6	2.781	86.5	2.8	2.0	0.7
709	1/15/2015 23:01:12	11.47	48.19	31.32	7.75	7.97	5.1	2.739	86.6	2.5	1.8	0.6
710	1/15/2015 23:16:12	11.46	48.07	31.23	7.76	7.97	5.9	2.665	86.7	2.3	1.6	0.5
711	1/15/2015 23:31:13	11.45	47.82	31.05	7.77	7.97	6.6	2.638	86.6	2.3	1.6	0.5
712	1/15/2015 23:46:13	11.45	47.89	31.10	7.80	7.97	6.6	2.624	87.0	2.3	1.6	0.5
713	1/16/2015 00:01:13	11.45	47.71	30.97	7.78	7.97	6.2	2.562	86.7	2.4	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 = 0.7)	Fluorescence %FS
714	1/16/2015 00:16:13	11.45	47.81	31.04	7.76	7.97	6.2	2.548	86.5	2.6	1.8	0.6
715	1/16/2015 00:31:13	11.46	47.82	31.05	7.70	7.97	4.7	2.516	85.8	2.4	1.7	0.6
716	1/16/2015 00:46:13	11.45	47.78	31.02	7.75	7.97	6.1	2.524	86.4	2.8	2.0	0.6
717	1/16/2015 01:01:12	11.46	47.93	31.13	7.73	7.96	5.7	2.522	86.3	2.4	1.7	0.6
718	1/16/2015 01:16:12	11.46	47.91	31.11	7.67	7.96	5.4	2.537	85.5	2.1	1.5	0.5
719	1/16/2015 01:31:12	11.46	48.03	31.20	7.61	7.96	5.3	2.549	84.9	2.5	1.8	0.6
720	1/16/2015 01:46:12	11.47	47.99	31.18	7.55	7.95	5.3	2.586	84.2	2.3	1.6	0.5
721	1/16/2015 02:01:13	11.47	48.06	31.23	7.58	7.95	5.1	2.612	84.7	2.2	1.5	0.5
722	1/16/2015 02:16:12	11.47	47.93	31.13	7.67	7.96	4.8	2.633	85.6	2.2	1.5	0.5
723	1/16/2015 02:31:13	11.47	48.06	31.22	7.61	7.96	4.6	2.685	84.9	2.4	1.7	0.6
724	1/16/2015 02:46:12	11.47	47.97	31.16	7.64	7.96	4.7	2.726	85.3	2.2	1.5	0.5
725	1/16/2015 03:01:12	11.50	48.14	31.28	7.63	7.97	4.5	2.766	85.3	2.1	1.5	0.5
726	1/16/2015 03:16:13	11.51	48.14	31.28	7.64	7.97	3.5	2.820	85.4	2.3	1.6	0.5
727	1/16/2015 03:31:13	11.53	48.36	31.44	7.61	7.97	3.3	2.874	85.2	2.3	1.6	0.5
728	1/16/2015 03:46:13	11.53	48.52	31.56	7.60	7.98	3.6	2.944	85.2	2.0	1.4	0.5
729	1/16/2015 04:01:12	11.53	48.47	31.52	7.74	7.98	3.8	3.001	86.7	1.9	1.3	0.5
730	1/16/2015 04:16:13	11.53	48.46	31.52	7.76	7.98	3.4	3.073	86.9	2.4	1.7	0.6
731	1/16/2015 04:31:13	11.54	48.56	31.59	7.89	7.98	3.7	3.149	88.5	2.1	1.5	0.5
732	1/16/2015 04:46:13	11.55	48.54	31.58	7.66	7.98	3.5	3.216	85.9	2.4	1.7	0.6
733	1/16/2015 05:01:13	11.58	48.83	31.78	7.95	7.99	4.0	3.300	89.3	2.1	1.5	0.5
734	1/16/2015 05:16:12	11.61	48.96	31.89	7.65	8.00	4.3	3.367	86.1	2.5	1.8	0.6
735	1/16/2015 05:31:13	11.65	49.11	32.00	7.70	8.01	4.3	3.439	86.7	2.0	1.4	0.5
736	1/16/2015 05:46:13	11.68	49.25	32.09	8.09	8.02	4.5	3.518	91.2	1.8	1.3	0.4
737	1/16/2015 06:01:12	11.71	49.42	32.22	8.17	8.03	4.5	3.605	92.3	2.4	1.7	0.6
738	1/16/2015 06:16:12	11.74	49.64	32.38	7.83	8.04	4.0	3.663	88.5	2.4	1.7	0.6
739	1/16/2015 06:31:13	11.76	49.57	32.33	7.85	8.04	4.2	3.725	88.8	2.3	1.6	0.5
740	1/16/2015 06:46:13	11.81	49.68	32.42	7.91	8.05	4.4	3.779	89.6	2.6	1.8	0.6
741	1/16/2015 07:01:13	11.87	49.80	32.51	7.96	8.07	4.2	3.817	90.3	2.1	1.5	0.5
742	1/16/2015 07:16:13	11.89	49.85	32.54	8.29	8.07	3.5	3.858	94.2	2.2	1.5	0.5
743	1/16/2015 07:31:13	11.91	49.85	32.54	8.02	8.08	2.9	3.883	91.1	1.9	1.3	0.5
744	1/16/2015 07:46:13	11.78	49.51	32.29	7.83	8.04	3.1	3.890	88.6	2.5	1.8	0.6
745	1/16/2015 08:01:12	11.87	49.75	32.47	7.91	8.06	3.4	3.881	89.8	1.5	1.1	0.4
746	1/16/2015 08:16:13	11.89	49.87	32.56	7.95	8.07	3.4	3.871	90.3	1.7	1.2	0.4
747	1/16/2015 08:31:13	11.88	49.81	32.51	8.25	8.07	3.7	3.831	93.7	2.0	1.4	0.5
748	1/16/2015 08:46:13	11.70	49.35	32.17	8.08	8.02	4.1	3.775	91.2	1.4	1.0	0.3
749	1/16/2015 09:01:13	11.73	49.36	32.18	7.78	8.03	3.2	3.721	87.9	2.1	1.5	0.5
750	1/16/2015 09:16:12	11.73	49.45	32.24	7.94	8.03	3.6	3.648	89.8	2.1	1.5	0.5
751	1/16/2015 09:31:13	11.72	49.22	32.07	7.80	8.02	3.3	3.567	88.0	1.9	1.3	0.4
752	1/16/2015 09:46:13	11.66	48.99	31.91	7.69	8.00	3.0	3.479	86.6	1.9	1.3	0.4
753	1/16/2015 10:01:12	11.63	48.78	31.76	7.66	7.99	3.2	3.384	86.1	2.4	1.7	0.6
754	1/16/2015 10:16:12	11.63	48.71	31.70	7.69	7.99	2.9	3.296	86.4	2.1	1.5	0.5
755	1/16/2015 10:31:12	11.63	48.71	31.70	8.10	7.99	3.6	3.190	91.0	2.3	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 = 0.7)	Fluorescence %FS
756	1/16/2015 10:46:13	11.69	48.79	31.76	7.80	8.01	3.1	3.103	87.8	2.1	1.5	0.5
757	1/16/2015 11:01:13	11.66	48.60	31.62	8.09	7.99	3.2	3.007	90.9	2.3	1.6	0.5
758	1/16/2015 11:16:13	11.64	48.49	31.55	7.66	7.98	3.6	2.892	86.0	2.5	1.8	0.6
759	1/16/2015 11:31:12	11.74	48.69	31.70	7.86	8.01	3.7	2.785	88.5	1.8	1.3	0.4
760	1/16/2015 11:46:13	11.81	48.72	31.72	7.96	8.02	3.8	2.684	89.8	2.0	1.4	0.5
761	1/16/2015 12:01:13	11.80	48.44	31.51	7.95	8.01	4.0	2.585	89.5	1.9	1.3	0.4
762	1/16/2015 12:16:12	11.85	48.31	31.43	8.06	8.01	3.8	2.460	90.8	2.3	1.6	0.5
763	1/16/2015 12:31:13	11.84	48.07	31.25	8.07	8.00	4.8	2.355	90.8	2.2	1.5	0.5
764	1/16/2015 12:46:12	11.94	48.06	31.25	8.20	8.01	4.3	2.256	92.4	2.7	1.9	0.6
765	1/16/2015 13:01:12	12.11	47.89	31.13	8.36	8.04	4.3	2.140	94.6	2.1	1.5	0.5
766	1/16/2015 13:16:12	11.98	47.86	31.11	8.28	8.02	4.8	2.036	93.4	2.1	1.5	0.5
767	1/16/2015 13:31:12	11.95	47.83	31.08	8.25	8.01	5.0	1.918	92.9	2.4	1.7	0.6
768	1/16/2015 13:46:12	12.09	47.70	30.99	8.52	8.04	5.2	1.837	96.2	2.7	1.9	0.6
769	1/16/2015 14:01:12	12.11	47.53	30.87	8.52	8.04	5.1	1.781	96.2	2.4	1.7	0.6
770	1/16/2015 14:16:13	12.16	47.25	30.67	8.60	8.06	5.6	1.691	97.1	2.3	1.6	0.5
771	1/16/2015 14:31:13	12.10	47.27	30.69	8.48	8.05	6.3	1.669	95.7	3.2	2.2	0.7
772	1/16/2015 14:46:12	12.09	47.21	30.64	8.39	8.05	6.8	1.642	94.5	2.9	2.0	0.7
773	1/16/2015 15:01:12	12.14	47.34	30.74	8.42	8.05	5.9	1.641	95.0	2.9	2.0	0.7
774	1/16/2015 15:16:12	12.02	47.16	30.60	8.27	8.03	5.4	1.652	93.0	3.2	2.2	0.8
775	1/16/2015 15:31:13	12.00	47.04	30.52	8.24	8.01	5.1	1.705	92.6	3.2	2.2	0.8
776	1/16/2015 15:46:11	11.97	47.17	30.61	8.11	8.00	5.0	1.751	91.1	2.6	1.8	0.6
777	1/16/2015 16:01:12	11.93	47.26	30.67	8.08	7.99	5.1	1.832	90.7	2.6	1.8	0.6
778	1/16/2015 16:16:11	11.95	47.08	30.54	8.06	7.99	5.2	1.890	90.6	2.9	2.0	0.7
779	1/16/2015 16:31:12	11.93	47.12	30.57	8.01	7.98	5.2	1.972	89.9	2.4	1.7	0.6
780	1/16/2015 16:46:12	11.93	47.11	30.56	7.98	7.98	5.0	2.057	89.5	2.2	1.5	0.5
781	1/16/2015 17:01:12	11.91	47.16	30.59	8.03	7.98	5.1	2.132	90.1	2.5	1.8	0.6
782	1/16/2015 17:16:12	11.90	47.22	30.64	8.16	7.98	4.7	2.193	91.6	2.3	1.6	0.5
783	1/16/2015 17:31:13	11.86	47.46	30.81	7.90	7.98	4.6	2.278	88.7	2.3	1.6	0.5
784	1/16/2015 17:46:12	11.82	47.54	30.87	7.86	7.97	4.3	2.351	88.2	2.2	1.5	0.5
785	1/16/2015 18:01:12	11.81	47.64	30.94	7.81	7.97	4.3	2.403	87.6	2.2	1.5	0.5
786	1/16/2015 18:16:12	11.77	47.78	31.03	7.78	7.97	4.3	2.484	87.3	2.3	1.6	0.5
787	1/16/2015 18:31:13	11.75	47.85	31.09	7.79	7.97	4.6	2.551	87.4	2.7	1.9	0.6
788	1/16/2015 18:46:13	11.74	47.87	31.10	7.71	7.97	4.7	2.611	86.6	2.1	1.5	0.5
789	1/16/2015 19:01:12	11.74	47.87	31.10	7.73	7.97	5.0	2.676	86.7	2.5	1.8	0.6
790	1/16/2015 19:16:12	11.73	48.09	31.26	7.71	7.97	4.6	2.748	86.5	2.0	1.4	0.5
791	1/16/2015 19:31:12	11.73	48.04	31.22	7.96	7.97	4.1	2.806	89.4	2.5	1.8	0.6
792	1/16/2015 19:46:12	11.74	48.03	31.22	7.68	7.97	4.2	2.870	86.2	2.4	1.7	0.6
793	1/16/2015 20:01:12	11.74	48.16	31.31	7.69	7.97	4.3	2.930	86.4	2.1	1.5	0.5
794	1/16/2015 20:16:12	11.74	48.14	31.30	7.67	7.97	4.2	2.998	86.1	2.6	1.8	0.6
795	1/16/2015 20:31:12	11.76	48.26	31.39	7.68	7.98	4.1	3.044	86.3	2.7	1.9	0.6
796	1/16/2015 20:46:12	11.77	48.29	31.41	7.67	7.98	5.0	3.079	86.2	2.5	1.8	0.6
797	1/16/2015 21:01:12	11.78	48.36	31.46	7.67	7.98	4.2	3.123	86.3	2.3	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 = 0.7)	Fluorescence %FS
798	1/16/2015 21:16:12	11.79	48.40	31.49	7.74	7.99	3.8	3.136	87.1	2.5	1.8	0.6
799	1/16/2015 21:31:13	11.78	48.24	31.37	7.57	7.97	4.0	3.161	85.1	2.3	1.6	0.5
800	1/16/2015 21:46:13	11.78	48.30	31.41	7.58	7.97	3.9	3.166	85.3	2.6	1.8	0.6
801	1/16/2015 22:01:12	11.78	48.30	31.41	7.59	7.98	3.4	3.167	85.4	2.3	1.6	0.5
802	1/16/2015 22:16:13	11.79	48.44	31.52	7.63	7.98	3.9	3.131	85.9	2.2	1.5	0.5
803	1/16/2015 22:31:12	11.79	48.31	31.42	7.60	7.98	3.7	3.096	85.5	2.2	1.5	0.5
804	1/16/2015 22:46:12	11.79	48.11	31.27	7.53	7.96	4.3	3.062	84.7	2.3	1.6	0.5
805	1/16/2015 23:01:11	11.79	48.03	31.22	7.54	7.96	4.2	3.005	84.8	1.9	1.3	0.4
806	1/16/2015 23:16:12	11.79	48.11	31.27	7.56	7.97	3.9	2.967	85.0	2.1	1.5	0.5
807	1/16/2015 23:31:12	11.76	48.29	31.40	7.55	7.96	3.9	2.899	84.9	2.4	1.7	0.6
808	1/16/2015 23:46:13	11.77	48.11	31.28	7.56	7.97	3.6	2.856	85.0	2.2	1.5	0.5
809	1/17/2015 00:01:12	11.77	48.06	31.24	7.54	7.96	4.0	2.795	84.7	2.4	1.7	0.6
810	1/17/2015 00:16:12	11.78	47.97	31.17	7.53	7.96	3.9	2.748	84.5	2.6	1.8	0.6
811	1/17/2015 00:31:12	11.78	47.95	31.16	7.47	7.95	4.3	2.722	84.0	1.7	1.2	0.4
812	1/17/2015 00:46:13	11.79	47.93	31.15	7.48	7.95	4.0	2.665	84.1	2.6	1.8	0.6
813	1/17/2015 01:01:12	11.80	47.86	31.10	7.49	7.95	3.9	2.618	84.1	2.1	1.5	0.5
814	1/17/2015 01:16:13	11.80	47.79	31.04	7.51	7.95	3.6	2.604	84.4	1.8	1.3	0.4
815	1/17/2015 01:31:12	11.81	47.73	31.00	7.53	7.95	3.5	2.572	84.5	1.6	1.1	0.4
816	1/17/2015 01:46:13	11.82	47.63	30.93	7.44	7.94	3.7	2.561	83.5	2.4	1.7	0.6
817	1/17/2015 02:01:13	11.82	47.60	30.91	7.39	7.94	3.1	2.553	83.0	2.6	1.8	0.6
818	1/17/2015 02:16:13	11.81	47.73	31.01	7.46	7.94	3.5	2.557	83.7	2.2	1.5	0.5
819	1/17/2015 02:31:12	11.80	47.77	31.03	7.45	7.94	3.6	2.565	83.7	2.6	1.8	0.6
820	1/17/2015 02:46:13	11.80	47.82	31.06	7.40	7.94	3.7	2.576	83.1	1.8	1.3	0.4
821	1/17/2015 03:01:13	11.80	47.81	31.06	7.45	7.94	3.6	2.615	83.6	1.9	1.3	0.4
822	1/17/2015 03:16:12	11.80	47.87	31.10	7.43	7.94	3.7	2.652	83.4	1.8	1.3	0.4
823	1/17/2015 03:31:13	11.80	47.79	31.04	7.46	7.95	3.6	2.704	83.8	2.0	1.4	0.5
824	1/17/2015 03:46:12	11.80	47.79	31.04	7.47	7.95	3.7	2.744	83.9	1.8	1.3	0.4
825	1/17/2015 04:01:12	11.80	47.87	31.10	7.48	7.95	4.2	2.809	84.0	1.8	1.3	0.4
826	1/17/2015 04:16:12	11.80	47.90	31.13	7.48	7.95	4.3	2.872	84.1	1.7	1.2	0.4
827	1/17/2015 04:31:13	11.81	48.13	31.29	7.54	7.96	4.4	2.936	84.8	2.2	1.5	0.5
828	1/17/2015 04:46:13	11.82	48.30	31.42	7.58	7.97	4.5	3.005	85.3	2.0	1.4	0.5
829	1/17/2015 05:01:13	11.84	48.51	31.57	7.66	7.99	4.7	3.081	86.3	2.4	1.7	0.6
830	1/17/2015 05:16:13	11.87	48.62	31.65	7.71	8.00	4.0	3.163	87.0	2.4	1.7	0.6
831	1/17/2015 05:31:12	11.87	48.75	31.74	7.74	8.00	4.7	3.240	87.4	2.3	1.6	0.5
832	1/17/2015 05:46:12	11.89	48.77	31.76	7.75	8.01	4.7	3.328	87.6	1.8	1.3	0.4
833	1/17/2015 06:01:12	11.93	48.99	31.92	7.79	8.02	5.9	3.404	88.2	2.0	1.4	0.5
834	1/17/2015 06:16:11	11.98	49.15	32.04	7.86	8.03	6.1	3.486	89.2	2.3	1.6	0.5
835	1/17/2015 06:31:13	12.06	49.40	32.22	7.90	8.04	6.5	3.566	89.9	2.6	1.8	0.6
836	1/17/2015 06:46:13	12.13	49.39	32.22	7.96	8.06	6.8	3.638	90.7	2.3	1.6	0.5
837	1/17/2015 07:01:13	12.19	49.53	32.32	7.99	8.07	7.1	3.732	91.2	2.4	1.7	0.6
838	1/17/2015 07:16:13	12.23	49.74	32.48	8.02	8.07	5.3	3.784	91.7	2.7	1.9	0.6
839	1/17/2015 07:31:12	12.26	49.47	32.28	8.04	8.07	5.0	3.842	91.9	2.3	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 = 0.7)	Fluorescence %FS
840	1/17/2015 07:46:12	12.31	49.65	32.41	8.05	8.08	4.2	3.913	92.2	1.9	1.3	0.5
841	1/17/2015 08:01:12	12.34	49.63	32.40	8.04	8.08	3.8	3.950	92.1	2.1	1.5	0.5
842	1/17/2015 08:16:12	12.39	49.72	32.47	8.08	8.09	3.9	3.982	92.7	1.5	1.1	0.3
843	1/17/2015 08:31:12	12.39	49.65	32.42	8.06	8.09	3.6	4.003	92.4	1.9	1.3	0.4
844	1/17/2015 08:46:12	12.30	49.54	32.34	7.96	8.07	3.6	4.001	91.1	1.5	1.1	0.4
845	1/17/2015 09:01:12	12.30	49.53	32.33	7.97	8.07	3.8	4.002	91.2	1.6	1.1	0.4
846	1/17/2015 09:16:11	12.34	49.55	32.35	7.99	8.08	4.2	3.956	91.5	1.5	1.1	0.4
847	1/17/2015 09:31:12	12.33	49.56	32.35	7.99	8.08	4.3	3.899	91.5	1.8	1.3	0.4
848	1/17/2015 09:46:13	12.18	49.34	32.18	7.97	8.05	4.1	3.845	90.9	2.0	1.4	0.5
849	1/17/2015 10:01:13	12.18	49.27	32.14	7.95	8.04	3.4	3.771	90.7	1.8	1.3	0.4
850	1/17/2015 10:16:12	12.18	49.18	32.07	7.98	8.04	3.4	3.669	90.9	2.0	1.4	0.5
851	1/17/2015 10:31:12	12.17	48.98	31.92	7.92	8.04	3.2	3.571	90.1	2.2	1.5	0.5
852	1/17/2015 10:46:13	12.10	48.90	31.86	7.92	8.02	3.7	3.468	90.0	1.7	1.2	0.4
853	1/17/2015 11:01:13	12.08	48.67	31.69	7.77	8.00	4.1	3.372	88.1	1.9	1.3	0.4
854	1/17/2015 11:16:12	12.10	48.64	31.68	7.81	8.01	3.6	3.265	88.6	2.0	1.4	0.5
855	1/17/2015 11:31:12	12.11	48.62	31.66	7.81	8.01	3.4	3.144	88.6	2.4	1.7	0.6
856	1/17/2015 11:46:12	12.11	48.42	31.51	7.81	7.99	3.1	3.042	88.5	1.9	1.3	0.5
857	1/17/2015 12:01:12	12.15	48.35	31.46	7.85	8.00	3.3	2.923	89.1	2.5	1.8	0.6
858	1/17/2015 12:16:12	12.19	48.47	31.56	7.90	8.00	3.5	2.799	89.8	2.2	1.5	0.5
859	1/17/2015 12:31:12	12.15	48.22	31.37	7.80	7.99	4.5	2.668	88.5	2.0	1.4	0.5
860	1/17/2015 12:46:13	12.31	48.52	31.60	8.10	8.02	4.2	2.560	92.3	2.5	1.8	0.6
861	1/17/2015 13:01:13	12.32	48.03	31.24	8.04	8.01	4.5	2.436	91.4	2.2	1.5	0.5
862	1/17/2015 13:16:12	12.29	47.92	31.16	7.91	8.00	5.6	2.295	89.8	2.3	1.6	0.5
863	1/17/2015 13:31:12	12.38	47.85	31.12	8.13	8.02	5.1	2.168	92.5	2.5	1.8	0.6
864	1/17/2015 13:46:13	12.32	47.54	30.89	8.07	8.00	5.1	2.046	91.6	2.7	1.9	0.6
865	1/17/2015 14:01:12	12.42	47.51	30.87	8.30	8.02	4.7	1.921	94.4	2.8	2.0	0.7
866	1/17/2015 14:16:13	12.51	47.50	30.87	8.44	8.04	4.7	1.794	96.1	2.5	1.8	0.6
867	1/17/2015 14:31:13	12.55	47.35	30.76	8.36	8.04	5.0	1.692	95.2	2.5	1.8	0.6
868	1/17/2015 14:46:12	12.54	47.08	30.56	8.19	8.02	4.5	1.598	93.2	3.2	2.2	0.7
869	1/17/2015 15:01:13	12.60	47.07	30.56	8.17	8.03	4.5	1.521	93.0	2.7	1.9	0.6
870	1/17/2015 15:16:13	12.63	46.94	30.47	8.20	8.03	4.2	1.476	93.3	2.6	1.8	0.6
871	1/17/2015 15:31:13	12.66	46.87	30.42	8.15	8.03	4.1	1.448	92.8	2.4	1.7	0.6
872	1/17/2015 15:46:12	12.66	46.94	30.47	8.20	8.03	4.4	1.443	93.4	3.3	2.3	0.8
873	1/17/2015 16:01:13	12.62	46.92	30.46	8.13	8.02	4.1	1.473	92.5	2.9	2.0	0.7
874	1/17/2015 16:16:13	12.58	46.98	30.50	8.06	8.01	4.2	1.533	91.7	3.2	2.2	0.8
875	1/17/2015 16:31:13	12.56	46.84	30.40	7.92	7.99	4.2	1.594	90.0	3.1	2.2	0.7
876	1/17/2015 16:46:12	12.56	46.79	30.36	7.87	7.98	4.5	1.675	89.4	2.8	2.0	0.7
877	1/17/2015 17:01:12	12.51	46.81	30.37	7.87	7.98	4.5	1.757	89.4	2.8	2.0	0.7
878	1/17/2015 17:16:13	12.50	46.68	30.27	7.80	7.96	4.9	1.843	88.5	3.1	2.2	0.7
879	1/17/2015 17:31:13	12.50	46.62	30.24	7.78	7.96	4.7	1.915	88.2	2.5	1.8	0.6
880	1/17/2015 17:46:13	12.49	46.67	30.27	7.78	7.96	4.5	1.995	88.2	2.9	2.0	0.7
881	1/17/2015 18:01:12	12.47	46.83	30.38	7.77	7.96	4.3	2.091	88.2	2.7	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 = 0.7)	Fluorescence %FS
882	1/17/2015 18:16:12	12.42	47.02	30.52	7.83	7.96	4.7	2.177	88.8	2.5	1.8	0.6
883	1/17/2015 18:31:12	12.33	47.40	30.79	7.77	7.96	4.5	2.245	88.1	2.3	1.6	0.5
884	1/17/2015 18:46:12	12.27	47.62	30.94	7.66	7.96	4.7	2.330	86.9	2.7	1.9	0.6
885	1/17/2015 19:01:12	12.24	47.44	30.81	7.67	7.96	4.7	2.427	86.8	2.3	1.6	0.5
886	1/17/2015 19:16:12	12.23	47.59	30.92	7.68	7.96	4.5	2.496	86.9	2.0	1.4	0.5
887	1/17/2015 19:31:12	12.21	47.71	31.01	7.68	7.96	4.6	2.584	87.0	2.7	1.9	0.6
888	1/17/2015 19:46:12	12.19	47.74	31.03	7.68	7.96	5.3	2.660	87.0	1.9	1.3	0.5
889	1/17/2015 20:01:12	12.19	47.74	31.03	7.68	7.96	5.1	2.742	86.9	2.3	1.6	0.5
890	1/17/2015 20:16:13	12.19	48.02	31.23	7.66	7.97	5.3	2.819	86.8	2.3	1.6	0.5
891	1/17/2015 20:31:12	12.19	48.10	31.29	7.67	7.97	5.6	2.899	87.0	2.1	1.5	0.5
892	1/17/2015 20:46:12	12.21	48.07	31.27	7.69	7.98	6.2	2.978	87.2	2.3	1.6	0.5
893	1/17/2015 21:01:12	12.22	48.29	31.42	7.70	7.98	7.2	3.039	87.5	2.7	1.9	0.6
894	1/17/2015 21:16:13	12.24	48.51	31.58	7.72	7.99	6.8	3.114	87.8	2.8	2.0	0.7
895	1/17/2015 21:31:13	12.28	48.42	31.52	7.77	8.01	6.2	3.173	88.5	2.5	1.8	0.6
896	1/17/2015 21:46:12	12.33	48.55	31.62	7.80	8.01	5.1	3.233	88.9	2.2	1.5	0.5
897	1/17/2015 22:01:12	12.34	48.57	31.63	7.80	8.01	4.9	3.281	89.0	2.5	1.8	0.6
898	1/17/2015 22:16:12	12.37	48.57	31.64	7.79	8.02	4.5	3.296	88.8	2.3	1.6	0.5
899	1/17/2015 22:31:12	12.34	48.43	31.53	7.73	8.01	4.2	3.312	88.0	2.1	1.5	0.5
900	1/17/2015 22:46:13	12.38	48.75	31.77	7.77	8.02	3.9	3.324	88.8	1.9	1.3	0.4
901	1/17/2015 23:01:13	12.35	48.15	31.33	7.72	7.99	4.2	3.296	87.8	2.1	1.5	0.5
902	1/17/2015 23:16:13	12.36	48.25	31.40	7.83	7.98	3.9	3.246	89.2	2.1	1.5	0.5
903	1/17/2015 23:31:12	12.35	47.88	31.14	7.70	7.97	4.2	3.209	87.6	2.3	1.6	0.5
904	1/17/2015 23:46:12	12.33	47.78	31.06	7.63	7.96	4.2	3.162	86.7	1.8	1.3	0.4
905	1/18/2015 00:01:13	12.30	48.13	31.31	7.64	7.97	4.5	3.103	86.8	2.3	1.6	0.5
906	1/18/2015 00:16:13	12.31	48.09	31.28	7.66	7.98	4.6	3.024	87.1	2.0	1.4	0.5
907	1/18/2015 00:31:13	12.32	48.06	31.27	7.61	7.97	4.9	2.973	86.6	1.9	1.3	0.5
908	1/18/2015 00:46:12	12.33	47.91	31.16	7.57	7.96	5.1	2.906	86.0	2.3	1.6	0.5
909	1/18/2015 01:01:12	12.37	47.81	31.08	7.56	7.96	4.3	2.853	86.0	2.2	1.5	0.5
910	1/18/2015 01:16:13	12.35	47.71	31.01	7.57	7.95	4.5	2.787	86.0	1.8	1.3	0.4
911	1/18/2015 01:31:13	12.35	47.71	31.01	7.51	7.95	4.0	2.737	85.3	2.0	1.4	0.5
912	1/18/2015 01:46:13	12.38	47.66	30.97	7.59	7.95	3.8	2.684	86.2	1.9	1.3	0.4
913	1/18/2015 02:01:12	12.40	47.48	30.85	7.74	7.95	3.7	2.647	87.9	2.4	1.7	0.6
914	1/18/2015 02:16:13	12.42	47.50	30.86	7.59	7.95	3.6	2.607	86.2	1.8	1.3	0.4
915	1/18/2015 02:31:13	12.47	47.22	30.66	7.60	7.95	3.4	2.561	86.3	1.9	1.3	0.5
916	1/18/2015 02:46:13	12.47	47.32	30.73	7.53	7.94	3.4	2.559	85.5	2.0	1.4	0.5
917	1/18/2015 03:01:12	12.39	47.29	30.71	7.44	7.94	3.1	2.537	84.4	2.2	1.5	0.5
918	1/18/2015 03:16:12	12.39	47.53	30.88	7.44	7.94	3.3	2.522	84.5	1.6	1.1	0.4
919	1/18/2015 03:31:12	12.35	47.57	30.91	7.42	7.94	3.3	2.534	84.2	1.8	1.3	0.4
920	1/18/2015 03:46:12	12.35	47.59	30.93	7.45	7.94	3.4	2.572	84.5	1.8	1.3	0.4
921	1/18/2015 04:01:12	12.35	47.62	30.95	7.45	7.94	4.0	2.589	84.6	2.0	1.4	0.5
922	1/18/2015 04:16:13	12.37	47.55	30.89	7.45	7.94	4.7	2.618	84.6	2.1	1.5	0.5
923	1/18/2015 04:31:13	12.42	47.26	30.69	7.50	7.94	4.3	2.690	85.2	1.8	1.3	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 = 0.7)	Fluorescence %FS
924	1/18/2015 04:46:12	12.46	47.24	30.68	7.56	7.94	4.6	2.756	85.9	2.0	1.4	0.5
925	1/18/2015 05:01:12	12.36	47.59	30.93	7.52	7.95	4.3	2.808	85.4	1.7	1.2	0.4
926	1/18/2015 05:16:12	12.35	47.78	31.07	7.51	7.95	4.8	2.886	85.4	2.5	1.8	0.6
927	1/18/2015 05:31:12	12.36	47.86	31.12	7.57	7.96	5.1	2.960	86.1	2.1	1.5	0.5
928	1/18/2015 05:46:12	12.37	47.85	31.11	7.60	7.97	4.5	3.033	86.4	2.1	1.5	0.5
929	1/18/2015 06:01:13	12.39	48.04	31.25	7.66	7.98	5.1	3.100	87.2	2.2	1.5	0.5
930	1/18/2015 06:16:12	12.38	48.10	31.29	7.70	7.99	4.5	3.195	87.6	1.6	1.1	0.4
931	1/18/2015 06:31:12	12.38	48.31	31.44	7.71	7.99	4.6	3.276	87.9	2.2	1.5	0.5
932	1/18/2015 06:46:13	12.41	48.31	31.45	7.74	8.00	5.3	3.361	88.3	1.8	1.3	0.4
933	1/18/2015 07:01:13	12.46	48.52	31.60	7.79	8.02	5.5	3.450	89.1	1.7	1.2	0.4
934	1/18/2015 07:16:12	12.51	48.74	31.76	7.86	8.03	6.3	3.551	90.0	1.9	1.3	0.5
935	1/18/2015 07:31:13	12.54	48.82	31.83	7.89	8.05	6.9	3.633	90.5	2.2	1.5	0.5
936	1/18/2015 07:46:13	12.59	49.16	32.07	7.95	8.06	6.9	3.714	91.4	2.3	1.6	0.5
937	1/18/2015 08:01:13	12.64	49.30	32.18	8.06	8.07	6.4	3.803	92.8	2.6	1.8	0.6
938	1/18/2015 08:16:12	12.67	49.28	32.16	8.00	8.08	5.9	3.882	92.1	2.0	1.4	0.5
939	1/18/2015 08:31:12	12.71	49.40	32.25	8.01	8.08	5.0	3.958	92.4	1.8	1.3	0.4
940	1/18/2015 08:46:12	12.73	49.42	32.27	8.01	8.09	5.8	4.012	92.5	2.2	1.5	0.5
941	1/18/2015 09:01:12	12.75	49.43	32.27	8.02	8.09	5.1	4.053	92.6	1.8	1.3	0.4
942	1/18/2015 09:16:12	12.76	49.59	32.39	7.99	8.09	3.6	4.089	92.3	2.1	1.5	0.5
943	1/18/2015 09:31:13	12.76	49.54	32.36	7.99	8.10	3.6	4.109	92.4	1.4	1.0	0.3
944	1/18/2015 09:46:12	12.70	49.29	32.17	7.90	8.07	3.4	4.104	91.0	1.7	1.2	0.4
945	1/18/2015 10:01:12	12.71	49.32	32.19	7.96	8.08	5.3	4.077	91.7	1.8	1.3	0.4
946	1/18/2015 10:16:13	12.76	49.51	32.33	7.98	8.09	4.0	4.038	92.2	1.7	1.2	0.4
947	1/18/2015 10:31:13	12.70	49.09	32.02	8.09	8.07	4.6	3.959	93.1	1.8	1.3	0.4
948	1/18/2015 10:46:12	12.72	48.75	31.78	8.06	8.05	4.1	3.870	92.7	1.8	1.3	0.4
949	1/18/2015 11:01:13	12.71	48.57	31.65	7.96	8.04	3.9	3.782	91.5	1.3	0.9	0.3
950	1/18/2015 11:16:13	12.70	48.62	31.68	8.01	8.04	3.8	3.676	92.1	1.7	1.2	0.4
951	1/18/2015 11:31:13	12.67	48.31	31.46	7.82	8.01	5.3	3.553	89.7	2.0	1.4	0.5
952	1/18/2015 11:46:12	12.71	47.89	31.16	7.86	8.00	4.2	3.431	90.1	1.9	1.3	0.5
953	1/18/2015 12:01:12	12.77	48.00	31.24	7.91	8.01	4.2	3.318	90.8	1.8	1.3	0.4
954	1/18/2015 12:16:12	12.78	47.88	31.15	7.86	8.00	4.2	3.197	90.1	2.0	1.4	0.5
955	1/18/2015 12:31:12	12.82	48.01	31.25	8.03	8.01	4.3	3.057	92.2	2.1	1.5	0.5
956	1/18/2015 12:46:12	12.83	48.06	31.28	8.03	8.02	4.7	2.931	92.3	1.9	1.3	0.4
957	1/18/2015 13:01:13	12.84	48.05	31.28	8.00	8.02	4.8	2.793	92.0	1.7	1.2	0.4
958	1/18/2015 13:16:12	12.80	47.56	30.92	7.93	7.99	5.2	2.660	90.8	1.9	1.3	0.4
959	1/18/2015 13:31:12	12.87	47.98	31.23	8.14	8.03	4.3	2.528	93.6	1.5	1.1	0.3
960	1/18/2015 13:46:12	12.82	47.53	30.90	8.05	8.00	5.1	2.365	92.3	2.0	1.4	0.5
961	1/18/2015 14:01:13	12.85	47.34	30.77	8.10	7.99	5.7	2.235	92.8	2.2	1.5	0.5
962	1/18/2015 14:16:13	12.92	47.22	30.68	8.17	8.00	5.8	2.084	93.7	1.9	1.3	0.4
963	1/18/2015 14:31:13	13.02	47.18	30.66	8.32	8.02	5.6	1.941	95.6	2.6	1.8	0.6
964	1/18/2015 14:46:13	13.05	47.05	30.56	8.35	8.01	5.2	1.789	96.0	2.4	1.7	0.6
965	1/18/2015 15:01:13	13.14	46.84	30.41	8.29	8.02	5.0	1.636	95.4	1.9	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 = 0.7)	Fluorescence %FS
966	1/18/2015 15:16:12	13.19	46.60	30.25	8.33	8.02	4.8	1.529	95.8	2.5	1.8	0.6
967	1/18/2015 15:31:11	13.26	46.55	30.21	8.41	8.03	4.6	1.418	96.8	2.3	1.6	0.5
968	1/18/2015 15:46:13	13.32	46.50	30.18	8.48	8.04	5.0	1.301	97.7	2.8	2.0	0.7
969	1/18/2015 16:01:13	13.37	46.41	30.11	8.53	8.05	5.2	1.259	98.4	2.3	1.6	0.5
970	1/18/2015 16:16:13	13.31	46.57	30.23	8.55	8.04	5.1	1.219	98.6	2.6	1.8	0.6
971	1/18/2015 16:31:12	13.34	46.28	30.02	8.46	8.04	4.9	1.246	97.5	2.8	2.0	0.7
972	1/18/2015 16:46:13	13.30	46.39	30.09	8.40	8.03	4.6	1.318	96.8	2.8	2.0	0.7
973	1/18/2015 17:01:12	13.26	46.47	30.15	8.35	8.02	5.0	1.387	96.1	2.4	1.7	0.6
974	1/18/2015 17:16:12	13.23	46.38	30.09	8.28	8.01	4.8	1.484	95.2	2.0	1.4	0.5
975	1/18/2015 17:31:12	13.27	45.22	29.25	8.09	7.98	5.9	1.543	92.6	2.9	2.0	0.7
976	1/18/2015 17:46:12	13.29	44.93	29.05	8.00	7.96	6.7	1.646	91.6	3.2	2.2	0.8
977	1/18/2015 18:01:12	13.25	45.28	29.29	8.00	7.97	6.1	1.718	91.6	3.2	2.2	0.7
978	1/18/2015 18:16:12	13.22	45.28	29.30	8.01	7.97	5.7	1.787	91.7	2.9	2.0	0.7
979	1/18/2015 18:31:11	13.20	45.43	29.40	8.02	7.97	5.2	1.897	91.8	2.6	1.8	0.6
980	1/18/2015 18:46:13	13.18	45.71	29.60	7.99	7.97	5.3	1.963	91.5	2.7	1.9	0.6
981	1/18/2015 19:01:12	13.10	46.09	29.88	7.92	7.97	5.0	2.049	90.8	2.6	1.8	0.6
982	1/18/2015 19:16:12	13.02	46.34	30.05	7.88	7.96	5.5	2.134	90.2	2.7	1.9	0.6
983	1/18/2015 19:31:13	12.92	46.78	30.36	7.79	7.96	5.8	2.249	89.2	2.2	1.5	0.5
984	1/18/2015 19:46:12	12.88	46.87	30.43	7.76	7.95	6.2	2.353	88.8	1.8	1.3	0.4
985	1/18/2015 20:01:12	12.85	46.92	30.46	7.76	7.96	6.0	2.445	88.7	2.2	1.5	0.5
986	1/18/2015 20:16:12	12.84	47.11	30.60	7.78	7.96	6.2	2.550	89.1	2.1	1.5	0.5
987	1/18/2015 20:31:13	12.79	46.94	30.47	7.79	7.96	6.4	2.654	89.0	2.8	2.0	0.7
988	1/18/2015 20:46:13	12.75	47.19	30.65	7.79	7.97	7.8	2.742	89.0	2.4	1.7	0.6
989	1/18/2015 21:01:12	12.76	47.27	30.71	7.80	7.97	8.6	2.838	89.2	2.4	1.7	0.6
990	1/18/2015 21:16:12	12.75	47.34	30.76	7.76	7.97	9.9	2.915	88.8	2.3	1.6	0.5
991	1/18/2015 21:31:12	12.74	47.60	30.95	7.80	7.99	10.6	2.996	89.3	2.5	1.8	0.6
992	1/18/2015 21:46:13	12.76	47.81	31.10	7.82	8.00	10.0	3.095	89.6	2.7	1.9	0.6
993	1/18/2015 22:01:13	12.81	48.18	31.37	7.87	8.02	10.4	3.180	90.5	2.8	2.0	0.6
994	1/18/2015 22:16:13	12.85	48.48	31.59	7.91	8.03	9.5	3.235	91.1	2.6	1.8	0.6
995	1/18/2015 22:31:13	12.87	48.57	31.65	8.00	8.04	8.1	3.300	92.2	2.2	1.5	0.5
996	1/18/2015 22:46:13	12.87	48.62	31.69	7.94	8.04	7.5	3.372	91.5	2.6	1.8	0.6
997	1/18/2015 23:01:13	12.87	48.66	31.72	7.93	8.04	7.1	3.401	91.5	2.6	1.8	0.6
998	1/18/2015 23:16:13	12.86	48.66	31.72	7.89	8.04	5.6	3.415	91.0	2.1	1.5	0.5
999	1/18/2015 23:31:13	12.86	48.52	31.62	7.88	8.03	5.9	3.434	90.8	2.0	1.4	0.5
1000	1/18/2015 23:46:12	12.85	48.57	31.65	7.82	8.03	5.9	3.423	90.1	2.0	1.4	0.5
1001	1/19/2015 00:01:12	12.85	48.60	31.68	7.88	8.03	6.1	3.363	90.8	1.9	1.3	0.4
1002	1/19/2015 00:16:12	12.55	47.38	30.78	7.65	7.97	6.4	3.310	87.2	2.2	1.5	0.5
1003	1/19/2015 00:31:12	12.56	47.31	30.73	7.66	7.96	6.0	3.263	87.3	1.9	1.3	0.4
1004	1/19/2015 00:46:12	12.53	47.70	31.01	7.75	7.98	5.3	3.192	88.3	2.2	1.5	0.5
1005	1/19/2015 01:01:13	12.55	47.39	30.79	7.68	7.97	5.4	3.105	87.4	1.5	1.1	0.3
1006	1/19/2015 01:16:13	12.56	47.27	30.70	7.64	7.96	5.2	3.016	87.0	1.9	1.3	0.4
1007	1/19/2015 01:31:12	12.55	47.21	30.66	7.56	7.95	4.8	2.942	86.0	2.3	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 = 0.7)	Fluorescence %FS
1008	1/19/2015 01:46:12	12.53	47.16	30.62	7.60	7.95	4.5	2.872	86.4	2.2	1.5	0.5
1009	1/19/2015 02:01:12	12.52	47.09	30.57	7.61	7.95	4.5	2.789	86.5	2.1	1.5	0.5
1010	1/19/2015 02:16:12	12.47	47.19	30.64	7.60	7.95	4.4	2.723	86.4	2.1	1.5	0.5
1011	1/19/2015 02:31:12	12.48	46.92	30.45	7.59	7.95	4.8	2.657	86.2	2.4	1.7	0.6
1012	1/19/2015 02:46:12	12.45	46.67	30.27	7.59	7.94	4.1	2.606	86.0	1.9	1.3	0.4
1013	1/19/2015 03:01:12	12.51	46.45	30.11	7.52	7.93	4.0	2.542	85.2	1.9	1.3	0.5
1014	1/19/2015 03:16:13	12.44	46.35	30.04	7.54	7.94	3.8	2.488	85.2	2.0	1.4	0.5
1015	1/19/2015 03:31:13	12.36	46.61	30.22	7.51	7.93	3.9	2.433	84.9	1.9	1.3	0.4
1016	1/19/2015 03:46:12	12.45	46.25	29.96	7.45	7.93	3.9	2.433	84.3	2.0	1.4	0.5
1017	1/19/2015 04:01:11	12.42	46.22	29.94	7.40	7.92	3.8	2.413	83.6	2.1	1.5	0.5
1018	1/19/2015 04:16:12	12.48	46.47	30.13	7.40	7.92	3.8	2.402	83.8	1.9	1.3	0.4
1019	1/19/2015 04:31:13	12.52	46.62	30.23	7.41	7.93	4.5	2.431	84.1	2.0	1.4	0.5
1020	1/19/2015 04:46:12	12.52	46.59	30.21	7.46	7.93	4.6	2.462	84.6	1.9	1.3	0.4
1021	1/19/2015 05:01:13	12.44	46.55	30.18	7.57	7.93	4.6	2.509	85.7	1.8	1.3	0.4
1022	1/19/2015 05:16:13	12.41	46.44	30.10	7.48	7.93	4.8	2.574	84.6	1.9	1.3	0.5
1023	1/19/2015 05:31:13	12.46	46.51	30.15	7.49	7.93	5.5	2.629	84.8	2.3	1.6	0.5
1024	1/19/2015 05:46:13	12.50	46.72	30.30	7.51	7.94	5.6	2.711	85.2	2.2	1.5	0.5
1025	1/19/2015 06:01:12	12.53	46.72	30.30	7.57	7.95	5.6	2.785	86.0	2.1	1.5	0.5
1026	1/19/2015 06:16:12	12.51	46.60	30.22	7.58	7.95	5.1	2.866	86.0	2.3	1.6	0.5
1027	1/19/2015 06:31:12	12.60	47.44	30.83	7.74	7.97	6.2	2.952	88.3	1.9	1.3	0.4
1028	1/19/2015 06:46:12	12.62	47.75	31.05	7.71	7.99	5.9	3.030	88.1	2.2	1.5	0.5
1029	1/19/2015 07:01:13	12.64	47.89	31.15	7.74	8.00	6.4	3.122	88.5	1.8	1.3	0.4
1030	1/19/2015 07:16:13	12.64	47.96	31.20	7.77	8.00	6.2	3.209	88.9	2.1	1.5	0.5
1031	1/19/2015 07:31:12	12.67	47.99	31.23	7.78	8.01	8.3	3.304	89.1	2.0	1.4	0.5
1032	1/19/2015 07:46:13	12.67	48.10	31.31	7.85	8.03	10.3	3.402	89.9	2.3	1.6	0.5
1033	1/19/2015 08:01:12	12.74	48.53	31.62	7.99	8.06	12.3	3.495	91.9	1.9	1.3	0.5
1034	1/19/2015 08:16:13	12.76	48.68	31.73	8.07	8.07	9.9	3.601	92.9	2.1	1.5	0.5
1035	1/19/2015 08:31:13	12.79	49.02	31.98	8.10	8.08	10.4	3.706	93.4	2.2	1.5	0.5
1036	1/19/2015 08:46:12	12.82	49.17	32.09	8.12	8.09	8.6	3.791	93.8	2.1	1.5	0.5
1037	1/19/2015 09:01:13	12.86	49.24	32.14	8.12	8.10	7.6	3.882	93.9	1.7	1.2	0.4
1038	1/19/2015 09:16:13	12.86	49.40	32.26	8.14	8.11	8.9	3.966	94.2	1.7	1.2	0.4
1039	1/19/2015 09:31:13	12.85	49.48	32.32	8.14	8.11	7.3	4.029	94.2	1.5	1.1	0.4
1040	1/19/2015 09:46:13	12.85	49.38	32.24	8.16	8.11	6.5	4.093	94.4	1.3	0.9	0.3
1041	1/19/2015 10:01:13	12.85	49.48	32.32	8.14	8.11	5.4	4.132	94.2	1.6	1.1	0.4
1042	1/19/2015 10:16:12	12.86	49.52	32.35	8.11	8.11	4.4	4.164	93.9	1.5	1.1	0.4
1043	1/19/2015 10:31:13	12.79	49.05	32.00	8.11	8.09	4.2	4.169	93.5	1.8	1.3	0.4
1044	1/19/2015 10:46:12	12.83	49.31	32.19	8.11	8.10	5.7	4.127	93.7	2.2	1.5	0.5
1045	1/19/2015 11:01:13	12.85	49.37	32.23	8.12	8.10	5.6	4.091	93.9	1.8	1.3	0.4
1046	1/19/2015 11:16:13	12.94	49.06	32.01	8.39	8.10	6.2	4.015	97.1	1.7	1.2	0.4
1047	1/19/2015 11:31:13	12.94	48.87	31.88	8.23	8.08	5.3	3.916	95.2	1.5	1.1	0.3
1048	1/19/2015 11:46:13	12.87	48.41	31.54	8.16	8.06	4.9	3.818	94.0	1.9	1.3	0.4
1049	1/19/2015 12:01:13	12.85	48.19	31.38	8.15	8.05	4.0	3.693	93.8	1.8	1.3	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 = 0.7)	Fluorescence %FS
1050	1/19/2015 12:16:13	12.71	48.08	31.30	7.96	8.04	6.4	3.558	91.3	2.5	1.8	0.6
1051	1/19/2015 12:31:13	12.77	47.83	31.12	7.96	8.03	5.4	3.432	91.3	1.6	1.1	0.4
1052	1/19/2015 12:46:13	12.82	47.83	31.12	8.00	8.03	5.7	3.308	91.8	1.7	1.2	0.4
1053	1/19/2015 13:01:12	12.84	47.76	31.07	8.14	8.03	6.5	3.187	93.5	2.7	1.9	0.6
1054	1/19/2015 13:16:13	12.88	47.80	31.10	8.12	8.04	7.7	3.029	93.4	2.2	1.5	0.5
1055	1/19/2015 13:31:13	12.94	47.94	31.20	8.25	8.05	7.5	2.893	95.0	2.0	1.4	0.5
1056	1/19/2015 13:46:13	12.98	47.69	31.02	8.22	8.05	8.4	2.755	94.6	2.4	1.7	0.6
1057	1/19/2015 14:01:13	12.92	47.35	30.77	8.19	8.03	11.5	2.600	94.0	2.1	1.5	0.5
1058	1/19/2015 14:16:13	12.91	47.39	30.80	8.16	8.03	13.2	2.454	93.6	3.4	2.4	0.8
1059	1/19/2015 14:31:13	12.91	47.17	30.65	8.33	8.02	15.0	2.293	95.5	3.2	2.2	0.8
1060	1/19/2015 14:46:13	12.90	46.95	30.48	8.07	8.00	19.1	2.131	92.4	3.4	2.4	0.8
1061	1/19/2015 15:01:12	12.90	46.73	30.33	7.96	7.98	22.4	1.986	91.0	3.5	2.5	0.8
1062	1/19/2015 15:16:12	12.92	46.57	30.21	8.01	7.99	22.4	1.811	91.6	3.6	2.5	0.8
1063	1/19/2015 15:31:13	12.92	46.51	30.17	7.83	7.97	21.8	1.648	89.5	3.3	2.3	0.8
1064	1/19/2015 15:46:13	12.91	46.45	30.13	7.67	7.95	22.7	1.483	87.7	3.9	2.7	0.9
1065	1/19/2015 16:01:13	12.89	46.35	30.05	7.71	7.95	24.2	1.328	88.1	3.7	2.6	0.9
1066	1/19/2015 16:16:13	12.90	46.30	30.01	7.64	7.94	26.7	1.197	87.2	4.1	2.9	1.0
1067	1/19/2015 16:31:12	12.89	46.40	30.09	7.56	7.93	21.2	1.094	86.3	3.8	2.7	0.9
1068	1/19/2015 16:46:12	12.88	46.30	30.01	7.58	7.94	19.6	1.008	86.6	3.4	2.4	0.8
1069	1/19/2015 17:01:13	12.83	46.09	29.86	7.91	7.98	19.4	1.017	90.1	4.4	3.1	1.0
1070	1/19/2015 17:16:12	12.81	45.55	29.47	8.18	8.00	19.9	1.065	93.0	4.3	3.0	1.0
1071	1/19/2015 17:31:12	12.80	45.58	29.50	8.18	7.99	18.6	1.125	92.9	3.9	2.7	0.9
1072	1/19/2015 17:46:12	12.76	45.61	29.52	8.11	7.99	18.4	1.242	92.0	4.3	3.0	1.0
1073	1/19/2015 18:01:13	12.76	45.61	29.52	8.12	7.99	18.1	1.329	92.1	4.5	3.2	1.1
1074	1/19/2015 18:16:12	12.72	44.97	29.05	8.04	7.97	15.7	1.409	90.9	4.3	3.0	1.0
1075	1/19/2015 18:31:13	12.76	44.84	28.96	7.98	7.96	15.3	1.498	90.3	4.2	2.9	1.0
1076	1/19/2015 18:46:12	12.78	44.84	28.96	7.94	7.95	13.7	1.561	89.9	4.2	2.9	1.0
1077	1/19/2015 19:01:12	12.80	45.30	29.30	7.90	7.95	14.1	1.668	89.6	4.5	3.2	1.1
1078	1/19/2015 19:16:13	12.80	45.24	29.25	7.86	7.94	12.1	1.747	89.1	4.2	2.9	1.0
1079	1/19/2015 19:31:12	12.78	44.82	28.95	7.85	7.94	11.9	1.845	88.8	4.0	2.8	0.9
1080	1/19/2015 19:46:11	12.78	45.57	29.49	7.84	7.95	11.5	1.945	89.0	3.2	2.2	0.8
1081	1/19/2015 20:01:12	12.79	46.34	30.04	7.81	7.96	12.3	2.060	89.0	3.2	2.2	0.8
1082	1/19/2015 20:16:13	12.79	46.44	30.12	7.80	7.96	13.9	2.174	88.9	2.7	1.9	0.6
1083	1/19/2015 20:31:13	12.77	46.16	29.91	7.79	7.95	12.6	2.291	88.7	3.0	2.1	0.7
1084	1/19/2015 20:46:13	12.75	46.47	30.14	7.76	7.95	15.6	2.406	88.4	2.8	2.0	0.7
1085	1/19/2015 21:01:13	12.74	46.53	30.18	7.81	7.97	19.2	2.520	89.0	3.4	2.4	0.8
1086	1/19/2015 21:16:12	12.72	46.60	30.23	7.83	7.97	16.4	2.636	89.2	2.9	2.0	0.7
1087	1/19/2015 21:31:12	12.69	46.87	30.42	7.85	7.98	17.0	2.744	89.5	3.2	2.2	0.8
1088	1/19/2015 21:46:12	12.74	46.97	30.49	7.86	7.99	20.8	2.843	89.7	3.2	2.2	0.8
1089	1/19/2015 22:01:13	12.75	47.31	30.74	7.91	8.00	16.3	2.935	90.4	3.0	2.1	0.7
1090	1/19/2015 22:16:12	12.79	47.76	31.07	8.03	8.03	16.4	3.029	92.0	2.8	2.0	0.6
1091	1/19/2015 22:31:12	12.82	48.26	31.43	8.09	8.04	18.5	3.119	93.0	3.0	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 = 0.7)	Fluorescence %FS
1092	1/19/2015 22:46:13	12.82	48.35	31.50	8.11	8.05	16.9	3.201	93.4	2.7	1.9	0.6
1093	1/19/2015 23:01:13	12.82	48.36	31.50	8.13	8.06	14.1	3.282	93.6	2.5	1.8	0.6
1094	1/19/2015 23:16:12	12.80	48.65	31.71	8.20	8.07	10.7	3.357	94.4	2.6	1.8	0.6
1095	1/19/2015 23:31:12	12.79	48.95	31.93	8.19	8.08	8.9	3.404	94.4	2.3	1.6	0.5
1096	1/19/2015 23:46:13	12.79	49.05	32.00	8.17	8.09	6.6	3.458	94.3	2.3	1.6	0.5
1097	1/20/2015 00:01:13	12.79	49.13	32.06	8.14	8.09	6.2	3.485	93.9	2.2	1.5	0.5
1098	1/20/2015 00:16:13	12.78	49.01	31.97	8.14	8.08	6.3	3.486	93.8	1.9	1.3	0.4
1099	1/20/2015 00:31:12	12.78	49.07	32.02	8.13	8.08	6.3	3.465	93.8	1.9	1.3	0.4
1100	1/20/2015 00:46:12	12.54	47.97	31.21	7.95	8.03	6.6	3.419	90.8	2.9	2.0	0.7
1101	1/20/2015 01:01:13	12.53	47.94	31.19	7.93	8.03	7.8	3.342	90.6	2.3	1.6	0.5
1102	1/20/2015 01:16:13	12.47	47.44	30.82	7.95	8.01	6.7	3.273	90.4	2.6	1.8	0.6
1103	1/20/2015 01:31:12	12.45	47.41	30.80	7.88	8.00	6.9	3.180	89.6	2.7	1.9	0.6
1104	1/20/2015 01:46:12	12.39	47.19	30.64	7.87	8.00	12.6	3.089	89.3	1.9	1.3	0.5
1105	1/20/2015 02:01:13	12.43	47.25	30.68	7.75	7.99	7.6	3.010	88.0	2.1	1.5	0.5
1106	1/20/2015 02:16:12	12.40	47.07	30.55	7.70	7.97	5.7	2.920	87.3	2.6	1.8	0.6
1107	1/20/2015 02:31:11	12.41	47.05	30.54	7.75	7.98	6.2	2.835	87.9	2.2	1.5	0.5
1108	1/20/2015 02:46:12	12.38	46.98	30.49	7.73	7.97	6.1	2.752	87.5	2.7	1.9	0.6
1109	1/20/2015 03:01:12	12.30	46.79	30.34	7.75	7.97	6.1	2.679	87.5	2.4	1.7	0.6
1110	1/20/2015 03:16:13	12.24	46.58	30.19	7.71	7.96	6.3	2.597	87.0	2.3	1.6	0.5
1111	1/20/2015 03:31:13	12.18	46.54	30.16	7.74	7.96	6.8	2.520	87.2	2.4	1.7	0.6
1112	1/20/2015 03:46:13	12.18	46.27	29.97	7.67	7.95	6.5	2.446	86.2	2.5	1.8	0.6
1113	1/20/2015 04:01:12	12.21	46.10	29.85	7.66	7.95	6.4	2.400	86.1	2.2	1.5	0.5
1114	1/20/2015 04:16:13	12.15	46.20	29.91	7.64	7.95	5.6	2.345	85.9	2.6	1.8	0.6
1115	1/20/2015 04:31:12	12.12	46.07	29.82	7.63	7.94	5.6	2.299	85.6	2.3	1.6	0.5
1116	1/20/2015 04:46:12	12.17	45.91	29.71	7.60	7.94	6.0	2.278	85.3	2.5	1.8	0.6
1117	1/20/2015 05:01:12	12.12	45.86	29.67	7.55	7.94	5.9	2.268	84.6	2.5	1.8	0.6
1118	1/20/2015 05:16:12	12.16	46.09	29.84	7.58	7.94	6.0	2.266	85.1	2.3	1.6	0.5
1119	1/20/2015 05:31:13	12.18	46.16	29.89	7.59	7.94	8.5	2.290	85.3	2.3	1.6	0.5
1120	1/20/2015 05:46:13	12.22	46.17	29.90	7.62	7.95	8.5	2.357	85.7	2.7	1.9	0.6
1121	1/20/2015 06:01:13	12.12	46.28	29.97	7.64	7.95	10.0	2.385	85.8	3.3	2.3	0.8
1122	1/20/2015 06:16:13	12.02	45.98	29.76	7.68	7.95	13.4	2.477	85.9	2.6	1.8	0.6
1123	1/20/2015 06:31:13	12.00	45.87	29.67	7.69	7.95	8.7	2.548	85.9	2.5	1.8	0.6
1124	1/20/2015 06:46:13	12.15	46.43	30.08	7.67	7.96	7.5	2.633	86.3	2.1	1.5	0.5
1125	1/20/2015 07:01:12	12.25	46.76	30.33	7.74	7.97	8.2	2.717	87.4	2.4	1.7	0.6
1126	1/20/2015 07:16:12	12.37	47.19	30.64	7.80	7.99	8.8	2.798	88.4	2.6	1.8	0.6
1127	1/20/2015 07:31:12	12.42	47.25	30.69	7.85	8.00	7.8	2.886	89.1	1.8	1.3	0.4
1128	1/20/2015 07:46:12	12.47	47.57	30.91	7.90	8.01	7.5	2.975	89.9	2.5	1.8	0.6
1129	1/20/2015 08:01:13	12.47	47.59	30.93	7.90	8.01	11.4	3.074	89.9	2.3	1.6	0.5
1130	1/20/2015 08:16:12	12.52	47.97	31.21	7.96	8.03	12.2	3.170	90.8	2.9	2.0	0.7
1131	1/20/2015 08:31:12	12.53	48.09	31.29	8.01	8.04	14.2	3.272	91.4	2.2	1.5	0.5
1132	1/20/2015 08:46:12	12.52	48.35	31.48	8.07	8.06	14.3	3.385	92.2	2.1	1.5	0.5
1133	1/20/2015 09:01:13	12.52	48.74	31.77	8.08	8.07	21.9	3.494	92.5	2.1	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 = 0.7)	Fluorescence %FS
1134	1/20/2015 09:16:13	12.53	49.04	31.98	8.11	8.08	16.3	3.606	93.1	2.0	1.4	0.5
1135	1/20/2015 09:31:13	12.52	49.34	32.20	8.10	8.09	15.8	3.723	93.0	1.9	1.3	0.5
1136	1/20/2015 09:46:12	12.50	49.48	32.30	8.11	8.10	9.2	3.823	93.2	2.2	1.5	0.5
1137	1/20/2015 10:01:13	12.46	49.68	32.45	8.08	8.10	9.2	3.915	92.9	1.7	1.2	0.4
1138	1/20/2015 10:16:12	12.46	49.81	32.54	8.06	8.11	8.0	3.995	92.6	1.6	1.1	0.4
1139	1/20/2015 10:31:13	12.46	49.83	32.55	8.06	8.11	6.8	4.076	92.6	1.8	1.3	0.4
1140	1/20/2015 10:46:12	12.48	49.81	32.54	8.06	8.11	6.1	4.123	92.7	0.9	0.6	0.2
1141	1/20/2015 11:01:12	12.48	49.95	32.64	8.05	8.11	4.6	4.156	92.7	1.5	1.1	0.3
1142	1/20/2015 11:16:13	12.47	49.94	32.63	8.05	8.10	4.5	4.187	92.6	1.2	0.8	0.3
1143	1/20/2015 11:31:13	12.49	49.59	32.38	8.07	8.10	4.8	4.178	92.8	1.4	1.0	0.3
1144	1/20/2015 11:46:13	12.48	49.86	32.58	8.06	8.10	8.7	4.133	92.7	1.0	0.7	0.2
1145	1/20/2015 12:01:13	12.49	49.87	32.58	8.06	8.10	5.7	4.073	92.7	1.6	1.1	0.4
1146	1/20/2015 12:16:12	12.73	49.49	32.32	8.52	8.11	5.6	3.974	98.4	1.3	0.9	0.3
1147	1/20/2015 12:31:13	12.78	49.14	32.07	8.19	8.08	5.1	3.872	94.5	1.4	1.0	0.3
1148	1/20/2015 12:46:13	12.77	49.03	31.99	8.52	8.09	5.7	3.746	98.2	1.5	1.1	0.4
1149	1/20/2015 13:01:13	12.80	48.73	31.77	8.58	8.09	5.0	3.628	98.9	1.9	1.3	0.4
1150	1/20/2015 13:16:13	12.80	48.00	31.24	8.39	8.05	11.5	3.475	96.3	1.7	1.2	0.4
1151	1/20/2015 13:31:12	12.76	47.88	31.15	8.39	8.05	13.7	3.328	96.2	2.2	1.5	0.5
1152	1/20/2015 13:46:12	12.78	47.76	31.06	8.37	8.05	24.4	3.203	96.0	2.2	1.5	0.5
1153	1/20/2015 14:01:12	12.80	47.45	30.84	8.42	8.04	6.5	3.056	96.5	2.1	1.5	0.5
1154	1/20/2015 14:16:12	12.86	47.79	31.09	8.53	8.06	4.8	2.909	97.9	1.7	1.2	0.4
1155	1/20/2015 14:31:13	12.87	47.50	30.88	8.52	8.05	5.6	2.760	97.8	2.2	1.5	0.5
1156	1/20/2015 14:46:13	12.74	47.07	30.56	8.19	8.03	7.4	2.593	93.6	2.4	1.7	0.6
1157	1/20/2015 15:01:13	12.80	47.29	30.73	8.23	8.05	6.7	2.440	94.2	2.0	1.4	0.5
1158	1/20/2015 15:16:12	12.72	46.98	30.50	8.17	8.03	9.0	2.272	93.2	2.4	1.7	0.6
1159	1/20/2015 15:31:13	12.68	46.78	30.36	8.19	8.01	9.8	2.106	93.3	2.7	1.9	0.6
1160	1/20/2015 15:46:13	12.68	46.50	30.15	8.20	8.01	9.8	1.949	93.3	2.7	1.9	0.6
1161	1/20/2015 16:01:13	12.65	46.38	30.06	8.18	8.01	10.3	1.767	93.0	3.2	2.2	0.7
1162	1/20/2015 16:16:13	12.60	46.13	29.88	8.10	7.99	10.5	1.596	91.8	2.9	2.0	0.7
1163	1/20/2015 16:31:12	12.57	46.00	29.79	8.10	7.99	9.7	1.427	91.7	2.7	1.9	0.6
1164	1/20/2015 16:46:14	12.53	46.12	29.88	8.13	7.99	9.7	1.266	92.0	2.7	1.9	0.6
1165	1/20/2015 17:01:13	12.49	45.94	29.75	8.16	7.99	9.5	1.114	92.3	2.9	2.0	0.7
1166	1/20/2015 17:16:12	12.42	45.70	29.57	8.22	7.99	17.3	0.977	92.7	3.2	2.2	0.8
1167	1/20/2015 17:31:12	12.36	45.72	29.58	8.18	7.99	31.0	0.910	92.1	2.9	2.0	0.7
1168	1/20/2015 17:46:13	12.35	45.50	29.42	8.21	7.99	25.8	0.907	92.3	3.3	2.3	0.8
1169	1/20/2015 18:01:12	12.28	45.62	29.50	8.27	7.99	35.3	0.959	92.9	3.4	2.4	0.8
1170	1/20/2015 18:16:12	12.32	45.43	29.37	8.22	7.98	35.6	1.062	92.4	3.5	2.5	0.8
1171	1/20/2015 18:31:13	12.27	45.57	29.47	8.20	7.98	9.0	1.185	92.1	2.9	2.0	0.7
1172	1/20/2015 18:46:13	12.20	45.17	29.18	8.17	7.97	9.8	1.284	91.4	3.2	2.2	0.8
1173	1/20/2015 19:01:12	12.14	44.40	28.63	8.13	7.96	19.6	1.363	90.6	3.2	2.2	0.8
1174	1/20/2015 19:16:12	12.20	44.37	28.61	8.11	7.96	32.0	1.445	90.4	3.3	2.3	0.8
1175	1/20/2015 19:31:12	12.22	44.33	28.58	8.09	7.95	35.3	1.547	90.3	3.7	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 = 0.7)	Fluorescence %FS
1176	1/20/2015 19:46:13	12.25	44.49	28.69	8.06	7.96	18.8	1.631	90.0	3.4	2.4	0.8
1177	1/20/2015 20:01:12	12.33	45.03	29.09	8.04	7.96	24.4	1.719	90.2	3.4	2.4	0.8
1178	1/20/2015 20:16:13	12.37	44.96	29.03	8.02	7.96	74.0	1.835	90.0	3.3	2.3	0.8
1179	1/20/2015 20:31:13	12.48	45.78	29.63	7.96	7.98	58.2	1.919	89.9	2.9	2.0	0.7
1180	1/20/2015 20:46:13	12.58	46.56	30.19	7.95	7.98	11.5	2.041	90.3	3.1	2.2	0.7
1181	1/20/2015 21:01:13	12.59	46.38	30.06	7.76	7.98	30.6	2.163	88.1	2.6	1.8	0.6
1182	1/20/2015 21:16:13	12.56	46.37	30.06	7.83	7.98	23.4	2.288	88.8	2.5	1.8	0.6
1183	1/20/2015 21:31:12	12.53	46.56	30.19	7.91	7.98	35.2	2.407	89.8	2.8	2.0	0.7
1184	1/20/2015 21:46:13	12.52	46.83	30.38	7.93	7.99	22.0	2.533	90.0	3.0	2.1	0.7
1185	1/20/2015 22:01:13	12.52	46.85	30.40	7.99	7.99	29.3	2.643	90.7	2.8	2.0	0.7
1186	1/20/2015 22:16:13	12.57	47.04	30.54	7.97	8.00	33.2	2.746	90.7	3.1	2.2	0.7
1187	1/20/2015 22:31:12	12.55	47.31	30.73	7.93	8.01	18.6	2.860	90.3	2.9	2.0	0.7
1188	1/20/2015 22:46:12	12.58	47.95	31.20	7.96	8.03	18.3	2.964	91.0	2.3	1.6	0.5
1189	1/20/2015 23:01:13	12.55	48.25	31.41	8.03	8.05	19.5	3.060	91.8	2.2	1.5	0.5
1190	1/20/2015 23:16:13	12.56	48.39	31.52	8.12	8.05	22.0	3.165	92.9	2.3	1.6	0.5
1191	1/20/2015 23:31:13	12.54	48.53	31.61	8.09	8.06	30.2	3.257	92.6	2.8	2.0	0.6
1192	1/20/2015 23:46:13	12.52	48.64	31.70	8.13	8.07	29.3	3.347	93.1	2.6	1.8	0.6
1193	1/21/2015 00:01:12	12.47	49.01	31.96	8.10	8.08	23.9	3.431	92.8	2.3	1.6	0.5
1194	1/21/2015 00:16:13	12.46	49.30	32.17	8.14	8.09	30.5	3.496	93.4	1.6	1.1	0.4
1195	1/21/2015 00:31:12	12.44	49.37	32.22	8.17	8.09	12.0	3.548	93.6	1.5	1.1	0.3
1196	1/21/2015 00:46:13	12.42	49.44	32.27	8.08	8.09	22.9	3.581	92.6	1.9	1.3	0.4
1197	1/21/2015 01:01:13	12.41	49.38	32.22	8.03	8.08	6.5	3.583	92.0	1.8	1.3	0.4
1198	1/21/2015 01:16:13	12.42	49.36	32.21	8.05	8.09	8.4	3.550	92.3	1.8	1.3	0.4
1199	1/21/2015 01:31:13	12.39	49.19	32.09	8.03	8.07	15.9	3.490	91.9	1.8	1.3	0.4
1200	1/21/2015 01:46:13	12.32	48.10	31.30	7.91	8.04	11.1	3.420	89.9	2.2	1.5	0.5
1201	1/21/2015 02:01:12	12.24	48.23	31.39	7.96	8.04	7.1	3.330	90.4	2.3	1.6	0.5
1202	1/21/2015 02:16:12	12.27	48.17	31.34	7.97	8.03	6.5	3.229	90.5	2.0	1.4	0.5
1203	1/21/2015 02:31:13	12.23	47.80	31.07	7.88	8.02	8.7	3.122	89.3	1.4	1.0	0.3
1204	1/21/2015 02:46:13	12.22	47.58	30.91	7.85	8.01	9.0	3.024	88.9	2.3	1.6	0.5
1205	1/21/2015 03:01:13	12.20	47.51	30.86	7.84	8.00	6.8	2.918	88.6	2.1	1.5	0.5
1206	1/21/2015 03:16:13	12.15	47.50	30.85	7.82	8.00	5.9	2.831	88.4	2.3	1.6	0.5
1207	1/21/2015 03:31:13	12.12	47.38	30.77	7.82	8.00	5.8	2.743	88.3	1.9	1.3	0.4
1208	1/21/2015 03:46:12	12.03	47.12	30.57	7.82	7.99	5.8	2.648	88.0	2.3	1.6	0.5
1209	1/21/2015 04:01:12	11.94	47.10	30.55	7.82	7.99	5.8	2.563	87.8	2.5	1.8	0.6
1210	1/21/2015 04:16:12	11.89	47.01	30.49	7.85	7.99	7.0	2.475	88.0	2.2	1.5	0.5
1211	1/21/2015 04:31:13	11.86	46.63	30.21	7.82	7.98	6.3	2.393	87.5	2.2	1.5	0.5
1212	1/21/2015 04:46:13	11.80	46.31	29.98	7.80	7.97	5.7	2.317	87.0	2.9	2.0	0.7
1213	1/21/2015 05:01:13	11.72	46.54	30.14	7.79	7.97	5.3	2.254	86.8	2.3	1.6	0.5
1214	1/21/2015 05:16:14	11.71	46.21	29.91	7.77	7.96	5.8	2.196	86.5	2.7	1.9	0.6
1215	1/21/2015 05:31:13	11.70	45.78	29.60	7.78	7.95	5.3	2.153	86.3	2.1	1.5	0.5
1216	1/21/2015 05:46:13	11.68	45.83	29.63	7.75	7.95	5.1	2.130	86.1	3.1	2.2	0.7
1217	1/21/2015 06:01:13	11.68	45.78	29.60	7.70	7.95	5.3	2.118	85.5	2.5	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 = 0.7)	Fluorescence %FS
1218	1/21/2015 06:16:12	11.77	46.04	29.79	7.73	7.96	5.1	2.136	86.0	2.5	1.8	0.6
1219	1/21/2015 06:31:12	11.78	46.18	29.88	7.73	7.96	5.5	2.169	86.2	2.7	1.9	0.6
1220	1/21/2015 06:46:12	11.69	46.07	29.80	7.75	7.95	5.6	2.232	86.2	2.2	1.5	0.5
1221	1/21/2015 07:01:13	11.66	46.01	29.76	7.77	7.96	6.4	2.304	86.3	2.0	1.4	0.5
1222	1/21/2015 07:16:12	11.53	45.82	29.62	7.80	7.95	6.6	2.394	86.3	2.5	1.8	0.6
1223	1/21/2015 07:31:11	11.75	46.10	29.83	7.80	7.96	7.3	2.482	86.8	2.2	1.5	0.5
1224	1/21/2015 07:46:13	11.85	46.57	30.17	7.78	7.97	7.8	2.579	87.0	2.5	1.8	0.6
1225	1/21/2015 08:01:13	12.01	47.07	30.53	7.83	8.00	8.2	2.671	88.1	2.1	1.5	0.5
1226	1/21/2015 08:16:13	12.13	47.47	30.83	7.86	8.01	7.3	2.757	88.7	2.3	1.6	0.5
1227	1/21/2015 08:31:13	12.18	47.62	30.94	7.87	8.01	6.8	2.855	89.0	1.9	1.3	0.5
1228	1/21/2015 08:46:14	12.18	47.67	30.97	7.87	8.01	8.6	2.948	89.0	2.0	1.4	0.5
1229	1/21/2015 09:01:13	12.17	47.81	31.08	7.89	8.02	8.9	3.045	89.3	2.0	1.4	0.5
1230	1/21/2015 09:16:13	12.22	48.08	31.27	7.88	8.03	10.2	3.146	89.5	2.0	1.4	0.5
1231	1/21/2015 09:31:12	12.24	48.24	31.39	7.94	8.04	11.4	3.250	90.2	2.1	1.5	0.5
1232	1/21/2015 09:46:13	12.20	48.66	31.69	7.96	8.06	13.6	3.363	90.5	1.6	1.1	0.4
1233	1/21/2015 10:01:13	12.21	48.94	31.90	7.99	8.06	13.0	3.480	91.0	1.8	1.3	0.4
1234	1/21/2015 10:16:13	12.19	49.13	32.03	8.07	8.07	13.4	3.586	92.0	2.0	1.4	0.5
1235	1/21/2015 10:31:13	12.18	49.42	32.24	8.01	8.08	15.5	3.700	91.4	1.8	1.3	0.4
1236	1/21/2015 10:46:14	12.14	49.53	32.32	8.00	8.09	12.5	3.807	91.2	1.8	1.3	0.4
1237	1/21/2015 11:01:13	12.14	49.68	32.43	7.99	8.09	10.3	3.898	91.1	1.2	0.8	0.3
1238	1/21/2015 11:16:12	12.14	49.67	32.42	7.98	8.09	7.8	3.979	91.0	1.3	0.9	0.3
1239	1/21/2015 11:31:12	12.17	49.72	32.46	7.98	8.09	6.7	4.047	91.2	1.4	1.0	0.3
1240	1/21/2015 11:46:12	12.17	49.72	32.46	7.98	8.09	6.0	4.094	91.1	1.1	0.8	0.3
1241	1/21/2015 12:01:12	12.18	49.59	32.37	7.98	8.09	5.2	4.118	91.1	1.3	0.9	0.3
1242	1/21/2015 12:16:12	12.24	49.45	32.27	8.18	8.09	5.2	4.124	93.5	1.2	0.8	0.3
1243	1/21/2015 12:31:12	12.18	49.61	32.38	8.07	8.09	7.9	4.101	92.1	1.5	1.1	0.4
1244	1/21/2015 12:46:13	12.20	49.71	32.46	8.07	8.09	7.2	4.033	92.2	1.6	1.1	0.4
1245	1/21/2015 13:01:12	12.49	49.06	32.00	8.29	8.10	5.9	3.966	95.0	1.6	1.1	0.4
1246	1/21/2015 13:16:12	12.54	49.19	32.09	8.17	8.08	4.4	3.866	93.8	1.0	0.7	0.2
1247	1/21/2015 13:31:13	12.51	48.64	31.69	8.22	8.07	4.8	3.732	94.1	1.4	1.0	0.3
1248	1/21/2015 13:46:13	12.48	48.75	31.77	8.27	8.08	5.1	3.605	94.7	1.4	1.0	0.3
1249	1/21/2015 14:01:13	12.61	48.10	31.31	8.15	8.05	5.7	3.467	93.2	1.7	1.2	0.4
1250	1/21/2015 14:16:13	12.62	47.79	31.08	8.17	8.05	5.9	3.319	93.3	1.8	1.3	0.4
1251	1/21/2015 14:31:12	12.58	47.87	31.14	8.22	8.04	6.3	3.174	93.9	1.9	1.3	0.4
1252	1/21/2015 14:46:13	12.63	47.85	31.13	8.34	8.06	5.0	3.026	95.4	1.7	1.2	0.4
1253	1/21/2015 15:01:13	12.64	47.95	31.20	8.30	8.07	5.3	2.875	95.0	1.6	1.1	0.4
1254	1/21/2015 15:16:13	12.64	47.62	30.96	8.36	8.05	5.4	2.735	95.5	2.0	1.4	0.5
1255	1/21/2015 15:31:12	12.52	47.14	30.61	8.21	8.04	7.3	2.572	93.4	2.0	1.4	0.5
1256	1/21/2015 15:46:12	12.42	47.10	30.57	8.21	8.03	8.4	2.406	93.2	2.6	1.8	0.6
1257	1/21/2015 16:01:13	12.40	47.02	30.52	8.40	8.03	7.6	2.244	95.3	2.2	1.5	0.5
1258	1/21/2015 16:16:13	12.38	46.94	30.45	8.44	8.03	9.4	2.085	95.6	2.8	2.0	0.7
1259	1/21/2015 16:31:13	12.37	47.00	30.50	8.43	8.04	9.9	1.905	95.5	2.4	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 = 0.7)	Fluorescence %FS
1260	1/21/2015 16:46:14	12.34	46.51	30.14	8.43	8.03	9.7	1.733	95.2	3.4	2.4	0.8
1261	1/21/2015 17:01:12	12.31	46.55	30.17	8.30	8.02	9.9	1.555	93.7	2.6	1.8	0.6
1262	1/21/2015 17:16:13	12.27	46.27	29.97	8.24	8.00	9.7	1.385	92.9	3.0	2.1	0.7
1263	1/21/2015 17:31:13	12.22	46.21	29.93	8.35	8.00	10.4	1.217	93.9	2.7	1.9	0.6
1264	1/21/2015 17:46:13	12.15	46.04	29.80	8.43	8.00	10.5	1.065	94.6	2.9	2.0	0.7
1265	1/21/2015 18:01:13	12.11	45.90	29.70	8.50	8.01	9.4	0.920	95.3	3.0	2.1	0.7
1266	1/21/2015 18:16:12	12.12	45.92	29.71	8.38	8.00	9.6	0.862	94.0	3.3	2.3	0.8
1267	1/21/2015 18:31:13	12.03	45.75	29.59	8.54	8.01	7.5	0.881	95.5	3.0	2.1	0.7
1268	1/21/2015 18:46:12	11.99	45.51	29.41	8.51	8.01	7.7	0.937	94.9	2.9	2.0	0.7
1269	1/21/2015 19:01:13	11.99	45.71	29.56	8.47	8.01	8.1	1.068	94.7	3.3	2.3	0.8
1270	1/21/2015 19:16:12	11.97	45.63	29.50	8.44	8.00	7.3	1.187	94.2	3.0	2.1	0.7
1271	1/21/2015 19:31:13	11.91	45.21	29.20	8.41	7.99	7.8	1.282	93.5	3.1	2.2	0.7
1272	1/21/2015 19:46:13	11.89	44.93	29.00	8.34	7.98	9.7	1.374	92.6	3.4	2.4	0.8
1273	1/21/2015 20:01:13	11.83	44.37	28.59	8.30	7.97	8.3	1.457	91.8	3.6	2.5	0.8
1274	1/21/2015 20:16:12	11.93	44.90	28.98	8.33	7.97	7.9	1.556	92.6	3.3	2.3	0.8
1275	1/21/2015 20:31:12	11.99	45.25	29.23	8.33	7.98	7.2	1.649	92.9	2.9	2.0	0.7
1276	1/21/2015 20:46:13	11.93	44.85	28.94	8.25	7.98	7.5	1.743	91.6	3.2	2.2	0.7
1277	1/21/2015 21:01:13	12.02	45.20	29.19	8.19	7.98	7.6	1.856	91.3	2.8	2.0	0.7
1278	1/21/2015 21:16:12	12.24	46.39	30.05	8.23	7.99	7.8	1.972	92.7	2.4	1.7	0.6
1279	1/21/2015 21:31:12	12.24	46.42	30.08	8.15	7.99	9.0	2.093	91.8	2.8	2.0	0.6
1280	1/21/2015 21:46:13	12.27	46.69	30.27	8.04	8.00	10.3	2.213	90.7	2.7	1.9	0.6
1281	1/21/2015 22:01:13	12.28	46.76	30.33	8.03	8.00	10.4	2.347	90.7	2.5	1.8	0.6
1282	1/21/2015 22:16:13	12.27	47.05	30.53	8.03	8.00	10.4	2.469	90.8	2.2	1.5	0.5
1283	1/21/2015 22:31:13	12.29	47.10	30.57	8.07	8.00	11.9	2.591	91.3	2.7	1.9	0.6
1284	1/21/2015 22:46:12	12.32	47.17	30.62	8.00	8.01	12.9	2.701	90.6	2.4	1.7	0.6
1285	1/21/2015 23:01:13	12.33	47.43	30.81	7.96	8.01	14.3	2.818	90.2	2.9	2.0	0.7
1286	1/21/2015 23:16:13	12.35	47.64	30.96	8.00	8.03	15.3	2.932	90.9	2.8	2.0	0.7
1287	1/21/2015 23:31:13	12.33	48.03	31.24	8.05	8.04	16.1	3.030	91.6	2.6	1.8	0.6
1288	1/21/2015 23:46:13	12.33	48.40	31.51	8.17	8.05	15.0	3.143	93.1	2.4	1.7	0.6
1289	1/22/2015 00:01:13	12.32	48.33	31.46	8.18	8.06	20.0	3.244	93.2	2.6	1.8	0.6
1290	1/22/2015 00:16:12	12.29	48.64	31.68	8.07	8.06	17.7	3.343	91.9	2.1	1.5	0.5
1291	1/22/2015 00:31:12	12.22	48.93	31.89	7.96	8.07	14.5	3.435	90.6	1.8	1.3	0.4
1292	1/22/2015 00:46:13	12.18	49.21	32.09	7.96	8.08	13.0	3.517	90.7	2.1	1.5	0.5
1293	1/22/2015 01:01:13	12.14	49.31	32.16	8.10	8.08	15.2	3.585	92.3	1.7	1.2	0.4
1294	1/22/2015 01:16:13	12.11	49.42	32.24	8.04	8.08	9.0	3.628	91.6	1.1	0.8	0.3
1295	1/22/2015 01:31:13	12.10	49.40	32.23	8.00	8.08	5.6	3.664	91.0	1.1	0.8	0.3
1296	1/22/2015 01:46:12	12.11	49.12	32.02	8.02	8.07	7.3	3.670	91.2	1.7	1.2	0.4
1297	1/22/2015 02:01:12	12.10	49.41	32.23	7.84	8.07	7.8	3.638	89.2	1.8	1.3	0.4
1298	1/22/2015 02:16:12	12.09	49.51	32.30	7.83	8.08	9.1	3.572	89.2	1.2	0.8	0.3
1299	1/22/2015 02:31:12	12.14	48.39	31.49	8.16	8.04	8.7	3.500	92.5	2.8	2.0	0.6
1300	1/22/2015 02:46:13	12.09	48.40	31.50	8.16	8.05	7.9	3.398	92.5	1.9	1.3	0.4
1301	1/22/2015 03:01:13	12.12	48.31	31.43	8.06	8.04	6.7	3.287	91.4	1.3	0.9	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 = 0.7)	Fluorescence %FS
1302	1/22/2015 03:16:13	12.13	47.93	31.16	7.86	8.03	7.6	3.189	88.9	2.2	1.5	0.5
1303	1/22/2015 03:31:13	12.13	47.82	31.08	8.05	8.02	6.7	3.062	91.0	2.0	1.4	0.5
1304	1/22/2015 03:46:13	12.11	47.81	31.08	7.91	8.02	6.1	2.962	89.4	2.0	1.4	0.5
1305	1/22/2015 04:01:13	12.07	47.60	30.92	7.90	8.01	6.5	2.868	89.2	2.0	1.4	0.5
1306	1/22/2015 04:16:12	12.04	47.38	30.76	7.82	8.01	5.3	2.763	88.1	1.9	1.3	0.5
1307	1/22/2015 04:31:12	11.97	46.82	30.36	7.82	7.99	6.8	2.649	87.7	2.3	1.6	0.5
1308	1/22/2015 04:46:13	12.02	47.55	30.88	7.93	8.01	5.9	2.564	89.4	2.1	1.5	0.5
1309	1/22/2015 05:01:12	11.99	47.25	30.66	7.93	8.01	6.1	2.466	89.2	2.6	1.8	0.6
1310	1/22/2015 05:16:13	11.97	47.04	30.51	7.97	8.00	6.1	2.375	89.5	2.0	1.4	0.5
1311	1/22/2015 05:31:13	11.90	46.68	30.25	7.97	7.99	5.9	2.294	89.2	2.5	1.8	0.6
1312	1/22/2015 05:46:13	11.77	46.77	30.31	7.78	7.98	5.5	2.213	87.0	2.3	1.6	0.6
1313	1/22/2015 06:01:13	11.71	46.66	30.23	8.12	7.98	5.2	2.150	90.5	2.2	1.5	0.5
1314	1/22/2015 06:16:12	11.65	46.01	29.76	7.80	7.97	5.4	2.086	86.6	2.3	1.6	0.5
1315	1/22/2015 06:31:13	11.64	46.07	29.80	8.18	7.96	5.0	2.047	90.9	2.5	1.8	0.6
1316	1/22/2015 06:46:13	11.60	45.92	29.69	8.08	7.96	4.3	2.040	89.6	2.3	1.6	0.5
1317	1/22/2015 07:01:13	11.64	46.05	29.78	8.06	7.96	5.1	2.034	89.5	2.6	1.8	0.6
1318	1/22/2015 07:16:13	11.69	46.16	29.87	7.98	7.97	4.9	2.054	88.7	2.7	1.9	0.6
1319	1/22/2015 07:31:12	11.72	46.16	29.87	8.07	7.97	5.2	2.122	89.8	1.9	1.3	0.4
1320	1/22/2015 07:46:12	11.69	46.14	29.86	7.93	7.97	5.0	2.186	88.2	2.2	1.5	0.5
1321	1/22/2015 08:01:13	11.57	45.76	29.58	8.09	7.96	6.7	2.260	89.5	2.5	1.8	0.6
1322	1/22/2015 08:16:13	11.62	46.01	29.76	8.14	7.97	6.1	2.370	90.3	1.9	1.3	0.5
1323	1/22/2015 08:31:12	11.80	46.34	30.00	8.03	7.97	6.7	2.466	89.6	2.1	1.5	0.5
1324	1/22/2015 08:46:13	11.88	46.77	30.31	7.99	7.99	7.4	2.559	89.5	1.8	1.3	0.4
1325	1/22/2015 09:01:12	11.95	46.93	30.43	8.01	8.00	7.1	2.654	89.9	1.9	1.3	0.4
1326	1/22/2015 09:16:13	12.04	47.46	30.82	7.97	8.01	7.0	2.750	89.9	2.1	1.5	0.5
1327	1/22/2015 09:31:12	12.10	47.58	30.91	7.96	8.01	7.0	2.850	89.9	1.8	1.3	0.4
1328	1/22/2015 09:46:12	12.11	47.64	30.95	8.09	8.02	7.2	2.939	91.4	2.1	1.5	0.5
1329	1/22/2015 10:01:13	12.10	47.70	30.99	7.80	8.02	8.6	3.032	88.1	2.3	1.6	0.5
1330	1/22/2015 10:16:12	12.11	47.99	31.20	7.98	8.03	8.6	3.141	90.3	2.1	1.5	0.5
1331	1/22/2015 10:31:13	12.12	48.01	31.22	7.98	8.03	10.4	3.240	90.3	2.2	1.5	0.5
1332	1/22/2015 10:46:13	12.09	48.38	31.48	8.00	8.04	12.2	3.348	90.7	2.4	1.7	0.6
1333	1/22/2015 11:01:13	12.07	48.69	31.71	8.05	8.05	11.0	3.463	91.3	1.9	1.3	0.4
1334	1/22/2015 11:16:12	12.05	48.90	31.86	8.00	8.06	10.2	3.573	90.8	1.8	1.3	0.4
1335	1/22/2015 11:31:13	11.99	49.20	32.08	7.94	8.06	12.6	3.674	90.1	1.9	1.3	0.5
1336	1/22/2015 11:46:13	11.95	49.27	32.12	7.98	8.07	11.5	3.771	90.5	1.9	1.3	0.4
1337	1/22/2015 12:01:13	11.93	49.35	32.18	7.92	8.07	9.5	3.856	89.8	1.5	1.1	0.4
1338	1/22/2015 12:16:13	11.90	49.46	32.26	7.94	8.07	8.0	3.910	90.1	1.6	1.1	0.4
1339	1/22/2015 12:31:13	11.90	49.48	32.28	7.90	8.07	6.5	3.968	89.7	1.4	1.0	0.3
1340	1/22/2015 12:46:13	11.90	49.58	32.34	7.91	8.07	6.4	3.997	89.7	1.4	1.0	0.3
1341	1/22/2015 13:01:13	11.91	49.36	32.19	7.90	8.07	5.1	4.015	89.5	1.2	0.8	0.3
1342	1/22/2015 13:16:13	11.94	49.48	32.27	7.89	8.07	5.3	3.999	89.6	1.3	0.9	0.3
1343	1/22/2015 13:31:13	11.93	49.53	32.31	7.90	8.07	5.6	3.960	89.7	1.7	1.2	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 = 0.7)	Fluorescence %FS
1344	1/22/2015 13:46:12	11.93	49.53	32.31	7.91	8.07	6.6	3.904	89.8	1.5	1.1	0.4
1345	1/22/2015 14:01:12	12.27	49.05	31.98	8.23	8.08	6.5	3.801	94.0	1.5	1.1	0.4
1346	1/22/2015 14:16:13	12.35	48.94	31.90	8.11	8.07	5.1	3.687	92.7	1.6	1.1	0.4
1347	1/22/2015 14:31:13	12.37	48.61	31.66	8.19	8.07	5.3	3.549	93.5	1.2	0.8	0.3
1348	1/22/2015 14:46:13	12.40	48.50	31.58	8.28	8.07	5.1	3.432	94.5	1.8	1.3	0.4
1349	1/22/2015 15:01:14	12.47	48.37	31.49	8.29	8.07	5.3	3.299	94.7	1.8	1.3	0.4
1350	1/22/2015 15:16:13	12.56	47.85	31.12	8.33	8.06	5.3	3.159	95.1	1.8	1.3	0.4
1351	1/22/2015 15:31:12	12.47	48.00	31.23	8.35	8.06	5.3	3.026	95.2	2.1	1.5	0.5
1352	1/22/2015 15:46:12	12.46	47.64	30.97	8.28	8.05	5.9	2.894	94.3	2.0	1.4	0.5
1353	1/22/2015 16:01:12	12.43	47.75	31.04	8.32	8.05	5.3	2.721	94.7	2.5	1.8	0.6
1354	1/22/2015 16:16:12	12.44	47.47	30.84	8.33	8.04	6.4	2.579	94.7	2.2	1.5	0.5
1355	1/22/2015 16:31:12	12.39	47.16	30.61	8.28	8.03	6.4	2.431	93.9	2.5	1.8	0.6
1356	1/22/2015 16:46:13	12.35	46.85	30.39	8.28	8.02	7.7	2.283	93.7	2.4	1.7	0.6
1357	1/22/2015 17:01:12	12.33	47.02	30.51	8.31	8.03	7.1	2.121	94.0	2.5	1.8	0.6
1358	1/22/2015 17:16:12	12.30	47.10	30.57	8.54	8.06	8.2	1.948	96.6	2.8	2.0	0.6
1359	1/22/2015 17:31:13	12.30	46.86	30.40	8.41	8.03	8.8	1.795	95.0	2.6	1.8	0.6
1360	1/22/2015 17:46:13	12.31	46.62	30.23	8.37	8.02	9.1	1.633	94.5	2.9	2.0	0.7
1361	1/22/2015 18:01:13	12.30	46.46	30.11	8.42	8.01	9.0	1.462	95.0	2.7	1.9	0.6
1362	1/22/2015 18:16:13	12.25	46.16	29.89	8.51	8.01	9.5	1.300	95.7	2.6	1.8	0.6
1363	1/22/2015 18:31:13	12.19	46.10	29.85	8.57	8.01	9.7	1.169	96.3	2.8	2.0	0.7
1364	1/22/2015 18:46:13	12.13	45.92	29.72	8.71	8.02	10.4	1.055	97.6	3.4	2.4	0.8
1365	1/22/2015 19:01:13	12.16	46.07	29.82	8.50	8.01	8.1	0.990	95.5	3.0	2.1	0.7
1366	1/22/2015 19:16:13	12.11	45.85	29.66	8.67	8.02	7.3	1.026	97.2	3.3	2.3	0.8
1367	1/22/2015 19:31:12	12.11	45.79	29.62	8.68	8.02	6.7	1.070	97.3	2.7	1.9	0.6
1368	1/22/2015 19:46:12	12.12	45.88	29.69	8.65	8.02	6.4	1.190	97.0	3.0	2.1	0.7
1369	1/22/2015 20:01:13	12.13	45.83	29.65	8.61	8.01	6.4	1.298	96.5	3.2	2.2	0.8
1370	1/22/2015 20:16:13	12.11	45.66	29.53	8.55	8.00	6.5	1.403	95.8	3.3	2.3	0.8
1371	1/22/2015 20:31:12	12.10	45.41	29.35	8.57	8.00	6.8	1.495	95.9	3.1	2.2	0.7
1372	1/22/2015 20:46:12	12.04	44.99	29.04	8.45	7.98	8.6	1.573	94.2	3.6	2.5	0.8
1373	1/22/2015 21:01:13	12.10	45.30	29.27	8.42	7.98	6.7	1.673	94.1	3.1	2.2	0.7
1374	1/22/2015 21:16:13	12.19	45.60	29.49	8.42	7.99	7.1	1.760	94.4	3.3	2.3	0.8
1375	1/22/2015 21:31:12	12.20	45.70	29.56	8.33	7.99	7.2	1.859	93.4	3.0	2.1	0.7
1376	1/22/2015 21:46:12	12.25	46.07	29.83	8.27	7.99	7.4	1.970	93.1	3.2	2.2	0.8
1377	1/22/2015 22:01:13	12.29	46.53	30.16	8.20	8.00	7.2	2.076	92.6	2.7	1.9	0.6
1378	1/22/2015 22:16:13	12.27	46.46	30.11	8.19	8.00	6.8	2.198	92.4	2.5	1.8	0.6
1379	1/22/2015 22:31:13	12.31	46.70	30.28	8.17	8.00	7.9	2.332	92.3	2.5	1.8	0.6
1380	1/22/2015 22:46:13	12.32	47.04	30.53	8.18	8.00	8.9	2.455	92.6	2.5	1.8	0.6
1381	1/22/2015 23:01:13	12.31	47.10	30.57	8.14	8.01	9.4	2.581	92.2	2.6	1.8	0.6
1382	1/22/2015 23:16:13	12.31	47.25	30.68	8.07	8.01	10.3	2.700	91.4	2.3	1.6	0.5
1383	1/22/2015 23:31:13	12.31	47.24	30.67	8.06	8.01	11.7	2.812	91.3	2.6	1.8	0.6
1384	1/22/2015 23:46:13	12.30	47.47	30.83	8.08	8.02	12.4	2.926	91.6	2.7	1.9	0.6
1385	1/23/2015 00:01:13	12.27	47.86	31.12	8.06	8.03	12.4	3.042	91.4	2.0	1.4	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 = 0.7)	Fluorescence %FS
1386	1/23/2015 00:16:13	12.19	48.27	31.41	8.04	8.04	13.5	3.151	91.3	2.3	1.6	0.5
1387	1/23/2015 00:31:13	12.16	48.29	31.43	8.09	8.05	15.5	3.266	91.8	2.1	1.5	0.5
1388	1/23/2015 00:46:13	12.10	48.58	31.63	8.08	8.05	15.6	3.363	91.6	2.3	1.6	0.5
1389	1/23/2015 01:01:13	12.01	48.82	31.80	8.02	8.05	14.7	3.463	90.8	2.0	1.4	0.5
1390	1/23/2015 01:16:12	11.87	49.13	32.02	7.98	8.05	12.0	3.568	90.3	1.6	1.1	0.4
1391	1/23/2015 01:31:13	11.78	49.50	32.28	7.91	8.05	9.5	3.639	89.5	1.8	1.3	0.4
1392	1/23/2015 01:46:13	11.72	49.60	32.35	7.88	8.06	7.8	3.691	89.1	1.7	1.2	0.4
1393	1/23/2015 02:01:12	11.69	49.70	32.42	7.88	8.05	7.1	3.754	89.1	1.7	1.2	0.4
1394	1/23/2015 02:16:12	11.67	49.72	32.44	7.79	8.05	5.0	3.767	88.1	1.7	1.2	0.4
1395	1/23/2015 02:31:13	11.73	49.63	32.38	7.79	8.05	6.2	3.751	88.1	1.5	1.1	0.4
1396	1/23/2015 02:46:12	11.67	49.66	32.39	7.83	8.05	5.9	3.708	88.4	1.1	0.8	0.2
1397	1/23/2015 03:01:12	12.00	48.41	31.51	7.98	8.04	6.4	3.640	90.3	2.1	1.5	0.5
1398	1/23/2015 03:16:13	11.98	48.43	31.52	7.97	8.04	6.4	3.551	90.2	2.0	1.4	0.5
1399	1/23/2015 03:31:12	11.90	48.29	31.41	8.00	8.04	6.3	3.463	90.3	1.8	1.3	0.4
1400	1/23/2015 03:46:13	11.99	48.11	31.28	7.95	8.03	6.9	3.355	89.7	1.6	1.1	0.4
1401	1/23/2015 04:01:13	12.03	47.98	31.20	7.96	8.02	6.8	3.228	89.9	1.8	1.3	0.4
1402	1/23/2015 04:16:12	12.03	47.74	31.02	7.95	8.02	6.1	3.125	89.7	1.9	1.3	0.5
1403	1/23/2015 04:31:13	12.03	47.80	31.06	7.92	8.01	5.4	3.023	89.4	2.0	1.4	0.5
1404	1/23/2015 04:46:13	11.98	47.86	31.10	7.96	8.01	5.2	2.905	89.7	2.0	1.4	0.5
1405	1/23/2015 05:01:13	11.97	47.61	30.92	7.95	8.01	5.6	2.801	89.6	1.9	1.3	0.4
1406	1/23/2015 05:16:12	11.99	47.08	30.54	7.96	8.00	6.7	2.687	89.4	2.0	1.4	0.5
1407	1/23/2015 05:31:12	11.98	47.17	30.61	7.95	8.00	7.3	2.582	89.4	2.3	1.6	0.5
1408	1/23/2015 05:46:12	11.94	46.81	30.34	7.99	7.99	6.4	2.473	89.5	1.9	1.3	0.5
1409	1/23/2015 06:01:12	11.84	47.03	30.50	7.93	7.99	6.5	2.374	88.8	1.9	1.3	0.4
1410	1/23/2015 06:16:13	11.76	47.08	30.53	7.90	7.99	5.7	2.276	88.4	1.6	1.1	0.4
1411	1/23/2015 06:31:12	11.73	46.90	30.40	7.94	7.98	5.7	2.182	88.6	2.0	1.4	0.5
1412	1/23/2015 06:46:13	11.77	46.52	30.13	7.94	7.98	5.4	2.108	88.5	2.4	1.7	0.6
1413	1/23/2015 07:01:13	11.70	46.58	30.17	7.92	7.97	5.2	2.023	88.3	2.9	2.0	0.7
1414	1/23/2015 07:16:13	11.70	46.33	29.99	7.92	7.96	5.3	1.995	88.2	2.9	2.0	0.7
1415	1/23/2015 07:31:12	11.73	46.12	29.84	7.92	7.96	5.1	1.935	88.2	2.2	1.5	0.5
1416	1/23/2015 07:46:13	11.73	46.12	29.84	7.88	7.96	4.3	1.940	87.7	2.6	1.8	0.6
1417	1/23/2015 08:01:12	11.72	46.11	29.83	7.89	7.96	4.9	1.941	87.8	2.4	1.7	0.6
1418	1/23/2015 08:16:12	11.73	46.26	29.94	7.92	7.96	4.7	1.960	88.2	2.2	1.5	0.5
1419	1/23/2015 08:31:13	11.79	46.27	29.95	7.94	7.97	5.4	2.053	88.5	2.4	1.7	0.6
1420	1/23/2015 08:46:13	11.75	46.26	29.94	7.94	7.97	5.0	2.136	88.5	2.5	1.8	0.6
1421	1/23/2015 09:01:13	11.52	45.67	29.51	8.03	7.96	6.2	2.221	88.8	2.4	1.7	0.6
1422	1/23/2015 09:16:13	11.70	46.11	29.83	8.08	7.97	6.4	2.305	89.9	2.2	1.5	0.5
1423	1/23/2015 09:31:13	11.77	46.22	29.92	7.96	7.97	5.8	2.402	88.6	2.2	1.5	0.5
1424	1/23/2015 09:46:13	11.83	46.70	30.26	7.96	7.98	6.4	2.518	89.0	1.9	1.3	0.4
1425	1/23/2015 10:01:13	11.90	47.06	30.53	7.93	8.00	5.9	2.605	89.0	2.3	1.6	0.5
1426	1/23/2015 10:16:13	11.97	47.34	30.73	7.96	8.00	5.7	2.714	89.5	1.9	1.3	0.5
1427	1/23/2015 10:31:12	12.03	47.41	30.78	7.99	8.01	5.6	2.788	90.0	2.1	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 = 0.7)	Fluorescence %FS
1428	1/23/2015 10:46:12	12.05	47.55	30.89	7.94	8.01	6.2	2.874	89.6	2.2	1.5	0.5
1429	1/23/2015 11:01:12	12.05	47.63	30.94	7.97	8.01	7.0	2.979	89.9	2.0	1.4	0.5
1430	1/23/2015 11:16:12	12.04	47.61	30.93	7.94	8.01	7.8	3.066	89.6	2.4	1.7	0.6
1431	1/23/2015 11:31:12	12.04	47.91	31.14	7.91	8.02	8.3	3.139	89.4	2.0	1.4	0.5
1432	1/23/2015 11:46:12	11.98	48.10	31.28	8.03	8.02	9.8	3.233	90.6	1.8	1.3	0.4
1433	1/23/2015 12:01:13	11.93	48.30	31.42	7.94	8.03	9.0	3.332	89.6	1.8	1.3	0.4
1434	1/23/2015 12:16:13	11.88	48.52	31.58	8.18	8.03	8.9	3.447	92.3	2.2	1.5	0.5
1435	1/23/2015 12:31:12	11.80	48.89	31.84	8.17	8.04	9.7	3.515	92.1	1.4	1.0	0.3
1436	1/23/2015 12:46:13	11.76	49.16	32.04	8.18	8.04	9.6	3.615	92.4	1.5	1.1	0.3
1437	1/23/2015 13:01:12	11.75	49.10	31.99	8.20	8.04	8.7	3.694	92.5	1.6	1.1	0.4
1438	1/23/2015 13:16:12	11.74	49.20	32.06	8.16	8.04	7.3	3.769	92.1	1.7	1.2	0.4
1439	1/23/2015 13:31:13	11.74	49.38	32.19	8.16	8.04	6.7	3.797	92.2	1.5	1.1	0.4
1440	1/23/2015 13:46:13	11.74	49.23	32.08	8.13	8.04	5.3	3.853	91.7	1.1	0.8	0.3
	Mean	11.80	47.71	30.99	8.02	8.00	5.70	2.75	90.06	2.34	1.64	0.55
	Minimum	10.33	44.33	28.58	7.39	7.92	1.90	0.86	83.00	0.90	0.63	0.20
	Maximum	13.37	49.95	32.64	8.82	8.11	74.00	4.19	98.90	4.50	3.15	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 13:15; value = 1.05

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 = 0.64)	Fluorescence %FS
0	1/23/2015 14:16:04	12.01	46.55	30.16	8.55	7.88	26.0	2.752	95.9	2.3	1.5	0.5
1	1/23/2015 14:31:04	11.73	49.61	32.36	8.21	7.99	5.7	3.691	92.9	1.4	0.9	0.3
2	1/23/2015 14:46:05	11.80	49.50	32.28	8.29	8.00	5.3	3.599	93.9	1.0	0.6	0.2
3	1/23/2015 15:01:04	12.10	49.12	32.02	8.70	8.02	5.2	3.476	98.9	1.4	0.9	0.3
4	1/23/2015 15:16:05	12.07	49.09	32.00	8.54	8.01	4.7	3.372	97.0	0.9	0.6	0.2
5	1/23/2015 15:31:05	12.16	48.88	31.85	8.52	8.00	4.1	3.270	96.8	1.2	0.8	0.3
6	1/23/2015 15:46:04	12.32	48.30	31.44	8.63	8.00	4.7	3.132	98.3	1.6	1.0	0.4
7	1/23/2015 16:01:04	12.30	48.34	31.46	8.59	8.00	4.5	3.038	97.8	1.8	1.2	0.4
8	1/23/2015 16:16:04	12.31	48.29	31.43	8.59	8.00	4.2	2.901	97.8	1.6	1.0	0.4
9	1/23/2015 16:31:04	12.34	48.12	31.30	8.62	8.00	4.3	2.773	98.0	2.2	1.4	0.5
10	1/23/2015 16:46:04	12.29	48.02	31.24	8.55	7.99	4.3	2.648	97.1	2.3	1.5	0.6
11	1/23/2015 17:01:05	12.27	47.85	31.11	8.51	7.98	5.1	2.520	96.5	2.1	1.3	0.5
12	1/23/2015 17:16:05	12.21	47.90	31.15	8.52	7.99	5.0	2.376	96.6	2.0	1.3	0.5
13	1/23/2015 17:31:05	12.20	47.76	31.04	8.61	7.99	5.9	2.223	97.5	2.2	1.4	0.5
14	1/23/2015 17:46:05	12.22	47.47	30.83	8.57	7.98	5.9	2.092	96.9	2.5	1.6	0.6
15	1/23/2015 18:01:04	12.25	47.17	30.62	8.59	7.98	6.8	1.912	97.2	2.6	1.7	0.6
16	1/23/2015 18:16:04	12.25	47.12	30.58	8.60	7.97	7.8	1.776	97.3	2.4	1.5	0.6
17	1/23/2015 18:31:05	12.21	47.09	30.56	8.63	7.98	8.6	1.627	97.5	2.9	1.9	0.7
18	1/23/2015 18:46:05	12.25	46.90	30.43	8.70	7.97	8.1	1.505	98.3	2.8	1.8	0.7
19	1/23/2015 19:01:05	12.27	46.72	30.30	8.81	7.98	8.3	1.384	99.5	2.9	1.9	0.7
20	1/23/2015 19:16:05	12.26	46.61	30.21	8.90	7.98	7.2	1.237	100.4	2.7	1.7	0.6
21	1/23/2015 19:31:05	12.24	46.43	30.09	9.06	7.99	7.2	1.171	102.1	3.3	2.1	0.8
22	1/23/2015 19:46:05	12.20	46.30	29.99	9.18	7.99	7.0	1.094	103.3	2.9	1.9	0.7
23	1/23/2015 20:01:05	12.20	46.40	30.06	9.06	7.99	6.7	1.086	102.0	3.2	2.0	0.8
24	1/23/2015 20:16:04	12.21	46.39	30.05	9.08	7.99	5.6	1.109	102.3	2.8	1.8	0.7
25	1/23/2015 20:31:05	12.21	46.42	30.08	9.02	7.98	8.0	1.190	101.6	2.9	1.9	0.7
26	1/23/2015 20:46:05	12.24	46.41	30.07	9.01	7.98	5.4	1.289	101.5	2.7	1.7	0.6
27	1/23/2015 21:01:05	12.19	46.25	29.96	8.95	7.97	5.9	1.380	100.6	2.1	1.3	0.5
28	1/23/2015 21:16:05	12.17	45.99	29.77	8.86	7.96	6.2	1.478	99.5	2.7	1.7	0.6
29	1/23/2015 21:31:05	12.21	46.14	29.88	8.80	7.96	6.5	1.573	99.0	3.0	1.9	0.7
30	1/23/2015 21:46:05	12.19	45.95	29.74	8.75	7.95	6.0	1.673	98.3	2.4	1.5	0.6
31	1/23/2015 22:01:05	12.21	46.10	29.85	8.71	7.95	6.1	1.792	97.9	2.5	1.6	0.6
32	1/23/2015 22:16:05	12.21	46.16	29.89	8.68	7.95	5.7	1.862	97.6	2.2	1.4	0.5
33	1/23/2015 22:31:05	12.25	46.45	30.10	8.62	7.96	5.6	1.975	97.2	2.2	1.4	0.5
34	1/23/2015 22:46:05	12.25	46.99	30.49	8.50	7.96	5.9	2.061	96.0	2.6	1.7	0.6
35	1/23/2015 23:01:05	12.25	47.19	30.63	8.46	7.96	6.2	2.163	95.7	2.3	1.5	0.5
36	1/23/2015 23:16:05	12.21	47.21	30.65	8.46	7.96	5.6	2.278	95.6	2.7	1.7	0.6
37	1/23/2015 23:31:05	12.23	47.45	30.82	8.41	7.97	6.2	2.396	95.2	2.0	1.3	0.5
38	1/23/2015 23:46:05	12.21	47.55	30.89	8.38	7.97	6.3	2.505	94.9	2.4	1.5	0.6
39	1/24/2015 00:01:05	12.21	47.67	30.98	8.36	7.97	7.1	2.625	94.7	1.9	1.2	0.5
40	1/24/2015 00:16:05	12.21	47.81	31.08	8.33	7.97	8.3	2.714	94.4	1.5	1.0	0.4
41	1/24/2015 00:31:05	12.18	47.93	31.17	8.32	7.97	10.0	2.816	94.2	1.4	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 = 0.64)	Fluorescence %FS
42	1/24/2015 00:46:05	12.13	48.22	31.37	8.28	7.98	9.8	2.949	93.9	2.0	1.3	0.5
43	1/24/2015 01:01:05	12.03	48.64	31.67	8.34	7.99	11.4	3.063	94.5	2.1	1.3	0.5
44	1/24/2015 01:16:05	11.95	48.98	31.91	8.44	7.99	13.7	3.150	95.6	1.9	1.2	0.4
45	1/24/2015 01:31:05	11.83	49.29	32.13	8.49	8.00	12.6	3.255	96.1	1.7	1.1	0.4
46	1/24/2015 01:46:05	11.69	49.71	32.43	8.59	8.00	12.1	3.392	97.1	2.1	1.3	0.5
47	1/24/2015 02:01:05	11.62	49.91	32.57	8.58	8.00	11.1	3.462	97.0	1.8	1.2	0.4
48	1/24/2015 02:16:05	11.57	50.04	32.66	8.55	8.00	10.1	3.552	96.5	1.4	0.9	0.3
49	1/24/2015 02:31:05	11.56	50.07	32.68	8.51	8.00	8.7	3.631	96.1	0.7	0.4	0.2
50	1/24/2015 02:46:05	11.55	50.10	32.71	8.48	8.01	7.0	3.652	95.8	1.3	0.8	0.3
51	1/24/2015 03:01:05	11.53	50.13	32.73	8.42	8.01	5.0	3.701	95.0	1.2	0.8	0.3
52	1/24/2015 03:16:04	11.60	49.81	32.50	8.42	8.00	6.3	3.695	95.0	1.3	0.8	0.3
53	1/24/2015 03:31:05	11.56	50.03	32.65	8.44	8.00	7.8	3.659	95.3	1.5	1.0	0.4
54	1/24/2015 03:46:05	11.72	49.21	32.07	8.39	7.99	5.4	3.607	94.6	1.3	0.8	0.3
55	1/24/2015 04:01:05	11.65	48.99	31.90	8.41	7.99	5.0	3.535	94.7	1.1	0.7	0.3
56	1/24/2015 04:16:05	11.72	49.07	31.97	8.38	7.99	5.2	3.430	94.5	1.5	1.0	0.3
57	1/24/2015 04:31:05	11.72	48.98	31.90	8.38	7.98	4.8	3.333	94.4	1.5	1.0	0.4
58	1/24/2015 04:46:05	11.83	48.50	31.56	8.31	7.98	7.0	3.210	93.7	1.2	0.8	0.3
59	1/24/2015 05:01:05	11.81	48.55	31.59	8.28	7.97	5.0	3.089	93.4	1.4	0.9	0.3
60	1/24/2015 05:16:05	11.84	48.50	31.56	8.28	7.97	4.8	2.987	93.3	1.4	0.9	0.3
61	1/24/2015 05:31:05	11.81	48.52	31.57	8.27	7.97	4.2	2.875	93.2	1.3	0.8	0.3
62	1/24/2015 05:46:05	11.80	48.28	31.40	8.26	7.97	4.1	2.758	93.0	1.2	0.8	0.3
63	1/24/2015 06:01:05	11.90	47.75	31.02	8.23	7.96	5.5	2.654	92.6	1.7	1.1	0.4
64	1/24/2015 06:16:05	11.89	47.88	31.11	8.25	7.96	4.8	2.557	92.9	2.0	1.3	0.5
65	1/24/2015 06:31:05	11.93	47.59	30.90	8.25	7.96	5.3	2.464	92.8	1.8	1.2	0.4
66	1/24/2015 06:46:05	11.86	47.64	30.94	8.23	7.95	5.1	2.336	92.5	1.7	1.1	0.4
67	1/24/2015 07:01:05	11.82	47.63	30.93	8.19	7.95	4.9	2.239	91.9	1.9	1.2	0.4
68	1/24/2015 07:16:05	11.79	47.63	30.93	8.16	7.95	4.7	2.137	91.5	1.4	0.9	0.3
69	1/24/2015 07:31:05	11.82	47.36	30.74	8.14	7.94	4.6	2.042	91.3	1.9	1.2	0.4
70	1/24/2015 07:46:05	11.84	47.09	30.54	8.13	7.93	4.4	1.968	91.1	1.7	1.1	0.4
71	1/24/2015 08:01:05	11.75	47.11	30.56	8.12	7.93	4.4	1.883	90.8	2.2	1.4	0.5
72	1/24/2015 08:16:05	11.78	46.84	30.36	8.17	7.93	4.3	1.850	91.3	2.0	1.3	0.5
73	1/24/2015 08:31:05	11.78	46.72	30.28	8.19	7.93	4.1	1.805	91.4	2.2	1.4	0.5
74	1/24/2015 08:46:05	11.80	46.67	30.24	8.13	7.93	3.4	1.780	90.9	2.3	1.5	0.5
75	1/24/2015 09:01:05	11.80	46.78	30.32	8.19	7.93	3.9	1.792	91.5	2.3	1.5	0.5
76	1/24/2015 09:16:05	11.83	46.85	30.37	8.17	7.93	3.9	1.849	91.4	1.8	1.2	0.4
77	1/24/2015 09:31:05	11.87	46.81	30.34	8.20	7.93	4.2	1.909	91.9	2.6	1.7	0.6
78	1/24/2015 09:46:05	11.88	46.84	30.36	8.20	7.94	3.8	1.979	91.9	2.0	1.3	0.5
79	1/24/2015 10:01:05	11.68	46.39	30.03	8.27	7.93	5.1	2.063	92.1	2.1	1.3	0.5
80	1/24/2015 10:16:05	11.78	46.74	30.29	8.21	7.93	5.4	2.147	91.8	1.9	1.2	0.5
81	1/24/2015 10:31:05	11.84	46.90	30.41	8.20	7.94	4.7	2.233	91.8	1.7	1.1	0.4
82	1/24/2015 10:46:05	11.85	47.18	30.61	8.20	7.94	5.2	2.309	91.9	1.7	1.1	0.4
83	1/24/2015 11:01:05	11.87	47.50	30.84	8.20	7.95	4.6	2.415	92.1	1.6	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 = 0.64)	Fluorescence %FS
84	1/24/2015 11:16:05	11.92	47.73	31.01	8.22	7.95	4.9	2.497	92.5	1.7	1.1	0.4
85	1/24/2015 11:31:05	11.97	47.94	31.16	8.23	7.96	4.3	2.570	92.8	1.4	0.9	0.3
86	1/24/2015 11:46:05	12.00	48.04	31.24	8.22	7.96	4.6	2.647	92.8	1.3	0.8	0.3
87	1/24/2015 12:01:05	12.00	48.12	31.30	8.24	7.96	4.8	2.722	93.0	1.9	1.2	0.4
88	1/24/2015 12:16:05	11.99	48.22	31.37	8.27	7.97	5.3	2.817	93.5	1.8	1.2	0.4
89	1/24/2015 12:31:05	11.96	48.39	31.49	8.27	7.97	6.0	2.899	93.4	1.9	1.2	0.5
90	1/24/2015 12:46:05	11.95	48.50	31.56	8.26	7.97	6.1	2.989	93.4	1.7	1.1	0.4
91	1/24/2015 13:01:05	11.92	48.64	31.67	8.29	7.98	7.7	3.049	93.8	1.0	0.6	0.2
92	1/24/2015 13:16:05	11.90	48.82	31.80	8.36	7.98	7.6	3.147	94.5	0.9	0.6	0.2
93	1/24/2015 13:31:05	11.87	48.97	31.90	8.41	7.99	7.5	3.228	95.1	1.3	0.8	0.3
94	1/24/2015 13:46:05	11.81	49.21	32.07	8.46	7.99	8.9	3.313	95.7	1.1	0.7	0.3
95	1/24/2015 14:01:05	11.76	49.42	32.22	8.50	8.00	8.1	3.380	96.1	1.3	0.8	0.3
96	1/24/2015 14:16:05	11.75	49.48	32.26	8.52	8.00	7.0	3.443	96.3	1.0	0.6	0.2
97	1/24/2015 14:31:05	11.74	49.54	32.31	8.54	8.00	6.9	3.478	96.5	1.2	0.8	0.3
98	1/24/2015 14:46:05	11.74	49.56	32.33	8.52	8.00	4.8	3.506	96.3	1.0	0.6	0.2
99	1/24/2015 15:01:05	11.81	49.42	32.23	8.53	8.00	4.7	3.495	96.5	1.6	1.0	0.4
100	1/24/2015 15:16:05	11.77	49.50	32.28	8.48	8.00	5.5	3.488	95.9	1.3	0.8	0.3
101	1/24/2015 15:31:05	11.78	49.53	32.31	8.48	7.99	5.7	3.436	96.0	0.5	0.3	0.1
102	1/24/2015 15:46:05	12.03	49.06	31.98	8.66	8.01	5.6	3.369	98.3	1.4	0.9	0.3
103	1/24/2015 16:01:05	12.20	48.82	31.81	8.72	8.01	6.1	3.282	99.3	2.1	1.3	0.5
104	1/24/2015 16:16:05	12.08	48.95	31.90	8.57	8.00	4.4	3.172	97.3	1.3	0.8	0.3
105	1/24/2015 16:31:05	12.23	48.57	31.63	8.60	8.00	4.5	3.064	97.8	1.4	0.9	0.3
106	1/24/2015 16:46:05	12.27	48.37	31.48	8.61	8.00	4.3	2.952	97.9	1.7	1.1	0.4
107	1/24/2015 17:01:05	12.26	48.31	31.44	8.59	7.99	5.0	2.835	97.7	1.9	1.2	0.4
108	1/24/2015 17:16:05	12.26	48.24	31.39	8.59	7.99	4.3	2.743	97.6	1.4	0.9	0.3
109	1/24/2015 17:31:05	12.23	48.12	31.31	8.58	7.99	3.4	2.644	97.4	1.5	1.0	0.4
110	1/24/2015 17:46:05	12.15	48.15	31.32	8.44	7.98	4.2	2.518	95.7	2.4	1.5	0.6
111	1/24/2015 18:01:05	12.19	47.93	31.16	8.49	7.98	3.9	2.389	96.2	1.9	1.2	0.5
112	1/24/2015 18:16:05	12.28	47.55	30.90	8.56	7.98	4.7	2.275	97.0	2.2	1.4	0.5
113	1/24/2015 18:31:05	12.22	47.66	30.97	8.49	7.98	5.3	2.158	96.2	2.5	1.6	0.6
114	1/24/2015 18:46:05	12.25	47.45	30.82	8.49	7.97	5.1	2.024	96.2	2.7	1.7	0.6
115	1/24/2015 19:01:05	12.27	47.31	30.72	8.54	7.97	5.6	1.905	96.6	2.5	1.6	0.6
116	1/24/2015 19:16:05	12.16	47.48	30.84	8.53	7.98	6.0	1.786	96.5	2.3	1.5	0.5
117	1/24/2015 19:31:05	12.24	47.21	30.65	8.55	7.97	5.8	1.663	96.7	2.3	1.5	0.5
118	1/24/2015 19:46:05	12.27	47.10	30.57	8.63	7.98	6.0	1.569	97.6	2.7	1.7	0.6
119	1/24/2015 20:01:05	12.34	46.88	30.41	8.79	7.98	6.1	1.472	99.5	2.5	1.6	0.6
120	1/24/2015 20:16:05	12.37	46.76	30.33	8.88	7.99	5.2	1.407	100.5	3.3	2.1	0.8
121	1/24/2015 20:31:05	12.36	46.71	30.29	8.92	7.99	4.8	1.338	100.9	3.0	1.9	0.7
122	1/24/2015 20:46:05	12.34	46.68	30.27	8.92	7.99	5.1	1.346	100.9	3.3	2.1	0.8
123	1/24/2015 21:01:05	12.33	46.74	30.31	8.89	7.99	4.5	1.353	100.5	2.6	1.7	0.6
124	1/24/2015 21:16:05	12.36	46.71	30.29	8.90	7.99	3.7	1.378	100.6	2.4	1.5	0.6
125	1/24/2015 21:31:05	12.35	46.75	30.32	8.84	7.98	4.0	1.451	100.0	2.6	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 = 0.64)	Fluorescence %FS
126	1/24/2015 21:46:05	12.33	46.78	30.34	8.75	7.97	4.0	1.524	98.9	2.3	1.5	0.5
127	1/24/2015 22:01:05	12.31	46.31	30.00	8.70	7.96	5.6	1.618	98.2	2.6	1.7	0.6
128	1/24/2015 22:16:05	12.31	46.27	29.97	8.67	7.96	4.9	1.721	97.8	2.4	1.5	0.6
129	1/24/2015 22:31:05	12.30	46.11	29.86	8.64	7.95	5.2	1.811	97.4	2.8	1.8	0.7
130	1/24/2015 22:46:05	12.30	46.35	30.03	8.64	7.96	4.8	1.917	97.4	2.3	1.5	0.5
131	1/24/2015 23:01:05	12.31	46.69	30.28	8.61	7.96	4.8	2.016	97.3	2.5	1.6	0.6
132	1/24/2015 23:16:05	12.29	47.13	30.59	8.53	7.97	4.9	2.107	96.5	1.8	1.2	0.4
133	1/24/2015 23:31:05	12.25	47.44	30.81	8.46	7.97	4.3	2.201	95.8	2.0	1.3	0.5
134	1/24/2015 23:46:05	12.22	47.65	30.96	8.40	7.97	4.6	2.303	95.2	1.9	1.2	0.4
135	1/25/2015 00:01:05	12.22	47.74	31.03	8.39	7.96	4.8	2.405	95.1	2.4	1.5	0.6
136	1/25/2015 00:16:05	12.22	47.84	31.10	8.39	7.97	5.1	2.505	95.1	2.0	1.3	0.5
137	1/25/2015 00:31:05	12.20	48.00	31.21	8.38	7.97	6.1	2.604	95.0	1.7	1.1	0.4
138	1/25/2015 00:46:05	12.18	48.08	31.27	8.37	7.97	6.4	2.712	94.9	1.6	1.0	0.4
139	1/25/2015 01:01:05	12.15	48.17	31.34	8.37	7.97	8.7	2.819	94.8	2.0	1.3	0.5
140	1/25/2015 01:16:05	12.09	48.36	31.47	8.37	7.97	10.3	2.931	94.8	2.6	1.7	0.6
141	1/25/2015 01:31:05	12.02	48.61	31.65	8.38	7.98	9.7	3.031	94.9	1.9	1.2	0.5
142	1/25/2015 01:46:05	11.90	49.01	31.93	8.50	7.98	11.0	3.131	96.2	1.9	1.2	0.4
143	1/25/2015 02:01:05	11.84	49.19	32.06	8.54	7.99	12.5	3.249	96.6	1.5	1.0	0.4
144	1/25/2015 02:16:05	11.79	49.33	32.16	8.58	7.99	13.0	3.362	97.0	1.9	1.2	0.4
145	1/25/2015 02:31:05	11.71	49.52	32.29	8.57	8.00	12.3	3.448	96.9	1.5	1.0	0.3
146	1/25/2015 02:46:05	11.59	49.87	32.54	8.65	8.00	10.3	3.543	97.6	1.5	1.0	0.3
147	1/25/2015 03:01:05	11.55	50.00	32.63	8.66	8.01	9.7	3.625	97.8	1.2	0.8	0.3
148	1/25/2015 03:16:05	11.51	50.08	32.69	8.66	8.01	8.9	3.683	97.6	0.9	0.6	0.2
149	1/25/2015 03:31:05	11.50	50.12	32.72	8.66	8.01	8.3	3.720	97.6	1.5	1.0	0.4
150	1/25/2015 03:46:05	11.50	50.10	32.70	8.60	8.01	5.6	3.732	97.0	1.1	0.7	0.3
151	1/25/2015 04:01:05	11.53	50.00	32.63	8.57	8.00	7.2	3.729	96.7	1.2	0.8	0.3
152	1/25/2015 04:16:05	11.51	50.06	32.67	8.61	8.01	7.5	3.699	97.1	0.9	0.6	0.2
153	1/25/2015 04:31:05	11.49	50.10	32.71	8.61	8.01	7.9	3.635	97.0	1.2	0.8	0.3
154	1/25/2015 04:46:05	11.70	49.22	32.07	8.43	7.98	4.9	3.576	95.1	1.1	0.7	0.3
155	1/25/2015 05:01:05	11.67	49.00	31.91	8.43	7.98	4.9	3.473	94.9	1.0	0.6	0.2
156	1/25/2015 05:16:05	11.71	49.03	31.93	8.41	7.98	4.3	3.374	94.8	1.1	0.7	0.3
157	1/25/2015 05:31:05	11.77	48.88	31.83	8.37	7.98	4.7	3.269	94.4	1.4	0.9	0.3
158	1/25/2015 05:46:05	11.80	48.72	31.72	8.35	7.97	5.7	3.146	94.2	1.4	0.9	0.3
159	1/25/2015 06:01:05	11.79	48.63	31.65	8.30	7.96	4.2	3.059	93.5	1.5	1.0	0.4
160	1/25/2015 06:16:05	11.81	48.37	31.47	8.28	7.96	4.0	2.948	93.3	1.3	0.8	0.3
161	1/25/2015 06:31:05	11.77	48.31	31.42	8.29	7.96	3.7	2.836	93.3	1.6	1.0	0.4
162	1/25/2015 06:46:05	11.74	48.44	31.51	8.29	7.96	3.8	2.724	93.2	1.5	1.0	0.4
163	1/25/2015 07:01:05	11.75	48.54	31.59	8.27	7.96	3.8	2.632	93.1	1.5	1.0	0.4
164	1/25/2015 07:16:05	11.74	48.44	31.51	8.27	7.96	3.9	2.531	93.1	1.7	1.1	0.4
165	1/25/2015 07:31:05	11.85	47.77	31.03	8.25	7.95	4.5	2.410	92.7	1.6	1.0	0.4
166	1/25/2015 07:46:05	11.82	47.70	30.98	8.21	7.95	4.1	2.322	92.3	1.7	1.1	0.4
167	1/25/2015 08:01:05	11.85	47.65	30.94	8.19	7.95	4.2	2.226	92.0	1.6	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 = 0.64)	Fluorescence %FS
168	1/25/2015 08:16:04	11.79	47.75	31.02	8.20	7.95	4.0	2.123	92.0	2.2	1.4	0.5
169	1/25/2015 08:31:05	11.78	47.72	31.00	8.25	7.95	3.7	2.043	92.6	1.3	0.8	0.3
170	1/25/2015 08:46:05	11.85	47.38	30.75	8.29	7.95	3.6	1.959	93.1	1.4	0.9	0.3
171	1/25/2015 09:01:05	11.82	47.34	30.72	8.39	7.95	3.4	1.884	94.0	1.9	1.2	0.4
172	1/25/2015 09:16:05	11.90	47.14	30.58	8.34	7.95	3.3	1.833	93.6	2.1	1.3	0.5
173	1/25/2015 09:31:05	11.90	47.08	30.54	8.38	7.95	3.2	1.804	94.0	2.3	1.5	0.6
174	1/25/2015 09:46:05	11.94	47.01	30.49	8.32	7.95	3.4	1.793	93.4	2.7	1.7	0.6
175	1/25/2015 10:01:05	11.94	47.04	30.51	8.34	7.95	2.9	1.794	93.7	2.5	1.6	0.6
176	1/25/2015 10:16:05	11.96	47.09	30.55	8.33	7.95	3.1	1.821	93.5	2.1	1.3	0.5
177	1/25/2015 10:31:05	12.00	47.15	30.59	8.28	7.94	3.2	1.876	93.1	2.1	1.3	0.5
178	1/25/2015 10:46:05	12.07	47.16	30.60	8.25	7.94	3.1	1.940	92.9	2.5	1.6	0.6
179	1/25/2015 11:01:05	11.92	46.84	30.37	8.29	7.93	4.0	2.011	92.9	1.7	1.1	0.4
180	1/25/2015 11:16:05	11.90	46.82	30.35	8.26	7.93	4.0	2.081	92.5	1.9	1.2	0.4
181	1/25/2015 11:31:05	11.93	47.16	30.60	8.24	7.94	3.9	2.176	92.5	2.0	1.3	0.5
182	1/25/2015 11:46:05	11.93	47.23	30.65	8.23	7.94	4.0	2.255	92.4	2.2	1.4	0.5
183	1/25/2015 12:01:05	11.89	47.53	30.86	8.20	7.94	4.2	2.331	92.2	1.8	1.2	0.4
184	1/25/2015 12:16:05	11.91	47.82	31.07	8.23	7.95	3.9	2.415	92.6	1.6	1.0	0.4
185	1/25/2015 12:31:05	11.97	47.95	31.17	8.26	7.95	4.0	2.486	93.2	1.3	0.8	0.3
186	1/25/2015 12:46:05	12.02	48.11	31.29	8.30	7.96	3.9	2.563	93.7	1.6	1.0	0.4
187	1/25/2015 13:01:05	12.04	48.17	31.33	8.30	7.96	3.7	2.625	93.9	1.3	0.8	0.3
188	1/25/2015 13:16:05	12.06	48.23	31.37	8.32	7.96	4.0	2.700	94.1	1.6	1.0	0.4
189	1/25/2015 13:31:05	12.04	48.28	31.41	8.33	7.96	4.0	2.768	94.2	1.9	1.2	0.5
190	1/25/2015 13:46:05	12.02	48.41	31.50	8.31	7.96	4.3	2.842	94.0	1.4	0.9	0.3
191	1/25/2015 14:01:05	12.01	48.49	31.56	8.30	7.96	4.3	2.928	93.9	2.0	1.3	0.5
192	1/25/2015 14:16:05	11.98	48.56	31.61	8.31	7.97	4.8	2.991	94.0	1.7	1.1	0.4
193	1/25/2015 14:31:05	11.99	48.71	31.72	8.36	7.97	5.2	3.065	94.7	1.7	1.1	0.4
194	1/25/2015 14:46:05	11.97	48.82	31.80	8.39	7.97	4.7	3.132	95.0	1.3	0.8	0.3
195	1/25/2015 15:01:05	11.97	48.91	31.87	8.40	7.98	4.9	3.191	95.2	1.6	1.0	0.4
196	1/25/2015 15:16:05	11.96	48.99	31.92	8.41	7.98	4.5	3.248	95.2	1.3	0.8	0.3
197	1/25/2015 15:31:05	11.92	49.16	32.04	8.44	7.98	4.8	3.293	95.6	0.7	0.4	0.2
198	1/25/2015 15:46:05	11.88	49.26	32.11	8.42	7.98	4.1	3.307	95.4	1.0	0.6	0.2
199	1/25/2015 16:01:05	12.01	48.99	31.93	8.47	7.98	3.9	3.320	96.1	1.3	0.8	0.3
200	1/25/2015 16:16:05	11.90	49.21	32.08	8.37	7.98	3.7	3.313	94.8	1.5	1.0	0.4
201	1/25/2015 16:31:05	11.92	49.16	32.04	8.37	7.98	5.2	3.255	94.9	0.7	0.4	0.2
202	1/25/2015 16:46:05	12.02	48.90	31.86	8.44	7.98	4.8	3.201	95.7	1.5	1.0	0.4
203	1/25/2015 17:01:05	12.29	48.43	31.53	8.71	8.00	4.2	3.112	99.2	1.6	1.0	0.4
204	1/25/2015 17:16:05	12.19	48.65	31.69	8.57	7.99	3.6	3.025	97.5	1.1	0.7	0.3
205	1/25/2015 17:31:05	12.21	48.40	31.50	8.44	7.98	4.4	2.936	95.9	1.2	0.8	0.3
206	1/25/2015 17:46:05	12.23	48.29	31.43	8.44	7.98	3.6	2.832	95.8	1.3	0.8	0.3
207	1/25/2015 18:01:05	12.27	48.22	31.38	8.46	7.98	3.9	2.758	96.2	1.9	1.2	0.4
208	1/25/2015 18:16:05	12.28	48.12	31.30	8.48	7.98	3.4	2.661	96.4	1.9	1.2	0.4
209	1/25/2015 18:31:05	12.23	48.06	31.26	8.43	7.98	3.2	2.554	95.6	2.3	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 = 0.64)	Fluorescence %FS
210	1/25/2015 18:46:06	12.28	47.76	31.04	8.52	7.98	3.3	2.458	96.6	1.9	1.2	0.5
211	1/25/2015 19:01:05	12.15	48.00	31.22	8.39	7.97	3.2	2.364	95.1	2.0	1.3	0.5
212	1/25/2015 19:16:05	12.24	47.71	31.01	8.51	7.97	3.6	2.269	96.5	1.8	1.2	0.4
213	1/25/2015 19:31:05	12.28	47.55	30.89	8.47	7.97	3.5	2.162	95.9	2.3	1.5	0.5
214	1/25/2015 19:46:05	12.19	47.68	30.98	8.42	7.97	3.9	2.074	95.3	1.9	1.2	0.5
215	1/25/2015 20:01:05	12.28	47.47	30.83	8.44	7.97	3.9	1.991	95.6	2.4	1.5	0.6
216	1/25/2015 20:16:05	12.22	47.54	30.89	8.41	7.97	3.7	1.895	95.1	2.3	1.5	0.5
217	1/25/2015 20:31:05	12.22	47.47	30.83	8.43	7.97	3.6	1.811	95.4	2.1	1.3	0.5
218	1/25/2015 20:46:05	12.30	47.32	30.73	8.57	7.97	3.7	1.750	97.1	2.2	1.4	0.5
219	1/25/2015 21:01:05	12.39	47.16	30.62	8.66	7.98	3.4	1.699	98.2	2.0	1.3	0.5
220	1/25/2015 21:16:05	12.42	47.10	30.58	8.72	7.98	3.3	1.650	99.0	2.6	1.7	0.6
221	1/25/2015 21:31:05	12.44	46.94	30.46	8.72	7.99	2.9	1.628	98.9	2.6	1.7	0.6
222	1/25/2015 21:46:05	12.40	46.97	30.48	8.72	7.99	2.8	1.652	98.8	2.3	1.5	0.5
223	1/25/2015 22:01:05	12.40	46.99	30.49	8.78	7.99	2.9	1.676	99.6	2.2	1.4	0.5
224	1/25/2015 22:16:05	12.38	47.06	30.54	8.73	7.98	2.9	1.723	99.0	2.2	1.4	0.5
225	1/25/2015 22:31:05	12.37	47.08	30.56	8.70	7.98	3.2	1.780	98.6	2.4	1.5	0.6
226	1/25/2015 22:46:05	12.41	46.77	30.33	8.69	7.97	4.7	1.856	98.4	1.8	1.2	0.4
227	1/25/2015 23:01:05	12.41	46.72	30.30	8.66	7.97	4.0	1.942	98.0	2.4	1.5	0.6
228	1/25/2015 23:16:05	12.44	46.70	30.28	8.67	7.97	4.1	2.023	98.2	2.3	1.5	0.5
229	1/25/2015 23:31:05	12.40	47.03	30.52	8.60	7.97	3.9	2.106	97.5	2.1	1.3	0.5
230	1/25/2015 23:46:05	12.37	47.26	30.69	8.57	7.97	3.6	2.198	97.2	2.3	1.5	0.5
231	1/26/2015 00:01:05	12.31	47.60	30.93	8.48	7.97	3.7	2.278	96.2	2.1	1.3	0.5
232	1/26/2015 00:16:05	12.24	47.78	31.05	8.43	7.96	3.8	2.362	95.5	1.7	1.1	0.4
233	1/26/2015 00:31:05	12.18	47.93	31.17	8.35	7.96	3.5	2.446	94.6	2.1	1.3	0.5
234	1/26/2015 00:46:05	12.17	48.00	31.21	8.35	7.96	3.7	2.534	94.6	1.8	1.2	0.4
235	1/26/2015 01:01:05	12.16	48.08	31.27	8.34	7.96	4.3	2.625	94.5	1.6	1.0	0.4
236	1/26/2015 01:16:05	12.15	48.19	31.35	8.34	7.96	5.0	2.722	94.5	2.2	1.4	0.5
237	1/26/2015 01:31:05	12.12	48.28	31.41	8.33	7.97	5.3	2.810	94.5	1.4	0.9	0.3
238	1/26/2015 01:46:05	12.09	48.38	31.48	8.33	7.97	6.2	2.919	94.4	1.8	1.2	0.4
239	1/26/2015 02:01:05	11.99	48.61	31.65	8.33	7.97	7.9	3.009	94.3	2.0	1.3	0.5
240	1/26/2015 02:16:05	11.93	48.78	31.77	8.31	7.97	8.4	3.116	94.0	1.6	1.0	0.4
241	1/26/2015 02:31:05	11.86	49.03	31.94	8.30	7.97	9.7	3.224	93.9	1.5	1.0	0.4
242	1/26/2015 02:46:05	11.78	49.25	32.10	8.35	7.98	11.6	3.318	94.4	1.5	1.0	0.4
243	1/26/2015 03:01:06	11.69	49.42	32.22	8.42	7.98	10.8	3.431	95.1	1.8	1.2	0.4
244	1/26/2015 03:16:05	11.67	49.51	32.29	8.46	7.99	10.4	3.510	95.5	1.5	1.0	0.4
245	1/26/2015 03:31:05	11.62	49.63	32.37	8.48	7.99	8.6	3.598	95.7	1.3	0.8	0.3
246	1/26/2015 03:46:05	11.56	49.75	32.45	8.51	8.00	7.5	3.664	95.9	1.5	1.0	0.4
247	1/26/2015 04:01:05	11.51	49.83	32.51	8.51	8.00	7.5	3.706	95.9	1.0	0.6	0.2
248	1/26/2015 04:16:05	11.49	49.88	32.54	8.50	8.00	5.9	3.739	95.7	0.9	0.6	0.2
249	1/26/2015 04:31:05	11.47	49.89	32.55	8.47	8.00	5.3	3.773	95.3	1.1	0.7	0.3
250	1/26/2015 04:46:05	11.50	49.83	32.50	8.39	8.00	5.7	3.759	94.5	0.5	0.3	0.1
251	1/26/2015 05:01:05	11.51	49.85	32.52	8.44	7.99	6.4	3.727	95.1	1.3	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 = 0.64)	Fluorescence %FS
252	1/26/2015 05:16:05	11.47	49.93	32.58	8.45	8.00	6.5	3.693	95.1	1.0	0.6	0.2
253	1/26/2015 05:31:05	11.64	49.40	32.20	8.34	7.98	5.9	3.624	94.0	1.2	0.8	0.3
254	1/26/2015 05:46:05	11.63	49.30	32.13	8.35	7.98	4.7	3.515	94.0	1.7	1.1	0.4
255	1/26/2015 06:01:05	11.59	49.14	32.01	8.35	7.98	3.9	3.431	93.9	0.9	0.6	0.2
256	1/26/2015 06:16:05	11.66	49.03	31.94	8.31	7.97	3.9	3.348	93.6	1.4	0.9	0.3
257	1/26/2015 06:31:05	11.73	48.78	31.76	8.21	7.96	5.1	3.243	92.5	1.0	0.6	0.2
258	1/26/2015 06:46:05	11.71	48.75	31.73	8.21	7.96	4.1	3.143	92.4	1.1	0.7	0.3
259	1/26/2015 07:01:05	11.73	48.63	31.65	8.18	7.96	3.7	3.034	92.1	1.5	1.0	0.4
260	1/26/2015 07:16:05	11.73	48.51	31.57	8.17	7.95	3.4	2.942	91.9	1.5	1.0	0.4
261	1/26/2015 07:31:05	11.69	48.22	31.35	8.19	7.95	3.0	2.846	92.0	1.5	1.0	0.4
262	1/26/2015 07:46:05	11.70	48.22	31.35	8.18	7.95	3.5	2.731	91.9	1.7	1.1	0.4
263	1/26/2015 08:01:05	11.69	48.38	31.47	8.18	7.95	3.3	2.634	91.9	1.9	1.2	0.4
264	1/26/2015 08:16:05	11.67	48.32	31.42	8.21	7.95	3.2	2.535	92.1	1.3	0.8	0.3
265	1/26/2015 08:31:05	11.65	44.13	28.41	8.38	7.95	3.3	2.431	92.2	1.5	1.0	0.4
266	1/26/2015 08:46:05	11.74	43.55	28.00	8.42	7.95	3.9	2.344	92.7	1.3	0.8	0.3
267	1/26/2015 09:01:05	11.79	43.32	27.84	8.47	7.96	3.6	2.241	93.2	1.6	1.0	0.4
268	1/26/2015 09:16:05	11.80	41.85	26.80	8.65	7.96	3.9	2.135	94.6	2.0	1.3	0.5
269	1/26/2015 09:31:05	11.81	41.69	26.69	8.87	7.98	3.2	2.062	96.9	2.0	1.3	0.5
270	1/26/2015 09:46:05	11.85	41.82	26.78	8.99	7.99	3.4	1.984	98.4	1.7	1.1	0.4
271	1/26/2015 10:01:05	11.94	41.60	26.63	8.99	7.99	3.2	1.893	98.4	2.0	1.3	0.5
272	1/26/2015 10:16:05	11.97	41.29	26.41	8.90	7.98	2.9	1.848	97.5	1.9	1.2	0.5
273	1/26/2015 10:31:05	12.00	40.89	26.13	9.00	7.98	3.1	1.815	98.4	2.2	1.4	0.5
274	1/26/2015 10:46:05	12.02	41.12	26.30	8.79	7.97	2.8	1.782	96.3	2.3	1.5	0.5
275	1/26/2015 11:01:05	12.04	41.78	26.76	8.89	7.98	2.6	1.779	97.7	2.3	1.5	0.5
276	1/26/2015 11:16:05	12.03	42.02	26.93	8.85	7.97	2.8	1.790	97.4	2.5	1.6	0.6
277	1/26/2015 11:31:05	12.05	40.55	25.90	8.83	7.97	2.7	1.817	96.6	1.8	1.2	0.4
278	1/26/2015 11:46:05	12.06	40.06	25.54	8.71	7.96	2.6	1.872	95.0	2.3	1.5	0.5
279	1/26/2015 12:01:05	12.07	39.98	25.49	8.66	7.95	2.6	1.939	94.5	2.0	1.3	0.5
280	1/26/2015 12:16:05	11.96	39.60	25.22	8.66	7.94	3.7	2.016	94.1	2.1	1.3	0.5
281	1/26/2015 12:31:05	11.94	40.06	25.54	8.59	7.94	3.8	2.090	93.5	2.3	1.5	0.5
282	1/26/2015 12:46:05	11.98	40.10	25.58	8.60	7.95	3.2	2.163	93.7	2.3	1.5	0.5
283	1/26/2015 13:01:05	11.97	40.37	25.77	8.58	7.95	3.2	2.237	93.6	2.3	1.5	0.5
284	1/26/2015 13:16:05	11.89	40.45	25.81	8.50	7.94	3.2	2.318	92.5	2.1	1.3	0.5
285	1/26/2015 13:31:05	11.90	40.95	26.17	8.48	7.95	3.3	2.378	92.5	1.8	1.2	0.4
286	1/26/2015 13:46:05	11.92	41.07	26.26	8.51	7.95	3.1	2.443	92.9	1.1	0.7	0.3
287	1/26/2015 14:01:05	11.96	41.19	26.34	8.50	7.95	3.6	2.519	93.0	2.1	1.3	0.5
288	1/26/2015 14:16:05	11.96	41.40	26.49	8.48	7.95	3.1	2.566	92.9	1.6	1.0	0.4
289	1/26/2015 14:31:05	11.98	41.47	26.54	8.47	7.95	2.9	2.639	92.8	1.4	0.9	0.3
290	1/26/2015 14:46:05	12.02	41.39	26.49	8.49	7.96	3.1	2.704	93.1	1.3	0.8	0.3
291	1/26/2015 15:01:05	12.02	41.71	26.71	8.45	7.95	3.0	2.759	92.8	1.5	1.0	0.3
292	1/26/2015 15:16:05	12.00	41.61	26.64	8.45	7.95	3.1	2.820	92.7	1.5	1.0	0.4
293	1/26/2015 15:31:05	11.97	41.69	26.70	8.46	7.95	3.1	2.889	92.8	1.8	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 mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.64)	Fluorescence %FS
294	1/26/2015 15:46:05	11.94	41.87	26.82	8.46	7.96	3.0	2.931	92.8	1.1	0.7	0.3
295	1/26/2015 16:01:05	11.92	41.99	26.91	8.45	7.96	3.5	2.983	92.7	1.5	1.0	0.3
296	1/26/2015 16:16:05	11.91	42.11	26.99	8.48	7.96	2.9	3.028	93.0	1.8	1.2	0.4
297	1/26/2015 16:31:05	11.91	42.47	27.24	8.47	7.96	3.0	3.060	93.1	1.8	1.2	0.4
298	1/26/2015 16:46:05	11.91	42.52	27.28	8.44	7.96	3.4	3.088	92.8	1.2	0.8	0.3
299	1/26/2015 17:01:05	11.92	42.70	27.41	8.44	7.96	3.1	3.111	92.9	1.9	1.2	0.5
300	1/26/2015 17:16:05	11.92	42.88	27.54	8.39	7.96	2.8	3.114	92.4	1.5	1.0	0.4
301	1/26/2015 17:31:05	11.92	43.11	27.70	8.38	7.96	3.3	3.086	92.3	0.9	0.6	0.2
302	1/26/2015 17:46:05	11.91	43.55	28.01	8.35	7.96	3.1	3.046	92.3	1.2	0.8	0.3
303	1/26/2015 18:01:05	11.98	46.46	30.09	8.31	7.96	4.4	2.976	93.2	1.7	1.1	0.4
304	1/26/2015 18:16:05	12.15	48.18	31.34	8.43	7.99	4.1	2.923	95.5	1.7	1.1	0.4
305	1/26/2015 18:31:05	11.99	48.30	31.42	8.27	7.97	3.1	2.830	93.5	2.1	1.3	0.5
306	1/26/2015 18:46:05	11.91	48.36	31.46	8.17	7.95	2.9	2.763	92.2	1.7	1.1	0.4
307	1/26/2015 19:01:05	12.00	48.21	31.35	8.15	7.95	3.0	2.693	92.0	1.8	1.2	0.4
308	1/26/2015 19:16:05	12.03	48.15	31.32	8.14	7.95	3.1	2.620	92.0	1.3	0.8	0.3
309	1/26/2015 19:31:05	12.02	48.10	31.28	8.17	7.95	2.8	2.537	92.3	1.8	1.2	0.4
310	1/26/2015 19:46:05	12.00	47.90	31.14	8.17	7.95	2.9	2.455	92.2	2.0	1.3	0.5
311	1/26/2015 20:01:05	12.02	47.80	31.06	8.21	7.95	3.0	2.382	92.7	1.9	1.2	0.4
312	1/26/2015 20:16:05	12.02	47.69	30.99	8.19	7.95	3.0	2.301	92.4	1.6	1.0	0.4
313	1/26/2015 20:31:05	12.03	47.67	30.97	8.35	7.96	2.9	2.239	94.2	2.5	1.6	0.6
314	1/26/2015 20:46:05	12.05	47.55	30.88	8.36	7.96	2.9	2.163	94.2	2.4	1.5	0.6
315	1/26/2015 21:01:05	12.11	47.44	30.81	8.47	7.97	2.8	2.085	95.6	1.7	1.1	0.4
316	1/26/2015 21:16:05	12.13	47.37	30.76	8.52	7.98	2.8	2.029	96.2	2.4	1.5	0.6
317	1/26/2015 21:31:05	12.16	47.34	30.74	8.66	7.98	2.9	1.975	97.8	1.9	1.2	0.4
318	1/26/2015 21:46:05	12.16	47.36	30.75	8.62	7.98	2.8	1.937	97.4	2.0	1.3	0.5
319	1/26/2015 22:01:05	12.21	47.24	30.67	8.71	7.99	2.6	1.893	98.5	2.7	1.7	0.7
320	1/26/2015 22:16:05	12.20	47.23	30.66	8.59	7.98	2.4	1.898	97.1	2.0	1.3	0.5
321	1/26/2015 22:31:05	12.21	47.23	30.66	8.75	7.99	2.6	1.883	98.9	2.3	1.5	0.5
322	1/26/2015 22:46:06	12.18	47.28	30.69	8.67	7.99	2.6	1.885	97.9	2.3	1.5	0.5
323	1/26/2015 23:01:05	12.18	47.28	30.69	8.65	7.98	2.8	1.927	97.7	2.3	1.5	0.5
324	1/26/2015 23:16:05	12.17	47.29	30.70	8.62	7.98	2.8	1.979	97.4	2.0	1.3	0.5
325	1/26/2015 23:31:05	12.15	47.32	30.72	8.57	7.98	3.0	2.025	96.8	2.1	1.3	0.5
326	1/26/2015 23:46:05	12.17	47.10	30.57	8.59	7.97	3.4	2.089	96.9	2.2	1.4	0.5
327	1/27/2015 00:01:05	12.15	47.15	30.60	8.52	7.97	3.3	2.153	96.1	1.6	1.0	0.4
328	1/27/2015 00:16:05	12.13	47.24	30.66	8.47	7.97	3.1	2.235	95.6	2.3	1.5	0.5
329	1/27/2015 00:31:05	12.11	47.37	30.76	8.42	7.96	3.3	2.303	95.0	2.0	1.3	0.5
330	1/27/2015 00:46:05	12.08	47.55	30.88	8.35	7.96	3.2	2.383	94.2	1.6	1.0	0.4
331	1/27/2015 01:01:05	12.04	47.80	31.06	8.28	7.95	3.2	2.449	93.4	2.2	1.4	0.5
332	1/27/2015 01:16:05	12.02	47.96	31.18	8.23	7.95	2.9	2.528	92.9	1.5	1.0	0.4
333	1/27/2015 01:31:05	11.99	48.12	31.29	8.19	7.95	3.2	2.619	92.5	1.4	0.9	0.3
334	1/27/2015 01:46:05	11.99	48.18	31.34	8.15	7.95	3.6	2.690	92.0	1.7	1.1	0.4
335	1/27/2015 02:01:05	11.98	48.26	31.39	8.15	7.95	3.9	2.773	92.0	1.5	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 = 0.64)	Fluorescence %FS
336	1/27/2015 02:16:05	11.95	48.35	31.45	8.15	7.95	4.3	2.866	92.1	1.5	1.0	0.4
337	1/27/2015 02:31:05	11.91	48.48	31.55	8.17	7.95	5.1	2.953	92.3	1.9	1.2	0.4
338	1/27/2015 02:46:05	11.88	48.61	31.64	8.18	7.96	6.1	3.052	92.3	1.1	0.7	0.3
339	1/27/2015 03:01:05	11.79	48.82	31.79	8.22	7.96	7.5	3.147	92.8	1.1	0.7	0.3
340	1/27/2015 03:16:05	11.75	48.98	31.90	8.21	7.96	8.0	3.249	92.6	0.9	0.6	0.2
341	1/27/2015 03:31:05	11.73	49.08	31.98	8.21	7.97	7.3	3.336	92.6	1.7	1.1	0.4
342	1/27/2015 03:46:05	11.67	49.27	32.11	8.28	7.97	7.6	3.421	93.3	0.9	0.6	0.2
343	1/27/2015 04:01:05	11.64	49.37	32.18	8.32	7.98	6.7	3.508	93.8	1.5	1.0	0.4
344	1/27/2015 04:16:05	11.61	49.46	32.25	8.39	7.98	6.8	3.571	94.6	1.5	1.0	0.4
345	1/27/2015 04:31:05	11.60	49.53	32.29	8.43	7.99	6.0	3.642	95.1	1.6	1.0	0.4
346	1/27/2015 04:46:05	11.59	49.55	32.31	8.45	7.99	5.8	3.690	95.2	1.3	0.8	0.3
347	1/27/2015 05:01:05	11.58	49.61	32.35	8.46	7.99	5.6	3.734	95.4	0.9	0.6	0.2
348	1/27/2015 05:16:05	11.57	49.63	32.37	8.42	7.99	4.6	3.749	94.9	1.4	0.9	0.3
349	1/27/2015 05:31:05	11.65	49.30	32.13	8.28	7.97	4.1	3.758	93.4	1.5	1.0	0.4
350	1/27/2015 05:46:05	11.61	49.48	32.26	8.33	7.98	4.7	3.735	93.9	1.4	0.9	0.3
351	1/27/2015 06:01:05	11.59	49.53	32.29	8.37	7.98	5.2	3.689	94.3	1.6	1.0	0.4
352	1/27/2015 06:16:05	11.63	49.27	32.11	8.32	7.97	5.6	3.649	93.8	1.3	0.8	0.3
353	1/27/2015 06:31:05	11.65	49.12	32.00	8.22	7.96	3.7	3.572	92.6	1.8	1.2	0.4
354	1/27/2015 06:46:05	11.69	48.94	31.87	8.23	7.96	3.3	3.482	92.7	1.7	1.1	0.4
355	1/27/2015 07:01:05	11.68	48.91	31.85	8.17	7.96	3.6	3.399	92.0	0.8	0.5	0.2
356	1/27/2015 07:16:05	11.73	48.81	31.78	8.06	7.95	3.2	3.308	90.9	1.1	0.7	0.2
357	1/27/2015 07:31:05	11.75	48.61	31.64	8.06	7.95	3.4	3.209	90.7	1.8	1.2	0.4
358	1/27/2015 07:46:05	11.79	48.46	31.53	8.02	7.94	2.8	3.117	90.4	1.1	0.7	0.3
359	1/27/2015 08:01:05	11.81	48.30	31.42	8.07	7.94	2.9	3.013	90.9	1.3	0.8	0.3
360	1/27/2015 08:16:05	11.78	48.40	31.49	8.06	7.94	2.9	2.914	90.8	1.4	0.9	0.3
361	1/27/2015 08:31:05	11.78	48.43	31.51	8.09	7.94	2.8	2.832	91.1	1.7	1.1	0.4
362	1/27/2015 08:46:05	11.82	48.26	31.38	8.14	7.95	2.8	2.722	91.6	1.1	0.7	0.3
363	1/27/2015 09:01:05	11.90	47.98	31.19	8.12	7.94	3.4	2.617	91.5	1.7	1.1	0.4
364	1/27/2015 09:16:05	11.85	48.33	31.44	8.26	7.95	3.0	2.525	93.1	1.8	1.2	0.4
365	1/27/2015 09:31:05	11.93	47.87	31.11	8.27	7.95	3.1	2.436	93.1	1.7	1.1	0.4
366	1/27/2015 09:46:05	11.95	47.94	31.16	8.52	7.97	3.2	2.334	96.0	1.5	1.0	0.4
367	1/27/2015 10:01:05	12.01	47.63	30.94	8.47	7.96	3.0	2.227	95.4	1.5	1.0	0.4
368	1/27/2015 10:16:05	12.03	47.89	31.13	8.69	7.99	2.9	2.141	98.1	1.4	0.9	0.3
369	1/27/2015 10:31:05	12.07	47.59	30.91	8.50	7.96	2.9	2.065	95.9	2.2	1.4	0.5
370	1/27/2015 10:46:05	12.12	47.62	30.94	8.69	7.98	2.8	1.969	98.1	2.0	1.3	0.5
371	1/27/2015 11:01:05	12.18	47.77	31.05	9.24	8.02	2.7	1.886	104.6	2.1	1.3	0.5
372	1/27/2015 11:16:05	12.21	47.55	30.89	9.08	8.00	2.7	1.834	102.8	2.2	1.4	0.5
373	1/27/2015 11:31:05	12.24	47.42	30.80	9.01	8.00	2.6	1.774	102.0	2.3	1.5	0.6
374	1/27/2015 11:46:05	12.26	47.31	30.72	8.94	8.00	2.6	1.737	101.1	2.6	1.7	0.6
375	1/27/2015 12:01:06	12.26	47.22	30.66	8.67	7.98	2.6	1.716	98.1	2.3	1.5	0.5
376	1/27/2015 12:16:05	12.30	47.29	30.71	8.76	7.98	2.6	1.718	99.2	2.5	1.6	0.6
377	1/27/2015 12:31:05	12.24	47.31	30.72	8.70	7.98	2.5	1.740	98.5	2.9	1.9	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 = 0.64)	Fluorescence %FS
378	1/27/2015 12:46:05	12.21	47.34	30.74	8.47	7.96	2.4	1.782	95.8	2.4	1.5	0.6
379	1/27/2015 13:01:05	12.23	47.33	30.73	8.42	7.96	2.4	1.830	95.2	2.7	1.7	0.6
380	1/27/2015 13:16:05	12.27	47.17	30.62	8.42	7.96	2.8	1.893	95.2	2.5	1.6	0.6
381	1/27/2015 13:31:05	12.24	47.09	30.56	8.38	7.95	3.1	1.962	94.7	2.4	1.5	0.6
382	1/27/2015 13:46:05	12.21	47.07	30.54	8.35	7.95	3.1	2.036	94.3	1.8	1.2	0.4
383	1/27/2015 14:01:05	12.16	47.19	30.63	8.30	7.95	3.1	2.091	93.7	2.0	1.3	0.5
384	1/27/2015 14:16:05	12.14	47.29	30.70	8.26	7.94	2.8	2.165	93.2	2.3	1.5	0.5
385	1/27/2015 14:31:05	12.12	47.36	30.75	8.16	7.94	2.7	2.230	92.0	2.2	1.4	0.5
386	1/27/2015 14:46:05	12.06	47.57	30.90	8.03	7.93	2.9	2.292	90.5	1.9	1.2	0.4
387	1/27/2015 15:01:05	12.02	47.80	31.06	7.97	7.93	2.9	2.348	90.0	1.9	1.2	0.4
388	1/27/2015 15:16:05	12.02	47.89	31.13	7.98	7.93	2.8	2.403	90.1	1.2	0.8	0.3
389	1/27/2015 15:31:05	12.04	47.93	31.16	8.09	7.94	2.9	2.481	91.3	1.9	1.2	0.4
390	1/27/2015 15:46:05	12.04	48.01	31.21	8.12	7.94	2.8	2.527	91.8	2.3	1.5	0.6
391	1/27/2015 16:01:05	12.03	48.06	31.25	8.09	7.94	2.6	2.579	91.5	1.8	1.2	0.4
392	1/27/2015 16:16:05	12.03	48.09	31.27	8.08	7.94	2.3	2.637	91.3	1.7	1.1	0.4
393	1/27/2015 16:31:05	12.03	48.10	31.28	8.03	7.94	2.4	2.691	90.7	1.1	0.7	0.3
394	1/27/2015 16:46:05	12.02	48.14	31.31	8.02	7.94	2.6	2.747	90.6	1.3	0.8	0.3
395	1/27/2015 17:01:05	12.00	48.18	31.33	8.03	7.94	2.3	2.790	90.7	1.8	1.2	0.4
396	1/27/2015 17:16:05	11.99	48.21	31.36	8.04	7.94	2.6	2.840	90.8	1.7	1.1	0.4
397	1/27/2015 17:31:05	11.98	48.26	31.39	8.04	7.94	2.4	2.877	90.8	1.9	1.2	0.4
398	1/27/2015 17:46:05	11.96	48.29	31.41	7.99	7.94	2.5	2.915	90.3	2.4	1.5	0.6
399	1/27/2015 18:01:05	11.96	48.29	31.42	7.95	7.94	2.3	2.934	89.8	2.1	1.3	0.5
400	1/27/2015 18:16:05	12.07	48.09	31.28	7.99	7.94	2.6	2.966	90.4	2.5	1.6	0.6
401	1/27/2015 18:31:05	11.99	48.22	31.36	7.91	7.93	2.2	2.964	89.4	1.8	1.2	0.4
402	1/27/2015 18:46:05	11.96	48.29	31.41	7.92	7.93	2.1	2.950	89.4	1.8	1.2	0.4
403	1/27/2015 19:01:05	11.95	48.32	31.44	7.94	7.94	2.5	2.917	89.7	1.8	1.2	0.4
404	1/27/2015 19:16:05	12.14	47.92	31.15	8.27	7.96	2.8	2.878	93.6	1.9	1.2	0.5
405	1/27/2015 19:31:05	12.08	47.99	31.20	8.07	7.95	2.9	2.829	91.2	1.8	1.2	0.4
406	1/27/2015 19:46:05	12.12	47.98	31.20	8.11	7.95	2.9	2.768	91.8	1.7	1.1	0.4
407	1/27/2015 20:01:05	12.03	48.01	31.22	8.08	7.94	2.7	2.701	91.3	2.2	1.4	0.5
408	1/27/2015 20:16:05	12.07	47.93	31.16	8.08	7.94	2.7	2.645	91.3	1.7	1.1	0.4
409	1/27/2015 20:31:05	12.07	47.93	31.16	8.09	7.94	2.6	2.583	91.4	1.8	1.2	0.4
410	1/27/2015 20:46:05	12.08	47.88	31.13	8.09	7.94	2.6	2.517	91.5	1.5	1.0	0.4
411	1/27/2015 21:01:05	12.08	47.83	31.09	8.08	7.94	2.6	2.463	91.3	1.8	1.2	0.4
412	1/27/2015 21:16:05	12.07	47.76	31.04	8.09	7.94	2.7	2.409	91.4	2.2	1.4	0.5
413	1/27/2015 21:31:05	12.01	47.71	31.00	7.98	7.93	2.7	2.336	90.0	1.8	1.2	0.4
414	1/27/2015 21:46:05	12.08	47.50	30.85	8.10	7.94	2.8	2.281	91.4	2.1	1.3	0.5
415	1/27/2015 22:01:05	12.11	47.47	30.83	8.21	7.95	2.5	2.239	92.7	2.2	1.4	0.5
416	1/27/2015 22:16:05	12.14	47.43	30.80	8.34	7.97	2.2	2.195	94.2	2.2	1.4	0.5
417	1/27/2015 22:31:05	12.19	47.36	30.75	8.50	7.98	2.4	2.158	96.1	2.0	1.3	0.5
418	1/27/2015 22:46:05	12.18	47.35	30.75	8.43	7.97	2.3	2.123	95.2	2.3	1.5	0.5
419	1/27/2015 23:01:05	12.19	47.34	30.74	8.35	7.97	2.4	2.121	94.3	2.3	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 = 0.64)	Fluorescence %FS
420	1/27/2015 23:16:05	12.19	47.32	30.72	8.50	7.98	2.2	2.106	96.0	1.9	1.2	0.5
421	1/27/2015 23:31:05	12.14	47.41	30.78	8.29	7.96	2.3	2.106	93.6	2.1	1.3	0.5
422	1/27/2015 23:46:05	12.10	47.44	30.81	8.18	7.95	2.8	2.129	92.3	2.4	1.5	0.6
423	1/28/2015 00:01:05	12.10	47.48	30.84	8.09	7.94	2.4	2.147	91.3	1.6	1.0	0.4
424	1/28/2015 00:16:05	12.09	47.51	30.86	8.10	7.94	2.6	2.182	91.4	2.5	1.6	0.6
425	1/28/2015 00:31:05	12.06	47.51	30.86	8.12	7.94	2.6	2.220	91.6	2.0	1.3	0.5
426	1/28/2015 00:46:05	12.07	47.43	30.80	8.15	7.94	2.9	2.285	91.9	2.7	1.7	0.7
427	1/28/2015 01:01:05	12.08	47.51	30.86	8.11	7.94	2.6	2.340	91.5	1.5	1.0	0.3
428	1/28/2015 01:16:05	12.08	47.54	30.88	8.08	7.94	2.6	2.404	91.2	1.7	1.1	0.4
429	1/28/2015 01:31:05	12.08	47.64	30.95	8.06	7.94	2.9	2.468	91.0	1.8	1.2	0.4
430	1/28/2015 01:46:05	12.05	47.72	31.01	8.06	7.94	2.3	2.531	91.0	1.8	1.2	0.4
431	1/28/2015 02:01:05	12.04	47.88	31.12	8.03	7.94	2.5	2.607	90.7	1.3	0.8	0.3
432	1/28/2015 02:16:05	11.99	48.03	31.23	8.03	7.94	2.7	2.681	90.6	1.2	0.8	0.3
433	1/28/2015 02:31:05	11.95	48.13	31.30	8.02	7.94	2.8	2.746	90.5	1.7	1.1	0.4
434	1/28/2015 02:46:05	11.94	48.21	31.36	8.02	7.94	2.6	2.820	90.5	1.6	1.0	0.4
435	1/28/2015 03:01:05	11.93	48.27	31.40	8.00	7.94	3.0	2.906	90.3	1.9	1.2	0.4
436	1/28/2015 03:16:05	11.88	48.43	31.51	7.97	7.94	3.7	2.977	89.9	1.5	1.0	0.4
437	1/28/2015 03:31:05	11.84	48.52	31.58	7.99	7.94	4.3	3.057	90.1	1.6	1.0	0.4
438	1/28/2015 03:46:05	11.80	48.68	31.69	8.02	7.94	5.0	3.151	90.4	1.1	0.7	0.3
439	1/28/2015 04:01:05	11.74	48.84	31.80	8.07	7.95	4.8	3.230	90.9	1.4	0.9	0.3
440	1/28/2015 04:16:05	11.71	48.93	31.87	8.09	7.95	4.8	3.315	91.2	1.5	1.0	0.4
441	1/28/2015 04:31:06	11.68	49.09	31.98	8.13	7.96	4.7	3.404	91.6	1.7	1.1	0.4
442	1/28/2015 04:46:05	11.65	49.20	32.06	8.16	7.96	5.0	3.474	91.9	1.6	1.0	0.4
443	1/28/2015 05:01:05	11.63	49.24	32.09	8.19	7.97	5.0	3.554	92.2	0.9	0.6	0.2
444	1/28/2015 05:16:05	11.60	49.38	32.19	8.26	7.97	4.7	3.604	93.0	1.4	0.9	0.3
445	1/28/2015 05:31:05	11.58	49.43	32.22	8.29	7.98	3.9	3.666	93.4	1.2	0.8	0.3
446	1/28/2015 05:46:05	11.57	49.47	32.25	8.32	7.98	3.9	3.707	93.6	1.6	1.0	0.4
447	1/28/2015 06:01:05	11.56	49.49	32.27	8.34	7.99	4.0	3.747	93.9	1.7	1.1	0.4
448	1/28/2015 06:16:05	11.57	49.03	31.93	8.14	7.96	3.0	3.757	91.5	2.3	1.5	0.5
449	1/28/2015 06:31:05	11.59	49.35	32.16	8.17	7.97	3.5	3.752	91.9	1.5	1.0	0.3
450	1/28/2015 06:46:05	11.57	49.44	32.23	8.23	7.98	3.7	3.731	92.7	1.6	1.0	0.4
451	1/28/2015 07:01:05	11.56	49.43	32.22	8.24	7.98	4.3	3.694	92.7	1.3	0.8	0.3
452	1/28/2015 07:16:05	11.58	49.20	32.05	8.16	7.97	4.5	3.635	91.7	1.6	1.0	0.4
453	1/28/2015 07:31:05	11.57	48.87	31.82	7.99	7.94	3.2	3.559	89.7	1.3	0.8	0.3
454	1/28/2015 07:46:05	11.57	49.08	31.97	8.08	7.95	3.2	3.485	90.8	1.5	1.0	0.3
455	1/28/2015 08:01:05	11.60	48.87	31.81	8.03	7.95	2.6	3.398	90.2	1.4	0.9	0.3
456	1/28/2015 08:16:05	11.66	48.66	31.67	7.93	7.94	3.2	3.303	89.1	1.3	0.8	0.3
457	1/28/2015 08:31:05	11.66	48.56	31.59	7.99	7.94	2.6	3.211	89.7	1.7	1.1	0.4
458	1/28/2015 08:46:05	11.66	48.45	31.52	8.06	7.94	2.9	3.120	90.5	1.8	1.2	0.4
459	1/28/2015 09:01:05	11.70	48.23	31.36	8.09	7.94	2.6	3.022	90.8	1.5	1.0	0.4
460	1/28/2015 09:16:06	11.70	48.24	31.37	8.16	7.95	2.5	2.927	91.7	1.5	1.0	0.4
461	1/28/2015 09:31:05	11.74	48.17	31.31	8.19	7.94	2.5	2.826	92.0	1.8	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 mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.64)	Fluorescence %FS
462	1/28/2015 09:46:05	11.76	48.27	31.39	8.24	7.95	2.3	2.740	92.7	1.4	0.9	0.3
463	1/28/2015 10:01:05	11.81	48.17	31.32	8.29	7.95	2.5	2.635	93.2	1.7	1.1	0.4
464	1/28/2015 10:16:05	11.85	47.88	31.11	8.30	7.96	3.1	2.533	93.4	1.8	1.2	0.4
465	1/28/2015 10:31:05	11.88	47.59	30.91	8.28	7.95	3.6	2.434	93.1	1.8	1.2	0.4
466	1/28/2015 10:46:05	11.95	47.65	30.95	8.54	7.96	3.1	2.336	96.1	2.0	1.3	0.5
467	1/28/2015 11:01:05	12.06	47.81	31.07	8.74	7.98	2.8	2.231	98.7	1.7	1.1	0.4
468	1/28/2015 11:16:05	12.13	47.75	31.03	8.70	7.98	2.8	2.121	98.4	2.0	1.3	0.5
469	1/28/2015 11:31:05	12.18	47.71	31.00	8.68	7.98	2.8	2.036	98.3	2.0	1.3	0.5
470	1/28/2015 11:46:05	12.21	47.64	30.95	8.76	7.98	2.8	1.933	99.2	2.4	1.5	0.6
471	1/28/2015 12:01:05	12.44	47.75	31.05	9.10	8.01	3.0	1.846	103.6	1.5	1.0	0.4
472	1/28/2015 12:16:06	12.45	47.65	30.97	9.15	8.02	3.1	1.777	104.2	2.5	1.6	0.6
473	1/28/2015 12:31:05	12.52	47.61	30.94	9.16	8.02	3.1	1.717	104.4	2.3	1.5	0.6
474	1/28/2015 12:46:05	12.50	47.51	30.87	9.13	8.01	3.1	1.662	104.0	2.0	1.3	0.5
475	1/28/2015 13:01:05	12.47	47.47	30.84	9.02	8.01	2.6	1.639	102.7	2.5	1.6	0.6
476	1/28/2015 13:16:05	12.67	47.64	30.98	9.16	8.02	4.2	1.621	104.7	2.7	1.7	0.6
477	1/28/2015 13:31:05	12.45	47.45	30.83	8.89	8.00	2.7	1.642	101.1	2.4	1.5	0.6
478	1/28/2015 13:46:05	12.34	47.43	30.81	8.69	7.98	2.5	1.671	98.6	2.4	1.5	0.6
479	1/28/2015 14:01:05	12.31	47.42	30.80	8.54	7.97	2.3	1.709	96.8	2.4	1.5	0.6
480	1/28/2015 14:16:05	12.29	47.39	30.78	8.43	7.96	2.5	1.766	95.4	2.9	1.9	0.7
481	1/28/2015 14:31:05	12.31	47.29	30.70	8.44	7.96	2.8	1.825	95.6	2.7	1.7	0.7
482	1/28/2015 14:46:05	12.28	47.29	30.70	8.38	7.96	2.9	1.903	94.9	2.3	1.5	0.5
483	1/28/2015 15:01:05	12.25	47.16	30.61	8.35	7.95	3.0	1.958	94.4	1.7	1.1	0.4
484	1/28/2015 15:16:05	12.24	47.13	30.59	8.34	7.95	2.9	2.026	94.3	1.7	1.1	0.4
485	1/28/2015 15:31:05	12.22	47.17	30.62	8.30	7.95	2.9	2.096	93.8	1.7	1.1	0.4
486	1/28/2015 15:46:05	12.16	47.26	30.68	8.19	7.94	2.9	2.147	92.5	2.2	1.4	0.5
487	1/28/2015 16:01:05	12.10	47.36	30.75	8.14	7.94	2.5	2.209	91.8	1.9	1.2	0.4
488	1/28/2015 16:16:05	12.07	47.53	30.87	8.09	7.93	2.4	2.272	91.3	2.5	1.6	0.6
489	1/28/2015 16:31:05	12.02	47.78	31.05	7.99	7.93	2.6	2.342	90.1	1.8	1.2	0.4
490	1/28/2015 16:46:05	12.02	47.84	31.09	7.97	7.93	2.9	2.398	89.9	2.1	1.3	0.5
491	1/28/2015 17:01:05	12.02	47.85	31.10	8.02	7.93	2.4	2.459	90.5	1.9	1.2	0.4
492	1/28/2015 17:16:05	12.02	47.95	31.17	8.07	7.94	2.4	2.526	91.1	2.1	1.3	0.5
493	1/28/2015 17:31:05	12.00	48.00	31.20	8.03	7.93	2.2	2.582	90.7	2.3	1.5	0.5
494	1/28/2015 17:46:05	12.00	48.02	31.22	8.03	7.93	2.3	2.647	90.7	2.0	1.3	0.5
495	1/28/2015 18:01:05	11.99	48.08	31.26	8.02	7.93	2.2	2.702	90.6	1.9	1.2	0.4
496	1/28/2015 18:16:05	11.96	48.15	31.31	7.99	7.93	2.3	2.752	90.2	1.7	1.1	0.4
497	1/28/2015 18:31:05	11.94	48.18	31.33	7.98	7.93	2.3	2.814	90.1	1.8	1.2	0.4
498	1/28/2015 18:46:05	11.92	48.22	31.36	7.97	7.93	2.1	2.856	89.9	1.9	1.2	0.4
499	1/28/2015 19:01:05	11.90	48.23	31.37	7.92	7.93	2.5	2.892	89.3	2.2	1.4	0.5
500	1/28/2015 19:16:05	11.89	48.26	31.39	7.91	7.93	2.1	2.932	89.2	2.3	1.5	0.5
501	1/28/2015 19:31:05	11.89	48.31	31.42	7.87	7.93	2.3	2.953	88.7	1.9	1.2	0.4
502	1/28/2015 19:46:05	11.96	48.08	31.26	7.85	7.93	2.3	2.962	88.6	2.1	1.3	0.5
503	1/28/2015 20:01:05	11.90	48.22	31.36	7.85	7.92	2.2	2.951	88.5	2.1	1.3	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 = 0.64)	Fluorescence %FS
504	1/28/2015 20:16:05	11.89	48.31	31.43	7.86	7.93	2.1	2.949	88.7	2.0	1.3	0.5
505	1/28/2015 20:31:05	11.88	48.30	31.42	7.84	7.92	2.3	2.913	88.4	1.5	1.0	0.4
506	1/28/2015 20:46:05	11.98	48.02	31.22	7.85	7.93	2.8	2.871	88.6	2.2	1.4	0.5
507	1/28/2015 21:01:05	12.02	47.88	31.12	7.89	7.93	2.7	2.831	89.1	1.5	1.0	0.4
508	1/28/2015 21:16:05	12.01	47.98	31.19	7.90	7.93	2.9	2.780	89.2	2.1	1.3	0.5
509	1/28/2015 21:31:05	11.90	48.04	31.23	7.82	7.92	2.5	2.716	88.2	1.5	1.0	0.4
510	1/28/2015 21:46:05	11.88	48.07	31.25	7.82	7.92	2.6	2.661	88.1	2.0	1.3	0.5
511	1/28/2015 22:01:05	11.86	48.05	31.23	7.82	7.92	2.8	2.615	88.0	2.1	1.3	0.5
512	1/28/2015 22:16:05	11.90	47.97	31.18	7.84	7.92	2.6	2.560	88.3	1.7	1.1	0.4
513	1/28/2015 22:31:05	11.91	47.94	31.16	7.86	7.92	2.6	2.501	88.5	1.9	1.2	0.5
514	1/28/2015 22:46:05	11.91	47.87	31.11	7.82	7.92	2.7	2.468	88.1	1.8	1.2	0.4
515	1/28/2015 23:01:06	11.86	47.90	31.13	7.77	7.92	2.6	2.429	87.4	2.2	1.4	0.5
516	1/28/2015 23:16:05	11.96	47.63	30.93	7.78	7.91	2.2	2.382	87.6	1.9	1.2	0.4
517	1/28/2015 23:31:05	11.85	47.77	31.03	7.70	7.91	2.7	2.338	86.5	1.9	1.2	0.5
518	1/28/2015 23:46:05	11.97	47.48	30.83	7.79	7.91	2.3	2.316	87.7	2.1	1.3	0.5
519	1/29/2015 00:01:05	12.00	47.43	30.80	7.84	7.92	2.2	2.283	88.3	2.1	1.3	0.5
520	1/29/2015 00:16:05	12.01	47.43	30.79	7.78	7.92	1.7	2.281	87.7	2.1	1.3	0.5
521	1/29/2015 00:31:05	11.96	47.60	30.92	7.59	7.90	2.4	2.271	85.5	1.7	1.1	0.4
522	1/29/2015 00:46:05	11.96	47.67	30.97	7.64	7.90	2.1	2.271	86.0	1.5	1.0	0.4
523	1/29/2015 01:01:05	11.95	47.64	30.94	7.62	7.90	2.4	2.283	85.8	1.5	1.0	0.4
524	1/29/2015 01:16:05	11.95	47.67	30.97	7.70	7.91	2.5	2.313	86.7	2.0	1.3	0.5
525	1/29/2015 01:31:05	11.95	47.65	30.95	7.74	7.91	2.5	2.364	87.2	2.0	1.3	0.5
526	1/29/2015 01:46:05	11.96	47.70	30.99	7.76	7.91	2.5	2.396	87.4	1.6	1.0	0.4
527	1/29/2015 02:01:05	11.96	47.61	30.92	7.82	7.91	2.6	2.449	88.1	1.8	1.2	0.4
528	1/29/2015 02:16:05	11.96	47.66	30.96	7.82	7.91	2.6	2.500	88.1	1.9	1.2	0.5
529	1/29/2015 02:31:05	11.95	47.75	31.03	7.82	7.91	2.4	2.550	88.1	2.0	1.3	0.5
530	1/29/2015 02:46:05	11.95	47.84	31.09	7.84	7.92	2.3	2.613	88.3	1.7	1.1	0.4
531	1/29/2015 03:01:05	11.95	47.92	31.15	7.87	7.92	2.5	2.678	88.7	1.7	1.1	0.4
532	1/29/2015 03:16:05	11.92	48.04	31.23	7.87	7.92	2.9	2.741	88.7	1.7	1.1	0.4
533	1/29/2015 03:31:05	11.89	48.17	31.33	7.91	7.93	2.5	2.800	89.2	1.6	1.0	0.4
534	1/29/2015 03:46:05	11.86	48.34	31.44	7.92	7.93	2.8	2.864	89.2	1.5	1.0	0.4
535	1/29/2015 04:01:05	11.84	48.45	31.53	7.93	7.93	2.6	2.942	89.4	1.9	1.2	0.5
536	1/29/2015 04:16:05	11.82	48.52	31.58	7.93	7.93	2.7	3.012	89.4	1.9	1.2	0.4
537	1/29/2015 04:31:05	11.80	48.65	31.67	7.95	7.94	2.9	3.095	89.6	2.1	1.3	0.5
538	1/29/2015 04:46:05	11.76	48.71	31.71	7.99	7.94	3.6	3.170	90.1	1.7	1.1	0.4
539	1/29/2015 05:01:05	11.75	48.85	31.81	8.05	7.95	3.7	3.245	90.7	1.6	1.0	0.4
540	1/29/2015 05:16:05	11.70	49.07	31.97	8.14	7.96	4.9	3.346	91.8	1.8	1.2	0.4
541	1/29/2015 05:31:06	11.68	49.16	32.03	8.16	7.97	4.2	3.399	92.0	1.3	0.8	0.3
542	1/29/2015 05:46:05	11.67	49.24	32.09	8.19	7.97	3.9	3.460	92.4	1.8	1.2	0.4
543	1/29/2015 06:01:05	11.66	49.33	32.16	8.23	7.98	3.9	3.539	92.7	1.8	1.2	0.4
544	1/29/2015 06:16:06	11.65	49.43	32.22	8.26	7.98	3.7	3.591	93.2	1.7	1.1	0.4
545	1/29/2015 06:31:05	11.64	49.47	32.26	8.29	7.98	3.9	3.640	93.5	2.1	1.3	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 = 0.64)	Fluorescence %FS
546	1/29/2015 06:46:05	11.64	49.51	32.28	8.32	7.99	3.7	3.679	93.8	2.0	1.3	0.5
547	1/29/2015 07:01:05	11.64	49.50	32.28	8.31	7.99	3.4	3.712	93.7	1.7	1.1	0.4
548	1/29/2015 07:16:06	11.64	49.51	32.29	8.27	7.99	3.1	3.719	93.3	1.6	1.0	0.4
549	1/29/2015 07:31:05	11.65	49.35	32.17	8.12	7.97	3.2	3.724	91.6	1.6	1.0	0.4
550	1/29/2015 07:46:06	11.64	49.52	32.29	8.24	7.98	2.8	3.704	93.0	1.4	0.9	0.3
551	1/29/2015 08:01:05	11.64	49.52	32.29	8.27	7.98	3.6	3.664	93.3	1.2	0.8	0.3
552	1/29/2015 08:16:06	11.71	48.75	31.74	7.98	7.94	3.7	3.623	89.9	1.8	1.2	0.4
553	1/29/2015 08:31:05	11.70	48.83	31.79	8.01	7.94	2.6	3.547	90.2	1.3	0.8	0.3
554	1/29/2015 08:46:06	11.73	48.72	31.72	8.01	7.94	2.4	3.485	90.2	1.7	1.1	0.4
555	1/29/2015 09:01:05	11.73	48.71	31.71	8.01	7.94	2.3	3.381	90.2	1.2	0.8	0.3
556	1/29/2015 09:16:06	11.76	48.64	31.66	7.92	7.93	2.8	3.287	89.2	1.3	0.8	0.3
557	1/29/2015 09:31:05	11.77	48.48	31.54	7.90	7.93	2.5	3.214	89.0	1.3	0.8	0.3
558	1/29/2015 09:46:05	11.77	48.56	31.60	7.91	7.93	2.5	3.118	89.0	1.5	1.0	0.3
559	1/29/2015 10:01:05	11.79	48.57	31.61	7.97	7.93	2.4	3.018	89.8	1.5	1.0	0.4
560	1/29/2015 10:16:05	11.81	48.52	31.58	8.00	7.94	2.3	2.932	90.2	1.3	0.8	0.3
561	1/29/2015 10:31:05	11.83	48.47	31.54	8.06	7.94	2.6	2.836	90.9	1.4	0.9	0.3
562	1/29/2015 10:46:05	11.85	48.39	31.48	8.04	7.94	2.4	2.724	90.6	1.2	0.8	0.3
563	1/29/2015 11:01:05	11.87	48.59	31.62	8.13	7.95	2.5	2.618	91.8	1.4	0.9	0.3
564	1/29/2015 11:16:05	11.89	48.31	31.43	8.12	7.94	2.6	2.517	91.6	1.8	1.2	0.4
565	1/29/2015 11:31:05	11.96	48.38	31.48	8.29	7.96	2.7	2.405	93.7	1.8	1.2	0.4
566	1/29/2015 11:46:05	12.09	48.09	31.27	8.39	7.96	2.7	2.302	94.9	1.8	1.2	0.4
567	1/29/2015 12:01:05	12.22	48.02	31.23	8.81	7.98	2.8	2.185	99.9	1.9	1.2	0.4
568	1/29/2015 12:16:05	12.36	47.94	31.18	8.85	7.99	2.9	2.072	100.7	1.5	1.0	0.4
569	1/29/2015 12:31:05	12.50	47.96	31.20	8.90	8.00	3.0	1.961	101.5	1.9	1.2	0.4
570	1/29/2015 12:46:05	12.42	47.75	31.04	8.73	7.97	2.9	1.853	99.3	2.1	1.3	0.5
571	1/29/2015 13:01:05	12.52	47.70	31.01	8.88	8.00	2.8	1.748	101.2	2.1	1.3	0.5
572	1/29/2015 13:16:05	12.56	47.65	30.98	9.06	8.00	3.2	1.658	103.4	2.1	1.3	0.5
573	1/29/2015 13:31:05	12.72	47.66	30.99	9.20	8.02	4.8	1.584	105.3	2.2	1.4	0.5
574	1/29/2015 13:46:05	12.60	47.52	30.89	9.08	8.01	3.4	1.538	103.6	2.3	1.5	0.5
575	1/29/2015 14:01:05	12.53	47.48	30.86	8.91	8.00	2.9	1.506	101.5	2.7	1.7	0.6
576	1/29/2015 14:16:05	12.63	47.56	30.92	9.00	8.01	3.2	1.466	102.8	2.6	1.7	0.6
577	1/29/2015 14:31:05	12.60	47.50	30.87	8.97	8.00	2.9	1.493	102.4	2.6	1.7	0.6
578	1/29/2015 14:46:05	12.51	47.50	30.87	8.85	7.99	2.7	1.517	100.8	2.1	1.3	0.5
579	1/29/2015 15:01:05	12.47	47.50	30.86	8.65	7.98	2.8	1.554	98.4	2.1	1.3	0.5
580	1/29/2015 15:16:05	12.46	47.46	30.84	8.45	7.96	2.5	1.635	96.1	2.8	1.8	0.7
581	1/29/2015 15:31:05	12.39	47.48	30.85	8.33	7.95	2.5	1.688	94.6	2.7	1.7	0.6
582	1/29/2015 15:46:05	12.40	47.22	30.66	8.24	7.94	2.9	1.759	93.5	2.2	1.4	0.5
583	1/29/2015 16:01:05	12.36	47.26	30.69	8.19	7.94	3.0	1.834	92.8	2.0	1.3	0.5
584	1/29/2015 16:16:05	12.33	47.19	30.64	8.13	7.93	2.9	1.894	92.1	2.1	1.3	0.5
585	1/29/2015 16:31:05	12.30	47.24	30.67	8.10	7.93	3.1	1.990	91.8	2.3	1.5	0.5
586	1/29/2015 16:46:05	12.29	47.25	30.67	7.94	7.92	3.0	2.050	89.9	2.0	1.3	0.5
587	1/29/2015 17:01:05	12.25	47.35	30.75	7.92	7.92	2.6	2.112	89.6	2.4	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 = 0.64)	Fluorescence %FS
588	1/29/2015 17:16:05	12.20	47.49	30.84	7.92	7.92	2.6	2.175	89.6	1.8	1.2	0.4
589	1/29/2015 17:31:05	12.12	47.75	31.03	7.96	7.92	2.8	2.246	90.1	1.6	1.0	0.4
590	1/29/2015 17:46:05	12.09	47.84	31.10	7.99	7.93	2.5	2.305	90.3	1.8	1.2	0.4
591	1/29/2015 18:01:05	12.05	47.96	31.18	8.02	7.93	2.5	2.377	90.7	2.5	1.6	0.6
592	1/29/2015 18:16:05	12.04	48.00	31.21	8.02	7.93	2.4	2.444	90.6	2.3	1.5	0.5
593	1/29/2015 18:31:05	12.03	48.03	31.23	8.01	7.93	2.4	2.519	90.4	2.3	1.5	0.5
594	1/29/2015 18:46:05	12.02	48.05	31.24	8.02	7.93	2.5	2.583	90.6	1.9	1.2	0.4
595	1/29/2015 19:01:05	12.01	48.11	31.28	8.01	7.93	2.4	2.634	90.5	2.0	1.3	0.5
596	1/29/2015 19:16:05	11.98	48.18	31.34	7.99	7.93	2.3	2.707	90.3	1.8	1.2	0.4
597	1/29/2015 19:31:05	11.96	48.24	31.38	7.98	7.93	2.6	2.761	90.1	2.2	1.4	0.5
598	1/29/2015 19:46:05	11.95	48.27	31.40	7.96	7.93	2.8	2.817	89.9	2.0	1.3	0.5
599	1/29/2015 20:01:05	11.94	48.31	31.42	7.97	7.93	2.6	2.866	90.0	1.8	1.2	0.4
600	1/29/2015 20:16:05	11.94	48.35	31.46	7.98	7.93	2.7	2.914	90.1	2.0	1.3	0.5
601	1/29/2015 20:31:05	11.94	48.40	31.49	7.99	7.94	2.6	2.940	90.2	1.9	1.2	0.5
602	1/29/2015 20:46:05	11.93	48.43	31.51	7.97	7.94	2.2	2.977	90.1	1.8	1.2	0.4
603	1/29/2015 21:01:05	11.93	48.45	31.53	7.95	7.93	2.5	2.999	89.8	2.0	1.3	0.5
604	1/29/2015 21:16:05	11.96	48.30	31.42	7.88	7.93	2.5	3.001	89.0	2.5	1.6	0.6
605	1/29/2015 21:31:05	11.94	48.40	31.49	7.91	7.93	2.7	2.987	89.3	1.6	1.0	0.4
606	1/29/2015 21:46:05	11.93	48.47	31.54	7.94	7.93	2.6	2.968	89.7	1.8	1.2	0.4
607	1/29/2015 22:01:05	11.93	48.42	31.51	7.92	7.93	2.5	2.929	89.5	1.7	1.1	0.4
608	1/29/2015 22:16:05	11.95	48.32	31.44	7.89	7.93	3.1	2.889	89.2	2.3	1.5	0.5
609	1/29/2015 22:31:05	11.97	48.20	31.35	7.82	7.92	2.8	2.830	88.3	1.3	0.8	0.3
610	1/29/2015 22:46:05	11.95	48.25	31.38	7.81	7.92	2.9	2.771	88.1	1.9	1.2	0.5
611	1/29/2015 23:01:05	11.96	48.21	31.36	7.84	7.92	2.8	2.704	88.6	2.0	1.3	0.5
612	1/29/2015 23:16:05	11.97	48.16	31.32	7.83	7.92	2.7	2.641	88.4	1.6	1.0	0.4
613	1/29/2015 23:31:05	11.96	48.18	31.33	7.82	7.91	2.6	2.596	88.3	2.3	1.5	0.5
614	1/29/2015 23:46:05	11.98	48.11	31.29	7.82	7.91	2.8	2.539	88.3	1.9	1.2	0.5
615	1/30/2015 00:01:05	11.99	48.09	31.27	7.79	7.91	3.0	2.486	87.9	2.0	1.3	0.5
616	1/30/2015 00:16:05	12.01	48.01	31.21	7.73	7.90	2.6	2.438	87.3	1.8	1.2	0.4
617	1/30/2015 00:31:05	12.01	47.98	31.19	7.67	7.90	2.4	2.397	86.5	2.0	1.3	0.5
618	1/30/2015 00:46:05	12.07	47.73	31.01	7.57	7.89	2.5	2.348	85.4	2.1	1.3	0.5
619	1/30/2015 01:01:05	12.12	47.57	30.90	7.48	7.88	2.5	2.336	84.4	1.8	1.2	0.4
620	1/30/2015 01:16:05	12.14	47.50	30.85	7.43	7.88	2.3	2.288	83.9	2.1	1.3	0.5
621	1/30/2015 01:31:05	12.16	47.46	30.82	7.39	7.88	2.6	2.267	83.5	2.0	1.3	0.5
622	1/30/2015 01:46:05	12.11	47.60	30.92	7.30	7.87	2.1	2.279	82.4	2.2	1.4	0.5
623	1/30/2015 02:01:05	12.09	47.70	30.99	7.43	7.88	2.1	2.285	83.9	1.5	1.0	0.4
624	1/30/2015 02:16:05	12.09	47.73	31.01	7.48	7.88	2.6	2.287	84.5	1.6	1.0	0.4
625	1/30/2015 02:31:05	12.08	47.77	31.04	7.57	7.89	2.6	2.342	85.5	1.5	1.0	0.4
626	1/30/2015 02:46:05	12.07	47.76	31.04	7.57	7.89	2.8	2.384	85.5	1.6	1.0	0.4
627	1/30/2015 03:01:05	12.06	47.72	31.01	7.64	7.90	2.6	2.432	86.3	1.7	1.1	0.4
628	1/30/2015 03:16:05	12.06	47.66	30.96	7.70	7.90	2.8	2.490	86.9	1.7	1.1	0.4
629	1/30/2015 03:31:05	12.04	47.72	31.01	7.74	7.90	2.9	2.534	87.3	1.4	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 = 0.64)	Fluorescence %FS
630	1/30/2015 03:46:05	12.03	47.86	31.11	7.73	7.90	2.6	2.601	87.3	1.6	1.0	0.4
631	1/30/2015 04:01:05	12.02	47.92	31.15	7.77	7.91	2.5	2.663	87.7	1.9	1.2	0.4
632	1/30/2015 04:16:05	11.99	48.10	31.28	7.82	7.92	2.6	2.724	88.3	2.2	1.4	0.5
633	1/30/2015 04:31:05	11.97	48.24	31.38	7.87	7.92	2.7	2.790	88.9	1.7	1.1	0.4
634	1/30/2015 04:46:05	11.94	48.37	31.47	7.95	7.93	2.6	2.862	89.8	1.8	1.2	0.4
635	1/30/2015 05:01:06	11.93	48.50	31.56	7.98	7.94	2.6	2.928	90.1	1.3	0.8	0.3
636	1/30/2015 05:16:05	11.91	48.61	31.64	8.02	7.94	2.7	2.999	90.6	1.4	0.9	0.3
637	1/30/2015 05:31:05	11.89	48.78	31.76	8.05	7.95	3.1	3.070	91.0	2.0	1.3	0.5
638	1/30/2015 05:46:05	11.86	49.02	31.94	8.11	7.96	3.7	3.156	91.7	1.9	1.2	0.5
639	1/30/2015 06:01:05	11.85	49.12	32.01	8.17	7.97	3.9	3.234	92.4	1.5	1.0	0.4
640	1/30/2015 06:16:05	11.83	49.25	32.10	8.23	7.97	4.2	3.312	93.1	1.8	1.2	0.4
641	1/30/2015 06:31:05	11.82	49.42	32.23	8.30	7.99	4.0	3.394	94.0	1.5	1.0	0.4
642	1/30/2015 06:46:05	11.81	49.54	32.31	8.33	7.99	3.7	3.464	94.3	2.2	1.4	0.5
643	1/30/2015 07:01:05	11.81	49.62	32.37	8.36	7.99	3.4	3.528	94.7	1.7	1.1	0.4
644	1/30/2015 07:16:05	11.81	49.75	32.47	8.39	8.00	3.4	3.595	95.1	1.8	1.2	0.4
645	1/30/2015 07:31:05	11.80	49.84	32.53	8.43	8.01	3.2	3.640	95.6	1.9	1.2	0.5
646	1/30/2015 07:46:05	11.80	49.89	32.57	8.41	8.01	2.7	3.672	95.4	1.7	1.1	0.4
647	1/30/2015 08:01:05	11.80	49.91	32.58	8.40	8.01	2.6	3.721	95.3	2.2	1.4	0.5
648	1/30/2015 08:16:05	11.81	49.78	32.49	8.35	8.01	2.8	3.720	94.7	1.4	0.9	0.3
649	1/30/2015 08:31:05	11.80	49.88	32.56	8.31	8.00	2.6	3.708	94.2	1.5	1.0	0.4
650	1/30/2015 08:46:05	11.80	49.88	32.56	7.93	7.98	2.9	3.688	89.9	1.5	1.0	0.4
651	1/30/2015 09:01:05	11.80	49.90	32.57	7.46	7.95	2.9	3.642	84.6	1.5	1.0	0.4
652	1/30/2015 09:16:05	11.82	49.71	32.43	7.15	7.93	3.4	3.589	81.1	2.1	1.3	0.5
653	1/30/2015 09:31:05	11.83	49.41	32.22	8.31	7.98	2.8	3.511	94.0	1.7	1.1	0.4
654	1/30/2015 09:46:05	11.86	49.22	32.08	8.30	7.98	2.6	3.433	94.0	1.7	1.1	0.4
655	1/30/2015 10:01:05	11.88	49.30	32.14	8.31	7.98	2.4	3.354	94.1	1.6	1.0	0.4
656	1/30/2015 10:16:05	11.94	48.97	31.90	8.23	7.96	2.5	3.238	93.2	1.2	0.8	0.3
657	1/30/2015 10:31:05	11.95	48.72	31.72	7.98	7.94	3.4	3.155	90.3	2.4	1.5	0.6
658	1/30/2015 10:46:05	12.00	48.70	31.71	8.01	7.94	2.5	3.059	90.7	1.2	0.8	0.3
659	1/30/2015 11:01:05	12.04	48.63	31.66	7.97	7.94	2.6	2.958	90.3	1.4	0.9	0.3
660	1/30/2015 11:16:05	12.10	48.65	31.68	8.18	7.95	2.4	2.837	92.8	1.6	1.0	0.4
661	1/30/2015 11:31:05	12.15	48.62	31.66	8.11	7.95	2.7	2.747	92.1	1.5	1.0	0.4
662	1/30/2015 11:46:05	12.20	48.43	31.53	8.03	7.93	2.8	2.629	91.2	1.5	1.0	0.4
663	1/30/2015 12:01:05	12.30	48.54	31.61	8.30	7.95	2.6	2.510	94.5	1.6	1.0	0.4
664	1/30/2015 12:16:05	12.36	48.26	31.41	8.19	7.94	2.6	2.400	93.3	1.6	1.0	0.4
665	1/30/2015 12:31:05	12.46	48.09	31.29	8.01	7.93	2.8	2.302	91.4	1.4	0.9	0.3
666	1/30/2015 12:46:05	12.51	48.02	31.24	8.14	7.93	2.8	2.170	92.9	1.9	1.2	0.5
667	1/30/2015 13:01:05	12.62	47.99	31.23	8.16	7.94	3.4	2.053	93.4	2.0	1.3	0.5
668	1/30/2015 13:16:05	12.56	47.88	31.14	8.07	7.92	3.6	1.935	92.2	2.0	1.3	0.5
669	1/30/2015 13:31:05	12.66	47.81	31.10	8.19	7.93	3.4	1.824	93.7	2.1	1.3	0.5
670	1/30/2015 13:46:05	12.72	47.78	31.08	8.24	7.94	3.1	1.710	94.4	1.6	1.0	0.4
671	1/30/2015 14:01:05	12.89	47.80	31.10	8.51	7.97	3.6	1.605	97.8	2.0	1.3	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 = 0.64)	Fluorescence %FS
672	1/30/2015 14:16:05	12.92	47.68	31.01	8.50	7.97	3.4	1.516	97.7	1.8	1.2	0.4
673	1/30/2015 14:31:05	12.98	47.58	30.94	8.57	7.97	3.7	1.436	98.6	1.9	1.2	0.5
674	1/30/2015 14:46:05	12.99	47.46	30.86	8.56	7.97	3.0	1.376	98.5	2.0	1.3	0.5
675	1/30/2015 15:01:05	13.06	47.39	30.81	8.63	7.98	2.9	1.344	99.3	2.0	1.3	0.5
676	1/30/2015 15:16:04	13.30	47.46	30.87	8.82	8.00	3.2	1.346	102.1	2.6	1.7	0.6
677	1/30/2015 15:31:05	13.14	47.51	30.89	8.69	7.98	3.3	1.347	100.3	2.6	1.7	0.6
678	1/30/2015 15:46:05	13.04	47.47	30.87	8.51	7.97	2.6	1.399	97.9	2.2	1.4	0.5
679	1/30/2015 16:01:05	13.01	47.41	30.82	8.17	7.94	2.9	1.460	93.9	2.4	1.5	0.6
680	1/30/2015 16:16:05	13.00	47.40	30.81	8.05	7.93	2.7	1.520	92.6	1.6	1.0	0.4
681	1/30/2015 16:31:05	12.97	47.19	30.66	8.03	7.93	3.2	1.599	92.2	2.0	1.3	0.5
682	1/30/2015 16:46:05	12.91	47.18	30.65	7.97	7.92	3.0	1.683	91.4	1.8	1.2	0.4
683	1/30/2015 17:01:05	12.87	47.10	30.59	7.90	7.91	3.2	1.756	90.5	2.0	1.3	0.5
684	1/30/2015 17:16:05	12.85	47.10	30.59	7.88	7.91	3.2	1.844	90.2	2.0	1.3	0.5
685	1/30/2015 17:31:05	12.80	47.26	30.70	7.86	7.91	3.2	1.907	90.0	2.2	1.4	0.5
686	1/30/2015 17:46:05	12.75	47.36	30.78	7.83	7.91	3.0	1.987	89.5	2.3	1.5	0.5
687	1/30/2015 18:01:05	12.67	47.51	30.88	7.76	7.90	2.9	2.070	88.7	2.0	1.3	0.5
688	1/30/2015 18:16:05	12.52	47.80	31.08	7.81	7.91	3.0	2.147	89.1	1.9	1.2	0.4
689	1/30/2015 18:31:05	12.42	47.91	31.16	7.91	7.92	2.8	2.219	90.1	1.6	1.0	0.4
690	1/30/2015 18:46:05	12.36	47.99	31.22	7.97	7.92	2.8	2.298	90.7	1.9	1.2	0.4
691	1/30/2015 19:01:05	12.34	48.04	31.25	8.01	7.92	2.8	2.367	91.0	1.7	1.1	0.4
692	1/30/2015 19:16:05	12.31	48.09	31.28	8.02	7.92	2.6	2.445	91.2	1.6	1.0	0.4
693	1/30/2015 19:31:05	12.31	48.14	31.32	8.02	7.93	2.8	2.523	91.3	2.0	1.3	0.5
694	1/30/2015 19:46:05	12.26	48.25	31.40	8.01	7.93	2.9	2.593	91.0	1.9	1.2	0.5
695	1/30/2015 20:01:05	12.23	48.27	31.41	8.01	7.93	2.9	2.658	90.9	2.2	1.4	0.5
696	1/30/2015 20:16:05	12.21	48.35	31.47	7.98	7.93	3.2	2.732	90.6	2.1	1.3	0.5
697	1/30/2015 20:31:05	12.19	48.44	31.53	8.02	7.93	3.6	2.791	91.0	2.5	1.6	0.6
698	1/30/2015 20:46:05	12.17	48.52	31.59	8.05	7.94	3.3	2.853	91.4	1.9	1.2	0.5
699	1/30/2015 21:01:05	12.16	48.58	31.63	8.05	7.94	3.2	2.913	91.5	2.3	1.5	0.5
700	1/30/2015 21:16:05	12.12	48.80	31.79	8.11	7.95	3.1	2.970	92.2	2.2	1.4	0.5
701	1/30/2015 21:31:05	12.10	48.96	31.91	8.14	7.96	2.6	3.024	92.5	2.3	1.5	0.5
702	1/30/2015 21:46:05	12.07	49.13	32.03	8.16	7.97	2.4	3.056	92.8	2.1	1.3	0.5
703	1/30/2015 22:01:05	12.07	49.15	32.04	8.12	7.97	2.3	3.060	92.3	2.5	1.6	0.6
704	1/30/2015 22:16:05	12.09	49.00	31.93	8.06	7.96	2.1	3.087	91.5	2.1	1.3	0.5
705	1/30/2015 22:31:05	12.09	49.07	31.99	8.01	7.96	2.5	3.071	91.1	1.9	1.2	0.4
706	1/30/2015 22:46:05	12.09	49.06	31.98	7.98	7.95	2.6	3.028	90.7	1.7	1.1	0.4
707	1/30/2015 23:01:05	12.07	48.49	31.56	7.90	7.93	2.9	2.978	89.6	2.3	1.5	0.5
708	1/30/2015 23:16:06	12.12	48.19	31.35	7.78	7.91	2.9	2.929	88.1	2.4	1.5	0.6
709	1/30/2015 23:31:05	12.05	48.36	31.47	7.91	7.93	3.2	2.865	89.5	2.2	1.4	0.5
710	1/30/2015 23:46:05	12.09	48.43	31.52	7.84	7.92	2.9	2.804	88.8	2.4	1.5	0.6
711	1/31/2015 00:01:05	12.06	48.33	31.45	7.84	7.92	3.1	2.733	88.8	1.5	1.0	0.4
712	1/31/2015 00:16:05	12.03	48.28	31.41	7.85	7.92	2.9	2.664	88.8	2.4	1.5	0.6
713	1/31/2015 00:31:05	12.03	48.26	31.40	7.83	7.91	2.9	2.609	88.5	2.2	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 = 0.64)	Fluorescence %FS
714	1/31/2015 00:46:05	12.00	48.27	31.40	7.80	7.91	2.9	2.546	88.2	1.9	1.2	0.5
715	1/31/2015 01:01:05	12.00	48.22	31.37	7.78	7.91	2.9	2.486	88.0	2.0	1.3	0.5
716	1/31/2015 01:16:05	12.00	48.13	31.30	7.75	7.90	2.9	2.443	87.6	1.7	1.1	0.4
717	1/31/2015 01:31:05	12.00	48.05	31.24	7.67	7.89	2.8	2.391	86.6	1.7	1.1	0.4
718	1/31/2015 01:46:05	12.00	47.95	31.17	7.57	7.88	2.8	2.343	85.4	1.8	1.2	0.4
719	1/31/2015 02:01:05	12.16	47.70	31.00	7.46	7.87	2.6	2.295	84.4	2.3	1.5	0.6
720	1/31/2015 02:16:05	12.13	47.68	30.98	7.42	7.87	2.5	2.275	83.9	1.8	1.2	0.4
721	1/31/2015 02:31:05	12.12	47.67	30.97	7.39	7.87	2.5	2.263	83.5	1.6	1.0	0.4
722	1/31/2015 02:46:05	12.17	47.62	30.94	7.32	7.87	2.5	2.235	82.8	2.1	1.3	0.5
723	1/31/2015 03:01:05	12.12	47.63	30.94	7.28	7.86	2.5	2.232	82.3	1.9	1.2	0.5
724	1/31/2015 03:16:05	12.13	47.83	31.09	7.23	7.86	2.3	2.247	81.8	1.4	0.9	0.3
725	1/31/2015 03:31:05	12.06	47.84	31.09	7.38	7.87	2.6	2.279	83.4	2.1	1.3	0.5
726	1/31/2015 03:46:05	12.08	47.91	31.14	7.48	7.88	2.6	2.307	84.5	1.8	1.2	0.4
727	1/31/2015 04:01:05	12.01	47.89	31.12	7.50	7.88	2.8	2.357	84.6	1.8	1.2	0.4
728	1/31/2015 04:16:05	12.00	47.74	31.02	7.58	7.89	3.6	2.426	85.4	1.5	1.0	0.3
729	1/31/2015 04:31:05	11.98	47.74	31.02	7.61	7.89	3.2	2.478	85.8	1.4	0.9	0.3
730	1/31/2015 04:46:05	12.02	48.01	31.21	7.55	7.89	3.1	2.540	85.3	1.7	1.1	0.4
731	1/31/2015 05:01:05	12.04	48.09	31.27	7.57	7.90	3.4	2.619	85.6	1.7	1.1	0.4
732	1/31/2015 05:16:05	12.03	48.28	31.41	7.65	7.90	3.1	2.687	86.5	1.4	0.9	0.3
733	1/31/2015 05:31:05	12.01	48.42	31.51	7.75	7.92	3.3	2.766	87.7	1.8	1.2	0.4
734	1/31/2015 05:46:05	12.00	48.64	31.67	7.88	7.93	2.9	2.825	89.2	2.0	1.3	0.5
735	1/31/2015 06:01:05	12.00	48.81	31.79	7.95	7.94	3.0	2.931	90.1	1.8	1.2	0.4
736	1/31/2015 06:16:05	12.01	48.91	31.86	8.02	7.95	3.0	2.996	91.0	2.6	1.7	0.6
737	1/31/2015 06:31:05	11.98	49.12	32.02	8.07	7.96	3.2	3.073	91.5	2.5	1.6	0.6
738	1/31/2015 06:46:05	11.94	49.34	32.17	8.14	7.97	3.7	3.160	92.4	1.8	1.2	0.4
739	1/31/2015 07:01:06	11.92	49.47	32.26	8.19	7.98	3.6	3.228	92.9	1.6	1.0	0.4
740	1/31/2015 07:16:06	11.88	49.59	32.36	8.22	7.99	4.5	3.302	93.3	1.9	1.2	0.4
741	1/31/2015 07:31:06	11.81	49.72	32.44	8.27	7.99	3.6	3.371	93.7	2.2	1.4	0.5
742	1/31/2015 07:46:06	11.79	49.80	32.50	8.25	8.00	3.2	3.453	93.5	1.9	1.2	0.5
743	1/31/2015 08:01:05	11.76	49.86	32.54	8.31	8.00	3.4	3.524	94.2	2.5	1.6	0.6
744	1/31/2015 08:16:05	11.73	49.92	32.58	8.27	8.00	3.1	3.583	93.7	2.1	1.3	0.5
745	1/31/2015 08:31:06	11.71	49.98	32.63	7.99	7.99	3.2	3.624	90.5	2.2	1.4	0.5
746	1/31/2015 08:46:05	11.71	50.01	32.65	8.00	7.99	3.4	3.679	90.6	1.7	1.1	0.4
747	1/31/2015 09:01:05	11.72	50.02	32.65	7.86	7.98	2.7	3.692	89.0	1.3	0.8	0.3
748	1/31/2015 09:16:06	11.72	49.79	32.49	7.95	7.98	3.0	3.691	90.0	1.6	1.0	0.4
749	1/31/2015 09:31:05	11.73	49.92	32.59	7.88	7.97	2.5	3.702	89.2	1.6	1.0	0.4
750	1/31/2015 09:46:06	11.71	50.00	32.64	7.92	7.98	3.1	3.659	89.7	1.5	1.0	0.4
751	1/31/2015 10:01:06	11.72	49.99	32.63	8.01	7.99	2.6	3.624	90.7	1.2	0.8	0.3
752	1/31/2015 10:16:06	11.80	49.75	32.46	8.18	7.99	3.2	3.554	92.7	2.0	1.3	0.5
753	1/31/2015 10:31:05	11.91	49.31	32.15	8.50	7.99	2.6	3.474	96.3	1.5	1.0	0.4
754	1/31/2015 10:46:05	11.96	49.30	32.15	8.46	7.99	2.2	3.396	96.0	1.6	1.0	0.4
755	1/31/2015 11:01:05	12.03	49.16	32.05	8.43	7.98	2.3	3.291	95.7	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 = 0.64)	Fluorescence %FS
756	1/31/2015 11:16:05	12.07	49.00	31.94	8.20	7.97	2.8	3.187	93.1	1.6	1.0	0.4
757	1/31/2015 11:31:05	12.16	49.02	31.95	8.30	7.97	2.5	3.080	94.5	1.5	1.0	0.4
758	1/31/2015 11:46:06	12.16	48.91	31.88	8.14	7.95	2.7	2.974	92.6	1.4	0.9	0.3
759	1/31/2015 12:01:05	12.19	48.81	31.80	8.04	7.95	3.1	2.864	91.5	1.4	0.9	0.3
760	1/31/2015 12:16:06	12.26	48.79	31.79	8.12	7.95	2.9	2.750	92.5	1.5	1.0	0.4
761	1/31/2015 12:31:05	12.37	48.89	31.87	8.31	7.97	2.8	2.645	95.0	1.2	0.8	0.3
762	1/31/2015 12:46:05	12.38	48.64	31.69	8.24	7.95	3.2	2.497	94.1	1.3	0.8	0.3
763	1/31/2015 13:01:05	12.49	48.58	31.64	7.97	7.94	3.2	2.391	91.2	1.2	0.8	0.3
764	1/31/2015 13:16:05	12.73	48.55	31.63	8.15	7.96	2.8	2.272	93.7	1.7	1.1	0.4
765	1/31/2015 13:31:05	12.59	48.24	31.40	8.15	7.94	3.6	2.136	93.3	1.7	1.1	0.4
766	1/31/2015 13:46:05	12.73	48.16	31.35	8.23	7.94	3.7	2.005	94.5	2.3	1.5	0.5
767	1/31/2015 14:01:05	12.81	48.10	31.31	8.37	7.95	4.0	1.890	96.1	1.6	1.0	0.4
768	1/31/2015 14:16:04	12.74	47.87	31.15	8.18	7.93	4.0	1.765	93.8	1.8	1.2	0.4
769	1/31/2015 14:31:05	12.83	47.81	31.10	8.32	7.95	3.7	1.648	95.6	2.2	1.4	0.5
770	1/31/2015 14:46:05	12.86	47.81	31.11	8.37	7.95	3.5	1.523	96.2	1.6	1.0	0.4
771	1/31/2015 15:01:05	12.86	47.71	31.03	8.43	7.96	3.6	1.434	96.7	2.2	1.4	0.5
772	1/31/2015 15:16:05	12.89	47.74	31.05	8.46	7.96	3.0	1.345	97.2	2.4	1.5	0.6
773	1/31/2015 15:31:05	12.95	47.69	31.02	8.60	7.97	3.2	1.276	98.9	1.9	1.2	0.5
774	1/31/2015 15:46:05	13.05	47.60	30.96	8.76	7.99	3.2	1.231	100.9	2.7	1.7	0.6
775	1/31/2015 16:01:05	13.08	47.51	30.89	8.85	8.01	3.5	1.205	101.9	2.9	1.9	0.7
776	1/31/2015 16:16:05	13.05	47.55	30.92	8.75	7.99	3.2	1.249	100.8	2.5	1.6	0.6
777	1/31/2015 16:31:05	12.94	47.51	30.89	8.64	7.98	3.1	1.288	99.2	2.4	1.5	0.6
778	1/31/2015 16:46:05	12.89	47.43	30.83	8.16	7.94	3.1	1.343	93.7	2.2	1.4	0.5
779	1/31/2015 17:01:05	12.83	47.44	30.83	8.01	7.93	3.2	1.423	91.8	2.6	1.7	0.6
780	1/31/2015 17:16:05	12.83	47.04	30.55	8.12	7.94	3.6	1.519	92.9	2.5	1.6	0.6
781	1/31/2015 17:31:05	12.83	47.09	30.59	8.07	7.93	3.8	1.600	92.4	2.5	1.6	0.6
782	1/31/2015 17:46:05	12.83	46.93	30.47	8.02	7.92	3.9	1.669	91.7	2.6	1.7	0.6
783	1/31/2015 18:01:05	12.81	47.03	30.54	8.01	7.92	4.0	1.763	91.6	2.6	1.7	0.6
784	1/31/2015 18:16:05	12.77	47.27	30.71	7.95	7.91	3.7	1.836	90.9	2.6	1.7	0.6
785	1/31/2015 18:31:05	12.73	47.51	30.88	7.89	7.91	3.9	1.923	90.2	2.5	1.6	0.6
786	1/31/2015 18:46:05	12.66	47.69	31.01	7.83	7.91	3.2	2.007	89.5	2.0	1.3	0.5
787	1/31/2015 19:01:05	12.54	47.96	31.20	7.94	7.92	3.1	2.082	90.7	1.9	1.2	0.4
788	1/31/2015 19:16:05	12.49	47.96	31.20	7.96	7.92	2.9	2.166	90.8	2.4	1.5	0.6
789	1/31/2015 19:31:05	12.42	48.09	31.29	8.07	7.93	2.8	2.257	91.9	2.0	1.3	0.5
790	1/31/2015 19:46:05	12.40	48.09	31.29	8.13	7.93	3.0	2.345	92.6	2.0	1.3	0.5
791	1/31/2015 20:01:05	12.38	48.20	31.37	8.12	7.93	3.0	2.418	92.5	2.5	1.6	0.6
792	1/31/2015 20:16:05	12.35	48.27	31.41	8.12	7.94	3.1	2.498	92.5	2.3	1.5	0.5
793	1/31/2015 20:31:05	12.32	48.38	31.49	8.10	7.94	3.2	2.592	92.3	2.2	1.4	0.5
794	1/31/2015 20:46:05	12.30	48.44	31.54	8.06	7.93	3.4	2.670	91.8	2.0	1.3	0.5
795	1/31/2015 21:01:05	12.27	48.50	31.58	8.06	7.94	4.0	2.733	91.7	1.8	1.2	0.4
796	1/31/2015 21:16:05	12.23	48.60	31.65	8.11	7.94	3.7	2.818	92.2	2.1	1.3	0.5
797	1/31/2015 21:31:05	12.20	48.71	31.73	8.15	7.95	3.6	2.887	92.6	1.7	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 = 0.64)	Fluorescence %FS
798	1/31/2015 21:46:05	12.16	48.87	31.84	8.17	7.96	4.2	2.951	92.9	2.1	1.3	0.5
799	1/31/2015 22:01:05	12.09	49.17	32.06	8.21	7.97	3.8	3.014	93.3	2.0	1.3	0.5
800	1/31/2015 22:16:05	12.05	49.33	32.17	8.24	7.98	3.1	3.068	93.6	2.1	1.3	0.5
801	1/31/2015 22:31:05	12.00	49.50	32.29	8.29	7.98	2.9	3.121	94.2	2.6	1.7	0.6
802	1/31/2015 22:46:05	11.99	49.54	32.32	8.27	7.99	2.8	3.145	94.0	2.3	1.5	0.5
803	1/31/2015 23:01:05	11.99	49.55	32.33	8.13	7.98	2.0	3.168	92.4	2.2	1.4	0.5
804	1/31/2015 23:16:05	12.01	49.43	32.24	8.21	7.98	3.4	3.168	93.3	1.8	1.2	0.4
805	1/31/2015 23:31:05	11.99	49.52	32.31	8.23	7.98	2.7	3.133	93.6	2.0	1.3	0.5
806	1/31/2015 23:46:05	12.00	49.43	32.24	8.20	7.98	3.3	3.083	93.2	1.7	1.1	0.4
807	2/1/2015 00:01:05	12.11	48.45	31.53	7.92	7.93	4.5	3.015	89.8	2.4	1.5	0.6
808	2/1/2015 00:16:06	12.10	48.46	31.55	8.03	7.94	3.2	2.951	91.0	2.1	1.3	0.5
809	2/1/2015 00:31:05	12.10	48.66	31.69	8.07	7.94	2.9	2.877	91.6	2.3	1.5	0.5
810	2/1/2015 00:46:06	12.11	48.50	31.57	7.97	7.93	3.0	2.796	90.4	2.5	1.6	0.6
811	2/1/2015 01:01:05	12.16	48.42	31.52	7.96	7.93	3.5	2.723	90.3	1.8	1.2	0.4
812	2/1/2015 01:16:05	12.13	48.41	31.51	7.93	7.92	3.4	2.662	89.9	2.5	1.6	0.6
813	2/1/2015 01:31:05	12.13	48.38	31.48	7.92	7.92	3.1	2.587	89.9	2.2	1.4	0.5
814	2/1/2015 01:46:05	12.12	48.35	31.46	7.90	7.92	3.0	2.518	89.6	2.2	1.4	0.5
815	2/1/2015 02:01:05	12.13	48.27	31.41	7.85	7.91	2.9	2.454	89.0	2.3	1.5	0.5
816	2/1/2015 02:16:05	12.14	48.14	31.31	7.77	7.90	2.6	2.410	88.0	1.9	1.2	0.5
817	2/1/2015 02:31:05	12.17	48.04	31.24	7.68	7.89	2.8	2.346	87.1	1.5	1.0	0.4
818	2/1/2015 02:46:05	12.08	48.09	31.28	7.65	7.89	2.6	2.295	86.5	2.0	1.3	0.5
819	2/1/2015 03:01:05	12.23	47.71	31.00	7.51	7.88	2.5	2.250	85.1	2.0	1.3	0.5
820	2/1/2015 03:16:05	12.23	47.67	30.98	7.49	7.88	2.5	2.220	84.8	1.8	1.2	0.4
821	2/1/2015 03:31:05	12.22	47.61	30.94	7.43	7.88	2.3	2.204	84.2	1.8	1.2	0.4
822	2/1/2015 03:46:05	12.21	47.66	30.97	7.34	7.86	2.3	2.183	83.1	1.8	1.2	0.4
823	2/1/2015 04:01:05	12.20	47.88	31.13	7.52	7.88	2.5	2.245	85.2	1.5	1.0	0.4
824	2/1/2015 04:16:05	12.19	47.98	31.20	7.57	7.88	2.8	2.279	85.8	1.8	1.2	0.4
825	2/1/2015 04:31:05	12.15	48.00	31.21	7.61	7.89	2.6	2.308	86.2	1.8	1.2	0.4
826	2/1/2015 04:46:05	12.16	48.04	31.24	7.63	7.89	2.6	2.379	86.4	1.7	1.1	0.4
827	2/1/2015 05:01:05	12.13	47.99	31.20	7.69	7.89	2.8	2.448	87.1	1.2	0.8	0.3
828	2/1/2015 05:16:05	12.13	48.07	31.26	7.70	7.90	2.8	2.475	87.2	1.5	1.0	0.4
829	2/1/2015 05:31:05	12.12	48.15	31.32	7.73	7.90	3.0	2.521	87.6	1.6	1.0	0.4
830	2/1/2015 05:46:05	12.11	48.28	31.41	7.80	7.91	3.0	2.571	88.4	2.3	1.5	0.5
831	2/1/2015 06:01:05	12.08	48.46	31.54	7.89	7.92	3.7	2.658	89.4	1.5	1.0	0.4
832	2/1/2015 06:16:05	12.06	48.58	31.63	7.95	7.93	2.8	2.719	90.1	2.0	1.3	0.5
833	2/1/2015 06:31:05	12.07	48.70	31.71	8.04	7.94	3.1	2.807	91.2	1.7	1.1	0.4
834	2/1/2015 06:46:05	12.07	48.81	31.80	8.08	7.95	3.5	2.897	91.7	2.1	1.3	0.5
835	2/1/2015 07:01:05	12.06	48.88	31.85	8.09	7.95	3.1	2.975	91.8	2.0	1.3	0.5
836	2/1/2015 07:16:05	12.01	49.08	31.99	8.08	7.95	3.6	3.064	91.6	1.5	1.0	0.4
837	2/1/2015 07:31:05	11.97	49.30	32.15	8.14	7.97	3.6	3.133	92.3	1.8	1.2	0.4
838	2/1/2015 07:46:05	11.92	49.45	32.25	8.20	7.97	3.7	3.224	93.0	1.7	1.1	0.4
839	2/1/2015 08:01:05	11.89	49.55	32.32	8.23	7.98	3.8	3.297	93.4	2.0	1.3	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 = 0.64)	Fluorescence %FS
840	2/1/2015 08:16:05	11.81	49.71	32.44	8.29	7.99	4.4	3.388	94.0	1.5	1.0	0.4
841	2/1/2015 08:31:05	11.74	49.83	32.52	8.32	7.99	4.1	3.456	94.2	1.5	1.0	0.4
842	2/1/2015 08:46:05	11.69	49.93	32.59	8.29	7.99	3.9	3.531	93.8	1.9	1.2	0.5
843	2/1/2015 09:01:05	11.66	50.01	32.64	8.17	7.99	4.4	3.596	92.4	2.0	1.3	0.5
844	2/1/2015 09:16:05	11.61	50.10	32.71	8.27	8.00	4.0	3.667	93.5	1.4	0.9	0.3
845	2/1/2015 09:31:05	11.59	50.12	32.73	8.24	8.00	3.4	3.702	93.1	1.2	0.8	0.3
846	2/1/2015 09:46:05	11.59	50.14	32.74	8.20	8.00	3.4	3.715	92.7	1.2	0.8	0.3
847	2/1/2015 10:01:05	11.66	49.94	32.60	8.14	7.99	2.5	3.753	92.0	1.6	1.0	0.4
848	2/1/2015 10:16:05	11.61	50.08	32.69	8.15	7.99	2.7	3.744	92.1	1.2	0.8	0.3
849	2/1/2015 10:31:05	11.61	50.11	32.71	8.15	7.99	3.1	3.690	92.2	1.7	1.1	0.4
850	2/1/2015 10:46:05	11.61	50.10	32.71	8.18	7.99	3.3	3.647	92.5	1.1	0.7	0.3
851	2/1/2015 11:01:05	11.96	49.52	32.31	8.58	8.00	2.9	3.576	97.5	1.5	1.0	0.3
852	2/1/2015 11:16:05	12.00	49.33	32.17	8.32	7.98	2.7	3.503	94.5	2.1	1.3	0.5
853	2/1/2015 11:31:05	12.03	49.27	32.13	8.28	7.97	2.6	3.397	94.1	2.0	1.3	0.5
854	2/1/2015 11:46:05	12.11	49.22	32.10	8.37	7.97	2.6	3.295	95.3	2.1	1.3	0.5
855	2/1/2015 12:01:05	12.17	49.02	31.95	8.20	7.96	3.2	3.209	93.4	1.8	1.2	0.4
856	2/1/2015 12:16:05	12.18	49.06	31.98	8.26	7.96	3.1	3.095	94.0	1.6	1.0	0.4
857	2/1/2015 12:31:05	12.21	49.03	31.96	8.32	7.97	2.6	2.966	94.8	2.2	1.4	0.5
858	2/1/2015 12:46:05	12.27	48.99	31.94	8.35	7.97	2.9	2.851	95.2	2.2	1.4	0.5
859	2/1/2015 13:01:05	12.31	49.05	31.98	8.29	7.97	2.7	2.738	94.7	1.8	1.2	0.4
860	2/1/2015 13:16:05	12.37	48.86	31.85	8.29	7.96	3.1	2.607	94.7	2.2	1.4	0.5
861	2/1/2015 13:31:05	12.43	48.92	31.89	8.27	7.97	3.3	2.474	94.6	2.1	1.3	0.5
862	2/1/2015 13:46:05	12.56	48.55	31.63	8.38	7.96	3.6	2.355	96.0	2.3	1.5	0.6
863	2/1/2015 14:01:05	12.61	48.37	31.50	8.22	7.94	4.0	2.229	94.2	2.0	1.3	0.5
864	2/1/2015 14:16:05	12.66	48.30	31.45	8.27	7.94	4.3	2.089	94.8	3.1	2.0	0.7
865	2/1/2015 14:31:05	12.83	48.27	31.43	8.49	7.96	4.0	1.956	97.7	1.8	1.2	0.4
866	2/1/2015 14:46:05	12.88	48.16	31.36	8.39	7.95	4.5	1.821	96.6	2.3	1.5	0.5
867	2/1/2015 15:01:05	12.90	47.97	31.22	8.34	7.94	4.7	1.684	96.0	2.1	1.3	0.5
868	2/1/2015 15:16:05	12.96	47.95	31.21	8.35	7.95	4.5	1.561	96.2	2.9	1.9	0.7
869	2/1/2015 15:31:05	12.92	47.86	31.15	8.26	7.94	4.3	1.440	95.0	2.4	1.5	0.6
870	2/1/2015 15:46:05	12.93	47.87	31.15	8.26	7.94	4.2	1.346	95.1	2.4	1.5	0.6
871	2/1/2015 16:01:05	12.95	47.82	31.12	8.32	7.94	4.0	1.263	95.7	2.7	1.7	0.6
872	2/1/2015 16:16:05	13.02	47.72	31.05	8.40	7.95	4.4	1.197	96.8	3.0	1.9	0.7
873	2/1/2015 16:31:05	13.04	47.67	31.01	8.41	7.95	4.7	1.161	96.9	3.0	1.9	0.7
874	2/1/2015 16:46:05	13.07	47.74	31.06	8.49	7.96	4.0	1.176	97.9	2.7	1.7	0.6
875	2/1/2015 17:01:05	13.05	47.59	30.95	8.38	7.95	4.2	1.204	96.5	3.0	1.9	0.7
876	2/1/2015 17:16:05	13.01	47.66	31.00	8.30	7.94	4.2	1.262	95.6	3.0	1.9	0.7
877	2/1/2015 17:31:05	12.96	47.56	30.93	8.11	7.93	4.7	1.341	93.3	2.4	1.5	0.6
878	2/1/2015 17:46:05	12.92	47.42	30.82	8.04	7.92	4.4	1.430	92.3	2.9	1.9	0.7
879	2/1/2015 18:01:05	12.90	47.18	30.65	8.00	7.92	4.6	1.518	91.7	2.8	1.8	0.7
880	2/1/2015 18:16:05	12.89	47.13	30.62	8.00	7.92	4.9	1.592	91.7	3.4	2.2	0.8
881	2/1/2015 18:31:05	12.87	47.04	30.55	7.97	7.91	4.8	1.685	91.3	2.8	1.8	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 = 0.64)	Fluorescence %FS
882	2/1/2015 18:46:05	12.84	47.16	30.64	7.97	7.91	4.6	1.769	91.2	3.5	2.2	0.8
883	2/1/2015 19:01:05	12.81	47.34	30.77	7.94	7.91	4.3	1.849	90.9	3.2	2.0	0.8
884	2/1/2015 19:16:05	12.78	47.61	30.96	7.86	7.90	4.0	1.936	90.0	2.9	1.9	0.7
885	2/1/2015 19:31:05	12.71	47.85	31.12	7.86	7.90	3.8	2.018	90.0	2.7	1.7	0.7
886	2/1/2015 19:46:05	12.61	48.04	31.26	7.92	7.91	3.9	2.126	90.6	2.3	1.5	0.5
887	2/1/2015 20:01:05	12.56	48.13	31.32	8.01	7.92	3.8	2.204	91.6	2.5	1.6	0.6
888	2/1/2015 20:16:05	12.54	48.19	31.37	8.07	7.92	3.3	2.280	92.2	2.7	1.7	0.6
889	2/1/2015 20:31:05	12.50	48.30	31.45	8.14	7.93	3.7	2.393	93.0	2.2	1.4	0.5
890	2/1/2015 20:46:05	12.46	48.39	31.51	8.14	7.94	3.7	2.465	92.9	2.4	1.5	0.6
891	2/1/2015 21:01:05	12.42	48.49	31.58	8.13	7.94	4.0	2.543	92.8	2.3	1.5	0.5
892	2/1/2015 21:16:05	12.40	48.54	31.62	8.11	7.94	3.7	2.643	92.5	2.3	1.5	0.6
893	2/1/2015 21:31:05	12.36	48.59	31.65	8.13	7.94	4.2	2.730	92.7	1.7	1.1	0.4
894	2/1/2015 21:46:05	12.31	48.70	31.73	8.18	7.95	4.5	2.799	93.2	2.0	1.3	0.5
895	2/1/2015 22:01:05	12.27	48.82	31.81	8.21	7.95	4.3	2.888	93.6	2.9	1.9	0.7
896	2/1/2015 22:16:05	12.15	49.12	32.02	8.24	7.96	4.4	2.972	93.9	2.1	1.3	0.5
897	2/1/2015 22:31:05	12.06	49.39	32.21	8.26	7.97	4.6	3.033	93.9	2.4	1.5	0.6
898	2/1/2015 22:46:05	12.01	49.53	32.31	8.27	7.98	4.0	3.104	94.0	2.1	1.3	0.5
899	2/1/2015 23:01:05	11.98	49.63	32.39	8.27	7.98	3.7	3.154	94.0	2.7	1.7	0.6
900	2/1/2015 23:16:05	11.97	49.66	32.41	8.25	7.98	3.2	3.199	93.8	1.5	1.0	0.4
901	2/1/2015 23:31:05	11.96	49.67	32.42	8.23	7.98	2.7	3.230	93.5	2.1	1.3	0.5
902	2/1/2015 23:46:05	12.02	49.58	32.35	8.11	7.97	2.5	3.234	92.3	2.2	1.4	0.5
903	2/2/2015 00:01:05	12.00	49.58	32.35	8.17	7.97	3.7	3.220	92.9	1.6	1.0	0.4
904	2/2/2015 00:16:05	11.98	49.63	32.39	8.17	7.98	3.5	3.200	92.9	2.9	1.9	0.7
905	2/2/2015 00:31:05	12.26	48.83	31.82	8.01	7.94	4.3	3.136	91.3	2.3	1.5	0.6
906	2/2/2015 00:46:05	12.35	48.66	31.70	7.93	7.93	3.2	3.066	90.4	2.3	1.5	0.6
907	2/2/2015 01:01:05	12.27	48.85	31.84	8.02	7.94	3.1	3.001	91.4	2.0	1.3	0.5
908	2/2/2015 01:16:05	12.22	48.98	31.93	8.05	7.95	3.2	2.918	91.7	1.6	1.0	0.4
909	2/2/2015 01:31:05	12.29	48.76	31.77	8.01	7.94	3.3	2.850	91.3	1.8	1.2	0.4
910	2/2/2015 01:46:06	12.32	48.66	31.70	7.99	7.93	3.2	2.763	91.1	2.0	1.3	0.5
911	2/2/2015 02:01:06	12.35	48.56	31.63	7.95	7.93	3.1	2.678	90.7	2.2	1.4	0.5
912	2/2/2015 02:16:05	12.37	48.49	31.58	7.90	7.92	2.9	2.626	90.1	2.2	1.4	0.5
913	2/2/2015 02:31:05	12.42	48.35	31.48	7.82	7.91	2.9	2.545	89.3	2.2	1.4	0.5
914	2/2/2015 02:46:05	12.43	48.31	31.45	7.82	7.91	3.4	2.453	89.2	2.3	1.5	0.5
915	2/2/2015 03:01:05	12.46	48.23	31.39	7.77	7.90	3.2	2.418	88.6	2.1	1.3	0.5
916	2/2/2015 03:16:05	12.50	48.10	31.30	7.71	7.89	2.9	2.347	88.1	2.1	1.3	0.5
917	2/2/2015 03:31:05	12.59	47.87	31.14	7.60	7.88	2.8	2.276	86.8	1.7	1.1	0.4
918	2/2/2015 03:46:05	12.58	47.91	31.17	7.60	7.88	3.1	2.236	86.8	2.2	1.4	0.5
919	2/2/2015 04:01:05	12.62	47.82	31.10	7.55	7.88	2.9	2.232	86.3	2.3	1.5	0.6
920	2/2/2015 04:16:05	12.64	47.77	31.07	7.48	7.87	3.1	2.194	85.6	2.4	1.5	0.6
921	2/2/2015 04:31:06	12.65	47.74	31.04	7.35	7.87	3.1	2.181	84.1	1.9	1.2	0.4
922	2/2/2015 04:46:05	12.60	47.85	31.13	7.47	7.87	2.9	2.193	85.3	2.1	1.3	0.5
923	2/2/2015 05:01:05	12.57	47.95	31.20	7.49	7.88	3.1	2.213	85.6	2.2	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 = 0.64)	Fluorescence %FS
924	2/2/2015 05:16:05	12.55	48.00	31.23	7.57	7.88	3.2	2.253	86.5	1.8	1.2	0.4
925	2/2/2015 05:31:05	12.53	48.02	31.24	7.61	7.89	3.5	2.299	86.9	2.1	1.3	0.5
926	2/2/2015 05:46:05	12.54	47.75	31.05	7.68	7.89	3.9	2.349	87.6	1.5	1.0	0.4
927	2/2/2015 06:01:05	12.51	47.95	31.19	7.67	7.89	3.4	2.419	87.5	2.0	1.3	0.5
928	2/2/2015 06:16:05	12.48	48.09	31.29	7.70	7.90	3.2	2.483	87.9	1.8	1.2	0.4
929	2/2/2015 06:31:05	12.44	48.24	31.40	7.74	7.90	3.3	2.559	88.3	1.4	0.9	0.3
930	2/2/2015 06:46:06	12.37	48.45	31.55	7.82	7.92	3.3	2.637	89.2	2.3	1.5	0.5
931	2/2/2015 07:01:05	12.31	48.63	31.67	7.89	7.92	3.2	2.715	89.9	2.2	1.4	0.5
932	2/2/2015 07:16:05	12.26	48.76	31.77	8.02	7.94	3.1	2.803	91.3	1.8	1.2	0.4
933	2/2/2015 07:31:05	12.23	48.88	31.85	8.06	7.94	3.2	2.874	91.8	1.9	1.2	0.4
934	2/2/2015 07:46:05	12.22	48.92	31.88	8.07	7.95	3.1	2.951	92.0	1.7	1.1	0.4
935	2/2/2015 08:01:05	12.16	49.06	31.98	8.09	7.95	3.5	3.047	92.0	1.9	1.2	0.4
936	2/2/2015 08:16:05	12.06	49.28	32.13	8.10	7.96	4.2	3.125	92.1	1.6	1.0	0.4
937	2/2/2015 08:31:05	11.99	49.42	32.23	8.11	7.97	4.0	3.202	92.2	1.5	1.0	0.3
938	2/2/2015 08:46:05	11.92	49.57	32.34	8.11	7.97	4.7	3.312	92.1	1.5	1.0	0.4
939	2/2/2015 09:01:05	11.81	49.73	32.45	8.15	7.98	4.7	3.375	92.4	1.9	1.2	0.4
940	2/2/2015 09:16:05	11.77	49.79	32.49	8.14	7.98	5.0	3.452	92.2	2.2	1.4	0.5
941	2/2/2015 09:31:05	11.73	49.85	32.53	8.16	7.99	4.2	3.536	92.3	1.7	1.1	0.4
942	2/2/2015 09:46:05	11.69	49.93	32.59	8.18	7.99	4.0	3.600	92.6	1.8	1.2	0.4
943	2/2/2015 10:01:05	11.66	49.98	32.62	8.17	7.99	3.1	3.641	92.3	1.4	0.9	0.3
944	2/2/2015 10:16:06	11.65	50.00	32.64	8.11	7.99	3.4	3.700	91.7	1.4	0.9	0.3
945	2/2/2015 10:31:05	11.63	50.02	32.65	8.08	7.99	3.7	3.738	91.3	1.1	0.7	0.3
946	2/2/2015 10:46:05	11.63	50.01	32.64	8.07	7.99	2.1	3.723	91.2	1.5	1.0	0.4
947	2/2/2015 11:01:06	11.73	49.87	32.54	8.03	7.98	2.6	3.734	90.9	1.2	0.8	0.3
948	2/2/2015 11:16:05	11.67	49.96	32.61	8.02	7.98	3.2	3.703	90.7	1.1	0.7	0.3
949	2/2/2015 11:31:05	11.66	49.95	32.61	8.01	7.99	2.9	3.658	90.6	1.5	1.0	0.4
950	2/2/2015 11:46:05	11.97	49.48	32.27	8.18	7.98	3.9	3.567	92.9	2.0	1.3	0.5
951	2/2/2015 12:01:05	12.01	49.41	32.23	8.17	7.97	3.1	3.477	92.9	1.9	1.2	0.4
952	2/2/2015 12:16:05	12.09	49.18	32.06	8.07	7.96	2.8	3.403	91.7	1.9	1.2	0.4
953	2/2/2015 12:31:05	12.18	48.98	31.92	7.98	7.95	2.8	3.303	90.8	1.8	1.2	0.4
954	2/2/2015 12:46:05	12.17	48.93	31.88	7.91	7.94	3.5	3.180	90.0	2.2	1.4	0.5
955	2/2/2015 13:01:05	12.25	48.71	31.73	7.80	7.93	3.7	3.058	88.8	2.3	1.5	0.5
956	2/2/2015 13:16:05	12.31	48.48	31.57	7.88	7.93	3.7	2.955	89.7	2.4	1.5	0.6
957	2/2/2015 13:31:05	12.34	48.38	31.49	7.99	7.93	2.8	2.843	91.0	2.1	1.3	0.5
958	2/2/2015 13:46:05	12.36	48.33	31.46	8.05	7.94	2.9	2.701	91.7	2.6	1.7	0.6
959	2/2/2015 14:01:05	12.42	48.28	31.42	7.97	7.92	3.9	2.587	90.9	2.8	1.8	0.7
960	2/2/2015 14:16:06	12.35	48.62	31.67	7.93	7.94	3.4	2.455	90.5	2.2	1.4	0.5
961	2/2/2015 14:31:05	12.58	48.05	31.27	8.06	7.92	3.7	2.316	92.1	2.6	1.7	0.6
962	2/2/2015 14:46:05	12.65	47.95	31.20	7.95	7.91	4.5	2.184	91.0	2.9	1.9	0.7
963	2/2/2015 15:01:05	12.80	48.02	31.25	8.20	7.95	4.0	2.059	94.2	2.7	1.7	0.6
964	2/2/2015 15:16:05	12.92	47.75	31.07	8.25	7.94	4.8	1.914	94.9	2.3	1.5	0.6
965	2/2/2015 15:31:05	12.99	47.63	30.98	8.32	7.92	5.8	1.802	95.8	2.9	1.9	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 = 0.64)	Fluorescence %FS
966	2/2/2015 15:46:05	13.01	47.45	30.85	7.76	7.89	5.5	1.658	89.2	2.2	1.4	0.5
967	2/2/2015 16:01:05	13.07	47.38	30.80	7.86	7.90	5.6	1.538	90.5	2.9	1.9	0.7
968	2/2/2015 16:16:05	13.09	47.26	30.72	7.72	7.89	4.7	1.423	88.9	2.7	1.7	0.6
969	2/2/2015 16:31:05	13.10	47.23	30.70	7.66	7.88	3.9	1.330	88.3	3.2	2.0	0.7
970	2/2/2015 16:46:05	13.17	47.11	30.61	7.67	7.88	4.5	1.274	88.3	3.3	2.1	0.8
971	2/2/2015 17:01:05	13.21	46.99	30.52	7.66	7.88	7.2	1.208	88.4	3.4	2.2	0.8
972	2/2/2015 17:16:05	13.21	46.97	30.51	7.57	7.88	6.9	1.222	87.3	3.9	2.5	0.9
973	2/2/2015 17:31:05	13.19	47.06	30.57	7.70	7.89	4.4	1.210	88.8	3.0	1.9	0.7
974	2/2/2015 17:46:05	13.15	47.06	30.58	7.58	7.87	5.5	1.244	87.4	2.7	1.7	0.6
975	2/2/2015 18:01:05	13.14	47.05	30.56	7.55	7.87	5.2	1.309	86.9	3.4	2.2	0.8
976	2/2/2015 18:16:05	13.12	47.06	30.57	7.50	7.86	4.5	1.411	86.4	3.4	2.2	0.8
977	2/2/2015 18:31:05	13.11	46.75	30.35	7.55	7.86	5.9	1.479	86.8	3.1	2.0	0.7
978	2/2/2015 18:46:05	13.10	46.79	30.38	7.52	7.86	4.8	1.534	86.5	3.5	2.2	0.8
979	2/2/2015 19:01:05	13.08	46.63	30.26	7.56	7.86	5.1	1.646	86.7	3.3	2.1	0.8
980	2/2/2015 19:16:05	13.07	46.39	30.09	7.62	7.87	5.5	1.736	87.4	3.3	2.1	0.8
981	2/2/2015 19:31:05	13.04	46.63	30.26	7.59	7.87	5.0	1.827	87.1	3.5	2.2	0.8
982	2/2/2015 19:46:05	13.01	46.82	30.39	7.55	7.86	4.3	1.917	86.7	3.4	2.2	0.8
983	2/2/2015 20:01:05	12.94	47.09	30.59	7.55	7.87	5.0	1.987	86.6	3.0	1.9	0.7
984	2/2/2015 20:16:05	12.75	47.59	30.94	7.59	7.88	4.0	2.090	86.9	2.4	1.5	0.6
985	2/2/2015 20:31:05	12.71	47.68	31.01	7.67	7.89	3.9	2.181	87.8	2.4	1.5	0.6
986	2/2/2015 20:46:05	12.70	47.75	31.05	7.79	7.90	4.0	2.270	89.1	2.3	1.5	0.5
987	2/2/2015 21:01:05	12.67	47.79	31.09	7.86	7.91	4.0	2.373	90.0	2.4	1.5	0.6
988	2/2/2015 21:16:05	12.61	47.93	31.18	7.91	7.91	4.3	2.464	90.4	2.5	1.6	0.6
989	2/2/2015 21:31:05	12.55	48.00	31.23	7.91	7.91	5.0	2.567	90.4	2.3	1.5	0.5
990	2/2/2015 21:46:05	12.50	48.14	31.33	7.89	7.92	4.8	2.642	90.1	2.4	1.5	0.6
991	2/2/2015 22:01:05	12.46	48.20	31.37	7.90	7.92	5.8	2.731	90.2	2.4	1.5	0.6
992	2/2/2015 22:16:05	12.38	48.32	31.45	7.96	7.93	5.6	2.820	90.7	1.9	1.2	0.4
993	2/2/2015 22:31:05	12.34	48.46	31.56	8.01	7.94	6.1	2.899	91.3	2.4	1.5	0.6
994	2/2/2015 22:46:05	12.22	48.75	31.76	8.08	7.95	6.4	2.983	91.9	2.5	1.6	0.6
995	2/2/2015 23:01:05	12.13	48.97	31.92	8.14	7.96	5.4	3.068	92.5	2.3	1.5	0.5
996	2/2/2015 23:16:05	12.08	49.10	32.00	8.16	7.96	6.5	3.131	92.8	2.1	1.3	0.5
997	2/2/2015 23:31:05	12.07	49.14	32.03	8.16	7.96	5.6	3.197	92.7	1.8	1.2	0.4
998	2/2/2015 23:46:05	12.06	49.16	32.05	8.17	7.96	3.9	3.245	92.8	2.5	1.6	0.6
999	2/3/2015 00:01:05	12.05	49.19	32.07	8.16	7.96	4.4	3.267	92.8	2.5	1.6	0.6
1000	2/3/2015 00:16:05	12.05	49.19	32.07	8.12	7.96	3.3	3.312	92.3	1.9	1.2	0.5
1001	2/3/2015 00:31:05	12.08	49.14	32.03	8.05	7.96	3.1	3.301	91.5	2.2	1.4	0.5
1002	2/3/2015 00:46:05	12.07	49.16	32.05	8.08	7.96	3.5	3.298	91.9	1.5	1.0	0.3
1003	2/3/2015 01:01:05	12.06	49.18	32.06	8.09	7.96	3.7	3.234	91.9	2.2	1.4	0.5
1004	2/3/2015 01:16:05	12.10	49.07	31.99	8.07	7.95	4.7	3.187	91.8	2.0	1.3	0.5
1005	2/3/2015 01:31:05	12.35	48.48	31.57	7.87	7.92	5.0	3.112	89.7	2.0	1.3	0.5
1006	2/3/2015 01:46:05	12.22	48.87	31.85	8.02	7.94	4.6	3.023	91.3	2.0	1.3	0.5
1007	2/3/2015 02:01:05	12.25	48.73	31.74	8.00	7.94	3.7	2.953	91.1	1.9	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 mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.64)	Fluorescence %FS
1008	2/3/2015 02:16:05	12.38	48.41	31.52	7.85	7.92	3.7	2.866	89.5	2.4	1.5	0.6
1009	2/3/2015 02:31:05	12.43	48.31	31.45	7.74	7.91	4.0	2.772	88.4	1.8	1.2	0.4
1010	2/3/2015 02:46:05	12.49	48.17	31.35	7.66	7.90	4.2	2.699	87.5	2.0	1.3	0.5
1011	2/3/2015 03:01:05	12.53	48.09	31.30	7.63	7.89	3.5	2.605	87.1	2.1	1.3	0.5
1012	2/3/2015 03:16:05	12.60	47.92	31.18	7.56	7.88	3.1	2.552	86.4	1.7	1.1	0.4
1013	2/3/2015 03:31:05	12.56	48.03	31.25	7.57	7.89	3.5	2.470	86.5	2.4	1.5	0.6
1014	2/3/2015 03:46:05	12.62	47.85	31.12	7.53	7.88	3.8	2.402	86.1	2.1	1.3	0.5
1015	2/3/2015 04:01:05	12.68	47.70	31.01	7.45	7.87	3.2	2.353	85.3	1.8	1.2	0.4
1016	2/3/2015 04:16:05	12.82	47.38	30.79	7.32	7.85	3.0	2.297	83.9	2.0	1.3	0.5
1017	2/3/2015 04:31:05	12.76	47.51	30.88	7.35	7.86	3.1	2.238	84.1	1.8	1.2	0.4
1018	2/3/2015 04:46:05	12.86	47.30	30.73	7.26	7.85	3.1	2.208	83.3	2.4	1.5	0.6
1019	2/3/2015 05:01:05	12.90	47.20	30.66	7.22	7.84	3.2	2.190	82.7	1.9	1.2	0.4
1020	2/3/2015 05:16:05	12.93	47.13	30.62	7.13	7.83	2.6	2.170	81.8	2.3	1.5	0.5
1021	2/3/2015 05:31:05	12.83	47.35	30.77	7.21	7.84	3.0	2.180	82.6	1.7	1.1	0.4
1022	2/3/2015 05:46:05	12.80	47.40	30.80	7.26	7.84	3.3	2.203	83.2	2.4	1.5	0.6
1023	2/3/2015 06:01:05	12.76	47.50	30.87	7.31	7.85	3.2	2.237	83.6	2.3	1.5	0.6
1024	2/3/2015 06:16:05	12.75	47.35	30.77	7.37	7.85	3.4	2.303	84.3	2.4	1.5	0.6
1025	2/3/2015 06:31:05	12.72	47.46	30.85	7.40	7.86	3.2	2.371	84.6	2.6	1.7	0.6
1026	2/3/2015 06:46:06	12.69	47.47	30.85	7.43	7.86	3.8	2.426	84.9	2.1	1.3	0.5
1027	2/3/2015 07:01:05	12.65	47.59	30.94	7.46	7.87	3.7	2.504	85.3	2.6	1.7	0.6
1028	2/3/2015 07:16:05	12.59	47.69	31.00	7.54	7.88	3.8	2.584	86.1	2.1	1.3	0.5
1029	2/3/2015 07:31:05	12.49	48.03	31.25	7.66	7.89	3.7	2.648	87.4	1.9	1.2	0.4
1030	2/3/2015 07:46:05	12.40	48.28	31.43	7.78	7.91	3.7	2.731	88.7	2.0	1.3	0.5
1031	2/3/2015 08:01:05	12.39	48.34	31.47	7.82	7.91	3.4	2.819	89.1	1.4	0.9	0.3
1032	2/3/2015 08:16:05	12.36	48.45	31.54	7.88	7.92	3.6	2.893	89.8	2.0	1.3	0.5
1033	2/3/2015 08:31:05	12.34	48.49	31.58	7.92	7.93	3.6	2.972	90.3	1.7	1.1	0.4
1034	2/3/2015 08:46:05	12.28	48.63	31.68	7.98	7.93	3.4	3.057	90.9	2.1	1.3	0.5
1035	2/3/2015 09:01:05	12.22	48.63	31.67	8.02	7.94	4.5	3.151	91.3	2.1	1.3	0.5
1036	2/3/2015 09:16:05	12.14	48.94	31.89	8.10	7.95	5.7	3.229	92.1	1.9	1.2	0.5
1037	2/3/2015 09:31:05	12.06	49.11	32.01	8.20	7.96	5.7	3.311	93.1	1.4	0.9	0.3
1038	2/3/2015 09:46:05	11.98	49.30	32.14	8.32	7.98	5.4	3.406	94.4	1.4	0.9	0.3
1039	2/3/2015 10:01:05	11.94	49.39	32.21	8.37	7.99	5.1	3.482	95.0	1.7	1.1	0.4
1040	2/3/2015 10:16:05	11.92	49.47	32.26	8.42	7.99	5.6	3.547	95.5	1.8	1.2	0.4
1041	2/3/2015 10:31:05	11.89	49.56	32.33	8.45	7.99	4.5	3.614	95.9	1.4	0.9	0.3
1042	2/3/2015 10:46:05	11.89	49.60	32.36	8.48	8.00	3.5	3.678	96.2	1.4	0.9	0.3
1043	2/3/2015 11:01:05	11.86	49.68	32.42	8.48	8.00	3.6	3.707	96.2	1.9	1.2	0.5
1044	2/3/2015 11:16:05	11.86	49.70	32.43	8.46	8.00	2.8	3.730	96.0	1.4	0.9	0.3
1045	2/3/2015 11:31:05	11.95	49.59	32.36	8.35	7.99	3.0	3.762	94.9	1.7	1.1	0.4
1046	2/3/2015 11:46:05	11.91	49.57	32.34	8.37	7.99	3.7	3.719	95.0	2.1	1.3	0.5
1047	2/3/2015 12:01:05	11.90	49.64	32.39	8.42	8.00	3.6	3.666	95.5	1.9	1.2	0.4
1048	2/3/2015 12:16:05	11.91	49.63	32.38	8.44	8.00	3.7	3.616	95.8	1.9	1.2	0.4
1049	2/3/2015 12:31:05	12.24	49.15	32.05	8.74	8.01	3.4	3.538	99.8	2.1	1.3	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 = 0.64)	Fluorescence %FS
1050	2/3/2015 12:46:05	12.34	48.99	31.94	8.44	7.98	2.9	3.437	96.4	1.3	0.8	0.3
1051	2/3/2015 13:01:05	12.39	48.87	31.85	8.38	7.97	3.1	3.318	95.8	2.0	1.3	0.5
1052	2/3/2015 13:16:05	12.52	48.55	31.63	8.21	7.95	2.9	3.215	94.0	2.6	1.7	0.6
1053	2/3/2015 13:31:05	12.60	48.41	31.53	7.99	7.93	2.9	3.102	91.5	2.4	1.5	0.6
1054	2/3/2015 13:46:05	12.65	48.28	31.43	7.91	7.92	3.4	2.997	90.6	2.1	1.3	0.5
1055	2/3/2015 14:01:05	12.66	48.31	31.46	7.96	7.92	3.5	2.866	91.3	2.7	1.7	0.6
1056	2/3/2015 14:16:05	12.64	48.45	31.56	8.11	7.94	3.4	2.747	92.9	2.0	1.3	0.5
1057	2/3/2015 14:31:05	12.68	48.31	31.46	8.01	7.93	3.6	2.654	91.8	2.0	1.3	0.5
1058	2/3/2015 14:46:05	12.83	47.93	31.19	7.78	7.90	4.5	2.528	89.3	2.3	1.5	0.6
1059	2/3/2015 15:01:05	12.81	48.06	31.28	7.86	7.91	4.2	2.394	90.3	2.4	1.5	0.6
1060	2/3/2015 15:16:05	12.94	47.87	31.15	7.86	7.91	4.2	2.261	90.5	2.5	1.6	0.6
1061	2/3/2015 15:31:05	13.09	47.44	30.85	7.66	7.88	5.0	2.132	88.3	2.3	1.5	0.5
1062	2/3/2015 15:46:05	13.12	47.43	30.84	7.59	7.89	4.7	2.012	87.5	2.3	1.5	0.5
1063	2/3/2015 16:01:05	13.15	47.37	30.79	7.87	7.89	4.3	1.866	90.8	3.2	2.0	0.8
1064	2/3/2015 16:16:05	13.17	47.32	30.76	7.88	7.90	8.9	1.743	90.9	3.2	2.0	0.8
1065	2/3/2015 16:31:05	13.26	47.03	30.56	7.51	7.87	4.9	1.626	86.7	3.0	1.9	0.7
1066	2/3/2015 16:46:05	13.33	46.79	30.38	7.30	7.84	4.3	1.505	84.3	3.6	2.3	0.8
1067	2/3/2015 17:01:05	13.41	46.51	30.19	7.23	7.83	5.6	1.406	83.5	2.9	1.9	0.7
1068	2/3/2015 17:16:05	13.47	46.35	30.07	7.16	7.82	5.0	1.310	82.7	3.5	2.2	0.8
1069	2/3/2015 17:31:05	13.51	46.26	30.01	7.13	7.82	5.0	1.278	82.4	3.4	2.2	0.8
1070	2/3/2015 17:46:05	13.54	46.19	29.96	7.08	7.82	6.2	1.225	81.9	4.3	2.8	1.0
1071	2/3/2015 18:01:05	13.51	46.27	30.01	7.08	7.82	5.0	1.229	81.9	4.7	3.0	1.1
1072	2/3/2015 18:16:05	13.46	46.34	30.06	7.08	7.81	4.8	1.269	81.9	3.8	2.4	0.9
1073	2/3/2015 18:31:05	13.44	46.39	30.10	7.05	7.81	3.5	1.306	81.5	3.8	2.4	0.9
1074	2/3/2015 18:46:04	13.43	46.41	30.11	7.04	7.81	3.4	1.404	81.3	3.7	2.4	0.9
1075	2/3/2015 19:01:04	13.40	45.34	29.35	7.12	7.80	5.0	1.485	81.8	3.9	2.5	0.9
1076	2/3/2015 19:16:04	13.37	45.13	29.19	7.12	7.80	5.8	1.566	81.7	3.6	2.3	0.8
1077	2/3/2015 19:31:04	13.35	45.09	29.16	7.10	7.80	5.6	1.650	81.4	4.0	2.6	1.0
1078	2/3/2015 19:46:05	13.32	45.54	29.49	7.08	7.80	5.1	1.761	81.3	3.1	2.0	0.7
1079	2/3/2015 20:01:05	13.31	45.64	29.56	7.06	7.80	4.9	1.827	81.1	3.8	2.4	0.9
1080	2/3/2015 20:16:05	13.19	46.42	30.11	7.16	7.82	4.2	1.924	82.3	3.4	2.2	0.8
1081	2/3/2015 20:31:05	13.07	46.66	30.28	7.27	7.84	4.4	2.020	83.5	3.0	1.9	0.7
1082	2/3/2015 20:46:05	12.98	47.09	30.59	7.37	7.85	4.5	2.120	84.5	2.5	1.6	0.6
1083	2/3/2015 21:01:05	12.93	47.31	30.75	7.50	7.87	4.4	2.206	86.1	2.6	1.7	0.6
1084	2/3/2015 21:16:05	12.95	47.30	30.74	7.67	7.88	4.5	2.300	88.0	2.3	1.5	0.5
1085	2/3/2015 21:31:05	12.95	47.32	30.76	7.77	7.89	4.8	2.402	89.2	2.3	1.5	0.5
1086	2/3/2015 21:46:05	12.89	47.34	30.77	7.78	7.89	4.7	2.489	89.2	2.6	1.7	0.6
1087	2/3/2015 22:01:05	12.83	47.51	30.88	7.80	7.90	4.5	2.577	89.5	2.3	1.5	0.5
1088	2/3/2015 22:16:05	12.77	47.68	31.00	7.84	7.90	5.0	2.669	89.8	2.8	1.8	0.7
1089	2/3/2015 22:31:05	12.64	47.80	31.09	7.95	7.91	7.5	2.761	90.9	2.0	1.3	0.5
1090	2/3/2015 22:46:05	12.60	48.04	31.26	8.03	7.92	6.8	2.844	91.8	2.7	1.7	0.6
1091	2/3/2015 23:01:05	12.54	48.22	31.39	8.09	7.93	6.3	2.930	92.5	2.4	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 = 0.64)	Fluorescence %FS
1092	2/3/2015 23:16:05	12.45	48.53	31.61	8.21	7.95	6.1	3.012	93.8	2.6	1.7	0.6
1093	2/3/2015 23:31:05	12.37	48.78	31.79	8.33	7.97	5.9	3.091	95.1	2.3	1.5	0.5
1094	2/3/2015 23:46:05	12.32	48.93	31.90	8.40	7.98	5.7	3.175	95.9	2.8	1.8	0.7
1095	2/4/2015 00:01:05	12.30	48.99	31.94	8.43	7.98	5.1	3.238	96.2	2.6	1.7	0.6
1096	2/4/2015 00:16:05	12.29	49.03	31.96	8.42	7.98	4.7	3.287	96.2	3.3	2.1	0.8
1097	2/4/2015 00:31:05	12.29	49.04	31.97	8.41	7.98	3.4	3.332	96.0	2.8	1.8	0.7
1098	2/4/2015 00:46:05	12.28	49.08	32.00	8.39	7.99	2.9	3.363	95.8	2.3	1.5	0.5
1099	2/4/2015 01:01:05	12.33	48.92	31.89	8.27	7.97	3.7	3.339	94.4	2.0	1.3	0.5
1100	2/4/2015 01:16:05	12.30	49.03	31.97	8.38	7.98	3.7	3.323	95.7	2.3	1.5	0.5
1101	2/4/2015 01:31:05	12.30	49.02	31.96	8.35	7.98	4.0	3.288	95.3	2.3	1.5	0.5
1102	2/4/2015 01:46:05	12.51	48.43	31.54	8.01	7.93	5.3	3.208	91.6	2.5	1.6	0.6
1103	2/4/2015 02:01:05	12.59	48.23	31.40	7.93	7.92	4.0	3.117	90.8	1.9	1.2	0.4
1104	2/4/2015 02:16:05	12.47	48.52	31.60	8.04	7.94	3.4	3.055	91.9	2.1	1.3	0.5
1105	2/4/2015 02:31:05	12.52	48.37	31.50	7.95	7.93	3.7	2.951	90.9	2.2	1.4	0.5
1106	2/4/2015 02:46:05	12.59	48.21	31.39	7.63	7.90	4.3	2.858	87.3	2.0	1.3	0.5
1107	2/4/2015 03:01:05	12.65	48.04	31.27	7.50	7.88	3.9	2.782	85.8	2.4	1.5	0.6
1108	2/4/2015 03:16:05	12.67	47.99	31.23	7.27	7.87	4.1	2.708	83.2	2.5	1.6	0.6
1109	2/4/2015 03:31:05	12.74	47.78	31.07	7.05	7.84	3.9	2.618	80.8	2.4	1.5	0.6
1110	2/4/2015 03:46:05	12.81	47.53	30.90	6.93	7.82	4.4	2.533	79.5	1.9	1.2	0.4
1111	2/4/2015 04:01:05	12.85	47.29	30.73	6.87	7.81	4.7	2.483	78.7	2.4	1.5	0.6
1112	2/4/2015 04:16:05	12.91	47.02	30.53	6.77	7.80	5.0	2.410	77.5	2.3	1.5	0.5
1113	2/4/2015 04:31:05	12.94	46.89	30.44	6.76	7.80	4.4	2.345	77.4	2.6	1.7	0.6
1114	2/4/2015 04:46:05	12.92	46.95	30.49	6.75	7.80	4.3	2.280	77.3	2.4	1.5	0.6
1115	2/4/2015 05:01:05	12.93	46.90	30.45	6.68	7.79	4.5	2.239	76.5	2.2	1.4	0.5
1116	2/4/2015 05:16:05	12.99	46.62	30.25	6.59	7.78	4.3	2.199	75.5	3.4	2.2	0.8
1117	2/4/2015 05:31:05	13.03	46.51	30.17	6.59	7.77	4.3	2.165	75.5	2.8	1.8	0.7
1118	2/4/2015 05:46:05	13.04	46.50	30.16	6.45	7.76	3.6	2.149	73.9	3.0	1.9	0.7
1119	2/4/2015 06:01:05	12.99	46.71	30.32	6.57	7.78	3.7	2.155	75.3	2.6	1.7	0.6
1120	2/4/2015 06:16:05	12.97	46.81	30.39	6.67	7.79	4.2	2.158	76.4	2.4	1.5	0.6
1121	2/4/2015 06:31:05	12.96	46.79	30.37	6.63	7.78	4.2	2.186	76.0	2.7	1.7	0.6
1122	2/4/2015 06:46:05	12.95	46.79	30.37	6.56	7.78	4.4	2.234	75.1	2.4	1.5	0.6
1123	2/4/2015 07:01:05	12.95	46.80	30.38	6.62	7.78	4.2	2.287	75.8	2.4	1.5	0.6
1124	2/4/2015 07:16:05	12.94	46.82	30.39	6.62	7.79	4.6	2.361	75.8	2.3	1.5	0.6
1125	2/4/2015 07:31:05	12.92	46.83	30.40	6.66	7.79	4.4	2.420	76.3	2.6	1.7	0.6
1126	2/4/2015 07:46:05	12.88	46.99	30.51	6.78	7.81	4.8	2.492	77.6	2.1	1.3	0.5
1127	2/4/2015 08:01:05	12.79	47.33	30.76	6.93	7.83	4.3	2.581	79.3	1.7	1.1	0.4
1128	2/4/2015 08:16:05	12.70	47.71	31.03	7.21	7.86	4.3	2.654	82.5	2.0	1.3	0.5
1129	2/4/2015 08:31:05	12.67	47.85	31.13	7.42	7.88	4.4	2.732	84.9	1.5	1.0	0.4
1130	2/4/2015 08:46:05	12.64	48.06	31.27	7.60	7.90	4.0	2.816	87.0	1.7	1.1	0.4
1131	2/4/2015 09:01:05	12.63	48.14	31.33	7.67	7.90	3.9	2.892	87.8	2.0	1.3	0.5
1132	2/4/2015 09:16:05	12.59	48.28	31.43	7.79	7.91	4.0	2.972	89.1	2.2	1.4	0.5
1133	2/4/2015 09:31:05	12.55	48.31	31.45	7.85	7.92	4.3	3.065	89.8	1.8	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 mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Corrected Chlorophyll (Corrected ratio = 0.64)	Fluorescence %FS
1134	2/4/2015 09:46:05	12.47	48.36	31.49	7.98	7.95	5.2	3.146	91.2	2.0	1.3	0.5
1135	2/4/2015 10:01:05	12.39	48.78	31.79	8.32	7.98	5.7	3.233	95.0	2.6	1.7	0.6
1136	2/4/2015 10:16:06	12.37	48.90	31.88	8.40	7.99	5.5	3.331	95.9	2.6	1.7	0.6
1137	2/4/2015 10:31:05	12.34	49.10	32.02	8.52	8.01	4.7	3.402	97.3	1.6	1.0	0.4
1138	2/4/2015 10:46:06	12.31	49.20	32.09	8.58	8.02	4.1	3.485	98.1	1.9	1.2	0.5
1139	2/4/2015 11:01:05	12.30	49.28	32.14	8.63	8.03	3.6	3.544	98.7	2.4	1.5	0.6
1140	2/4/2015 11:16:05	12.30	49.32	32.18	8.61	8.03	3.3	3.603	98.4	2.7	1.7	0.6
1141	2/4/2015 11:31:05	12.29	49.40	32.24	8.62	8.03	2.9	3.651	98.5	2.8	1.8	0.7
1142	2/4/2015 11:46:05	12.29	49.44	32.26	8.63	8.04	2.3	3.683	98.7	2.9	1.9	0.7
1143	2/4/2015 12:01:05	12.30	49.45	32.27	8.45	8.03	1.9	3.692	96.6	2.6	1.7	0.6
1144	2/4/2015 12:16:06	12.33	49.32	32.18	8.37	8.02	2.8	3.686	95.8	2.3	1.5	0.5
1145	2/4/2015 12:31:05	12.31	49.40	32.24	8.52	8.03	3.4	3.658	97.4	2.1	1.3	0.5
1146	2/4/2015 12:46:05	12.31	49.42	32.25	8.56	8.03	3.2	3.592	97.9	2.2	1.4	0.5
1147	2/4/2015 13:01:05	12.59	48.91	31.89	8.73	8.02	3.8	3.532	100.2	1.9	1.2	0.5
1148	2/4/2015 13:16:05	12.70	48.78	31.80	8.67	8.01	3.8	3.437	99.7	2.6	1.7	0.6
1149	2/4/2015 13:31:05	12.75	48.58	31.66	8.28	7.97	4.1	3.308	95.2	2.4	1.5	0.6
1150	2/4/2015 13:46:05	12.85	48.22	31.40	7.72	7.92	5.5	3.217	88.8	3.0	1.9	0.7
1151	2/4/2015 14:01:05	12.99	47.95	31.21	7.70	7.91	5.6	3.115	88.7	3.1	2.0	0.7
1152	2/4/2015 14:16:05	13.06	47.75	31.07	7.65	7.90	4.0	2.998	88.3	2.5	1.6	0.6
1153	2/4/2015 14:31:05	13.08	47.63	30.98	7.61	7.89	3.9	2.872	87.8	2.4	1.5	0.6
1154	2/4/2015 14:46:05	13.02	47.91	31.19	7.70	7.91	4.5	2.767	88.8	2.7	1.7	0.6
1155	2/4/2015 15:01:05	12.92	48.17	31.37	7.71	7.92	6.4	2.663	88.8	3.2	2.0	0.8
1156	2/4/2015 15:16:05	13.08	47.66	31.00	7.50	7.89	5.6	2.532	86.5	2.9	1.9	0.7
1157	2/4/2015 15:31:05	13.12	47.56	30.93	7.62	7.89	7.3	2.395	87.9	3.2	2.0	0.8
1158	2/4/2015 15:46:05	13.24	47.21	30.68	7.54	7.88	5.9	2.305	87.1	2.9	1.9	0.7
1159	2/4/2015 16:01:05	13.24	47.36	30.79	7.60	7.89	4.9	2.203	87.8	3.3	2.1	0.8
1160	2/4/2015 16:16:05	13.28	47.27	30.73	7.68	7.90	5.2	2.055	88.7	3.0	1.9	0.7
1161	2/4/2015 16:31:05	13.42	46.65	30.29	7.32	7.83	6.3	1.941	84.7	3.4	2.2	0.8
1162	2/4/2015 16:46:05	13.48	46.54	30.21	7.43	7.85	5.7	1.829	86.0	3.4	2.2	0.8
1163	2/4/2015 17:01:05	13.53	46.40	30.11	7.60	7.87	6.5	1.700	88.0	3.6	2.3	0.9
1164	2/4/2015 17:16:05	13.56	46.27	30.02	7.60	7.87	7.0	1.602	88.0	3.6	2.3	0.9
1165	2/4/2015 17:31:05	13.64	45.98	29.81	7.42	7.84	5.9	1.510	86.0	3.9	2.5	0.9
1166	2/4/2015 17:46:04	13.64	45.91	29.76	7.39	7.83	5.6	1.413	85.5	4.0	2.6	0.9
1167	2/4/2015 18:01:04	13.68	45.73	29.63	7.35	7.82	5.2	1.363	85.1	4.5	2.9	1.1
1168	2/4/2015 18:16:04	13.69	45.67	29.59	7.31	7.82	4.7	1.326	84.7	5.0	3.2	1.2
1169	2/4/2015 18:31:05	13.66	45.73	29.63	7.24	7.81	5.1	1.318	83.8	5.1	3.3	1.2
1170	2/4/2015 18:46:04	13.66	45.73	29.63	7.30	7.81	4.7	1.361	84.5	4.3	2.8	1.0
1171	2/4/2015 19:01:04	13.64	45.84	29.71	7.21	7.81	5.0	1.392	83.5	3.8	2.4	0.9
1172	2/4/2015 19:16:04	13.61	45.91	29.76	7.19	7.81	4.6	1.462	83.2	4.3	2.8	1.0
1173	2/4/2015 19:31:04	13.59	45.70	29.60	7.13	7.80	5.6	1.560	82.4	3.9	2.5	0.9
1174	2/4/2015 19:46:04	13.57	45.43	29.41	7.09	7.79	5.7	1.635	81.8	4.4	2.8	1.0
1175	2/4/2015 20:01:05	13.55	45.62	29.55	7.00	7.79	5.4	1.732	80.8	4.2	2.7	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 = 0.64)	Fluorescence %FS
1176	2/4/2015 20:16:05	13.53	45.78	29.67	6.98	7.79	5.4	1.820	80.6	4.6	2.9	1.1
1177	2/4/2015 20:31:05	13.48	46.02	29.83	7.00	7.80	5.1	1.905	80.8	4.6	2.9	1.1
1178	2/4/2015 20:46:05	13.33	46.47	30.16	7.15	7.82	4.6	2.004	82.5	3.7	2.4	0.9
1179	2/4/2015 21:01:05	13.22	46.76	30.36	7.32	7.84	4.6	2.088	84.3	3.0	1.9	0.7
1180	2/4/2015 21:16:05	13.14	47.09	30.60	7.47	7.86	4.5	2.177	86.0	2.7	1.7	0.6
1181	2/4/2015 21:31:05	13.11	47.24	30.70	7.56	7.87	4.8	2.279	87.0	2.8	1.8	0.7
1182	2/4/2015 21:46:05	13.10	47.31	30.75	7.55	7.87	5.2	2.353	86.9	2.8	1.8	0.7
1183	2/4/2015 22:01:05	13.05	47.47	30.86	7.61	7.88	5.0	2.455	87.6	3.3	2.1	0.8
1184	2/4/2015 22:16:05	13.00	47.54	30.91	7.67	7.89	5.3	2.540	88.2	2.4	1.5	0.6
1185	2/4/2015 22:31:05	12.95	47.67	31.00	7.72	7.90	6.1	2.648	88.8	2.6	1.7	0.6
1186	2/4/2015 22:46:05	12.90	47.77	31.08	7.80	7.91	6.5	2.735	89.6	2.9	1.9	0.7
1187	2/4/2015 23:01:04	12.85	47.88	31.16	7.87	7.92	6.4	2.829	90.5	2.4	1.5	0.6
1188	2/4/2015 23:16:05	12.79	48.09	31.31	8.01	7.94	6.5	2.922	92.0	3.1	2.0	0.7
1189	2/4/2015 23:31:05	12.72	48.32	31.46	8.13	7.95	5.4	3.011	93.3	2.8	1.8	0.7
1190	2/4/2015 23:46:05	12.66	48.47	31.57	8.23	7.97	5.8	3.122	94.4	3.4	2.2	0.8
1191	2/5/2015 00:01:05	12.59	48.60	31.67	8.35	7.99	5.4	3.188	95.7	2.4	1.5	0.6
1192	2/5/2015 00:16:05	12.58	48.72	31.75	8.38	7.99	5.0	3.264	96.1	3.0	1.9	0.7
1193	2/5/2015 00:31:05	12.55	48.85	31.84	8.46	8.01	4.5	3.341	97.0	3.1	2.0	0.7
1194	2/5/2015 00:46:05	12.56	48.78	31.80	8.44	8.00	3.6	3.380	96.7	3.2	2.0	0.8
1195	2/5/2015 01:01:05	12.53	49.01	31.96	8.51	8.03	2.8	3.416	97.6	3.1	2.0	0.7
1196	2/5/2015 01:16:05	12.53	49.02	31.97	8.48	8.03	2.4	3.428	97.3	3.2	2.0	0.8
1197	2/5/2015 01:31:05	12.55	48.83	31.83	8.38	8.01	3.1	3.421	96.1	2.7	1.7	0.6
1198	2/5/2015 01:46:05	12.54	48.96	31.93	8.44	8.02	3.2	3.401	96.8	3.0	1.9	0.7
1199	2/5/2015 02:01:05	12.55	48.81	31.82	8.34	8.01	3.3	3.340	95.7	3.1	2.0	0.7
1200	2/5/2015 02:16:05	12.63	48.37	31.50	8.10	7.96	4.3	3.267	92.9	2.7	1.7	0.6
1201	2/5/2015 02:31:05	12.75	47.80	31.09	7.84	7.90	5.0	3.200	89.8	2.9	1.9	0.7
1202	2/5/2015 02:46:05	12.69	48.19	31.37	8.11	7.94	4.8	3.112	93.0	2.3	1.5	0.5
1203	2/5/2015 03:01:05	12.67	48.29	31.45	8.09	7.94	5.5	3.004	92.8	1.9	1.2	0.5
1204	2/5/2015 03:16:05	12.66	48.32	31.46	8.08	7.95	5.4	2.929	92.7	2.3	1.5	0.5
1205	2/5/2015 03:31:05	12.67	48.34	31.48	8.12	7.95	5.6	2.845	93.1	2.0	1.3	0.5
1206	2/5/2015 03:46:05	12.66	48.42	31.54	8.11	7.95	5.3	2.750	93.0	2.4	1.5	0.6
1207	2/5/2015 04:01:05	12.70	48.24	31.41	8.03	7.93	5.3	2.690	92.1	2.8	1.8	0.7
1208	2/5/2015 04:16:05	12.74	48.06	31.28	7.92	7.92	5.4	2.609	90.9	2.6	1.7	0.6
1209	2/5/2015 04:31:06	12.75	48.03	31.26	7.93	7.92	5.4	2.545	90.9	2.8	1.8	0.7
1210	2/5/2015 04:46:05	12.79	47.84	31.13	7.86	7.90	5.6	2.480	90.1	2.5	1.6	0.6
1211	2/5/2015 05:01:05	12.79	47.81	31.10	7.85	7.90	6.3	2.401	90.0	2.9	1.9	0.7
1212	2/5/2015 05:16:05	12.80	47.77	31.07	7.87	7.90	5.5	2.370	90.3	2.6	1.7	0.6
1213	2/5/2015 05:31:05	12.86	47.59	30.94	7.81	7.89	4.7	2.293	89.6	3.0	1.9	0.7
1214	2/5/2015 05:46:05	12.81	47.66	31.00	7.86	7.89	5.4	2.230	90.2	2.7	1.7	0.6
1215	2/5/2015 06:01:05	12.86	47.49	30.87	7.86	7.88	5.3	2.199	90.2	2.3	1.5	0.6
1216	2/5/2015 06:16:05	12.89	47.35	30.77	7.78	7.87	5.0	2.181	89.2	2.9	1.9	0.7
1217	2/5/2015 06:31:05	12.90	47.31	30.75	7.63	7.86	3.8	2.168	87.5	2.4	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 = 0.64)	Fluorescence %FS
1218	2/5/2015 06:46:05	12.89	47.34	30.77	7.75	7.87	4.0	2.176	88.9	1.9	1.2	0.5
1219	2/5/2015 07:01:05	12.88	47.39	30.80	7.81	7.88	5.2	2.207	89.6	2.9	1.9	0.7
1220	2/5/2015 07:16:05	12.86	47.45	30.85	7.80	7.88	5.0	2.227	89.5	2.1	1.3	0.5
1221	2/5/2015 07:31:05	12.83	47.55	30.92	7.82	7.88	6.5	2.279	89.7	2.2	1.4	0.5
1222	2/5/2015 07:46:05	12.81	47.27	30.71	7.84	7.89	5.4	2.332	89.7	2.0	1.3	0.5
1223	2/5/2015 08:01:05	12.80	47.55	30.91	7.85	7.89	5.0	2.397	90.0	2.0	1.3	0.5
1224	2/5/2015 08:16:05	12.80	47.61	30.95	7.85	7.90	4.2	2.462	90.0	1.8	1.2	0.4
1225	2/5/2015 08:31:05	12.77	47.74	31.05	7.87	7.90	4.5	2.546	90.2	2.2	1.4	0.5
1226	2/5/2015 08:46:05	12.75	47.85	31.13	7.93	7.92	4.3	2.615	90.9	1.8	1.2	0.4
1227	2/5/2015 09:01:05	12.80	47.84	31.13	7.95	7.91	4.5	2.692	91.2	1.9	1.2	0.5
1228	2/5/2015 09:16:05	12.83	47.80	31.10	7.93	7.91	4.6	2.765	91.1	2.3	1.5	0.5
1229	2/5/2015 09:31:05	12.85	47.81	31.10	7.92	7.91	5.7	2.852	90.9	2.2	1.4	0.5
1230	2/5/2015 09:46:05	12.81	47.95	31.21	7.94	7.92	4.9	2.957	91.2	1.6	1.0	0.4
1231	2/5/2015 10:01:05	12.76	48.11	31.32	7.98	7.94	4.7	3.023	91.6	2.3	1.5	0.5
1232	2/5/2015 10:16:05	12.72	48.25	31.42	8.07	7.95	4.8	3.127	92.6	2.0	1.3	0.5
1233	2/5/2015 10:31:05	12.66	48.46	31.57	8.22	7.98	5.1	3.208	94.4	2.7	1.7	0.6
1234	2/5/2015 10:46:06	12.63	48.59	31.66	8.34	8.00	5.1	3.300	95.6	2.3	1.5	0.6
1235	2/5/2015 11:01:05	12.60	48.74	31.77	8.48	8.03	4.0	3.384	97.3	2.1	1.3	0.5
1236	2/5/2015 11:16:05	12.59	48.82	31.83	8.59	8.04	3.4	3.456	98.6	2.4	1.5	0.6
1237	2/5/2015 11:31:05	12.58	48.91	31.89	8.66	8.06	3.5	3.534	99.4	2.5	1.6	0.6
1238	2/5/2015 11:46:05	12.58	48.98	31.94	8.73	8.07	2.6	3.596	100.2	3.3	2.1	0.8
1239	2/5/2015 12:01:05	12.59	49.01	31.96	8.71	8.08	2.6	3.626	100.1	3.2	2.0	0.8
1240	2/5/2015 12:16:05	12.61	48.92	31.90	8.66	8.07	2.4	3.667	99.5	2.8	1.8	0.7
1241	2/5/2015 12:31:06	12.61	48.96	31.93	8.59	8.07	2.3	3.692	98.6	2.7	1.7	0.6
1242	2/5/2015 12:46:06	12.63	48.86	31.86	8.53	8.06	2.5	3.673	98.0	2.2	1.4	0.5
1243	2/5/2015 13:01:05	12.60	48.96	31.92	8.56	8.06	1.9	3.669	98.3	2.1	1.3	0.5
1244	2/5/2015 13:16:05	12.75	48.33	31.48	8.56	8.02	5.9	3.602	98.3	2.8	1.8	0.7
1245	2/5/2015 13:31:05	12.74	48.48	31.59	8.60	8.02	2.9	3.548	98.8	2.4	1.5	0.6
1246	2/5/2015 13:46:05	12.74	48.52	31.61	8.67	8.04	2.7	3.471	99.6	3.7	2.4	0.9
1247	2/5/2015 14:01:05	12.76	48.48	31.58	8.62	8.03	3.4	3.374	99.1	3.3	2.1	0.8
1248	2/5/2015 14:16:05	12.88	48.02	31.26	8.25	7.96	4.2	3.275	94.9	2.8	1.8	0.7
1249	2/5/2015 14:31:05	12.88	47.95	31.21	8.36	7.96	3.4	3.169	96.1	2.4	1.5	0.6
1250	2/5/2015 14:46:05	12.89	47.92	31.19	8.31	7.96	3.7	3.073	95.6	2.6	1.7	0.6
1251	2/5/2015 15:01:05	12.90	47.93	31.20	8.32	7.96	3.7	2.939	95.7	2.5	1.6	0.6
1252	2/5/2015 15:16:05	12.93	47.81	31.10	8.23	7.95	4.4	2.837	94.7	2.8	1.8	0.7
1253	2/5/2015 15:31:05	12.94	47.76	31.07	8.22	7.94	6.5	2.708	94.5	3.0	1.9	0.7
1254	2/5/2015 15:46:05	12.97	47.56	30.93	8.22	7.93	5.3	2.613	94.6	3.4	2.2	0.8
1255	2/5/2015 16:01:05	12.92	47.76	31.07	8.30	7.96	5.4	2.496	95.5	3.3	2.1	0.8
1256	2/5/2015 16:16:05	12.95	47.61	30.96	8.26	7.94	7.4	2.392	95.0	3.0	1.9	0.7
1257	2/5/2015 16:31:05	12.99	47.28	30.72	8.27	7.93	8.8	2.263	95.0	3.6	2.3	0.9
1258	2/5/2015 16:46:05	13.01	47.40	30.82	8.26	7.93	10.9	2.138	95.0	3.5	2.2	0.8
1259	2/5/2015 17:01:05	13.07	47.11	30.61	8.25	7.92	13.6	2.045	94.9	3.5	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 = 0.64)	Fluorescence %FS
1260	2/5/2015 17:16:05	13.10	46.81	30.39	8.23	7.91	15.7	1.927	94.6	3.7	2.4	0.9
1261	2/5/2015 17:31:05	13.15	46.48	30.16	8.18	7.89	15.5	1.823	94.0	3.8	2.4	0.9
1262	2/5/2015 17:46:05	13.18	46.23	29.97	8.16	7.88	15.5	1.758	93.7	3.9	2.5	0.9
1263	2/5/2015 18:01:05	13.19	46.12	29.89	8.15	7.87	16.2	1.659	93.5	3.9	2.5	0.9
1264	2/5/2015 18:16:05	13.21	45.96	29.78	8.12	7.86	15.2	1.572	93.2	4.3	2.8	1.0
1265	2/5/2015 18:31:05	13.23	45.79	29.66	8.11	7.86	15.1	1.528	93.0	4.2	2.7	1.0
1266	2/5/2015 18:46:05	13.23	45.74	29.63	8.06	7.85	12.0	1.491	92.4	4.4	2.8	1.0
1267	2/5/2015 19:01:05	13.23	45.75	29.64	7.93	7.84	11.7	1.499	91.0	4.8	3.1	1.1
1268	2/5/2015 19:16:05	13.23	45.76	29.64	8.09	7.85	12.5	1.489	92.8	4.2	2.7	1.0
1269	2/5/2015 19:31:05	13.22	45.78	29.66	8.10	7.85	12.0	1.527	92.9	4.3	2.8	1.0
1270	2/5/2015 19:46:05	13.21	45.80	29.67	8.10	7.86	11.4	1.581	92.9	3.5	2.2	0.8
1271	2/5/2015 20:01:05	13.19	44.79	28.94	8.15	7.86	16.8	1.651	93.0	3.5	2.2	0.8
1272	2/5/2015 20:16:05	13.19	44.92	29.03	8.12	7.85	9.8	1.757	92.8	3.7	2.4	0.9
1273	2/5/2015 20:31:05	13.18	45.12	29.18	8.12	7.86	11.4	1.844	92.8	4.0	2.6	0.9
1274	2/5/2015 20:46:05	13.17	45.13	29.19	8.13	7.86	8.6	1.914	92.8	3.4	2.2	0.8
1275	2/5/2015 21:01:05	13.15	45.39	29.37	8.16	7.87	7.6	2.015	93.3	3.5	2.2	0.8
1276	2/5/2015 21:16:05	13.09	46.27	30.00	8.12	7.89	7.3	2.098	93.1	3.0	1.9	0.7
1277	2/5/2015 21:31:05	13.06	46.60	30.24	8.11	7.89	8.7	2.185	93.0	3.5	2.2	0.8
1278	2/5/2015 21:46:05	13.06	46.73	30.33	8.11	7.89	9.8	2.255	93.1	3.0	1.9	0.7
1279	2/5/2015 22:01:05	13.06	46.78	30.37	8.11	7.89	9.6	2.350	93.1	3.1	2.0	0.7
1280	2/5/2015 22:16:05	13.04	46.90	30.46	8.12	7.89	9.5	2.441	93.3	2.6	1.7	0.6
1281	2/5/2015 22:31:05	13.01	47.06	30.57	8.12	7.90	9.1	2.524	93.3	3.0	1.9	0.7
1282	2/5/2015 22:46:05	12.99	47.09	30.59	8.15	7.91	10.7	2.603	93.5	3.0	1.9	0.7
1283	2/5/2015 23:01:05	12.95	47.26	30.71	8.17	7.93	9.6	2.710	93.7	3.2	2.0	0.8
1284	2/5/2015 23:16:05	12.91	47.45	30.85	8.23	7.94	9.1	2.804	94.4	3.0	1.9	0.7
1285	2/5/2015 23:31:05	12.87	47.65	30.99	8.29	7.96	9.4	2.887	95.2	2.9	1.9	0.7
1286	2/5/2015 23:46:05	12.83	47.89	31.16	8.36	7.98	9.0	2.996	96.0	3.4	2.2	0.8
1287	2/6/2015 00:01:05	12.78	48.16	31.35	8.44	8.02	8.7	3.088	97.0	3.5	2.2	0.8
1288	2/6/2015 00:16:05	12.78	48.29	31.45	8.46	8.02	10.0	3.180	97.2	3.2	2.0	0.8
1289	2/6/2015 00:31:05	12.78	48.45	31.56	8.46	8.03	8.5	3.266	97.3	3.0	1.9	0.7
1290	2/6/2015 00:46:05	12.77	48.59	31.66	8.49	8.04	8.4	3.348	97.7	2.8	1.8	0.7
1291	2/6/2015 01:01:05	12.77	48.68	31.73	8.49	8.05	7.5	3.408	97.7	3.2	2.0	0.8
1292	2/6/2015 01:16:05	12.76	48.80	31.82	8.53	8.06	5.9	3.484	98.3	2.6	1.7	0.6
1293	2/6/2015 01:31:05	12.76	48.89	31.88	8.55	8.06	4.4	3.509	98.5	2.8	1.8	0.7
1294	2/6/2015 01:46:05	12.77	48.82	31.84	8.35	8.06	3.6	3.503	96.2	2.7	1.7	0.6
1295	2/6/2015 02:01:05	12.77	48.80	31.82	8.39	8.05	4.2	3.528	96.6	2.9	1.9	0.7
1296	2/6/2015 02:16:05	12.79	48.50	31.60	8.43	8.04	5.1	3.487	97.1	2.4	1.5	0.6
1297	2/6/2015 02:31:05	12.84	48.07	31.29	8.45	8.01	9.2	3.449	97.1	2.8	1.8	0.7
1298	2/6/2015 02:46:05	12.83	48.18	31.37	8.46	8.02	8.5	3.376	97.3	3.3	2.1	0.8
1299	2/6/2015 03:01:05	12.84	47.94	31.20	8.43	8.01	9.1	3.305	96.9	3.2	2.0	0.8
1300	2/6/2015 03:16:05	12.84	47.82	31.11	8.37	8.01	9.5	3.230	96.1	2.9	1.9	0.7
1301	2/6/2015 03:31:05	12.88	47.39	30.80	8.31	7.98	11.3	3.135	95.4	3.2	2.0	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 = 0.64)	Fluorescence %FS
1302	2/6/2015 03:46:05	12.91	47.28	30.72	8.29	7.97	11.0	3.058	95.1	3.7	2.4	0.9
1303	2/6/2015 04:01:05	12.93	47.26	30.71	8.27	7.96	9.9	2.961	95.0	2.5	1.6	0.6
1304	2/6/2015 04:16:05	12.97	47.14	30.62	8.23	7.94	9.5	2.889	94.5	2.9	1.9	0.7
1305	2/6/2015 04:31:05	12.99	46.97	30.50	8.20	7.93	9.8	2.819	94.2	3.1	2.0	0.7
1306	2/6/2015 04:46:05	13.01	46.71	30.32	8.20	7.92	10.7	2.740	94.1	2.8	1.8	0.7
1307	2/6/2015 05:01:05	13.02	46.46	30.14	8.20	7.92	10.9	2.654	94.0	2.6	1.7	0.6
1308	2/6/2015 05:16:05	13.03	46.07	29.86	8.26	7.92	10.3	2.588	94.5	3.0	1.9	0.7
1309	2/6/2015 05:31:05	13.05	45.62	29.53	8.28	7.92	10.6	2.526	94.6	3.1	2.0	0.7
1310	2/6/2015 05:46:05	13.07	45.20	29.23	8.29	7.91	11.1	2.464	94.6	2.8	1.8	0.7
1311	2/6/2015 06:01:05	13.08	45.15	29.19	8.28	7.91	10.8	2.407	94.4	3.4	2.2	0.8
1312	2/6/2015 06:16:05	13.09	44.96	29.06	8.28	7.90	11.2	2.339	94.3	3.4	2.2	0.8
1313	2/6/2015 06:31:05	13.09	45.29	29.29	8.25	7.91	10.9	2.303	94.2	3.6	2.3	0.8
1314	2/6/2015 06:46:05	13.12	44.50	28.74	8.27	7.89	13.1	2.298	94.1	3.2	2.0	0.8
1315	2/6/2015 07:01:05	13.04	45.97	29.79	7.80	7.88	7.2	2.271	89.2	2.2	1.4	0.5
1316	2/6/2015 07:16:05	13.09	44.87	28.99	8.03	7.88	9.7	2.262	91.5	3.3	2.1	0.8
1317	2/6/2015 07:31:05	13.07	45.84	29.69	8.09	7.89	8.9	2.282	92.5	3.4	2.2	0.8
1318	2/6/2015 07:46:05	13.06	45.96	29.78	8.07	7.89	9.1	2.291	92.4	2.9	1.9	0.7
1319	2/6/2015 08:01:05	13.04	46.17	29.93	8.05	7.90	8.3	2.324	92.2	2.5	1.6	0.6
1320	2/6/2015 08:16:05	13.08	45.03	29.11	8.15	7.89	11.9	2.350	92.8	3.0	1.9	0.7
1321	2/6/2015 08:31:05	13.04	45.52	29.46	8.14	7.90	11.8	2.410	92.8	3.0	1.9	0.7
1322	2/6/2015 08:46:05	13.01	46.06	29.85	8.11	7.91	9.3	2.458	92.7	2.5	1.6	0.6
1323	2/6/2015 09:01:05	12.99	46.16	29.92	8.15	7.92	10.4	2.524	93.2	2.4	1.5	0.6
1324	2/6/2015 09:16:05	12.98	46.25	29.99	8.17	7.93	9.4	2.608	93.5	2.4	1.5	0.6
1325	2/6/2015 09:31:05	13.00	46.26	29.99	8.22	7.94	8.9	2.675	94.0	2.8	1.8	0.7
1326	2/6/2015 09:46:05	13.00	46.68	30.29	8.21	7.94	9.5	2.774	94.2	2.5	1.6	0.6
1327	2/6/2015 10:01:04	13.02	46.79	30.38	8.19	7.93	11.1	2.885	94.0	2.4	1.5	0.6
1328	2/6/2015 10:16:05	13.00	46.98	30.51	8.18	7.94	10.0	2.965	93.9	1.8	1.2	0.4
1329	2/6/2015 10:31:05	12.99	47.06	30.57	8.19	7.95	8.6	3.061	94.1	2.2	1.4	0.5
1330	2/6/2015 10:46:05	12.98	47.13	30.61	8.21	7.96	8.3	3.134	94.2	2.1	1.3	0.5
1331	2/6/2015 11:01:05	12.95	47.21	30.68	8.23	7.97	7.1	3.230	94.5	2.2	1.4	0.5
1332	2/6/2015 11:16:05	12.94	47.27	30.72	8.27	7.98	7.9	3.300	94.9	2.3	1.5	0.6
1333	2/6/2015 11:31:05	12.92	47.54	30.91	8.30	8.00	7.2	3.367	95.4	2.7	1.7	0.6
1334	2/6/2015 11:46:05	12.91	47.71	31.03	8.33	8.01	5.9	3.454	95.8	2.5	1.6	0.6
1335	2/6/2015 12:01:05	12.92	47.85	31.13	8.35	8.02	4.8	3.487	96.0	2.8	1.8	0.7
1336	2/6/2015 12:16:05	12.92	47.94	31.20	8.39	8.03	4.2	3.550	96.5	2.1	1.3	0.5
1337	2/6/2015 12:31:05	12.92	48.03	31.26	8.41	8.04	3.7	3.583	96.8	2.2	1.4	0.5
1338	2/6/2015 12:46:05	12.92	48.05	31.28	8.39	8.04	3.3	3.622	96.6	1.5	1.0	0.4
1339	2/6/2015 13:01:05	12.91	48.08	31.30	8.34	8.04	3.0	3.638	96.1	2.1	1.3	0.5
1340	2/6/2015 13:16:05	12.93	47.88	31.16	8.31	8.02	3.5	3.631	95.6	2.3	1.5	0.5
1341	2/6/2015 13:31:05	12.92	48.08	31.30	8.36	8.04	3.0	3.615	96.3	2.0	1.3	0.5
1342	2/6/2015 13:46:05	12.93	47.95	31.21	8.37	8.04	3.9	3.590	96.4	1.7	1.1	0.4
1343	2/6/2015 14:01:05	12.97	47.83	31.12	8.32	8.03	3.1	3.529	95.8	1.4	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 = 0.64)	Fluorescence %FS
1344	2/6/2015 14:16:05	12.97	47.75	31.07	8.30	8.02	3.9	3.460	95.5	2.0	1.3	0.5
1345	2/6/2015 14:31:05	13.01	47.35	30.78	8.30	8.00	4.5	3.385	95.4	1.7	1.1	0.4
1346	2/6/2015 14:46:05	13.25	46.01	29.82	8.32	7.97	7.9	3.297	95.5	1.9	1.2	0.4
1347	2/6/2015 15:01:05	13.64	43.94	28.35	8.38	7.95	10.9	3.210	96.1	2.5	1.6	0.6
1348	2/6/2015 15:16:05	13.64	44.24	28.56	8.43	7.95	9.9	3.106	96.9	2.8	1.8	0.7
1349	2/6/2015 15:31:05	13.57	45.10	29.17	8.42	7.95	7.1	3.012	97.0	2.3	1.5	0.5
1350	2/6/2015 15:46:05	13.58	45.04	29.13	8.35	7.94	6.8	2.915	96.2	4.5	2.9	1.1
1351	2/6/2015 16:01:05	13.47	45.27	29.29	8.27	7.94	6.6	2.808	95.2	5.3	3.4	1.3
1352	2/6/2015 16:16:05	13.58	44.89	29.02	8.32	7.93	7.5	2.707	95.8	2.5	1.6	0.6
1353	2/6/2015 16:31:05	13.60	44.87	29.01	8.30	7.93	7.0	2.612	95.6	2.8	1.8	0.7
1354	2/6/2015 16:46:05	13.60	44.99	29.10	8.28	7.93	6.6	2.522	95.4	2.4	1.5	0.6
1355	2/6/2015 17:01:05	13.58	45.35	29.36	8.24	7.93	5.7	2.418	95.0	2.8	1.8	0.7
1356	2/6/2015 17:16:05	13.54	45.41	29.40	8.23	7.93	5.9	2.316	94.9	2.4	1.5	0.6
1357	2/6/2015 17:31:05	13.53	45.22	29.26	8.23	7.93	6.1	2.229	94.8	2.1	1.3	0.5
1358	2/6/2015 17:46:05	13.55	45.08	29.16	8.18	7.92	6.2	2.148	94.2	3.0	1.9	0.7
1359	2/6/2015 18:01:05	13.55	45.13	29.20	8.19	7.92	5.9	2.034	94.3	3.0	1.9	0.7
1360	2/6/2015 18:16:05	13.55	45.05	29.14	8.10	7.90	6.1	1.971	93.2	2.7	1.7	0.6
1361	2/6/2015 18:31:05	13.55	45.08	29.16	8.06	7.90	5.8	1.893	92.8	2.8	1.8	0.7
1362	2/6/2015 18:46:05	13.54	45.03	29.12	8.03	7.90	6.1	1.808	92.4	2.5	1.6	0.6
1363	2/6/2015 19:01:05	13.54	44.94	29.06	7.99	7.89	6.0	1.763	92.0	2.4	1.5	0.6
1364	2/6/2015 19:16:05	13.53	44.92	29.04	7.98	7.88	5.9	1.717	91.7	2.9	1.9	0.7
1365	2/6/2015 19:31:05	13.53	44.91	29.03	7.83	7.87	5.0	1.700	90.1	2.8	1.8	0.7
1366	2/6/2015 19:46:05	13.54	44.91	29.04	7.97	7.88	6.1	1.695	91.6	2.6	1.7	0.6
1367	2/6/2015 20:01:05	13.52	44.96	29.08	8.00	7.88	6.1	1.730	92.0	2.8	1.8	0.7
1368	2/6/2015 20:16:05	13.52	44.81	28.96	8.00	7.88	6.8	1.754	92.0	2.7	1.7	0.6
1369	2/6/2015 20:31:05	13.53	44.70	28.89	8.00	7.88	7.6	1.824	92.0	2.7	1.7	0.6
1370	2/6/2015 20:46:05	13.52	44.28	28.58	8.04	7.88	10.4	1.905	92.2	3.4	2.2	0.8
1371	2/6/2015 21:01:05	13.50	43.81	28.25	8.08	7.88	11.8	1.985	92.4	3.3	2.1	0.8
1372	2/6/2015 21:16:05	13.49	43.72	28.18	8.09	7.88	12.2	2.081	92.5	3.2	2.0	0.8
1373	2/6/2015 21:31:05	13.46	43.55	28.06	8.12	7.89	17.2	2.169	92.7	3.9	2.5	0.9
1374	2/6/2015 21:46:05	13.44	44.01	28.39	8.14	7.90	14.2	2.254	93.1	3.6	2.3	0.9
1375	2/6/2015 22:01:05	13.43	44.44	28.70	8.14	7.90	13.6	2.335	93.2	2.8	1.8	0.7
1376	2/6/2015 22:16:05	13.40	43.07	27.72	8.19	7.88	18.0	2.432	93.2	3.7	2.4	0.9
1377	2/6/2015 22:31:05	13.41	44.19	28.52	8.15	7.89	12.7	2.521	93.2	3.2	2.0	0.8
1378	2/6/2015 22:46:05	13.41	45.20	29.24	8.12	7.90	10.4	2.593	93.3	2.8	1.8	0.7
1379	2/6/2015 23:01:05	13.41	45.19	29.24	8.11	7.90	12.1	2.705	93.2	2.8	1.8	0.7
1380	2/6/2015 23:16:05	13.39	44.91	29.03	8.14	7.91	14.2	2.805	93.3	3.2	2.0	0.8
1381	2/6/2015 23:31:05	13.37	44.76	28.92	8.18	7.92	12.8	2.899	93.7	2.5	1.6	0.6
1382	2/6/2015 23:46:05	13.34	44.83	28.98	8.24	7.93	15.9	3.000	94.3	2.5	1.6	0.6
1383	2/7/2015 00:01:05	13.32	44.87	29.00	8.26	7.94	18.1	3.122	94.5	3.0	1.9	0.7
1384	2/7/2015 00:16:05	13.30	45.01	29.10	8.28	7.95	18.7	3.231	94.8	3.4	2.2	0.8
1385	2/7/2015 00:31:05	13.20	46.11	29.89	8.38	7.99	14.0	3.318	96.2	3.0	1.9	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 = 0.64)	Fluorescence %FS
1386	2/7/2015 00:46:05	13.16	46.43	30.12	8.44	8.01	13.4	3.406	97.0	3.3	2.1	0.8
1387	2/7/2015 01:01:05	13.12	46.46	30.14	8.51	8.02	20.0	3.484	97.7	3.1	2.0	0.7
1388	2/7/2015 01:16:05	13.10	46.33	30.05	8.47	8.03	19.9	3.552	97.2	3.4	2.2	0.8
1389	2/7/2015 01:31:05	13.09	46.19	29.95	8.47	8.02	19.8	3.595	97.0	2.8	1.8	0.7
1390	2/7/2015 01:46:05	13.08	46.09	29.87	8.45	8.02	18.9	3.616	96.7	3.5	2.2	0.8
1391	2/7/2015 02:01:05	13.12	46.23	29.97	8.38	8.01	14.6	3.642	96.1	2.5	1.6	0.6
1392	2/7/2015 02:16:05	13.11	46.33	30.05	8.37	8.02	14.7	3.647	96.0	2.4	1.5	0.6
1393	2/7/2015 02:31:05	13.12	46.18	29.94	8.40	8.01	12.3	3.657	96.3	2.6	1.7	0.6
1394	2/7/2015 02:46:05	13.12	46.28	30.01	8.43	8.02	11.3	3.605	96.7	2.0	1.3	0.5
1395	2/7/2015 03:01:05	13.17	46.03	29.83	8.43	8.00	9.4	3.567	96.7	2.8	1.8	0.7
1396	2/7/2015 03:16:05	13.19	44.78	28.93	8.42	7.97	20.8	3.498	96.1	3.5	2.2	0.8
1397	2/7/2015 03:31:05	13.18	43.92	28.32	8.41	7.96	13.9	3.452	95.6	2.9	1.9	0.7
1398	2/7/2015 03:46:05	13.29	44.39	28.66	8.23	7.93	15.3	3.360	93.9	2.3	1.5	0.5
1399	2/7/2015 04:01:05	13.29	43.70	28.17	8.25	7.92	23.1	3.282	93.9	3.3	2.1	0.8
1400	2/7/2015 04:16:05	13.27	42.42	27.25	8.30	7.91	21.1	3.212	93.9	3.8	2.4	0.9
1401	2/7/2015 04:31:05	13.26	42.35	27.20	8.31	7.90	21.5	3.132	94.0	3.8	2.4	0.9
1402	2/7/2015 04:46:05	13.25	41.52	26.62	8.36	7.89	21.4	3.046	94.2	3.6	2.3	0.9
1403	2/7/2015 05:01:05	13.24	39.46	25.16	8.40	7.86	20.6	2.985	93.8	4.2	2.7	1.0
1404	2/7/2015 05:16:05	13.28	41.38	26.51	8.38	7.87	17.1	2.882	94.4	3.9	2.5	0.9
1405	2/7/2015 05:31:05	13.32	42.44	27.27	8.32	7.87	16.6	2.796	94.2	3.5	2.2	0.8
1406	2/7/2015 05:46:05	13.29	41.55	26.64	8.33	7.87	16.6	2.745	93.9	3.6	2.3	0.8
1407	2/7/2015 06:01:05	13.28	41.02	26.26	8.34	7.86	16.7	2.656	93.8	4.3	2.8	1.0
1408	2/7/2015 06:16:05	13.27	41.21	26.40	8.28	7.86	18.4	2.593	93.2	3.3	2.1	0.8
1409	2/7/2015 06:31:05	13.26	41.03	26.27	8.27	7.85	16.1	2.536	93.0	3.6	2.3	0.9
1410	2/7/2015 06:46:05	13.28	41.48	26.58	8.22	7.85	15.6	2.454	92.6	3.2	2.0	0.8
1411	2/7/2015 07:01:05	13.27	42.08	27.01	8.17	7.85	14.2	2.407	92.3	3.4	2.2	0.8
1412	2/7/2015 07:16:05	13.27	42.19	27.09	8.10	7.85	12.3	2.374	91.6	3.9	2.5	0.9
1413	2/7/2015 07:31:05	13.29	42.28	27.16	8.09	7.85	13.5	2.342	91.5	3.3	2.1	0.8
1414	2/7/2015 07:46:05	13.29	42.14	27.05	8.07	7.84	12.2	2.311	91.3	3.5	2.2	0.8
1415	2/7/2015 08:01:05	13.30	42.30	27.17	7.87	7.83	9.1	2.282	89.1	3.1	2.0	0.7
1416	2/7/2015 08:16:05	13.31	42.46	27.28	8.08	7.85	11.1	2.296	91.5	3.2	2.0	0.8
1417	2/7/2015 08:31:05	13.34	42.67	27.43	8.07	7.86	11.9	2.321	91.5	3.0	1.9	0.7
1418	2/7/2015 08:46:05	13.35	42.43	27.26	8.09	7.85	15.0	2.319	91.7	3.1	2.0	0.7
1419	2/7/2015 09:01:05	13.35	42.20	27.10	8.12	7.85	13.6	2.385	91.9	3.1	2.0	0.7
1420	2/7/2015 09:16:05	13.34	41.99	26.95	8.13	7.85	22.8	2.450	91.9	3.3	2.1	0.8
1421	2/7/2015 09:31:05	13.32	41.53	26.63	8.14	7.84	20.8	2.502	91.8	3.8	2.4	0.9
1422	2/7/2015 09:46:05	13.31	41.88	26.87	8.15	7.86	23.6	2.564	92.1	3.8	2.4	0.9
1423	2/7/2015 10:01:05	13.29	41.92	26.90	8.19	7.86	17.8	2.656	92.5	3.4	2.2	0.8
1424	2/7/2015 10:16:05	13.30	42.65	27.42	8.16	7.87	23.9	2.730	92.5	3.9	2.5	0.9
1425	2/7/2015 10:31:05	13.33	42.77	27.50	8.19	7.87	24.9	2.808	92.8	3.3	2.1	0.8
1426	2/7/2015 10:46:05	13.35	43.18	27.79	8.18	7.88	17.7	2.895	93.0	3.5	2.2	0.8
1427	2/7/2015 11:01:05	13.36	42.81	27.53	8.21	7.88	15.0	2.992	93.2	3.1	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 = 0.64)	Fluorescence %FS
1428	2/7/2015 11:16:05	13.36	43.73	28.19	8.17	7.89	18.0	3.064	93.1	2.9	1.9	0.7
1429	2/7/2015 11:31:05	13.34	43.98	28.37	8.16	7.89	20.5	3.137	93.1	2.6	1.7	0.6
1430	2/7/2015 11:46:05	13.31	44.13	28.47	8.17	7.91	20.2	3.225	93.2	3.1	2.0	0.7
1431	2/7/2015 12:01:05	13.28	44.24	28.55	8.17	7.91	17.2	3.279	93.2	2.8	1.8	0.7
1432	2/7/2015 12:16:05	13.32	44.14	28.48	8.15	7.91	11.6	3.361	93.0	2.8	1.8	0.7
1433	2/7/2015 12:31:05	13.23	44.33	28.62	8.18	7.93	13.0	3.417	93.3	2.3	1.5	0.5
1434	2/7/2015 12:46:05	13.22	44.29	28.59	8.22	7.95	11.9	3.470	93.7	2.6	1.7	0.6
1435	2/7/2015 13:01:05	13.16	44.38	28.65	8.22	7.95	9.8	3.490	93.6	2.5	1.6	0.6
1436	2/7/2015 13:16:05	13.15	44.43	28.69	8.24	7.96	11.0	3.538	93.8	2.3	1.5	0.5
1437	2/7/2015 13:31:05	13.15	44.46	28.71	8.02	7.95	8.2	3.539	91.3	2.9	1.9	0.7
1438	2/7/2015 13:46:05	13.18	44.39	28.66	8.15	7.95	7.6	3.535	92.9	2.8	1.8	0.7
1439	2/7/2015 14:01:05	13.19	44.40	28.66	8.19	7.95	9.7	3.527	93.3	2.3	1.5	0.5
1440	2/7/2015 14:16:05	13.23	44.37	28.64	8.18	7.95	8.7	3.503	93.3	2.5	1.6	0.6
1441	2/7/2015 14:31:05	13.85	42.78	27.53	8.69	7.93	9.2	3.453	99.7	2.7	1.7	0.6
1442	2/7/2015 14:46:05	13.64	42.70	27.46	8.41	7.92	10.8	3.389	96.0	2.8	1.8	0.7
1443	2/7/2015 15:01:05	13.51	42.64	27.41	8.29	7.91	12.3	3.326	94.4	2.5	1.6	0.6
1444	2/7/2015 15:16:05	13.62	42.32	27.19	8.22	7.90	18.3	3.251	93.7	3.0	1.9	0.7
1445	2/7/2015 15:31:05	13.99	39.40	25.13	8.40	7.87	13.9	3.188	95.2	3.1	2.0	0.7
1446	2/7/2015 15:46:05	13.86	42.09	27.03	8.40	7.89	10.0	3.089	96.1	2.9	1.9	0.7
1447	2/7/2015 16:01:04	13.81	42.42	27.27	8.34	7.88	9.4	2.996	95.4	3.2	2.0	0.8
1448	2/7/2015 16:16:05	13.78	42.34	27.21	8.36	7.88	10.0	2.917	95.5	3.0	1.9	0.7
1449	2/7/2015 16:31:05	13.77	42.15	27.07	8.34	7.88	10.0	2.852	95.2	3.0	1.9	0.7
1450	2/7/2015 16:46:05	13.76	42.40	27.25	8.35	7.88	10.1	2.744	95.4	2.9	1.9	0.7
1451	2/7/2015 17:01:05	13.76	41.96	26.94	8.33	7.87	10.3	2.657	94.9	2.8	1.8	0.7
1452	2/7/2015 17:16:05	13.74	42.23	27.13	8.32	7.87	10.3	2.577	94.9	2.8	1.8	0.7
1453	2/7/2015 17:31:05	13.72	41.12	26.34	8.31	7.86	11.4	2.508	94.4	3.5	2.2	0.8
1454	2/7/2015 17:46:05	13.72	41.79	26.81	8.26	7.86	11.4	2.423	94.0	3.4	2.2	0.8
1455	2/7/2015 18:01:05	13.74	41.61	26.69	8.24	7.86	10.6	2.331	93.8	3.4	2.2	0.8
1456	2/7/2015 18:16:05	13.72	41.66	26.72	8.26	7.86	10.6	2.251	94.0	3.4	2.2	0.8
1457	2/7/2015 18:31:05	13.72	41.80	26.82	8.22	7.85	10.4	2.167	93.6	3.5	2.2	0.8
1458	2/7/2015 18:46:05	13.70	42.42	27.27	8.19	7.86	10.3	2.094	93.4	2.4	1.5	0.6
1459	2/7/2015 19:01:05	13.72	42.26	27.15	8.18	7.85	9.8	2.023	93.3	3.1	2.0	0.7
1460	2/7/2015 19:16:05	13.72	42.24	27.14	8.16	7.85	9.5	1.949	93.1	2.3	1.5	0.5
1461	2/7/2015 19:31:05	13.75	41.99	26.96	8.15	7.84	9.4	1.908	92.9	2.7	1.7	0.6
1462	2/7/2015 19:46:05	13.77	41.84	26.86	8.13	7.84	8.0	1.883	92.7	2.4	1.5	0.6
1463	2/7/2015 20:01:04	13.76	42.41	27.26	8.03	7.84	7.6	1.885	91.8	3.2	2.0	0.8
1464	2/7/2015 20:16:05	13.73	41.94	26.93	8.13	7.84	7.8	1.860	92.7	3.0	1.9	0.7
1465	2/7/2015 20:31:04	13.75	42.18	27.10	8.12	7.84	8.1	1.877	92.7	2.7	1.7	0.6
1466	2/7/2015 20:46:05	13.75	42.27	27.16	8.11	7.84	10.5	1.950	92.5	3.2	2.0	0.8
1467	2/7/2015 21:01:05	13.73	41.82	26.84	8.14	7.84	12.6	1.982	92.7	3.1	2.0	0.7
1468	2/7/2015 21:16:05	13.72	41.14	26.35	8.18	7.84	14.7	2.051	92.8	2.9	1.9	0.7
1469	2/7/2015 21:31:05	13.71	41.26	26.44	8.15	7.84	15.1	2.130	92.6	3.3	2.1	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 = 0.64)	Fluorescence %FS
1470	2/7/2015 21:46:05	13.70	41.05	26.29	8.15	7.84	15.2	2.215	92.5	3.2	2.0	0.8
1471	2/7/2015 22:01:05	13.70	41.35	26.50	8.17	7.85	19.2	2.286	92.8	3.8	2.4	0.9
1472	2/7/2015 22:16:05	13.67	41.65	26.71	8.18	7.85	16.0	2.374	93.0	2.9	1.9	0.7
1473	2/7/2015 22:31:04	13.67	42.60	27.39	8.16	7.87	20.1	2.462	93.2	3.4	2.2	0.8
1474	2/7/2015 22:46:04	13.66	42.03	26.99	8.21	7.86	16.0	2.546	93.5	3.3	2.1	0.8
1475	2/7/2015 23:01:05	13.68	41.84	26.85	8.24	7.86	17.3	2.634	93.8	3.2	2.0	0.8
1476	2/7/2015 23:16:04	13.69	42.29	27.17	8.24	7.87	12.8	2.705	94.0	3.3	2.1	0.8
1477	2/7/2015 23:31:04	13.69	42.67	27.44	8.22	7.87	16.6	2.800	93.9	2.8	1.8	0.7
1478	2/7/2015 23:46:05	13.68	42.71	27.47	8.20	7.88	17.3	2.886	93.7	4.1	2.6	1.0
1479	2/8/2015 00:01:04	13.65	42.52	27.33	8.22	7.88	19.8	2.972	93.7	3.5	2.2	0.8
1480	2/8/2015 00:16:05	13.61	42.37	27.22	8.23	7.89	28.8	3.065	93.7	3.8	2.4	0.9
1481	2/8/2015 00:31:05	13.54	42.41	27.25	8.27	7.90	37.0	3.155	94.1	4.3	2.8	1.0
1482	2/8/2015 00:46:05	13.49	42.66	27.43	8.29	7.91	38.3	3.256	94.3	3.9	2.5	0.9
1483	2/8/2015 01:01:05	13.41	43.11	27.75	8.35	7.93	39.6	3.334	95.0	3.3	2.1	0.8
1484	2/8/2015 01:16:05	13.31	43.64	28.12	8.39	7.96	51.6	3.405	95.5	4.1	2.6	1.0
1485	2/8/2015 01:31:05	13.26	43.78	28.22	8.42	7.97	47.6	3.483	95.8	4.0	2.6	0.9
1486	2/8/2015 01:46:05	13.22	43.91	28.31	8.44	7.98	51.9	3.551	96.0	3.6	2.3	0.8
1487	2/8/2015 02:01:05	13.19	43.92	28.32	8.44	7.98	33.2	3.569	95.9	3.7	2.4	0.9
1488	2/8/2015 02:16:05	13.16	43.97	28.35	8.42	7.99	26.2	3.622	95.6	2.9	1.9	0.7
1489	2/8/2015 02:31:04	13.14	43.97	28.35	8.38	7.99	20.4	3.637	95.2	2.8	1.8	0.7
1490	2/8/2015 02:46:05	13.18	43.91	28.31	8.39	7.98	26.1	3.616	95.4	3.0	1.9	0.7
1491	2/8/2015 03:01:05	13.16	43.97	28.35	8.46	7.99	25.9	3.596	96.1	2.9	1.9	0.7
1492	2/8/2015 03:16:05	13.20	43.77	28.21	8.41	7.98	23.4	3.562	95.6	3.2	2.0	0.8
1493	2/8/2015 03:31:05	13.32	42.80	27.53	8.30	7.92	15.7	3.508	94.2	3.0	1.9	0.7
1494	2/8/2015 03:46:05	13.43	42.58	27.37	8.22	7.89	11.1	3.430	93.4	2.9	1.9	0.7
1495	2/8/2015 04:01:05	13.43	42.51	27.32	8.20	7.89	10.0	3.378	93.1	2.9	1.9	0.7
1496	2/8/2015 04:16:05	13.41	42.25	27.13	8.19	7.89	10.4	3.297	92.8	2.6	1.7	0.6
1497	2/8/2015 04:31:05	13.41	41.77	26.80	8.19	7.88	10.6	3.193	92.7	2.9	1.9	0.7
1498	2/8/2015 04:46:05	13.41	41.60	26.67	8.18	7.87	14.1	3.139	92.4	3.1	2.0	0.7
1499	2/8/2015 05:01:05	13.43	42.06	27.00	8.20	7.89	18.8	3.052	93.0	3.4	2.2	0.8
1500	2/8/2015 05:16:05	13.41	41.57	26.65	8.19	7.86	12.2	2.981	92.6	3.5	2.2	0.8
1501	2/8/2015 05:31:05	13.44	41.81	26.82	8.18	7.86	10.3	2.897	92.6	2.8	1.8	0.7
1502	2/8/2015 05:46:05	13.44	41.87	26.87	8.19	7.86	11.6	2.795	92.8	3.5	2.2	0.8
1503	2/8/2015 06:01:05	13.44	41.70	26.75	8.18	7.85	10.3	2.753	92.5	2.7	1.7	0.6
1504	2/8/2015 06:16:05	13.44	41.44	26.56	8.19	7.84	11.3	2.669	92.6	3.2	2.0	0.7
1505	2/8/2015 06:31:05	13.43	41.31	26.47	8.20	7.84	14.4	2.592	92.6	3.0	1.9	0.7
1506	2/8/2015 06:46:05	13.38	40.49	25.88	8.21	7.83	16.9	2.538	92.3	3.2	2.0	0.8
1507	2/8/2015 07:01:05	13.37	40.71	26.04	8.19	7.83	16.6	2.474	92.2	3.4	2.2	0.8
1508	2/8/2015 07:16:05	13.35	40.35	25.79	8.21	7.83	17.3	2.411	92.2	3.8	2.4	0.9
1509	2/8/2015 07:31:05	13.32	40.58	25.95	8.22	7.83	22.2	2.366	92.3	3.6	2.3	0.8
1510	2/8/2015 07:46:05	13.29	40.44	25.85	8.23	7.83	24.7	2.339	92.3	3.3	2.1	0.8
1511	2/8/2015 08:01:05	13.32	40.29	25.74	8.23	7.83	21.7	2.284	92.3	3.9	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 = 0.64)	Fluorescence %FS
1512	2/8/2015 08:16:05	13.46	41.14	26.35	7.89	7.81	8.6	2.266	89.1	2.5	1.6	0.6
1513	2/8/2015 08:31:05	13.48	41.36	26.51	7.98	7.83	9.6	2.254	90.3	3.4	2.2	0.8
1514	2/8/2015 08:46:05	13.43	40.99	26.24	8.06	7.83	13.0	2.245	91.0	3.5	2.2	0.8
1515	2/8/2015 09:01:05	13.43	40.99	26.24	8.10	7.82	13.4	2.274	91.3	3.4	2.2	0.8
1516	2/8/2015 09:16:05	13.45	41.03	26.27	8.09	7.82	15.2	2.300	91.3	3.2	2.0	0.8
1517	2/8/2015 09:31:05	13.42	40.86	26.15	8.08	7.82	16.2	2.342	91.1	3.5	2.2	0.8
1518	2/8/2015 09:46:05	13.42	40.86	26.15	8.08	7.83	18.9	2.387	91.1	3.3	2.1	0.8
1519	2/8/2015 10:01:05	13.41	40.78	26.09	8.09	7.83	17.7	2.445	91.2	3.0	1.9	0.7
1520	2/8/2015 10:16:05	13.40	40.91	26.19	8.09	7.83	16.1	2.514	91.2	3.0	1.9	0.7
1521	2/8/2015 10:31:05	13.39	40.94	26.20	8.14	7.84	15.6	2.578	91.7	2.6	1.7	0.6
1522	2/8/2015 10:46:05	13.39	41.78	26.80	8.12	7.86	20.6	2.622	91.8	3.4	2.2	0.8
1523	2/8/2015 11:01:05	13.43	41.96	26.93	8.16	7.87	25.9	2.697	92.4	3.5	2.2	0.8
1524	2/8/2015 11:16:05	13.49	42.02	26.97	8.21	7.87	22.5	2.758	93.1	3.0	1.9	0.7
1525	2/8/2015 11:31:05	13.50	42.09	27.03	8.20	7.87	20.8	2.835	93.1	3.0	1.9	0.7
1526	2/8/2015 11:46:05	13.49	42.20	27.10	8.19	7.88	20.4	2.915	93.0	3.2	2.0	0.8
1527	2/8/2015 12:01:05	13.45	42.22	27.11	8.19	7.89	17.9	2.975	92.9	2.5	1.6	0.6
1528	2/8/2015 12:16:05	13.40	42.34	27.20	8.18	7.90	19.9	3.030	92.8	3.1	2.0	0.7
1529	2/8/2015 12:31:05	13.39	42.35	27.21	8.21	7.90	24.7	3.127	93.0	3.2	2.0	0.8
1530	2/8/2015 12:46:05	13.41	42.41	27.25	8.21	7.90	18.6	3.170	93.1	2.7	1.7	0.6
1531	2/8/2015 13:01:05	13.41	42.45	27.28	8.23	7.91	18.3	3.236	93.4	2.3	1.5	0.5
1532	2/8/2015 13:16:05	13.40	42.57	27.36	8.24	7.92	16.5	3.302	93.6	3.5	2.2	0.8
1533	2/8/2015 13:31:05	13.36	42.71	27.46	8.20	7.92	15.5	3.328	93.1	2.7	1.7	0.6
1534	2/8/2015 13:46:05	13.34	42.80	27.53	8.21	7.93	14.3	3.373	93.2	2.6	1.7	0.6
1535	2/8/2015 14:01:05	13.32	42.87	27.58	8.02	7.92	9.6	3.393	91.0	2.5	1.6	0.6
1536	2/8/2015 14:16:05	13.32	42.95	27.63	7.99	7.92	8.5	3.419	90.7	2.3	1.5	0.6
1537	2/8/2015 14:31:05	13.32	43.02	27.68	8.14	7.93	12.7	3.402	92.4	2.4	1.5	0.6
1538	2/8/2015 14:46:05	13.63	42.16	27.08	8.27	7.91	13.3	3.363	94.1	2.8	1.8	0.7
1539	2/8/2015 15:01:05	13.68	42.19	27.10	8.32	7.91	11.3	3.352	94.8	3.0	1.9	0.7
1540	2/8/2015 15:16:05	13.64	42.26	27.15	8.33	7.91	12.0	3.305	95.0	2.3	1.5	0.6
1541	2/8/2015 15:31:05	13.65	42.31	27.19	8.34	7.91	12.3	3.217	95.1	2.6	1.7	0.6
1542	2/8/2015 15:46:05	13.67	42.21	27.12	8.36	7.91	11.9	3.177	95.2	2.4	1.5	0.6
1543	2/8/2015 16:01:05	13.76	41.90	26.89	8.31	7.89	12.0	3.116	94.7	2.7	1.7	0.6
1544	2/8/2015 16:16:05	13.74	41.72	26.77	8.28	7.88	13.7	3.012	94.3	2.4	1.5	0.6
1545	2/8/2015 16:31:05	13.73	41.70	26.76	8.27	7.88	13.3	2.943	94.1	3.0	1.9	0.7
1546	2/8/2015 16:46:04	13.72	41.65	26.72	8.24	7.87	14.7	2.892	93.8	3.0	1.9	0.7
1547	2/8/2015 17:01:05	13.73	41.60	26.68	8.27	7.88	13.1	2.822	94.1	3.0	1.9	0.7
1548	2/8/2015 17:16:05	13.76	41.44	26.57	8.25	7.87	13.5	2.703	93.9	2.6	1.7	0.6
1549	2/8/2015 17:31:05	13.79	41.29	26.47	8.27	7.87	13.2	2.667	94.1	2.6	1.7	0.6
1550	2/8/2015 17:46:05	13.80	41.25	26.44	8.26	7.86	13.3	2.581	94.0	3.0	1.9	0.7
1551	2/8/2015 18:01:05	13.77	41.36	26.51	8.24	7.86	13.1	2.487	93.8	3.0	1.9	0.7
1552	2/8/2015 18:16:05	13.75	41.37	26.52	8.24	7.86	14.8	2.442	93.7	2.6	1.7	0.6
1553	2/8/2015 18:31:05	13.77	41.15	26.37	8.24	7.85	13.7	2.363	93.7	4.1	2.6	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 = 0.64)	Fluorescence %FS
1554	2/8/2015 18:46:05	13.77	41.00	26.26	8.24	7.85	14.9	2.298	93.6	3.0	1.9	0.7
1555	2/8/2015 19:01:05	13.75	40.43	25.85	8.29	7.85	15.9	2.224	94.0	3.3	2.1	0.8
1556	2/8/2015 19:16:05	13.72	39.80	25.41	8.32	7.84	17.7	2.190	93.9	3.5	2.2	0.8
1557	2/8/2015 19:31:05	13.72	40.00	25.55	8.28	7.84	18.1	2.127	93.5	3.3	2.1	0.8
1558	2/8/2015 19:46:05	13.70	40.16	25.66	8.27	7.84	15.8	2.076	93.5	3.6	2.3	0.9
1559	2/8/2015 20:01:05	13.70	40.01	25.56	8.24	7.84	15.5	2.055	93.1	3.4	2.2	0.8
1560	2/8/2015 20:16:05	13.72	40.13	25.64	8.01	7.83	11.4	2.027	90.6	3.3	2.1	0.8
1561	2/8/2015 20:31:05	13.72	40.10	25.62	7.78	7.82	11.8	1.994	88.0	3.4	2.2	0.8
1562	2/8/2015 20:46:05	13.70	39.79	25.40	8.29	7.84	13.3	2.026	93.6	3.0	1.9	0.7
1563	2/8/2015 21:01:05	13.75	40.59	25.96	8.21	7.84	13.6	2.063	93.0	3.4	2.2	0.8
1564	2/8/2015 21:16:05	13.76	40.56	25.95	8.22	7.84	13.9	2.067	93.2	3.0	1.9	0.7
1565	2/8/2015 21:31:05	13.75	40.36	25.80	8.22	7.84	13.0	2.111	93.1	3.7	2.4	0.9
1566	2/8/2015 21:46:05	13.76	40.52	25.92	8.22	7.84	16.1	2.192	93.1	3.2	2.0	0.8
1567	2/8/2015 22:01:05	13.77	40.59	25.97	8.22	7.84	19.4	2.236	93.2	2.8	1.8	0.7
1568	2/8/2015 22:16:05	13.77	40.72	26.06	8.23	7.85	20.4	2.303	93.3	3.2	2.0	0.8
1569	2/8/2015 22:31:05	13.76	40.72	26.06	8.23	7.85	17.5	2.395	93.3	3.1	2.0	0.7
1570	2/8/2015 22:46:05	13.74	41.16	26.37	8.25	7.87	22.0	2.468	93.7	3.3	2.1	0.8
1571	2/8/2015 23:01:05	13.72	41.31	26.48	8.27	7.87	22.0	2.553	94.0	3.0	1.9	0.7
1572	2/8/2015 23:16:05	13.74	41.44	26.57	8.26	7.87	19.0	2.638	93.9	3.2	2.0	0.8
1573	2/8/2015 23:31:05	13.77	41.41	26.55	8.28	7.87	18.2	2.724	94.2	2.9	1.9	0.7
1574	2/8/2015 23:46:05	13.75	41.38	26.53	8.28	7.87	18.8	2.808	94.2	3.5	2.2	0.8
1575	2/9/2015 00:01:05	13.72	41.33	26.49	8.28	7.87	19.8	2.888	94.1	3.6	2.3	0.9
1576	2/9/2015 00:16:05	13.67	41.29	26.46	8.27	7.87	24.5	2.997	93.9	3.2	2.0	0.8
1577	2/9/2015 00:31:05	13.57	41.56	26.65	8.32	7.89	34.7	3.069	94.3	3.5	2.2	0.8
1578	2/9/2015 00:46:05	13.51	41.76	26.79	8.35	7.91	33.5	3.156	94.7	3.3	2.1	0.8
1579	2/9/2015 01:01:05	13.41	42.13	27.05	8.40	7.92	40.3	3.252	95.2	3.5	2.2	0.8
1580	2/9/2015 01:16:05	13.33	42.49	27.30	8.47	7.94	44.2	3.391	95.9	3.9	2.5	0.9
1581	2/9/2015 01:31:05	13.24	42.97	27.64	8.51	7.96	51.6	3.468	96.4	3.4	2.2	0.8
1582	2/9/2015 01:46:05	13.15	43.47	28.00	8.54	7.98	56.1	3.554	96.8	3.4	2.2	0.8
1583	2/9/2015 02:01:05	13.12	43.61	28.10	8.52	7.99	46.2	3.619	96.5	3.5	2.2	0.8
1584	2/9/2015 02:16:05	13.10	43.69	28.15	8.52	7.99	43.3	3.649	96.5	3.1	2.0	0.7
1585	2/9/2015 02:31:05	13.09	43.72	28.18	8.47	7.99	39.1	3.695	96.0	3.4	2.2	0.8
1586	2/9/2015 02:46:05	13.11	43.65	28.12	8.36	7.98	35.2	3.692	94.7	2.5	1.6	0.6
1587	2/9/2015 03:01:05	13.11	43.68	28.15	8.45	7.99	40.5	3.690	95.8	2.8	1.8	0.7
1588	2/9/2015 03:16:05	13.11	43.69	28.15	8.50	7.99	35.8	3.720	96.3	3.1	2.0	0.7
1589	2/9/2015 03:31:05	13.15	43.48	28.01	8.49	7.98	30.5	3.678	96.3	2.6	1.7	0.6
1590	2/9/2015 03:46:05	13.23	42.63	27.40	8.49	7.95	28.3	3.613	96.0	3.1	2.0	0.7
1591	2/9/2015 04:01:05	13.29	42.39	27.23	8.49	7.94	20.6	3.598	96.0	2.1	1.3	0.5
1592	2/9/2015 04:16:05	13.40	42.02	26.97	8.44	7.92	19.4	3.530	95.6	2.6	1.7	0.6
1593	2/9/2015 04:31:05	13.44	41.78	26.80	8.40	7.91	19.2	3.452	95.1	2.4	1.5	0.6
1594	2/9/2015 04:46:05	13.44	41.72	26.76	8.37	7.90	19.8	3.395	94.7	2.7	1.7	0.6
1595	2/9/2015 05:01:05	13.57	41.26	26.44	8.31	7.87	17.0	3.311	94.1	3.0	1.9	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 = 0.64)	Fluorescence %FS
1596	2/9/2015 05:16:05	13.53	41.31	26.48	8.29	7.87	16.3	3.241	93.9	3.1	2.0	0.7
1597	2/9/2015 05:31:05	13.44	41.46	26.58	8.27	7.87	15.3	3.173	93.5	2.6	1.7	0.6
1598	2/9/2015 05:46:05	13.44	41.44	26.56	8.33	7.88	15.9	3.066	94.1	3.4	2.2	0.8
1599	2/9/2015 06:01:05	13.45	41.35	26.50	8.32	7.88	15.5	3.015	94.0	3.0	1.9	0.7
1600	2/9/2015 06:16:05	13.42	41.30	26.46	8.27	7.87	14.2	2.963	93.3	3.1	2.0	0.7
1601	2/9/2015 06:31:05	13.44	41.18	26.38	8.26	7.87	14.7	2.860	93.2	3.1	2.0	0.7
1602	2/9/2015 06:46:05	13.43	41.23	26.42	8.31	7.87	13.3	2.787	93.8	2.9	1.9	0.7
1603	2/9/2015 07:01:05	13.43	41.20	26.39	8.30	7.87	13.8	2.726	93.7	2.7	1.7	0.6
1604	2/9/2015 07:16:05	13.43	41.25	26.42	8.28	7.87	13.7	2.644	93.5	3.1	2.0	0.7
1605	2/9/2015 07:31:05	13.43	41.16	26.36	8.27	7.86	13.0	2.591	93.3	3.2	2.0	0.8
1606	2/9/2015 07:46:05	13.44	41.01	26.26	8.27	7.86	12.8	2.517	93.2	3.0	1.9	0.7
1607	2/9/2015 08:01:05	13.44	40.95	26.22	8.26	7.85	12.5	2.425	93.2	2.8	1.8	0.7
1608	2/9/2015 08:16:05	13.43	40.77	26.09	8.28	7.85	12.3	2.397	93.3	2.7	1.7	0.6
1609	2/9/2015 08:31:05	13.41	40.50	25.90	8.29	7.85	11.9	2.357	93.2	2.5	1.6	0.6
1610	2/9/2015 08:46:05	13.36	40.57	25.95	8.27	7.85	11.5	2.302	93.0	2.5	1.6	0.6
1611	2/9/2015 09:01:05	13.36	40.46	25.87	8.27	7.84	11.4	2.272	93.0	2.9	1.9	0.7
1612	2/9/2015 09:16:05	13.37	40.13	25.63	8.23	7.84	11.1	2.267	92.4	3.4	2.2	0.8
1613	2/9/2015 09:31:05	13.39	40.48	25.88	8.08	7.84	12.5	2.249	90.9	2.3	1.5	0.5
1614	2/9/2015 09:46:05	13.46	40.69	26.03	8.17	7.84	12.5	2.240	92.1	3.3	2.1	0.8
1615	2/9/2015 10:01:05	13.45	40.71	26.05	8.20	7.84	12.3	2.284	92.5	2.9	1.9	0.7
1616	2/9/2015 10:16:05	13.45	40.74	26.06	8.25	7.84	12.1	2.312	93.0	2.6	1.7	0.6
1617	2/9/2015 10:31:05	13.44	40.38	25.81	8.26	7.84	12.8	2.354	92.9	2.8	1.8	0.7
1618	2/9/2015 10:46:05	13.42	40.43	25.85	8.22	7.83	13.9	2.407	92.5	2.5	1.6	0.6
1619	2/9/2015 11:01:05	13.43	40.41	25.83	8.22	7.84	13.3	2.463	92.5	2.5	1.6	0.6
1620	2/9/2015 11:16:05	13.43	40.01	25.55	8.24	7.84	12.8	2.525	92.6	3.1	2.0	0.7
1621	2/9/2015 11:31:05	13.43	40.31	25.76	8.24	7.84	13.1	2.587	92.7	2.7	1.7	0.6
1622	2/9/2015 11:46:05	13.42	40.60	25.96	8.23	7.85	15.8	2.650	92.6	3.4	2.2	0.8
1623	2/9/2015 12:01:05	13.46	40.76	26.08	8.25	7.85	16.1	2.724	93.0	2.8	1.8	0.7
1624	2/9/2015 12:16:05	13.49	40.88	26.16	8.26	7.86	15.3	2.789	93.3	2.8	1.8	0.7
1625	2/9/2015 12:31:05	13.56	40.97	26.23	8.31	7.86	15.9	2.836	94.0	2.9	1.9	0.7
1626	2/9/2015 12:46:05	13.58	41.07	26.31	8.31	7.86	16.1	2.870	94.0	3.0	1.9	0.7
1627	2/9/2015 13:01:05	13.62	41.10	26.32	8.32	7.86	15.3	2.914	94.2	2.9	1.9	0.7
1628	2/9/2015 13:16:05	13.62	41.04	26.29	8.33	7.87	16.7	2.979	94.4	3.2	2.0	0.8
1629	2/9/2015 13:31:05	13.72	40.82	26.13	8.38	7.87	14.2	3.017	95.0	2.8	1.8	0.7
1630	2/9/2015 13:46:05	13.72	40.66	26.02	8.36	7.87	13.2	3.070	94.7	2.9	1.9	0.7
1631	2/9/2015 14:01:04	13.70	40.88	26.17	8.32	7.87	12.8	3.110	94.3	3.1	2.0	0.7
1632	2/9/2015 14:16:05	13.68	41.04	26.29	8.30	7.87	12.8	3.161	94.1	3.0	1.9	0.7
1633	2/9/2015 14:31:05	13.61	41.12	26.34	8.11	7.86	11.5	3.174	91.8	2.0	1.3	0.5
1634	2/9/2015 14:46:05	13.62	41.13	26.35	7.95	7.85	10.0	3.201	90.1	2.6	1.7	0.6
1635	2/9/2015 15:01:05	13.55	41.17	26.37	8.11	7.86	11.2	3.256	91.8	2.6	1.7	0.6
1636	2/9/2015 15:16:05	13.52	41.15	26.36	8.18	7.86	12.2	3.230	92.5	2.2	1.4	0.5
1637	2/9/2015 15:31:05	13.55	41.09	26.32	8.17	7.86	16.4	3.214	92.4	3.1	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 = 0.64)	Fluorescence %FS
	Mean	12.50	46.91	30.45	8.15	7.93	6.44	2.65	92.58	2.28	1.46	0.54
	Minimum	11.47	39.40	25.13	6.45	7.76	1.70	1.09	73.90	0.50	0.32	0.10
	Maximum	13.99	50.14	32.74	9.24	8.08	56.10	3.77	105.30	5.30	3.39	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

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 15:30; 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 #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
0	2/9/2015 16:01:10	13.71	39.83	25.43	8.43	7.86	17.5	3.413	95.1	2.9	0.7
1	2/9/2015 16:16:11	13.71	39.96	25.52	8.48	7.87	15.0	3.377	95.8	3.0	0.7
2	2/9/2015 16:31:11	14.10	39.99	25.55	8.67	7.93	13.0	3.297	98.7	2.7	0.6
3	2/9/2015 16:46:11	14.08	39.98	25.54	9.35	7.98	12.0	3.264	106.4	2.8	0.7
4	2/9/2015 17:01:11	13.82	40.21	25.70	8.87	7.92	11.9	3.174	100.5	2.5	0.6
5	2/9/2015 17:16:11	13.81	39.91	25.49	8.71	7.90	11.9	3.085	98.6	2.9	0.7
6	2/9/2015 17:31:11	13.71	40.23	25.71	8.57	7.88	12.1	3.032	96.9	2.6	0.6
7	2/9/2015 17:46:11	13.74	40.11	25.63	8.50	7.87	11.9	2.956	96.1	2.8	0.7
8	2/9/2015 18:01:11	13.75	40.02	25.57	8.46	7.87	12.6	2.901	95.6	3.1	0.7
9	2/9/2015 18:16:11	13.67	40.10	25.62	8.43	7.87	11.6	2.847	95.2	2.6	0.6
10	2/9/2015 18:31:11	13.63	40.22	25.70	8.42	7.87	11.6	2.777	95.0	2.8	0.6
11	2/9/2015 18:46:11	13.62	40.14	25.65	8.40	7.87	10.8	2.710	94.8	3.0	0.7
12	2/9/2015 19:01:11	13.63	39.76	25.38	8.41	7.86	10.4	2.646	94.8	2.8	0.7
13	2/9/2015 19:16:11	13.64	39.70	25.33	8.41	7.86	10.1	2.589	94.7	2.5	0.6
14	2/9/2015 19:31:11	13.67	39.42	25.14	8.40	7.86	9.2	2.520	94.6	3.2	0.8
15	2/9/2015 19:46:11	13.59	39.51	25.20	8.39	7.86	9.2	2.477	94.3	2.5	0.6
16	2/9/2015 20:01:11	13.73	39.42	25.14	8.36	7.85	9.0	2.425	94.2	3.2	0.8
17	2/9/2015 20:16:11	13.72	39.31	25.06	8.33	7.85	8.3	2.396	93.8	3.0	0.7
18	2/9/2015 20:31:12	13.80	39.03	24.87	8.37	7.84	8.0	2.375	94.3	3.0	0.7
19	2/9/2015 20:46:11	13.72	39.22	25.00	8.25	7.84	8.3	2.336	92.9	3.0	0.7
20	2/9/2015 21:01:11	13.72	39.45	25.16	8.30	7.85	9.0	2.347	93.6	3.0	0.7
21	2/9/2015 21:16:11	13.71	39.30	25.06	8.32	7.85	9.3	2.363	93.7	3.3	0.8
22	2/9/2015 21:31:12	13.74	39.44	25.16	8.33	7.85	9.2	2.397	94.0	2.9	0.7
23	2/9/2015 21:46:11	13.70	39.41	25.13	8.36	7.85	9.0	2.437	94.2	3.1	0.7
24	2/9/2015 22:01:12	13.73	39.44	25.16	8.34	7.85	8.8	2.467	94.0	3.2	0.8
25	2/9/2015 22:16:11	13.74	39.39	25.12	8.35	7.84	10.9	2.532	94.2	3.0	0.7
26	2/9/2015 22:31:11	13.75	39.42	25.14	8.34	7.84	10.3	2.588	94.1	2.9	0.7
27	2/9/2015 22:46:11	13.75	39.28	25.05	8.36	7.84	10.1	2.649	94.2	2.8	0.7
28	2/9/2015 23:01:12	13.76	39.42	25.14	8.36	7.85	10.2	2.724	94.2	2.8	0.7
29	2/9/2015 23:16:12	13.77	39.50	25.20	8.36	7.85	11.8	2.787	94.3	3.0	0.7
30	2/9/2015 23:31:11	13.78	39.74	25.37	8.40	7.86	13.0	2.850	94.9	2.9	0.7
31	2/9/2015 23:46:11	13.78	39.71	25.35	8.42	7.86	13.6	2.919	95.1	2.6	0.6
32	2/10/2015 00:01:11	13.78	40.11	25.63	8.41	7.86	14.3	2.992	95.2	3.2	0.8
33	2/10/2015 00:16:12	13.77	40.13	25.64	8.39	7.86	14.6	3.063	95.0	3.1	0.7
34	2/10/2015 00:31:11	13.75	40.18	25.68	8.42	7.87	14.8	3.144	95.3	2.8	0.7
35	2/10/2015 00:46:12	13.69	40.46	25.87	8.43	7.89	16.7	3.218	95.4	2.7	0.6
36	2/10/2015 01:01:12	13.63	40.50	25.90	8.42	7.89	17.5	3.295	95.2	3.2	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
37	2/10/2015 01:16:12	13.58	40.80	26.11	8.42	7.91	21.8	3.371	95.2	3.4	0.8
38	2/10/2015 01:31:12	13.54	41.09	26.31	8.40	7.91	25.1	3.453	95.0	3.1	0.7
39	2/10/2015 01:46:12	13.50	41.18	26.38	8.43	7.92	22.5	3.519	95.3	2.8	0.7
40	2/10/2015 02:01:12	13.48	41.05	26.29	8.43	7.92	22.7	3.573	95.1	2.8	0.7
41	2/10/2015 02:16:12	13.43	41.40	26.54	8.42	7.93	24.1	3.636	95.2	3.2	0.7
42	2/10/2015 02:31:11	13.37	41.39	26.53	8.48	7.94	23.3	3.699	95.7	2.8	0.7
43	2/10/2015 02:46:11	13.31	42.12	27.04	8.50	7.96	25.1	3.740	96.1	2.5	0.6
44	2/10/2015 03:01:11	13.28	42.20	27.10	8.49	7.96	20.5	3.771	96.0	2.3	0.5
45	2/10/2015 03:16:11	13.25	42.09	27.02	8.49	7.97	16.1	3.813	95.9	2.8	0.7
46	2/10/2015 03:31:11	13.23	42.25	27.13	8.50	7.96	15.0	3.814	96.0	2.0	0.5
47	2/10/2015 03:46:12	13.25	42.10	27.03	8.48	7.97	16.7	3.820	95.8	2.5	0.6
48	2/10/2015 04:01:12	13.26	42.41	27.25	8.45	7.97	17.4	3.794	95.6	1.8	0.4
49	2/10/2015 04:16:12	13.30	42.06	27.00	8.44	7.95	15.6	3.777	95.4	1.6	0.4
50	2/10/2015 04:31:11	13.17	40.31	25.76	8.33	7.89	14.8	3.733	93.2	2.7	0.6
51	2/10/2015 04:46:11	13.24	40.92	26.19	8.33	7.90	16.5	3.672	93.5	2.6	0.6
52	2/10/2015 05:01:12	13.14	40.34	25.78	8.35	7.89	15.9	3.619	93.3	2.6	0.6
53	2/10/2015 05:16:12	13.09	40.03	25.56	8.37	7.89	16.7	3.538	93.3	2.4	0.6
54	2/10/2015 05:31:12	13.22	40.15	25.65	8.32	7.88	18.8	3.463	93.1	3.0	0.7
55	2/10/2015 05:46:12	13.16	39.59	25.25	8.33	7.87	14.2	3.393	92.8	3.1	0.7
56	2/10/2015 06:01:11	13.15	39.63	25.28	8.33	7.86	15.8	3.296	92.9	2.7	0.6
57	2/10/2015 06:16:12	13.09	39.41	25.12	8.31	7.85	15.6	3.227	92.4	2.9	0.7
58	2/10/2015 06:31:12	13.06	39.16	24.94	8.25	7.85	10.2	3.167	91.6	2.5	0.6
59	2/10/2015 06:46:12	13.08	39.64	25.28	8.24	7.85	9.7	3.079	91.7	2.4	0.6
60	2/10/2015 07:01:12	13.05	39.57	25.23	8.24	7.85	9.8	3.008	91.6	3.0	0.7
61	2/10/2015 07:16:11	13.00	39.12	24.91	8.26	7.85	9.0	2.942	91.6	2.6	0.6
62	2/10/2015 07:31:11	12.98	38.97	24.81	8.26	7.84	8.6	2.861	91.5	2.7	0.6
63	2/10/2015 07:46:12	13.00	39.58	25.24	8.21	7.84	8.7	2.797	91.2	2.8	0.7
64	2/10/2015 08:01:12	13.00	39.41	25.12	8.21	7.84	8.6	2.721	91.1	2.8	0.7
65	2/10/2015 08:16:12	13.03	39.09	24.90	8.21	7.83	8.6	2.647	91.0	2.9	0.7
66	2/10/2015 08:31:12	13.03	39.11	24.91	8.21	7.83	8.1	2.581	91.1	2.4	0.6
67	2/10/2015 08:46:12	13.01	39.39	25.10	8.18	7.83	8.1	2.523	90.8	2.3	0.5
68	2/10/2015 09:01:12	12.96	39.50	25.18	8.16	7.83	7.6	2.486	90.6	2.9	0.7
69	2/10/2015 09:16:11	13.04	39.22	24.99	8.19	7.83	7.3	2.443	90.9	2.6	0.6
70	2/10/2015 09:31:11	13.08	39.23	24.99	8.18	7.83	7.3	2.393	90.8	2.6	0.6
71	2/10/2015 09:46:12	13.09	39.20	24.97	8.03	7.82	5.2	2.396	89.2	2.6	0.6
72	2/10/2015 10:01:12	13.07	39.24	25.00	8.14	7.83	7.6	2.379	90.5	3.0	0.7
73	2/10/2015 10:16:12	13.05	39.21	24.98	8.15	7.82	7.2	2.396	90.5	2.7	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
74	2/10/2015 10:31:12	13.08	39.25	25.01	8.17	7.83	7.3	2.409	90.8	2.8	0.7
75	2/10/2015 10:46:11	13.08	38.84	24.72	8.20	7.82	8.4	2.445	90.9	2.5	0.6
76	2/10/2015 11:01:12	13.03	39.05	24.86	8.16	7.82	8.5	2.481	90.5	2.5	0.6
77	2/10/2015 11:16:13	13.03	38.91	24.76	8.14	7.82	9.2	2.530	90.2	2.9	0.7
78	2/10/2015 11:31:12	13.06	38.69	24.62	8.16	7.82	9.7	2.592	90.4	2.5	0.6
79	2/10/2015 11:46:12	13.05	38.76	24.66	8.15	7.82	9.5	2.639	90.3	2.6	0.6
80	2/10/2015 12:01:12	13.06	38.90	24.76	8.14	7.82	9.1	2.685	90.2	2.4	0.6
81	2/10/2015 12:16:12	13.10	38.90	24.76	8.16	7.83	10.0	2.736	90.5	2.3	0.5
82	2/10/2015 12:31:12	13.11	38.85	24.73	8.18	7.83	9.5	2.778	90.7	2.7	0.6
83	2/10/2015 12:46:12	13.17	39.14	24.93	8.21	7.84	10.8	2.838	91.3	2.2	0.5
84	2/10/2015 13:01:11	13.23	39.37	25.09	8.25	7.86	11.9	2.871	92.0	2.8	0.7
85	2/10/2015 13:16:12	13.27	39.69	25.32	8.23	7.86	11.4	2.911	92.0	2.7	0.6
86	2/10/2015 13:31:11	13.27	40.07	25.59	8.24	7.87	12.8	2.956	92.2	2.3	0.5
87	2/10/2015 13:46:12	13.32	40.17	25.66	8.26	7.87	11.0	2.996	92.6	2.6	0.6
88	2/10/2015 14:01:12	13.34	40.07	25.59	8.26	7.88	10.5	3.041	92.6	2.6	0.6
89	2/10/2015 14:16:12	13.35	40.40	25.83	8.24	7.88	10.4	3.085	92.5	2.7	0.6
90	2/10/2015 14:31:13	13.31	40.46	25.87	8.26	7.89	10.0	3.135	92.7	2.2	0.5
91	2/10/2015 14:46:12	13.25	40.70	26.03	8.26	7.90	9.9	3.167	92.7	2.6	0.6
92	2/10/2015 15:01:12	13.23	41.08	26.30	8.23	7.90	9.7	3.196	92.5	2.3	0.5
93	2/10/2015 15:16:12	13.26	40.86	26.15	8.21	7.90	9.0	3.222	92.2	2.0	0.5
94	2/10/2015 15:31:12	13.32	40.42	25.84	8.17	7.89	8.9	3.232	91.8	2.4	0.6
95	2/10/2015 15:46:12	13.26	40.74	26.06	8.10	7.89	9.2	3.232	91.0	2.1	0.5
96	2/10/2015 16:01:12	13.23	41.03	26.27	8.00	7.89	8.6	3.231	89.9	2.4	0.6
97	2/10/2015 16:16:12	13.24	40.71	26.04	8.11	7.89	9.1	3.228	91.0	2.1	0.5
98	2/10/2015 16:31:11	13.25	40.72	26.05	8.18	7.89	9.4	3.204	91.8	2.7	0.6
99	2/10/2015 16:46:11	13.68	39.98	25.54	8.48	7.90	9.1	3.177	95.7	2.5	0.6
100	2/10/2015 17:01:11	13.84	39.78	25.40	8.70	7.93	10.0	3.141	98.5	1.8	0.4
101	2/10/2015 17:16:12	13.62	39.88	25.46	8.47	7.91	9.7	3.114	95.5	2.8	0.7
102	2/10/2015 17:31:12	13.76	39.77	25.39	9.17	7.95	9.4	3.063	103.6	3.1	0.7
103	2/10/2015 17:46:12	13.60	39.91	25.48	8.90	7.95	8.3	3.012	100.3	3.0	0.7
104	2/10/2015 18:01:12	13.54	39.84	25.44	8.95	7.95	8.2	2.967	100.6	2.8	0.7
105	2/10/2015 18:16:11	13.46	39.53	25.22	8.69	7.92	8.3	2.907	97.4	3.0	0.7
106	2/10/2015 18:31:12	13.40	39.68	25.32	8.51	7.89	8.9	2.862	95.3	3.0	0.7
107	2/10/2015 18:46:13	13.34	39.61	25.26	8.36	7.88	8.6	2.797	93.5	2.6	0.6
108	2/10/2015 19:01:12	13.34	39.51	25.20	8.46	7.90	8.5	2.749	94.7	3.2	0.8
109	2/10/2015 19:16:12	13.32	39.49	25.18	8.33	7.88	8.2	2.704	93.1	2.8	0.7
110	2/10/2015 19:31:12	13.30	39.22	24.99	8.26	7.86	7.8	2.645	92.2	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	Fluorescence %FS
111	2/10/2015 19:46:12	13.34	39.02	24.85	8.17	7.83	7.2	2.599	91.2	3.0	0.7
112	2/10/2015 20:01:12	13.32	39.10	24.91	8.18	7.84	6.8	2.568	91.3	2.9	0.7
113	2/10/2015 20:16:12	13.28	39.27	25.03	8.20	7.85	7.0	2.516	91.5	2.9	0.7
114	2/10/2015 20:31:12	13.30	39.24	25.01	8.18	7.84	6.3	2.497	91.3	3.1	0.7
115	2/10/2015 20:46:13	13.32	39.11	24.91	8.17	7.84	6.3	2.461	91.2	2.7	0.6
116	2/10/2015 21:01:12	13.34	39.12	24.92	8.15	7.83	6.3	2.434	91.0	2.9	0.7
117	2/10/2015 21:16:12	13.36	39.05	24.87	8.13	7.83	6.1	2.426	90.7	3.0	0.7
118	2/10/2015 21:31:11	13.28	39.20	24.98	8.04	7.84	6.7	2.420	89.7	2.6	0.6
119	2/10/2015 21:46:12	13.23	39.05	24.87	8.17	7.83	6.6	2.421	91.0	2.7	0.6
120	2/10/2015 22:01:12	13.21	38.82	24.71	8.20	7.83	6.7	2.434	91.1	2.7	0.6
121	2/10/2015 22:16:12	13.27	39.13	24.92	8.15	7.83	7.8	2.468	90.9	3.1	0.7
122	2/10/2015 22:31:12	13.28	39.03	24.86	8.17	7.84	7.7	2.505	91.1	3.0	0.7
123	2/10/2015 22:46:12	13.32	39.03	24.86	8.16	7.83	9.5	2.552	91.1	2.7	0.6
124	2/10/2015 23:01:12	13.34	38.99	24.83	8.13	7.83	9.3	2.611	90.7	2.8	0.7
125	2/10/2015 23:16:12	13.35	39.23	25.00	8.15	7.84	9.9	2.683	91.1	3.1	0.7
126	2/10/2015 23:31:12	13.38	38.99	24.83	8.20	7.84	8.2	2.737	91.6	2.7	0.6
127	2/10/2015 23:46:12	13.39	39.29	25.05	8.22	7.85	8.6	2.792	91.9	2.5	0.6
128	2/11/2015 00:01:11	13.37	39.38	25.11	8.24	7.86	8.4	2.857	92.2	2.8	0.7
129	2/11/2015 00:16:12	13.34	39.56	25.23	8.26	7.86	9.7	2.915	92.4	3.0	0.7
130	2/11/2015 00:31:12	13.36	39.41	25.12	8.26	7.86	9.9	2.963	92.4	2.7	0.6
131	2/11/2015 00:46:12	13.34	39.76	25.37	8.31	7.87	10.3	3.030	93.1	2.8	0.7
132	2/11/2015 01:01:12	13.36	40.02	25.55	8.31	7.88	11.7	3.109	93.2	2.6	0.6
133	2/11/2015 01:16:13	13.25	40.68	26.02	8.34	7.91	10.7	3.183	93.6	2.5	0.6
134	2/11/2015 01:31:12	13.21	40.29	25.74	8.37	7.91	9.8	3.252	93.6	2.5	0.6
135	2/11/2015 01:46:12	13.16	40.86	26.15	8.38	7.92	10.0	3.328	93.9	2.3	0.5
136	2/11/2015 02:01:12	13.07	41.08	26.30	8.42	7.93	10.6	3.411	94.3	2.4	0.6
137	2/11/2015 02:16:12	13.06	41.57	26.65	8.41	7.95	10.9	3.471	94.4	2.2	0.5
138	2/11/2015 02:31:12	13.04	42.49	27.30	8.43	7.97	12.0	3.544	94.9	2.5	0.6
139	2/11/2015 02:46:12	12.98	42.84	27.54	8.48	7.99	12.7	3.597	95.5	2.0	0.5
140	2/11/2015 03:01:12	12.93	43.47	27.99	8.48	8.00	13.1	3.655	95.7	2.2	0.5
141	2/11/2015 03:16:12	12.93	43.57	28.06	8.47	8.00	12.2	3.707	95.6	2.0	0.5
142	2/11/2015 03:31:13	12.92	43.69	28.14	8.45	8.00	10.9	3.731	95.4	2.2	0.5
143	2/11/2015 03:46:13	12.94	43.39	27.93	8.34	7.99	10.2	3.758	94.1	1.9	0.4
144	2/11/2015 04:01:12	12.95	43.16	27.77	8.33	7.99	8.8	3.782	93.9	2.3	0.5
145	2/11/2015 04:16:13	12.94	43.67	28.13	8.27	7.99	9.4	3.777	93.4	2.2	0.5
146	2/11/2015 04:31:12	12.94	43.74	28.18	8.39	8.00	10.6	3.748	94.8	2.0	0.5
147	2/11/2015 04:46:12	13.00	43.06	27.70	8.37	7.98	10.8	3.728	94.4	1.8	0.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
148	2/11/2015 05:01:12	12.91	40.94	26.19	8.19	7.90	9.5	3.705	91.3	2.1	0.5
149	2/11/2015 05:16:12	12.85	40.16	25.64	8.20	7.89	9.1	3.651	91.0	2.3	0.5
150	2/11/2015 05:31:12	12.71	39.70	25.31	8.27	7.89	9.2	3.582	91.3	1.9	0.4
151	2/11/2015 05:46:12	12.70	40.20	25.66	8.29	7.90	9.6	3.544	91.8	2.4	0.6
152	2/11/2015 06:01:12	12.72	40.59	25.94	8.28	7.91	9.9	3.462	91.9	2.3	0.5
153	2/11/2015 06:16:13	12.54	40.25	25.69	8.36	7.91	8.9	3.377	92.3	2.7	0.6
154	2/11/2015 06:31:12	12.52	40.47	25.85	8.38	7.91	8.9	3.323	92.5	2.4	0.6
155	2/11/2015 06:46:12	12.59	40.49	25.86	8.32	7.91	8.9	3.243	92.0	2.8	0.7
156	2/11/2015 07:01:12	12.57	40.30	25.73	8.30	7.90	8.6	3.173	91.6	2.5	0.6
157	2/11/2015 07:16:12	12.55	40.21	25.67	8.30	7.89	7.7	3.096	91.5	2.4	0.6
158	2/11/2015 07:31:12	12.56	40.29	25.73	8.25	7.89	7.5	3.035	91.1	2.3	0.5
159	2/11/2015 07:46:12	12.54	40.40	25.80	8.25	7.89	7.4	2.948	91.0	2.6	0.6
160	2/11/2015 08:01:12	12.62	40.42	25.82	8.22	7.89	7.3	2.886	90.9	2.3	0.5
161	2/11/2015 08:16:11	12.63	39.97	25.50	8.19	7.87	7.0	2.816	90.4	2.1	0.5
162	2/11/2015 08:31:12	12.58	40.19	25.66	8.20	7.88	6.8	2.731	90.5	2.5	0.6
163	2/11/2015 08:46:12	12.59	39.99	25.51	8.23	7.88	7.2	2.666	90.8	2.4	0.6
164	2/11/2015 09:01:12	12.63	39.36	25.07	8.21	7.86	6.7	2.591	90.4	2.8	0.7
165	2/11/2015 09:16:12	12.58	39.40	25.10	8.31	7.86	6.4	2.521	91.4	2.8	0.7
166	2/11/2015 09:31:12	12.65	39.24	24.99	8.30	7.86	6.6	2.463	91.4	3.0	0.7
167	2/11/2015 09:46:13	12.66	39.27	25.01	8.43	7.87	5.7	2.398	92.8	2.7	0.6
168	2/11/2015 10:01:12	12.72	39.19	24.96	8.38	7.86	5.7	2.356	92.4	2.9	0.7
169	2/11/2015 10:16:12	12.77	39.09	24.89	8.36	7.86	5.7	2.306	92.2	2.8	0.7
170	2/11/2015 10:31:12	12.80	39.00	24.83	8.29	7.85	5.6	2.284	91.5	3.1	0.7
171	2/11/2015 10:46:12	12.83	39.11	24.90	8.20	7.85	5.1	2.277	90.5	2.9	0.7
172	2/11/2015 11:01:11	12.91	39.00	24.83	8.28	7.85	6.1	2.247	91.5	2.4	0.6
173	2/11/2015 11:16:12	12.89	38.91	24.77	8.28	7.84	5.7	2.284	91.4	3.1	0.7
174	2/11/2015 11:31:12	12.79	39.18	24.95	8.25	7.85	5.9	2.309	91.1	2.8	0.7
175	2/11/2015 11:46:12	12.79	39.53	25.19	8.15	7.85	6.4	2.328	90.1	2.2	0.5
176	2/11/2015 12:01:12	12.85	39.10	24.89	8.16	7.85	6.5	2.375	90.2	2.3	0.5
177	2/11/2015 12:16:12	12.86	39.06	24.87	8.15	7.84	6.3	2.421	90.1	2.4	0.6
178	2/11/2015 12:31:12	12.84	39.01	24.83	8.13	7.84	6.5	2.474	89.7	2.7	0.6
179	2/11/2015 12:46:13	12.79	39.26	25.01	8.11	7.84	6.8	2.509	89.6	2.6	0.6
180	2/11/2015 13:01:12	12.79	39.35	25.07	8.09	7.84	6.1	2.558	89.4	2.5	0.6
181	2/11/2015 13:16:13	12.79	39.58	25.23	8.07	7.85	6.7	2.603	89.3	2.5	0.6
182	2/11/2015 13:31:13	12.81	39.80	25.39	8.07	7.86	6.7	2.627	89.4	2.0	0.5
183	2/11/2015 13:46:12	12.80	40.05	25.56	8.06	7.87	7.0	2.677	89.3	2.3	0.5
184	2/11/2015 14:01:12	12.80	40.26	25.71	8.10	7.88	7.6	2.718	89.9	2.0	0.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
185	2/11/2015 14:16:11	12.81	40.36	25.78	8.09	7.88	7.4	2.751	89.8	2.5	0.6
186	2/11/2015 14:31:12	12.83	40.35	25.77	8.11	7.88	8.6	2.805	90.1	2.8	0.7
187	2/11/2015 14:46:13	12.91	40.31	25.75	8.17	7.89	7.5	2.842	90.9	2.2	0.5
188	2/11/2015 15:01:13	12.94	40.23	25.69	8.19	7.88	7.5	2.897	91.1	2.4	0.6
189	2/11/2015 15:16:13	12.93	40.48	25.87	8.15	7.89	7.1	2.933	90.7	2.1	0.5
190	2/11/2015 15:31:13	12.90	40.93	26.19	8.13	7.90	7.7	2.985	90.6	1.9	0.4
191	2/11/2015 15:46:12	12.93	40.98	26.22	8.19	7.90	7.6	3.030	91.4	2.1	0.5
192	2/11/2015 16:01:12	12.91	41.21	26.38	8.12	7.91	7.8	3.043	90.7	2.1	0.5
193	2/11/2015 16:16:13	12.91	41.22	26.39	8.16	7.91	7.4	3.089	91.1	2.3	0.5
194	2/11/2015 16:31:12	13.13	40.78	26.09	8.09	7.90	6.5	3.104	90.6	2.2	0.5
195	2/11/2015 16:46:12	13.07	40.81	26.11	8.15	7.90	6.5	3.129	91.1	2.4	0.6
196	2/11/2015 17:01:12	12.96	40.88	26.15	7.98	7.89	5.8	3.122	89.1	2.3	0.5
197	2/11/2015 17:16:12	12.90	41.32	26.46	7.94	7.90	7.4	3.117	88.7	1.6	0.4
198	2/11/2015 17:31:12	12.87	41.18	26.36	7.97	7.90	6.1	3.113	88.9	2.2	0.5
199	2/11/2015 17:46:12	12.87	41.19	26.37	7.99	7.90	7.9	3.093	89.1	2.0	0.5
200	2/11/2015 18:01:12	12.88	40.99	26.23	8.00	7.89	7.8	3.061	89.2	2.2	0.5
201	2/11/2015 18:16:12	12.95	40.67	26.01	8.05	7.89	7.8	3.032	89.7	2.8	0.7
202	2/11/2015 18:31:12	13.01	40.56	25.92	8.04	7.88	7.4	3.013	89.7	2.4	0.6
203	2/11/2015 18:46:12	13.09	40.22	25.69	8.07	7.88	7.3	2.973	90.1	3.3	0.8
204	2/11/2015 19:01:13	13.04	40.26	25.72	8.11	7.88	7.3	2.917	90.4	3.2	0.7
205	2/11/2015 19:16:13	13.18	39.85	25.43	8.09	7.88	7.4	2.874	90.3	3.1	0.7
206	2/11/2015 19:31:13	13.16	39.72	25.34	8.14	7.87	6.9	2.829	90.8	3.5	0.8
207	2/11/2015 19:46:12	13.17	39.37	25.09	8.16	7.87	6.2	2.790	90.9	2.9	0.7
208	2/11/2015 20:01:12	13.10	39.43	25.13	8.11	7.86	6.4	2.739	90.2	3.5	0.8
209	2/11/2015 20:16:12	13.07	39.39	25.11	8.08	7.86	5.8	2.706	89.8	3.4	0.8
210	2/11/2015 20:31:12	13.05	39.37	25.09	8.10	7.87	6.1	2.677	90.0	3.3	0.8
211	2/11/2015 20:46:12	13.03	39.43	25.14	8.10	7.87	5.6	2.634	89.9	3.0	0.7
212	2/11/2015 21:01:12	13.04	39.33	25.06	8.09	7.87	5.5	2.599	89.8	3.2	0.8
213	2/11/2015 21:16:12	13.03	39.15	24.93	8.16	7.86	5.0	2.565	90.5	3.3	0.8
214	2/11/2015 21:31:12	13.06	39.18	24.96	8.19	7.87	5.2	2.554	90.9	3.6	0.8
215	2/11/2015 21:46:11	13.05	39.13	24.93	8.18	7.87	4.7	2.541	90.8	3.8	0.9
216	2/11/2015 22:01:12	13.01	39.60	25.25	7.85	7.85	4.8	2.513	87.2	2.5	0.6
217	2/11/2015 22:16:12	13.04	39.34	25.07	8.04	7.86	5.0	2.516	89.3	3.0	0.7
218	2/11/2015 22:31:13	13.03	39.26	25.01	8.07	7.86	5.3	2.527	89.5	3.5	0.8
219	2/11/2015 22:46:13	13.02	39.06	24.87	8.17	7.86	5.4	2.543	90.6	3.4	0.8
220	2/11/2015 23:01:12	13.02	39.49	25.17	8.06	7.85	5.6	2.555	89.5	2.9	0.7
221	2/11/2015 23:16:12	13.03	39.34	25.07	8.09	7.86	5.9	2.584	89.9	3.3	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
222	2/11/2015 23:31:13	13.03	39.48	25.17	8.07	7.86	5.8	2.620	89.6	3.2	0.8
223	2/11/2015 23:46:12	13.04	39.46	25.16	8.07	7.86	6.4	2.665	89.7	3.0	0.7
224	2/12/2015 00:01:12	13.03	39.47	25.16	8.10	7.86	6.9	2.711	90.0	3.0	0.7
225	2/12/2015 00:16:13	13.01	40.31	25.75	8.09	7.88	7.3	2.740	90.1	2.8	0.7
226	2/12/2015 00:31:12	13.02	40.19	25.67	8.11	7.88	7.3	2.802	90.3	3.4	0.8
227	2/12/2015 00:46:12	13.01	40.53	25.91	8.13	7.89	7.6	2.849	90.7	2.2	0.5
228	2/12/2015 01:01:12	13.01	40.59	25.95	8.15	7.89	7.5	2.903	90.9	2.9	0.7
229	2/12/2015 01:16:11	13.00	40.87	26.15	8.18	7.91	8.7	2.975	91.4	2.6	0.6
230	2/12/2015 01:31:11	12.98	41.55	26.63	8.24	7.93	9.7	3.026	92.2	2.2	0.5
231	2/12/2015 01:46:11	12.95	42.14	27.05	8.27	7.94	9.8	3.099	92.8	2.3	0.5
232	2/12/2015 02:01:12	13.01	41.39	26.51	8.27	7.93	10.9	3.174	92.6	2.9	0.7
233	2/12/2015 02:16:12	12.92	42.26	27.13	8.27	7.95	9.8	3.229	92.8	2.5	0.6
234	2/12/2015 02:31:13	12.91	41.68	26.72	8.31	7.95	10.3	3.307	93.0	2.2	0.5
235	2/12/2015 02:46:12	12.83	42.16	27.05	8.34	7.97	10.0	3.381	93.3	2.3	0.5
236	2/12/2015 03:01:12	12.72	41.77	26.78	8.53	7.99	11.5	3.463	95.1	1.8	0.4
237	2/12/2015 03:16:12	12.67	42.30	27.15	8.55	8.01	10.2	3.515	95.4	1.8	0.4
238	2/12/2015 03:31:12	12.65	42.30	27.15	8.58	8.01	9.4	3.566	95.7	1.7	0.4
239	2/12/2015 03:46:12	12.62	42.50	27.29	8.58	8.03	9.0	3.638	95.8	1.8	0.4
240	2/12/2015 04:01:12	12.65	42.77	27.48	8.59	8.03	9.0	3.691	96.0	1.8	0.4
241	2/12/2015 04:16:12	12.66	43.25	27.82	8.48	8.03	8.2	3.732	95.1	1.7	0.4
242	2/12/2015 04:31:12	12.68	43.54	28.03	8.40	8.02	7.7	3.733	94.3	1.6	0.4
243	2/12/2015 04:46:12	12.68	42.44	27.25	8.36	8.01	6.4	3.780	93.4	1.9	0.4
244	2/12/2015 05:01:12	12.69	42.87	27.56	8.29	8.01	6.3	3.785	92.8	1.0	0.2
245	2/12/2015 05:16:13	12.73	42.97	27.63	8.31	8.00	7.5	3.766	93.1	2.1	0.5
246	2/12/2015 05:31:13	12.70	42.93	27.60	8.45	8.01	8.7	3.746	94.7	1.7	0.4
247	2/12/2015 05:46:13	12.56	41.13	26.32	8.29	7.94	7.6	3.729	91.8	1.9	0.4
248	2/12/2015 06:01:12	12.49	40.95	26.19	8.30	7.93	7.3	3.691	91.8	2.7	0.6
249	2/12/2015 06:16:12	12.61	41.20	26.37	8.21	7.93	7.9	3.617	91.1	2.1	0.5
250	2/12/2015 06:31:13	12.43	40.71	26.02	8.30	7.93	7.4	3.582	91.6	2.5	0.6
251	2/12/2015 06:46:12	12.38	40.79	26.07	8.33	7.93	7.0	3.511	91.8	2.0	0.5
252	2/12/2015 07:01:12	12.31	40.99	26.21	8.39	7.94	7.2	3.446	92.3	2.5	0.6
253	2/12/2015 07:16:11	12.24	40.89	26.14	8.47	7.95	7.0	3.385	93.1	1.8	0.4
254	2/12/2015 07:31:12	12.29	41.13	26.31	8.49	7.96	6.8	3.290	93.6	2.2	0.5
255	2/12/2015 07:46:12	12.28	40.64	25.96	8.41	7.94	6.5	3.223	92.5	2.1	0.5
256	2/12/2015 08:01:11	12.28	40.51	25.87	8.36	7.92	6.1	3.154	91.9	1.9	0.4
257	2/12/2015 08:16:13	12.31	40.23	25.67	8.35	7.92	6.0	3.069	91.6	2.2	0.5
258	2/12/2015 08:31:12	12.43	40.31	25.73	8.32	7.92	6.8	2.997	91.6	2.6	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
259	2/12/2015 08:46:12	12.35	39.99	25.51	8.38	7.91	5.6	2.927	91.9	2.6	0.6
260	2/12/2015 09:01:12	12.37	40.01	25.52	8.41	7.91	5.3	2.852	92.3	2.4	0.6
261	2/12/2015 09:16:12	12.45	39.96	25.49	8.42	7.91	5.7	2.765	92.6	2.6	0.6
262	2/12/2015 09:31:12	12.50	40.00	25.52	8.54	7.91	5.7	2.677	94.0	2.4	0.6
263	2/12/2015 09:46:12	12.53	39.93	25.47	8.77	7.93	5.4	2.606	96.6	2.4	0.6
264	2/12/2015 10:01:12	12.61	39.71	25.32	8.57	7.91	5.5	2.519	94.4	3.0	0.7
265	2/12/2015 10:16:12	12.70	39.75	25.35	8.86	7.93	5.0	2.438	97.8	3.0	0.7
266	2/12/2015 10:31:11	12.80	39.71	25.32	8.93	7.94	4.8	2.368	98.9	2.6	0.6
267	2/12/2015 10:46:12	12.87	39.65	25.28	8.70	7.93	4.9	2.303	96.4	3.1	0.7
268	2/12/2015 11:01:11	12.96	39.67	25.30	8.77	7.92	4.7	2.267	97.4	3.1	0.7
269	2/12/2015 11:16:12	13.04	39.64	25.28	8.80	7.93	4.7	2.203	97.9	2.5	0.6
270	2/12/2015 11:31:12	13.08	39.49	25.18	8.79	7.93	4.4	2.190	97.7	3.1	0.7
271	2/12/2015 11:46:12	13.11	39.48	25.17	8.56	7.91	3.4	2.159	95.2	2.8	0.6
272	2/12/2015 12:01:12	13.24	39.44	25.14	8.68	7.91	3.8	2.124	96.8	2.8	0.7
273	2/12/2015 12:16:12	13.25	39.59	25.25	8.67	7.91	4.7	2.147	96.8	2.7	0.6
274	2/12/2015 12:31:12	13.11	39.41	25.12	8.52	7.89	4.2	2.157	94.8	4.1	1.0
275	2/12/2015 12:46:12	12.93	39.69	25.31	8.41	7.89	4.8	2.195	93.3	3.0	0.7
276	2/12/2015 13:01:12	13.14	39.53	25.21	8.35	7.89	4.7	2.222	93.0	2.7	0.6
277	2/12/2015 13:16:12	13.05	39.55	25.22	8.32	7.88	4.5	2.265	92.5	2.8	0.7
278	2/12/2015 13:31:12	13.02	39.41	25.12	8.24	7.87	5.2	2.279	91.5	2.4	0.6
279	2/12/2015 13:46:12	12.86	39.30	25.04	8.23	7.87	5.8	2.342	91.0	2.6	0.6
280	2/12/2015 14:01:12	12.80	39.42	25.12	8.17	7.87	5.2	2.372	90.3	2.7	0.6
281	2/12/2015 14:16:12	12.77	39.48	25.16	8.17	7.87	5.1	2.428	90.3	2.4	0.6
282	2/12/2015 14:31:12	12.75	39.66	25.29	8.15	7.87	4.9	2.488	90.0	2.3	0.5
283	2/12/2015 14:46:12	12.73	39.67	25.29	8.12	7.87	5.0	2.531	89.7	2.3	0.5
284	2/12/2015 15:01:13	12.67	39.93	25.47	8.14	7.88	5.7	2.591	89.9	2.7	0.6
285	2/12/2015 15:16:12	12.65	40.23	25.69	8.14	7.89	6.1	2.606	90.0	2.2	0.5
286	2/12/2015 15:31:12	12.65	40.28	25.72	8.16	7.89	7.0	2.662	90.2	2.4	0.6
287	2/12/2015 15:46:12	12.67	40.33	25.76	8.17	7.90	6.5	2.716	90.4	2.2	0.5
288	2/12/2015 16:01:13	12.71	40.26	25.71	8.21	7.90	6.9	2.761	90.9	2.6	0.6
289	2/12/2015 16:16:12	12.73	40.40	25.81	8.22	7.90	6.0	2.795	91.1	2.2	0.5
290	2/12/2015 16:31:12	12.80	40.35	25.78	8.22	7.90	6.2	2.851	91.2	2.5	0.6
291	2/12/2015 16:46:12	12.82	40.65	25.98	8.19	7.91	6.2	2.896	91.1	2.5	0.6
292	2/12/2015 17:01:12	12.76	40.85	26.13	8.15	7.91	6.5	2.938	90.6	2.3	0.5
293	2/12/2015 17:16:12	12.72	41.11	26.31	8.14	7.91	6.5	2.970	90.5	2.2	0.5
294	2/12/2015 17:31:11	12.70	41.32	26.45	8.13	7.92	6.1	3.002	90.4	2.7	0.6
295	2/12/2015 17:46:12	12.72	41.32	26.45	8.11	7.92	6.6	3.022	90.2	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	Fluorescence %FS
296	2/12/2015 18:01:12	12.76	41.26	26.41	8.09	7.92	6.4	3.039	90.0	3.2	0.8
297	2/12/2015 18:16:13	12.90	40.50	25.89	8.13	7.91	5.3	3.073	90.4	3.7	0.9
298	2/12/2015 18:31:13	12.75	41.06	26.27	7.99	7.91	5.6	3.069	88.9	2.5	0.6
299	2/12/2015 18:46:12	12.67	41.70	26.73	7.87	7.91	6.8	3.079	87.6	2.2	0.5
300	2/12/2015 19:01:12	12.70	41.23	26.39	8.02	7.91	7.0	3.075	89.1	2.5	0.6
301	2/12/2015 19:16:12	12.68	41.48	26.57	7.99	7.91	6.7	3.059	88.8	2.5	0.6
302	2/12/2015 19:31:12	12.68	41.33	26.46	8.01	7.91	6.8	3.026	89.0	2.3	0.5
303	2/12/2015 19:46:12	12.71	40.88	26.14	8.02	7.90	6.4	2.996	89.1	2.6	0.6
304	2/12/2015 20:01:13	12.82	40.57	25.93	8.10	7.90	6.8	2.942	90.0	3.1	0.7
305	2/12/2015 20:16:12	12.83	40.43	25.83	8.12	7.90	6.8	2.919	90.3	3.0	0.7
306	2/12/2015 20:31:12	12.86	40.42	25.83	8.09	7.89	6.6	2.888	89.9	2.7	0.6
307	2/12/2015 20:46:13	12.83	40.34	25.76	8.01	7.88	6.2	2.821	89.0	2.9	0.7
308	2/12/2015 21:01:13	12.92	40.01	25.54	8.02	7.88	6.2	2.800	89.1	3.0	0.7
309	2/12/2015 21:16:12	12.92	39.67	25.30	8.11	7.87	5.7	2.773	90.0	3.2	0.8
310	2/12/2015 21:31:12	12.91	39.72	25.33	8.05	7.87	5.1	2.735	89.3	3.3	0.8
311	2/12/2015 21:46:13	12.85	39.50	25.18	8.03	7.87	4.9	2.691	88.8	3.7	0.9
312	2/12/2015 22:01:12	12.80	39.55	25.21	8.00	7.87	4.9	2.654	88.4	2.8	0.7
313	2/12/2015 22:16:12	12.78	39.55	25.21	7.98	7.86	4.5	2.649	88.2	2.9	0.7
314	2/12/2015 22:31:12	12.80	39.82	25.40	7.86	7.86	3.4	2.639	87.0	2.6	0.6
315	2/12/2015 22:46:12	12.81	39.97	25.51	7.77	7.86	4.4	2.610	86.1	2.9	0.7
316	2/12/2015 23:01:12	12.81	39.70	25.31	7.85	7.86	4.2	2.602	86.9	3.1	0.7
317	2/12/2015 23:16:12	13.01	39.58	25.24	7.93	7.87	5.4	2.605	88.1	3.8	0.9
318	2/12/2015 23:31:13	12.90	39.81	25.40	7.98	7.87	5.2	2.600	88.6	3.6	0.8
319	2/12/2015 23:46:12	12.88	39.61	25.26	8.02	7.87	5.2	2.628	88.9	3.3	0.8
320	2/13/2015 00:01:13	12.83	39.85	25.42	8.02	7.87	5.7	2.659	88.8	3.3	0.8
321	2/13/2015 00:16:12	12.83	40.13	25.62	7.97	7.87	5.3	2.674	88.4	2.7	0.6
322	2/13/2015 00:31:12	12.84	40.25	25.71	7.98	7.88	5.7	2.692	88.6	2.7	0.6
323	2/13/2015 00:46:13	12.86	40.14	25.63	8.02	7.88	5.7	2.739	89.0	2.6	0.6
324	2/13/2015 01:01:11	12.80	40.88	26.15	8.03	7.90	7.0	2.768	89.3	2.8	0.7
325	2/13/2015 01:16:11	12.78	41.15	26.34	8.07	7.91	6.5	2.827	89.8	2.8	0.7
326	2/13/2015 01:31:12	12.79	41.05	26.27	8.07	7.91	7.2	2.874	89.8	2.9	0.7
327	2/13/2015 01:46:13	12.82	40.68	26.00	8.12	7.90	6.8	2.916	90.3	2.9	0.7
328	2/13/2015 02:01:13	12.80	41.10	26.31	8.13	7.91	6.8	2.963	90.5	2.8	0.7
329	2/13/2015 02:16:13	12.84	40.98	26.22	8.17	7.91	6.7	3.021	91.0	2.6	0.6
330	2/13/2015 02:31:13	12.75	42.21	27.09	8.20	7.95	7.6	3.073	91.6	2.3	0.5
331	2/13/2015 02:46:13	12.72	43.21	27.80	8.25	7.98	8.9	3.152	92.6	2.1	0.5
332	2/13/2015 03:01:13	12.73	42.95	27.61	8.26	7.97	8.3	3.217	92.6	2.0	0.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
333	2/13/2015 03:16:13	12.74	42.64	27.39	8.24	7.97	7.9	3.266	92.3	2.2	0.5
334	2/13/2015 03:31:12	12.72	43.11	27.73	8.26	7.98	8.9	3.348	92.6	2.1	0.5
335	2/13/2015 03:46:13	12.71	43.72	28.16	8.24	7.99	9.5	3.396	92.7	1.7	0.4
336	2/13/2015 04:01:13	12.71	43.47	27.98	8.25	7.99	8.6	3.449	92.6	1.9	0.4
337	2/13/2015 04:16:12	12.70	44.20	28.50	8.28	8.00	9.2	3.524	93.3	1.8	0.4
338	2/13/2015 04:31:12	12.69	44.18	28.49	8.28	8.00	8.9	3.567	93.3	1.9	0.4
339	2/13/2015 04:46:12	12.69	44.19	28.49	8.31	8.00	9.1	3.619	93.5	1.5	0.4
340	2/13/2015 05:01:12	12.69	44.41	28.66	8.30	8.01	9.1	3.680	93.6	1.8	0.4
341	2/13/2015 05:16:13	12.69	44.62	28.80	8.30	8.01	9.0	3.722	93.6	1.4	0.3
342	2/13/2015 05:31:12	12.68	44.72	28.88	8.31	8.01	9.3	3.755	93.7	1.1	0.3
343	2/13/2015 05:46:12	12.68	44.76	28.91	8.25	8.01	7.6	3.769	93.1	1.8	0.4
344	2/13/2015 06:01:11	12.69	44.67	28.84	8.24	8.01	7.6	3.792	93.0	1.6	0.4
345	2/13/2015 06:16:11	12.69	44.68	28.85	8.21	8.01	8.5	3.800	92.7	1.0	0.2
346	2/13/2015 06:31:13	12.69	44.55	28.75	8.13	7.99	7.6	3.781	91.7	1.2	0.3
347	2/13/2015 06:46:12	12.70	44.18	28.49	8.17	7.99	8.3	3.750	92.1	1.5	0.4
348	2/13/2015 07:01:12	12.44	41.50	26.58	8.13	7.93	5.8	3.730	90.0	1.7	0.4
349	2/13/2015 07:16:12	12.51	42.19	27.07	8.13	7.94	7.8	3.664	90.4	1.6	0.4
350	2/13/2015 07:31:12	12.54	41.92	26.87	8.12	7.94	7.7	3.585	90.3	2.1	0.5
351	2/13/2015 07:46:12	12.53	42.06	26.98	8.12	7.93	7.6	3.525	90.3	2.1	0.5
352	2/13/2015 08:01:11	12.53	41.68	26.71	8.12	7.93	6.4	3.451	90.1	1.9	0.4
353	2/13/2015 08:16:12	12.47	41.83	26.81	8.14	7.93	6.1	3.389	90.3	2.4	0.6
354	2/13/2015 08:31:13	12.46	41.48	26.56	8.16	7.93	5.5	3.303	90.4	2.0	0.5
355	2/13/2015 08:46:12	12.43	41.45	26.54	8.21	7.93	5.6	3.232	90.9	2.5	0.6
356	2/13/2015 09:01:13	12.46	41.25	26.40	8.22	7.93	5.3	3.133	90.9	2.1	0.5
357	2/13/2015 09:16:13	12.48	41.41	26.51	8.22	7.93	5.1	3.058	91.0	2.2	0.5
358	2/13/2015 09:31:13	12.52	41.38	26.49	8.23	7.93	5.3	2.960	91.2	1.9	0.4
359	2/13/2015 09:46:12	12.57	41.19	26.36	8.24	7.92	5.1	2.883	91.3	2.2	0.5
360	2/13/2015 10:01:12	12.60	41.29	26.43	8.26	7.92	5.5	2.804	91.6	2.5	0.6
361	2/13/2015 10:16:11	12.61	40.96	26.20	8.34	7.92	5.1	2.705	92.4	2.1	0.5
362	2/13/2015 10:31:12	12.65	40.90	26.16	8.32	7.93	5.5	2.620	92.2	2.6	0.6
363	2/13/2015 10:46:13	12.70	40.14	25.62	8.50	7.91	5.7	2.515	94.1	3.1	0.7
364	2/13/2015 11:01:13	12.76	40.34	25.76	8.65	7.93	5.1	2.429	95.9	2.9	0.7
365	2/13/2015 11:16:12	12.86	40.42	25.83	8.66	7.93	4.7	2.331	96.2	2.8	0.7
366	2/13/2015 11:31:12	12.93	40.25	25.71	8.71	7.94	4.3	2.245	96.9	2.9	0.7
367	2/13/2015 11:46:12	12.97	40.13	25.62	8.74	7.94	4.2	2.148	97.2	3.6	0.8
368	2/13/2015 12:01:13	13.04	40.04	25.56	8.85	7.94	4.1	2.100	98.6	3.2	0.7
369	2/13/2015 12:16:12	13.07	40.01	25.54	8.68	7.93	4.5	2.022	96.8	2.9	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
370	2/13/2015 12:31:12	13.10	39.90	25.47	8.69	7.92	4.2	1.973	96.9	3.4	0.8
371	2/13/2015 12:46:12	13.09	39.77	25.37	8.51	7.91	4.2	1.946	94.8	3.3	0.8
372	2/13/2015 13:01:12	13.16	39.81	25.40	8.43	7.91	3.7	1.929	94.1	3.0	0.7
373	2/13/2015 13:16:12	13.19	39.73	25.34	8.61	7.91	4.0	1.937	96.1	3.5	0.8
374	2/13/2015 13:31:12	13.03	39.82	25.41	8.33	7.89	4.3	1.953	92.7	3.7	0.9
375	2/13/2015 13:46:12	12.91	40.24	25.70	8.23	7.89	4.2	1.969	91.5	2.4	0.6
376	2/13/2015 14:01:12	13.18	39.80	25.40	8.34	7.89	3.9	2.015	93.1	3.4	0.8
377	2/13/2015 14:16:12	13.12	39.73	25.35	8.26	7.89	4.7	2.055	92.1	2.9	0.7
378	2/13/2015 14:31:13	13.03	39.43	25.13	8.21	7.88	5.4	2.108	91.2	3.5	0.8
379	2/13/2015 14:46:12	12.98	39.50	25.18	8.15	7.88	5.2	2.169	90.5	3.1	0.7
380	2/13/2015 15:01:13	12.90	39.33	25.06	8.14	7.87	5.4	2.224	90.2	2.7	0.6
381	2/13/2015 15:16:12	12.88	39.44	25.14	8.11	7.87	5.0	2.267	89.8	2.7	0.6
382	2/13/2015 15:31:12	12.85	39.84	25.42	8.06	7.87	4.7	2.332	89.3	2.7	0.6
383	2/13/2015 15:46:12	12.84	39.79	25.38	8.04	7.88	4.7	2.378	89.1	2.5	0.6
384	2/13/2015 16:01:12	12.82	39.96	25.50	8.09	7.88	5.3	2.429	89.6	2.8	0.7
385	2/13/2015 16:16:12	12.76	40.49	25.87	8.05	7.89	5.6	2.500	89.3	2.2	0.5
386	2/13/2015 16:31:12	12.76	40.60	25.95	8.06	7.89	6.2	2.562	89.5	2.4	0.6
387	2/13/2015 16:46:12	12.77	40.82	26.10	8.09	7.90	6.3	2.611	89.9	2.9	0.7
388	2/13/2015 17:01:12	12.84	40.69	26.01	8.14	7.90	6.2	2.668	90.5	3.2	0.8
389	2/13/2015 17:16:13	12.87	40.73	26.04	8.15	7.90	5.9	2.722	90.7	3.2	0.7
390	2/13/2015 17:31:13	12.86	41.08	26.29	8.12	7.91	5.6	2.770	90.5	3.5	0.8
391	2/13/2015 17:46:12	12.85	41.17	26.36	8.11	7.91	6.1	2.842	90.4	3.7	0.9
392	2/13/2015 18:01:13	12.78	41.49	26.58	8.07	7.91	6.7	2.885	89.9	2.7	0.6
393	2/13/2015 18:16:12	12.75	41.68	26.71	8.04	7.92	7.0	2.931	89.6	2.2	0.5
394	2/13/2015 18:31:13	12.76	41.62	26.67	8.11	7.92	6.4	2.977	90.4	2.8	0.7
395	2/13/2015 18:46:12	12.73	41.80	26.80	8.06	7.92	6.6	3.024	89.9	2.8	0.6
396	2/13/2015 19:01:12	12.72	41.84	26.83	8.06	7.92	6.2	3.059	89.9	2.4	0.6
397	2/13/2015 19:16:12	12.71	41.86	26.84	8.01	7.92	5.8	3.091	89.4	2.4	0.6
398	2/13/2015 19:31:13	12.69	42.04	26.97	7.92	7.92	5.7	3.125	88.3	2.6	0.6
399	2/13/2015 19:46:12	12.71	42.03	26.96	7.86	7.92	5.3	3.143	87.8	2.0	0.5
400	2/13/2015 20:01:12	12.70	42.00	26.94	7.93	7.92	6.3	3.132	88.4	2.8	0.6
401	2/13/2015 20:16:13	12.69	42.23	27.10	7.91	7.92	5.9	3.136	88.3	2.5	0.6
402	2/13/2015 20:31:13	12.69	42.18	27.06	7.97	7.92	7.0	3.120	88.9	2.4	0.6
403	2/13/2015 20:46:12	12.71	41.83	26.82	7.94	7.92	5.9	3.115	88.6	2.5	0.6
404	2/13/2015 21:01:11	12.71	41.87	26.85	7.94	7.91	6.0	3.070	88.5	2.2	0.5
405	2/13/2015 21:16:12	12.72	41.79	26.79	7.95	7.91	6.3	3.033	88.6	2.7	0.6
406	2/13/2015 21:31:12	12.74	41.75	26.76	7.96	7.91	6.5	3.008	88.8	2.3	0.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
407	2/13/2015 21:46:12	12.75	41.56	26.63	7.97	7.91	6.2	2.958	88.9	2.6	0.6
408	2/13/2015 22:01:12	12.77	41.43	26.53	7.96	7.90	6.1	2.917	88.7	3.2	0.8
409	2/13/2015 22:16:12	12.81	41.19	26.37	7.92	7.89	5.8	2.847	88.2	2.9	0.7
410	2/13/2015 22:31:13	12.82	41.00	26.23	7.90	7.89	5.5	2.805	88.0	3.1	0.7
411	2/13/2015 22:46:13	12.81	40.73	26.05	7.89	7.88	5.0	2.789	87.7	3.0	0.7
412	2/13/2015 23:01:12	12.80	40.47	25.86	7.91	7.88	5.0	2.733	87.8	2.9	0.7
413	2/13/2015 23:16:12	12.79	40.69	26.01	7.85	7.88	4.9	2.699	87.3	2.6	0.6
414	2/13/2015 23:31:13	12.79	40.52	25.89	7.85	7.88	4.5	2.677	87.2	2.7	0.6
415	2/13/2015 23:46:13	12.78	40.40	25.81	7.89	7.87	4.7	2.651	87.5	3.0	0.7
416	2/14/2015 00:01:12	12.78	40.63	25.97	7.77	7.87	4.3	2.628	86.3	2.3	0.5
417	2/14/2015 00:16:12	12.79	40.79	26.09	7.53	7.86	3.5	2.627	83.6	3.1	0.7
418	2/14/2015 00:31:13	12.79	40.86	26.14	7.82	7.88	4.5	2.641	87.0	3.2	0.8
419	2/14/2015 00:46:12	12.79	40.94	26.19	7.91	7.89	4.5	2.638	88.0	2.8	0.7
420	2/14/2015 01:01:12	12.80	41.00	26.23	7.86	7.88	4.8	2.650	87.5	2.5	0.6
421	2/14/2015 01:16:12	12.80	40.78	26.08	7.86	7.88	5.1	2.679	87.4	2.8	0.7
422	2/14/2015 01:31:12	12.79	40.99	26.22	7.89	7.88	5.0	2.703	87.7	2.6	0.6
423	2/14/2015 01:46:12	12.80	40.97	26.21	7.92	7.89	5.0	2.745	88.1	2.7	0.6
424	2/14/2015 02:01:12	12.80	41.10	26.30	7.90	7.89	5.1	2.789	87.9	2.6	0.6
425	2/14/2015 02:16:12	12.79	40.98	26.22	7.89	7.88	6.1	2.819	87.8	2.6	0.6
426	2/14/2015 02:31:12	12.76	41.72	26.74	7.96	7.91	6.0	2.871	88.8	2.7	0.6
427	2/14/2015 02:46:12	12.77	41.47	26.56	7.96	7.90	5.9	2.916	88.7	2.9	0.7
428	2/14/2015 03:01:12	12.77	41.42	26.53	7.97	7.91	6.1	2.970	88.9	2.1	0.5
429	2/14/2015 03:16:12	12.76	41.58	26.65	7.99	7.91	5.6	3.022	89.1	2.6	0.6
430	2/14/2015 03:31:13	12.75	41.53	26.60	8.01	7.91	5.7	3.081	89.2	2.3	0.5
431	2/14/2015 03:46:12	12.73	41.87	26.84	8.06	7.92	6.5	3.144	89.9	2.6	0.6
432	2/14/2015 04:01:13	12.72	42.35	27.19	8.10	7.94	6.5	3.210	90.5	2.3	0.5
433	2/14/2015 04:16:13	12.71	42.36	27.19	8.15	7.94	7.4	3.281	91.1	2.2	0.5
434	2/14/2015 04:31:12	12.70	42.26	27.12	8.14	7.93	6.4	3.337	90.9	2.3	0.5
435	2/14/2015 04:46:12	12.70	42.49	27.29	8.15	7.94	6.7	3.427	91.1	2.1	0.5
436	2/14/2015 05:01:12	12.68	42.75	27.47	8.18	7.95	6.8	3.486	91.5	2.1	0.5
437	2/14/2015 05:16:13	12.67	43.11	27.73	8.20	7.96	7.0	3.543	91.9	1.5	0.4
438	2/14/2015 05:31:12	12.70	44.04	28.39	8.25	7.99	10.4	3.632	92.9	1.2	0.3
439	2/14/2015 05:46:12	12.70	44.27	28.56	8.31	8.00	10.2	3.693	93.7	1.9	0.4
440	2/14/2015 06:01:13	12.70	44.30	28.58	8.33	8.00	10.4	3.750	93.9	1.7	0.4
441	2/14/2015 06:16:12	12.69	44.18	28.49	8.30	8.00	8.4	3.797	93.5	1.5	0.4
442	2/14/2015 06:31:12	12.69	44.28	28.56	8.24	8.00	7.0	3.832	92.9	2.0	0.5
443	2/14/2015 06:46:12	12.70	44.58	28.78	8.35	8.01	8.1	3.856	94.2	1.6	0.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
444	2/14/2015 07:01:12	12.70	44.56	28.76	8.32	8.00	8.1	3.878	93.9	1.4	0.3
445	2/14/2015 07:16:12	12.71	44.51	28.73	8.35	8.01	9.8	3.869	94.3	1.6	0.4
446	2/14/2015 07:31:11	12.70	44.45	28.68	8.35	7.98	9.6	3.858	94.2	1.9	0.4
447	2/14/2015 07:46:12	12.70	44.46	28.69	8.38	8.00	8.7	3.830	94.5	1.6	0.4
448	2/14/2015 08:01:13	12.69	43.84	28.25	8.25	7.97	9.5	3.780	92.8	2.0	0.5
449	2/14/2015 08:16:12	12.66	42.61	27.37	8.07	7.93	7.3	3.730	90.2	1.9	0.4
450	2/14/2015 08:31:13	12.68	42.85	27.54	8.07	7.94	7.1	3.666	90.3	2.0	0.5
451	2/14/2015 08:46:12	12.67	42.56	27.34	8.05	7.93	6.8	3.577	89.9	1.5	0.4
452	2/14/2015 09:01:13	12.66	42.41	27.22	8.03	7.92	6.4	3.485	89.7	2.1	0.5
453	2/14/2015 09:16:13	12.67	42.63	27.38	8.15	7.94	6.1	3.398	91.1	1.8	0.4
454	2/14/2015 09:31:12	12.72	42.52	27.31	8.15	7.94	5.4	3.314	91.2	1.9	0.4
455	2/14/2015 09:46:12	12.76	42.28	27.14	8.18	7.93	5.3	3.217	91.5	1.7	0.4
456	2/14/2015 10:01:12	12.81	42.15	27.05	8.23	7.93	4.9	3.132	92.1	2.3	0.5
457	2/14/2015 10:16:11	12.86	42.12	27.03	8.22	7.93	5.2	3.037	92.1	1.8	0.4
458	2/14/2015 10:31:13	12.93	42.22	27.10	8.29	7.94	5.1	2.939	93.0	2.1	0.5
459	2/14/2015 10:46:12	12.98	41.76	26.78	8.35	7.93	4.7	2.833	93.6	2.2	0.5
460	2/14/2015 11:01:12	13.07	41.53	26.61	8.37	7.93	5.6	2.730	93.9	2.4	0.6
461	2/14/2015 11:16:12	13.20	41.29	26.45	8.78	7.94	4.9	2.637	98.7	2.5	0.6
462	2/14/2015 11:31:11	13.32	41.18	26.38	8.48	7.94	4.6	2.529	95.5	2.4	0.6
463	2/14/2015 11:46:11	13.51	41.15	26.36	8.91	7.97	4.6	2.409	100.7	2.5	0.6
464	2/14/2015 12:01:12	13.48	40.68	26.02	8.88	7.94	4.3	2.311	100.1	2.4	0.6
465	2/14/2015 12:16:13	13.86	41.04	26.29	9.18	7.99	4.5	2.198	104.4	2.5	0.6
466	2/14/2015 12:31:13	13.73	40.61	25.98	8.84	7.96	4.4	2.101	100.1	2.0	0.5
467	2/14/2015 12:46:12	14.02	40.60	25.98	9.23	8.00	4.7	1.997	105.2	2.9	0.7
468	2/14/2015 13:01:12	13.99	40.44	25.87	9.05	7.98	5.0	1.914	103.1	3.3	0.8
469	2/14/2015 13:16:12	14.02	40.31	25.78	8.98	7.97	5.1	1.852	102.3	3.2	0.7
470	2/14/2015 13:31:12	14.05	40.25	25.74	8.88	7.97	4.5	1.780	101.1	2.6	0.6
471	2/14/2015 13:46:12	13.86	40.04	25.58	8.68	7.95	4.3	1.752	98.4	2.8	0.7
472	2/14/2015 14:01:13	13.51	40.30	25.76	8.24	7.91	3.6	1.731	92.8	2.5	0.6
473	2/14/2015 14:16:12	14.23	40.34	25.80	8.92	7.97	4.5	1.741	102.0	2.9	0.7
474	2/14/2015 14:31:12	13.77	40.46	25.88	8.65	7.94	4.5	1.751	98.0	3.1	0.7
475	2/14/2015 14:46:12	14.02	40.43	25.86	8.70	7.94	4.2	1.781	99.1	3.4	0.8
476	2/14/2015 15:01:12	13.73	40.32	25.77	8.49	7.92	4.4	1.829	96.1	2.4	0.6
477	2/14/2015 15:16:12	13.67	40.36	25.80	8.48	7.92	4.2	1.891	95.8	2.6	0.6
478	2/14/2015 15:31:12	13.85	39.83	25.43	8.48	7.91	4.8	1.937	96.0	3.0	0.7
479	2/14/2015 15:46:12	13.72	39.83	25.43	8.39	7.90	5.6	2.000	94.7	2.8	0.7
480	2/14/2015 16:01:12	13.66	39.77	25.39	8.32	7.90	5.6	2.069	93.8	2.9	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	Fluorescence %FS
481	2/14/2015 16:16:12	13.60	40.02	25.56	8.28	7.89	5.6	2.140	93.3	2.5	0.6
482	2/14/2015 16:31:12	13.50	40.10	25.62	8.24	7.89	5.0	2.201	92.7	2.2	0.5
483	2/14/2015 16:46:12	13.41	40.09	25.60	8.17	7.89	5.6	2.270	91.7	2.4	0.6
484	2/14/2015 17:01:13	13.34	40.62	25.98	8.11	7.89	6.1	2.345	91.1	2.4	0.6
485	2/14/2015 17:16:12	13.29	40.81	26.11	8.10	7.89	6.5	2.412	91.0	2.6	0.6
486	2/14/2015 17:31:13	13.20	41.19	26.38	8.05	7.90	6.8	2.480	90.5	2.4	0.6
487	2/14/2015 17:46:12	13.14	41.41	26.53	8.04	7.90	7.5	2.550	90.3	2.6	0.6
488	2/14/2015 18:01:12	13.11	41.47	26.58	8.04	7.90	7.6	2.626	90.3	2.7	0.6
489	2/14/2015 18:16:12	13.08	41.60	26.67	8.03	7.90	8.4	2.695	90.1	2.7	0.6
490	2/14/2015 18:31:13	13.08	41.61	26.67	8.02	7.90	7.8	2.767	90.0	2.4	0.6
491	2/14/2015 18:46:12	13.02	41.90	26.87	8.05	7.91	10.7	2.846	90.3	2.7	0.6
492	2/14/2015 19:01:13	13.03	41.86	26.85	8.07	7.91	8.6	2.904	90.6	2.6	0.6
493	2/14/2015 19:16:13	13.07	41.99	26.94	8.10	7.92	10.2	2.971	91.0	2.6	0.6
494	2/14/2015 19:31:12	13.07	42.02	26.97	8.11	7.92	10.6	3.032	91.2	2.8	0.7
495	2/14/2015 19:46:13	13.03	42.16	27.06	8.11	7.93	10.4	3.092	91.1	2.5	0.6
496	2/14/2015 20:01:13	12.99	42.25	27.13	8.09	7.93	10.0	3.148	90.9	2.4	0.6
497	2/14/2015 20:16:12	12.93	42.63	27.39	8.06	7.93	10.8	3.192	90.6	2.3	0.5
498	2/14/2015 20:31:13	12.90	42.87	27.56	8.08	7.94	10.4	3.238	90.9	2.7	0.6
499	2/14/2015 20:46:13	12.90	42.48	27.28	8.02	7.93	6.5	3.268	90.0	2.2	0.5
500	2/14/2015 21:01:13	12.96	42.54	27.33	7.99	7.93	8.1	3.283	89.8	2.6	0.6
501	2/14/2015 21:16:12	12.91	42.94	27.61	8.02	7.94	10.3	3.276	90.3	2.0	0.5
502	2/14/2015 21:31:12	12.90	43.14	27.76	8.05	7.95	9.7	3.267	90.6	1.8	0.4
503	2/14/2015 21:46:12	12.96	42.19	27.08	8.01	7.91	8.1	3.236	90.0	2.7	0.6
504	2/14/2015 22:01:13	12.97	42.25	27.13	8.02	7.92	8.3	3.188	90.1	2.1	0.5
505	2/14/2015 22:16:13	13.01	41.68	26.72	7.97	7.91	8.8	3.144	89.4	2.1	0.5
506	2/14/2015 22:31:12	12.95	41.75	26.77	8.01	7.91	7.5	3.082	89.7	2.3	0.5
507	2/14/2015 22:46:11	12.93	41.91	26.88	8.01	7.91	7.5	3.023	89.8	2.3	0.5
508	2/14/2015 23:01:12	12.85	42.05	26.98	7.99	7.91	7.2	2.978	89.5	2.3	0.5
509	2/14/2015 23:16:12	12.86	41.82	26.82	7.99	7.90	7.5	2.906	89.3	2.1	0.5
510	2/14/2015 23:31:13	12.82	41.89	26.86	7.98	7.91	6.6	2.862	89.3	2.2	0.5
511	2/14/2015 23:46:12	12.84	41.50	26.58	7.97	7.90	5.9	2.807	88.9	2.4	0.6
512	2/15/2015 00:01:12	12.89	41.21	26.38	7.95	7.89	5.6	2.764	88.8	2.7	0.6
513	2/15/2015 00:16:12	12.87	41.14	26.33	7.95	7.89	5.7	2.718	88.6	2.5	0.6
514	2/15/2015 00:31:12	12.83	41.21	26.38	7.93	7.89	5.6	2.678	88.4	2.6	0.6
515	2/15/2015 00:46:12	12.84	41.07	26.28	7.90	7.88	5.4	2.648	88.0	2.9	0.7
516	2/15/2015 01:01:13	12.87	40.79	26.09	7.88	7.88	4.9	2.618	87.8	2.8	0.7
517	2/15/2015 01:16:12	12.89	40.75	26.06	7.88	7.88	4.8	2.592	87.8	2.8	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
518	2/15/2015 01:31:13	12.88	40.72	26.04	7.78	7.87	3.4	2.581	86.7	2.9	0.7
519	2/15/2015 01:46:12	12.92	41.33	26.47	7.85	7.88	5.2	2.574	87.7	1.9	0.5
520	2/15/2015 02:01:11	12.84	40.54	25.91	7.91	7.88	4.5	2.581	87.9	2.6	0.6
521	2/15/2015 02:16:13	12.79	40.52	25.89	7.92	7.87	4.3	2.587	88.0	2.7	0.6
522	2/15/2015 02:31:13	12.85	40.92	26.18	7.93	7.88	5.5	2.625	88.3	2.3	0.5
523	2/15/2015 02:46:13	12.93	41.15	26.34	7.95	7.89	6.1	2.661	88.8	2.1	0.5
524	2/15/2015 03:01:13	12.91	41.28	26.44	7.92	7.89	7.3	2.695	88.4	2.8	0.7
525	2/15/2015 03:16:12	12.86	41.12	26.32	7.93	7.88	6.8	2.742	88.4	2.3	0.5
526	2/15/2015 03:31:13	12.87	41.52	26.60	7.95	7.90	7.5	2.797	88.9	2.5	0.6
527	2/15/2015 03:46:12	12.88	41.52	26.60	7.96	7.90	7.6	2.856	88.9	2.1	0.5
528	2/15/2015 04:01:12	12.89	41.70	26.73	7.98	7.90	7.3	2.923	89.2	2.2	0.5
529	2/15/2015 04:16:12	12.80	41.92	26.89	8.03	7.91	6.7	2.993	89.7	2.3	0.5
530	2/15/2015 04:31:13	12.74	42.12	27.03	8.05	7.92	7.2	3.065	90.0	2.3	0.6
531	2/15/2015 04:46:13	12.78	42.46	27.27	8.09	7.93	7.8	3.137	90.5	2.5	0.6
532	2/15/2015 05:01:13	12.74	42.33	27.17	8.09	7.92	8.4	3.214	90.4	2.2	0.5
533	2/15/2015 05:16:13	12.82	42.60	27.37	8.11	7.93	9.4	3.286	90.9	2.1	0.5
534	2/15/2015 05:31:12	12.75	42.76	27.48	8.13	7.94	7.6	3.369	91.1	2.4	0.6
535	2/15/2015 05:46:12	12.67	43.20	27.79	8.17	7.95	7.6	3.444	91.5	2.3	0.5
536	2/15/2015 06:01:13	12.76	44.48	28.71	8.22	7.98	8.9	3.527	92.9	1.8	0.4
537	2/15/2015 06:16:12	12.71	44.69	28.85	8.22	7.99	8.3	3.589	92.9	1.5	0.3
538	2/15/2015 06:31:11	12.82	46.20	29.94	8.26	8.02	11.4	3.663	94.2	1.7	0.4
539	2/15/2015 06:46:12	12.81	46.49	30.15	8.29	8.03	13.7	3.735	94.6	1.6	0.4
540	2/15/2015 07:01:11	12.79	46.50	30.16	8.30	8.03	13.0	3.797	94.6	1.6	0.4
541	2/15/2015 07:16:12	12.74	46.38	30.07	8.33	8.03	11.2	3.855	94.9	1.4	0.3
542	2/15/2015 07:31:12	12.71	46.30	30.01	8.39	8.03	11.4	3.904	95.4	1.4	0.3
543	2/15/2015 07:46:13	12.70	46.31	30.01	8.37	8.03	10.7	3.936	95.2	1.8	0.4
544	2/15/2015 08:01:13	12.69	46.43	30.10	8.36	8.03	10.2	3.960	95.1	1.4	0.3
545	2/15/2015 08:16:13	12.70	46.15	29.90	8.27	8.03	9.0	3.969	93.9	1.2	0.3
546	2/15/2015 08:31:13	12.69	46.35	30.05	8.32	8.03	10.0	3.962	94.6	1.5	0.3
547	2/15/2015 08:46:12	12.72	46.40	30.08	8.31	8.03	9.5	3.927	94.6	1.5	0.3
548	2/15/2015 09:01:12	12.64	45.41	29.37	8.19	7.98	7.8	3.886	92.6	1.2	0.3
549	2/15/2015 09:16:13	12.71	46.28	30.00	8.29	8.02	10.7	3.813	94.2	1.0	0.2
550	2/15/2015 09:31:13	12.73	45.00	29.08	8.21	7.98	8.6	3.751	92.9	1.4	0.3
551	2/15/2015 09:46:12	12.67	43.20	27.79	8.16	7.95	7.0	3.658	91.5	1.5	0.4
552	2/15/2015 10:01:12	12.79	43.04	27.68	8.17	7.95	6.6	3.558	91.7	1.7	0.4
553	2/15/2015 10:16:12	12.85	43.16	27.77	8.22	7.95	6.2	3.459	92.4	1.3	0.3
554	2/15/2015 10:31:13	12.90	42.89	27.58	8.27	7.95	5.8	3.350	93.0	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	Fluorescence %FS
555	2/15/2015 10:46:13	12.99	43.17	27.78	8.28	7.96	5.7	3.240	93.4	1.9	0.4
556	2/15/2015 11:01:12	13.02	43.06	27.70	8.33	7.96	5.9	3.129	94.0	1.6	0.4
557	2/15/2015 11:16:12	13.07	42.90	27.59	8.32	7.96	5.7	3.018	93.9	1.7	0.4
558	2/15/2015 11:31:12	13.07	42.45	27.27	8.27	7.96	6.8	2.903	93.2	1.9	0.4
559	2/15/2015 11:46:12	13.26	42.25	27.13	8.52	7.96	5.2	2.781	96.3	1.6	0.4
560	2/15/2015 12:01:13	13.39	42.21	27.11	8.53	7.97	7.5	2.663	96.6	2.5	0.6
561	2/15/2015 12:16:13	13.67	42.24	27.14	8.88	8.00	5.6	2.545	101.2	2.7	0.6
562	2/15/2015 12:31:13	13.54	41.57	26.65	8.64	7.96	6.1	2.418	97.9	2.2	0.5
563	2/15/2015 12:46:12	13.82	41.70	26.75	8.89	7.99	6.0	2.278	101.4	2.6	0.6
564	2/15/2015 13:01:12	13.96	41.58	26.67	9.08	7.99	5.9	2.166	103.8	2.2	0.5
565	2/15/2015 13:16:12	13.87	41.09	26.32	8.88	7.98	6.2	2.032	101.1	2.5	0.6
566	2/15/2015 13:31:12	14.16	41.07	26.31	9.31	8.01	5.9	1.895	106.7	2.7	0.6
567	2/15/2015 13:46:12	14.04	40.85	26.16	9.03	7.99	5.6	1.806	103.1	3.0	0.7
568	2/15/2015 14:01:12	14.03	40.62	25.99	9.00	7.98	5.2	1.710	102.5	3.0	0.7
569	2/15/2015 14:16:12	14.13	40.54	25.94	9.05	7.99	5.2	1.606	103.4	2.7	0.6
570	2/15/2015 14:31:12	14.07	40.42	25.85	8.99	7.97	5.0	1.561	102.5	3.1	0.7
571	2/15/2015 14:46:12	14.18	40.41	25.85	9.00	7.98	6.4	1.535	102.8	3.3	0.8
572	2/15/2015 15:01:12	13.97	40.57	25.96	8.96	7.97	4.6	1.515	102.0	2.7	0.6
573	2/15/2015 15:16:11	13.97	40.48	25.89	8.86	7.96	5.7	1.518	100.8	3.2	0.7
574	2/15/2015 15:31:12	14.16	40.73	26.07	9.03	7.98	7.5	1.577	103.2	3.6	0.8
575	2/15/2015 15:46:12	14.06	40.71	26.06	8.88	7.96	8.0	1.629	101.3	3.0	0.7
576	2/15/2015 16:01:12	14.05	40.62	26.00	8.81	7.96	5.4	1.680	100.6	3.2	0.7
577	2/15/2015 16:16:12	13.99	40.53	25.93	8.75	7.95	5.6	1.767	99.6	2.8	0.7
578	2/15/2015 16:31:12	13.97	39.74	25.37	8.65	7.93	6.5	1.833	98.1	3.2	0.8
579	2/15/2015 16:46:12	13.86	40.11	25.63	8.59	7.93	6.1	1.923	97.3	3.4	0.8
580	2/15/2015 17:01:12	13.78	40.49	25.90	8.57	7.93	6.1	1.987	97.2	2.4	0.6
581	2/15/2015 17:16:12	13.77	40.28	25.75	8.54	7.93	6.4	2.065	96.7	2.4	0.6
582	2/15/2015 17:31:13	13.68	40.50	25.90	8.42	7.92	7.3	2.158	95.3	2.5	0.6
583	2/15/2015 17:46:12	13.57	41.06	26.30	8.30	7.92	7.9	2.244	93.9	3.1	0.7
584	2/15/2015 18:01:12	13.46	41.74	26.78	8.22	7.92	8.7	2.327	93.1	2.4	0.6
585	2/15/2015 18:16:12	13.39	42.00	26.96	8.17	7.92	10.3	2.419	92.5	2.6	0.6
586	2/15/2015 18:31:13	13.38	42.16	27.07	8.16	7.92	11.1	2.515	92.5	2.8	0.7
587	2/15/2015 18:46:12	13.37	42.18	27.09	8.19	7.92	12.9	2.601	92.7	2.2	0.5
588	2/15/2015 19:01:12	13.28	42.37	27.22	8.17	7.92	11.7	2.682	92.4	2.7	0.6
589	2/15/2015 19:16:12	13.23	42.68	27.44	8.13	7.93	12.4	2.768	91.9	2.6	0.6
590	2/15/2015 19:31:12	13.25	42.61	27.39	8.15	7.93	12.8	2.857	92.2	2.5	0.6
591	2/15/2015 19:46:12	13.22	42.84	27.55	8.17	7.94	18.9	2.934	92.5	2.8	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
592	2/15/2015 20:01:12	13.21	42.98	27.65	8.18	7.94	18.1	3.008	92.6	2.2	0.5
593	2/15/2015 20:16:13	13.15	43.08	27.72	8.17	7.94	14.8	3.092	92.4	2.8	0.7
594	2/15/2015 20:31:12	13.12	43.37	27.92	8.17	7.95	16.9	3.165	92.5	1.9	0.5
595	2/15/2015 20:46:12	13.08	44.27	28.57	8.21	7.97	24.0	3.232	93.3	2.5	0.6
596	2/15/2015 21:01:12	13.06	44.79	28.94	8.25	7.98	17.3	3.298	93.9	2.5	0.6
597	2/15/2015 21:16:13	13.04	45.06	29.13	8.27	7.99	14.9	3.354	94.2	2.3	0.5
598	2/15/2015 21:31:12	13.04	45.12	29.17	8.26	7.99	13.1	3.395	94.1	1.7	0.4
599	2/15/2015 21:46:12	13.04	45.13	29.18	8.17	7.99	9.8	3.416	93.1	2.4	0.6
600	2/15/2015 22:01:12	13.04	45.28	29.29	8.09	7.99	7.5	3.432	92.2	1.4	0.3
601	2/15/2015 22:16:12	13.04	45.24	29.26	8.19	7.99	10.7	3.423	93.4	1.9	0.4
602	2/15/2015 22:31:12	13.05	44.81	28.96	8.18	7.98	11.3	3.386	93.1	2.6	0.6
603	2/15/2015 22:46:12	13.05	44.26	28.56	8.11	7.97	10.1	3.351	92.1	1.8	0.4
604	2/15/2015 23:01:13	13.05	43.16	27.78	8.05	7.94	15.0	3.287	91.0	2.6	0.6
605	2/15/2015 23:16:13	12.99	43.69	28.15	8.09	7.95	10.2	3.228	91.5	2.2	0.5
606	2/15/2015 23:31:13	12.96	43.96	28.34	8.11	7.95	10.9	3.169	91.8	2.1	0.5
607	2/15/2015 23:46:13	12.98	43.69	28.15	8.11	7.95	10.1	3.071	91.7	2.1	0.5
608	2/16/2015 00:01:13	13.00	43.30	27.87	8.07	7.94	9.1	3.012	91.1	2.1	0.5
609	2/16/2015 00:16:12	13.02	42.95	27.63	8.02	7.93	8.6	2.940	90.5	2.8	0.7
610	2/16/2015 00:31:12	13.01	42.97	27.64	8.00	7.93	8.1	2.876	90.2	2.2	0.5
611	2/16/2015 00:46:11	13.05	42.55	27.34	8.02	7.92	8.1	2.799	90.3	2.4	0.6
612	2/16/2015 01:01:12	13.00	42.65	27.41	7.98	7.92	7.6	2.735	89.9	2.6	0.6
613	2/16/2015 01:16:12	13.11	41.92	26.89	8.02	7.91	6.7	2.690	90.2	2.8	0.7
614	2/16/2015 01:31:12	13.13	41.66	26.71	8.03	7.91	5.9	2.636	90.3	2.4	0.6
615	2/16/2015 01:46:12	13.07	41.87	26.86	7.99	7.91	6.4	2.577	89.8	2.8	0.7
616	2/16/2015 02:01:13	13.00	41.84	26.84	7.95	7.90	6.2	2.543	89.2	2.5	0.6
617	2/16/2015 02:16:12	13.11	41.56	26.64	8.01	7.91	5.6	2.514	90.0	3.1	0.7
618	2/16/2015 02:31:12	13.10	41.39	26.52	8.02	7.91	5.4	2.491	90.0	2.9	0.7
619	2/16/2015 02:46:13	13.05	41.76	26.78	7.80	7.90	5.0	2.471	87.6	2.8	0.7
620	2/16/2015 03:01:13	13.11	41.63	26.69	7.94	7.90	5.7	2.479	89.2	2.6	0.6
621	2/16/2015 03:16:12	12.99	41.29	26.44	8.04	7.90	5.5	2.493	89.9	3.1	0.7
622	2/16/2015 03:31:13	13.03	41.65	26.70	7.98	7.90	6.3	2.521	89.5	2.6	0.6
623	2/16/2015 03:46:13	13.07	41.97	26.93	7.97	7.90	7.3	2.561	89.5	2.9	0.7
624	2/16/2015 04:01:13	13.00	41.86	26.85	8.00	7.90	7.1	2.608	89.7	2.2	0.5
625	2/16/2015 04:16:12	13.05	42.17	27.07	7.98	7.91	7.9	2.677	89.7	2.3	0.5
626	2/16/2015 04:31:13	13.07	42.41	27.24	7.99	7.92	9.8	2.746	90.0	2.3	0.5
627	2/16/2015 04:46:12	13.01	42.83	27.53	8.00	7.92	9.5	2.813	90.1	2.3	0.5
628	2/16/2015 05:01:13	12.99	42.83	27.54	8.01	7.93	9.7	2.891	90.2	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	Fluorescence %FS
629	2/16/2015 05:16:13	12.93	43.18	27.78	8.04	7.94	9.2	2.966	90.6	2.4	0.6
630	2/16/2015 05:31:13	12.91	43.54	28.04	8.08	7.95	8.7	3.050	91.2	2.2	0.5
631	2/16/2015 05:46:13	12.89	43.72	28.17	8.10	7.95	9.2	3.123	91.4	2.1	0.5
632	2/16/2015 06:01:12	12.85	43.94	28.32	8.12	7.96	9.0	3.214	91.7	2.2	0.5
633	2/16/2015 06:16:11	12.91	45.03	29.10	8.11	7.98	10.3	3.299	92.1	1.5	0.4
634	2/16/2015 06:31:12	12.91	45.47	29.42	8.13	7.99	17.2	3.388	92.5	2.0	0.5
635	2/16/2015 06:46:13	12.88	45.50	29.44	8.14	7.99	22.1	3.486	92.6	1.9	0.5
636	2/16/2015 07:01:12	12.85	45.85	29.69	8.17	8.00	19.7	3.582	93.0	2.4	0.6
637	2/16/2015 07:16:12	12.78	45.90	29.73	8.19	8.00	21.2	3.671	93.1	1.8	0.4
638	2/16/2015 07:31:11	12.72	46.35	30.05	8.24	8.01	21.7	3.759	93.8	2.0	0.5
639	2/16/2015 07:46:13	12.70	46.57	30.20	8.24	8.01	16.7	3.848	93.8	1.4	0.3
640	2/16/2015 08:01:13	12.66	46.56	30.19	8.28	8.02	17.8	3.913	94.2	1.9	0.4
641	2/16/2015 08:16:13	12.65	47.12	30.60	8.30	8.03	15.8	3.984	94.7	1.7	0.4
642	2/16/2015 08:31:13	12.64	47.23	30.67	8.34	8.03	13.9	4.040	95.1	1.3	0.3
643	2/16/2015 08:46:12	12.64	47.18	30.64	8.32	8.03	11.9	4.075	94.8	1.4	0.3
644	2/16/2015 09:01:13	12.64	47.24	30.68	8.31	8.04	9.8	4.103	94.7	1.5	0.4
645	2/16/2015 09:16:12	12.64	47.22	30.67	8.21	8.03	7.4	4.114	93.6	1.2	0.3
646	2/16/2015 09:31:13	12.63	47.40	30.80	8.29	8.03	9.1	4.104	94.5	0.9	0.2
647	2/16/2015 09:46:13	12.78	46.15	29.90	8.21	8.01	11.2	4.067	93.4	1.6	0.4
648	2/16/2015 10:01:12	12.84	45.88	29.71	8.21	8.00	8.7	4.022	93.5	1.4	0.3
649	2/16/2015 10:16:12	12.94	45.14	29.18	8.19	7.98	8.4	3.944	93.2	1.2	0.3
650	2/16/2015 10:31:12	13.05	44.94	29.05	8.17	7.98	8.5	3.850	93.1	1.5	0.4
651	2/16/2015 10:46:13	13.09	44.80	28.94	8.19	7.98	8.0	3.753	93.2	1.2	0.3
652	2/16/2015 11:01:13	13.15	44.25	28.55	8.19	7.97	7.3	3.641	93.1	1.3	0.3
653	2/16/2015 11:16:13	13.19	44.04	28.41	8.23	7.97	7.0	3.514	93.6	1.2	0.3
654	2/16/2015 11:31:13	13.13	44.07	28.42	8.18	7.97	10.1	3.404	93.0	1.9	0.4
655	2/16/2015 11:46:12	13.09	44.13	28.46	8.11	7.96	13.3	3.272	92.0	2.5	0.6
656	2/16/2015 12:01:12	13.09	43.89	28.30	8.11	7.96	12.5	3.148	92.0	2.1	0.5
657	2/16/2015 12:16:13	13.22	43.47	28.00	8.12	7.95	11.7	3.014	92.2	2.0	0.5
658	2/16/2015 12:31:13	13.55	42.92	27.61	8.44	7.97	7.9	2.883	96.2	2.1	0.5
659	2/16/2015 12:46:11	13.59	42.83	27.55	8.50	7.97	8.5	2.758	97.0	1.7	0.4
660	2/16/2015 13:01:12	13.71	43.11	27.76	8.74	7.98	8.1	2.621	100.1	2.2	0.5
661	2/16/2015 13:16:13	13.70	42.75	27.50	8.59	7.97	10.0	2.470	98.2	2.2	0.5
662	2/16/2015 13:31:12	13.91	42.88	27.59	8.92	7.99	6.9	2.336	102.5	2.4	0.6
663	2/16/2015 13:46:13	13.94	42.27	27.16	8.83	7.99	8.2	2.175	101.2	2.5	0.6
664	2/16/2015 14:01:12	13.99	41.99	26.97	9.05	8.00	7.6	2.049	103.7	2.4	0.6
665	2/16/2015 14:16:12	14.05	41.97	26.95	8.98	8.00	7.6	1.907	103.1	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	Fluorescence %FS
666	2/16/2015 14:31:12	14.21	41.90	26.90	9.09	8.01	8.1	1.770	104.6	2.5	0.6
667	2/16/2015 14:46:12	14.15	41.41	26.56	9.03	7.99	15.7	1.648	103.6	3.2	0.7
668	2/16/2015 15:01:12	14.20	41.36	26.52	9.07	7.99	10.0	1.531	104.1	2.8	0.7
669	2/16/2015 15:16:12	14.25	41.26	26.45	9.12	8.00	10.3	1.453	104.8	3.2	0.8
670	2/16/2015 15:31:12	14.30	41.04	26.29	9.17	8.00	9.5	1.378	105.3	2.8	0.7
671	2/16/2015 15:46:12	14.41	41.15	26.38	9.22	8.01	12.2	1.344	106.2	3.0	0.7
672	2/16/2015 16:01:12	14.31	41.28	26.47	9.15	8.00	10.0	1.374	105.2	2.9	0.7
673	2/16/2015 16:16:13	14.25	41.27	26.46	9.05	7.99	11.9	1.403	104.0	2.8	0.7
674	2/16/2015 16:31:13	14.16	41.39	26.55	9.00	7.98	10.5	1.477	103.3	2.9	0.7
675	2/16/2015 16:46:12	14.14	41.27	26.46	9.02	7.99	7.8	1.554	103.4	3.3	0.8
676	2/16/2015 17:01:12	14.10	41.17	26.39	8.90	7.98	8.6	1.643	101.9	2.7	0.6
677	2/16/2015 17:16:12	14.07	41.05	26.30	8.84	7.97	8.9	1.740	101.0	3.3	0.8
678	2/16/2015 17:31:13	14.04	41.01	26.27	8.74	7.97	10.0	1.816	99.9	3.2	0.7
679	2/16/2015 17:46:12	14.02	41.10	26.34	8.73	7.96	8.8	1.908	99.7	3.0	0.7
680	2/16/2015 18:01:12	13.97	41.36	26.52	8.69	7.96	9.1	2.006	99.2	2.8	0.7
681	2/16/2015 18:16:11	13.80	42.03	26.99	8.50	7.95	11.0	2.095	97.0	3.0	0.7
682	2/16/2015 18:31:13	13.73	42.37	27.23	8.42	7.95	10.7	2.184	96.1	2.9	0.7
683	2/16/2015 18:46:12	13.67	42.50	27.32	8.36	7.95	11.0	2.287	95.4	2.8	0.7
684	2/16/2015 19:01:11	13.61	42.76	27.50	8.29	7.94	11.9	2.383	94.6	2.4	0.6
685	2/16/2015 19:16:12	13.57	43.09	27.74	8.25	7.94	12.5	2.489	94.2	3.1	0.7
686	2/16/2015 19:31:12	13.56	43.00	27.67	8.25	7.94	12.9	2.587	94.1	2.8	0.7
687	2/16/2015 19:46:13	13.53	43.25	27.85	8.23	7.94	13.7	2.677	93.9	2.5	0.6
688	2/16/2015 20:01:13	13.49	43.38	27.94	8.20	7.94	15.6	2.779	93.6	2.7	0.6
689	2/16/2015 20:16:13	13.46	43.40	27.96	8.19	7.94	18.4	2.874	93.4	2.2	0.5
690	2/16/2015 20:31:12	13.41	43.57	28.08	8.20	7.95	23.6	2.954	93.4	2.7	0.6
691	2/16/2015 20:46:12	13.37	43.69	28.16	8.18	7.95	23.0	3.048	93.3	2.5	0.6
692	2/16/2015 21:01:12	13.29	44.50	28.74	8.21	7.97	21.6	3.142	93.8	2.6	0.6
693	2/16/2015 21:16:13	13.22	45.05	29.13	8.26	7.98	25.5	3.225	94.4	2.2	0.5
694	2/16/2015 21:31:13	13.19	45.41	29.39	8.30	8.00	20.7	3.309	95.0	2.2	0.5
695	2/16/2015 21:46:13	13.17	45.56	29.50	8.32	8.00	20.2	3.392	95.2	2.3	0.5
696	2/16/2015 22:01:13	13.15	45.78	29.65	8.32	8.01	20.8	3.457	95.3	2.4	0.6
697	2/16/2015 22:16:13	13.13	45.89	29.73	8.31	8.01	16.2	3.514	95.2	1.9	0.4
698	2/16/2015 22:31:12	13.12	45.96	29.78	8.31	8.01	13.3	3.551	95.2	2.0	0.5
699	2/16/2015 22:46:13	13.12	45.74	29.62	8.23	8.01	9.5	3.571	94.2	1.9	0.4
700	2/16/2015 23:01:13	13.13	45.86	29.71	8.19	8.00	10.1	3.592	93.8	1.9	0.4
701	2/16/2015 23:16:12	13.12	45.95	29.77	8.24	8.01	13.0	3.557	94.4	1.8	0.4
702	2/16/2015 23:31:12	13.21	45.10	29.16	8.19	7.98	13.5	3.502	93.6	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	Fluorescence %FS
703	2/16/2015 23:46:13	13.18	45.25	29.27	8.18	7.99	11.8	3.454	93.5	2.1	0.5
704	2/17/2015 00:01:13	13.27	44.57	28.79	8.03	7.96	11.0	3.379	91.7	2.2	0.5
705	2/17/2015 00:16:13	13.26	44.63	28.83	8.09	7.96	10.4	3.277	92.4	1.8	0.4
706	2/17/2015 00:31:13	13.29	44.34	28.62	8.07	7.96	10.2	3.179	92.0	2.1	0.5
707	2/17/2015 00:46:12	13.28	44.23	28.55	8.04	7.95	9.2	3.091	91.7	2.1	0.5
708	2/17/2015 01:01:12	13.31	44.19	28.51	8.01	7.95	9.0	3.004	91.4	2.1	0.5
709	2/17/2015 01:16:12	13.31	44.17	28.50	8.01	7.95	9.0	2.911	91.4	2.1	0.5
710	2/17/2015 01:31:12	13.41	43.30	27.89	8.03	7.94	8.4	2.828	91.5	1.9	0.5
711	2/17/2015 01:46:11	13.38	43.46	28.00	8.02	7.94	8.4	2.746	91.3	1.9	0.4
712	2/17/2015 02:01:11	13.36	43.47	28.01	8.01	7.93	7.8	2.679	91.2	2.0	0.5
713	2/17/2015 02:16:11	13.46	42.96	27.64	8.03	7.93	7.2	2.594	91.4	2.3	0.5
714	2/17/2015 02:31:11	13.44	42.94	27.63	7.99	7.93	7.4	2.522	90.9	2.7	0.6
715	2/17/2015 02:46:13	13.44	42.79	27.52	7.93	7.92	6.8	2.474	90.2	2.7	0.6
716	2/17/2015 03:01:13	13.54	42.23	27.12	8.01	7.93	6.2	2.409	91.0	2.5	0.6
717	2/17/2015 03:16:12	13.53	42.32	27.19	8.03	7.93	6.1	2.357	91.3	2.9	0.7
718	2/17/2015 03:31:12	13.58	42.20	27.10	7.99	7.92	5.8	2.333	90.9	2.6	0.6
719	2/17/2015 03:46:12	13.61	42.06	27.00	7.81	7.91	5.0	2.316	88.8	3.2	0.7
720	2/17/2015 04:01:12	13.55	42.33	27.20	7.96	7.92	6.0	2.319	90.5	2.3	0.5
721	2/17/2015 04:16:11	13.53	42.44	27.28	7.95	7.92	6.4	2.342	90.5	2.7	0.6
722	2/17/2015 04:31:12	13.53	42.33	27.19	8.01	7.92	6.4	2.382	91.0	2.4	0.6
723	2/17/2015 04:46:13	13.51	42.52	27.33	7.99	7.92	7.1	2.442	90.9	2.4	0.6
724	2/17/2015 05:01:12	13.51	42.21	27.11	8.05	7.92	7.9	2.506	91.4	2.5	0.6
725	2/17/2015 05:16:13	13.49	42.30	27.17	8.03	7.92	8.3	2.582	91.2	2.6	0.6
726	2/17/2015 05:31:12	13.48	42.57	27.36	8.02	7.92	9.5	2.671	91.1	2.7	0.6
727	2/17/2015 05:46:12	13.42	42.90	27.60	8.01	7.93	9.8	2.749	91.1	1.8	0.4
728	2/17/2015 06:01:13	13.34	43.61	28.11	8.03	7.94	10.2	2.832	91.4	2.1	0.5
729	2/17/2015 06:16:12	13.34	43.48	28.01	8.05	7.94	10.8	2.917	91.7	2.1	0.5
730	2/17/2015 06:31:12	13.30	44.12	28.46	8.07	7.95	10.9	2.999	92.0	2.0	0.5
731	2/17/2015 06:46:13	13.27	44.25	28.56	8.09	7.95	10.4	3.089	92.3	2.0	0.5
732	2/17/2015 07:01:13	13.25	44.53	28.76	8.11	7.96	12.2	3.178	92.5	2.1	0.5
733	2/17/2015 07:16:13	13.19	44.91	29.03	8.12	7.97	15.0	3.275	92.8	2.6	0.6
734	2/17/2015 07:31:12	13.15	45.14	29.19	8.15	7.98	16.9	3.388	93.1	2.0	0.5
735	2/17/2015 07:46:12	13.09	45.40	29.37	8.18	7.99	15.1	3.492	93.4	2.0	0.5
736	2/17/2015 08:01:13	13.02	45.71	29.60	8.23	8.00	15.0	3.596	93.9	1.6	0.4
737	2/17/2015 08:16:12	12.96	46.02	29.82	8.27	8.01	16.3	3.699	94.4	1.8	0.4
738	2/17/2015 08:31:11	12.92	46.14	29.90	8.30	8.02	17.0	3.801	94.7	1.4	0.3
739	2/17/2015 08:46:12	12.88	46.52	30.17	8.34	8.03	15.3	3.895	95.3	2.0	0.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
740	2/17/2015 09:01:13	12.83	46.72	30.32	8.36	8.03	16.1	3.977	95.5	1.9	0.5
741	2/17/2015 09:16:12	12.79	46.87	30.43	8.41	8.04	12.4	4.056	96.0	1.7	0.4
742	2/17/2015 09:31:12	12.76	47.06	30.56	8.39	8.04	12.5	4.116	95.8	1.1	0.3
743	2/17/2015 09:46:12	12.73	47.08	30.57	8.37	8.05	11.5	4.157	95.6	1.3	0.3
744	2/17/2015 10:01:12	12.71	47.33	30.75	8.34	8.05	10.7	4.186	95.3	1.5	0.4
745	2/17/2015 10:16:11	12.71	47.38	30.79	8.23	8.04	8.3	4.190	94.0	1.2	0.3
746	2/17/2015 10:31:11	12.72	47.32	30.75	8.30	8.04	10.1	4.181	94.8	1.3	0.3
747	2/17/2015 10:46:12	12.72	47.35	30.77	8.29	8.04	11.5	4.138	94.8	1.3	0.3
748	2/17/2015 11:01:12	13.00	46.12	29.89	8.27	8.01	8.9	4.064	94.6	1.4	0.3
749	2/17/2015 11:16:12	13.07	45.95	29.77	8.26	8.01	9.2	3.980	94.6	1.9	0.5
750	2/17/2015 11:31:12	13.11	45.71	29.60	8.27	8.00	8.6	3.871	94.6	1.5	0.3
751	2/17/2015 11:46:11	13.14	45.55	29.48	8.27	8.00	9.2	3.753	94.6	1.8	0.4
752	2/17/2015 12:01:13	13.19	45.18	29.22	8.21	7.99	8.7	3.626	93.9	2.3	0.5
753	2/17/2015 12:16:13	13.30	44.47	28.72	8.18	7.97	8.9	3.486	93.4	2.1	0.5
754	2/17/2015 12:31:12	13.38	44.12	28.46	8.14	7.96	8.3	3.360	92.9	2.3	0.6
755	2/17/2015 12:46:12	13.42	43.95	28.35	8.11	7.96	10.1	3.228	92.6	2.2	0.5
756	2/17/2015 13:01:12	13.51	43.67	28.15	8.22	7.96	7.8	3.076	94.0	2.5	0.6
757	2/17/2015 13:16:12	13.53	43.80	28.24	8.29	7.97	6.7	2.940	94.9	2.4	0.6
758	2/17/2015 13:31:12	13.55	43.76	28.22	8.34	7.97	7.4	2.800	95.4	2.5	0.6
759	2/17/2015 13:46:13	13.59	43.80	28.25	8.37	7.98	8.1	2.664	95.8	2.3	0.5
760	2/17/2015 14:01:13	13.63	43.53	28.06	8.46	7.98	8.9	2.510	96.9	2.3	0.5
761	2/17/2015 14:16:13	13.66	43.29	27.89	8.58	7.97	9.6	2.356	98.2	2.5	0.6
762	2/17/2015 14:31:12	13.70	43.17	27.80	8.52	7.97	9.5	2.189	97.6	2.9	0.7
763	2/17/2015 14:46:12	13.75	42.96	27.65	8.58	7.97	10.7	2.050	98.3	2.6	0.6
764	2/17/2015 15:01:13	13.82	42.76	27.51	8.71	7.98	9.6	1.892	99.8	2.5	0.6
765	2/17/2015 15:16:13	13.86	42.36	27.23	8.56	7.96	9.3	1.732	97.9	2.5	0.6
766	2/17/2015 15:31:13	13.90	42.21	27.12	8.53	7.97	9.7	1.591	97.7	3.0	0.7
767	2/17/2015 15:46:12	13.96	42.09	27.04	8.64	7.98	9.1	1.465	99.0	3.2	0.8
768	2/17/2015 16:01:12	14.01	41.80	26.83	8.75	7.99	13.0	1.341	100.2	3.7	0.9
769	2/17/2015 16:16:12	14.05	41.76	26.80	8.83	8.00	8.9	1.273	101.2	3.5	0.8
770	2/17/2015 16:31:12	14.02	41.87	26.88	8.71	7.98	11.5	1.222	99.8	4.2	1.0
771	2/17/2015 16:46:12	14.03	41.87	26.88	8.79	7.99	9.3	1.257	100.7	3.5	0.8
772	2/17/2015 17:01:12	13.98	41.91	26.90	8.67	7.98	8.3	1.321	99.3	3.3	0.8
773	2/17/2015 17:16:12	13.96	41.93	26.92	8.63	7.97	7.5	1.402	98.8	3.8	0.9
774	2/17/2015 17:31:12	13.94	41.94	26.93	8.59	7.97	7.8	1.506	98.3	3.1	0.7
775	2/17/2015 17:46:12	13.92	41.73	26.78	8.48	7.95	9.2	1.583	97.0	3.8	0.9
776	2/17/2015 18:01:12	13.92	41.69	26.75	8.44	7.95	9.1	1.688	96.5	3.9	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
777	2/17/2015 18:16:11	13.91	41.47	26.59	8.39	7.94	10.1	1.778	95.7	4.0	0.9
778	2/17/2015 18:31:11	13.90	41.52	26.63	8.37	7.94	10.6	1.873	95.5	3.7	0.9
779	2/17/2015 18:46:12	13.87	41.84	26.86	8.33	7.94	10.8	1.966	95.2	3.5	0.8
780	2/17/2015 19:01:12	13.79	42.23	27.13	8.25	7.94	10.3	2.061	94.3	3.5	0.8
781	2/17/2015 19:16:12	13.78	42.37	27.23	8.24	7.94	10.0	2.167	94.2	3.6	0.8
782	2/17/2015 19:31:12	13.69	42.68	27.45	8.18	7.93	11.0	2.273	93.5	3.1	0.7
783	2/17/2015 19:46:12	13.62	42.97	27.65	8.13	7.93	10.9	2.388	92.9	2.9	0.7
784	2/17/2015 20:01:12	13.59	43.33	27.91	8.09	7.93	12.7	2.497	92.5	2.8	0.6
785	2/17/2015 20:16:13	13.54	43.57	28.08	8.10	7.94	15.0	2.603	92.6	2.8	0.6
786	2/17/2015 20:31:13	13.50	43.84	28.27	8.14	7.94	14.3	2.723	93.1	3.0	0.7
787	2/17/2015 20:46:13	13.46	43.94	28.34	8.14	7.95	18.0	2.828	93.0	2.6	0.6
788	2/17/2015 21:01:13	13.43	44.08	28.44	8.13	7.95	22.4	2.930	92.9	2.9	0.7
789	2/17/2015 21:16:13	13.38	44.26	28.57	8.16	7.95	25.3	3.040	93.2	3.1	0.7
790	2/17/2015 21:31:13	13.33	44.62	28.82	8.17	7.96	27.2	3.142	93.5	2.6	0.6
791	2/17/2015 21:46:13	13.18	45.23	29.26	8.27	7.99	27.5	3.242	94.5	2.7	0.6
792	2/17/2015 22:01:12	13.13	45.76	29.64	8.28	8.00	25.3	3.342	94.7	2.8	0.7
793	2/17/2015 22:16:12	13.08	45.97	29.78	8.29	8.01	25.7	3.439	94.9	2.4	0.6
794	2/17/2015 22:31:12	13.03	45.95	29.77	8.34	8.02	23.6	3.545	95.3	2.8	0.7
795	2/17/2015 22:46:13	12.99	46.37	30.07	8.41	8.03	20.8	3.615	96.2	2.4	0.6
796	2/17/2015 23:01:13	12.97	46.42	30.10	8.42	8.03	15.9	3.679	96.3	2.0	0.5
797	2/17/2015 23:16:13	12.96	46.39	30.08	8.41	8.03	13.3	3.732	96.2	1.8	0.4
798	2/17/2015 23:31:12	12.97	46.46	30.14	8.36	8.03	10.8	3.762	95.7	2.1	0.5
799	2/17/2015 23:46:12	13.06	45.93	29.75	8.22	8.01	12.2	3.761	94.0	2.3	0.6
800	2/18/2015 00:01:12	12.99	46.36	30.06	8.33	8.03	14.5	3.725	95.3	2.1	0.5
801	2/18/2015 00:16:13	13.02	46.31	30.03	8.25	8.01	13.5	3.684	94.5	2.1	0.5
802	2/18/2015 00:31:12	13.17	45.14	29.19	8.10	7.98	11.1	3.609	92.5	2.5	0.6
803	2/18/2015 00:46:11	13.19	45.10	29.17	8.12	7.98	12.6	3.507	92.7	2.4	0.6
804	2/18/2015 01:01:13	13.23	44.84	28.98	8.08	7.97	12.2	3.394	92.3	2.1	0.5
805	2/18/2015 01:16:12	13.26	44.64	28.84	8.02	7.96	16.1	3.293	91.6	2.5	0.6
806	2/18/2015 01:31:12	13.25	44.77	28.93	7.97	7.96	10.5	3.188	91.1	2.6	0.6
807	2/18/2015 01:46:12	13.27	44.57	28.79	7.96	7.95	9.8	3.080	90.9	2.2	0.5
808	2/18/2015 02:01:12	13.29	44.35	28.63	7.98	7.95	9.9	2.983	91.0	2.0	0.5
809	2/18/2015 02:16:12	13.31	44.28	28.58	8.01	7.95	10.4	2.880	91.4	2.3	0.5
810	2/18/2015 02:31:12	13.41	43.78	28.22	8.02	7.94	11.4	2.791	91.5	2.9	0.7
811	2/18/2015 02:46:13	13.35	44.15	28.49	7.96	7.94	9.1	2.698	90.9	2.5	0.6
812	2/18/2015 03:01:12	13.37	43.93	28.33	7.95	7.93	8.6	2.608	90.7	2.5	0.6
813	2/18/2015 03:16:12	13.36	43.82	28.25	7.91	7.93	8.1	2.522	90.2	2.5	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
814	2/18/2015 03:31:12	13.49	43.06	27.72	7.90	7.92	8.1	2.433	90.1	2.7	0.6
815	2/18/2015 03:46:12	13.45	43.08	27.73	7.87	7.92	7.4	2.355	89.7	2.6	0.6
816	2/18/2015 04:01:12	13.49	42.85	27.56	7.89	7.92	7.3	2.278	89.9	2.7	0.6
817	2/18/2015 04:16:12	13.52	42.68	27.44	7.89	7.91	7.2	2.220	89.8	2.6	0.6
818	2/18/2015 04:31:12	13.55	42.60	27.39	7.85	7.91	7.6	2.188	89.4	3.2	0.7
819	2/18/2015 04:46:13	13.54	42.53	27.34	7.70	7.90	6.1	2.169	87.6	2.0	0.5
820	2/18/2015 05:01:13	13.54	42.89	27.59	7.80	7.91	6.9	2.185	89.0	2.6	0.6
821	2/18/2015 05:16:12	13.53	42.86	27.57	7.84	7.91	8.1	2.206	89.3	2.4	0.6
822	2/18/2015 05:31:12	13.52	42.87	27.58	7.86	7.91	7.7	2.255	89.5	2.2	0.5
823	2/18/2015 05:46:12	13.51	42.92	27.62	7.86	7.91	8.0	2.320	89.6	2.4	0.6
824	2/18/2015 06:01:12	13.49	42.28	27.16	7.92	7.91	11.2	2.417	90.0	3.1	0.7
825	2/18/2015 06:16:12	13.47	42.62	27.40	7.93	7.91	9.7	2.502	90.1	2.8	0.7
826	2/18/2015 06:31:12	13.48	43.00	27.67	7.91	7.91	9.5	2.594	90.1	2.7	0.6
827	2/18/2015 06:46:12	13.42	43.58	28.08	7.92	7.93	10.5	2.684	90.4	2.8	0.7
828	2/18/2015 07:01:13	13.37	43.99	28.37	7.95	7.94	10.3	2.772	90.7	1.9	0.4
829	2/18/2015 07:16:13	13.32	44.13	28.48	8.02	7.95	11.4	2.859	91.5	2.3	0.5
830	2/18/2015 07:31:12	13.30	44.45	28.70	8.02	7.95	10.8	2.948	91.6	1.9	0.5
831	2/18/2015 07:46:12	13.29	44.48	28.72	8.02	7.95	11.1	3.052	91.6	1.9	0.4
832	2/18/2015 08:01:12	13.27	44.65	28.84	8.04	7.96	13.3	3.146	91.8	2.3	0.5
833	2/18/2015 08:16:12	13.22	44.97	29.07	8.05	7.97	16.0	3.248	92.0	2.1	0.5
834	2/18/2015 08:31:13	13.18	45.16	29.20	8.08	7.97	19.9	3.349	92.3	2.0	0.5
835	2/18/2015 08:46:13	13.10	45.45	29.41	8.15	7.99	19.4	3.459	93.1	2.0	0.5
836	2/18/2015 09:01:13	13.06	45.77	29.64	8.20	8.00	17.8	3.579	93.7	1.8	0.4
837	2/18/2015 09:16:13	13.01	46.03	29.83	8.26	8.01	21.9	3.683	94.5	2.5	0.6
838	2/18/2015 09:31:12	12.93	46.32	30.03	8.35	8.03	20.9	3.787	95.5	2.3	0.5
839	2/18/2015 09:46:12	12.90	46.58	30.22	8.38	8.04	19.6	3.892	95.8	1.8	0.4
840	2/18/2015 10:01:13	12.88	46.76	30.35	8.42	8.04	20.9	3.985	96.3	1.5	0.4
841	2/18/2015 10:16:13	12.86	46.96	30.49	8.44	8.05	19.8	4.066	96.6	2.0	0.5
842	2/18/2015 10:31:13	12.86	47.17	30.64	8.48	8.05	15.9	4.134	97.2	1.6	0.4
843	2/18/2015 10:46:12	12.86	47.28	30.72	8.48	8.06	13.3	4.192	97.2	1.6	0.4
844	2/18/2015 11:01:12	12.86	47.18	30.65	8.48	8.06	9.2	4.221	97.2	1.8	0.4
845	2/18/2015 11:16:12	12.86	47.28	30.72	8.36	8.05	7.6	4.235	95.8	1.7	0.4
846	2/18/2015 11:31:12	12.88	47.08	30.58	8.40	8.05	10.3	4.213	96.2	1.3	0.3
847	2/18/2015 11:46:12	12.87	47.13	30.61	8.42	8.05	12.3	4.151	96.5	1.6	0.4
848	2/18/2015 12:01:13	12.91	46.90	30.45	8.45	8.05	12.3	4.079	96.7	2.0	0.5
849	2/18/2015 12:16:14	12.96	46.78	30.37	8.40	8.04	12.5	3.987	96.2	1.3	0.3
850	2/18/2015 12:31:13	13.10	46.01	29.82	8.32	8.02	9.5	3.849	95.3	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	Fluorescence %FS
851	2/18/2015 12:46:13	13.13	45.85	29.70	8.27	8.01	9.5	3.718	94.7	2.0	0.5
852	2/18/2015 13:01:13	13.20	45.53	29.47	8.25	8.00	10.1	3.592	94.5	2.3	0.5
853	2/18/2015 13:16:13	13.25	45.45	29.42	8.24	8.00	8.9	3.453	94.4	2.1	0.5
854	2/18/2015 13:31:13	13.30	45.17	29.22	8.23	7.99	8.2	3.305	94.3	2.2	0.5
855	2/18/2015 13:46:13	13.29	45.19	29.23	8.24	7.99	8.9	3.166	94.4	2.1	0.5
856	2/18/2015 14:01:13	13.38	44.87	29.01	8.22	7.98	8.7	3.019	94.2	2.6	0.6
857	2/18/2015 14:16:12	13.43	44.29	28.59	8.21	7.97	8.9	2.870	94.0	2.3	0.5
858	2/18/2015 14:31:12	13.48	44.31	28.61	8.21	7.96	9.9	2.731	94.0	2.5	0.6
859	2/18/2015 14:46:13	13.49	44.21	28.54	8.17	7.96	10.9	2.563	93.6	2.8	0.7
860	2/18/2015 15:01:12	13.51	43.89	28.31	8.20	7.95	10.8	2.400	93.8	2.7	0.6
861	2/18/2015 15:16:13	13.55	43.78	28.23	8.21	7.95	12.3	2.242	94.0	2.8	0.7
862	2/18/2015 15:31:12	13.60	43.52	28.04	8.35	7.96	14.1	2.075	95.5	3.4	0.8
863	2/18/2015 15:46:13	13.63	43.40	27.96	8.45	7.97	13.7	1.921	96.7	2.8	0.7
864	2/18/2015 16:01:12	13.64	43.26	27.86	8.23	7.94	13.7	1.765	94.2	3.4	0.8
865	2/18/2015 16:16:12	13.65	43.21	27.83	8.21	7.94	15.1	1.598	93.9	3.4	0.8
866	2/18/2015 16:31:13	13.69	42.89	27.60	8.21	7.93	15.3	1.458	93.8	3.8	0.9
867	2/18/2015 16:46:12	13.69	42.80	27.54	8.23	7.93	15.1	1.337	94.0	3.2	0.8
868	2/18/2015 17:01:12	13.73	42.47	27.30	8.37	7.95	15.0	1.241	95.6	4.1	1.0
869	2/18/2015 17:16:13	13.72	42.42	27.27	8.34	7.95	13.9	1.190	95.2	3.9	0.9
870	2/18/2015 17:31:13	13.71	42.55	27.35	8.34	7.94	10.8	1.216	95.3	3.8	0.9
871	2/18/2015 17:46:13	13.70	42.48	27.31	8.30	7.94	11.2	1.285	94.7	3.6	0.8
872	2/18/2015 18:01:13	13.71	42.57	27.37	8.25	7.93	11.3	1.393	94.3	4.0	0.9
873	2/18/2015 18:16:13	13.70	42.58	27.37	8.24	7.93	10.5	1.501	94.1	3.8	0.9
874	2/18/2015 18:31:13	13.69	42.27	27.16	8.18	7.92	12.0	1.602	93.3	3.9	0.9
875	2/18/2015 18:46:13	13.69	42.24	27.13	8.16	7.92	11.4	1.706	93.1	4.1	1.0
876	2/18/2015 19:01:13	13.69	42.20	27.11	8.12	7.91	12.0	1.798	92.5	4.0	1.0
877	2/18/2015 19:16:13	13.69	42.09	27.03	8.11	7.91	13.0	1.891	92.4	3.7	0.9
878	2/18/2015 19:31:12	13.68	42.44	27.28	8.10	7.91	11.0	1.998	92.4	4.1	1.0
879	2/18/2015 19:46:12	13.61	43.07	27.73	8.04	7.92	13.7	2.105	91.9	3.4	0.8
880	2/18/2015 20:01:12	13.60	43.15	27.78	8.04	7.92	10.6	2.209	91.9	2.9	0.7
881	2/18/2015 20:16:12	13.52	43.25	27.85	8.04	7.92	13.4	2.331	91.7	3.4	0.8
882	2/18/2015 20:31:13	13.47	43.72	28.18	8.01	7.93	13.3	2.445	91.5	3.5	0.8
883	2/18/2015 20:46:12	13.45	44.00	28.38	8.02	7.93	13.7	2.566	91.7	2.8	0.7
884	2/18/2015 21:01:12	13.43	43.99	28.38	8.04	7.93	15.5	2.683	91.9	2.7	0.6
885	2/18/2015 21:16:13	13.40	44.19	28.52	8.06	7.94	18.4	2.796	92.1	3.3	0.8
886	2/18/2015 21:31:12	13.37	44.32	28.61	8.06	7.94	21.1	2.912	92.2	3.1	0.7
887	2/18/2015 21:46:11	13.32	44.34	28.62	8.13	7.95	26.9	3.026	92.8	2.9	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
888	2/18/2015 22:01:12	13.28	44.79	28.94	8.16	7.96	30.6	3.127	93.3	2.8	0.7
889	2/18/2015 22:16:12	13.14	45.64	29.55	8.32	8.00	27.7	3.244	95.2	3.1	0.7
890	2/18/2015 22:31:12	13.12	45.74	29.62	8.34	8.00	29.4	3.362	95.4	3.2	0.8
891	2/18/2015 22:46:12	13.11	45.93	29.76	8.36	8.01	36.0	3.459	95.7	3.1	0.7
892	2/18/2015 23:01:12	13.08	46.16	29.92	8.46	8.02	38.7	3.569	96.9	3.3	0.8
893	2/18/2015 23:16:12	13.04	46.31	30.03	8.60	8.04	25.0	3.664	98.5	3.6	0.8
894	2/18/2015 23:31:13	13.01	46.73	30.33	8.69	8.06	22.8	3.751	99.7	3.0	0.7
895	2/18/2015 23:46:13	12.98	47.04	30.55	8.71	8.06	15.1	3.814	99.9	3.6	0.8
896	2/19/2015 00:01:13	12.96	47.16	30.64	8.71	8.07	12.6	3.866	100.0	3.2	0.8
897	2/19/2015 00:16:13	12.97	47.05	30.56	8.59	8.05	9.5	3.889	98.6	2.7	0.6
898	2/19/2015 00:31:13	12.97	47.23	30.69	8.64	8.06	13.1	3.886	99.2	2.9	0.7
899	2/19/2015 00:46:13	12.96	47.25	30.71	8.73	8.06	12.5	3.846	100.2	3.0	0.7
900	2/19/2015 01:01:13	12.98	47.10	30.59	8.68	8.06	14.5	3.778	99.6	2.5	0.6
901	2/19/2015 01:16:13	13.06	45.99	29.80	8.35	8.01	14.4	3.689	95.6	2.7	0.6
902	2/19/2015 01:31:13	13.05	46.14	29.91	8.41	8.02	12.2	3.588	96.3	2.3	0.5
903	2/19/2015 01:46:12	13.07	46.00	29.81	8.34	8.01	11.1	3.468	95.4	2.2	0.5
904	2/19/2015 02:01:11	13.11	45.72	29.61	8.22	7.99	12.2	3.350	94.0	2.1	0.5
905	2/19/2015 02:16:11	13.14	45.23	29.26	8.16	7.97	14.7	3.231	93.3	2.4	0.6
906	2/19/2015 02:31:12	13.17	45.06	29.13	8.07	7.96	10.6	3.115	92.2	1.9	0.4
907	2/19/2015 02:46:13	13.17	45.10	29.16	8.06	7.96	10.8	2.995	92.1	2.5	0.6
908	2/19/2015 03:01:13	13.20	44.57	28.79	8.05	7.95	10.6	2.889	91.8	2.2	0.5
909	2/19/2015 03:16:12	13.22	44.62	28.82	8.02	7.95	12.2	2.767	91.5	2.3	0.5
910	2/19/2015 03:31:12	13.18	44.85	28.98	8.02	7.95	10.1	2.654	91.5	2.0	0.5
911	2/19/2015 03:46:13	13.27	43.99	28.37	7.95	7.93	11.3	2.534	90.5	2.6	0.6
912	2/19/2015 04:01:13	13.21	44.20	28.52	7.90	7.93	9.6	2.430	90.0	2.8	0.7
913	2/19/2015 04:16:13	13.24	44.01	28.38	7.87	7.92	10.0	2.330	89.6	2.7	0.6
914	2/19/2015 04:31:12	13.31	43.51	28.03	7.83	7.91	9.9	2.224	89.0	3.1	0.7
915	2/19/2015 04:46:12	13.29	43.45	27.98	7.78	7.90	9.8	2.133	88.4	2.6	0.6
916	2/19/2015 05:01:12	13.30	43.24	27.84	7.78	7.90	10.4	2.058	88.4	2.9	0.7
917	2/19/2015 05:16:12	13.32	43.12	27.75	7.77	7.89	9.2	1.999	88.3	2.9	0.7
918	2/19/2015 05:31:12	13.33	43.03	27.69	7.73	7.89	9.4	1.966	87.8	3.4	0.8
919	2/19/2015 05:46:13	13.33	43.00	27.66	7.59	7.88	7.5	1.953	86.2	3.3	0.8
920	2/19/2015 06:01:13	13.33	42.92	27.61	7.78	7.89	9.0	1.975	88.3	2.8	0.6
921	2/19/2015 06:16:12	13.33	43.05	27.70	7.79	7.89	9.4	2.025	88.4	3.3	0.8
922	2/19/2015 06:31:12	13.35	43.22	27.82	7.78	7.89	8.8	2.093	88.4	2.6	0.6
923	2/19/2015 06:46:12	13.31	43.09	27.73	7.79	7.89	9.7	2.180	88.5	2.9	0.7
924	2/19/2015 07:01:12	13.26	42.69	27.44	7.83	7.89	11.7	2.289	88.7	3.0	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
925	2/19/2015 07:16:12	13.30	43.18	27.79	7.81	7.90	11.8	2.394	88.7	2.5	0.6
926	2/19/2015 07:31:12	13.29	43.29	27.87	7.85	7.91	12.3	2.497	89.2	3.0	0.7
927	2/19/2015 07:46:12	13.26	43.93	28.33	7.89	7.92	12.0	2.595	89.8	2.5	0.6
928	2/19/2015 08:01:13	13.22	44.39	28.66	7.98	7.94	12.7	2.701	91.0	2.4	0.6
929	2/19/2015 08:16:12	13.21	44.53	28.76	8.02	7.95	11.7	2.800	91.4	2.1	0.5
930	2/19/2015 08:31:13	13.20	44.67	28.85	8.02	7.95	12.3	2.896	91.5	2.3	0.5
931	2/19/2015 08:46:12	13.18	44.78	28.94	8.05	7.95	12.5	2.989	91.9	2.5	0.6
932	2/19/2015 09:01:13	13.15	44.98	29.08	8.10	7.96	16.3	3.093	92.5	2.5	0.6
933	2/19/2015 09:16:12	13.14	45.13	29.18	8.14	7.97	17.5	3.201	92.9	2.4	0.6
934	2/19/2015 09:31:12	13.08	45.53	29.47	8.22	7.98	22.8	3.308	93.9	2.8	0.7
935	2/19/2015 09:46:12	13.04	45.74	29.62	8.30	8.00	22.2	3.429	94.8	2.6	0.6
936	2/19/2015 10:01:12	12.98	46.33	30.04	8.37	8.01	22.7	3.542	95.7	2.6	0.6
937	2/19/2015 10:16:12	12.88	47.18	30.65	8.45	8.04	25.7	3.667	96.8	2.4	0.6
938	2/19/2015 10:31:13	12.82	47.66	30.99	8.43	8.04	23.9	3.781	96.7	2.6	0.6
939	2/19/2015 10:46:13	12.75	48.00	31.24	8.43	8.04	21.4	3.891	96.7	2.1	0.5
940	2/19/2015 11:01:12	12.69	48.36	31.49	8.45	8.05	19.9	3.990	96.9	1.9	0.4
941	2/19/2015 11:16:12	12.65	48.53	31.62	8.44	8.05	17.5	4.066	96.9	1.5	0.4
942	2/19/2015 11:31:12	12.65	48.66	31.71	8.40	8.05	13.2	4.130	96.5	1.6	0.4
943	2/19/2015 11:46:12	12.65	48.50	31.60	8.40	8.05	10.9	4.182	96.4	1.3	0.3
944	2/19/2015 12:01:13	12.64	48.75	31.77	8.35	8.05	8.4	4.201	95.9	1.8	0.4
945	2/19/2015 12:16:12	12.70	48.49	31.59	8.37	8.05	10.9	4.184	96.1	1.3	0.3
946	2/19/2015 12:31:12	12.65	48.67	31.72	8.37	8.05	11.2	4.154	96.1	1.2	0.3
947	2/19/2015 12:46:13	12.71	48.50	31.59	8.42	8.05	11.5	4.085	96.7	1.6	0.4
948	2/19/2015 13:01:13	12.78	48.41	31.54	8.46	8.05	13.3	3.978	97.3	1.9	0.4
949	2/19/2015 13:16:13	13.25	47.32	30.77	8.57	8.04	10.9	3.862	99.1	2.1	0.5
950	2/19/2015 13:31:13	13.25	47.19	30.67	8.53	8.03	9.7	3.738	98.5	2.0	0.5
951	2/19/2015 13:46:13	13.27	46.89	30.45	8.51	8.03	9.2	3.601	98.1	1.6	0.4
952	2/19/2015 14:01:13	13.42	46.34	30.06	8.50	8.02	10.1	3.459	98.1	2.0	0.5
953	2/19/2015 14:16:13	13.49	46.06	29.87	8.48	8.01	9.0	3.312	98.0	2.4	0.6
954	2/19/2015 14:31:12	13.63	45.57	29.52	8.47	8.00	8.6	3.158	97.9	2.6	0.6
955	2/19/2015 14:46:12	13.64	45.34	29.35	8.46	7.99	10.1	3.006	97.7	2.0	0.5
956	2/19/2015 15:01:12	13.76	44.88	29.02	8.46	7.98	9.9	2.873	97.7	2.6	0.6
957	2/19/2015 15:16:13	13.82	44.71	28.90	8.33	7.98	11.3	2.730	96.2	2.5	0.6
958	2/19/2015 15:31:13	13.83	44.52	28.76	8.46	7.97	10.3	2.566	97.7	2.9	0.7
959	2/19/2015 15:46:13	13.81	44.21	28.55	8.49	7.97	9.7	2.415	97.9	2.4	0.6
960	2/19/2015 16:01:12	13.81	44.16	28.51	8.59	7.97	11.6	2.250	99.0	2.7	0.6
961	2/19/2015 16:16:13	13.94	44.18	28.53	8.79	7.99	13.2	2.101	101.6	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	Fluorescence %FS
962	2/19/2015 16:31:12	14.02	44.11	28.48	8.88	8.00	12.8	1.929	102.7	2.7	0.6
963	2/19/2015 16:46:12	13.96	43.74	28.21	8.55	7.96	13.1	1.755	98.6	3.0	0.7
964	2/19/2015 17:01:12	13.96	43.46	28.01	8.51	7.95	14.0	1.617	98.1	2.7	0.6
965	2/19/2015 17:16:12	13.97	43.30	27.89	8.60	7.95	12.0	1.472	99.1	3.8	0.9
966	2/19/2015 17:31:13	13.98	43.05	27.72	8.69	7.96	11.6	1.341	100.0	3.1	0.7
967	2/19/2015 17:46:12	13.98	42.94	27.64	8.78	7.96	10.5	1.251	101.0	2.9	0.7
968	2/19/2015 18:01:13	13.98	42.91	27.62	8.86	7.97	10.9	1.194	101.9	3.7	0.9
969	2/19/2015 18:16:12	13.97	42.82	27.56	8.82	7.97	9.5	1.207	101.4	3.3	0.8
970	2/19/2015 18:31:12	13.96	42.95	27.65	8.73	7.96	8.9	1.301	100.4	3.5	0.8
971	2/19/2015 18:46:13	13.95	43.01	27.69	8.69	7.95	8.5	1.395	99.9	3.6	0.8
972	2/19/2015 19:01:13	13.93	42.97	27.66	8.61	7.95	8.4	1.511	99.0	3.6	0.8
973	2/19/2015 19:16:13	13.96	42.44	27.28	8.40	7.92	11.5	1.618	96.4	3.5	0.8
974	2/19/2015 19:31:12	13.96	42.48	27.32	8.41	7.92	10.2	1.720	96.5	3.5	0.8
975	2/19/2015 19:46:12	13.97	42.43	27.27	8.37	7.91	11.0	1.822	96.0	3.6	0.9
976	2/19/2015 20:01:13	13.95	42.86	27.58	8.32	7.92	10.8	1.924	95.7	3.9	0.9
977	2/19/2015 20:16:12	13.93	43.12	27.77	8.33	7.92	9.9	2.037	95.9	2.8	0.7
978	2/19/2015 20:31:12	13.86	43.24	27.85	8.31	7.93	9.3	2.149	95.5	3.6	0.8
979	2/19/2015 20:46:13	13.73	43.93	28.34	8.22	7.94	10.9	2.258	94.5	3.1	0.7
980	2/19/2015 21:01:12	13.70	44.28	28.59	8.19	7.94	11.4	2.381	94.2	2.9	0.7
981	2/19/2015 21:16:13	13.65	44.29	28.60	8.20	7.94	11.9	2.500	94.2	2.7	0.6
982	2/19/2015 21:31:13	13.63	44.48	28.73	8.21	7.94	13.2	2.619	94.4	2.9	0.7
983	2/19/2015 21:46:12	13.57	44.66	28.86	8.22	7.95	15.3	2.752	94.5	2.8	0.7
984	2/19/2015 22:01:13	13.54	44.81	28.96	8.22	7.96	16.4	2.861	94.5	2.8	0.7
985	2/19/2015 22:16:12	13.50	45.00	29.10	8.25	7.96	21.1	2.967	94.8	2.9	0.7
986	2/19/2015 22:31:13	13.45	45.24	29.27	8.27	7.97	20.9	3.091	95.1	3.0	0.7
987	2/19/2015 22:46:13	13.23	46.41	30.10	8.36	8.00	24.9	3.205	96.1	2.7	0.6
988	2/19/2015 23:01:12	13.14	47.08	30.59	8.38	8.01	22.6	3.322	96.5	2.8	0.7
989	2/19/2015 23:16:12	13.02	47.45	30.85	8.35	8.01	25.7	3.436	96.1	2.7	0.6
990	2/19/2015 23:31:13	12.80	48.05	31.28	8.32	8.02	21.9	3.561	95.5	1.9	0.4
991	2/19/2015 23:46:13	12.64	48.38	31.51	8.27	8.02	17.3	3.667	94.8	2.0	0.5
992	2/20/2015 00:01:12	12.54	48.73	31.76	8.25	8.03	16.7	3.768	94.5	1.9	0.4
993	2/20/2015 00:16:12	12.45	48.90	31.88	8.23	8.03	16.1	3.859	94.2	1.6	0.4
994	2/20/2015 00:31:12	12.41	49.30	32.17	8.17	8.03	13.3	3.917	93.6	1.6	0.4
995	2/20/2015 00:46:12	12.39	49.27	32.15	8.16	8.03	11.9	3.967	93.4	1.6	0.4
996	2/20/2015 01:01:12	12.45	49.05	31.99	8.11	8.03	9.3	3.986	92.9	1.9	0.4
997	2/20/2015 01:16:12	12.41	49.04	31.98	8.13	8.03	11.2	3.977	93.0	1.2	0.3
998	2/20/2015 01:31:12	12.40	48.99	31.94	8.16	8.03	11.2	3.934	93.3	1.6	0.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
999	2/20/2015 01:46:13	12.68	47.95	31.20	8.21	8.02	11.4	3.855	94.0	1.9	0.4
1000	2/20/2015 02:01:13	12.70	47.59	30.94	8.23	8.01	10.6	3.753	94.2	2.0	0.5
1001	2/20/2015 02:16:12	12.72	47.42	30.81	8.24	8.01	10.3	3.644	94.2	1.8	0.4
1002	2/20/2015 02:31:12	12.83	47.12	30.60	8.18	8.00	17.7	3.513	93.7	2.0	0.5
1003	2/20/2015 02:46:12	13.02	46.38	30.08	8.23	7.99	16.8	3.385	94.2	2.5	0.6
1004	2/20/2015 03:01:12	13.04	46.37	30.07	8.21	7.99	13.0	3.259	94.0	2.4	0.6
1005	2/20/2015 03:16:12	12.99	46.28	30.00	8.20	7.98	10.6	3.132	93.8	2.1	0.5
1006	2/20/2015 03:31:12	13.00	46.12	29.89	8.17	7.97	9.8	3.002	93.4	2.0	0.5
1007	2/20/2015 03:46:12	13.06	45.69	29.59	8.14	7.96	10.1	2.890	93.0	2.4	0.6
1008	2/20/2015 04:01:12	12.96	45.98	29.79	8.16	7.97	11.0	2.774	93.2	2.5	0.6
1009	2/20/2015 04:16:11	13.06	45.42	29.39	8.16	7.96	10.4	2.634	93.1	2.1	0.5
1010	2/20/2015 04:31:12	13.05	44.98	29.08	8.14	7.95	10.0	2.515	92.7	2.1	0.5
1011	2/20/2015 04:46:13	13.18	44.55	28.77	8.07	7.94	10.4	2.394	91.9	2.6	0.6
1012	2/20/2015 05:01:13	13.24	44.22	28.53	8.06	7.93	10.1	2.268	91.8	2.6	0.6
1013	2/20/2015 05:16:13	13.04	44.56	28.77	8.03	7.92	9.7	2.142	91.3	2.9	0.7
1014	2/20/2015 05:31:13	13.17	43.86	28.27	8.06	7.91	9.9	2.043	91.6	2.8	0.7
1015	2/20/2015 05:46:13	13.15	43.84	28.26	8.05	7.91	9.7	1.938	91.4	2.8	0.6
1016	2/20/2015 06:01:12	13.17	43.63	28.11	8.05	7.91	9.1	1.870	91.3	2.7	0.6
1017	2/20/2015 06:16:13	13.19	43.53	28.04	8.03	7.91	8.4	1.820	91.1	2.9	0.7
1018	2/20/2015 06:31:13	13.17	43.47	28.00	8.03	7.91	8.1	1.786	91.1	3.0	0.7
1019	2/20/2015 06:46:12	13.15	43.56	28.06	8.00	7.91	8.4	1.802	90.7	2.4	0.6
1020	2/20/2015 07:01:12	13.20	43.54	28.05	8.04	7.91	8.1	1.832	91.3	2.8	0.7
1021	2/20/2015 07:16:12	13.22	43.64	28.12	8.03	7.91	7.9	1.901	91.2	2.7	0.6
1022	2/20/2015 07:31:12	13.20	43.46	27.99	8.04	7.91	7.8	1.982	91.2	2.5	0.6
1023	2/20/2015 07:46:13	13.06	43.54	28.04	8.04	7.90	9.6	2.086	90.9	2.8	0.7
1024	2/20/2015 08:01:12	13.07	43.62	28.10	8.04	7.90	11.2	2.202	91.1	2.5	0.6
1025	2/20/2015 08:16:12	13.11	43.84	28.26	8.04	7.91	10.1	2.307	91.2	2.2	0.5
1026	2/20/2015 08:31:12	13.15	44.16	28.49	8.04	7.92	10.1	2.411	91.4	1.8	0.4
1027	2/20/2015 08:46:13	13.14	44.63	28.83	8.07	7.94	10.4	2.514	91.9	2.3	0.5
1028	2/20/2015 09:01:12	13.13	44.91	29.03	8.10	7.94	11.1	2.623	92.4	2.1	0.5
1029	2/20/2015 09:16:12	13.15	45.19	29.23	8.14	7.95	10.1	2.721	92.9	2.3	0.5
1030	2/20/2015 09:31:12	13.15	45.39	29.37	8.15	7.95	10.8	2.824	93.1	2.5	0.6
1031	2/20/2015 09:46:13	13.11	45.69	29.58	8.16	7.96	12.5	2.924	93.4	2.5	0.6
1032	2/20/2015 10:01:13	13.07	45.86	29.71	8.17	7.97	13.8	3.029	93.5	1.9	0.4
1033	2/20/2015 10:16:12	13.04	46.05	29.84	8.18	7.97	15.9	3.135	93.6	2.2	0.5
1034	2/20/2015 10:31:12	12.91	46.51	30.17	8.19	7.98	17.0	3.244	93.7	2.2	0.5
1035	2/20/2015 10:46:12	12.85	46.73	30.32	8.23	7.99	15.8	3.366	94.0	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	Fluorescence %FS
1036	2/20/2015 11:01:12	12.64	47.48	30.86	8.19	8.00	21.1	3.478	93.6	2.1	0.5
1037	2/20/2015 11:16:12	12.54	48.33	31.47	8.16	8.01	24.0	3.590	93.3	1.8	0.4
1038	2/20/2015 11:31:12	12.47	48.48	31.57	8.16	8.01	21.5	3.710	93.3	1.3	0.3
1039	2/20/2015 11:46:12	12.38	48.89	31.87	8.17	8.02	18.0	3.814	93.4	1.0	0.2
1040	2/20/2015 12:01:13	12.34	49.27	32.14	8.17	8.02	16.1	3.897	93.4	1.1	0.3
1041	2/20/2015 12:16:12	12.31	49.33	32.18	8.15	8.02	12.1	3.971	93.2	1.2	0.3
1042	2/20/2015 12:31:12	12.28	49.44	32.26	8.15	8.02	12.6	4.032	93.1	1.1	0.3
	Mean	13.14	42.48	27.30	8.25	7.94	9.76	2.88	93.13	2.50	0.59
	Minimum	12.24	38.69	24.62	7.53	7.82	3.40	1.19	83.60	0.90	0.20
	Maximum	14.41	49.44	32.26	9.35	8.07	38.70	4.24	106.70	4.20	1.00

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

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	Fluorescence %FS
0	2/20/2015 13:16:04	12.29	49.04	31.97	7.81	8.04	9.1	3.896	89.1	1.5	0.4
1	2/20/2015 13:31:04	12.28	49.09	32.01	7.83	8.04	9.5	3.852	89.4	1.4	0.3
2	2/20/2015 13:46:05	12.68	48.51	31.61	8.19	8.06	10.8	3.774	94.0	1.4	0.3
3	2/20/2015 14:01:04	12.67	48.57	31.64	8.19	8.06	15.0	3.667	94.0	1.5	0.3
4	2/20/2015 14:16:05	12.66	48.66	31.71	8.17	8.06	12.3	3.531	93.8	1.2	0.3
5	2/20/2015 14:31:05	12.77	48.37	31.50	8.12	8.05	11.8	3.408	93.3	1.5	0.3
6	2/20/2015 14:46:05	12.92	47.89	31.17	8.08	8.04	17.5	3.272	92.9	2.0	0.5
7	2/20/2015 15:01:05	13.16	47.24	30.70	8.06	8.02	16.4	3.150	92.9	2.2	0.5
8	2/20/2015 15:16:04	13.21	46.93	30.48	8.04	8.02	17.9	3.021	92.7	2.5	0.6
9	2/20/2015 15:31:05	13.29	46.63	30.27	8.06	8.02	18.8	2.868	93.0	2.4	0.6
10	2/20/2015 15:46:05	13.30	46.79	30.38	8.10	8.02	21.3	2.716	93.4	2.5	0.6
11	2/20/2015 16:01:05	13.42	46.19	29.95	8.12	8.01	24.5	2.576	93.7	3.2	0.8
12	2/20/2015 16:16:04	13.55	45.61	29.54	8.15	8.00	24.8	2.440	94.0	3.2	0.7
13	2/20/2015 16:31:04	13.53	46.20	29.96	8.18	8.02	24.4	2.300	94.6	3.5	0.8
14	2/20/2015 16:46:04	13.66	45.34	29.35	8.30	8.02	28.1	2.148	95.9	3.1	0.7
15	2/20/2015 17:01:04	13.72	44.78	28.95	8.28	8.00	32.0	2.004	95.6	4.0	0.9
16	2/20/2015 17:16:04	13.74	44.71	28.90	8.27	8.00	38.1	1.857	95.5	4.4	1.0
17	2/20/2015 17:31:05	13.74	44.71	28.90	8.26	8.01	39.9	1.702	95.3	4.1	1.0
18	2/20/2015 17:46:05	13.80	44.29	28.60	8.19	7.98	48.3	1.555	94.4	4.4	1.0
19	2/20/2015 18:01:05	13.78	44.29	28.60	8.11	7.97	46.5	1.431	93.5	4.7	1.1
20	2/20/2015 18:16:05	13.84	43.91	28.33	8.17	7.97	40.6	1.310	94.2	5.0	1.2
21	2/20/2015 18:31:05	13.88	43.64	28.14	8.32	7.98	33.6	1.204	95.8	4.8	1.1
22	2/20/2015 18:46:05	13.90	43.42	27.98	8.48	8.00	29.1	1.178	97.6	4.9	1.2
23	2/20/2015 19:01:05	13.81	43.62	28.12	8.33	7.99	25.0	1.179	95.8	4.6	1.1
24	2/20/2015 19:16:04	13.88	43.34	27.92	8.48	8.00	23.1	1.209	97.6	4.0	0.9
25	2/20/2015 19:31:05	13.91	43.34	27.92	8.54	8.01	21.1	1.301	98.3	4.7	1.1
26	2/20/2015 19:46:05	13.97	43.20	27.83	8.59	8.01	22.7	1.408	98.9	4.8	1.1
27	2/20/2015 20:01:04	13.92	43.41	27.97	8.42	7.99	24.6	1.509	97.0	4.7	1.1
28	2/20/2015 20:16:05	13.93	42.91	27.62	8.27	7.96	20.6	1.606	95.1	4.6	1.1
29	2/20/2015 20:31:05	13.92	42.95	27.65	8.27	7.96	20.5	1.736	95.0	3.8	0.9
30	2/20/2015 20:46:05	13.90	43.58	28.09	8.21	7.97	23.7	1.844	94.5	4.0	1.0
31	2/20/2015 21:01:04	13.88	43.73	28.20	8.17	7.97	20.9	1.956	94.1	4.3	1.0
32	2/20/2015 21:16:04	13.79	44.04	28.42	8.13	7.97	15.1	2.069	93.6	3.6	0.8
33	2/20/2015 21:31:05	13.70	44.44	28.71	8.06	7.97	24.9	2.178	92.8	3.0	0.7
34	2/20/2015 21:46:05	13.60	44.87	29.01	8.04	7.98	19.8	2.310	92.6	3.6	0.8
35	2/20/2015 22:01:05	13.58	45.00	29.11	8.03	7.98	17.8	2.415	92.5	2.8	0.7
36	2/20/2015 22:16:05	13.55	45.11	29.18	8.04	7.98	19.5	2.535	92.6	3.5	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	Fluorescence %FS
37	2/20/2015 22:31:05	13.48	45.39	29.38	8.01	7.99	25.8	2.655	92.2	3.4	0.8
38	2/20/2015 22:46:05	13.42	45.67	29.58	8.01	7.99	26.1	2.770	92.2	3.6	0.9
39	2/20/2015 23:01:05	13.30	46.04	29.84	8.03	8.00	32.3	2.880	92.4	3.3	0.8
40	2/20/2015 23:16:05	13.12	46.80	30.38	8.04	8.01	32.3	3.000	92.4	3.1	0.7
41	2/20/2015 23:31:05	12.95	47.42	30.82	8.04	8.02	31.1	3.113	92.3	3.1	0.7
42	2/20/2015 23:46:05	12.89	47.65	30.99	8.04	8.03	28.8	3.240	92.4	3.1	0.7
43	2/21/2015 00:01:05	12.79	48.01	31.25	8.09	8.03	31.1	3.356	92.9	2.9	0.7
44	2/21/2015 00:16:05	12.64	48.43	31.55	8.18	8.04	25.2	3.477	93.8	2.1	0.5
45	2/21/2015 00:31:05	12.53	48.79	31.80	8.23	8.05	19.8	3.593	94.3	1.8	0.4
46	2/21/2015 00:46:05	12.46	49.00	31.95	8.24	8.05	19.7	3.683	94.4	1.6	0.4
47	2/21/2015 01:01:05	12.41	49.08	32.01	8.24	8.06	15.9	3.767	94.3	1.3	0.3
48	2/21/2015 01:16:05	12.38	49.18	32.08	8.21	8.06	15.4	3.844	93.9	2.0	0.5
49	2/21/2015 01:31:05	12.35	49.24	32.12	8.19	8.06	11.0	3.881	93.7	1.5	0.3
50	2/21/2015 01:46:05	12.42	49.00	31.95	8.09	8.05	9.2	3.893	92.6	1.5	0.4
51	2/21/2015 02:01:05	12.40	49.10	32.02	8.16	8.05	11.5	3.884	93.3	1.8	0.4
52	2/21/2015 02:16:05	12.38	49.16	32.07	8.17	8.05	12.2	3.846	93.5	1.3	0.3
53	2/21/2015 02:31:05	12.40	49.03	31.97	8.17	8.05	13.0	3.768	93.4	1.7	0.4
54	2/21/2015 02:46:05	12.50	48.18	31.36	8.13	8.04	11.2	3.656	92.8	1.8	0.4
55	2/21/2015 03:01:05	12.54	47.92	31.17	8.11	8.03	9.5	3.554	92.5	1.5	0.4
56	2/21/2015 03:16:05	12.61	47.60	30.94	8.05	8.02	11.7	3.424	91.9	1.9	0.4
57	2/21/2015 03:31:05	12.80	46.76	30.35	7.98	8.01	20.3	3.286	91.1	2.4	0.6
58	2/21/2015 03:46:05	12.87	46.57	30.21	7.95	8.00	18.2	3.168	90.9	2.2	0.5
59	2/21/2015 04:01:05	12.86	46.20	29.94	7.94	7.99	14.1	3.037	90.5	2.6	0.6
60	2/21/2015 04:16:05	12.89	46.10	29.87	7.92	7.99	12.2	2.901	90.4	2.4	0.6
61	2/21/2015 04:31:05	12.78	46.48	30.14	7.92	8.00	10.4	2.779	90.3	2.2	0.5
62	2/21/2015 04:46:05	12.84	46.23	29.96	7.93	7.99	10.3	2.641	90.4	2.5	0.6
63	2/21/2015 05:01:05	12.90	45.59	29.50	7.91	7.98	13.0	2.522	90.1	2.4	0.6
64	2/21/2015 05:16:05	12.80	45.67	29.56	7.88	7.98	10.8	2.385	89.5	2.4	0.6
65	2/21/2015 05:31:05	12.97	45.15	29.20	7.84	7.97	11.5	2.263	89.2	2.5	0.6
66	2/21/2015 05:46:05	12.98	45.02	29.10	7.80	7.97	11.7	2.134	88.8	3.3	0.8
67	2/21/2015 06:01:05	12.98	44.83	28.96	7.81	7.96	11.3	2.008	88.7	2.8	0.7
68	2/21/2015 06:16:05	12.95	44.51	28.73	7.82	7.96	13.1	1.885	88.7	3.1	0.7
69	2/21/2015 06:31:05	12.94	44.41	28.66	7.80	7.95	12.6	1.779	88.4	2.7	0.6
70	2/21/2015 06:46:05	12.89	44.34	28.61	7.78	7.95	11.8	1.674	88.0	2.6	0.6
71	2/21/2015 07:01:05	12.90	44.10	28.44	7.78	7.95	11.5	1.594	88.0	3.6	0.9
72	2/21/2015 07:16:05	12.92	44.00	28.37	7.74	7.95	11.2	1.547	87.6	2.8	0.7
73	2/21/2015 07:31:05	12.95	43.89	28.29	7.70	7.95	10.9	1.531	87.1	2.6	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	Fluorescence %FS
74	2/21/2015 07:46:05	12.93	43.97	28.35	7.76	7.95	10.0	1.539	87.8	3.1	0.7
75	2/21/2015 08:01:05	12.99	44.00	28.37	7.80	7.95	10.0	1.584	88.3	2.8	0.7
76	2/21/2015 08:16:05	13.02	44.09	28.44	7.81	7.95	9.4	1.652	88.5	2.6	0.6
77	2/21/2015 08:31:05	13.02	44.19	28.51	7.83	7.95	9.2	1.751	88.8	2.8	0.7
78	2/21/2015 08:46:05	12.85	43.81	28.23	7.80	7.94	11.2	1.852	88.0	2.6	0.6
79	2/21/2015 09:01:05	12.94	44.13	28.47	7.80	7.94	11.8	1.965	88.2	2.9	0.7
80	2/21/2015 09:16:04	13.00	44.40	28.65	7.79	7.95	11.2	2.074	88.4	2.4	0.6
81	2/21/2015 09:31:05	13.01	44.85	28.98	7.79	7.96	11.4	2.179	88.6	2.4	0.6
82	2/21/2015 09:46:05	13.01	45.26	29.28	7.81	7.97	11.1	2.284	88.9	2.0	0.5
83	2/21/2015 10:01:05	13.02	45.55	29.48	7.84	7.97	11.4	2.382	89.4	2.7	0.7
84	2/21/2015 10:16:05	13.04	45.74	29.62	7.86	7.98	9.5	2.481	89.8	1.7	0.4
85	2/21/2015 10:31:05	13.06	45.82	29.68	7.88	7.98	10.1	2.579	90.1	2.1	0.5
86	2/21/2015 10:46:05	13.01	45.98	29.79	7.89	7.98	12.4	2.672	90.2	1.8	0.4
87	2/21/2015 11:01:05	13.00	46.19	29.94	7.92	7.99	13.1	2.780	90.6	2.4	0.6
88	2/21/2015 11:16:05	12.97	46.31	30.03	7.93	7.99	15.5	2.879	90.7	2.2	0.5
89	2/21/2015 11:31:05	12.90	46.54	30.19	7.97	8.00	17.7	2.980	91.0	2.4	0.6
90	2/21/2015 11:46:05	12.82	46.85	30.41	8.00	8.00	18.0	3.082	91.4	2.0	0.5
91	2/21/2015 12:01:05	12.69	47.30	30.73	8.01	8.01	19.8	3.191	91.4	1.7	0.4
92	2/21/2015 12:16:05	12.55	48.02	31.24	8.00	8.02	22.0	3.294	91.4	2.0	0.5
93	2/21/2015 12:31:05	12.51	48.35	31.48	8.03	8.03	22.7	3.403	91.8	1.2	0.3
94	2/21/2015 12:46:05	12.49	48.47	31.57	8.05	8.03	20.1	3.496	92.0	2.6	0.6
95	2/21/2015 13:01:05	12.43	48.75	31.76	8.06	8.04	18.0	3.573	92.1	1.6	0.4
96	2/21/2015 13:16:05	12.39	48.98	31.93	8.03	8.04	14.4	3.644	91.9	1.4	0.3
97	2/21/2015 13:31:05	12.36	49.12	32.03	8.02	8.05	11.5	3.691	91.7	1.0	0.2
98	2/21/2015 13:46:05	12.37	49.16	32.06	7.98	8.05	7.0	3.715	91.3	1.8	0.4
99	2/21/2015 14:01:05	12.40	49.09	32.02	7.90	8.04	6.7	3.717	90.4	1.1	0.3
100	2/21/2015 14:16:05	12.39	49.11	32.03	7.98	8.04	10.1	3.696	91.3	1.1	0.3
101	2/21/2015 14:31:05	12.51	48.87	31.85	8.05	8.04	13.1	3.638	92.3	1.8	0.4
102	2/21/2015 14:46:05	12.76	48.59	31.67	8.32	8.05	14.6	3.554	95.8	2.3	0.6
103	2/21/2015 15:01:05	12.75	48.61	31.68	8.28	8.05	14.5	3.444	95.2	1.7	0.4
104	2/21/2015 15:16:05	12.81	48.48	31.59	8.17	8.04	18.6	3.328	94.1	2.3	0.5
105	2/21/2015 15:31:05	13.16	47.24	30.71	8.07	8.01	32.5	3.215	93.1	3.1	0.7
106	2/21/2015 15:46:05	13.23	46.97	30.51	8.13	8.01	23.7	3.087	93.7	2.8	0.7
107	2/21/2015 16:01:05	13.31	46.79	30.38	8.08	8.00	37.4	2.964	93.3	3.3	0.8
108	2/21/2015 16:16:05	13.33	46.78	30.38	8.05	8.00	42.2	2.846	93.0	3.5	0.8
109	2/21/2015 16:31:05	13.30	46.78	30.37	8.04	8.00	44.3	2.717	92.7	3.7	0.9
110	2/21/2015 16:46:05	13.29	46.74	30.35	8.12	8.01	37.7	2.576	93.7	3.8	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	Fluorescence %FS
111	2/21/2015 17:01:05	13.23	46.59	30.23	8.12	8.00	41.3	2.450	93.5	3.6	0.8
112	2/21/2015 17:16:05	13.14	46.52	30.19	8.12	8.00	50.8	2.332	93.2	4.5	1.1
113	2/21/2015 17:31:05	13.31	45.73	29.62	8.13	7.99	54.2	2.197	93.5	4.6	1.1
114	2/21/2015 17:46:05	13.32	45.46	29.43	8.14	7.99	58.1	2.058	93.4	4.5	1.1
115	2/21/2015 18:01:05	13.45	45.02	29.11	8.15	7.98	53.6	1.936	93.6	5.0	1.2
116	2/21/2015 18:16:05	13.37	45.03	29.12	8.17	7.98	52.3	1.797	93.6	4.8	1.1
117	2/21/2015 18:31:05	13.46	44.73	28.90	8.19	7.98	51.2	1.676	94.0	5.3	1.3
118	2/21/2015 18:46:05	13.46	44.69	28.88	8.16	7.98	48.4	1.568	93.6	5.4	1.3
119	2/21/2015 19:01:05	13.49	44.43	28.69	8.18	7.98	40.2	1.470	93.8	4.9	1.2
120	2/21/2015 19:16:05	13.58	44.18	28.52	8.27	7.99	31.0	1.398	94.9	5.1	1.2
121	2/21/2015 19:31:05	13.69	43.90	28.32	8.36	8.01	25.2	1.342	96.1	5.6	1.3
122	2/21/2015 19:46:05	13.67	43.83	28.27	8.37	8.02	23.9	1.356	96.0	4.4	1.0
123	2/21/2015 20:01:05	13.63	43.98	28.38	8.33	8.00	21.3	1.389	95.6	5.1	1.2
124	2/21/2015 20:16:05	13.62	44.03	28.41	8.29	8.00	21.5	1.445	95.1	4.6	1.1
125	2/21/2015 20:31:04	13.60	43.87	28.30	8.39	8.02	24.7	1.527	96.2	4.6	1.1
126	2/21/2015 20:46:05	13.57	43.66	28.15	8.31	7.99	23.7	1.623	95.1	4.6	1.1
127	2/21/2015 21:01:05	13.59	43.51	28.04	8.24	7.97	20.6	1.743	94.3	4.4	1.1
128	2/21/2015 21:16:05	13.62	43.77	28.22	8.23	7.97	31.4	1.855	94.3	4.5	1.1
129	2/21/2015 21:31:05	13.63	44.25	28.57	8.16	7.97	31.6	1.954	93.8	4.6	1.1
130	2/21/2015 21:46:05	13.58	44.59	28.81	8.13	7.97	28.8	2.082	93.4	4.7	1.1
131	2/21/2015 22:01:05	13.45	45.32	29.33	8.05	7.98	32.6	2.200	92.6	4.5	1.1
132	2/21/2015 22:16:05	13.38	45.85	29.71	8.08	7.99	27.7	2.300	93.0	3.3	0.8
133	2/21/2015 22:31:05	13.34	45.85	29.71	8.10	7.99	18.6	2.416	93.2	3.3	0.8
134	2/21/2015 22:46:05	13.34	45.83	29.69	8.10	7.99	23.1	2.522	93.2	3.6	0.8
135	2/21/2015 23:01:05	13.31	46.08	29.87	8.08	7.99	27.3	2.630	93.0	3.4	0.8
136	2/21/2015 23:16:05	13.27	46.34	30.06	8.07	7.99	27.8	2.730	92.9	3.2	0.8
137	2/21/2015 23:31:05	13.19	46.48	30.15	8.07	8.00	37.5	2.844	92.8	3.9	0.9
138	2/21/2015 23:46:05	13.07	46.81	30.39	8.09	8.00	32.4	2.965	92.9	3.6	0.9
139	2/22/2015 00:01:05	12.93	47.42	30.83	8.07	8.01	33.8	3.073	92.7	3.3	0.8
140	2/22/2015 00:16:05	12.74	48.08	31.29	8.07	8.02	30.2	3.192	92.5	2.3	0.5
141	2/22/2015 00:31:05	12.65	48.35	31.49	8.08	8.03	31.8	3.316	92.6	2.3	0.5
142	2/22/2015 00:46:05	12.64	48.48	31.58	8.08	8.03	32.8	3.434	92.6	2.7	0.6
143	2/22/2015 01:01:05	12.57	48.59	31.66	8.11	8.03	27.8	3.540	92.9	2.1	0.5
144	2/22/2015 01:16:05	12.46	48.71	31.74	8.22	8.04	22.5	3.643	94.1	1.7	0.4
145	2/22/2015 01:31:05	12.39	48.81	31.81	8.28	8.05	18.8	3.737	94.6	1.7	0.4
146	2/22/2015 01:46:05	12.30	48.98	31.93	8.28	8.05	16.5	3.805	94.5	2.2	0.5
147	2/22/2015 02:01:05	12.22	49.09	32.01	8.24	8.05	12.2	3.854	93.9	1.7	0.4

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	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
148	2/22/2015 02:16:05	12.19	49.12	32.03	8.19	8.05	8.6	3.901	93.3	2.0	0.5
149	2/22/2015 02:31:05	12.31	48.76	31.77	8.09	8.04	9.8	3.903	92.2	1.6	0.4
150	2/22/2015 02:46:05	12.27	48.99	31.94	8.18	8.04	11.4	3.884	93.3	1.9	0.4
151	2/22/2015 03:01:05	12.27	48.96	31.91	8.19	8.04	13.1	3.832	93.4	1.5	0.4
152	2/22/2015 03:16:05	12.41	48.51	31.59	8.12	8.03	14.6	3.750	92.7	1.5	0.4
153	2/22/2015 03:31:05	12.35	48.16	31.34	8.18	8.03	9.5	3.658	93.1	2.1	0.5
154	2/22/2015 03:46:05	12.38	47.93	31.17	8.18	8.02	9.3	3.549	93.1	1.8	0.4
155	2/22/2015 04:01:05	12.46	47.43	30.81	8.05	8.01	12.4	3.432	91.5	1.8	0.4
156	2/22/2015 04:16:05	12.60	47.13	30.61	8.01	8.00	17.9	3.298	91.2	2.3	0.5
157	2/22/2015 04:31:05	12.55	46.54	30.17	8.02	8.00	11.3	3.168	91.0	2.7	0.6
158	2/22/2015 04:46:05	12.58	46.87	30.42	7.96	8.00	10.0	3.061	90.5	2.8	0.7
159	2/22/2015 05:01:05	12.67	46.74	30.33	7.94	7.99	13.3	2.925	90.4	2.1	0.5
160	2/22/2015 05:16:05	12.56	46.80	30.36	7.93	7.99	10.7	2.795	90.1	1.6	0.4
161	2/22/2015 05:31:05	12.55	46.83	30.39	7.95	7.99	10.1	2.677	90.4	2.0	0.5
162	2/22/2015 05:46:05	12.58	46.28	29.99	7.95	7.98	13.2	2.551	90.2	2.8	0.7
163	2/22/2015 06:01:05	12.60	45.86	29.69	7.93	7.98	13.9	2.414	89.8	3.1	0.7
164	2/22/2015 06:16:05	12.60	45.86	29.69	7.92	7.97	15.0	2.288	89.7	2.8	0.7
165	2/22/2015 06:31:05	12.59	45.76	29.62	7.89	7.97	15.1	2.161	89.3	3.0	0.7
166	2/22/2015 06:46:05	12.53	45.59	29.49	7.85	7.97	16.7	2.030	88.7	2.8	0.7
167	2/22/2015 07:01:05	12.38	45.44	29.38	7.86	7.97	17.0	1.901	88.4	2.9	0.7
168	2/22/2015 07:16:05	12.29	45.45	29.38	7.85	7.96	15.5	1.800	88.2	2.4	0.6
169	2/22/2015 07:31:05	12.36	45.21	29.21	7.84	7.96	14.4	1.688	88.1	2.7	0.6
170	2/22/2015 07:46:05	12.40	44.94	29.02	7.81	7.95	14.4	1.606	87.7	2.5	0.6
171	2/22/2015 08:01:05	12.44	44.87	28.98	7.79	7.95	13.0	1.542	87.6	2.9	0.7
172	2/22/2015 08:16:05	12.46	44.79	28.91	7.78	7.95	12.3	1.503	87.4	2.9	0.7
173	2/22/2015 08:31:05	12.44	44.76	28.90	7.72	7.95	10.9	1.505	86.7	3.0	0.7
174	2/22/2015 08:46:05	12.47	44.79	28.92	7.83	7.95	10.8	1.533	88.0	2.4	0.6
175	2/22/2015 09:01:05	12.55	44.89	28.99	7.82	7.96	10.7	1.576	88.1	3.0	0.7
176	2/22/2015 09:16:05	12.61	44.93	29.02	7.85	7.96	10.6	1.654	88.5	2.7	0.6
177	2/22/2015 09:31:05	12.57	44.83	28.95	7.87	7.96	10.8	1.753	88.7	3.1	0.7
178	2/22/2015 09:46:05	12.38	44.39	28.63	7.85	7.95	12.4	1.861	87.9	3.0	0.7
179	2/22/2015 10:01:05	12.48	44.63	28.80	7.86	7.95	13.4	1.962	88.3	2.8	0.7
180	2/22/2015 10:16:05	12.59	45.02	29.09	7.85	7.96	13.3	2.069	88.5	2.5	0.6
181	2/22/2015 10:31:05	12.65	45.51	29.44	7.84	7.96	15.0	2.170	88.7	2.5	0.6
182	2/22/2015 10:46:05	12.70	45.90	29.72	7.87	7.97	14.0	2.273	89.3	2.0	0.5
183	2/22/2015 11:01:05	12.77	46.19	29.93	7.91	7.98	12.2	2.367	90.0	2.6	0.6
184	2/22/2015 11:16:05	12.77	46.42	30.10	7.90	7.98	11.9	2.461	90.1	2.3	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	Fluorescence %FS
185	2/22/2015 11:31:05	12.79	46.48	30.14	7.94	7.98	10.6	2.557	90.5	2.5	0.6
186	2/22/2015 11:46:05	12.78	46.47	30.14	7.94	7.98	11.8	2.637	90.5	2.3	0.5
187	2/22/2015 12:01:05	12.75	46.63	30.25	7.97	7.99	12.6	2.742	90.9	2.0	0.5
188	2/22/2015 12:16:05	12.74	46.72	30.32	7.99	7.99	14.8	2.825	91.0	2.4	0.6
189	2/22/2015 12:31:05	12.72	46.81	30.38	7.99	7.99	16.8	2.915	91.2	2.9	0.7
190	2/22/2015 12:46:05	12.67	46.99	30.51	8.02	8.00	17.8	3.006	91.5	2.3	0.5
191	2/22/2015 13:01:05	12.62	47.21	30.66	8.04	8.00	16.2	3.097	91.6	1.5	0.4
192	2/22/2015 13:16:05	12.44	47.66	30.98	8.03	8.00	17.8	3.183	91.4	2.0	0.5
193	2/22/2015 13:31:05	12.32	48.09	31.28	8.02	8.01	22.1	3.263	91.2	2.0	0.5
194	2/22/2015 13:46:05	12.24	48.43	31.53	8.00	8.01	19.9	3.344	91.0	2.3	0.6
195	2/22/2015 14:01:05	12.21	48.58	31.63	8.01	8.02	16.3	3.417	91.1	1.4	0.3
196	2/22/2015 14:16:05	12.20	48.67	31.70	7.99	8.02	12.7	3.464	90.9	1.9	0.4
197	2/22/2015 14:31:05	12.20	48.67	31.70	7.96	8.02	9.2	3.505	90.5	1.4	0.3
198	2/22/2015 14:46:05	12.20	48.71	31.73	7.83	8.01	7.7	3.528	89.0	1.3	0.3
199	2/22/2015 15:01:05	12.19	48.69	31.71	7.88	8.01	9.4	3.517	89.6	1.3	0.3
200	2/22/2015 15:16:05	12.21	48.69	31.72	7.96	8.01	11.6	3.480	90.6	1.7	0.4
201	2/22/2015 15:31:05	12.42	48.44	31.54	8.14	8.02	15.1	3.422	92.9	1.8	0.4
202	2/22/2015 15:46:05	12.41	48.53	31.61	8.28	8.03	15.6	3.347	94.6	2.5	0.6
203	2/22/2015 16:01:05	12.39	48.53	31.60	8.22	8.03	18.2	3.248	93.8	2.0	0.5
204	2/22/2015 16:16:05	12.40	48.44	31.54	8.20	8.02	19.2	3.143	93.6	2.2	0.5
205	2/22/2015 16:31:05	12.51	48.18	31.36	8.19	8.02	23.0	3.034	93.6	2.3	0.5
206	2/22/2015 16:46:05	12.52	48.03	31.25	8.25	8.02	25.8	2.921	94.2	2.3	0.5
207	2/22/2015 17:01:05	12.59	47.76	31.06	8.27	8.02	31.4	2.812	94.4	3.1	0.7
208	2/22/2015 17:16:05	12.76	47.14	30.62	8.16	8.00	44.3	2.714	93.2	3.9	0.9
209	2/22/2015 17:31:05	12.71	47.07	30.56	8.19	8.00	44.0	2.599	93.5	3.7	0.9
210	2/22/2015 17:46:05	12.84	46.41	30.10	8.19	7.99	40.4	2.483	93.4	3.5	0.8
211	2/22/2015 18:01:05	12.70	46.39	30.07	8.20	7.99	33.7	2.368	93.3	3.9	0.9
212	2/22/2015 18:16:05	12.68	46.19	29.93	8.20	7.99	28.5	2.253	93.2	3.3	0.8
213	2/22/2015 18:31:05	12.77	45.90	29.73	8.17	7.98	30.3	2.145	92.9	4.2	1.0
214	2/22/2015 18:46:05	12.88	45.62	29.53	8.12	7.97	32.1	2.044	92.4	4.1	1.0
215	2/22/2015 19:01:05	12.80	45.70	29.58	8.10	7.97	26.2	1.936	92.0	3.5	0.8
216	2/22/2015 19:16:05	12.85	45.51	29.45	8.09	7.97	23.3	1.835	91.9	4.3	1.0
217	2/22/2015 19:31:05	12.87	45.34	29.33	8.08	7.97	19.4	1.741	91.8	3.8	0.9
218	2/22/2015 19:46:05	13.01	45.05	29.12	8.07	7.97	18.4	1.690	91.9	4.1	1.0
219	2/22/2015 20:01:05	13.04	44.94	29.04	8.08	7.97	16.0	1.639	92.0	3.8	0.9
220	2/22/2015 20:16:05	13.07	44.76	28.92	8.09	7.97	15.8	1.608	92.1	4.1	1.0
221	2/22/2015 20:31:05	13.03	44.86	28.98	8.01	7.97	15.2	1.621	91.2	4.4	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	Fluorescence %FS
222	2/22/2015 20:46:05	13.02	44.76	28.92	8.10	7.97	13.8	1.650	92.1	3.7	0.9
223	2/22/2015 21:01:05	13.04	44.99	29.08	8.07	7.96	15.1	1.695	91.8	3.5	0.8
224	2/22/2015 21:16:05	13.01	44.87	28.99	8.11	7.97	16.6	1.769	92.3	3.8	0.9
225	2/22/2015 21:31:05	13.00	44.54	28.76	8.16	7.97	18.0	1.865	92.6	3.9	0.9
226	2/22/2015 21:46:04	13.01	44.28	28.57	8.17	7.96	16.5	1.961	92.7	3.8	0.9
227	2/22/2015 22:01:05	13.03	44.75	28.91	8.13	7.96	22.9	2.057	92.4	4.3	1.0
228	2/22/2015 22:16:05	13.02	45.20	29.23	8.09	7.96	30.6	2.156	92.1	4.1	1.0
229	2/22/2015 22:31:05	12.97	45.61	29.52	8.07	7.97	28.3	2.254	92.0	4.5	1.1
230	2/22/2015 22:46:05	12.91	46.08	29.86	8.07	7.98	24.6	2.354	92.1	3.6	0.8
231	2/22/2015 23:01:05	12.85	46.42	30.10	8.11	7.98	25.6	2.452	92.5	2.9	0.7
232	2/22/2015 23:16:05	12.79	46.59	30.22	8.14	7.99	15.3	2.545	92.8	2.9	0.7
233	2/22/2015 23:31:05	12.78	46.56	30.20	8.14	7.99	16.4	2.640	92.8	2.9	0.7
234	2/22/2015 23:46:05	12.76	46.71	30.30	8.14	7.99	20.2	2.736	92.9	2.9	0.7
235	2/23/2015 00:01:05	12.74	46.88	30.43	8.13	7.99	20.6	2.834	92.8	3.0	0.7
236	2/23/2015 00:16:05	12.70	47.03	30.54	8.12	7.99	23.8	2.931	92.7	3.0	0.7
237	2/23/2015 00:31:05	12.52	47.42	30.81	8.12	8.00	27.2	3.037	92.4	3.3	0.8
238	2/23/2015 00:46:05	12.42	47.72	31.02	8.10	8.00	21.7	3.148	92.1	2.6	0.6
239	2/23/2015 01:01:05	12.27	48.13	31.32	8.05	8.00	23.9	3.255	91.5	3.0	0.7
240	2/23/2015 01:16:05	12.10	48.66	31.69	7.99	8.01	24.1	3.361	90.7	2.5	0.6
241	2/23/2015 01:31:05	11.98	48.96	31.90	7.96	8.01	25.7	3.477	90.2	2.0	0.5
242	2/23/2015 01:46:05	11.91	49.06	31.97	7.97	8.01	20.6	3.577	90.3	2.0	0.5
243	2/23/2015 02:01:05	11.84	49.23	32.09	7.99	8.01	18.3	3.667	90.4	1.6	0.4
244	2/23/2015 02:16:05	11.78	49.41	32.21	8.00	8.02	15.6	3.744	90.5	2.0	0.5
245	2/23/2015 02:31:05	11.72	49.52	32.29	7.98	8.02	13.7	3.820	90.2	1.3	0.3
246	2/23/2015 02:46:05	11.67	49.61	32.36	7.94	8.02	9.7	3.865	89.7	0.9	0.2
247	2/23/2015 03:01:05	11.65	49.58	32.34	7.88	8.02	6.7	3.889	89.0	1.2	0.3
248	2/23/2015 03:16:05	11.78	49.31	32.14	7.92	8.01	9.0	3.906	89.5	1.1	0.3
249	2/23/2015 03:31:05	11.70	49.49	32.27	7.92	8.01	9.7	3.878	89.5	1.5	0.4
250	2/23/2015 03:46:05	11.64	49.62	32.36	7.91	8.01	9.4	3.832	89.3	1.1	0.3
251	2/23/2015 04:01:05	11.69	49.41	32.22	7.93	8.01	11.2	3.768	89.6	1.1	0.3
252	2/23/2015 04:16:05	11.77	48.50	31.56	8.04	8.01	8.3	3.670	90.5	1.5	0.3
253	2/23/2015 04:31:05	11.78	48.50	31.56	8.01	8.00	8.7	3.571	90.3	1.8	0.4
254	2/23/2015 04:46:05	11.86	47.97	31.18	7.97	8.00	10.3	3.460	89.7	1.9	0.4
255	2/23/2015 05:01:05	11.96	47.86	31.10	7.97	8.00	11.9	3.338	89.9	1.8	0.4
256	2/23/2015 05:16:05	12.04	47.45	30.81	8.01	7.99	12.8	3.219	90.3	2.5	0.6
257	2/23/2015 05:31:05	11.95	47.58	30.90	7.99	7.99	9.5	3.102	89.9	1.9	0.4
258	2/23/2015 05:46:05	12.04	47.05	30.52	7.98	7.98	10.6	2.990	89.7	2.5	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	Fluorescence %FS
259	2/23/2015 06:01:05	12.01	46.80	30.34	7.97	7.98	8.3	2.860	89.5	1.9	0.5
260	2/23/2015 06:16:05	11.91	47.13	30.58	7.97	7.98	7.8	2.746	89.5	1.9	0.4
261	2/23/2015 06:31:05	11.97	46.85	30.37	7.97	7.98	8.6	2.622	89.4	1.8	0.4
262	2/23/2015 06:46:05	11.86	46.77	30.31	7.98	7.97	9.5	2.504	89.3	2.4	0.6
263	2/23/2015 07:01:05	11.90	46.34	30.01	7.95	7.97	9.3	2.401	88.8	2.3	0.5
264	2/23/2015 07:16:05	11.94	46.23	29.93	7.90	7.96	9.8	2.267	88.4	2.1	0.5
265	2/23/2015 07:31:05	11.71	46.24	29.93	7.91	7.96	10.1	2.147	88.0	2.4	0.6
266	2/23/2015 07:46:05	11.77	46.00	29.76	7.89	7.96	10.3	2.027	87.9	2.8	0.7
267	2/23/2015 08:01:05	11.64	46.09	29.81	7.95	7.96	9.5	1.920	88.3	2.5	0.6
268	2/23/2015 08:16:06	11.76	45.91	29.69	7.94	7.96	9.7	1.817	88.3	2.5	0.6
269	2/23/2015 08:31:05	11.77	45.82	29.62	7.95	7.96	8.8	1.711	88.5	2.3	0.6
270	2/23/2015 08:46:05	11.86	45.57	29.45	7.93	7.95	9.2	1.649	88.2	3.2	0.8
271	2/23/2015 09:01:05	11.91	45.48	29.39	7.88	7.95	7.6	1.612	87.8	2.4	0.6
272	2/23/2015 09:16:05	11.92	45.38	29.32	7.85	7.95	7.7	1.589	87.5	2.7	0.6
273	2/23/2015 09:31:05	11.94	45.44	29.36	7.85	7.95	7.4	1.587	87.4	2.6	0.6
274	2/23/2015 09:46:05	11.98	45.50	29.41	7.87	7.95	7.1	1.622	87.8	2.7	0.6
275	2/23/2015 10:01:05	12.05	45.56	29.45	7.87	7.95	7.2	1.692	88.0	2.3	0.6
276	2/23/2015 10:16:05	12.10	45.59	29.48	7.89	7.95	6.8	1.755	88.3	2.9	0.7
277	2/23/2015 10:31:05	11.94	45.28	29.25	7.92	7.95	8.4	1.853	88.2	3.0	0.7
278	2/23/2015 10:46:05	11.85	45.08	29.10	7.91	7.95	8.9	1.940	87.9	2.8	0.7
279	2/23/2015 11:01:05	11.91	45.33	29.28	7.90	7.95	10.1	2.027	87.9	3.1	0.7
280	2/23/2015 11:16:05	11.97	45.57	29.46	7.89	7.95	8.7	2.120	88.0	3.0	0.7
281	2/23/2015 11:31:05	12.02	45.91	29.70	7.85	7.96	9.9	2.208	87.8	2.3	0.5
282	2/23/2015 11:46:05	12.05	46.24	29.94	7.88	7.96	8.6	2.289	88.4	2.1	0.5
283	2/23/2015 12:01:05	12.11	46.52	30.14	7.91	7.97	8.2	2.371	88.9	2.1	0.5
284	2/23/2015 12:16:05	12.20	46.65	30.24	7.95	7.97	8.6	2.448	89.6	2.3	0.5
285	2/23/2015 12:31:05	12.25	46.83	30.37	7.95	7.98	7.9	2.530	89.8	2.5	0.6
286	2/23/2015 12:46:05	12.28	46.89	30.42	7.97	7.98	7.3	2.612	90.0	1.7	0.4
287	2/23/2015 13:01:05	12.27	46.86	30.39	7.97	7.98	8.2	2.691	90.0	2.1	0.5
288	2/23/2015 13:16:05	12.25	46.91	30.43	7.98	7.98	8.1	2.771	90.1	1.7	0.4
289	2/23/2015 13:31:05	12.25	47.12	30.58	7.99	7.98	9.8	2.852	90.4	1.8	0.4
290	2/23/2015 13:46:05	12.21	47.23	30.66	7.98	7.98	9.7	2.925	90.2	2.6	0.6
291	2/23/2015 14:01:05	12.20	47.30	30.71	7.99	7.98	11.8	3.004	90.4	1.6	0.4
292	2/23/2015 14:16:05	12.19	47.51	30.86	8.02	7.99	12.4	3.079	90.7	2.0	0.5
293	2/23/2015 14:31:05	12.16	47.60	30.92	8.01	7.99	11.4	3.143	90.5	1.7	0.4
294	2/23/2015 14:46:05	12.03	47.99	31.20	7.97	7.99	10.9	3.217	90.0	1.7	0.4
295	2/23/2015 15:01:05	11.93	48.29	31.41	7.91	7.99	9.5	3.274	89.3	1.8	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	Fluorescence %FS
296	2/23/2015 15:16:05	11.86	48.55	31.60	7.84	7.99	8.4	3.315	88.4	1.5	0.4
297	2/23/2015 15:31:05	11.81	48.67	31.68	7.79	7.99	6.7	3.348	87.9	1.5	0.3
298	2/23/2015 15:46:05	11.80	48.74	31.73	7.68	7.99	5.1	3.361	86.6	3.4	0.8
299	2/23/2015 16:01:05	11.80	48.73	31.72	7.75	7.99	6.0	3.352	87.5	1.6	0.4
300	2/23/2015 16:16:05	11.82	48.69	31.70	7.79	7.99	7.0	3.335	87.9	1.6	0.4
301	2/23/2015 16:31:05	12.02	48.30	31.42	7.89	8.00	8.3	3.280	89.3	1.1	0.3
302	2/23/2015 16:46:05	12.34	47.77	31.06	8.43	8.03	9.2	3.209	95.8	2.2	0.5
303	2/23/2015 17:01:05	12.23	47.86	31.12	8.27	8.01	7.6	3.128	93.7	2.0	0.5
304	2/23/2015 17:16:05	12.27	47.60	30.93	8.13	8.00	7.5	3.041	92.2	1.6	0.4
305	2/23/2015 17:31:05	12.49	47.10	30.58	8.13	7.99	7.6	2.958	92.3	2.0	0.5
306	2/23/2015 17:46:05	12.50	47.05	30.54	8.11	7.99	6.9	2.862	92.2	2.1	0.5
307	2/23/2015 18:01:05	12.59	46.87	30.41	8.12	7.99	7.8	2.769	92.4	1.9	0.5
308	2/23/2015 18:16:05	12.61	46.70	30.29	8.16	7.99	6.8	2.672	92.8	2.4	0.6
309	2/23/2015 18:31:05	12.61	46.47	30.13	8.23	7.99	7.1	2.598	93.4	2.7	0.7
310	2/23/2015 18:46:05	12.58	46.20	29.93	8.30	7.99	6.5	2.500	94.1	2.9	0.7
311	2/23/2015 19:01:05	12.52	46.22	29.94	8.32	7.99	6.3	2.398	94.2	2.4	0.6
312	2/23/2015 19:16:05	12.49	46.16	29.90	8.24	7.99	7.9	2.316	93.2	2.5	0.6
313	2/23/2015 19:31:05	12.51	46.02	29.80	8.31	7.99	6.4	2.230	94.0	2.4	0.6
314	2/23/2015 19:46:05	12.49	45.98	29.77	8.35	8.00	5.8	2.153	94.4	2.9	0.7
315	2/23/2015 20:01:05	12.57	45.77	29.62	8.42	8.01	6.0	2.073	95.2	2.3	0.5
316	2/23/2015 20:16:05	12.54	45.77	29.62	8.45	8.01	5.5	2.009	95.6	3.1	0.7
317	2/23/2015 20:31:05	12.55	45.67	29.55	8.51	8.01	5.6	1.962	96.2	2.5	0.6
318	2/23/2015 20:46:05	12.59	45.58	29.49	8.54	8.01	5.1	1.914	96.5	2.8	0.7
319	2/23/2015 21:01:05	12.62	45.53	29.46	8.52	8.01	5.0	1.889	96.4	2.6	0.6
320	2/23/2015 21:16:05	12.58	45.54	29.46	8.55	8.01	5.0	1.908	96.6	3.3	0.8
321	2/23/2015 21:31:05	12.56	45.62	29.51	8.51	8.01	4.8	1.923	96.2	2.8	0.7
322	2/23/2015 21:46:05	12.56	45.65	29.54	8.46	8.00	5.3	1.954	95.6	2.7	0.6
323	2/23/2015 22:01:05	12.55	45.66	29.55	8.45	8.00	5.3	2.024	95.5	2.7	0.6
324	2/23/2015 22:16:05	12.55	45.71	29.58	8.41	8.00	5.9	2.098	95.0	2.3	0.5
325	2/23/2015 22:31:05	12.61	45.37	29.34	8.35	7.99	7.2	2.180	94.4	3.1	0.7
326	2/23/2015 22:46:05	12.60	45.45	29.40	8.32	7.98	7.0	2.261	94.1	3.0	0.7
327	2/23/2015 23:01:05	12.58	45.73	29.60	8.29	7.99	7.0	2.352	93.8	2.6	0.6
328	2/23/2015 23:16:05	12.57	46.18	29.92	8.23	7.98	7.2	2.430	93.3	2.4	0.6
329	2/23/2015 23:31:05	12.49	46.45	30.11	8.17	7.98	6.5	2.515	92.5	2.9	0.7
330	2/23/2015 23:46:05	12.40	46.74	30.32	8.12	7.98	6.5	2.597	91.9	2.5	0.6
331	2/24/2015 00:01:06	12.37	46.94	30.46	8.11	7.98	6.2	2.674	91.8	2.1	0.5
332	2/24/2015 00:16:05	12.34	47.01	30.51	8.13	7.99	6.7	2.761	92.1	2.0	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	Fluorescence %FS
333	2/24/2015 00:31:05	12.33	47.08	30.56	8.15	7.99	6.5	2.836	92.2	2.2	0.5
334	2/24/2015 00:46:05	12.28	47.30	30.72	8.10	7.99	7.9	2.930	91.7	2.3	0.5
335	2/24/2015 01:01:05	12.12	47.52	30.86	8.06	7.99	10.2	3.010	91.1	2.8	0.7
336	2/24/2015 01:16:05	12.02	47.74	31.02	8.05	7.99	11.7	3.106	90.8	2.4	0.6
337	2/24/2015 01:31:05	11.93	47.99	31.19	8.05	7.99	10.0	3.205	90.7	2.3	0.5
338	2/24/2015 01:46:05	11.87	48.16	31.31	8.04	7.99	10.6	3.296	90.6	2.0	0.5
339	2/24/2015 02:01:05	11.75	48.48	31.54	8.00	7.99	11.6	3.395	90.1	1.9	0.4
340	2/24/2015 02:16:05	11.63	48.86	31.81	7.97	8.00	11.9	3.496	89.6	2.0	0.5
341	2/24/2015 02:31:05	11.54	49.09	31.97	7.95	8.00	11.8	3.574	89.3	1.6	0.4
342	2/24/2015 02:46:05	11.46	49.28	32.10	7.94	8.00	12.3	3.654	89.2	1.6	0.4
343	2/24/2015 03:01:05	11.44	49.38	32.18	7.94	8.00	9.2	3.723	89.2	1.1	0.3
344	2/24/2015 03:16:05	11.43	49.44	32.22	7.93	8.00	8.3	3.790	89.1	1.4	0.3
345	2/24/2015 03:31:06	11.40	49.49	32.26	7.92	8.01	6.8	3.814	88.9	1.7	0.4
346	2/24/2015 03:46:05	11.39	49.50	32.26	7.83	8.00	4.5	3.841	87.9	1.3	0.3
347	2/24/2015 04:01:05	11.43	49.34	32.15	7.85	8.00	6.4	3.859	88.1	1.1	0.3
348	2/24/2015 04:16:05	11.42	49.39	32.19	7.87	8.00	6.8	3.835	88.3	1.6	0.4
349	2/24/2015 04:31:05	11.39	49.45	32.22	7.88	8.00	7.7	3.792	88.4	1.1	0.3
350	2/24/2015 04:46:05	11.45	48.86	31.80	7.91	7.99	7.8	3.727	88.6	1.1	0.3
351	2/24/2015 05:01:05	11.45	48.50	31.54	7.95	7.99	6.7	3.649	88.9	1.5	0.4
352	2/24/2015 05:16:05	11.46	48.20	31.33	7.98	7.99	5.7	3.563	89.1	1.3	0.3
353	2/24/2015 05:31:05	11.50	48.25	31.36	7.97	7.99	6.1	3.451	89.1	1.4	0.3
354	2/24/2015 05:46:05	11.57	48.00	31.19	7.96	7.98	8.7	3.345	89.0	1.8	0.4
355	2/24/2015 06:01:05	11.62	47.65	30.93	8.00	7.98	7.2	3.244	89.4	1.4	0.3
356	2/24/2015 06:16:05	11.61	47.56	30.87	8.00	7.98	6.8	3.135	89.4	2.0	0.5
357	2/24/2015 06:31:05	11.61	47.41	30.76	7.98	7.98	5.7	3.027	89.1	1.7	0.4
358	2/24/2015 06:46:05	11.58	47.23	30.63	8.00	7.97	5.3	2.910	89.2	1.7	0.4
359	2/24/2015 07:01:05	11.51	47.37	30.73	8.00	7.98	5.5	2.808	89.2	1.3	0.3
360	2/24/2015 07:16:05	11.39	47.55	30.85	8.01	7.97	5.7	2.697	89.1	2.0	0.5
361	2/24/2015 07:31:05	11.56	46.74	30.28	8.07	7.98	7.4	2.587	89.8	1.7	0.4
362	2/24/2015 07:46:05	11.48	46.54	30.13	8.11	7.98	6.0	2.480	89.9	2.0	0.5
363	2/24/2015 08:01:06	11.49	46.43	30.05	8.17	7.98	5.9	2.372	90.6	2.6	0.6
364	2/24/2015 08:16:05	11.41	46.50	30.10	8.23	7.98	5.9	2.254	91.1	2.1	0.5
365	2/24/2015 08:31:05	11.42	46.44	30.06	8.28	7.99	6.1	2.139	91.7	2.3	0.6
366	2/24/2015 08:46:05	11.47	46.28	29.95	8.34	7.99	6.4	2.038	92.4	2.3	0.5
367	2/24/2015 09:01:05	11.46	46.19	29.88	8.45	8.00	5.6	1.935	93.5	2.2	0.5
368	2/24/2015 09:16:05	11.50	46.10	29.82	8.47	8.00	5.6	1.854	93.8	2.4	0.6
369	2/24/2015 09:31:05	11.56	45.96	29.72	8.49	8.00	5.2	1.776	94.0	1.8	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	Fluorescence %FS
370	2/24/2015 09:46:05	11.60	45.85	29.64	8.42	8.00	4.9	1.707	93.3	2.2	0.5
371	2/24/2015 10:01:06	11.64	45.78	29.59	8.44	8.01	5.1	1.691	93.7	2.1	0.5
372	2/24/2015 10:16:06	11.69	45.79	29.60	8.38	8.00	4.7	1.674	93.1	2.5	0.6
373	2/24/2015 10:31:05	11.69	45.75	29.58	8.42	8.00	4.8	1.680	93.5	2.3	0.5
374	2/24/2015 10:46:05	11.68	45.81	29.62	8.37	8.00	4.4	1.724	92.9	2.6	0.6
375	2/24/2015 11:01:05	11.70	45.80	29.61	8.34	7.99	4.5	1.763	92.6	2.2	0.5
376	2/24/2015 11:16:05	11.78	45.81	29.62	8.32	7.99	4.5	1.836	92.6	2.0	0.5
377	2/24/2015 11:31:06	11.77	45.66	29.51	8.31	7.99	5.5	1.888	92.4	2.4	0.6
378	2/24/2015 11:46:05	11.71	45.55	29.43	8.26	7.98	5.9	1.975	91.7	2.5	0.6
379	2/24/2015 12:01:05	11.69	45.51	29.40	8.24	7.98	6.2	2.051	91.3	2.5	0.6
380	2/24/2015 12:16:06	11.67	45.66	29.51	8.22	7.98	5.8	2.115	91.2	2.2	0.5
381	2/24/2015 12:31:05	11.68	45.85	29.65	8.21	7.98	5.9	2.198	91.2	2.5	0.6
382	2/24/2015 12:46:05	11.72	46.29	29.96	8.10	7.98	5.4	2.258	90.2	2.6	0.6
383	2/24/2015 13:01:05	11.69	46.34	30.00	8.13	7.98	5.1	2.336	90.5	2.3	0.5
384	2/24/2015 13:16:05	11.76	46.72	30.27	8.07	7.98	5.1	2.403	90.1	2.4	0.6
385	2/24/2015 13:31:05	11.84	46.89	30.40	8.06	7.98	5.7	2.477	90.2	2.3	0.6
386	2/24/2015 13:46:05	11.87	46.97	30.46	8.07	7.98	5.4	2.557	90.4	2.1	0.5
387	2/24/2015 14:01:05	11.94	47.03	30.51	8.08	7.98	5.0	2.618	90.7	2.2	0.5
388	2/24/2015 14:16:06	11.94	47.12	30.57	8.07	7.98	4.8	2.683	90.7	1.8	0.4
389	2/24/2015 14:31:06	11.97	47.14	30.58	8.08	7.98	5.0	2.755	90.8	2.2	0.5
390	2/24/2015 14:46:05	11.93	47.19	30.62	8.05	7.98	5.0	2.821	90.4	2.3	0.5
391	2/24/2015 15:01:05	11.96	47.31	30.71	8.05	7.98	5.0	2.886	90.6	2.0	0.5
392	2/24/2015 15:16:05	11.95	47.38	30.75	8.03	7.98	5.1	2.951	90.3	1.9	0.4
393	2/24/2015 15:31:05	11.92	47.48	30.83	8.01	7.98	5.1	3.011	90.1	1.8	0.4
394	2/24/2015 15:46:05	11.96	47.62	30.93	8.02	7.98	5.7	3.066	90.4	2.1	0.5
395	2/24/2015 16:01:05	11.98	47.67	30.96	8.01	7.98	5.1	3.113	90.2	1.8	0.4
396	2/24/2015 16:16:05	12.01	47.76	31.03	7.97	7.98	4.2	3.155	89.9	2.0	0.5
397	2/24/2015 16:31:05	12.03	47.79	31.05	7.97	7.98	4.2	3.180	89.9	1.7	0.4
398	2/24/2015 16:46:05	12.15	47.56	30.89	8.05	7.99	4.4	3.199	91.0	1.4	0.3
399	2/24/2015 17:01:05	12.01	47.70	30.99	7.96	7.98	4.0	3.188	89.7	0.9	0.2
400	2/24/2015 17:16:05	12.03	47.78	31.05	7.96	7.98	5.0	3.167	89.9	1.6	0.4
401	2/24/2015 17:31:06	12.03	47.77	31.04	7.93	7.98	4.3	3.141	89.5	1.7	0.4
402	2/24/2015 17:46:05	12.02	47.67	30.97	7.95	7.98	5.5	3.082	89.7	1.6	0.4
403	2/24/2015 18:01:05	12.04	47.40	30.77	8.15	7.99	4.9	3.020	91.8	1.9	0.4
404	2/24/2015 18:16:05	11.97	47.38	30.76	8.13	7.99	5.3	2.946	91.4	1.4	0.3
405	2/24/2015 18:31:05	11.91	47.42	30.78	8.01	7.98	4.9	2.884	90.0	2.7	0.6
406	2/24/2015 18:46:05	11.88	47.38	30.75	8.01	7.98	5.1	2.813	89.9	2.3	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	Fluorescence %FS
407	2/24/2015 19:01:05	11.88	47.32	30.71	8.03	7.98	4.9	2.732	90.2	2.3	0.5
408	2/24/2015 19:16:05	12.02	47.00	30.48	8.05	7.98	5.1	2.662	90.5	2.4	0.6
409	2/24/2015 19:31:05	12.07	46.85	30.38	8.16	7.98	5.3	2.602	91.7	2.1	0.5
410	2/24/2015 19:46:05	12.04	46.59	30.19	8.18	7.99	4.8	2.528	91.9	2.4	0.6
411	2/24/2015 20:01:05	12.07	46.33	30.01	8.31	8.00	5.1	2.452	93.3	2.1	0.5
412	2/24/2015 20:16:05	12.06	46.25	29.95	8.42	8.00	4.5	2.387	94.4	2.7	0.6
413	2/24/2015 20:31:06	11.99	46.39	30.05	8.35	8.00	4.7	2.331	93.6	2.1	0.5
414	2/24/2015 20:46:06	12.08	46.17	29.90	8.48	8.01	4.0	2.270	95.1	2.7	0.6
415	2/24/2015 21:01:06	12.16	46.07	29.82	8.61	8.02	4.3	2.233	96.7	2.7	0.6
416	2/24/2015 21:16:06	12.19	46.04	29.80	8.61	8.03	4.0	2.192	96.7	2.2	0.5
417	2/24/2015 21:31:06	12.24	45.95	29.74	8.65	8.03	3.7	2.169	97.3	2.5	0.6
418	2/24/2015 21:46:06	12.22	45.91	29.71	8.62	8.03	4.1	2.153	96.9	2.4	0.6
419	2/24/2015 22:01:06	12.16	46.03	29.79	8.45	8.02	3.4	2.144	94.9	2.1	0.5
420	2/24/2015 22:16:06	12.09	46.13	29.86	8.42	8.01	4.0	2.171	94.5	1.8	0.4
421	2/24/2015 22:31:05	12.09	46.10	29.84	8.41	8.00	3.9	2.181	94.3	2.5	0.6
422	2/24/2015 22:46:05	12.05	46.16	29.89	8.42	8.00	4.7	2.228	94.3	2.9	0.7
423	2/24/2015 23:01:05	12.04	46.14	29.87	8.42	8.00	4.0	2.284	94.4	2.4	0.6
424	2/24/2015 23:16:05	12.06	46.15	29.87	8.37	8.00	4.5	2.332	93.9	2.7	0.6
425	2/24/2015 23:31:05	12.08	46.14	29.87	8.33	7.99	4.5	2.393	93.4	2.6	0.6
426	2/24/2015 23:46:05	12.08	46.34	30.01	8.27	7.99	4.4	2.465	92.9	2.2	0.5
427	2/25/2015 00:01:06	12.10	46.45	30.09	8.25	7.99	4.5	2.536	92.7	2.5	0.6
428	2/25/2015 00:16:06	12.11	46.62	30.22	8.22	7.99	4.5	2.594	92.5	2.3	0.5
429	2/25/2015 00:31:06	12.09	46.98	30.47	8.14	7.98	4.7	2.666	91.7	2.0	0.5
430	2/25/2015 00:46:05	12.01	47.13	30.58	8.11	7.98	4.7	2.729	91.2	2.2	0.5
431	2/25/2015 01:01:05	11.97	47.28	30.69	8.09	7.98	5.0	2.807	90.9	2.0	0.5
432	2/25/2015 01:16:05	11.95	47.40	30.77	8.08	7.98	4.7	2.875	90.8	1.8	0.4
433	2/25/2015 01:31:05	11.92	47.55	30.88	8.07	7.98	5.0	2.933	90.8	1.7	0.4
434	2/25/2015 01:46:05	11.88	47.71	30.99	8.04	7.98	4.7	3.026	90.4	1.8	0.4
435	2/25/2015 02:01:05	11.83	47.89	31.12	8.03	7.98	6.3	3.090	90.2	1.5	0.4
436	2/25/2015 02:16:05	11.76	48.08	31.26	8.00	7.98	7.2	3.179	89.9	2.0	0.5
437	2/25/2015 02:31:05	11.73	48.16	31.31	7.99	7.98	6.7	3.263	89.7	1.7	0.4
438	2/25/2015 02:46:05	11.64	48.32	31.42	7.97	7.98	7.2	3.335	89.4	1.8	0.4
439	2/25/2015 03:01:05	11.51	48.61	31.63	7.95	7.99	7.5	3.420	89.1	1.6	0.4
440	2/25/2015 03:16:05	11.47	48.75	31.72	7.93	7.99	7.9	3.494	88.8	5.5	1.3
441	2/25/2015 03:31:05	11.42	48.89	31.82	7.91	7.99	6.2	3.565	88.6	1.3	0.3
442	2/25/2015 03:46:06	11.40	49.14	32.00	7.89	7.99	6.4	3.628	88.3	1.5	0.4
443	2/25/2015 04:01:05	11.39	49.17	32.02	7.87	7.99	5.6	3.680	88.2	1.5	0.4

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	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
444	2/25/2015 04:16:05	11.36	49.24	32.07	7.86	7.99	5.0	3.715	88.0	1.6	0.4
445	2/25/2015 04:31:05	11.34	49.33	32.13	7.83	7.99	3.9	3.742	87.7	1.5	0.3
446	2/25/2015 04:46:05	11.38	49.11	31.98	7.79	7.99	4.7	3.753	87.2	0.7	0.2
447	2/25/2015 05:01:06	11.35	49.32	32.13	7.79	7.99	4.9	3.744	87.2	1.4	0.3
448	2/25/2015 05:16:05	11.34	49.33	32.14	7.79	7.99	5.4	3.719	87.3	1.0	0.2
449	2/25/2015 05:31:06	11.35	49.11	31.98	7.80	7.99	5.1	3.665	87.3	1.5	0.4
450	2/25/2015 05:46:06	11.49	48.17	31.31	7.87	7.97	5.6	3.596	88.0	1.9	0.5
451	2/25/2015 06:01:05	11.42	48.18	31.31	7.93	7.98	5.4	3.526	88.5	1.7	0.4
452	2/25/2015 06:16:05	11.42	48.15	31.29	7.91	7.97	4.6	3.427	88.3	1.4	0.3
453	2/25/2015 06:31:06	11.45	48.01	31.19	7.91	7.97	5.7	3.332	88.3	1.4	0.3
454	2/25/2015 06:46:06	11.46	47.93	31.13	7.94	7.97	5.0	3.242	88.6	1.3	0.3
455	2/25/2015 07:01:06	11.49	47.71	30.97	7.97	7.97	4.5	3.153	88.8	1.1	0.3
456	2/25/2015 07:16:06	11.43	47.84	31.06	7.95	7.97	4.2	3.055	88.6	1.5	0.4
457	2/25/2015 07:31:06	11.46	47.75	31.00	7.97	7.97	4.0	2.957	88.8	1.8	0.4
458	2/25/2015 07:46:05	11.41	47.98	31.16	7.94	7.97	4.4	2.871	88.5	1.2	0.3
459	2/25/2015 08:01:06	11.43	47.74	30.99	7.99	7.97	4.3	2.752	89.0	1.6	0.4
460	2/25/2015 08:16:06	11.57	46.89	30.39	8.08	7.98	5.2	2.662	89.9	1.7	0.4
461	2/25/2015 08:31:06	11.51	47.10	30.53	8.16	7.99	5.0	2.553	90.8	1.8	0.4
462	2/25/2015 08:46:05	11.56	46.79	30.31	8.24	7.99	4.4	2.454	91.6	2.1	0.5
463	2/25/2015 09:01:05	11.54	47.07	30.52	8.39	8.00	4.4	2.341	93.4	1.7	0.4
464	2/25/2015 09:16:05	11.65	46.39	30.03	8.47	8.00	4.5	2.233	94.2	1.8	0.4
465	2/25/2015 09:31:05	11.72	46.87	30.38	8.62	8.01	4.3	2.137	96.3	2.0	0.5
466	2/25/2015 09:46:05	11.80	46.61	30.19	8.66	8.02	3.9	2.033	96.8	2.1	0.5
467	2/25/2015 10:01:05	11.87	46.50	30.12	8.76	8.03	4.2	1.919	98.0	1.6	0.4
468	2/25/2015 10:16:05	11.96	46.46	30.09	8.78	8.03	4.3	1.844	98.4	2.4	0.6
469	2/25/2015 10:31:05	11.96	46.34	30.01	8.72	8.03	4.5	1.780	97.6	2.7	0.6
470	2/25/2015 10:46:05	12.01	46.24	29.94	8.77	8.03	4.0	1.707	98.3	2.4	0.6
471	2/25/2015 11:01:05	12.05	46.19	29.90	8.75	8.03	3.6	1.673	98.0	1.9	0.4
472	2/25/2015 11:16:05	12.11	46.19	29.91	8.66	8.03	3.9	1.659	97.2	1.8	0.4
473	2/25/2015 11:31:05	12.04	46.23	29.93	8.71	8.03	3.7	1.665	97.7	2.3	0.5
474	2/25/2015 11:46:05	11.99	46.24	29.94	8.65	8.02	3.5	1.679	96.8	2.1	0.5
475	2/25/2015 12:01:05	11.88	46.24	29.93	8.54	8.01	3.4	1.723	95.4	2.6	0.6
476	2/25/2015 12:16:05	11.91	46.24	29.94	8.54	8.01	3.4	1.786	95.4	2.4	0.6
477	2/25/2015 12:31:05	11.91	46.22	29.92	8.49	8.00	3.2	1.839	94.9	2.6	0.6
478	2/25/2015 12:46:05	11.89	45.98	29.75	8.47	8.00	4.2	1.907	94.5	3.2	0.8
479	2/25/2015 13:01:05	11.87	46.08	29.82	8.43	7.99	4.0	1.966	94.1	2.5	0.6
480	2/25/2015 13:16:06	11.85	46.03	29.78	8.38	7.99	4.5	2.027	93.5	2.2	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	Fluorescence %FS
481	2/25/2015 13:31:06	11.82	46.01	29.76	8.38	7.99	4.3	2.096	93.4	2.2	0.5
482	2/25/2015 13:46:05	11.82	46.08	29.82	8.36	7.99	4.1	2.134	93.2	2.1	0.5
483	2/25/2015 14:01:05	11.77	46.29	29.96	8.24	7.98	4.0	2.205	91.9	2.2	0.5
484	2/25/2015 14:16:05	11.78	46.47	30.09	8.24	7.98	3.7	2.265	91.9	2.4	0.6
485	2/25/2015 14:31:05	11.87	46.48	30.11	8.29	7.99	3.7	2.316	92.7	2.4	0.6
486	2/25/2015 14:46:05	11.85	46.69	30.26	8.22	7.98	3.9	2.380	92.0	2.3	0.6
487	2/25/2015 15:01:05	11.81	46.98	30.47	8.14	7.98	4.0	2.449	91.1	2.7	0.6
488	2/25/2015 15:16:05	11.81	47.15	30.59	8.13	7.98	3.7	2.505	91.0	1.9	0.4
489	2/25/2015 15:31:05	11.82	47.18	30.61	8.10	7.98	4.0	2.580	90.7	2.4	0.6
490	2/25/2015 15:46:05	11.87	47.22	30.64	8.11	7.97	3.8	2.642	91.0	2.3	0.5
491	2/25/2015 16:01:05	11.86	47.20	30.62	8.11	7.98	3.6	2.697	90.9	1.9	0.4
492	2/25/2015 16:16:05	11.89	47.26	30.66	8.13	7.98	3.7	2.762	91.3	2.5	0.6
493	2/25/2015 16:31:05	11.82	47.29	30.69	8.10	7.98	3.5	2.819	90.8	1.9	0.4
494	2/25/2015 16:46:05	11.81	47.44	30.80	8.07	7.98	3.4	2.875	90.5	1.7	0.4
495	2/25/2015 17:01:05	11.80	47.47	30.82	8.04	7.98	3.7	2.910	90.1	1.9	0.4
496	2/25/2015 17:16:05	11.77	47.54	30.87	8.02	7.97	3.4	2.940	89.9	1.9	0.5
497	2/25/2015 17:31:05	11.77	47.55	30.87	7.99	7.97	3.1	2.985	89.5	2.4	0.6
498	2/25/2015 17:46:05	11.76	47.60	30.91	7.94	7.97	2.9	3.013	89.0	2.2	0.5
499	2/25/2015 18:01:05	11.76	47.60	30.91	7.85	7.97	3.0	3.009	88.0	1.5	0.4
500	2/25/2015 18:16:05	11.77	47.58	30.89	7.90	7.97	2.8	3.002	88.5	2.0	0.5
501	2/25/2015 18:31:05	11.76	47.61	30.91	7.94	7.97	3.4	3.008	89.1	1.9	0.5
502	2/25/2015 18:46:05	11.75	47.59	30.90	7.95	7.97	3.1	2.995	89.1	1.4	0.3
503	2/25/2015 19:01:06	11.77	47.53	30.86	8.01	7.98	5.4	2.923	89.8	2.0	0.5
504	2/25/2015 19:16:05	11.75	47.47	30.81	8.10	7.98	6.0	2.892	90.8	2.4	0.6
505	2/25/2015 19:31:06	11.74	47.51	30.84	8.12	7.98	7.7	2.856	91.0	2.6	0.6
506	2/25/2015 19:46:05	11.75	47.43	30.78	8.13	7.97	7.8	2.780	91.1	2.7	0.6
507	2/25/2015 20:01:05	11.74	47.45	30.80	8.11	7.97	9.3	2.722	90.8	2.9	0.7
508	2/25/2015 20:16:06	11.74	47.46	30.81	8.09	7.97	8.8	2.678	90.6	2.0	0.5
509	2/25/2015 20:31:06	11.82	47.26	30.67	8.16	7.97	9.5	2.599	91.5	2.1	0.5
510	2/25/2015 20:46:06	11.87	47.15	30.58	8.24	7.98	10.0	2.553	92.4	2.5	0.6
511	2/25/2015 21:01:06	11.83	47.11	30.55	8.29	7.98	9.1	2.509	92.9	2.9	0.7
512	2/25/2015 21:16:06	11.85	46.97	30.46	8.29	7.98	9.6	2.425	92.8	2.7	0.6
513	2/25/2015 21:31:05	11.83	46.83	30.35	8.29	7.98	9.4	2.392	92.8	2.5	0.6
514	2/25/2015 21:46:05	11.88	46.51	30.13	8.35	7.98	10.0	2.352	93.4	2.7	0.7
515	2/25/2015 22:01:05	11.87	46.50	30.12	8.29	7.98	10.3	2.319	92.7	2.6	0.6
516	2/25/2015 22:16:06	11.87	46.46	30.09	8.26	7.98	9.8	2.279	92.3	2.7	0.6
517	2/25/2015 22:31:05	11.85	46.59	30.18	8.26	7.98	10.3	2.243	92.3	2.8	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	Fluorescence %FS
518	2/25/2015 22:46:06	11.89	46.48	30.11	8.14	7.98	8.4	2.243	91.1	3.7	0.9
519	2/25/2015 23:01:05	11.90	46.55	30.16	8.20	7.97	9.2	2.251	91.8	2.5	0.6
520	2/25/2015 23:16:05	11.93	46.59	30.18	8.21	7.98	7.0	2.217	92.0	3.1	0.7
521	2/25/2015 23:31:05	11.86	46.50	30.12	8.25	7.98	7.5	2.244	92.3	2.8	0.7
522	2/25/2015 23:46:05	11.88	46.41	30.06	8.34	7.98	7.6	2.300	93.2	2.6	0.6
523	2/26/2015 00:01:05	11.89	46.40	30.05	8.32	7.98	8.5	2.323	93.0	3.0	0.7
524	2/26/2015 00:16:05	11.89	46.59	30.18	8.24	7.98	7.5	2.336	92.3	2.8	0.7
525	2/26/2015 00:31:06	11.91	46.77	30.32	8.24	7.98	7.6	2.403	92.3	2.0	0.5
526	2/26/2015 00:46:05	11.91	46.57	30.18	8.29	7.98	7.5	2.453	92.8	2.2	0.5
527	2/26/2015 01:01:05	11.91	46.73	30.29	8.25	7.98	7.1	2.518	92.4	2.3	0.6
528	2/26/2015 01:16:05	11.91	46.78	30.33	8.25	7.98	7.6	2.560	92.5	3.1	0.7
529	2/26/2015 01:31:05	11.90	46.89	30.40	8.23	7.98	6.0	2.620	92.3	2.3	0.5
530	2/26/2015 01:46:05	11.87	47.04	30.51	8.20	7.98	6.3	2.694	92.0	2.2	0.5
531	2/26/2015 02:01:05	11.82	47.27	30.67	8.20	7.98	5.4	2.755	91.9	2.1	0.5
532	2/26/2015 02:16:05	11.80	47.63	30.93	8.10	7.98	5.8	2.811	90.9	2.2	0.5
533	2/26/2015 02:31:06	11.75	47.92	31.14	8.05	7.98	4.6	2.879	90.3	2.1	0.5
534	2/26/2015 02:46:06	11.72	48.06	31.24	8.03	7.98	4.7	2.947	90.1	2.0	0.5
535	2/26/2015 03:01:05	11.71	48.13	31.29	8.02	7.98	5.1	3.007	90.0	1.8	0.4
536	2/26/2015 03:16:05	11.68	48.21	31.35	8.00	7.98	5.0	3.078	89.8	1.8	0.4
537	2/26/2015 03:31:05	11.68	48.19	31.33	8.00	7.98	5.6	3.150	89.7	1.9	0.4
538	2/26/2015 03:46:06	11.63	48.38	31.47	8.00	7.98	7.3	3.222	89.7	1.8	0.4
539	2/26/2015 04:01:05	11.61	48.49	31.54	7.97	7.98	6.8	3.288	89.4	2.2	0.5
540	2/26/2015 04:16:05	11.59	48.56	31.60	7.96	7.98	6.1	3.351	89.3	1.7	0.4
541	2/26/2015 04:31:05	11.57	48.61	31.63	7.95	7.98	5.1	3.414	89.2	2.0	0.5
542	2/26/2015 04:46:05	11.54	48.71	31.70	7.93	7.98	5.8	3.466	88.9	1.7	0.4
543	2/26/2015 05:01:05	11.50	48.81	31.77	7.92	7.98	4.5	3.499	88.8	1.5	0.4
544	2/26/2015 05:16:05	11.49	48.88	31.82	7.89	7.98	4.0	3.534	88.5	1.6	0.4
545	2/26/2015 05:31:05	11.48	48.82	31.78	7.85	7.98	3.6	3.548	88.0	1.9	0.5
546	2/26/2015 05:46:05	11.50	48.79	31.75	7.86	7.98	5.1	3.554	88.1	1.8	0.4
547	2/26/2015 06:01:06	11.49	48.90	31.83	7.83	7.98	5.0	3.550	87.7	1.5	0.4
548	2/26/2015 06:16:05	11.48	48.86	31.80	7.85	7.98	5.6	3.504	88.0	1.8	0.4
549	2/26/2015 06:31:05	11.45	48.08	31.24	7.92	7.97	6.8	3.462	88.4	1.8	0.4
550	2/26/2015 06:46:05	11.53	48.05	31.22	7.83	7.96	5.1	3.423	87.5	1.6	0.4
551	2/26/2015 07:01:05	11.46	47.96	31.15	7.93	7.97	4.5	3.348	88.5	1.7	0.4
552	2/26/2015 07:16:05	11.44	48.12	31.27	7.96	7.97	4.3	3.258	88.9	1.8	0.4
553	2/26/2015 07:31:05	11.51	47.88	31.09	7.96	7.97	4.3	3.196	88.9	1.4	0.3
554	2/26/2015 07:46:05	11.56	47.85	31.08	7.93	7.97	4.3	3.106	88.6	1.6	0.4

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	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
555	2/26/2015 08:01:05	11.57	47.77	31.02	7.97	7.97	4.1	3.016	89.1	1.7	0.4
556	2/26/2015 08:16:05	11.59	47.73	31.00	8.01	7.97	4.3	2.935	89.5	1.6	0.4
557	2/26/2015 08:31:05	11.61	47.54	30.85	8.05	7.97	4.9	2.846	89.9	2.0	0.5
558	2/26/2015 08:46:05	11.65	47.48	30.81	8.08	7.97	4.6	2.756	90.3	1.8	0.4
559	2/26/2015 09:01:05	11.68	47.46	30.81	8.15	7.98	4.4	2.651	91.1	1.9	0.4
560	2/26/2015 09:16:05	11.71	47.31	30.70	8.22	7.98	5.2	2.555	91.9	2.1	0.5
561	2/26/2015 09:31:05	11.78	47.19	30.61	8.38	7.99	4.8	2.464	93.9	1.5	0.4
562	2/26/2015 09:46:05	11.85	46.83	30.36	8.33	8.00	5.8	2.363	93.3	1.9	0.4
563	2/26/2015 10:01:05	12.03	47.19	30.63	8.57	8.02	4.8	2.257	96.5	2.4	0.6
564	2/26/2015 10:16:05	12.04	46.75	30.31	8.69	8.02	4.8	2.168	97.7	2.2	0.5
565	2/26/2015 10:31:05	12.12	46.67	30.25	8.74	8.02	5.1	2.055	98.4	1.8	0.4
566	2/26/2015 10:46:05	12.19	46.61	30.21	8.76	8.02	5.3	1.950	98.7	2.2	0.5
567	2/26/2015 11:01:05	12.32	46.57	30.19	8.83	8.03	5.1	1.861	99.8	2.4	0.6
568	2/26/2015 11:16:05	12.42	46.55	30.18	8.90	8.04	5.1	1.780	100.7	2.5	0.6
569	2/26/2015 11:31:05	12.46	46.46	30.12	8.88	8.05	4.8	1.704	100.5	2.7	0.6
570	2/26/2015 11:46:05	12.44	46.40	30.07	8.83	8.05	4.7	1.657	99.9	2.5	0.6
571	2/26/2015 12:01:05	12.40	46.32	30.01	8.73	8.05	4.3	1.605	98.7	2.4	0.6
572	2/26/2015 12:16:05	12.41	46.31	30.00	8.70	8.05	4.3	1.570	98.3	2.7	0.6
573	2/26/2015 12:31:05	12.53	46.29	29.99	8.74	8.05	4.4	1.580	99.0	2.7	0.6
574	2/26/2015 12:46:05	12.40	46.33	30.02	8.77	8.04	4.5	1.587	99.1	2.9	0.7
575	2/26/2015 13:01:05	12.35	46.33	30.02	8.71	8.03	4.7	1.592	98.4	2.7	0.6
576	2/26/2015 13:16:05	12.26	46.27	29.97	8.62	8.03	4.5	1.635	97.1	1.7	0.4
577	2/26/2015 13:31:05	12.27	46.27	29.97	8.62	8.02	4.5	1.687	97.1	3.0	0.7
578	2/26/2015 13:46:05	12.26	46.24	29.95	8.59	8.02	4.6	1.739	96.8	2.8	0.7
579	2/26/2015 14:01:05	12.23	46.24	29.95	8.56	8.02	4.5	1.786	96.4	2.6	0.6
580	2/26/2015 14:16:05	12.21	46.09	29.84	8.48	8.01	5.3	1.841	95.4	2.5	0.6
581	2/26/2015 14:31:05	12.21	46.13	29.87	8.50	8.01	5.0	1.903	95.5	2.6	0.6
582	2/26/2015 14:46:05	12.16	46.14	29.87	8.45	8.00	5.1	1.962	94.9	2.2	0.5
583	2/26/2015 15:01:06	12.11	46.19	29.91	8.39	8.00	4.9	2.020	94.1	1.8	0.4
584	2/26/2015 15:16:06	12.12	46.06	29.82	8.40	8.00	4.8	2.068	94.3	2.6	0.6
585	2/26/2015 15:31:05	12.09	46.05	29.80	8.38	8.00	5.3	2.146	94.0	2.2	0.5
586	2/26/2015 15:46:05	12.07	46.23	29.93	8.38	8.00	5.1	2.206	94.0	2.5	0.6
587	2/26/2015 16:01:05	12.05	46.39	30.05	8.36	7.99	4.8	2.263	93.8	2.2	0.5
588	2/26/2015 16:16:06	11.93	46.90	30.41	8.24	7.98	4.2	2.338	92.4	2.0	0.5
589	2/26/2015 16:31:05	11.86	47.12	30.56	8.19	7.98	4.1	2.404	91.8	2.4	0.6
590	2/26/2015 16:46:05	11.85	47.22	30.64	8.18	7.98	3.7	2.466	91.8	1.8	0.4
591	2/26/2015 17:01:05	11.85	47.30	30.69	8.21	7.98	4.0	2.531	92.1	2.3	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	Fluorescence %FS
592	2/26/2015 17:16:05	11.83	47.34	30.73	8.20	7.98	3.7	2.587	91.9	2.0	0.5
593	2/26/2015 17:31:05	11.80	47.43	30.79	8.15	7.98	3.7	2.648	91.4	1.7	0.4
594	2/26/2015 17:46:05	11.77	47.52	30.85	8.13	7.97	3.7	2.710	91.1	2.0	0.5
595	2/26/2015 18:01:05	11.75	47.57	30.89	8.10	7.97	3.8	2.756	90.7	2.3	0.5
596	2/26/2015 18:16:05	11.76	47.65	30.94	8.08	7.97	3.6	2.806	90.6	2.6	0.6
597	2/26/2015 18:31:06	11.75	47.71	30.98	8.04	7.97	3.5	2.853	90.2	2.2	0.5
598	2/26/2015 18:46:06	11.73	47.78	31.03	8.03	7.97	3.7	2.894	90.1	2.6	0.6
599	2/26/2015 19:01:06	11.73	47.81	31.06	7.98	7.97	3.4	2.919	89.5	2.7	0.6
600	2/26/2015 19:16:05	11.73	47.78	31.04	7.97	7.97	2.5	2.944	89.4	2.4	0.6
601	2/26/2015 19:31:05	11.76	47.69	30.97	7.94	7.97	3.2	2.941	89.0	1.9	0.5
602	2/26/2015 19:46:05	11.73	47.83	31.07	7.90	7.97	3.1	2.944	88.6	2.1	0.5
603	2/26/2015 20:01:06	11.73	47.84	31.08	7.91	7.97	3.3	2.931	88.7	1.6	0.4
604	2/26/2015 20:16:05	11.73	47.78	31.03	7.94	7.97	4.1	2.900	89.0	1.7	0.4
605	2/26/2015 20:31:06	11.73	47.77	31.03	7.93	7.97	3.4	2.868	88.9	1.7	0.4
606	2/26/2015 20:46:06	11.74	47.70	30.98	7.92	7.97	4.2	2.834	88.8	2.0	0.5
607	2/26/2015 21:01:06	11.75	47.63	30.93	7.97	7.97	4.9	2.779	89.3	2.3	0.5
608	2/26/2015 21:16:05	11.80	47.42	30.78	8.03	7.97	4.8	2.725	90.0	2.0	0.5
609	2/26/2015 21:31:05	11.86	47.30	30.69	8.10	7.97	4.5	2.677	90.8	2.4	0.6
610	2/26/2015 21:46:05	11.88	47.17	30.60	8.14	7.97	4.3	2.617	91.3	2.0	0.5
611	2/26/2015 22:01:05	11.87	47.22	30.64	8.11	7.97	4.6	2.565	91.0	2.3	0.5
612	2/26/2015 22:16:06	11.88	47.15	30.59	8.10	7.97	4.3	2.529	90.9	2.3	0.5
613	2/26/2015 22:31:06	11.89	47.02	30.50	8.09	7.97	4.3	2.475	90.7	2.6	0.6
614	2/26/2015 22:46:05	11.85	46.97	30.46	8.02	7.96	4.6	2.426	89.8	2.7	0.6
615	2/26/2015 23:01:05	11.89	46.67	30.24	8.04	7.97	4.5	2.380	90.0	2.2	0.5
616	2/26/2015 23:16:06	11.92	46.57	30.17	8.02	7.97	4.7	2.366	89.8	2.4	0.6
617	2/26/2015 23:31:06	11.95	46.44	30.08	8.05	7.97	4.2	2.319	90.1	3.1	0.7
618	2/26/2015 23:46:06	11.94	46.43	30.07	8.04	7.97	4.2	2.278	90.0	2.3	0.5
619	2/27/2015 00:01:06	11.91	46.67	30.24	7.84	7.96	3.1	2.294	87.8	2.3	0.6
620	2/27/2015 00:16:05	11.92	46.73	30.28	7.96	7.96	3.9	2.286	89.2	2.1	0.5
621	2/27/2015 00:31:06	11.97	46.19	29.90	8.05	7.98	3.3	2.277	90.1	2.7	0.6
622	2/27/2015 00:46:06	11.96	46.22	29.92	8.05	7.98	3.7	2.288	90.1	2.5	0.6
623	2/27/2015 01:01:05	11.92	46.73	30.28	8.04	7.96	4.0	2.322	90.1	2.1	0.5
624	2/27/2015 01:16:05	11.92	46.86	30.38	8.07	7.97	4.5	2.362	90.5	2.3	0.5
625	2/27/2015 01:31:05	11.93	46.94	30.44	8.09	7.97	4.0	2.390	90.7	2.6	0.6
626	2/27/2015 01:46:06	11.94	46.56	30.17	8.15	7.97	4.3	2.449	91.3	2.2	0.5
627	2/27/2015 02:01:05	11.93	46.88	30.40	8.12	7.97	3.9	2.493	91.1	2.1	0.5
628	2/27/2015 02:16:06	11.92	47.01	30.49	8.11	7.97	3.7	2.549	90.9	1.5	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	Fluorescence %FS
629	2/27/2015 02:31:05	11.87	47.19	30.62	8.08	7.97	4.1	2.615	90.6	1.9	0.4
630	2/27/2015 02:46:05	11.84	47.19	30.62	8.06	7.97	4.2	2.652	90.3	1.5	0.4
631	2/27/2015 03:01:05	11.80	47.50	30.84	8.02	7.97	3.8	2.718	90.0	1.7	0.4
632	2/27/2015 03:16:06	11.76	47.75	31.01	8.00	7.97	3.8	2.777	89.8	1.9	0.5
633	2/27/2015 03:31:06	11.73	47.84	31.08	7.99	7.97	3.8	2.836	89.6	1.9	0.5
634	2/27/2015 03:46:05	11.70	48.03	31.22	7.96	7.97	3.7	2.885	89.3	1.7	0.4
635	2/27/2015 04:01:06	11.67	48.29	31.40	7.94	7.97	3.9	2.961	89.1	1.9	0.4
636	2/27/2015 04:16:06	11.65	48.41	31.49	7.94	7.97	3.9	3.028	89.1	1.3	0.3
637	2/27/2015 04:31:05	11.63	48.45	31.51	7.92	7.97	3.9	3.082	88.9	1.8	0.4
638	2/27/2015 04:46:05	11.61	48.56	31.59	7.91	7.97	3.9	3.155	88.8	2.0	0.5
639	2/27/2015 05:01:05	11.60	48.60	31.62	7.92	7.97	4.6	3.228	88.8	2.0	0.5
640	2/27/2015 05:16:05	11.57	48.74	31.72	7.93	7.97	4.6	3.287	89.0	1.8	0.4
641	2/27/2015 05:31:05	11.54	48.84	31.79	7.91	7.97	4.8	3.328	88.8	1.9	0.5
642	2/27/2015 05:46:05	11.51	48.92	31.85	7.90	7.97	4.1	3.376	88.7	1.6	0.4
643	2/27/2015 06:01:05	11.47	49.04	31.93	7.88	7.97	3.9	3.429	88.4	1.3	0.3
644	2/27/2015 06:16:05	11.45	49.10	31.97	7.86	7.97	3.2	3.456	88.2	1.9	0.4
645	2/27/2015 06:31:05	11.44	49.09	31.97	7.76	7.98	3.1	3.474	87.0	1.5	0.4
646	2/27/2015 06:46:05	11.47	49.01	31.91	7.79	7.97	5.3	3.488	87.4	1.5	0.4
647	2/27/2015 07:01:06	11.43	49.19	32.04	7.76	7.97	4.4	3.478	87.1	1.4	0.3
648	2/27/2015 07:16:06	11.44	49.17	32.02	7.80	7.97	4.7	3.458	87.4	1.4	0.3
649	2/27/2015 07:31:06	11.47	49.00	31.90	7.81	7.97	4.3	3.423	87.5	1.3	0.3
650	2/27/2015 07:46:05	11.52	48.61	31.63	7.89	7.97	4.8	3.373	88.4	1.7	0.4
651	2/27/2015 08:01:05	11.52	48.65	31.65	7.92	7.97	4.3	3.313	88.7	1.6	0.4
652	2/27/2015 08:16:05	11.52	48.62	31.63	7.97	7.97	4.9	3.243	89.3	1.7	0.4
653	2/27/2015 08:31:05	11.55	48.54	31.58	8.00	7.97	4.3	3.172	89.7	1.8	0.4
654	2/27/2015 08:46:05	11.58	48.52	31.56	8.03	7.97	4.0	3.097	90.0	1.8	0.4
655	2/27/2015 09:01:05	11.65	48.09	31.25	8.12	7.97	3.9	3.005	91.0	1.7	0.4
656	2/27/2015 09:16:06	11.72	47.79	31.04	8.12	7.97	3.9	2.935	91.0	1.5	0.3
657	2/27/2015 09:31:06	11.76	47.72	30.99	8.13	7.97	3.7	2.840	91.2	1.8	0.4
658	2/27/2015 09:46:05	11.82	47.59	30.90	8.16	7.97	5.0	2.751	91.6	1.8	0.4
659	2/27/2015 10:01:06	11.86	47.38	30.75	8.19	7.97	4.5	2.667	91.9	2.2	0.5
660	2/27/2015 10:16:05	11.87	47.60	30.91	8.34	7.98	5.3	2.566	93.7	2.2	0.5
661	2/27/2015 10:31:06	11.93	47.29	30.69	8.35	7.98	4.3	2.477	93.8	1.9	0.4
662	2/27/2015 10:46:05	12.01	46.91	30.42	8.40	7.98	5.0	2.373	94.3	1.7	0.4
663	2/27/2015 11:01:05	12.20	47.29	30.71	8.63	8.02	5.3	2.271	97.5	1.4	0.3
664	2/27/2015 11:16:05	12.19	46.76	30.32	8.62	8.00	4.4	2.182	97.2	2.3	0.6
665	2/27/2015 11:31:05	12.38	46.95	30.47	8.81	8.02	4.3	2.078	99.8	2.1	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	Fluorescence %FS
666	2/27/2015 11:46:05	12.49	46.80	30.36	8.94	8.03	4.6	1.967	101.4	1.8	0.4
667	2/27/2015 12:01:05	12.48	46.62	30.23	8.73	8.02	4.7	1.874	99.0	2.8	0.7
668	2/27/2015 12:16:05	12.70	46.61	30.23	8.94	8.04	4.3	1.781	101.8	2.1	0.5
669	2/27/2015 12:31:05	12.80	46.44	30.12	8.96	8.04	4.3	1.704	102.2	2.4	0.6
670	2/27/2015 12:46:05	12.97	46.37	30.07	9.01	8.05	5.1	1.614	103.1	2.6	0.6
671	2/27/2015 13:01:05	12.95	46.21	29.95	8.86	8.04	5.0	1.567	101.3	2.8	0.7
672	2/27/2015 13:16:05	12.91	46.13	29.90	8.76	8.04	4.0	1.527	99.9	2.7	0.6
673	2/27/2015 13:31:05	12.84	46.11	29.88	8.66	8.03	4.5	1.507	98.7	2.7	0.6
674	2/27/2015 13:46:05	12.91	46.21	29.96	8.72	8.03	3.9	1.493	99.6	2.5	0.6
675	2/27/2015 14:01:05	12.98	46.16	29.92	8.86	8.04	5.0	1.506	101.2	3.3	0.8
676	2/27/2015 14:16:05	12.73	46.18	29.92	8.69	8.02	3.9	1.543	98.8	2.9	0.7
677	2/27/2015 14:31:05	12.75	46.15	29.91	8.65	8.02	3.9	1.571	98.4	3.1	0.7
678	2/27/2015 14:46:05	12.76	46.14	29.89	8.64	8.01	4.2	1.626	98.3	2.8	0.7
679	2/27/2015 15:01:05	12.69	46.12	29.88	8.60	8.01	4.3	1.691	97.7	2.7	0.7
680	2/27/2015 15:16:05	12.74	46.01	29.80	8.57	8.01	5.0	1.751	97.4	3.1	0.7
681	2/27/2015 15:31:05	12.80	45.82	29.67	8.55	8.00	6.5	1.811	97.2	3.0	0.7
682	2/27/2015 15:46:05	12.72	45.86	29.69	8.50	8.00	5.9	1.881	96.5	2.5	0.6
683	2/27/2015 16:01:05	12.67	45.92	29.74	8.45	7.99	5.6	1.945	95.9	1.9	0.5
684	2/27/2015 16:16:05	12.63	45.90	29.72	8.46	7.99	6.2	2.011	95.9	2.2	0.5
685	2/27/2015 16:31:05	12.43	46.15	29.89	8.37	7.99	4.8	2.083	94.6	2.3	0.5
686	2/27/2015 16:46:05	12.43	46.38	30.05	8.34	7.98	5.0	2.151	94.3	2.1	0.5
687	2/27/2015 17:01:05	12.57	46.25	29.97	8.43	7.99	5.3	2.203	95.6	2.4	0.6
688	2/27/2015 17:16:05	12.33	46.72	30.29	8.35	7.98	4.0	2.293	94.4	2.8	0.7
689	2/27/2015 17:31:06	12.08	47.16	30.61	8.19	7.97	4.2	2.352	92.3	2.1	0.5
690	2/27/2015 17:46:05	12.02	47.27	30.68	8.20	7.97	3.8	2.409	92.3	1.9	0.4
691	2/27/2015 18:01:05	12.03	47.31	30.71	8.21	7.97	3.7	2.475	92.5	2.2	0.5
692	2/27/2015 18:16:06	12.02	47.36	30.74	8.23	7.98	4.3	2.549	92.7	1.9	0.4
693	2/27/2015 18:31:05	11.98	47.42	30.79	8.20	7.97	4.2	2.613	92.3	1.9	0.4
694	2/27/2015 18:46:05	11.93	47.56	30.88	8.15	7.97	4.0	2.672	91.7	1.8	0.4
695	2/27/2015 19:01:05	11.95	47.56	30.89	8.14	7.97	4.3	2.730	91.6	2.1	0.5
696	2/27/2015 19:16:06	11.94	47.66	30.96	8.12	7.97	4.2	2.789	91.4	2.0	0.5
697	2/27/2015 19:31:05	11.89	47.72	31.00	8.09	7.97	5.2	2.847	91.0	2.0	0.5
698	2/27/2015 19:46:05	11.87	47.87	31.11	8.06	7.97	4.3	2.885	90.7	1.8	0.4
699	2/27/2015 20:01:05	11.86	47.92	31.15	8.02	7.97	4.2	2.930	90.3	2.2	0.5
700	2/27/2015 20:16:05	11.85	47.93	31.15	8.01	7.97	3.7	2.969	90.1	2.1	0.5
701	2/27/2015 20:31:05	11.85	47.99	31.19	7.96	7.96	3.6	2.992	89.6	2.1	0.5
702	2/27/2015 20:46:06	11.92	47.77	31.04	7.93	7.96	4.4	3.000	89.3	1.9	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	Fluorescence %FS
703	2/27/2015 21:01:05	11.86	47.94	31.16	7.91	7.96	3.5	2.995	89.0	1.8	0.4
704	2/27/2015 21:16:05	11.85	47.99	31.19	7.95	7.96	3.6	2.990	89.4	1.9	0.4
705	2/27/2015 21:31:05	11.91	47.64	30.94	7.96	7.96	5.0	2.956	89.6	1.9	0.4
706	2/27/2015 21:46:05	11.91	47.63	30.94	7.97	7.96	4.2	2.909	89.7	2.1	0.5
707	2/27/2015 22:01:05	11.95	47.49	30.83	7.96	7.96	3.9	2.867	89.5	1.9	0.4
708	2/27/2015 22:16:05	11.95	47.40	30.77	7.99	7.96	4.2	2.824	89.8	1.8	0.4
709	2/27/2015 22:31:05	11.93	47.36	30.74	8.04	7.96	5.3	2.771	90.3	2.0	0.5
710	2/27/2015 22:46:05	11.85	47.47	30.82	8.02	7.96	4.1	2.707	90.1	1.5	0.4
711	2/27/2015 23:01:05	11.92	47.27	30.67	8.04	7.96	3.9	2.649	90.3	1.5	0.4
712	2/27/2015 23:16:05	11.90	47.30	30.70	7.99	7.96	3.8	2.607	89.8	2.2	0.5
713	2/27/2015 23:31:05	11.96	47.15	30.59	8.01	7.96	3.7	2.542	90.0	2.1	0.5
714	2/27/2015 23:46:05	11.95	47.17	30.61	7.99	7.96	3.7	2.490	89.8	2.0	0.5
715	2/28/2015 00:01:05	12.06	46.90	30.41	7.99	7.96	3.4	2.450	89.8	2.4	0.6
716	2/28/2015 00:16:05	12.01	46.91	30.42	7.98	7.96	3.6	2.394	89.7	2.2	0.5
717	2/28/2015 00:31:05	12.01	46.87	30.39	7.94	7.96	3.9	2.351	89.2	2.3	0.6
718	2/28/2015 00:46:05	12.14	46.58	30.19	7.97	7.96	3.6	2.319	89.6	2.2	0.5
719	2/28/2015 01:01:05	12.13	46.61	30.21	7.96	7.96	3.6	2.293	89.5	2.3	0.5
720	2/28/2015 01:16:05	12.20	46.45	30.09	8.00	7.97	3.6	2.271	90.1	2.4	0.6
721	2/28/2015 01:31:05	12.13	46.70	30.27	7.78	7.95	3.2	2.268	87.5	2.1	0.5
722	2/28/2015 01:46:06	12.12	46.68	30.26	7.88	7.96	3.0	2.249	88.7	2.5	0.6
723	2/28/2015 02:01:06	12.16	46.39	30.05	7.98	7.96	3.6	2.276	89.8	2.0	0.5
724	2/28/2015 02:16:06	12.06	46.78	30.33	7.90	7.95	3.6	2.300	88.8	1.6	0.4
725	2/28/2015 02:31:05	12.07	46.85	30.38	7.96	7.95	3.7	2.326	89.5	1.8	0.4
726	2/28/2015 02:46:05	12.04	46.96	30.46	7.96	7.95	3.7	2.369	89.5	2.1	0.5
727	2/28/2015 03:01:05	12.03	46.70	30.27	8.01	7.96	4.0	2.416	89.9	2.1	0.5
728	2/28/2015 03:16:05	12.02	46.91	30.42	7.97	7.95	3.9	2.468	89.5	2.1	0.5
729	2/28/2015 03:31:05	12.01	47.03	30.50	7.96	7.95	3.9	2.521	89.5	2.3	0.5
730	2/28/2015 03:46:05	11.97	47.21	30.64	7.95	7.95	4.1	2.584	89.4	2.1	0.5
731	2/28/2015 04:01:05	11.89	47.16	30.59	7.96	7.96	3.9	2.648	89.3	1.5	0.4
732	2/28/2015 04:16:05	11.83	47.34	30.72	7.97	7.96	3.6	2.704	89.4	1.9	0.5
733	2/28/2015 04:31:06	11.84	47.84	31.09	7.93	7.96	4.1	2.765	89.2	1.6	0.4
734	2/28/2015 04:46:05	11.80	48.02	31.21	7.94	7.96	4.2	2.834	89.3	1.2	0.3
735	2/28/2015 05:01:05	11.74	48.22	31.35	7.91	7.96	3.8	2.897	88.9	1.8	0.4
736	2/28/2015 05:16:05	11.70	48.26	31.38	7.91	7.96	3.9	2.960	88.8	2.3	0.6
737	2/28/2015 05:31:05	11.68	48.48	31.54	7.86	7.96	4.1	3.029	88.3	2.1	0.5
738	2/28/2015 05:46:06	11.65	48.60	31.62	7.84	7.96	4.2	3.097	88.1	1.0	0.2
739	2/28/2015 06:01:06	11.63	48.62	31.64	7.84	7.96	4.1	3.154	88.1	1.8	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	Fluorescence %FS
740	2/28/2015 06:16:06	11.56	48.66	31.66	7.85	7.96	5.3	3.215	88.1	1.7	0.4
741	2/28/2015 06:31:05	11.52	48.72	31.71	7.82	7.96	4.6	3.286	87.7	1.2	0.3
742	2/28/2015 06:46:05	11.47	48.87	31.81	7.81	7.96	4.8	3.324	87.6	1.2	0.3
743	2/28/2015 07:01:06	11.44	48.99	31.90	7.79	7.96	4.3	3.374	87.3	1.2	0.3
744	2/28/2015 07:16:05	11.39	49.09	31.97	7.77	7.96	4.2	3.419	87.0	1.4	0.3
745	2/28/2015 07:31:05	11.36	49.17	32.02	7.74	7.96	3.7	3.453	86.7	1.2	0.3
746	2/28/2015 07:46:05	11.35	49.23	32.06	7.69	7.96	3.2	3.471	86.1	0.9	0.2
747	2/28/2015 08:01:06	11.37	49.22	32.06	7.54	7.96	3.1	3.481	84.4	1.0	0.2
748	2/28/2015 08:16:05	11.33	49.27	32.09	7.61	7.95	4.0	3.468	85.2	1.1	0.3
749	2/28/2015 08:31:06	11.40	48.92	31.84	7.72	7.96	3.9	3.443	86.4	1.2	0.3
750	2/28/2015 08:46:05	11.57	48.04	31.21	7.88	7.95	4.5	3.391	88.2	1.2	0.3
751	2/28/2015 09:01:05	11.64	48.15	31.30	7.93	7.96	3.4	3.346	88.9	1.7	0.4
752	2/28/2015 09:16:05	11.67	48.18	31.32	7.90	7.96	3.9	3.268	88.7	0.9	0.2
753	2/28/2015 09:31:05	11.60	48.50	31.55	7.81	7.95	4.3	3.188	87.7	2.1	0.5
754	2/28/2015 09:46:06	11.79	48.10	31.27	7.92	7.96	4.0	3.128	89.0	1.3	0.3
755	2/28/2015 10:01:06	11.82	47.71	30.99	8.01	7.96	4.3	3.034	90.0	1.3	0.3
756	2/28/2015 10:16:06	11.70	48.12	31.28	7.88	7.96	4.2	2.944	88.4	1.4	0.3
757	2/28/2015 10:31:05	12.00	47.81	31.07	8.17	7.97	3.6	2.855	92.2	1.5	0.4
758	2/28/2015 10:46:05	12.05	47.62	30.94	8.20	7.97	3.9	2.774	92.5	1.7	0.4
759	2/28/2015 11:01:05	12.16	47.93	31.16	8.25	7.98	4.0	2.686	93.4	1.9	0.4
760	2/28/2015 11:16:05	12.30	47.90	31.15	8.27	7.98	3.9	2.594	93.9	1.8	0.4
761	2/28/2015 11:31:05	12.28	47.50	30.86	8.34	7.98	4.0	2.498	94.5	1.8	0.4
762	2/28/2015 11:46:05	12.40	47.23	30.67	8.45	7.99	4.3	2.395	95.9	2.0	0.5
763	2/28/2015 12:01:05	12.69	47.32	30.74	8.73	8.02	4.3	2.294	99.7	1.7	0.4
764	2/28/2015 12:16:05	12.69	46.99	30.50	8.68	8.01	5.6	2.189	99.0	1.7	0.4
765	2/28/2015 12:31:05	12.87	46.88	30.43	8.80	8.02	6.5	2.086	100.7	2.1	0.5
766	2/28/2015 12:46:05	12.92	46.78	30.36	8.81	8.02	6.5	1.980	100.9	1.9	0.4
767	2/28/2015 13:01:05	13.10	46.74	30.34	8.86	8.03	6.2	1.881	101.8	1.4	0.3
768	2/28/2015 13:16:05	13.28	46.61	30.25	8.98	8.05	5.6	1.770	103.5	1.7	0.4
769	2/28/2015 13:31:04	13.49	46.62	30.26	9.05	8.06	5.6	1.696	104.7	2.3	0.5
770	2/28/2015 13:46:05	13.57	46.51	30.19	9.06	8.07	5.4	1.615	105.0	2.4	0.6
771	2/28/2015 14:01:05	13.60	46.41	30.12	9.01	8.07	5.7	1.565	104.5	2.6	0.6
772	2/28/2015 14:16:05	13.55	46.28	30.02	8.95	8.06	5.1	1.507	103.5	2.1	0.5
773	2/28/2015 14:31:05	13.47	46.25	30.00	8.87	8.06	5.4	1.476	102.4	2.2	0.5
774	2/28/2015 14:46:04	13.75	46.39	30.11	8.93	8.06	4.3	1.489	103.9	2.1	0.5
775	2/28/2015 15:01:04	13.29	46.35	30.06	8.86	8.04	4.7	1.501	102.0	1.9	0.5
776	2/28/2015 15:16:05	13.26	46.39	30.09	8.88	8.04	4.2	1.528	102.2	2.3	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	Fluorescence %FS
777	2/28/2015 15:31:05	13.19	46.39	30.09	8.84	8.03	4.1	1.577	101.6	2.3	0.6
778	2/28/2015 15:46:05	13.20	46.33	30.05	8.83	8.03	4.5	1.624	101.5	2.8	0.7
779	2/28/2015 16:01:05	13.13	46.38	30.08	8.78	8.03	4.0	1.685	100.8	2.8	0.7
780	2/28/2015 16:16:05	13.21	45.77	29.65	8.65	8.02	5.3	1.758	99.2	2.6	0.6
781	2/28/2015 16:31:05	13.15	45.71	29.60	8.60	8.01	5.6	1.824	98.5	2.6	0.6
782	2/28/2015 16:46:05	13.07	45.82	29.68	8.59	8.01	5.4	1.881	98.2	2.4	0.6
783	2/28/2015 17:01:05	13.06	45.90	29.73	8.55	8.01	4.5	1.947	97.8	2.3	0.5
784	2/28/2015 17:16:05	12.97	46.10	29.88	8.53	8.00	4.2	2.023	97.4	1.4	0.3
785	2/28/2015 17:31:05	12.90	46.19	29.94	8.51	8.00	4.2	2.103	97.1	2.0	0.5
786	2/28/2015 17:46:05	12.81	46.48	30.14	8.46	7.99	3.9	2.159	96.5	1.8	0.4
787	2/28/2015 18:01:05	12.78	46.43	30.10	8.42	7.99	4.3	2.229	95.9	2.3	0.5
788	2/28/2015 18:16:05	12.68	46.53	30.17	8.33	7.98	4.5	2.310	94.8	2.2	0.5
789	2/28/2015 18:31:05	12.53	46.80	30.37	8.30	7.98	4.1	2.381	94.3	2.6	0.6
790	2/28/2015 18:46:05	12.42	47.05	30.54	8.28	7.98	3.6	2.458	93.9	1.8	0.4
791	2/28/2015 19:01:06	12.37	47.20	30.64	8.28	7.98	4.2	2.538	93.9	2.1	0.5
792	2/28/2015 19:16:06	12.33	47.29	30.71	8.27	7.98	5.1	2.601	93.7	2.5	0.6
793	2/28/2015 19:31:05	12.25	47.43	30.80	8.23	7.97	4.4	2.666	93.2	2.1	0.5
794	2/28/2015 19:46:06	12.19	47.54	30.89	8.18	7.97	4.4	2.750	92.6	1.8	0.4
795	2/28/2015 20:01:05	12.16	47.65	30.96	8.14	7.97	4.7	2.807	92.1	2.0	0.5
796	2/28/2015 20:16:05	12.13	47.72	31.01	8.11	7.97	5.0	2.877	91.7	2.0	0.5
797	2/28/2015 20:31:05	12.08	47.80	31.06	8.09	7.96	5.1	2.941	91.4	1.8	0.4
798	2/28/2015 20:46:06	12.05	47.89	31.13	8.06	7.96	4.7	2.986	91.1	1.9	0.4
799	2/28/2015 21:01:05	12.02	47.97	31.19	8.05	7.96	4.6	3.021	90.9	2.4	0.6
800	2/28/2015 21:16:05	11.98	48.13	31.30	7.99	7.96	4.1	3.072	90.2	2.0	0.5
801	2/28/2015 21:31:06	11.94	48.26	31.39	7.85	7.96	3.6	3.090	88.6	1.5	0.3
802	2/28/2015 21:46:05	11.98	48.18	31.34	7.90	7.96	4.5	3.116	89.2	1.7	0.4
803	2/28/2015 22:01:05	11.94	48.30	31.42	7.86	7.95	4.5	3.089	88.7	1.6	0.4
804	2/28/2015 22:16:05	11.93	48.32	31.43	7.90	7.96	4.4	3.078	89.2	1.6	0.4
805	2/28/2015 22:31:05	12.14	47.09	30.55	7.98	7.97	5.1	3.045	90.0	2.3	0.5
806	2/28/2015 22:46:05	12.09	47.43	30.80	7.98	7.96	5.4	2.987	90.1	1.9	0.5
807	2/28/2015 23:01:05	12.10	47.25	30.67	8.04	7.97	5.6	2.927	90.7	1.8	0.4
808	2/28/2015 23:16:05	12.01	47.39	30.77	8.07	7.96	5.1	2.856	90.8	2.0	0.5
809	2/28/2015 23:31:06	11.96	47.47	30.82	8.05	7.96	4.5	2.806	90.6	1.8	0.4
810	2/28/2015 23:46:06	12.02	47.40	30.77	8.04	7.96	4.0	2.746	90.6	2.0	0.5
811	3/1/2015 00:01:05	12.01	47.31	30.71	8.03	7.96	4.2	2.675	90.4	2.4	0.6
812	3/1/2015 00:16:05	12.10	47.11	30.57	8.04	7.96	4.0	2.635	90.6	2.1	0.5
813	3/1/2015 00:31:05	12.02	47.17	30.61	8.02	7.96	4.8	2.566	90.2	2.2	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	Fluorescence %FS
814	3/1/2015 00:46:05	12.00	47.13	30.58	8.03	7.96	4.2	2.519	90.3	2.3	0.5
815	3/1/2015 01:01:05	12.26	46.65	30.24	8.05	7.97	4.1	2.463	90.8	2.2	0.5
816	3/1/2015 01:16:05	12.25	46.59	30.20	8.08	7.97	3.7	2.414	91.1	2.3	0.6
817	3/1/2015 01:31:05	12.33	46.46	30.11	8.07	7.97	3.6	2.361	91.1	2.2	0.5
818	3/1/2015 01:46:06	12.17	46.60	30.21	8.02	7.97	3.8	2.310	90.3	2.3	0.5
819	3/1/2015 02:01:05	12.27	46.42	30.08	8.07	7.97	3.9	2.286	91.0	2.2	0.5
820	3/1/2015 02:16:05	12.28	46.35	30.03	8.02	7.97	3.6	2.254	90.4	2.6	0.6
821	3/1/2015 02:31:05	12.37	46.19	29.92	8.07	7.98	3.9	2.239	91.0	2.6	0.6
822	3/1/2015 02:46:05	12.29	46.59	30.20	7.90	7.96	3.2	2.221	89.1	1.8	0.4
823	3/1/2015 03:01:05	12.24	46.49	30.13	7.98	7.96	3.2	2.231	90.0	2.4	0.6
824	3/1/2015 03:16:05	12.17	46.53	30.16	7.96	7.96	3.8	2.242	89.6	2.3	0.6
825	3/1/2015 03:31:05	12.19	46.49	30.12	8.02	7.96	3.4	2.282	90.3	1.3	0.3
826	3/1/2015 03:46:05	12.19	46.69	30.27	8.01	7.96	4.0	2.324	90.2	2.0	0.5
827	3/1/2015 04:01:05	12.18	46.74	30.30	8.02	7.96	3.9	2.365	90.4	1.8	0.4
828	3/1/2015 04:16:05	12.14	46.55	30.17	8.03	7.96	4.0	2.420	90.3	1.9	0.5
829	3/1/2015 04:31:05	12.13	46.71	30.28	8.00	7.96	3.9	2.488	90.0	1.9	0.4
830	3/1/2015 04:46:06	12.14	46.84	30.38	8.00	7.96	4.0	2.561	90.1	2.0	0.5
831	3/1/2015 05:01:05	12.12	47.05	30.53	7.99	7.96	4.3	2.621	90.0	1.8	0.4
832	3/1/2015 05:16:06	11.99	47.20	30.63	7.98	7.96	4.0	2.686	89.7	1.8	0.4
833	3/1/2015 05:31:06	11.96	47.59	30.91	7.97	7.96	3.8	2.748	89.7	2.0	0.5
834	3/1/2015 05:46:06	11.93	47.86	31.10	7.99	7.96	4.6	2.816	90.0	1.9	0.5
835	3/1/2015 06:01:06	11.89	48.05	31.24	7.98	7.96	4.3	2.887	89.9	1.5	0.4
836	3/1/2015 06:16:06	11.87	48.07	31.25	7.98	7.96	4.3	2.946	89.8	2.0	0.5
837	3/1/2015 06:31:05	11.83	48.24	31.37	7.97	7.96	4.8	3.019	89.8	1.6	0.4
838	3/1/2015 06:46:05	11.76	48.40	31.48	7.95	7.96	5.1	3.099	89.4	1.7	0.4
839	3/1/2015 07:01:06	11.71	48.42	31.49	7.96	7.96	5.4	3.159	89.5	1.8	0.4
840	3/1/2015 07:16:06	11.64	48.60	31.62	7.96	7.96	5.6	3.224	89.4	1.3	0.3
841	3/1/2015 07:31:06	11.60	48.69	31.68	7.96	7.96	5.3	3.297	89.3	1.3	0.3
842	3/1/2015 07:46:05	11.52	48.76	31.73	7.99	7.96	5.3	3.370	89.5	1.2	0.3
843	3/1/2015 08:01:06	11.41	48.88	31.82	8.01	7.96	5.1	3.409	89.7	1.4	0.3
844	3/1/2015 08:16:05	11.36	48.99	31.89	8.02	7.96	4.5	3.456	89.7	1.9	0.4
845	3/1/2015 08:31:06	11.32	49.10	31.97	8.01	7.96	4.7	3.495	89.5	1.0	0.2
846	3/1/2015 08:46:05	11.30	49.14	31.99	7.96	7.96	3.6	3.527	89.0	1.4	0.3
847	3/1/2015 09:01:06	11.39	48.95	31.86	7.93	7.96	4.8	3.521	88.7	1.5	0.4
848	3/1/2015 09:16:06	11.32	49.15	32.00	7.97	7.96	4.3	3.505	89.1	1.3	0.3
849	3/1/2015 09:31:06	11.60	48.43	31.50	8.04	7.96	4.4	3.484	90.2	1.8	0.4
850	3/1/2015 09:46:05	11.72	48.35	31.45	8.21	7.97	4.7	3.425	92.3	1.4	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	Fluorescence %FS
851	3/1/2015 10:01:05	11.85	48.37	31.46	8.25	7.97	4.5	3.358	93.0	1.5	0.4
852	3/1/2015 10:16:05	11.89	48.14	31.30	8.18	7.97	4.0	3.282	92.2	1.6	0.4
853	3/1/2015 10:31:05	11.76	48.36	31.46	8.08	7.96	4.5	3.204	90.9	1.6	0.4
854	3/1/2015 10:46:05	12.10	47.97	31.19	8.22	7.97	3.7	3.128	93.0	1.1	0.3
855	3/1/2015 11:01:05	12.12	47.98	31.20	8.20	7.97	3.6	3.030	92.8	1.3	0.3
856	3/1/2015 11:16:05	12.24	47.71	31.01	8.30	7.98	3.6	2.938	94.0	1.2	0.3
857	3/1/2015 11:31:05	12.31	47.71	31.01	8.33	7.98	3.2	2.850	94.5	1.9	0.4
858	3/1/2015 11:46:05	12.38	47.78	31.06	8.37	7.98	3.2	2.756	95.2	1.3	0.3
859	3/1/2015 12:01:05	12.51	47.78	31.07	8.49	7.99	3.9	2.657	96.8	1.1	0.3
860	3/1/2015 12:16:05	12.67	47.69	31.01	8.49	8.00	4.4	2.543	97.1	1.3	0.3
861	3/1/2015 12:31:05	12.88	47.64	30.98	8.51	8.00	4.8	2.445	97.8	1.5	0.4
862	3/1/2015 12:46:05	12.92	47.36	30.78	8.65	8.01	5.4	2.336	99.3	1.6	0.4
863	3/1/2015 13:01:05	12.96	47.15	30.63	8.71	8.01	6.5	2.229	100.0	1.5	0.4
864	3/1/2015 13:16:05	12.94	46.95	30.49	8.72	8.01	8.4	2.120	100.0	2.1	0.5
865	3/1/2015 13:31:05	12.93	46.83	30.40	8.72	8.02	9.9	2.010	99.9	2.5	0.6
866	3/1/2015 13:46:05	12.98	46.74	30.34	8.78	8.02	9.0	1.895	100.7	2.3	0.5
867	3/1/2015 14:01:05	13.09	46.67	30.29	8.79	8.03	9.2	1.788	100.9	2.4	0.6
868	3/1/2015 14:16:04	13.40	46.73	30.34	8.95	8.05	9.4	1.707	103.5	2.2	0.5
869	3/1/2015 14:31:05	13.42	46.58	30.24	8.88	8.05	9.9	1.621	102.7	2.1	0.5
870	3/1/2015 14:46:05	13.31	46.49	30.16	8.83	8.04	9.5	1.550	101.8	2.3	0.5
871	3/1/2015 15:01:05	13.34	46.45	30.14	8.77	8.04	9.2	1.494	101.1	2.1	0.5
872	3/1/2015 15:16:05	13.31	46.38	30.09	8.71	8.04	6.8	1.473	100.3	2.1	0.5
873	3/1/2015 15:31:05	13.31	46.45	30.14	8.71	8.04	6.2	1.461	100.4	2.2	0.5
874	3/1/2015 15:46:05	13.21	46.35	30.06	8.75	8.03	7.0	1.454	100.6	2.4	0.6
875	3/1/2015 16:01:05	13.22	46.37	30.08	8.79	8.03	7.1	1.501	101.0	2.3	0.6
876	3/1/2015 16:16:05	13.18	46.35	30.07	8.77	8.03	6.7	1.541	100.8	1.5	0.4
877	3/1/2015 16:31:05	13.16	46.35	30.06	8.80	8.03	6.9	1.600	101.0	2.3	0.5
878	3/1/2015 16:46:05	13.13	46.35	30.06	8.79	8.03	6.2	1.660	100.8	2.3	0.5
879	3/1/2015 17:01:05	13.16	45.78	29.65	8.75	8.03	7.0	1.739	100.2	2.6	0.6
880	3/1/2015 17:16:05	13.17	45.53	29.47	8.70	8.03	7.0	1.813	99.6	3.2	0.7
881	3/1/2015 17:31:05	13.16	45.55	29.48	8.66	8.03	7.0	1.875	99.1	3.1	0.7
882	3/1/2015 17:46:05	13.11	45.81	29.67	8.67	8.02	5.4	1.959	99.2	2.8	0.7
883	3/1/2015 18:01:05	13.07	45.84	29.69	8.64	8.02	5.0	2.031	98.8	1.9	0.5
884	3/1/2015 18:16:05	13.01	45.97	29.78	8.61	8.01	5.3	2.115	98.5	1.8	0.4
885	3/1/2015 18:31:05	12.90	46.22	29.96	8.54	8.00	5.0	2.191	97.5	2.4	0.6
886	3/1/2015 18:46:05	12.76	46.43	30.11	8.46	7.99	4.7	2.269	96.3	2.6	0.6
887	3/1/2015 19:01:05	12.59	46.68	30.28	8.38	7.99	4.6	2.351	95.2	2.1	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	Fluorescence %FS
888	3/1/2015 19:16:05	12.49	47.09	30.57	8.36	7.98	4.9	2.437	95.0	1.9	0.4
889	3/1/2015 19:31:06	12.44	47.30	30.72	8.36	7.98	5.4	2.509	95.0	2.0	0.5
890	3/1/2015 19:46:06	12.39	47.38	30.78	8.35	7.98	6.3	2.592	94.8	2.0	0.5
891	3/1/2015 20:01:06	12.32	47.52	30.87	8.30	7.98	6.3	2.671	94.1	2.2	0.5
892	3/1/2015 20:16:05	12.27	47.62	30.94	8.27	7.97	6.4	2.760	93.7	1.3	0.3
893	3/1/2015 20:31:05	12.24	47.71	31.01	8.24	7.97	5.8	2.818	93.3	2.1	0.5
894	3/1/2015 20:46:06	12.13	47.79	31.06	8.25	7.97	7.3	2.899	93.3	2.2	0.5
895	3/1/2015 21:01:06	12.06	47.90	31.14	8.27	7.97	7.2	2.971	93.4	2.6	0.6
896	3/1/2015 21:16:06	12.01	48.04	31.24	8.25	7.97	7.1	3.023	93.1	1.8	0.4
897	3/1/2015 21:31:06	11.95	48.23	31.37	8.23	7.97	5.6	3.077	92.9	2.1	0.5
898	3/1/2015 21:46:05	11.83	48.56	31.60	8.21	7.97	5.4	3.124	92.6	2.5	0.6
899	3/1/2015 22:01:06	11.79	48.68	31.69	8.19	7.97	5.0	3.176	92.4	1.8	0.4
900	3/1/2015 22:16:05	11.75	48.78	31.76	8.15	7.96	3.7	3.178	91.9	1.9	0.4
901	3/1/2015 22:31:05	11.78	48.55	31.60	8.15	7.96	5.1	3.191	91.8	2.3	0.6
902	3/1/2015 22:46:05	11.76	48.75	31.74	8.13	7.96	5.0	3.192	91.7	1.3	0.3
903	3/1/2015 23:01:05	11.74	48.79	31.77	8.15	7.96	5.2	3.149	91.8	1.8	0.4
904	3/1/2015 23:16:06	11.78	48.70	31.71	8.14	7.96	4.7	3.116	91.8	2.1	0.5
905	3/1/2015 23:31:06	12.10	47.64	30.95	8.12	7.97	5.5	3.059	91.7	2.1	0.5
906	3/1/2015 23:46:05	12.03	47.68	30.97	8.17	7.96	6.0	2.975	92.1	2.3	0.5
907	3/2/2015 00:01:05	11.99	47.88	31.12	8.16	7.96	4.4	2.923	92.0	2.3	0.5
908	3/2/2015 00:16:05	12.03	47.74	31.02	8.14	7.96	4.5	2.846	91.9	2.0	0.5
909	3/2/2015 00:31:05	12.08	47.61	30.93	8.13	7.96	4.7	2.775	91.8	1.8	0.4
910	3/2/2015 00:46:05	12.09	47.53	30.87	8.09	7.96	3.9	2.709	91.4	2.1	0.5
911	3/2/2015 01:01:05	12.07	47.60	30.92	8.08	7.96	3.9	2.644	91.2	1.5	0.4
912	3/2/2015 01:16:06	12.09	47.47	30.83	8.11	7.96	4.2	2.591	91.6	2.3	0.5
913	3/2/2015 01:31:05	12.12	47.29	30.70	8.11	7.96	4.2	2.508	91.6	2.1	0.5
914	3/2/2015 01:46:06	12.15	47.23	30.66	8.10	7.96	4.4	2.441	91.4	1.6	0.4
915	3/2/2015 02:01:06	12.16	47.10	30.57	8.09	7.96	4.3	2.390	91.3	2.1	0.5
916	3/2/2015 02:16:06	12.35	46.67	30.26	8.14	7.97	4.3	2.331	92.0	1.9	0.4
917	3/2/2015 02:31:05	12.35	46.59	30.20	8.14	7.97	4.1	2.263	92.0	2.0	0.5
918	3/2/2015 02:46:06	12.17	46.87	30.40	8.11	7.97	4.8	2.222	91.5	2.3	0.6
919	3/2/2015 03:01:05	12.31	46.57	30.19	8.09	7.97	4.4	2.196	91.3	1.7	0.4
920	3/2/2015 03:16:05	12.24	46.73	30.30	8.05	7.96	4.7	2.158	90.8	1.7	0.4
921	3/2/2015 03:31:05	12.32	46.64	30.24	7.83	7.97	3.7	2.149	88.4	2.0	0.5
922	3/2/2015 03:46:06	12.34	46.77	30.33	8.05	7.97	3.9	2.142	91.0	2.0	0.5
923	3/2/2015 04:01:05	12.34	46.83	30.38	8.06	7.96	3.8	2.147	91.2	1.8	0.4
924	3/2/2015 04:16:05	12.30	46.78	30.34	8.11	7.97	3.9	2.182	91.6	1.8	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	Fluorescence %FS
925	3/2/2015 04:31:05	12.31	46.65	30.25	8.14	7.97	3.9	2.226	91.9	2.0	0.5
926	3/2/2015 04:46:05	12.27	46.74	30.31	8.09	7.96	4.5	2.284	91.4	2.0	0.5
927	3/2/2015 05:01:05	12.25	46.68	30.27	8.11	7.97	4.7	2.331	91.4	1.8	0.4
928	3/2/2015 05:16:05	12.25	46.62	30.23	8.12	7.97	4.5	2.403	91.6	2.3	0.6
929	3/2/2015 05:31:05	12.25	46.79	30.34	8.11	7.97	4.7	2.470	91.5	1.9	0.5
930	3/2/2015 05:46:06	12.19	46.94	30.45	8.12	7.97	4.4	2.547	91.7	1.7	0.4
931	3/2/2015 06:01:05	12.12	47.22	30.65	8.12	7.96	4.6	2.606	91.5	1.4	0.3
932	3/2/2015 06:16:05	12.05	47.40	30.77	8.12	7.96	5.0	2.675	91.6	1.7	0.4
933	3/2/2015 06:31:05	11.97	47.71	30.99	8.19	7.97	5.3	2.750	92.3	2.2	0.5
934	3/2/2015 06:46:05	11.90	48.04	31.23	8.19	7.96	5.2	2.818	92.2	1.4	0.3
935	3/2/2015 07:01:05	11.86	48.11	31.28	8.18	7.96	5.0	2.889	92.2	1.6	0.4
936	3/2/2015 07:16:05	11.80	48.31	31.42	8.19	7.96	4.9	2.969	92.2	1.8	0.4
937	3/2/2015 07:31:05	11.75	48.39	31.48	8.19	7.96	6.4	3.041	92.2	1.8	0.4
938	3/2/2015 07:46:05	11.69	48.51	31.56	8.22	7.96	7.0	3.118	92.4	1.5	0.3
939	3/2/2015 08:01:06	11.57	48.76	31.74	8.25	7.96	9.0	3.190	92.6	1.7	0.4
940	3/2/2015 08:16:06	11.49	48.90	31.83	8.27	7.96	8.5	3.260	92.7	1.9	0.4
941	3/2/2015 08:31:06	11.41	49.12	31.99	8.28	7.96	7.4	3.332	92.8	1.7	0.4
942	3/2/2015 08:46:05	11.35	49.23	32.07	8.30	7.96	6.5	3.395	92.9	1.4	0.3
943	3/2/2015 09:01:05	11.33	49.32	32.13	8.30	7.96	5.8	3.442	92.9	1.4	0.3
944	3/2/2015 09:16:05	11.31	49.33	32.13	8.28	7.96	5.3	3.482	92.7	1.7	0.4
945	3/2/2015 09:31:06	11.30	49.39	32.18	8.26	7.96	4.5	3.505	92.4	1.4	0.3
946	3/2/2015 09:46:06	11.40	49.14	32.00	8.25	7.96	5.3	3.517	92.4	1.1	0.3
947	3/2/2015 10:01:06	11.30	49.39	32.17	8.22	7.96	4.7	3.520	92.0	1.2	0.3
948	3/2/2015 10:16:05	11.30	49.40	32.18	8.22	7.96	5.1	3.489	92.0	1.4	0.3
949	3/2/2015 10:31:05	11.32	49.35	32.15	8.25	7.96	6.1	3.437	92.4	1.5	0.4
950	3/2/2015 10:46:06	11.63	49.02	31.93	8.35	7.97	5.1	3.385	94.0	1.9	0.4
951	3/2/2015 11:01:05	11.72	49.17	32.04	8.63	7.99	6.9	3.306	97.4	1.4	0.3
952	3/2/2015 11:16:05	11.70	49.20	32.06	8.59	7.99	8.0	3.225	96.8	1.8	0.4
953	3/2/2015 11:31:06	11.78	49.16	32.04	8.53	7.98	10.1	3.121	96.3	2.4	0.6
954	3/2/2015 11:46:06	11.89	49.09	31.99	8.55	7.98	13.0	3.034	96.8	1.8	0.4
955	3/2/2015 12:01:05	12.03	48.91	31.86	8.57	7.98	14.4	2.950	97.2	1.6	0.4
956	3/2/2015 12:16:06	12.22	48.68	31.71	8.69	8.00	14.4	2.849	98.9	1.5	0.3
957	3/2/2015 12:31:05	12.45	48.45	31.55	8.70	8.00	17.6	2.738	99.3	2.1	0.5
958	3/2/2015 12:46:05	12.54	48.04	31.25	8.72	8.00	17.6	2.643	99.6	2.2	0.5
959	3/2/2015 13:01:05	12.56	47.84	31.12	8.62	8.00	15.6	2.545	98.4	2.0	0.5
960	3/2/2015 13:16:05	12.63	47.89	31.16	8.60	7.99	17.6	2.433	98.4	2.3	0.5
961	3/2/2015 13:31:05	12.85	47.92	31.18	8.68	8.00	23.0	2.313	99.8	2.6	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	Fluorescence %FS
962	3/2/2015 13:46:05	12.89	47.58	30.94	8.61	8.00	26.6	2.216	98.9	3.0	0.7
963	3/2/2015 14:01:05	13.08	47.56	30.93	8.63	8.01	28.8	2.105	99.5	2.7	0.6
964	3/2/2015 14:16:05	13.04	47.09	30.59	8.53	7.99	30.6	1.994	98.0	3.3	0.8
965	3/2/2015 14:31:05	13.09	47.01	30.53	8.49	7.99	31.3	1.874	97.7	3.2	0.8
966	3/2/2015 14:46:05	13.13	46.95	30.49	8.47	7.99	30.6	1.772	97.5	3.4	0.8
967	3/2/2015 15:01:05	13.16	46.87	30.44	8.43	7.99	28.3	1.668	97.1	3.3	0.8
968	3/2/2015 15:16:05	13.25	46.76	30.36	8.40	7.99	25.3	1.582	96.9	3.4	0.8
969	3/2/2015 15:31:05	13.26	46.80	30.39	8.39	7.99	23.2	1.518	96.8	3.0	0.7
970	3/2/2015 15:46:05	13.27	46.66	30.29	8.34	7.99	20.1	1.445	96.1	3.5	0.8
971	3/2/2015 16:01:05	13.36	46.48	30.16	8.43	7.99	21.3	1.422	97.2	3.7	0.9
972	3/2/2015 16:16:05	13.40	46.31	30.04	8.40	7.99	19.5	1.417	96.9	3.5	0.8
973	3/2/2015 16:31:05	13.41	46.47	30.16	8.39	7.99	16.7	1.417	96.9	3.1	0.7
974	3/2/2015 16:46:05	13.39	46.25	30.00	8.38	7.99	16.0	1.464	96.6	2.9	0.7
975	3/2/2015 17:01:05	13.32	46.37	30.08	8.38	7.99	14.5	1.512	96.6	3.1	0.7
976	3/2/2015 17:16:05	13.34	46.24	29.99	8.38	7.99	15.0	1.561	96.5	3.4	0.8
977	3/2/2015 17:31:05	13.33	46.27	30.01	8.37	7.99	14.6	1.640	96.5	3.5	0.8
978	3/2/2015 17:46:05	13.28	46.41	30.11	8.37	7.98	13.7	1.725	96.4	3.2	0.8
979	3/2/2015 18:01:05	13.30	46.17	29.94	8.37	7.98	13.8	1.807	96.3	3.2	0.8
980	3/2/2015 18:16:05	13.29	45.75	29.63	8.35	7.98	12.5	1.876	95.9	3.2	0.8
981	3/2/2015 18:31:05	13.25	46.06	29.86	8.32	7.98	11.9	1.962	95.6	3.3	0.8
982	3/2/2015 18:46:05	13.19	46.04	29.84	8.31	7.98	11.0	2.053	95.4	2.9	0.7
983	3/2/2015 19:01:05	13.12	45.95	29.77	8.34	7.98	11.7	2.131	95.6	3.2	0.8
984	3/2/2015 19:16:05	13.01	46.39	30.08	8.32	7.97	9.9	2.206	95.3	2.9	0.7
985	3/2/2015 19:31:05	12.78	46.90	30.45	8.37	7.97	7.9	2.296	95.6	2.3	0.5
986	3/2/2015 19:46:05	12.65	47.20	30.65	8.41	7.98	8.3	2.388	96.0	2.4	0.6
987	3/2/2015 20:01:05	12.60	47.25	30.69	8.44	7.98	10.6	2.461	96.2	2.5	0.6
988	3/2/2015 20:16:05	12.54	47.42	30.81	8.46	7.98	11.4	2.545	96.4	2.3	0.5
989	3/2/2015 20:31:05	12.47	47.57	30.92	8.46	7.98	14.3	2.631	96.3	2.4	0.6
990	3/2/2015 20:46:05	12.39	47.73	31.03	8.43	7.98	14.7	2.704	95.9	2.4	0.6
991	3/2/2015 21:01:06	12.36	47.80	31.08	8.43	7.98	12.6	2.783	95.8	2.5	0.6
992	3/2/2015 21:16:06	12.30	47.83	31.09	8.44	7.98	12.7	2.866	95.8	2.1	0.5
993	3/2/2015 21:31:05	12.14	47.96	31.19	8.47	7.98	15.2	2.935	95.9	3.0	0.7
994	3/2/2015 21:46:06	12.07	48.09	31.27	8.47	7.98	10.8	3.015	95.8	2.3	0.6
995	3/2/2015 22:01:05	11.93	48.42	31.51	8.46	7.97	12.5	3.075	95.5	2.5	0.6
996	3/2/2015 22:16:05	11.86	48.61	31.64	8.43	7.97	8.9	3.133	95.1	1.9	0.5
997	3/2/2015 22:31:05	11.78	48.77	31.75	8.44	7.97	8.0	3.198	95.2	2.5	0.6
998	3/2/2015 22:46:05	11.73	48.86	31.81	8.40	7.97	6.2	3.208	94.7	2.2	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	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
999	3/2/2015 23:01:06	11.72	48.91	31.85	8.31	7.97	5.2	3.233	93.7	1.8	0.4
1000	3/2/2015 23:16:06	11.77	48.80	31.77	8.36	7.97	5.9	3.247	94.2	2.2	0.5
1001	3/2/2015 23:31:05	11.74	48.85	31.81	8.32	7.96	6.4	3.231	93.8	2.1	0.5
1002	3/2/2015 23:46:05	11.77	48.73	31.73	8.36	7.97	7.2	3.173	94.2	2.5	0.6
1003	3/3/2015 00:01:05	12.02	47.62	30.93	8.26	7.97	6.7	3.126	93.1	2.6	0.6
1004	3/3/2015 00:16:05	12.08	47.62	30.93	8.27	7.97	7.1	3.070	93.4	2.1	0.5
1005	3/3/2015 00:31:05	11.97	47.80	31.06	8.32	7.97	6.9	2.993	93.8	2.3	0.5
1006	3/3/2015 00:46:05	12.04	47.69	30.98	8.27	7.97	6.4	2.911	93.3	1.9	0.4
1007	3/3/2015 01:01:05	12.01	47.77	31.04	8.30	7.97	7.9	2.820	93.7	1.6	0.4
1008	3/3/2015 01:16:06	11.99	47.80	31.06	8.29	7.97	5.7	2.759	93.5	1.3	0.3
1009	3/3/2015 01:31:05	11.97	47.71	30.99	8.28	7.97	5.8	2.673	93.3	2.1	0.5
1010	3/3/2015 01:46:05	12.04	47.55	30.88	8.24	7.97	5.9	2.606	92.9	2.1	0.5
1011	3/3/2015 02:01:05	11.98	47.52	30.86	8.24	7.96	6.4	2.532	92.8	2.2	0.5
1012	3/3/2015 02:16:05	12.25	46.91	30.43	8.17	7.96	8.3	2.458	92.3	2.3	0.5
1013	3/3/2015 02:31:05	12.01	47.20	30.63	8.17	7.96	6.5	2.381	92.0	2.1	0.5
1014	3/3/2015 02:46:05	12.05	47.07	30.53	8.13	7.96	6.8	2.314	91.5	2.4	0.6
1015	3/3/2015 03:01:05	12.11	46.84	30.38	8.07	7.96	7.0	2.246	90.9	2.8	0.7
1016	3/3/2015 03:16:05	12.24	46.66	30.25	8.05	7.96	7.5	2.200	90.8	2.2	0.5
1017	3/3/2015 03:31:06	12.21	46.68	30.26	8.02	7.95	7.8	2.148	90.4	1.8	0.4
1018	3/3/2015 03:46:05	12.24	46.59	30.20	8.02	7.96	7.4	2.093	90.4	2.3	0.5
1019	3/3/2015 04:01:05	12.15	46.64	30.23	7.98	7.95	7.1	2.069	89.9	2.1	0.5
1020	3/3/2015 04:16:05	12.27	46.45	30.10	7.99	7.96	7.8	2.060	90.1	2.0	0.5
1021	3/3/2015 04:31:05	12.22	46.50	30.13	7.90	7.96	6.5	2.048	89.0	1.8	0.4
1022	3/3/2015 04:46:06	12.20	46.56	30.17	8.02	7.96	6.8	2.070	90.3	2.0	0.5
1023	3/3/2015 05:01:06	12.21	46.60	30.21	8.02	7.95	7.1	2.115	90.3	2.4	0.6
1024	3/3/2015 05:16:05	12.23	46.65	30.24	8.03	7.95	6.9	2.152	90.5	1.7	0.4
1025	3/3/2015 05:31:06	12.21	46.74	30.30	8.06	7.95	7.3	2.220	90.8	2.0	0.5
1026	3/3/2015 05:46:05	12.12	46.45	30.09	8.08	7.95	7.0	2.296	90.8	2.1	0.5
1027	3/3/2015 06:01:05	12.08	46.52	30.14	8.09	7.95	6.9	2.372	90.9	2.1	0.5
1028	3/3/2015 06:16:05	12.15	46.79	30.34	8.11	7.96	8.2	2.439	91.3	2.0	0.5
1029	3/3/2015 06:31:05	12.13	47.09	30.55	8.15	7.96	7.4	2.518	91.8	1.9	0.5
1030	3/3/2015 06:46:05	12.06	47.29	30.70	8.18	7.96	6.2	2.595	92.2	1.6	0.4
1031	3/3/2015 07:01:06	12.04	47.61	30.93	8.25	7.96	7.0	2.671	93.1	1.7	0.4
1032	3/3/2015 07:16:06	12.01	47.80	31.06	8.28	7.97	6.8	2.738	93.5	1.9	0.5
1033	3/3/2015 07:31:05	11.98	47.89	31.12	8.30	7.97	6.2	2.822	93.6	1.8	0.4
1034	3/3/2015 07:46:06	11.93	48.01	31.21	8.31	7.97	5.9	2.897	93.7	1.4	0.3
1035	3/3/2015 08:01:05	11.87	48.13	31.29	8.31	7.97	7.2	2.967	93.7	1.7	0.4

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	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
1036	3/3/2015 08:16:05	11.74	48.31	31.42	8.32	7.96	9.8	3.045	93.6	1.8	0.4
1037	3/3/2015 08:31:05	11.65	48.49	31.55	8.35	7.96	9.7	3.131	93.8	1.5	0.4
1038	3/3/2015 08:46:05	11.56	48.67	31.67	8.35	7.96	9.5	3.204	93.7	1.4	0.3
1039	3/3/2015 09:01:05	11.43	48.80	31.76	8.38	7.96	8.4	3.291	93.7	1.8	0.4
1040	3/3/2015 09:16:05	11.36	49.02	31.91	8.39	7.96	7.6	3.362	93.9	2.3	0.5
1041	3/3/2015 09:31:05	11.32	49.15	32.01	8.36	7.96	7.6	3.422	93.5	1.8	0.4
1042	3/3/2015 09:46:05	11.23	49.29	32.10	8.36	7.96	7.2	3.479	93.4	2.2	0.5
1043	3/3/2015 10:01:06	11.12	49.45	32.21	8.34	7.96	6.8	3.528	93.0	1.9	0.4
1044	3/3/2015 10:16:06	11.07	49.54	32.28	8.29	7.96	4.8	3.550	92.3	1.6	0.4
1045	3/3/2015 10:31:05	11.09	49.50	32.25	8.19	7.95	4.7	3.562	91.2	1.3	0.3
1046	3/3/2015 10:46:05	11.06	49.56	32.29	8.22	7.95	4.9	3.564	91.6	1.2	0.3
1047	3/3/2015 11:01:05	11.06	49.58	32.30	8.25	7.95	5.8	3.540	91.9	1.8	0.4
1048	3/3/2015 11:16:05	11.17	49.44	32.21	8.28	7.95	8.1	3.473	92.4	1.8	0.4
1049	3/3/2015 11:31:06	11.65	48.83	31.79	8.42	7.97	6.5	3.416	94.8	1.8	0.4
1050	3/3/2015 11:46:06	11.94	48.70	31.71	8.60	7.98	6.7	3.332	97.3	2.1	0.5
1051	3/3/2015 12:01:05	12.07	48.63	31.66	8.53	7.98	5.4	3.245	96.7	1.8	0.4
1052	3/3/2015 12:16:05	12.15	48.32	31.44	8.57	7.98	5.1	3.147	97.2	2.0	0.5
1053	3/3/2015 12:31:05	12.21	48.18	31.35	8.66	7.99	5.1	3.037	98.3	1.7	0.4
1054	3/3/2015 12:46:05	12.30	48.06	31.26	8.71	7.99	4.5	2.945	99.0	2.0	0.5
1055	3/3/2015 13:01:05	12.42	47.81	31.09	8.70	7.99	6.6	2.836	99.0	1.8	0.4
1056	3/3/2015 13:16:05	12.40	47.97	31.20	8.78	8.00	4.7	2.728	100.0	1.7	0.4
1057	3/3/2015 13:31:05	12.56	47.57	30.92	8.66	7.99	6.1	2.616	98.8	2.0	0.5
1058	3/3/2015 13:46:05	12.67	47.53	30.89	8.63	7.99	6.2	2.502	98.6	1.6	0.4
1059	3/3/2015 14:01:05	12.82	47.47	30.86	8.78	8.00	5.2	2.394	100.7	2.3	0.5
1060	3/3/2015 14:16:05	12.82	47.32	30.75	8.71	7.99	6.2	2.274	99.7	1.9	0.5
1061	3/3/2015 14:31:05	12.96	47.24	30.69	8.72	8.00	6.4	2.153	100.1	2.1	0.5
1062	3/3/2015 14:46:05	12.99	47.02	30.54	8.74	8.00	6.2	2.049	100.3	2.4	0.6
1063	3/3/2015 15:01:05	13.17	47.02	30.55	8.80	8.01	6.5	1.927	101.4	1.8	0.4
1064	3/3/2015 15:16:05	13.26	47.04	30.56	8.84	8.01	6.1	1.803	102.1	2.1	0.5
1065	3/3/2015 15:31:05	13.29	46.91	30.47	8.90	8.02	5.8	1.710	102.7	2.3	0.5
1066	3/3/2015 15:46:05	13.32	46.87	30.44	8.91	8.03	5.8	1.619	102.9	1.8	0.4
1067	3/3/2015 16:01:05	13.25	46.75	30.35	8.89	8.02	5.9	1.530	102.4	2.5	0.6
1068	3/3/2015 16:16:05	13.26	46.69	30.31	8.86	8.02	5.5	1.453	102.2	2.0	0.5
1069	3/3/2015 16:31:05	13.23	46.70	30.31	8.82	8.02	6.3	1.430	101.6	2.1	0.5
1070	3/3/2015 16:46:05	13.31	46.75	30.35	8.81	8.02	5.8	1.420	101.6	2.3	0.5
1071	3/3/2015 17:01:05	13.17	46.64	30.27	8.79	8.01	5.0	1.409	101.1	2.8	0.7
1072	3/3/2015 17:16:05	13.13	46.60	30.24	8.80	8.01	5.1	1.445	101.1	2.2	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	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
1073	3/3/2015 17:31:05	13.11	46.55	30.20	8.78	8.01	4.9	1.516	100.9	2.2	0.5
1074	3/3/2015 17:46:05	13.07	46.63	30.26	8.77	8.01	4.8	1.568	100.7	2.3	0.5
1075	3/3/2015 18:01:05	13.06	46.59	30.23	8.73	8.00	4.8	1.638	100.2	2.1	0.5
1076	3/3/2015 18:16:05	13.02	46.42	30.11	8.64	7.99	5.4	1.718	99.0	2.2	0.5
1077	3/3/2015 18:31:05	13.01	46.41	30.10	8.61	7.99	5.6	1.809	98.6	2.5	0.6
1078	3/3/2015 18:46:05	13.00	46.39	30.08	8.58	7.98	5.7	1.886	98.2	2.0	0.5
1079	3/3/2015 19:01:05	12.99	46.41	30.10	8.54	7.98	5.7	1.966	97.8	2.2	0.5
1080	3/3/2015 19:16:05	12.98	46.45	30.13	8.52	7.98	6.4	2.058	97.5	3.1	0.7
1081	3/3/2015 19:31:05	12.85	46.83	30.40	8.47	7.98	5.9	2.141	96.8	1.9	0.5
1082	3/3/2015 19:46:05	12.77	47.00	30.51	8.45	7.97	5.2	2.228	96.5	2.1	0.5
1083	3/3/2015 20:01:05	12.61	47.18	30.64	8.43	7.97	6.5	2.315	96.1	2.2	0.5
1084	3/3/2015 20:16:05	12.45	47.33	30.74	8.50	7.98	5.7	2.409	96.6	2.3	0.6
1085	3/3/2015 20:31:05	12.46	47.57	30.92	8.51	7.98	5.5	2.496	96.9	1.8	0.4
1086	3/3/2015 20:46:06	12.44	47.61	30.94	8.52	7.98	5.9	2.587	97.0	2.2	0.5
1087	3/3/2015 21:01:06	12.40	47.67	30.98	8.51	7.98	6.6	2.672	96.8	2.1	0.5
1088	3/3/2015 21:16:05	12.35	47.75	31.04	8.50	7.98	6.9	2.752	96.6	2.1	0.5
1089	3/3/2015 21:31:05	12.29	47.87	31.13	8.49	7.98	7.2	2.842	96.3	2.0	0.5
1090	3/3/2015 21:46:06	12.16	48.06	31.25	8.50	7.97	8.5	2.923	96.3	2.1	0.5
1091	3/3/2015 22:01:06	12.04	48.18	31.34	8.50	7.97	9.6	2.994	96.1	2.2	0.5
1092	3/3/2015 22:16:06	11.83	48.58	31.62	8.43	7.97	8.4	3.072	95.0	2.0	0.5
1093	3/3/2015 22:31:06	11.59	48.96	31.88	8.31	7.96		3.148	93.4	2.0	0.5
1094	3/3/2015 22:46:05	11.45	49.21	32.06	8.25	7.95	9.7	3.211	92.5	1.5	0.4
1095	3/3/2015 23:01:05	11.33	49.40	32.19	8.19	7.95	9.2	3.258	91.7	1.7	0.4
1096	3/3/2015 23:16:05	11.28	49.50	32.26	8.14	7.94	7.0	3.304	91.1	2.0	0.5
1097	3/3/2015 23:31:06	11.25	49.54	32.28	8.09	7.95	5.4	3.332	90.5	2.4	0.6
1098	3/3/2015 23:46:06	11.36	49.37	32.16	8.10	7.94	7.7	3.332	90.7	1.5	0.3
1099	3/4/2015 00:01:05	11.25	49.53	32.27	8.05	7.94	6.2	3.319	90.1	1.0	0.2
1100	3/4/2015 00:16:05	11.45	48.92	31.85	8.19	7.95	7.9	3.287	91.8	1.7	0.4
1101	3/4/2015 00:31:06	11.75	48.07	31.25	8.28	7.96	5.7	3.227	93.0	1.9	0.5
1102	3/4/2015 00:46:05	11.85	48.00	31.20	8.25	7.96	6.5	3.147	92.9	2.3	0.5
1103	3/4/2015 01:01:05	11.72	48.22	31.35	8.30	7.96	5.6	3.071	93.2	1.6	0.4
1104	3/4/2015 01:16:05	11.85	48.16	31.32	8.24	7.96	6.8	2.991	92.8	2.0	0.5
1105	3/4/2015 01:31:05	11.84	48.08	31.26	8.23	7.96	6.2	2.896	92.6	2.1	0.5
1106	3/4/2015 01:46:05	11.84	48.09	31.27	8.19	7.95	6.9	2.816	92.2	1.9	0.4
1107	3/4/2015 02:01:06	11.87	48.01	31.21	8.17	7.95	5.9	2.733	91.9	1.9	0.4
1108	3/4/2015 02:16:05	11.90	47.88	31.12	8.19	7.95	6.1	2.641	92.2	2.2	0.5
1109	3/4/2015 02:31:05	11.93	47.70	30.99	8.22	7.96	5.4	2.561	92.5	2.4	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	Fluorescence %FS
1110	3/4/2015 02:46:05	11.81	47.79	31.05	8.18	7.95	5.3	2.481	91.8	1.9	0.4
1111	3/4/2015 03:01:05	11.96	47.45	30.81	8.20	7.95	5.4	2.397	92.3	2.7	0.7
1112	3/4/2015 03:16:06	11.83	47.42	30.78	8.20	7.95	6.0	2.316	91.9	1.4	0.3
1113	3/4/2015 03:31:05	11.98	47.04	30.51	8.17	7.95	5.6	2.247	91.8	2.1	0.5
1114	3/4/2015 03:46:05	11.98	46.93	30.44	8.18	7.96	4.8	2.166	91.9	2.1	0.5
1115	3/4/2015 04:01:05	11.80	46.91	30.41	8.15	7.95	5.1	2.108	91.1	1.9	0.4
1116	3/4/2015 04:16:05	11.90	46.63	30.22	8.23	7.96	4.7	2.061	92.2	2.1	0.5
1117	3/4/2015 04:31:05	11.87	46.68	30.25	8.16	7.96	4.7	2.018	91.4	2.1	0.5
1118	3/4/2015 04:46:05	11.93	46.63	30.22	8.21	7.96	4.8	2.000	91.9	2.6	0.6
1119	3/4/2015 05:01:05	11.77	46.54	30.14	8.09	7.96	4.1	1.995	90.3	2.1	0.5
1120	3/4/2015 05:16:05	11.81	46.53	30.14	8.17	7.96	4.7	2.003	91.2	1.6	0.4
1121	3/4/2015 05:31:05	11.84	46.59	30.18	8.17	7.96	4.6	2.033	91.4	2.3	0.5
1122	3/4/2015 05:46:05	11.90	46.76	30.31	8.16	7.95	4.5	2.081	91.4	1.8	0.4
1123	3/4/2015 06:01:06	11.89	46.77	30.32	8.20	7.96	4.5	2.140	91.8	1.8	0.4
1124	3/4/2015 06:16:05	11.80	46.55	30.15	8.17	7.95	6.1	2.211	91.2	1.8	0.4
1125	3/4/2015 06:31:06	11.83	46.64	30.22	8.14	7.95	5.3	2.284	91.0	1.6	0.4
1126	3/4/2015 06:46:05	11.93	46.86	30.38	8.14	7.95	5.1	2.362	91.3	2.0	0.5
1127	3/4/2015 07:01:05	11.96	47.11	30.57	8.17	7.95	5.4	2.453	91.8	1.3	0.3
1128	3/4/2015 07:16:05	11.90	47.48	30.82	8.17	7.95	5.1	2.522	91.8	1.3	0.3
1129	3/4/2015 07:31:06	11.88	47.68	30.97	8.19	7.95	5.1	2.602	92.1	1.5	0.4
1130	3/4/2015 07:46:05	11.84	47.84	31.08	8.27	7.96	4.9	2.686	93.0	1.3	0.3
1131	3/4/2015 08:01:05	11.84	47.97	31.18	8.29	7.96	5.7	2.753	93.3	1.1	0.3
1132	3/4/2015 08:16:05	11.82	48.09	31.26	8.30	7.96	5.0	2.833	93.4	1.6	0.4
1133	3/4/2015 08:31:06	11.75	48.30	31.41	8.28	7.96	6.4	2.911	93.1	1.7	0.4
1134	3/4/2015 08:46:05	11.61	48.44	31.50	8.25	7.95	7.4	2.991	92.6	1.3	0.3
1135	3/4/2015 09:01:05	11.50	48.66	31.66	8.24	7.95	8.8	3.069	92.3	1.6	0.4
1136	3/4/2015 09:16:06	11.39	48.89	31.82	8.23	7.95	8.9	3.152	92.1	2.0	0.5
1137	3/4/2015 09:31:06	11.28	49.01	31.91	8.23	7.95	7.1	3.235	91.9	1.5	0.4
1138	3/4/2015 09:46:05	11.17	49.17	32.01	8.22	7.94	7.3	3.317	91.7	2.0	0.5
1139	3/4/2015 10:01:06	11.11	49.34	32.13	8.22	7.94	7.2	3.387	91.5	2.0	0.5
1140	3/4/2015 10:16:05	11.00	49.48	32.22	8.19	7.94	6.8	3.443	91.1	1.7	0.4
1141	3/4/2015 10:31:05	10.88	49.70	32.38	8.17	7.94	6.8	3.518	90.8	1.5	0.4
1142	3/4/2015 10:46:05	10.77	49.87	32.50	8.15	7.94	6.6	3.558	90.4	1.6	0.4
1143	3/4/2015 11:01:05	10.74	49.91	32.53	8.10	7.93	4.8	3.570	89.8	1.0	0.2
1144	3/4/2015 11:16:05	10.90	49.73	32.40	8.02	7.94	4.7	3.595	89.1	1.3	0.3
1145	3/4/2015 11:31:05	10.75	49.95	32.55	8.04	7.93	5.7	3.585	89.1	1.4	0.3
1146	3/4/2015 11:46:05	10.76	49.93	32.54	8.09	7.93	6.1	3.548	89.7	1.3	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 meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
1147	3/4/2015 12:01:05	11.11	49.57	32.29	8.19	7.94	6.6	3.482	91.3	1.5	0.4
1148	3/4/2015 12:16:06	11.64	49.01	31.92	8.38	7.96	6.9	3.411	94.3	1.5	0.4
1149	3/4/2015 12:31:05	11.78	49.14	32.02	8.44	7.96	7.1	3.331	95.3	2.1	0.5
1150	3/4/2015 12:46:05	12.03	48.68	31.70	8.44	7.96	5.1	3.215	95.7	2.0	0.5
1151	3/4/2015 13:01:05	12.13	48.54	31.60	8.51	7.97	5.1	3.119	96.6	1.6	0.4
1152	3/4/2015 13:16:05	12.25	48.42	31.52	8.62	7.98	5.4	3.019	98.0	1.7	0.4
1153	3/4/2015 13:31:05	12.41	48.29	31.43	8.75	7.99	4.5	2.911	99.8	1.4	0.3
1154	3/4/2015 13:46:05	12.46	48.27	31.42	8.79	7.99	4.1	2.805	100.4	1.9	0.4
1155	3/4/2015 14:01:05	12.61	47.92	31.17	8.80	7.99	5.2	2.688	100.6	1.0	0.2
1156	3/4/2015 14:16:05	12.66	47.75	31.05	8.77	7.99	5.3	2.596	100.3	1.8	0.4
1157	3/4/2015 14:31:05	12.87	48.24	31.42	8.78	8.00	4.0	2.479	101.1	2.1	0.5
1158	3/4/2015 14:46:05	12.84	47.74	31.05	8.85	8.00	4.7	2.362	101.6	1.9	0.4
1159	3/4/2015 15:01:05	12.97	47.53	30.91	8.97	8.00	4.8	2.244	103.2	1.8	0.4
1160	3/4/2015 15:16:05	13.11	47.50	30.89	9.09	8.02	4.5	2.130	104.8	1.9	0.5
1161	3/4/2015 15:31:05	13.25	47.44	30.85	9.12	8.02	4.7	2.016	105.5	1.7	0.4
1162	3/4/2015 15:46:04	13.32	47.22	30.69	9.21	8.03	4.5	1.897	106.5	2.0	0.5
1163	3/4/2015 16:01:04	13.36	47.20	30.68	9.25	8.04	4.3	1.791	107.1	2.1	0.5
1164	3/4/2015 16:16:05	13.37	47.11	30.62	9.31	8.04	4.6	1.695	107.8	2.2	0.5
1165	3/4/2015 16:31:05	13.39	47.07	30.59	9.39	8.05	4.2	1.600	108.7	1.7	0.4
1166	3/4/2015 16:46:04	13.34	46.90	30.47	9.39	8.05	5.3	1.542	108.6	2.1	0.5
1167	3/4/2015 17:01:05	13.33	46.87	30.44	9.39	8.05	3.9	1.499	108.5	2.4	0.6
1168	3/4/2015 17:16:05	13.30	46.86	30.43	9.39	8.05	4.0	1.471	108.4	1.8	0.4
1169	3/4/2015 17:31:05	13.31	46.87	30.44	9.33	8.05	3.7	1.475	107.8	2.4	0.6
1170	3/4/2015 17:46:05	13.25	46.86	30.43	9.37	8.05	3.6	1.519	108.0	2.4	0.6
1171	3/4/2015 18:01:05	13.17	46.83	30.41	9.31	8.04	3.3	1.569	107.2	2.1	0.5
1172	3/4/2015 18:16:05	13.12	46.81	30.39	9.25	8.04	4.0	1.630	106.3	2.2	0.5
1173	3/4/2015 18:31:05	13.08	46.58	30.22	9.13	8.02	4.2	1.717	104.7	2.3	0.6
1174	3/4/2015 18:46:05	13.07	46.60	30.24	9.10	8.02	4.5	1.802	104.4	2.2	0.5
1175	3/4/2015 19:01:05	13.04	46.39	30.09	8.97	8.01	5.0	1.886	102.8	2.3	0.5
1176	3/4/2015 19:16:05	13.01	46.35	30.05	8.91	8.00	4.7	1.973	102.0	2.6	0.6
1177	3/4/2015 19:31:05	13.02	46.63	30.26	8.93	8.00	4.8	2.064	102.3	2.2	0.5
1178	3/4/2015 19:46:05	12.97	46.80	30.38	8.90	8.00	5.0	2.153	102.0	1.9	0.5
1179	3/4/2015 20:01:05	12.79	46.97	30.49	8.80	7.99	4.6	2.233	100.6	2.1	0.5
1180	3/4/2015 20:16:05	12.66	47.37	30.78	8.68	7.98	4.5	2.326	99.1	2.0	0.5
1181	3/4/2015 20:31:05	12.56	47.61	30.95	8.64	7.98	4.4	2.429	98.6	1.7	0.4
1182	3/4/2015 20:46:05	12.53	47.74	31.04	8.68	7.98	4.7	2.509	99.0	2.1	0.5
1183	3/4/2015 21:01:05	12.51	47.79	31.08	8.68	7.98	4.7	2.598	99.0	1.6	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	Fluorescence %FS
1184	3/4/2015 21:16:05	12.47	47.90	31.15	8.66	7.98	5.7	2.693	98.7	1.7	0.4
1185	3/4/2015 21:31:05	12.39	48.04	31.25	8.61	7.98	5.9	2.775	98.0	1.6	0.4
1186	3/4/2015 21:46:05	12.30	48.07	31.27	8.56	7.97	6.4	2.863	97.3	2.2	0.5
1187	3/4/2015 22:01:06	12.14	48.31	31.44	8.53	7.97	8.1	2.947	96.7	2.0	0.5
1188	3/4/2015 22:16:05	12.04	48.46	31.54	8.52	7.97	7.8	3.031	96.5	1.9	0.4
1189	3/4/2015 22:31:05	11.89	48.67	31.69	8.45	7.96	7.4	3.119	95.5	2.3	0.5
1190	3/4/2015 22:46:05	11.64	49.04	31.94	8.30	7.95	8.6	3.192	93.4	2.1	0.5
1191	3/4/2015 23:01:05	11.37	49.49	32.26	8.12	7.94	9.0	3.263	91.1	2.1	0.5
1192	3/4/2015 23:16:05	11.21	49.72	32.41	8.01	7.93	7.9	3.335	89.6	2.0	0.5
1193	3/4/2015 23:31:05	11.09	49.82	32.48	7.90	7.93	7.4	3.389	88.2	1.7	0.4
1194	3/4/2015 23:46:05	11.02	49.92	32.55	7.84	7.93	5.5	3.421	87.4	2.1	0.5
1195	3/5/2015 00:01:05	11.00	49.97	32.58	7.75	7.92	4.7	3.450	86.4	1.8	0.4
1196	3/5/2015 00:16:05	11.05	49.90	32.53	7.79	7.92	6.7	3.457	87.0	1.7	0.4
1197	3/5/2015 00:31:06	10.98	49.99	32.60	7.73	7.92	5.7	3.426	86.2	1.5	0.4
1198	3/5/2015 00:46:05	11.20	49.61	32.33	7.89	7.93	5.9	3.385	88.2	1.7	0.4
1199	3/5/2015 01:01:06	11.82	48.50	31.56	8.26	7.96	5.4	3.322	93.1	2.1	0.5
1200	3/5/2015 01:16:06	11.84	48.52	31.58	8.25	7.95	6.2	3.245	93.1	1.6	0.4
1201	3/5/2015 01:31:06	11.66	48.67	31.68	8.26	7.95	5.8	3.155	92.8	2.4	0.6
1202	3/5/2015 01:46:05	11.88	48.35	31.45	8.28	7.95	6.4	3.060	93.4	1.8	0.4
1203	3/5/2015 02:01:06	11.91	48.33	31.44	8.27	7.95	5.3	2.963	93.4	1.8	0.4
1204	3/5/2015 02:16:06	11.90	48.31	31.43	8.27	7.95	4.8	2.870	93.3	1.5	0.4
1205	3/5/2015 02:31:05	11.99	48.09	31.27	8.28	7.95	4.7	2.775	93.5	1.7	0.4
1206	3/5/2015 02:46:05	12.03	47.92	31.15	8.33	7.96	5.3	2.684	94.0	2.3	0.5
1207	3/5/2015 03:01:05	12.01	47.94	31.16	8.34	7.96	5.9	2.590	94.2	1.9	0.4
1208	3/5/2015 03:16:06	11.99	47.86	31.10	8.35	7.96	5.5	2.490	94.2	1.8	0.4
1209	3/5/2015 03:31:06	12.12	47.48	30.84	8.39	7.97	5.3	2.397	94.7	1.9	0.4
1210	3/5/2015 03:46:06	12.14	47.17	30.61	8.41	7.98	5.4	2.312	94.9	1.9	0.4
1211	3/5/2015 04:01:05	11.91	47.44	30.79	8.41	7.97	4.8	2.228	94.5	1.3	0.3
1212	3/5/2015 04:16:05	11.99	47.32	30.72	8.45	7.97	4.5	2.151	95.1	1.8	0.4
1213	3/5/2015 04:31:06	12.05	47.27	30.68	8.45	7.98	4.2	2.077	95.2	2.1	0.5
1214	3/5/2015 04:46:05	12.12	47.12	30.58	8.52	7.98	4.0	2.014	96.1	1.4	0.3
1215	3/5/2015 05:01:06	12.17	47.05	30.53	8.54	7.99	4.0	1.971	96.4	2.0	0.5
1216	3/5/2015 05:16:06	12.16	46.96	30.46	8.57	7.99	3.8	1.950	96.7	2.1	0.5
1217	3/5/2015 05:31:05	12.11	46.97	30.46	8.54	7.99	4.5	1.931	96.2	1.8	0.4
1218	3/5/2015 05:46:05	12.14	46.94	30.44	8.56	7.99	3.9	1.939	96.4	1.7	0.4
1219	3/5/2015 06:01:05	12.13	46.96	30.46	8.60	7.99	4.7	1.978	96.8	1.6	0.4
1220	3/5/2015 06:16:06	12.15	46.94	30.45	8.57	7.99	4.3	2.021	96.6	1.1	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	Fluorescence %FS
1221	3/5/2015 06:31:05	12.16	46.95	30.46	8.54	7.99	4.3	2.074	96.3	1.9	0.5
1222	3/5/2015 06:46:06	11.98	46.72	30.28	8.46	7.97	5.1	2.148	95.0	1.7	0.4
1223	3/5/2015 07:01:06	11.94	46.63	30.22	8.42	7.97	4.8	2.237	94.4	1.4	0.3
1224	3/5/2015 07:16:05	11.99	46.73	30.29	8.42	7.96	5.3	2.313	94.5	2.1	0.5
1225	3/5/2015 07:31:05	12.08	47.03	30.51	8.41	7.96	4.5	2.398	94.7	1.9	0.4
1226	3/5/2015 07:46:05	12.02	47.36	30.74	8.36	7.96	4.5	2.481	94.2	1.4	0.3
1227	3/5/2015 08:01:05	11.96	47.67	30.96	8.33	7.95	4.5	2.557	93.9	1.6	0.4
1228	3/5/2015 08:16:05	11.94	47.87	31.11	8.36	7.96	4.8	2.644	94.2	1.5	0.4
1229	3/5/2015 08:31:05	11.95	47.99	31.20	8.38	7.96	4.4	2.713	94.5	1.2	0.3
1230	3/5/2015 08:46:05	11.94	48.10	31.28	8.39	7.96	4.2	2.796	94.6	1.7	0.4
1231	3/5/2015 09:01:05	11.91	48.20	31.35	8.38	7.96	5.0	2.877	94.5	1.8	0.4
1232	3/5/2015 09:16:06	11.81	48.41	31.49	8.31	7.96	5.4	2.954	93.6	2.1	0.5
1233	3/5/2015 09:31:06	11.72	48.65	31.67	8.26	7.95	5.7	3.035	92.9	1.8	0.4
1234	3/5/2015 09:46:05	11.61	48.83	31.79	8.19	7.94	6.7	3.112	92.1	1.5	0.4
1235	3/5/2015 10:01:06	11.44	49.04	31.93	8.16	7.94	6.9	3.198	91.4	1.3	0.3
1236	3/5/2015 10:16:05	11.36	49.16	32.02	8.14	7.94	7.2	3.273	91.1	1.9	0.5
1237	3/5/2015 10:31:05	11.31	49.33	32.13	8.10	7.94	5.9	3.353	90.6	1.8	0.4
1238	3/5/2015 10:46:05	11.14	49.54	32.28	8.02	7.93	6.1	3.420	89.5	1.8	0.4
1239	3/5/2015 11:01:05	10.99	49.76	32.43	7.96	7.93	5.7	3.485	88.6	2.1	0.5
Mean		12.23	47.21	30.65	8.21	7.98	8.88	2.61	92.85	2.21	0.52
Minimum		10.74	42.91	27.62	7.54	7.92	2.50	1.18	84.40	0.70	0.20
Maximum		13.97	49.99	32.60	9.39	8.07	58.10	3.91	108.70	5.60	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

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	Fluorescence %FS
0	3/5/2015 11:31:09	10.91	48.53	31.53	7.87	7.99		3.521	87.0	2.6	0.6
1	3/5/2015 11:46:10	10.89	48.73	31.68	7.91	8.00	3.2	3.540	87.5	1.5	0.4
2	3/5/2015 12:01:10	10.90	48.61	31.59	7.83	8.00	4.6	3.540	86.6	1.6	0.4
3	3/5/2015 12:16:10	10.91	48.69	31.65	7.80	8.00	5.0	3.516	86.3	1.6	0.4
4	3/5/2015 12:31:10	11.08	48.52	31.54	7.79	8.01	5.1	3.462	86.4	1.3	0.3
5	3/5/2015 12:46:10	11.77	47.95	31.16	8.18	8.03	5.2	3.389	91.8	1.4	0.3
6	3/5/2015 13:01:10	12.25	47.83	31.09	8.36	8.05	5.4	3.305	94.9	1.5	0.4
7	3/5/2015 13:16:10	12.27	47.47	30.83	8.31	8.05	4.1	3.206	94.1	1.6	0.4
8	3/5/2015 13:31:10	12.36	47.65	30.97	8.40	8.06	4.2	3.114	95.4	1.4	0.3
9	3/5/2015 13:46:10	12.48	47.38	30.78	8.55	8.07	4.1	3.006	97.3	1.5	0.4
10	3/5/2015 14:01:10	12.58	47.36	30.77	8.66	8.08	4.0	2.898	98.7	1.8	0.4
11	3/5/2015 14:16:10	12.80	46.93	30.47	8.75	8.08	4.2	2.796	100.0	2.2	0.5
12	3/5/2015 14:31:10	12.80	47.12	30.61	8.77	8.09	3.9	2.695	100.3	1.6	0.4
13	3/5/2015 14:46:11	12.95	46.96	30.49	8.85	8.09	4.4	2.578	101.5	1.8	0.4
14	3/5/2015 15:01:10	13.08	46.57	30.22	8.85	8.09	4.2	2.455	101.6	1.6	0.4
15	3/5/2015 15:16:10	13.10	46.96	30.50	8.83	8.09	4.8	2.350	101.6	1.6	0.4
16	3/5/2015 15:31:11	13.21	46.73	30.34	8.95	8.10	4.4	2.236	103.0	1.9	0.5
17	3/5/2015 15:46:10	13.29	46.62	30.26	9.07	8.11	4.2	2.110	104.5	2.0	0.5
18	3/5/2015 16:01:10	13.35	46.50	30.18	9.13	8.12	4.7	1.993	105.3	2.4	0.6
19	3/5/2015 16:16:11	13.54	46.47	30.16	9.20	8.13	4.5	1.889	106.6	1.4	0.3
20	3/5/2015 16:31:10	13.57	46.47	30.16	9.27	8.14	4.0	1.791	107.5	2.1	0.5
21	3/5/2015 16:46:10	13.64	46.43	30.13	9.33	8.15	4.0	1.686	108.3	2.1	0.5
22	3/5/2015 17:01:10	13.62	46.31	30.05	9.39	8.15	3.8	1.597	108.9	1.8	0.4
23	3/5/2015 17:16:10	13.64	46.12	29.91	9.41	8.16	4.0	1.547	109.0	1.6	0.4
24	3/5/2015 17:31:10	13.65	45.92	29.77	9.44	8.16	3.4	1.512	109.3	2.3	0.5
25	3/5/2015 17:46:10	13.68	46.15	29.93	9.46	8.16	3.8	1.474	109.7	2.5	0.6
26	3/5/2015 18:01:11	13.62	46.09	29.89	9.40	8.16	3.9	1.498	108.9	2.2	0.5
27	3/5/2015 18:16:11	13.57	46.22	29.98	9.36	8.15	3.1	1.531	108.3	1.8	0.4
28	3/5/2015 18:31:11	13.55	46.15	29.93	9.32	8.15	3.0	1.582	107.8	2.0	0.5
29	3/5/2015 18:46:11	13.53	46.23	29.99	9.26	8.14	3.2	1.651	107.1	1.9	0.4
30	3/5/2015 19:01:11	13.49	45.87	29.72	9.06	8.12	4.3	1.727	104.6	1.8	0.4
31	3/5/2015 19:16:11	13.49	45.97	29.80	9.07	8.12	3.7	1.821	104.7	2.1	0.5
32	3/5/2015 19:31:10	13.46	45.79	29.67	8.93	8.11	4.6	1.898	103.0	2.1	0.5
33	3/5/2015 19:46:10	13.42	45.77	29.65	8.86	8.10	4.6	1.989	102.0	2.3	0.5
34	3/5/2015 20:01:10	13.40	45.89	29.74	8.89	8.11	4.0	2.080	102.5	2.3	0.5
35	3/5/2015 20:16:11	13.32	46.29	30.03	8.84	8.10	4.6	2.155	101.8	2.1	0.5
36	3/5/2015 20:31:11	13.12	46.45	30.13	8.74	8.09	3.7	2.250	100.3	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	Fluorescence %FS
37	3/5/2015 20:46:10	12.92	46.65	30.27	8.55	8.07	4.4	2.344	97.8	2.4	0.6
38	3/5/2015 21:01:11	12.81	47.02	30.53	8.49	8.07	4.2	2.429	97.1	2.4	0.6
39	3/5/2015 21:16:11	12.79	47.15	30.63	8.52	8.07	4.3	2.522	97.4	2.2	0.5
40	3/5/2015 21:31:10	12.78	47.05	30.55	8.53	8.07	4.8	2.608	97.5	2.2	0.5
41	3/5/2015 21:46:11	12.71	47.19	30.65	8.50	8.07	4.8	2.696	97.1	2.3	0.5
42	3/5/2015 22:01:10	12.59	47.37	30.78	8.41	8.06	5.4	2.790	95.8	2.1	0.5
43	3/5/2015 22:16:11	12.50	47.48	30.85	8.34	8.05	5.8	2.870	94.9	2.2	0.5
44	3/5/2015 22:31:11	12.34	47.60	30.93	8.28	8.05	7.6	2.954	94.0	3.0	0.7
45	3/5/2015 22:46:11	12.18	47.77	31.05	8.22	8.04	7.2	3.039	93.1	2.4	0.6
46	3/5/2015 23:01:11	12.03	48.05	31.24	8.15	8.04	6.5	3.120	92.1	2.2	0.5
47	3/5/2015 23:16:11	11.80	48.30	31.42	8.05	8.03	7.0	3.193	90.6	2.1	0.5
48	3/5/2015 23:31:11	11.58	48.51	31.56	7.95	8.02	6.7	3.262	89.2	1.9	0.4
49	3/5/2015 23:46:11	11.42	49.00	31.90	7.90	8.02	6.3	3.333	88.5	2.5	0.6
50	3/6/2015 00:01:11	11.34	49.00	31.90	7.87	8.02	5.4	3.377	88.0	2.0	0.5
51	3/6/2015 00:16:11	11.30	49.16	32.01	7.84	8.02	4.7	3.411	87.6	1.8	0.4
52	3/6/2015 00:31:10	11.30	49.01	31.90	7.80	8.02	3.4	3.439	87.1	2.2	0.5
53	3/6/2015 00:46:10	11.33	49.14	32.00	7.77	8.02	4.8	3.435	87.0	1.9	0.5
54	3/6/2015 01:01:11	11.30	49.03	31.92	7.79	8.02	4.6	3.403	87.0	1.8	0.4
55	3/6/2015 01:16:11	11.56	48.79	31.76	7.87	8.02	6.4	3.353	88.3	2.3	0.5
56	3/6/2015 01:31:10	12.05	47.71	31.00	8.07	8.04	6.2	3.292	91.0	2.1	0.5
57	3/6/2015 01:46:11	11.89	48.06	31.25	8.06	8.04	6.2	3.209	90.8	1.9	0.4
58	3/6/2015 02:01:11	11.69	48.31	31.41	8.00	8.03	5.1	3.113	89.9	1.9	0.5
59	3/6/2015 02:16:11	11.96	47.98	31.19	8.05	8.04	6.6	3.015	90.8	2.1	0.5
60	3/6/2015 02:31:11	12.08	47.74	31.02	8.04	8.04	8.1	2.924	90.9	1.9	0.4
61	3/6/2015 02:46:11	12.09	47.79	31.06	8.04	8.04	8.7	2.829	90.9	2.1	0.5
62	3/6/2015 03:01:10	12.14	47.49	30.84	8.07	8.04	10.0	2.722	91.2	2.3	0.5
63	3/6/2015 03:16:11	12.14	47.56	30.90	8.18	8.04	10.0	2.633	92.5	2.0	0.5
64	3/6/2015 03:31:11	12.14	47.43	30.80	8.13	8.04	8.4	2.535	91.8	1.9	0.4
65	3/6/2015 03:46:11	12.19	47.14	30.59	8.17	8.05	5.9	2.432	92.3	1.8	0.4
66	3/6/2015 04:01:12	12.21	47.29	30.70	8.25	8.06	5.7	2.337	93.2	2.1	0.5
67	3/6/2015 04:16:11	12.19	47.00	30.49	8.27	8.07	7.0	2.237	93.3	2.1	0.5
68	3/6/2015 04:31:12	12.24	46.67	30.26	8.35	8.08	6.7	2.156	94.1	1.9	0.4
69	3/6/2015 04:46:11	12.07	46.84	30.37	8.31	8.07	5.9	2.060	93.5	1.7	0.4
70	3/6/2015 05:01:11	12.26	46.45	30.10	8.44	8.09	5.4	1.981	95.1	1.8	0.4
71	3/6/2015 05:16:11	12.33	46.41	30.08	8.44	8.09	5.0	1.919	95.2	1.6	0.4
72	3/6/2015 05:31:12	12.42	46.62	30.23	8.44	8.09	4.2	1.847	95.5	1.8	0.4
73	3/6/2015 05:46:11	12.46	46.33	30.02	8.47	8.10	4.1	1.815	95.9	1.2	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	Fluorescence %FS
74	3/6/2015 06:01:11	12.49	46.54	30.17	8.44	8.10	3.4	1.809	95.7	1.7	0.4
75	3/6/2015 06:16:11	12.45	46.30	30.00	8.50	8.10	3.4	1.799	96.1	1.7	0.4
76	3/6/2015 06:31:11	12.41	46.51	30.15	8.47	8.10	3.8	1.828	95.9	1.8	0.4
77	3/6/2015 06:46:11	12.46	46.43	30.09	8.48	8.09	3.7	1.874	96.0	1.7	0.4
78	3/6/2015 07:01:11	12.47	46.39	30.06	8.47	8.09	4.4	1.938	95.9	1.5	0.4
79	3/6/2015 07:16:11	12.32	46.20	29.92	8.43	8.08	4.9	2.023	95.0	1.5	0.4
80	3/6/2015 07:31:11	12.18	46.05	29.81	8.31	8.07	5.6	2.097	93.4	1.6	0.4
81	3/6/2015 07:46:11	12.30	46.35	30.03	8.32	8.07	5.1	2.181	93.8	1.8	0.4
82	3/6/2015 08:01:11	12.37	46.40	30.07	8.33	8.07	4.9	2.266	94.1	2.0	0.5
83	3/6/2015 08:16:11	12.34	46.64	30.24	8.28	8.06	4.8	2.344	93.6	1.7	0.4
84	3/6/2015 08:31:11	12.28	46.83	30.37	8.23	8.06	4.7	2.428	92.9	1.3	0.3
85	3/6/2015 08:46:10	12.25	47.10	30.57	8.19	8.05	5.0	2.507	92.6	2.2	0.5
86	3/6/2015 09:01:11	12.24	47.31	30.72	8.20	8.05	4.4	2.587	92.8	1.3	0.3
87	3/6/2015 09:16:11	12.25	47.43	30.81	8.21	8.05	4.5	2.667	92.9	1.7	0.4
88	3/6/2015 09:31:10	12.24	47.53	30.88	8.20	8.05	4.3	2.748	92.9	1.6	0.4
89	3/6/2015 09:46:11	12.21	47.78	31.06	8.16	8.05	5.0	2.825	92.4	2.1	0.5
90	3/6/2015 10:01:11	12.11	47.94	31.17	8.11	8.04	4.9	2.908	91.8	1.7	0.4
91	3/6/2015 10:16:10	12.00	48.05	31.24	8.06	8.04	5.5	2.994	91.0	1.8	0.4
92	3/6/2015 10:31:11	11.90	48.21	31.35	8.02	8.03	6.3	3.061	90.4	2.1	0.5
93	3/6/2015 10:46:11	11.71	48.24	31.37	8.03	8.03	7.4	3.148	90.1	1.5	0.4
94	3/6/2015 11:01:11	11.61	48.61	31.63	7.99	8.03	6.8	3.224	89.7	1.7	0.4
95	3/6/2015 11:16:11	11.48	48.72	31.70	7.96	8.03	6.0	3.295	89.2	2.2	0.5
96	3/6/2015 11:31:11	11.32	48.88	31.81	7.90	8.02	5.9	3.364	88.2	2.1	0.5
97	3/6/2015 11:46:11	11.22	49.07	31.94	7.84	8.02	4.3	3.412	87.5	2.3	0.5
98	3/6/2015 12:01:12	11.08	49.20	32.03	7.78	8.02	4.2	3.454	86.6	2.2	0.5
99	3/6/2015 12:16:11	11.05	49.22	32.04	7.78	8.02	3.8	3.488	86.5	2.1	0.5
100	3/6/2015 12:31:11	11.04	49.22	32.04	7.74	8.02	3.0	3.497	86.0	1.5	0.3
101	3/6/2015 12:46:11	11.05	49.20	32.03	7.74	8.02	4.1	3.475	86.1	2.0	0.5
102	3/6/2015 13:01:11	11.07	49.35	32.13	7.77	8.02	4.3	3.446	86.5	2.1	0.5
103	3/6/2015 13:16:10	11.39	48.91	31.84	7.89	8.03	4.2	3.392	88.3	2.1	0.5
104	3/6/2015 13:31:10	12.11	48.55	31.61	8.19	8.05	5.1	3.302	92.9	1.7	0.4
105	3/6/2015 13:46:10	12.22	48.61	31.66	8.22	8.05	5.4	3.214	93.5	2.0	0.5
106	3/6/2015 14:01:10	12.50	48.27	31.43	8.24	8.05	4.8	3.123	94.2	2.0	0.5
107	3/6/2015 14:16:10	12.71	47.99	31.23	8.41	8.07	5.4	3.026	96.4	1.8	0.4
108	3/6/2015 14:31:11	12.72	48.06	31.28	8.44	8.07	5.7	2.928	96.8	2.1	0.5
109	3/6/2015 14:46:11	12.88	47.82	31.11	8.56	8.08	5.7	2.815	98.4	2.1	0.5
110	3/6/2015 15:01:11	12.99	47.72	31.05	8.62	8.09	5.3	2.716	99.3	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	Fluorescence %FS
111	3/6/2015 15:16:11	13.09	47.74	31.06	8.72	8.10	5.4	2.602	100.7	1.9	0.4
112	3/6/2015 15:31:11	13.20	47.82	31.12	8.78	8.10	6.1	2.497	101.5	2.1	0.5
113	3/6/2015 15:46:11	13.23	47.49	30.88	8.84	8.11	5.9	2.380	102.2	1.7	0.4
114	3/6/2015 16:01:11	13.33	47.60	30.97	8.89	8.12	5.3	2.268	103.0	1.8	0.4
115	3/6/2015 16:16:10	13.36	47.12	30.62	8.97	8.12	5.1	2.154	103.8	2.1	0.5
116	3/6/2015 16:31:10	13.43	47.26	30.72	9.05	8.13	5.0	2.050	105.0	1.8	0.4
117	3/6/2015 16:46:11	13.54	47.18	30.67	9.16	8.14	5.3	1.937	106.4	1.8	0.4
118	3/6/2015 17:01:11	13.63	47.07	30.59	9.25	8.16	5.6	1.836	107.6	2.0	0.5
119	3/6/2015 17:16:11	13.68	47.02	30.56	9.27	8.16	5.2	1.741	108.0	1.9	0.5
120	3/6/2015 17:31:11	13.70	46.86	30.45	9.28	8.16	4.7	1.677	108.1	1.8	0.4
121	3/6/2015 17:46:11	13.69	46.96	30.52	9.26	8.17	4.7	1.610	107.9	2.2	0.5
122	3/6/2015 18:01:12	13.70	46.87	30.45	9.25	8.17	4.3	1.567	107.7	1.9	0.5
123	3/6/2015 18:16:11	13.71	46.75	30.37	9.30	8.17	4.2	1.553	108.2	2.4	0.6
124	3/6/2015 18:31:11	13.71	46.79	30.40	9.30	8.17	4.2	1.575	108.2	2.2	0.5
125	3/6/2015 18:46:11	13.68	46.75	30.37	9.27	8.16	3.9	1.599	107.8	2.5	0.6
126	3/6/2015 19:01:11	13.68	46.88	30.46	9.25	8.16	4.1	1.654	107.7	1.9	0.4
127	3/6/2015 19:16:11	13.70	46.79	30.40	9.26	8.16	4.1	1.718	107.8	2.1	0.5
128	3/6/2015 19:31:11	13.68	46.80	30.41	9.22	8.15	4.0	1.798	107.2	2.4	0.6
129	3/6/2015 19:46:11	13.66	46.43	30.13	8.98	8.13	5.4	1.881	104.3	2.1	0.5
130	3/6/2015 20:01:11	13.64	46.43	30.13	8.93	8.12	5.2	1.955	103.6	2.3	0.5
131	3/6/2015 20:16:11	13.63	46.50	30.18	8.88	8.12	5.3	2.053	103.0	2.3	0.5
132	3/6/2015 20:31:11	13.56	46.80	30.40	8.93	8.12	5.0	2.136	103.6	2.7	0.6
133	3/6/2015 20:46:11	13.44	46.90	30.47	8.86	8.11	5.1	2.218	102.6	2.3	0.5
134	3/6/2015 21:01:11	13.24	47.26	30.72	8.68	8.09	4.8	2.311	100.3	2.3	0.5
135	3/6/2015 21:16:11	13.07	47.22	30.68	8.57	8.08	4.7	2.389	98.6	2.4	0.6
136	3/6/2015 21:31:11	12.95	47.61	30.96	8.51	8.07	4.3	2.490	97.9	2.4	0.6
137	3/6/2015 21:46:11	12.90	47.55	30.91	8.52	8.07	4.7	2.577	97.8	2.3	0.5
138	3/6/2015 22:01:11	12.87	47.63	30.97	8.50	8.07	4.5	2.659	97.6	2.1	0.5
139	3/6/2015 22:16:12	12.79	47.85	31.13	8.45	8.07	4.9	2.754	96.9	2.1	0.5
140	3/6/2015 22:31:10	12.67	47.69	31.01	8.42	8.06	5.8	2.828	96.3	2.2	0.5
141	3/6/2015 22:46:10	12.59	48.02	31.25	8.36	8.06	5.7	2.915	95.6	1.9	0.5
142	3/6/2015 23:01:11	12.34	48.29	31.43	8.29	8.05	7.3	3.004	94.4	2.7	0.6
143	3/6/2015 23:16:11	12.15	48.30	31.43	8.24	8.05	6.7	3.088	93.5	2.7	0.6
144	3/6/2015 23:31:11	11.98	48.68	31.70	8.16	8.04	6.6	3.168	92.4	2.8	0.7
145	3/6/2015 23:46:11	11.74	48.80	31.77	8.09	8.04	6.4	3.243	91.2	2.4	0.6
146	3/7/2015 00:01:11	11.57	48.98	31.89	8.04	8.03	6.8	3.324	90.3	2.7	0.6
147	3/7/2015 00:16:11	11.43	49.26	32.09	8.00	8.03	6.0	3.389	89.8	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	Fluorescence %FS
148	3/7/2015 00:31:10	11.37	49.13	31.99	7.98	8.03	4.3	3.423	89.3	2.6	0.6
149	3/7/2015 00:46:10	11.35	49.33	32.13	7.95	8.03	3.6	3.465	89.1	2.8	0.7
150	3/7/2015 01:01:11	11.35	49.43	32.21	7.89	8.03	2.7	3.491	88.4	2.2	0.5
151	3/7/2015 01:16:11	11.44	49.37	32.17	7.87	8.03	4.1	3.475	88.3	1.9	0.4
152	3/7/2015 01:31:11	11.36	49.46	32.23	7.91	8.03	5.6	3.436	88.6	2.6	0.6
153	3/7/2015 01:46:10	11.97	48.33	31.44	8.01	8.04	4.8	3.387	90.5	2.5	0.6
154	3/7/2015 02:01:11	12.16	48.34	31.46	8.07	8.04	5.4	3.317	91.5	1.5	0.4
155	3/7/2015 02:16:11	11.96	48.52	31.58	8.09	8.04	5.0	3.218	91.4	2.0	0.5
156	3/7/2015 02:31:11	11.94	48.61	31.65	8.07	8.04	4.5	3.121	91.3	2.1	0.5
157	3/7/2015 02:46:11	12.10	48.39	31.50	8.06	8.04	5.4	3.020	91.4	1.3	0.3
158	3/7/2015 03:01:11	12.26	48.22	31.38	8.09	8.04	5.4	2.921	91.9	1.6	0.4
159	3/7/2015 03:16:11	12.36	48.04	31.25	8.11	8.05	5.9	2.825	92.3	1.7	0.4
160	3/7/2015 03:31:11	12.37	47.99	31.22	8.12	8.05	5.2	2.727	92.4	1.8	0.4
161	3/7/2015 03:46:11	12.34	48.09	31.29	8.14	8.05	5.6	2.623	92.6	2.0	0.5
162	3/7/2015 04:01:11	12.50	47.68	31.00	8.18	8.05	5.3	2.529	93.2	1.3	0.3
163	3/7/2015 04:16:11	12.52	47.68	31.00	8.19	8.06	5.9	2.428	93.4	1.7	0.4
164	3/7/2015 04:31:11	12.55	47.66	30.98	8.21	8.06	5.9	2.328	93.6	2.2	0.5
165	3/7/2015 04:46:11	12.54	47.52	30.88	8.24	8.07	5.7	2.225	93.9	2.1	0.5
166	3/7/2015 05:01:12	12.57	47.47	30.84	8.32	8.07	5.9	2.125	94.9	1.8	0.4
167	3/7/2015 05:16:11	12.54	47.47	30.84	8.28	8.07	5.6	2.049	94.3	1.6	0.4
168	3/7/2015 05:31:11	12.64	47.29	30.72	8.31	8.08	5.3	1.950	94.8	1.9	0.5
169	3/7/2015 05:46:11	12.73	47.38	30.79	8.36	8.09	5.2	1.870	95.6	1.7	0.4
170	3/7/2015 06:01:12	12.85	47.15	30.63	8.41	8.10	5.0	1.808	96.2	2.2	0.5
171	3/7/2015 06:16:12	12.88	47.09	30.58	8.41	8.10	4.6	1.765	96.4	1.7	0.4
172	3/7/2015 06:31:11	12.90	46.84	30.41	8.46	8.11	4.5	1.745	96.8	1.7	0.4
173	3/7/2015 06:46:11	12.88	47.05	30.56	8.38	8.10	5.6	1.725	96.0	1.9	0.4
174	3/7/2015 07:01:11	12.87	46.89	30.44	8.47	8.11	4.6	1.760	96.9	1.8	0.4
175	3/7/2015 07:16:11	12.90	47.04	30.55	8.48	8.10	4.1	1.803	97.1	1.7	0.4
176	3/7/2015 07:31:11	12.86	46.82	30.39	8.46	8.10	4.3	1.857	96.8	2.1	0.5
177	3/7/2015 07:46:12	12.87	47.01	30.53	8.44	8.10	4.5	1.939	96.6	1.5	0.3
178	3/7/2015 08:01:11	12.61	46.60	30.22	8.30	8.08	6.1	2.005	94.3	2.4	0.6
179	3/7/2015 08:16:11	12.57	46.47	30.12	8.29	8.07	5.8	2.096	94.1	2.0	0.5
180	3/7/2015 08:31:11	12.71	46.79	30.36	8.32	8.08	5.3	2.187	94.9	1.4	0.3
181	3/7/2015 08:46:11	12.71	47.07	30.57	8.31	8.08	4.7	2.255	94.9	1.8	0.4
182	3/7/2015 09:01:11	12.60	47.42	30.81	8.26	8.06	5.0	2.342	94.3	1.9	0.5
183	3/7/2015 09:16:11	12.53	47.55	30.90	8.23	8.06	4.4	2.414	93.7	1.5	0.3
184	3/7/2015 09:31:10	12.51	47.60	30.94	8.26	8.06	4.7	2.503	94.1	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	Fluorescence %FS
185	3/7/2015 09:46:11	12.50	47.89	31.15	8.24	8.06	4.2	2.574	94.0	1.9	0.4
186	3/7/2015 10:01:12	12.49	47.92	31.17	8.22	8.05	4.2	2.649	93.8	2.1	0.5
187	3/7/2015 10:16:11	12.46	47.96	31.20	8.22	8.05	4.3	2.740	93.7	1.8	0.4
188	3/7/2015 10:31:11	12.40	48.01	31.23	8.20	8.05	4.9	2.808	93.3	1.7	0.4
189	3/7/2015 10:46:11	12.25	48.24	31.39	8.16	8.05	5.0	2.884	92.7	1.7	0.4
190	3/7/2015 11:01:11	12.18	48.35	31.47	8.13	8.04	5.5	2.963	92.3	1.8	0.4
191	3/7/2015 11:16:11	12.07	48.47	31.55	8.11	8.04	6.2	3.041	91.9	2.3	0.5
192	3/7/2015 11:31:11	11.86	48.68	31.69	8.09	8.04	6.0	3.128	91.4	1.8	0.4
193	3/7/2015 11:46:11	11.77	48.87	31.82	8.08	8.04	6.0	3.196	91.1	2.0	0.5
194	3/7/2015 12:01:11	11.64	49.04	31.95	8.04	8.04	5.7	3.264	90.5	2.2	0.5
195	3/7/2015 12:16:11	11.47	49.04	31.93	8.02	8.03	5.4	3.326	89.9	2.2	0.5
196	3/7/2015 12:31:11	11.36	49.30	32.12	7.97	8.03	3.9	3.364	89.3	2.5	0.6
197	3/7/2015 12:46:11	11.32	49.41	32.20	7.93	8.03	3.1	3.403	88.8	2.6	0.6
198	3/7/2015 13:01:11	11.28	49.40	32.18	7.89	8.03	2.8	3.418	88.2	1.6	0.4
199	3/7/2015 13:16:11	11.31	49.42	32.20	7.87	8.03	3.6	3.404	88.1	2.4	0.6
200	3/7/2015 13:31:11	11.32	49.32	32.13	7.89	8.03	5.4	3.376	88.4	2.2	0.5
201	3/7/2015 13:46:11	11.37	49.32	32.13	7.91	8.03	5.1	3.332	88.6	2.4	0.6
202	3/7/2015 14:01:12	11.88	48.82	31.80	8.13	8.05	4.3	3.266	91.9	2.3	0.5
203	3/7/2015 14:16:11	12.05	48.76	31.76	8.41	8.07	4.8	3.174	95.4	2.2	0.5
204	3/7/2015 14:31:11	11.96	48.73	31.73	8.27	8.05	4.2	3.075	93.6	2.4	0.6
205	3/7/2015 14:46:11	12.32	48.44	31.54	8.37	8.07	4.6	2.994	95.4	2.0	0.5
206	3/7/2015 15:01:11	12.45	48.31	31.45	8.45	8.07	4.8	2.896	96.5	2.0	0.5
207	3/7/2015 15:16:11	12.53	48.08	31.29	8.48	8.08	5.2	2.795	96.8	2.3	0.5
208	3/7/2015 15:31:11	12.68	47.75	31.05	8.59	8.09	4.3	2.701	98.2	2.3	0.5
209	3/7/2015 15:46:11	12.71	47.99	31.23	8.60	8.09	4.5	2.592	98.5	2.5	0.6
210	3/7/2015 16:01:11	12.77	47.50	30.88	8.65	8.09	4.8	2.503	99.0	2.3	0.5
211	3/7/2015 16:16:10	12.78	47.61	30.96	8.61	8.09	5.3	2.393	98.7	2.3	0.5
212	3/7/2015 16:31:11	12.72	47.84	31.12	8.63	8.09	5.2	2.290	98.9	1.9	0.5
213	3/7/2015 16:46:11	12.84	47.43	30.83	8.72	8.10	5.0	2.180	99.9	2.4	0.6
214	3/7/2015 17:01:11	12.87	47.34	30.76	8.71	8.10	5.1	2.098	99.9	2.1	0.5
215	3/7/2015 17:16:11	12.85	47.56	30.93	8.79	8.11	5.0	1.986	100.9	2.0	0.5
216	3/7/2015 17:31:11	12.91	47.55	30.92	8.75	8.12	5.2	1.905	100.6	2.3	0.5
217	3/7/2015 17:46:10	13.01	47.30	30.74	8.77	8.12	5.2	1.816	100.8	2.3	0.5
218	3/7/2015 18:01:11	13.04	47.24	30.70	8.76	8.12	4.8	1.749	100.7	2.6	0.6
219	3/7/2015 18:16:11	13.09	47.17	30.65	8.79	8.12	5.4	1.698	101.2	2.5	0.6
220	3/7/2015 18:31:12	13.14	47.12	30.61	8.75	8.13	4.3	1.657	100.8	3.0	0.7
221	3/7/2015 18:46:11	13.17	47.10	30.60	8.76	8.13	4.1	1.648	101.0	3.2	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	Fluorescence %FS
222	3/7/2015 19:01:11	13.13	47.14	30.63	8.76	8.12	4.0	1.648	100.9	3.3	0.8
223	3/7/2015 19:16:11	13.17	47.05	30.57	8.79	8.13	4.0	1.688	101.3	2.4	0.6
224	3/7/2015 19:31:11	13.14	47.04	30.56	8.77	8.12	4.1	1.727	101.0	2.1	0.5
225	3/7/2015 19:46:11	13.10	47.04	30.55	8.73	8.12	4.2	1.795	100.5	2.4	0.6
226	3/7/2015 20:01:10	13.06	46.92	30.47	8.66	8.11	4.7	1.875	99.6	2.5	0.6
227	3/7/2015 20:16:11	13.02	46.64	30.27	8.54	8.10	5.3	1.950	98.0	2.9	0.7
228	3/7/2015 20:31:11	13.00	46.62	30.25	8.56	8.10	5.0	2.042	98.1	2.2	0.5
229	3/7/2015 20:46:11	13.01	47.04	30.55	8.59	8.10	5.2	2.116	98.7	2.8	0.6
230	3/7/2015 21:01:11	12.98	47.13	30.61	8.59	8.10	4.8	2.197	98.6	2.5	0.6
231	3/7/2015 21:16:12	12.83	47.51	30.89	8.50	8.09	4.7	2.289	97.5	2.8	0.7
232	3/7/2015 21:31:11	12.72	47.52	30.89	8.44	8.08	4.3	2.372	96.5	2.6	0.6
233	3/7/2015 21:46:11	12.62	47.76	31.06	8.37	8.07	4.4	2.450	95.6	2.5	0.6
234	3/7/2015 22:01:11	12.59	47.98	31.21	8.37	8.07	4.0	2.535	95.7	2.7	0.6
235	3/7/2015 22:16:11	12.54	48.03	31.25	8.38	8.07	4.3	2.623	95.7	2.2	0.5
236	3/7/2015 22:31:11	12.50	48.04	31.25	8.38	8.06	5.0	2.708	95.6	2.9	0.7
237	3/7/2015 22:46:11	12.41	48.11	31.31	8.35	8.06	5.1	2.782	95.2	2.1	0.5
238	3/7/2015 23:01:11	12.32	48.20	31.37	8.31	8.06	5.2	2.866	94.6	2.5	0.6
239	3/7/2015 23:16:11	12.21	48.36	31.48	8.26	8.05	6.1	2.958	93.8	2.7	0.6
240	3/7/2015 23:31:11	11.99	48.55	31.61	8.23	8.05	7.1	3.040	93.1	3.1	0.7
241	3/7/2015 23:46:11	11.85	48.61	31.64	8.18	8.05	6.2	3.124	92.4	2.9	0.7
242	3/8/2015 00:01:12	11.67	49.04	31.94	8.10	8.04	6.0	3.213	91.2	3.2	0.7
243	3/8/2015 00:16:11	11.45	49.17	32.03	8.04	8.04	5.8	3.293	90.1	3.2	0.7
244	3/8/2015 00:31:11	11.30	49.25	32.08	7.97	8.04	5.8	3.358	89.2	3.3	0.8
245	3/8/2015 00:46:11	11.20	49.54	32.28	7.92	8.04	5.1	3.416	88.5	3.2	0.7
246	3/8/2015 01:01:11	11.15	49.51	32.26	7.90	8.04	4.3	3.459	88.1	3.1	0.7
247	3/8/2015 01:16:11	11.14	49.52	32.26	7.88	8.04	3.7	3.489	88.0	4.1	1.0
248	3/8/2015 01:31:11	11.27	49.39	32.17	7.85	8.03	3.4	3.494	87.8	2.1	0.5
249	3/8/2015 01:46:11	11.18	49.49	32.25	7.82	8.03	3.7	3.477	87.3	2.3	0.5
250	3/8/2015 03:01:11	11.13	49.52	32.26	7.82	8.03	4.3	3.442	87.3	2.7	0.6
251	3/8/2015 03:16:11	11.86	48.55	31.60	8.10	8.05	4.4	3.384	91.3	2.2	0.5
252	3/8/2015 03:31:11	11.93	48.59	31.63	8.09	8.05	5.2	3.309	91.5	2.6	0.6
253	3/8/2015 03:46:11	11.94	48.46	31.54	8.10	8.05	4.7	3.227	91.5	2.0	0.5
254	3/8/2015 04:01:11	12.01	48.48	31.56	8.07	8.04	4.8	3.127	91.3	2.0	0.5
255	3/8/2015 04:16:11	12.12	48.33	31.45	8.05	8.04	5.4	3.031	91.2	2.3	0.5
256	3/8/2015 04:31:11	12.16	48.26	31.40	8.07	8.04	4.9	2.943	91.5	1.8	0.4
257	3/8/2015 04:46:11	12.24	47.99	31.21	8.10	8.05	5.0	2.834	91.9	2.4	0.6
258	3/8/2015 05:01:11	12.23	48.10	31.29	8.11	8.05	5.4	2.743	92.1	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	Fluorescence %FS
259	3/8/2015 05:16:11	12.20	48.11	31.29	8.03	8.04	5.3	2.642	91.1	1.8	0.4
260	3/8/2015 05:31:11	12.21	48.10	31.29	8.06	8.04	5.3	2.534	91.5	2.1	0.5
261	3/8/2015 05:46:11	12.27	48.02	31.23	8.10	8.05	5.0	2.434	91.9	1.9	0.5
262	3/8/2015 06:01:11	12.48	47.61	30.94	8.18	8.06	5.0	2.338	93.1	2.0	0.5
263	3/8/2015 06:16:11	12.32	47.88	31.14	8.13	8.05	4.9	2.243	92.3	1.8	0.4
264	3/8/2015 06:31:11	12.36	47.70	31.00	8.08	8.05	5.3	2.144	91.8	2.0	0.5
265	3/8/2015 06:46:11	12.30	47.79	31.07	8.08	8.05	5.8	2.044	91.8	2.3	0.5
266	3/8/2015 07:01:11	12.39	47.71	31.02	8.10	8.05	5.9	1.950	92.1	1.9	0.4
267	3/8/2015 07:16:11	12.37	47.53	30.88	8.08	8.05	6.3	1.873	91.8	2.3	0.5
268	3/8/2015 07:31:11	12.53	47.34	30.75	8.11	8.06	5.5	1.803	92.3	2.3	0.5
269	3/8/2015 07:46:11	12.51	47.40	30.79	8.10	8.06	5.2	1.736	92.2	2.0	0.5
270	3/8/2015 08:01:11	12.60	47.34	30.76	8.13	8.06	4.8	1.713	92.6	2.2	0.5
271	3/8/2015 08:16:11	12.65	47.26	30.70	8.10	8.07	3.5	1.696	92.4	1.9	0.4
272	3/8/2015 08:31:11	12.61	47.28	30.71	8.11	8.06	4.5	1.691	92.5	2.2	0.5
273	3/8/2015 08:46:11	12.63	47.35	30.76	8.15	8.07	3.7	1.732	93.0	2.5	0.6
274	3/8/2015 09:01:11	12.65	47.28	30.71	8.18	8.07	4.0	1.779	93.3	1.8	0.4
275	3/8/2015 09:16:11	12.64	47.29	30.72	8.19	8.07	4.0	1.854	93.4	1.8	0.4
276	3/8/2015 09:31:11	12.54	46.96	30.48	8.15	8.06	4.8	1.931	92.6	1.7	0.4
277	3/8/2015 09:46:11	12.47	46.91	30.44	8.10	8.06	5.3	2.007	91.9	1.7	0.4
278	3/8/2015 10:01:11	12.47	46.87	30.41	8.11	8.06	5.4	2.095	92.0	2.0	0.5
279	3/8/2015 10:16:11	12.51	47.19	30.64	8.12	8.06	5.2	2.181	92.4	2.2	0.5
280	3/8/2015 10:31:11	12.49	47.29	30.71	8.12	8.06	4.6	2.250	92.4	1.7	0.4
281	3/8/2015 10:46:11	12.37	47.67	30.98	8.10	8.05	4.4	2.326	92.1	2.3	0.5
282	3/8/2015 11:01:11	12.31	47.74	31.03	8.11	8.05	4.5	2.414	92.0	1.6	0.4
283	3/8/2015 11:16:11	12.30	47.90	31.15	8.11	8.05	4.3	2.482	92.1	1.3	0.3
284	3/8/2015 11:31:11	12.29	47.97	31.20	8.14	8.05	3.8	2.557	92.4	1.9	0.5
285	3/8/2015 11:46:11	12.28	48.08	31.28	8.13	8.05	3.7	2.625	92.4	2.3	0.5
286	3/8/2015 12:01:11	12.25	48.01	31.22	8.14	8.05	4.0	2.711	92.4	1.7	0.4
287	3/8/2015 12:16:11	12.21	47.98	31.20	8.14	8.05	4.6	2.780	92.3	2.5	0.6
288	3/8/2015 12:31:11	12.12	48.05	31.25	8.13	8.05	4.3	2.854	92.0	2.3	0.5
289	3/8/2015 12:46:11	12.05	48.39	31.49	8.11	8.04	4.7	2.930	91.8	2.5	0.6
290	3/8/2015 13:01:11	11.96	48.47	31.55	8.09	8.04	5.3	3.007	91.4	2.2	0.5
291	3/8/2015 13:16:11	11.79	48.73	31.72	8.08	8.04	5.7	3.076	91.1	2.4	0.6
292	3/8/2015 13:31:11	11.72	48.60	31.62	8.07	8.04	4.7	3.143	90.8	2.3	0.5
293	3/8/2015 13:46:11	11.65	48.79	31.76	8.03	8.04	4.5	3.204	90.4	2.7	0.6
294	3/8/2015 14:01:11	11.55	49.00	31.91	8.01	8.04	3.9	3.252	89.9	2.8	0.7
295	3/8/2015 14:16:11	11.38	49.15	32.01	7.94	8.03	4.0	3.292	88.9	2.4	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
296	3/8/2015 14:31:11	11.33	49.24	32.07	7.87	8.03	3.0	3.307	88.1	2.2	0.5
297	3/8/2015 14:46:11	11.37	49.11	31.98	7.89	8.03	3.2	3.309	88.4	2.1	0.5
298	3/8/2015 15:01:11	11.35	49.25	32.08	7.84	8.03	3.2	3.305	87.8	2.1	0.5
299	3/8/2015 15:16:11	11.40	49.21	32.06	7.86	8.03	3.4	3.263	88.1	1.7	0.4
300	3/8/2015 15:31:11	11.59	49.03	31.93	7.98	8.04	5.0	3.193	89.7	2.0	0.5
301	3/8/2015 15:46:11	12.40	48.12	31.31	8.54	8.08	4.7	3.125	97.3	2.4	0.6
302	3/8/2015 16:01:11	12.09	48.52	31.59	8.30	8.06	4.2	3.048	94.1	2.6	0.6
303	3/8/2015 16:16:11	12.24	48.19	31.35	8.33	8.07	3.9	2.962	94.6	2.1	0.5
304	3/8/2015 16:31:11	12.35	48.23	31.39	8.39	8.07	4.2	2.855	95.5	2.2	0.5
305	3/8/2015 16:46:11	12.44	48.15	31.33	8.42	8.07	3.9	2.777	96.0	2.2	0.5
306	3/8/2015 17:01:11	12.56	47.93	31.18	8.52	8.08	3.8	2.688	97.3	2.0	0.5
307	3/8/2015 17:16:11	12.58	48.04	31.26	8.53	8.08	3.7	2.596	97.5	2.7	0.6
308	3/8/2015 17:31:11	12.64	47.86	31.13	8.56	8.09	4.2	2.498	97.9	2.2	0.5
309	3/8/2015 17:46:11	12.65	47.94	31.19	8.59	8.09	3.8	2.400	98.3	1.8	0.4
310	3/8/2015 18:01:11	12.66	47.85	31.13	8.59	8.09	3.8	2.319	98.3	2.6	0.6
311	3/8/2015 18:16:11	12.70	47.73	31.04	8.57	8.09	4.4	2.228	98.0	2.5	0.6
312	3/8/2015 18:31:11	12.69	47.79	31.08	8.66	8.10	3.9	2.135	99.1	2.3	0.5
313	3/8/2015 18:46:11	12.71	47.50	30.88	8.63	8.10	3.8	2.040	98.7	2.4	0.6
314	3/8/2015 19:01:11	12.76	47.65	30.99	8.59	8.10	4.0	1.973	98.4	2.4	0.6
315	3/8/2015 19:16:11	12.78	47.45	30.84	8.64	8.10	3.9	1.905	98.9	2.4	0.6
316	3/8/2015 19:31:11	12.84	47.51	30.89	8.58	8.10	3.9	1.831	98.4	2.8	0.7
317	3/8/2015 19:46:11	12.90	47.27	30.71	8.67	8.11	3.8	1.781	99.5	2.7	0.6
318	3/8/2015 20:01:11	12.94	47.39	30.80	8.67	8.11	3.6	1.760	99.6	2.6	0.6
319	3/8/2015 20:16:11	12.99	47.27	30.72	8.62	8.11	3.1	1.749	99.1	2.3	0.5
320	3/8/2015 20:31:11	12.96	47.12	30.61	8.64	8.11	3.6	1.758	99.2	2.3	0.5
321	3/8/2015 20:46:11	12.97	47.28	30.73	8.66	8.10	3.4	1.781	99.4	3.0	0.7
322	3/8/2015 21:01:11	12.94	47.32	30.76	8.61	8.10	3.6	1.835	98.9	2.7	0.6
323	3/8/2015 21:16:11	12.93	47.29	30.73	8.59	8.10	3.7	1.898	98.6	2.4	0.6
324	3/8/2015 21:31:11	12.90	46.99	30.52	8.54	8.09	4.9	1.972	97.8	2.5	0.6
325	3/8/2015 21:46:11	12.89	46.98	30.51	8.48	8.08	4.8	2.042	97.1	2.8	0.7
326	3/8/2015 22:01:11	12.86	46.92	30.46	8.48	8.08	4.6	2.121	97.0	2.3	0.5
327	3/8/2015 22:16:11	12.83	47.28	30.72	8.49	8.09	4.3	2.215	97.2	2.7	0.6
328	3/8/2015 22:31:11	12.77	47.32	30.75	8.48	8.08	4.3	2.282	97.1	2.5	0.6
329	3/8/2015 22:46:11	12.62	47.65	30.98	8.42	8.07	4.0	2.363	96.2	2.9	0.7
330	3/8/2015 23:01:11	12.54	47.85	31.12	8.35	8.07	3.9	2.454	95.3	2.7	0.6
331	3/8/2015 23:16:11	12.42	47.81	31.09	8.29	8.06	3.7	2.523	94.4	2.5	0.6
332	3/8/2015 23:31:11	12.40	48.05	31.26	8.28	8.06	3.7	2.605	94.3	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	Fluorescence %FS
333	3/8/2015 23:46:11	12.36	48.14	31.32	8.30	8.06	4.2	2.685	94.5	2.7	0.6
334	3/9/2015 00:01:11	12.32	48.17	31.34	8.31	8.06	4.4	2.764	94.5	2.7	0.6
335	3/9/2015 00:16:11	12.24	48.28	31.42	8.27	8.06	4.7	2.849	94.0	2.5	0.6
336	3/9/2015 00:31:11	12.13	48.42	31.51	8.21	8.05	5.0	2.924	93.1	2.7	0.6
337	3/9/2015 00:46:11	12.01	48.38	31.48	8.17	8.05	5.3	3.011	92.4	3.3	0.8
338	3/9/2015 01:01:11	11.82	48.61	31.64	8.13	8.05	6.0	3.086	91.7	3.0	0.7
339	3/9/2015 01:16:11	11.68	48.77	31.75	8.09	8.04	5.4	3.169	91.1	2.3	0.5
340	3/9/2015 01:31:11	11.56	48.91	31.84	8.02	8.04	5.4	3.248	90.0	2.7	0.6
341	3/9/2015 01:46:11	11.36	49.15	32.01	7.95	8.04	5.2	3.317	89.0	3.1	0.7
342	3/9/2015 02:01:11	11.19	49.49	32.25	7.88	8.03	4.5	3.382	88.0	2.4	0.6
343	3/9/2015 02:16:11	11.09	49.62	32.34	7.82	8.03	3.9	3.425	87.3	3.3	0.8
344	3/9/2015 02:31:11	11.03	49.57	32.29	7.79	8.03	3.1	3.467	86.7	2.5	0.6
345	3/9/2015 02:46:11	11.02	49.73	32.41	7.75	8.03	3.3	3.495	86.3	2.6	0.6
346	3/9/2015 03:01:11	11.11	49.65	32.35	7.73	8.03	3.6	3.492	86.3	2.7	0.6
347	3/9/2015 03:16:11	11.02	49.55	32.28	7.71	8.02	3.2	3.466	85.9	2.2	0.5
348	3/9/2015 03:31:11	11.02	49.73	32.41	7.73	8.02	4.3	3.428	86.1	2.2	0.5
349	3/9/2015 03:46:11	11.48	49.13	32.00	7.81	8.03	4.4	3.364	87.6	2.8	0.7
350	3/9/2015 04:01:11	11.80	48.67	31.68	7.98	8.04	5.3	3.283	90.0	2.5	0.6
351	3/9/2015 04:16:11	11.62	48.87	31.81	7.96	8.04	4.8	3.192	89.5	2.6	0.6
352	3/9/2015 04:31:11	11.81	48.61	31.64	7.99	8.04	4.5	3.099	90.1	2.2	0.5
353	3/9/2015 04:46:11	11.98	48.31	31.43	8.05	8.04	5.1	3.012	90.9	2.0	0.5
354	3/9/2015 05:01:11	12.06	48.33	31.45	8.03	8.04	5.1	2.904	90.9	2.3	0.5
355	3/9/2015 05:16:11	12.14	48.21	31.36	7.98	8.04	4.6	2.816	90.4	2.0	0.5
356	3/9/2015 05:31:11	12.16	48.14	31.32	8.00	8.04	4.5	2.720	90.7	2.3	0.5
357	3/9/2015 05:46:11	12.20	47.95	31.18	7.99	8.04	4.7	2.605	90.6	2.1	0.5
358	3/9/2015 06:01:11	12.19	48.18	31.35	8.04	8.04	4.6	2.525	91.2	2.1	0.5
359	3/9/2015 06:16:11	12.19	48.05	31.25	8.00	8.04	4.2	2.412	90.7	2.2	0.5
360	3/9/2015 06:31:11	12.40	47.82	31.09	8.11	8.05	4.3	2.318	92.2	2.3	0.5
361	3/9/2015 06:46:11	12.21	47.97	31.19	8.03	8.04	4.5	2.201	91.1	1.9	0.4
362	3/9/2015 07:01:11	12.30	47.88	31.13	8.00	8.04	4.4	2.119	90.8	2.3	0.5
363	3/9/2015 07:16:11	12.29	47.95	31.18	8.05	8.04	4.2	2.023	91.4	2.2	0.5
364	3/9/2015 07:31:11	12.33	47.80	31.08	8.03	8.04	4.5	1.915	91.2	2.2	0.5
365	3/9/2015 07:46:11	12.39	47.65	30.97	8.00	8.04	4.4	1.841	90.9	2.4	0.6
366	3/9/2015 08:01:11	12.43	47.57	30.91	8.03	8.04	4.3	1.762	91.3	1.7	0.4
367	3/9/2015 08:16:11	12.51	47.53	30.89	8.03	8.05	4.0	1.709	91.5	2.1	0.5
368	3/9/2015 08:31:11	12.58	47.49	30.86	8.06	8.06	3.9	1.665	91.9	1.9	0.4
369	3/9/2015 08:46:11	12.60	47.35	30.76	8.03	8.06	3.4	1.658	91.6	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	Fluorescence %FS
370	3/9/2015 09:01:11	12.61	47.46	30.84	8.04	8.06	3.4	1.653	91.7	2.1	0.5
371	3/9/2015 09:16:11	12.62	47.34	30.75	8.13	8.06	3.3	1.674	92.7	1.8	0.4
372	3/9/2015 09:31:11	12.61	47.47	30.85	8.11	8.06	3.5	1.721	92.5	2.2	0.5
373	3/9/2015 09:46:11	12.60	47.33	30.75	8.13	8.06	3.8	1.783	92.7	1.9	0.5
374	3/9/2015 10:01:11	12.57	47.40	30.79	8.13	8.06	4.2	1.853	92.6	2.4	0.6
375	3/9/2015 10:16:11	12.50	47.04	30.53	8.05	8.05	5.0	1.922	91.4	2.0	0.5
376	3/9/2015 10:31:11	12.48	46.84	30.39	8.04	8.04	4.8	2.005	91.3	2.4	0.6
377	3/9/2015 10:46:11	12.49	47.23	30.67	8.02	8.05	5.0	2.074	91.1	2.5	0.6
378	3/9/2015 11:01:11	12.50	47.30	30.72	8.04	8.05	4.5	2.146	91.5	2.1	0.5
379	3/9/2015 11:16:11	12.43	47.52	30.88	8.03	8.05	4.0	2.234	91.3	1.9	0.4
380	3/9/2015 11:31:11	12.34	47.81	31.09	8.03	8.04	3.9	2.295	91.2	1.8	0.4
381	3/9/2015 11:46:11	12.28	47.90	31.15	8.05	8.04	4.0	2.376	91.4	2.2	0.5
382	3/9/2015 12:01:11	12.23	48.01	31.22	8.09	8.05	3.6	2.449	91.8	2.5	0.6
383	3/9/2015 12:16:11	12.23	47.97	31.20	8.09	8.04	3.4	2.517	91.8	2.3	0.5
384	3/9/2015 12:31:11	12.20	48.16	31.33	8.08	8.04	3.7	2.588	91.7	2.3	0.5
385	3/9/2015 12:46:11	12.18	48.13	31.31	8.09	8.04	3.6	2.662	91.7	2.0	0.5
386	3/9/2015 13:01:11	12.13	48.14	31.31	8.10	8.04	4.2	2.747	91.7	2.3	0.6
387	3/9/2015 13:16:11	12.05	48.39	31.49	8.07	8.04	4.2	2.793	91.3	2.0	0.5
388	3/9/2015 13:31:11	11.99	48.44	31.53	8.04	8.04	4.2	2.892	91.0	2.0	0.5
389	3/9/2015 13:46:11	11.85	48.52	31.58	8.03	8.04	4.8	2.963	90.5	2.2	0.5
390	3/9/2015 14:01:11	11.75	48.83	31.79	8.00	8.04	4.8	3.010	90.2	2.1	0.5
391	3/9/2015 14:16:11	11.67	48.83	31.79	7.99	8.04	3.9	3.087	89.9	2.1	0.5
392	3/9/2015 14:31:11	11.62	48.95	31.87	8.00	8.04	4.0	3.124	90.0	2.3	0.5
393	3/9/2015 14:46:11	11.59	48.98	31.89	7.99	8.04	3.5	3.179	89.8	2.6	0.6
394	3/9/2015 15:01:11	11.47	49.04	31.93	7.91	8.03	2.7	3.189	88.7	2.1	0.5
395	3/9/2015 15:16:11	11.67	49.01	31.92	8.02	8.04	3.1	3.184	90.3	2.0	0.5
396	3/9/2015 15:31:11	11.57	49.10	31.98	7.88	8.03	3.1	3.206	88.6	1.8	0.4
397	3/9/2015 15:46:11	11.52	49.14	32.01	7.86	8.03	2.9	3.164	88.3	1.8	0.4
398	3/9/2015 16:01:11	11.59	48.98	31.90	7.89	8.03	4.2	3.117	88.7	2.1	0.5
399	3/9/2015 16:16:11	11.73	48.85	31.81	7.93	8.04	3.2	3.059	89.3	2.0	0.5
400	3/9/2015 16:31:11	12.10	48.44	31.53	8.27	8.06	4.5	2.991	93.7	1.9	0.4
401	3/9/2015 16:46:11	11.93	48.61	31.64	8.12	8.05	4.3	2.920	91.8	2.4	0.6
402	3/9/2015 17:01:11	12.13	48.38	31.49	8.16	8.05	3.7	2.836	92.5	2.1	0.5
403	3/9/2015 17:16:11	12.20	48.21	31.37	8.20	8.06	3.6	2.756	93.0	2.3	0.5
404	3/9/2015 17:31:11	12.25	48.25	31.40	8.21	8.06	3.4	2.671	93.3	2.1	0.5
405	3/9/2015 17:46:11	12.34	48.24	31.39	8.24	8.06	3.2	2.606	93.8	2.2	0.5
406	3/9/2015 18:01:11	12.42	48.04	31.26	8.31	8.07	3.1	2.520	94.7	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	Fluorescence %FS
407	3/9/2015 18:16:11	12.46	47.97	31.21	8.33	8.07	3.4	2.433	95.0	2.1	0.5
408	3/9/2015 18:31:11	12.45	47.95	31.19	8.36	8.07	3.6	2.362	95.2	2.5	0.6
409	3/9/2015 18:46:11	12.40	48.01	31.23	8.37	8.07	3.7	2.291	95.3	2.5	0.6
410	3/9/2015 19:01:11	12.52	47.84	31.11	8.38	8.08	4.1	2.203	95.6	2.8	0.7
411	3/9/2015 19:16:11	12.53	47.61	30.95	8.34	8.07	3.5	2.143	95.1	2.5	0.6
412	3/9/2015 19:31:11	12.55	47.60	30.94	8.35	8.07	4.0	2.062	95.2	2.8	0.6
413	3/9/2015 19:46:11	12.52	47.83	31.11	8.36	8.08	3.5	1.997	95.3	3.3	0.8
414	3/9/2015 20:01:11	12.66	47.58	30.93	8.39	8.08	3.6	1.956	95.9	2.7	0.6
415	3/9/2015 20:16:11	12.71	47.54	30.91	8.40	8.09	3.2	1.899	96.1	2.6	0.6
416	3/9/2015 20:31:11	12.74	47.52	30.89	8.36	8.08	3.1	1.873	95.7	2.6	0.6
417	3/9/2015 20:46:11	12.77	47.25	30.70	8.35	8.08	3.1	1.858	95.5	3.0	0.7
418	3/9/2015 21:01:11	12.74	47.45	30.84	8.38	8.08	3.1	1.868	95.9	2.6	0.6
419	3/9/2015 21:16:11	12.72	47.51	30.88	8.39	8.08	3.2	1.901	96.0	2.5	0.6
420	3/9/2015 21:31:11	12.71	47.60	30.95	8.38	8.08	3.2	1.914	95.9	2.8	0.7
421	3/9/2015 21:46:11	12.70	47.59	30.94	8.40	8.08	3.2	1.974	96.0	2.7	0.6
422	3/9/2015 22:01:11	12.67	47.51	30.88	8.35	8.07	3.8	2.049	95.4	2.8	0.7
423	3/9/2015 22:16:11	12.68	47.24	30.69	8.30	8.06	4.8	2.108	94.7	2.8	0.7
424	3/9/2015 22:31:11	12.62	47.31	30.73	8.29	8.06	4.3	2.182	94.5	2.5	0.6
425	3/9/2015 22:46:11	12.59	47.52	30.89	8.29	8.06	3.8	2.263	94.5	3.2	0.8
426	3/9/2015 23:01:11	12.54	47.57	30.92	8.29	8.06	3.7	2.346	94.5	3.0	0.7
427	3/9/2015 23:16:11	12.42	47.83	31.10	8.26	8.06	3.9	2.403	94.0	2.3	0.5
428	3/9/2015 23:31:11	12.31	48.12	31.31	8.20	8.06	3.9	2.485	93.2	2.4	0.6
429	3/9/2015 23:46:11	12.20	48.23	31.38	8.15	8.05	3.6	2.562	92.5	2.6	0.6
430	3/10/2015 00:01:11	12.16	48.35	31.47	8.15	8.05	3.7	2.622	92.5	2.8	0.7
431	3/10/2015 00:16:11	12.11	48.17	31.33	8.19	8.05	3.6	2.711	92.7	3.0	0.7
432	3/10/2015 00:31:11	12.03	48.49	31.56	8.15	8.05	4.2	2.782	92.3	2.4	0.6
433	3/10/2015 00:46:11	11.87	48.68	31.69	8.09	8.04	4.8	2.858	91.4	2.7	0.6
434	3/10/2015 01:01:11	11.72	48.68	31.69	8.06	8.04	5.9	2.938	90.8	2.6	0.6
435	3/10/2015 01:16:11	11.60	49.04	31.94	8.02	8.04	5.6	3.012	90.1	2.8	0.6
436	3/10/2015 01:31:11	11.49	49.17	32.03	7.99	8.04	5.1	3.098	89.7	2.7	0.6
437	3/10/2015 01:46:11	11.41	49.17	32.02	7.99	8.04	5.1	3.177	89.5	2.7	0.6
438	3/10/2015 02:01:11	11.29	49.40	32.19	7.94	8.04	4.7	3.252	88.8	3.1	0.7
439	3/10/2015 02:16:11	11.21	49.44	32.21	7.90	8.04	4.2	3.325	88.3	2.8	0.6
440	3/10/2015 02:31:11	10.98	49.83	32.48	7.86	8.04	3.9	3.375	87.5	4.6	1.1
441	3/10/2015 02:46:11	10.95	49.83	32.48	7.82	8.04	4.3	3.427	87.1	2.7	0.6
442	3/10/2015 03:01:11	10.93	49.78	32.44	7.82	8.04	2.9	3.457	87.0	2.5	0.6
443	3/10/2015 03:16:11	10.91	49.80	32.45	7.73	8.03	2.1	3.473	85.9	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	Fluorescence %FS
444	3/10/2015 03:31:11	10.95	49.77	32.43	7.74	8.03	2.8	3.469	86.1	2.2	0.5
445	3/10/2015 03:46:11	10.91	49.85	32.49	7.73	8.03	2.6	3.461	86.0	2.0	0.5
446	3/10/2015 04:01:11	10.89	49.91	32.53	7.78	8.04	2.9	3.408	86.5	3.0	0.7
447	3/10/2015 04:16:11	11.09	49.59	32.31	7.79	8.03	3.7	3.346	86.9	2.6	0.6
448	3/10/2015 04:31:11	11.44	49.23	32.07	7.88	8.03	4.8	3.292	88.4	2.3	0.5
449	3/10/2015 04:46:11	11.39	49.22	32.06	7.90	8.03	5.3	3.214	88.5	2.9	0.7
450	3/10/2015 05:01:11	11.41	49.05	31.94	7.89	8.03	3.8	3.119	88.4	1.9	0.4
451	3/10/2015 05:16:11	11.57	49.06	31.95	7.86	8.03	4.0	3.031	88.3	2.6	0.6
452	3/10/2015 05:31:11	11.75	48.46	31.52	7.93	8.04	4.5	2.945	89.2	2.1	0.5
453	3/10/2015 05:46:11	11.79	48.73	31.72	7.85	8.03	4.2	2.849	88.5	2.4	0.6
454	3/10/2015 06:01:11	11.85	48.42	31.50	7.92	8.03	4.4	2.756	89.3	2.2	0.5
455	3/10/2015 06:16:11	11.86	48.40	31.49	7.91	8.03	3.9	2.646	89.2	2.0	0.5
456	3/10/2015 06:31:11	12.04	48.34	31.45	7.95	8.04	4.3	2.561	90.0	2.1	0.5
457	3/10/2015 06:46:11	11.91	48.37	31.47	7.87	8.03	4.2	2.456	88.8	2.0	0.5
458	3/10/2015 07:01:11	12.15	48.04	31.24	7.96	8.04	4.7	2.369	90.2	1.7	0.4
459	3/10/2015 07:16:11	11.91	48.39	31.48	7.89	8.03	4.2	2.258	89.0	1.9	0.4
460	3/10/2015 07:31:11	12.06	48.18	31.34	7.98	8.04	4.4	2.158	90.3	2.6	0.6
461	3/10/2015 07:46:11	12.02	48.22	31.37	7.88	8.03	4.3	2.066	89.1	2.1	0.5
462	3/10/2015 08:01:11	12.10	47.90	31.14	7.87	8.03	4.2	1.970	89.0	1.9	0.4
463	3/10/2015 08:16:11	12.15	47.77	31.04	7.90	8.03	4.6	1.884	89.4	1.9	0.4
464	3/10/2015 08:31:11	12.20	47.82	31.09	7.88	8.03	4.4	1.801	89.3	2.0	0.5
465	3/10/2015 08:46:11	12.31	47.65	30.97	7.87	8.03	4.2	1.759	89.3	1.7	0.4
466	3/10/2015 09:01:11	12.30	47.75	31.04	7.85	8.03	4.3	1.698	89.1	2.2	0.5
467	3/10/2015 09:16:11	12.35	47.53	30.88	7.89	8.03	4.0	1.658	89.6	2.3	0.5
468	3/10/2015 09:31:11	12.41	47.49	30.85	7.90	8.04	3.2	1.658	89.7	2.7	0.6
469	3/10/2015 09:46:11	12.38	47.60	30.93	7.89	8.03	3.6	1.655	89.6	2.6	0.6
470	3/10/2015 10:01:11	12.40	47.50	30.86	7.92	8.04	3.4	1.666	90.0	2.2	0.5
471	3/10/2015 10:16:11	12.41	47.53	30.88	7.94	8.04	3.4	1.715	90.2	1.8	0.4
472	3/10/2015 10:31:11	12.42	47.53	30.88	7.97	8.04	3.9	1.775	90.6	2.2	0.5
473	3/10/2015 10:46:11	12.42	47.60	30.94	7.99	8.04	3.6	1.852	90.8	2.3	0.5
474	3/10/2015 11:01:11	12.36	47.09	30.56	7.97	8.03	4.8	1.915	90.3	2.4	0.6
475	3/10/2015 11:16:11	12.34	47.23	30.67	7.91	8.03	5.0	1.988	89.7	2.4	0.6
476	3/10/2015 11:31:11	12.33	47.37	30.77	7.92	8.03	4.8	2.075	89.8	1.9	0.5
477	3/10/2015 11:46:11	12.33	47.55	30.89	7.92	8.03	4.1	2.146	89.8	2.2	0.5
478	3/10/2015 12:01:11	12.25	47.75	31.04	7.90	8.03	4.3	2.206	89.5	1.6	0.4
479	3/10/2015 12:16:11	12.17	47.95	31.18	7.93	8.03	3.7	2.293	89.8	1.7	0.4
480	3/10/2015 12:31:11	12.09	48.15	31.32	7.93	8.03	3.9	2.352	89.7	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	Fluorescence %FS
481	3/10/2015 12:46:11	12.05	48.04	31.24	7.98	8.03	3.6	2.425	90.2	2.2	0.5
482	3/10/2015 13:01:11	12.01	48.36	31.47	7.98	8.03	3.6	2.488	90.2	1.9	0.4
483	3/10/2015 13:16:11	12.01	48.38	31.48	7.98	8.03	3.4	2.560	90.2	2.1	0.5
484	3/10/2015 13:31:11	11.99	48.41	31.50	7.98	8.03	3.4	2.625	90.2	2.1	0.5
485	3/10/2015 13:46:11	11.94	48.46	31.54	7.97	8.03	3.3	2.687	90.1	2.3	0.5
486	3/10/2015 14:01:11	11.87	48.52	31.58	7.97	8.03	3.4	2.748	89.9	1.9	0.4
487	3/10/2015 14:16:11	11.81	48.55	31.60	7.97	8.03	3.2	2.804	89.9	2.1	0.5
488	3/10/2015 14:31:11	11.78	48.66	31.67	7.94	8.03	3.4	2.863	89.5	1.9	0.4
489	3/10/2015 14:46:11	11.70	48.78	31.76	7.94	8.03	3.5	2.922	89.4	2.5	0.6
490	3/10/2015 15:01:11	11.62	48.88	31.82	7.96	8.03	3.4	2.956	89.5	2.0	0.5
491	3/10/2015 15:16:11	11.58	48.89	31.83	7.95	8.03	3.1	3.024	89.3	1.9	0.4
492	3/10/2015 15:31:11	11.55	49.04	31.94	7.92	8.03	3.0	3.056	89.0	2.8	0.6
493	3/10/2015 15:46:11	11.49	49.11	31.99	7.94	8.04	2.6	3.091	89.1	2.5	0.6
494	3/10/2015 16:01:11	11.48	49.03	31.93	7.91	8.04	2.6	3.120	88.7	2.1	0.5
495	3/10/2015 16:16:11	11.52	49.10	31.98	7.87	8.03	2.5	3.102	88.4	2.1	0.5
496	3/10/2015 16:31:11	11.56	49.03	31.93	7.85	8.03	2.8	3.096	88.2	1.9	0.4
497	3/10/2015 16:46:11	11.54	49.08	31.96	7.88	8.03	2.8	3.066	88.5	2.3	0.5
498	3/10/2015 17:01:11	11.58	49.03	31.93	7.92	8.03	3.1	3.013	89.1	2.0	0.5
499	3/10/2015 17:16:11	11.69	48.83	31.79	7.96	8.04	3.7	2.955	89.6	1.9	0.5
500	3/10/2015 17:31:11	11.98	48.52	31.58	8.17	8.05	4.0	2.884	92.5	2.6	0.6
501	3/10/2015 17:46:11	11.92	48.55	31.60	8.11	8.05	3.6	2.826	91.6	2.0	0.5
502	3/10/2015 18:01:11	11.98	48.46	31.54	8.15	8.05	3.8	2.732	92.1	2.3	0.5
503	3/10/2015 18:16:11	12.02	48.49	31.56	8.13	8.05	4.0	2.652	92.0	2.4	0.6
504	3/10/2015 18:31:11	12.03	48.44	31.53	8.13	8.05	4.9	2.602	92.0	2.1	0.5
505	3/10/2015 18:46:11	12.13	48.31	31.44	8.19	8.05	6.4	2.510	92.8	1.9	0.5
506	3/10/2015 19:01:11	12.20	48.21	31.36	8.21	8.06	7.9	2.440	93.2	2.7	0.6
507	3/10/2015 19:16:11	12.20	48.12	31.30	8.22	8.06	6.8	2.367	93.2	2.7	0.6
508	3/10/2015 19:31:11	12.27	47.96	31.19	8.20	8.06	6.5	2.310	93.1	2.9	0.7
509	3/10/2015 19:46:11	12.28	47.94	31.18	8.19	8.06	5.4	2.257	92.9	2.7	0.6
510	3/10/2015 20:01:11	12.37	47.76	31.05	8.21	8.06	4.4	2.191	93.3	2.9	0.7
511	3/10/2015 20:16:11	12.26	47.91	31.15	8.13	8.06	5.0	2.150	92.3	3.0	0.7
512	3/10/2015 20:31:11	12.40	47.76	31.05	8.18	8.06	4.3	2.122	93.0	2.9	0.7
513	3/10/2015 20:46:11	12.42	47.75	31.04	8.17	8.06	3.9	2.083	92.9	3.0	0.7
514	3/10/2015 21:01:11	12.45	47.51	30.87	8.13	8.06	3.6	2.036	92.4	2.9	0.7
515	3/10/2015 21:16:11	12.48	47.58	30.92	8.17	8.06	3.2	2.059	93.0	2.7	0.6
516	3/10/2015 21:31:11	12.45	47.66	30.98	8.17	8.06	3.7	2.057	93.0	2.2	0.5
517	3/10/2015 21:46:11	12.43	47.53	30.88	8.16	8.06	3.3	2.050	92.8	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	Fluorescence %FS
518	3/10/2015 22:01:11	12.40	47.62	30.95	8.17	8.06	3.5	2.085	92.9	2.9	0.7
519	3/10/2015 22:16:11	12.38	47.76	31.05	8.16	8.06	3.7	2.145	92.8	2.6	0.6
520	3/10/2015 22:31:11	12.36	47.80	31.08	8.17	8.05	3.9	2.183	92.9	2.5	0.6
521	3/10/2015 22:46:11	12.35	47.53	30.88	8.17	8.05	4.8	2.262	92.7	2.8	0.7
522	3/10/2015 23:01:11	12.33	47.51	30.87	8.15	8.05	4.8	2.305	92.5	2.4	0.6
523	3/10/2015 23:16:11	12.29	47.71	31.01	8.16	8.05	4.5	2.393	92.6	3.0	0.7
524	3/10/2015 23:31:11	12.26	47.85	31.11	8.17	8.05	4.0	2.466	92.7	3.1	0.7
525	3/10/2015 23:46:11	12.16	48.11	31.29	8.15	8.05	4.1	2.516	92.3	2.4	0.6
526	3/11/2015 00:01:11	12.08	48.33	31.45	8.09	8.05	4.0	2.575	91.6	2.7	0.6
527	3/11/2015 00:16:11	12.00	48.45	31.53	8.06	8.04	3.9	2.658	91.2	2.7	0.6
528	3/11/2015 00:31:11	11.93	48.47	31.54	8.09	8.04	3.9	2.713	91.4	2.8	0.7
529	3/11/2015 00:46:11	11.87	48.52	31.57	8.09	8.04	3.6	2.770	91.2	2.1	0.5
530	3/11/2015 01:01:11	11.79	48.63	31.65	8.05	8.04	3.2	2.858	90.8	2.2	0.5
531	3/11/2015 01:16:11	11.71	48.81	31.78	8.04	8.04	3.7	2.915	90.6	2.7	0.6
532	3/11/2015 01:31:11	11.60	48.86	31.81	8.02	8.04	4.2	2.992	90.1	2.7	0.6
533	3/11/2015 01:46:11	11.52	48.94	31.86	8.00	8.04	4.2	3.072	89.7	2.7	0.6
534	3/11/2015 02:01:11	11.38	49.20	32.05	7.95	8.04	4.6	3.139	89.1	2.5	0.6
535	3/11/2015 02:16:11	11.29	49.17	32.02	7.94	8.04	3.8	3.215	88.7	2.6	0.6
536	3/11/2015 02:31:11	11.20	49.30	32.11	7.93	8.03	3.7	3.292	88.5	2.1	0.5
537	3/11/2015 02:46:11	11.12	49.53	32.27	7.89	8.03	3.7	3.345	88.0	2.5	0.6
538	3/11/2015 03:01:11	11.02	49.54	32.27	7.85	8.03	3.4	3.394	87.4	2.5	0.6
539	3/11/2015 03:16:11	10.98	49.60	32.31	7.84	8.03	3.1	3.445	87.2	2.2	0.5
540	3/11/2015 03:31:11	10.89	49.75	32.41	7.79	8.03	2.5	3.462	86.5	3.4	0.8
541	3/11/2015 03:46:11	10.86	49.89	32.52	7.79	8.03	2.3	3.496	86.5	2.0	0.5
542	3/11/2015 04:01:11	11.17	49.48	32.24	7.80	8.03	3.1	3.491	87.0	1.8	0.4
543	3/11/2015 04:16:11	10.89	49.77	32.43	7.73	8.03	2.4	3.468	85.9	2.5	0.6
544	3/11/2015 04:31:11	10.86	49.86	32.50	7.77	8.03	2.6	3.453	86.3	1.9	0.4
545	3/11/2015 04:46:11	11.38	49.00	31.90	7.82	8.03	3.7	3.416	87.5	2.3	0.5
546	3/11/2015 05:01:11	11.54	48.96	31.88	7.84	8.03	3.6	3.337	88.0	1.8	0.4
547	3/11/2015 05:16:11	11.56	48.87	31.81	7.85	8.03	3.8	3.263	88.1	2.6	0.6
548	3/11/2015 05:31:11	11.57	48.98	31.90	7.86	8.03	3.8	3.185	88.3	1.9	0.4
549	3/11/2015 05:46:11	11.68	48.72	31.72	7.84	8.03	4.1	3.116	88.2	2.0	0.5
550	3/11/2015 06:01:11	11.67	48.83	31.79	7.84	8.03	4.0	3.025	88.2	2.2	0.5
551	3/11/2015 06:16:11	11.75	48.43	31.50	7.83	8.02	3.9	2.928	88.1	1.9	0.4
552	3/11/2015 06:31:11	11.73	48.62	31.64	7.88	8.03	4.1	2.839	88.7	1.7	0.4
553	3/11/2015 06:46:11	11.75	48.64	31.66	7.87	8.02	3.7	2.757	88.7	1.7	0.4
554	3/11/2015 07:01:11	11.78	48.41	31.50	7.84	8.02	3.7	2.670	88.2	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	Fluorescence %FS
555	3/11/2015 07:16:11	11.84	48.34	31.45	7.83	8.02	4.1	2.557	88.3	1.8	0.4
556	3/11/2015 07:31:11	12.04	48.06	31.25	7.85	8.03	5.5	2.476	88.7	2.4	0.6
557	3/11/2015 07:46:11	11.90	48.23	31.37	7.84	8.02	4.9	2.383	88.4	2.1	0.5
558	3/11/2015 08:01:11	12.02	48.03	31.23	7.88	8.03	4.7	2.289	89.0	1.9	0.4
559	3/11/2015 08:16:11	11.92	48.36	31.47	7.82	8.02	5.1	2.194	88.3	1.7	0.4
560	3/11/2015 08:31:11	11.92	48.35	31.45	7.80	8.02	5.3	2.111	88.1	2.0	0.5
561	3/11/2015 08:46:11	12.04	48.08	31.26	7.86	8.02	5.0	2.039	88.9	2.3	0.5
562	3/11/2015 09:01:11	12.04	48.13	31.30	7.83	8.02	4.9	1.951	88.5	2.2	0.5
563	3/11/2015 09:16:11	12.11	48.08	31.27	7.83	8.02	5.0	1.879	88.6	2.3	0.5
564	3/11/2015 09:31:11	12.16	47.76	31.04	7.83	8.02	4.2	1.819	88.6	2.6	0.6
565	3/11/2015 09:46:11	12.21	47.87	31.12	7.87	8.02	3.9	1.780	89.2	1.5	0.3
566	3/11/2015 10:01:11	12.26	47.80	31.07	7.85	8.02	3.4	1.747	89.1	2.4	0.6
567	3/11/2015 10:16:11	12.28	47.73	31.02	7.84	8.03	3.1	1.705	89.0	2.4	0.6
568	3/11/2015 10:31:11	12.30	47.69	30.99	7.73	8.02	2.1	1.730	87.7	1.8	0.4
569	3/11/2015 10:46:11	12.29	47.70	31.00	7.89	8.03	3.1	1.743	89.5	2.3	0.5
570	3/11/2015 11:01:11	12.30	47.72	31.01	7.87	8.03	3.2	1.754	89.3	2.7	0.6
571	3/11/2015 11:16:11	12.30	47.72	31.02	7.90	8.03	3.7	1.823	89.7	2.9	0.7
572	3/11/2015 11:31:11	12.31	47.74	31.03	7.90	8.03	3.7	1.872	89.7	2.1	0.5
573	3/11/2015 11:46:11	12.30	47.55	30.89	7.92	8.03	4.2	1.939	89.8	2.4	0.6
574	3/11/2015 12:01:11	12.28	47.43	30.81	7.88	8.02	4.5	2.004	89.3	2.2	0.5
575	3/11/2015 12:16:11	12.24	47.35	30.75	7.88	8.02	4.9	2.076	89.1	2.6	0.6
576	3/11/2015 12:31:11	12.21	47.47	30.83	7.88	8.02	4.3	2.146	89.1	2.0	0.5
577	3/11/2015 12:46:11	12.21	47.70	31.00	7.86	8.02	4.2	2.211	89.0	2.3	0.5
578	3/11/2015 13:01:11	12.13	47.68	30.98	7.87	8.02	4.0	2.279	88.9	2.0	0.5
579	3/11/2015 13:16:11	12.18	47.93	31.17	7.86	8.02	3.3	2.326	89.1	2.5	0.6
580	3/11/2015 13:31:11	12.03	48.20	31.35	7.86	8.02	3.4	2.398	88.9	2.5	0.6
581	3/11/2015 13:46:11	12.03	48.24	31.38	7.90	8.03	3.3	2.451	89.4	1.9	0.4
582	3/11/2015 14:01:11	12.01	48.33	31.44	7.94	8.03	3.2	2.507	89.8	2.5	0.6
583	3/11/2015 14:16:11	12.02	48.41	31.50	7.96	8.03	3.0	2.568	90.1	2.2	0.5
584	3/11/2015 14:31:11	12.03	48.44	31.53	7.99	8.03	2.9	2.624	90.4	2.3	0.5
585	3/11/2015 14:46:11	12.00	48.48	31.56	8.00	8.03	2.9	2.681	90.6	2.3	0.6
586	3/11/2015 15:01:11	11.95	48.55	31.61	7.98	8.03	2.9	2.737	90.2	2.1	0.5
587	3/11/2015 15:16:11	11.93	48.60	31.64	8.00	8.03	3.1	2.795	90.4	2.3	0.5
588	3/11/2015 15:31:11	11.89	48.61	31.64	7.97	8.03	2.9	2.860	90.0	2.2	0.5
589	3/11/2015 15:46:11	11.80	48.72	31.72	7.94	8.03	2.8	2.893	89.6	2.3	0.5
590	3/11/2015 16:01:11	11.75	48.83	31.80	7.93	8.03	2.8	2.943	89.4	2.6	0.6
591	3/11/2015 16:16:11	11.74	48.68	31.69	7.92	8.03	2.4	2.994	89.2	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	Fluorescence %FS
592	3/11/2015 16:31:11	11.73	48.81	31.78	7.91	8.03	2.4	3.016	89.1	2.0	0.5
593	3/11/2015 16:46:11	11.88	48.79	31.78	8.01	8.04	2.5	3.020	90.5	2.1	0.5
594	3/11/2015 17:01:11	11.78	48.59	31.62	7.87	8.03	2.7	3.019	88.7	1.9	0.4
595	3/11/2015 17:16:11	11.75	48.91	31.85	7.88	8.03	2.7	3.015	88.9	2.4	0.6
596	3/11/2015 17:31:11	11.82	48.72	31.72	7.94	8.03	2.8	2.987	89.6	1.6	0.4
597	3/11/2015 17:46:11	12.49	48.44	31.55	8.19	8.06	3.7	2.950	93.6	2.4	0.6
598	3/11/2015 18:01:11	12.50	48.38	31.50	8.27	8.06	3.5	2.895	94.5	1.9	0.4
599	3/11/2015 18:16:11	12.46	48.37	31.49	8.29	8.06	3.1	2.840	94.7	2.3	0.5
600	3/11/2015 18:31:11	12.10	48.32	31.44	8.04	8.04	2.9	2.795	91.1	1.8	0.4
601	3/11/2015 18:46:11	12.37	48.28	31.43	8.16	8.05	2.9	2.728	93.0	1.7	0.4
602	3/11/2015 19:01:11	12.35	48.30	31.44	8.18	8.05	2.9	2.672	93.2	2.1	0.5
603	3/11/2015 19:16:11	12.36	48.14	31.32	8.17	8.05	2.8	2.623	93.1	2.0	0.5
604	3/11/2015 19:31:11	12.41	48.24	31.40	8.18	8.05	2.8	2.552	93.2	2.7	0.6
605	3/11/2015 19:46:11	12.50	48.12	31.31	8.18	8.06	2.9	2.510	93.4	2.2	0.5
606	3/11/2015 20:01:11	12.56	48.03	31.25	8.21	8.06	3.3	2.458	93.8	2.1	0.5
607	3/11/2015 20:16:11	12.59	47.92	31.18	8.18	8.06	3.5	2.385	93.4	2.5	0.6
608	3/11/2015 20:31:11	12.59	47.78	31.07	8.20	8.06	3.2	2.368	93.6	2.4	0.6
609	3/11/2015 20:46:11	12.60	47.72	31.03	8.21	8.06	3.4	2.317	93.7	2.5	0.6
610	3/11/2015 21:01:11	12.60	47.90	31.16	8.15	8.06	3.0	2.275	93.1	3.0	0.7
611	3/11/2015 21:16:11	12.61	47.72	31.03	8.18	8.06	2.9	2.250	93.4	2.4	0.6
612	3/11/2015 21:31:11	12.64	47.79	31.08	8.19	8.06	2.6	2.229	93.7	2.6	0.6
613	3/11/2015 21:46:11	12.66	47.76	31.06	8.11	8.05	2.2	2.227	92.8	2.4	0.6
614	3/11/2015 22:01:11	12.58	47.85	31.12	7.99	8.05	2.2	2.213	91.3	2.3	0.5
615	3/11/2015 22:16:11	12.53	47.79	31.08	8.09	8.05	2.7	2.229	92.3	2.5	0.6
616	3/11/2015 22:31:11	12.55	47.81	31.09	8.08	8.05	3.2	2.258	92.2	2.5	0.6
617	3/11/2015 22:46:11	12.54	47.83	31.10	8.10	8.05	3.1	2.277	92.5	2.7	0.6
618	3/11/2015 23:01:11	12.55	47.81	31.09	8.15	8.05	2.9	2.328	93.0	2.1	0.5
619	3/11/2015 23:16:11	12.51	47.84	31.11	8.15	8.05	3.0	2.371	93.0	2.6	0.6
620	3/11/2015 23:31:11	12.50	47.88	31.14	8.14	8.05	3.1	2.418	92.8	2.7	0.6
621	3/11/2015 23:46:11	12.47	48.01	31.23	8.12	8.05	2.9	2.476	92.7	2.0	0.5
622	3/12/2015 00:01:11	12.46	47.99	31.22	8.13	8.05	3.0	2.524	92.7	2.2	0.5
623	3/12/2015 00:16:11	12.43	48.14	31.33	8.16	8.05	3.1	2.591	93.0	2.5	0.6
624	3/12/2015 00:31:11	12.39	48.10	31.30	8.11	8.04	3.4	2.639	92.3	2.6	0.6
625	3/12/2015 00:46:11	12.30	48.20	31.36	8.07	8.04	3.1	2.699	91.8	2.0	0.5
626	3/12/2015 01:01:11	12.15	48.38	31.49	8.02	8.03	3.1	2.769	91.0	2.5	0.6
627	3/12/2015 01:16:11	12.09	48.52	31.59	7.99	8.03	3.3	2.826	90.6	2.7	0.6
628	3/12/2015 01:31:11	11.99	48.63	31.66	7.98	8.03	3.1	2.890	90.4	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	Fluorescence %FS
629	3/12/2015 01:46:11	11.92	48.68	31.70	8.01	8.03	2.8	2.955	90.5	2.1	0.5
630	3/12/2015 02:01:11	11.85	48.78	31.76	7.98	8.03	2.9	3.024	90.1	2.3	0.5
631	3/12/2015 02:16:11	11.77	48.92	31.86	7.97	8.03	2.8	3.091	89.9	2.3	0.5
632	3/12/2015 02:31:11	11.71	48.84	31.80	7.97	8.03	3.2	3.148	89.8	2.4	0.6
633	3/12/2015 02:46:11	11.61	49.00	31.91	7.98	8.03	3.2	3.218	89.7	1.9	0.4
634	3/12/2015 03:01:11	11.54	49.01	31.92	7.96	8.03	3.4	3.283	89.4	2.3	0.5
635	3/12/2015 03:16:11	11.47	49.02	31.92	7.96	8.03	3.2	3.339	89.3	2.2	0.5
636	3/12/2015 03:31:11	11.42	49.17	32.02	7.97	8.04	2.6	3.382	89.3	2.9	0.7
637	3/12/2015 03:46:11	11.38	49.28	32.10	7.94	8.04	2.4	3.426	89.0	2.4	0.6
638	3/12/2015 04:01:11	11.33	49.17	32.02	7.94	8.04	2.8	3.467	88.9	2.5	0.6
639	3/12/2015 04:16:11	11.27	49.37	32.16	7.92	8.04	2.3	3.481	88.6	1.8	0.4
640	3/12/2015 04:31:11	11.35	49.25	32.08	7.88	8.03	1.9	3.482	88.2	4.6	1.1
641	3/12/2015 04:46:11	11.34	49.41	32.19	7.84	8.03	2.5	3.492	87.8	1.8	0.4
642	3/12/2015 05:01:11	11.30	49.39	32.18	7.89	8.03	2.3	3.478	88.3	2.5	0.6
643	3/12/2015 05:16:11	11.32	49.33	32.14	7.86	8.03	2.5	3.429	88.0	2.9	0.7
644	3/12/2015 05:31:11	11.73	48.81	31.78	7.76	8.02	3.2	3.388	87.5	2.1	0.5
645	3/12/2015 05:46:11	11.75	48.81	31.78	7.82	8.02	4.4	3.328	88.1	2.4	0.6
646	3/12/2015 06:01:11	11.76	48.61	31.64	7.84	8.02	3.2	3.264	88.3	2.3	0.5
647	3/12/2015 06:16:11	11.75	48.86	31.82	7.83	8.02	3.2	3.183	88.2	2.1	0.5
648	3/12/2015 06:31:11	11.77	48.68	31.68	7.81	8.02	3.2	3.102	88.0	2.0	0.5
649	3/12/2015 06:46:11	11.89	48.51	31.57	7.83	8.02	3.6	3.027	88.4	1.9	0.4
650	3/12/2015 07:01:11	11.90	48.50	31.57	7.77	8.01	3.4	2.953	87.7	2.2	0.5
651	3/12/2015 07:16:11	11.93	48.48	31.55	7.80	8.02	3.2	2.867	88.1	1.7	0.4
652	3/12/2015 07:31:11	11.96	48.47	31.55	7.75	8.01	3.8	2.776	87.7	2.1	0.5
653	3/12/2015 07:46:11	11.91	48.54	31.59	7.73	8.01	3.6	2.691	87.3	1.9	0.5
654	3/12/2015 08:01:11	12.06	48.47	31.55	7.72	8.01	3.7	2.605	87.4	1.5	0.4
655	3/12/2015 08:16:11	12.23	48.07	31.26	7.79	8.02	4.1	2.502	88.4	2.0	0.5
656	3/12/2015 08:31:11	12.14	48.26	31.40	7.80	8.01	3.9	2.417	88.4	1.9	0.5
657	3/12/2015 08:46:11	12.35	48.00	31.22	7.83	8.02	3.5	2.323	89.1	1.9	0.4
658	3/12/2015 09:01:11	12.20	48.27	31.41	7.89	8.02	3.7	2.231	89.5	1.9	0.4
659	3/12/2015 09:16:11	12.24	48.12	31.30	7.92	8.02	3.7	2.142	89.9	1.9	0.4
660	3/12/2015 09:31:11	12.30	48.08	31.27	7.95	8.02	3.9	2.047	90.3	2.2	0.5
661	3/12/2015 09:46:11	12.36	48.04	31.25	7.96	8.03	3.7	1.972	90.6	2.2	0.5
662	3/12/2015 10:01:11	12.49	47.93	31.17	7.98	8.03	3.6	1.891	90.9	2.6	0.6
663	3/12/2015 10:16:11	12.57	47.90	31.15	8.03	8.03	3.7	1.836	91.8	2.2	0.5
664	3/12/2015 10:31:11	12.65	47.86	31.13	7.98	8.03	3.2	1.789	91.3	2.5	0.6
665	3/12/2015 10:46:11	12.68	47.73	31.04	7.98	8.03	3.1	1.744	91.3	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	Fluorescence %FS
666	3/12/2015 11:01:11	12.70	47.74	31.05	7.95	8.03	2.7	1.721	91.0	2.4	0.6
667	3/12/2015 11:16:11	12.72	47.86	31.14	7.95	8.03	3.1	1.730	91.1	2.2	0.5
668	3/12/2015 11:31:11	12.71	47.76	31.07	7.99	8.03	3.0	1.738	91.5	2.7	0.6
669	3/12/2015 11:46:11	12.71	47.79	31.08	7.97	8.03	2.9	1.752	91.3	2.6	0.6
670	3/12/2015 12:01:11	12.72	47.79	31.09	7.91	8.03	2.8	1.790	90.6	2.1	0.5
671	3/12/2015 12:16:11	12.75	47.74	31.05	7.94	8.03	2.9	1.848	91.0	2.5	0.6
672	3/12/2015 12:31:11	12.78	47.71	31.03	7.93	8.03	3.2	1.891	90.9	2.1	0.5
673	3/12/2015 12:46:11	12.69	47.78	31.08	7.90	8.03	3.2	1.945	90.4	2.2	0.5
674	3/12/2015 13:01:11	12.66	47.59	30.94	7.90	8.02	3.1	2.003	90.3	2.6	0.6
675	3/12/2015 13:16:11	12.60	47.69	31.01	7.88	8.02	5.6	2.066	89.9	2.3	0.5
676	3/12/2015 13:31:11	12.58	47.63	30.96	7.86	8.02	3.8	2.117	89.6	2.3	0.5
677	3/12/2015 13:46:11	12.58	47.66	30.98	7.85	8.02	3.2	2.167	89.6	2.8	0.7
678	3/12/2015 14:01:11	12.53	47.76	31.06	7.85	8.02	3.6	2.233	89.5	2.5	0.6
679	3/12/2015 14:16:11	12.44	47.98	31.21	7.85	8.02	3.2	2.293	89.5	2.5	0.6
680	3/12/2015 14:31:11	12.34	48.00	31.22	7.83	8.02	3.1	2.348	89.1	2.0	0.5
681	3/12/2015 14:46:11	12.26	48.27	31.41	7.88	8.02	3.1	2.402	89.5	1.8	0.4
682	3/12/2015 15:01:11	12.24	48.34	31.47	7.93	8.02	2.9	2.467	90.2	2.7	0.6
683	3/12/2015 15:16:11	12.25	48.39	31.50	7.94	8.03	2.9	2.520	90.3	2.0	0.5
684	3/12/2015 15:31:11	12.25	48.45	31.54	7.96	8.03	2.8	2.575	90.5	2.3	0.5
685	3/12/2015 15:46:11	12.25	48.47	31.56	7.97	8.03	2.6	2.624	90.7	2.3	0.5
686	3/12/2015 16:01:11	12.27	48.49	31.58	7.99	8.03	2.6	2.676	90.9	2.2	0.5
687	3/12/2015 16:16:11	12.29	48.53	31.60	8.01	8.03	2.5	2.735	91.2	2.0	0.5
688	3/12/2015 16:31:11	12.25	48.56	31.63	7.96	8.03	2.6	2.767	90.6	1.8	0.4
689	3/12/2015 16:46:11	12.22	48.62	31.66	7.94	8.03	2.5	2.819	90.3	2.3	0.5
690	3/12/2015 17:01:11	12.20	48.62	31.66	7.95	8.03	2.5	2.865	90.4	2.2	0.5
691	3/12/2015 17:16:11	12.18	48.68	31.71	7.93	8.03	2.2	2.885	90.1	2.4	0.6
692	3/12/2015 17:31:11	12.16	48.51	31.59	7.88	8.02	2.0	2.913	89.5	2.1	0.5
693	3/12/2015 17:46:11	12.07	48.64	31.67	7.87	8.02	1.9	2.935	89.2	1.9	0.4
694	3/12/2015 18:01:11	12.19	48.66	31.70	7.87	8.02	2.3	2.943	89.4	2.1	0.5
695	3/12/2015 18:16:11	12.13	48.69	31.71	7.77	8.02	1.7	2.938	88.2	1.9	0.4
696	3/12/2015 18:31:11	12.02	48.75	31.75	7.78	8.02	2.2	2.913	88.1	1.5	0.4
697	3/12/2015 18:46:11	12.08	48.76	31.76	7.78	8.02	2.0	2.900	88.3	2.0	0.5
698	3/12/2015 19:01:11	12.14	48.58	31.63	7.82	8.02	3.7	2.875	88.8	1.7	0.4
699	3/12/2015 19:16:11	12.31	48.43	31.53	7.91	8.03	3.8	2.819	90.1	2.0	0.5
700	3/12/2015 19:31:11	12.64	48.44	31.55	8.17	8.05	4.5	2.785	93.6	2.3	0.5
701	3/12/2015 19:46:11	12.58	48.42	31.53	8.10	8.04	4.0	2.730	92.8	2.3	0.5
702	3/12/2015 20:01:11	12.52	48.25	31.41	8.03	8.04	3.4	2.692	91.8	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	Fluorescence %FS
703	3/12/2015 20:16:11	12.43	48.40	31.51	8.04	8.04	3.3	2.634	91.8	2.6	0.6
704	3/12/2015 20:31:11	12.46	48.42	31.53	8.01	8.04	3.2	2.577	91.5	2.8	0.7
705	3/12/2015 20:46:11	12.52	48.42	31.53	7.95	8.03	3.2	2.539	90.9	3.1	0.7
706	3/12/2015 21:01:11	12.63	48.24	31.41	8.02	8.04	3.2	2.491	91.9	2.2	0.5
707	3/12/2015 21:16:11	12.60	48.34	31.47	8.02	8.04	3.1	2.465	91.8	2.2	0.5
708	3/12/2015 21:31:11	12.66	48.18	31.37	8.02	8.04	2.9	2.407	91.9	2.8	0.7
709	3/12/2015 21:46:11	12.74	48.04	31.26	8.03	8.04	2.9	2.385	92.1	2.1	0.5
710	3/12/2015 22:01:11	12.75	48.05	31.28	7.95	8.04	2.6	2.381	91.2	2.5	0.6
711	3/12/2015 22:16:11	12.76	47.99	31.23	7.98	8.04	3.0	2.351	91.6	2.8	0.6
712	3/12/2015 22:31:11	12.64	48.18	31.37	7.81	8.02	2.1	2.343	89.5	2.4	0.6
713	3/12/2015 22:46:11	12.61	48.33	31.47	8.00	8.03	2.4	2.357	91.6	3.2	0.7
714	3/12/2015 23:01:11	12.62	48.22	31.39	7.99	8.03	2.8	2.360	91.5	2.7	0.6
715	3/12/2015 23:16:11	12.68	48.09	31.30	8.00	8.03	2.9	2.363	91.6	2.4	0.6
716	3/12/2015 23:31:11	12.68	48.14	31.34	8.02	8.04	2.7	2.384	91.9	2.4	0.6
717	3/12/2015 23:46:11	12.67	48.22	31.39	8.03	8.03	2.7	2.409	92.0	1.9	0.5
718	3/13/2015 00:01:11	12.65	48.30	31.45	8.00	8.03	2.8	2.436	91.7	2.3	0.5
719	3/13/2015 00:16:11	12.65	48.26	31.42	8.03	8.03	3.0	2.468	92.0	1.9	0.5
720	3/13/2015 00:31:11	12.63	48.25	31.41	8.03	8.03	3.1	2.506	91.9	2.2	0.5
721	3/13/2015 00:46:11	12.63	48.21	31.39	8.04	8.04	3.4	2.550	92.0	2.5	0.6
722	3/13/2015 01:01:11	12.57	48.27	31.42	8.01	8.03	3.2	2.610	91.7	2.6	0.6
723	3/13/2015 01:16:11	12.55	48.29	31.44	8.00	8.03	3.1	2.655	91.5	2.6	0.6
724	3/13/2015 01:31:11	12.44	48.44	31.54	7.98	8.03	3.2	2.713	91.1	2.7	0.6
725	3/13/2015 01:46:11	12.35	48.55	31.62	7.95	8.03	3.3	2.762	90.7	2.6	0.6
726	3/13/2015 02:01:11	12.21	48.69	31.71	7.95	8.03	3.1	2.822	90.4	2.4	0.6
727	3/13/2015 02:16:11	12.05	48.88	31.85	7.97	8.03	3.0	2.893	90.5	2.6	0.6
728	3/13/2015 02:31:11	11.97	48.99	31.92	7.99	8.03	2.9	2.940	90.5	2.3	0.5
729	3/13/2015 02:46:11	11.99	48.95	31.89	8.02	8.04	2.8	3.008	90.9	2.3	0.5
730	3/13/2015 03:01:11	11.93	48.80	31.79	8.06	8.04	3.0	3.075	91.2	2.2	0.5
731	3/13/2015 03:16:11	11.85	49.12	32.01	8.03	8.04	2.9	3.145	90.8	2.5	0.6
732	3/13/2015 03:31:11	11.78	49.03	31.94	8.01	8.04	2.5	3.196	90.4	2.1	0.5
733	3/13/2015 03:46:11	11.69	49.12	32.00	8.05	8.04	3.4	3.254	90.8	3.4	0.8
734	3/13/2015 04:01:11	11.63	49.27	32.11	8.07	8.05	2.6	3.315	90.9	2.9	0.7
735	3/13/2015 04:16:11	11.58	49.27	32.11	8.10	8.05	2.6	3.353	91.1	2.6	0.6
736	3/13/2015 04:31:11	11.52	49.28	32.11	8.08	8.05	2.5	3.395	90.8	3.0	0.7
737	3/13/2015 04:46:11	11.50	49.35	32.16	8.07	8.05	2.4	3.426	90.7	2.4	0.6
738	3/13/2015 05:01:11	11.46	49.36	32.16	8.07	8.05	2.3	3.451	90.6	3.3	0.8
739	3/13/2015 05:16:11	11.42	49.52	32.28	8.00	8.05	2.2	3.480	89.9	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	Fluorescence %FS
740	3/13/2015 05:31:11	11.51	49.49	32.26	8.00	8.05	2.3	3.472	90.0	2.2	0.5
741	3/13/2015 05:46:11	11.45	49.36	32.16	8.01	8.05	2.0	3.450	89.9	2.1	0.5
742	3/13/2015 06:01:11	11.45	49.43	32.21	8.03	8.05	2.4	3.442	90.2	2.1	0.5
743	3/13/2015 06:16:11	11.47	49.41	32.20	8.02	8.05	2.9	3.387	90.1	2.0	0.5
744	3/13/2015 06:31:11	12.02	48.85	31.82	7.81	8.02	4.2	3.324	88.6	2.5	0.6
745	3/13/2015 06:46:11	11.95	48.91	31.86	7.86	8.02	3.3	3.268	89.1	1.7	0.4
746	3/13/2015 07:01:11	11.94	48.89	31.85	7.87	8.02	3.1	3.202	89.1	2.0	0.5
747	3/13/2015 07:16:11	11.97	48.89	31.85	7.81	8.02	2.8	3.132	88.5	1.7	0.4
748	3/13/2015 07:31:11	12.05	48.67	31.69	7.83	8.02	3.4	3.042	88.8	1.6	0.4
749	3/13/2015 07:46:11	12.10	48.57	31.62	7.77	8.01	3.1	2.972	88.1	1.7	0.4
750	3/13/2015 08:01:11	12.14	48.74	31.75	7.68	8.01	3.3	2.917	87.3	1.9	0.4
751	3/13/2015 08:16:11	12.15	48.63	31.67	7.75	8.01	3.2	2.817	88.0	1.9	0.5
752	3/13/2015 08:31:11	12.21	48.65	31.69	7.73	8.01	3.2	2.736	87.9	2.2	0.5
753	3/13/2015 08:46:11	12.25	48.64	31.68	7.73	8.01	3.4	2.659	88.0	1.5	0.4
754	3/13/2015 09:01:11	12.45	48.29	31.44	7.76	8.01	3.4	2.572	88.6	1.5	0.4
755	3/13/2015 09:16:11	12.47	48.39	31.51	7.78	8.02	3.2	2.482	88.9	1.7	0.4
756	3/13/2015 09:31:11	12.45	48.48	31.58	7.86	8.02	3.6	2.386	89.7	1.6	0.4
757	3/13/2015 09:46:11	12.68	48.14	31.34	7.88	8.03	3.4	2.311	90.3	2.0	0.5
758	3/13/2015 10:01:11	12.63	48.37	31.50	7.97	8.03	3.0	2.221	91.3	2.4	0.6
759	3/13/2015 10:16:11	12.73	48.23	31.40	8.07	8.04	3.2	2.116	92.7	2.1	0.5
760	3/13/2015 10:31:11	12.90	48.07	31.30	8.19	8.05	3.3	2.030	94.3	2.0	0.5
761	3/13/2015 10:46:11	13.04	47.90	31.18	8.23	8.05	3.3	1.971	94.9	2.5	0.6
762	3/13/2015 11:01:11	13.19	47.90	31.18	8.17	8.05	3.3	1.899	94.5	2.2	0.5
763	3/13/2015 11:16:11	13.34	47.82	31.13	8.26	8.06	3.1	1.826	95.8	2.2	0.5
764	3/13/2015 11:31:11	13.46	47.90	31.19	8.36	8.07	3.2	1.772	97.3	1.8	0.4
765	3/13/2015 11:46:11	13.45	47.91	31.20	8.26	8.06	2.5	1.751	96.1	2.6	0.6
766	3/13/2015 12:01:11	13.60	47.84	31.16	8.19	8.06	2.5	1.707	95.5	1.4	0.3
767	3/13/2015 12:16:11	13.51	47.87	31.17	8.27	8.06	2.7	1.702	96.3	2.0	0.5
768	3/13/2015 12:31:11	13.38	47.88	31.17	8.17	8.05	3.0	1.706	94.9	2.6	0.6
769	3/13/2015 12:46:11	13.31	47.79	31.10	8.17	8.05	2.9	1.728	94.7	2.5	0.6
770	3/13/2015 13:01:11	13.29	47.96	31.23	8.16	8.05	2.9	1.749	94.6	2.8	0.7
771	3/13/2015 13:16:11	13.37	47.90	31.19	8.10	8.04	2.9	1.796	94.1	2.2	0.5
772	3/13/2015 13:31:11	13.33	47.80	31.11	8.03	8.04	3.1	1.865	93.1	2.4	0.6
773	3/13/2015 13:46:11	13.35	47.79	31.11	8.00	8.04	3.3	1.886	92.9	2.1	0.5
774	3/13/2015 14:01:11	13.28	47.71	31.05	7.99	8.03	3.0	1.964	92.5	2.6	0.6
775	3/13/2015 14:16:11	13.46	47.58	30.96	8.05	8.03	3.9	2.022	93.5	2.4	0.6
776	3/13/2015 14:31:11	13.43	47.43	30.85	7.99	8.03	4.2	2.065	92.7	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	Fluorescence %FS
777	3/13/2015 14:46:11	13.25	47.47	30.87	7.98	8.02	3.4	2.127	92.3	3.0	0.7
778	3/13/2015 15:01:11	13.05	47.74	31.06	7.93	8.02	2.8	2.153	91.5	2.6	0.6
779	3/13/2015 15:16:11	13.20	47.86	31.15	7.95	8.03	3.0	2.226	92.0	2.4	0.6
780	3/13/2015 15:31:11	13.38	47.82	31.13	7.99	8.03	2.9	2.278	92.7	2.9	0.7
781	3/13/2015 15:46:11	13.00	47.99	31.24	7.93	8.02	2.6	2.331	91.4	2.3	0.5
782	3/13/2015 16:01:11	12.69	48.28	31.44	7.96	8.02	2.8	2.400	91.3	2.7	0.6
783	3/13/2015 16:16:11	12.58	48.35	31.49	7.97	8.03	2.7	2.456	91.3	2.4	0.6
784	3/13/2015 16:31:11	12.57	48.38	31.50	7.98	8.03	2.6	2.513	91.4	2.3	0.5
785	3/13/2015 16:46:11	12.60	48.34	31.48	8.01	8.03	2.3	2.580	91.7	3.6	0.8
786	3/13/2015 17:01:11	12.62	48.34	31.48	8.02	8.03	2.3	2.623	91.8	3.1	0.7
787	3/13/2015 17:16:11	12.56	48.42	31.54	7.99	8.03	2.3	2.672	91.4	2.5	0.6
788	3/13/2015 17:31:11	12.57	48.45	31.56	7.98	8.03	2.6	2.730	91.4	2.6	0.6
789	3/13/2015 17:46:11	12.57	48.48	31.58	7.99	8.03	2.5	2.775	91.5	1.8	0.4
790	3/13/2015 18:01:11	12.53	48.51	31.60	7.95	8.03	2.1	2.797	90.9	2.6	0.6
791	3/13/2015 18:16:11	12.52	48.58	31.65	7.93	8.03	2.4	2.840	90.8	2.4	0.6
792	3/13/2015 18:31:11	12.48	48.43	31.54	7.97	8.03	2.3	2.887	91.1	2.3	0.5
793	3/13/2015 18:46:11	12.35	48.61	31.66	7.87	8.02	2.5	2.898	89.8	1.7	0.4
794	3/13/2015 19:01:11	12.35	48.59	31.65	7.77	8.02	1.5	2.917	88.6	1.8	0.4
795	3/13/2015 19:16:11	12.58	48.56	31.64	7.90	8.03	2.1	2.935	90.5	1.8	0.4
796	3/13/2015 19:31:11	12.34	48.61	31.66	7.77	8.02	1.7	2.923	88.6	2.5	0.6
797	3/13/2015 19:46:11	12.30	48.65	31.69	7.80	8.02	2.3	2.926	88.9	2.1	0.5
798	3/13/2015 20:01:11	12.31	48.70	31.73	7.83	8.02	2.1	2.894	89.2	1.7	0.4
799	3/13/2015 20:16:11	12.37	48.53	31.61	7.86	8.02	2.3	2.858	89.6	2.4	0.6
800	3/13/2015 20:31:11	12.46	48.59	31.65	7.86	8.02	2.4	2.826	89.8	2.4	0.6
801	3/13/2015 20:46:11	12.65	48.43	31.55	7.83	8.02	2.3	2.778	89.8	2.1	0.5
802	3/13/2015 21:01:11	12.81	48.43	31.55	7.83	8.02	2.9	2.726	90.1	2.5	0.6
803	3/13/2015 21:16:11	13.05	48.32	31.48	7.83	8.03	2.8	2.685	90.5	2.0	0.5
804	3/13/2015 21:31:11	13.10	48.30	31.47	7.80	8.03	2.9	2.631	90.3	2.0	0.5
805	3/13/2015 21:46:11	13.05	48.44	31.56	7.79	8.03	3.1	2.587	90.1	2.5	0.6
806	3/13/2015 22:01:11	13.08	48.41	31.55	7.80	8.03	3.1	2.548	90.3	2.5	0.6
807	3/13/2015 22:16:11	13.10	48.35	31.51	7.79	8.03	3.1	2.522	90.2	2.7	0.6
808	3/13/2015 22:31:11	13.12	48.28	31.45	7.81	8.03	2.9	2.479	90.4	2.8	0.6
809	3/13/2015 22:46:11	13.15	48.19	31.39	7.79	8.03	2.9	2.459	90.2	2.4	0.6
810	3/13/2015 23:01:11	13.20	48.14	31.35	7.73	8.03	2.8	2.425	89.6	2.6	0.6
811	3/13/2015 23:16:11	13.18	47.96	31.23	7.83	8.02	2.9	2.419	90.6	2.9	0.7
812	3/13/2015 23:31:11	13.03	48.30	31.46	7.69	8.02	2.6	2.406	88.8	2.9	0.7
813	3/13/2015 23:46:11	12.98	48.17	31.37	7.76	8.02	2.0	2.380	89.6	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	Fluorescence %FS
814	3/14/2015 00:01:11	13.20	47.98	31.24	7.79	8.02	2.4	2.408	90.2	3.0	0.7
815	3/14/2015 00:16:11	13.22	48.02	31.27	7.80	8.02	2.5	2.413	90.4	2.9	0.7
816	3/14/2015 00:31:11	13.16	48.22	31.41	7.73	8.02	2.9	2.427	89.6	2.4	0.6
817	3/14/2015 00:46:11	13.08	48.15	31.36	7.77	8.02	2.6	2.434	89.8	2.4	0.6
818	3/14/2015 01:01:11	13.01	48.26	31.44	7.86	8.03	2.6	2.482	90.8	2.3	0.5
819	3/14/2015 01:16:11	12.99	48.45	31.57	7.85	8.02	2.6	2.512	90.7	2.9	0.7
820	3/14/2015 01:31:11	13.03	48.09	31.32	7.90	8.03	2.9	2.533	91.2	2.7	0.6
821	3/14/2015 01:46:11	13.00	48.32	31.48	7.89	8.02	2.7	2.586	91.2	2.5	0.6
822	3/14/2015 02:01:11	12.94	48.34	31.49	7.89	8.02	2.6	2.626	91.0	2.5	0.6
823	3/14/2015 02:16:11	12.88	48.30	31.46	7.89	8.02	2.4	2.683	90.8	2.5	0.6
824	3/14/2015 02:31:11	12.78	48.48	31.58	7.86	8.02	2.6	2.723	90.4	2.7	0.6
825	3/14/2015 02:46:11	12.72	48.41	31.54	7.88	8.02	2.5	2.771	90.5	2.2	0.5
826	3/14/2015 03:01:11	12.41	48.71	31.74	7.96	8.03	2.8	2.840	90.9	2.0	0.5
827	3/14/2015 03:16:11	12.35	48.79	31.80	7.97	8.03	2.6	2.879	90.9	2.3	0.5
828	3/14/2015 03:31:11	12.27	48.89	31.86	7.98	8.03	2.3	2.939	91.0	2.9	0.7
829	3/14/2015 03:46:11	12.13	48.97	31.91	8.04	8.04	2.3	2.994	91.5	2.6	0.6
830	3/14/2015 04:01:11	12.06	49.14	32.04	8.06	8.05	2.5	3.055	91.6	2.6	0.6
831	3/14/2015 04:16:11	11.99	49.22	32.09	8.12	8.05	2.4	3.116	92.2	2.7	0.6
832	3/14/2015 04:31:11	11.95	49.22	32.09	8.14	8.05	2.3	3.169	92.3	3.3	0.8
833	3/14/2015 04:46:11	11.92	49.30	32.14	8.14	8.06	2.1	3.222	92.3	2.5	0.6
834	3/14/2015 05:01:11	11.85	49.42	32.23	8.17	8.06	2.4	3.286	92.6	3.5	0.8
835	3/14/2015 05:16:11	11.84	49.26	32.11	8.18	8.06	2.1	3.324	92.5	3.0	0.7
836	3/14/2015 05:31:11	11.82	49.33	32.16	8.20	8.06	2.3	3.353	92.8	2.8	0.6
837	3/14/2015 05:46:11	11.79	49.21	32.07	8.22	8.07	1.9	3.413	92.9	2.5	0.6
838	3/14/2015 06:01:11	11.75	49.37	32.19	8.17	8.07	1.7	3.425	92.3	3.0	0.7
839	3/14/2015 06:16:11	11.73	49.45	32.24	8.09	8.07	1.5	3.436	91.4	1.8	0.4
840	3/14/2015 06:31:11	11.79	49.39	32.20	8.07	8.06	1.8	3.441	91.2	2.0	0.5
841	3/14/2015 06:46:11	11.75	49.48	32.27	8.10	8.06	2.0	3.426	91.5	2.0	0.5
842	3/14/2015 07:01:11	11.81	49.50	32.28	8.04	8.06	1.6	3.407	91.0	1.8	0.4
843	3/14/2015 07:16:11	12.18	48.84	31.82	7.86	8.03	2.2	3.363	89.5	1.6	0.4
844	3/14/2015 07:31:11	12.35	48.80	31.80	7.80	8.02	2.9	3.312	89.0	2.7	0.6
845	3/14/2015 07:46:11	12.38	48.80	31.80	7.75	8.02	3.4	3.256	88.6	2.8	0.7
846	3/14/2015 08:01:11	12.30	48.82	31.82	7.78	8.02	3.0	3.211	88.7	2.0	0.5
847	3/14/2015 08:16:11	12.45	48.76	31.78	7.71	8.01	2.8	3.147	88.2	1.4	0.3
848	3/14/2015 08:31:11	12.45	48.72	31.75	7.74	8.02	3.4	3.057	88.6	2.4	0.6
849	3/14/2015 08:46:11	12.44	48.56	31.63	7.83	8.02	2.7	2.995	89.4	1.9	0.4
850	3/14/2015 09:01:11	12.46	48.69	31.73	7.73	8.01	2.8	2.910	88.4	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	Fluorescence %FS
851	3/14/2015 09:16:11	12.44	48.78	31.79	7.76	8.01	2.9	2.841	88.7	2.3	0.5
852	3/14/2015 09:31:11	12.48	48.81	31.81	7.73	8.01	2.9	2.770	88.4	1.8	0.4
853	3/14/2015 09:46:11	12.56	48.74	31.77	7.70	8.01	3.1	2.645	88.3	2.2	0.5
854	3/14/2015 10:01:11	12.61	48.68	31.72	7.71	8.01	3.6	2.589	88.4	1.7	0.4
855	3/14/2015 10:16:11	12.68	48.64	31.70	7.76	8.01	3.2	2.503	89.2	1.9	0.5
856	3/14/2015 10:31:11	12.73	48.34	31.49	7.83	8.02	3.1	2.407	89.9	2.1	0.5
857	3/14/2015 10:46:11	13.18	48.17	31.38	7.80	8.02	3.5	2.291	90.4	2.0	0.5
858	3/14/2015 11:01:11	13.20	48.11	31.33	7.89	8.03	3.2	2.211	91.4	2.7	0.6
859	3/14/2015 11:16:11	13.33	48.16	31.38	7.93	8.03	3.4	2.109	92.2	2.0	0.5
860	3/14/2015 11:31:11	13.41	48.21	31.41	8.11	8.05	3.2	2.025	94.4	2.6	0.6
861	3/14/2015 11:46:11	13.56	48.16	31.38	8.16	8.05	2.9	1.925	95.2	2.5	0.6
862	3/14/2015 12:01:11	13.82	48.00	31.28	8.25	8.06	3.4	1.825	96.7	2.3	0.6
863	3/14/2015 12:16:11	13.98	47.93	31.23	8.29	8.07	3.4	1.779	97.5	2.8	0.7
864	3/14/2015 12:31:11	14.09	47.91	31.21	8.18	8.07	2.9	1.720	96.4	2.8	0.6
865	3/14/2015 12:46:11	14.14	47.85	31.17	8.21	8.07	2.8	1.661	96.9	3.3	0.8
866	3/14/2015 13:01:11	14.18	47.73	31.09	8.18	8.07	2.6	1.618	96.5	2.4	0.6
867	3/14/2015 13:16:11	14.21	47.79	31.13	8.15	8.07	2.4	1.609	96.3	2.4	0.6
868	3/14/2015 13:31:11	14.07	47.75	31.10	8.23	8.07	3.0	1.625	96.9	2.5	0.6
869	3/14/2015 13:46:11	14.00	47.64	31.02	8.14	8.06	2.8	1.613	95.7	3.1	0.7
870	3/14/2015 14:01:11	13.94	47.89	31.20	8.08	8.05	2.8	1.649	95.0	2.6	0.6
871	3/14/2015 14:16:11	13.93	47.84	31.16	8.02	8.05	2.6	1.669	94.3	2.8	0.7
872	3/14/2015 14:31:11	13.97	47.80	31.14	8.02	8.05	2.9	1.745	94.2	2.7	0.6
873	3/14/2015 14:46:11	13.94	47.76	31.10	8.00	8.04	3.0	1.795	94.0	2.8	0.7
874	3/14/2015 15:01:11	13.88	47.78	31.11	7.96	8.04	2.7	1.815	93.4	2.2	0.5
875	3/14/2015 15:16:11	13.83	47.81	31.14	7.94	8.04	2.7	1.902	93.1	2.6	0.6
876	3/14/2015 15:31:11	13.77	47.71	31.06	7.90	8.03	2.8	1.960	92.5	2.3	0.5
877	3/14/2015 15:46:11	13.68	47.75	31.09	7.88	8.03	3.0	2.001	92.1	2.5	0.6
878	3/14/2015 16:01:11	13.61	47.61	30.98	7.86	8.02	2.9	2.068	91.7	2.5	0.6
879	3/14/2015 16:16:11	13.31	47.98	31.24	7.79	8.01	2.8	2.122	90.4	1.8	0.4
880	3/14/2015 16:31:11	13.28	47.92	31.20	7.80	8.01	2.9	2.190	90.5	2.2	0.5
881	3/14/2015 16:46:11	13.09	48.16	31.36	7.80	8.01	2.6	2.254	90.2	1.8	0.4
882	3/14/2015 17:01:11	13.01	48.34	31.50	7.81	8.01	2.6	2.306	90.2	1.8	0.4
883	3/14/2015 17:16:11	12.95	48.37	31.51	7.81	8.02	2.5	2.389	90.1	2.2	0.5
884	3/14/2015 17:31:11	12.87	48.35	31.50	7.86	8.02	2.4	2.462	90.5	1.9	0.4
885	3/14/2015 17:46:11	12.83	48.48	31.59	7.87	8.02	2.6	2.502	90.6	2.0	0.5
886	3/14/2015 18:01:11	12.82	48.49	31.60	7.85	8.02	2.2	2.574	90.4	2.2	0.5
887	3/14/2015 18:16:11	12.79	48.51	31.61	7.85	8.02	2.5	2.637	90.3	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	Fluorescence %FS
888	3/14/2015 18:31:11	12.72	48.64	31.70	7.84	8.02	2.4	2.682	90.2	2.7	0.6
889	3/14/2015 18:46:11	12.65	48.61	31.67	7.85	8.02	2.4	2.745	90.2	2.5	0.6
890	3/14/2015 19:01:11	12.61	48.65	31.70	7.88	8.02	2.3	2.786	90.4	2.0	0.5
891	3/14/2015 19:16:11	12.58	48.74	31.77	7.87	8.02	2.2	2.838	90.3	2.6	0.6
892	3/14/2015 19:31:11	12.54	48.74	31.77	7.88	8.03	2.0	2.874	90.3	2.4	0.6
893	3/14/2015 19:46:11	12.47	48.81	31.81	7.95	8.03	2.3	2.917	91.0	3.0	0.7
894	3/14/2015 20:01:11	12.44	48.91	31.88	7.98	8.04	2.1	2.951	91.3	3.5	0.8
895	3/14/2015 20:16:11	12.42	48.83	31.82	7.92	8.03	1.8	2.982	90.6	4.0	0.9
896	3/14/2015 20:31:11	12.42	48.91	31.89	7.89	8.03	2.0	2.995	90.2	2.9	0.7
897	3/14/2015 20:46:11	12.65	48.57	31.65	7.78	8.02	2.5	3.002	89.3	2.2	0.5
898	3/14/2015 21:01:11	12.50	48.85	31.84	7.77	8.02	1.8	3.001	89.0	2.8	0.7
899	3/14/2015 21:16:11	12.44	48.54	31.62	7.83	8.03	1.7	2.990	89.5	2.8	0.7
900	3/14/2015 21:31:11	12.61	48.64	31.70	7.80	8.02	2.7	2.954	89.5	2.2	0.5
901	3/14/2015 21:46:11	12.58	48.75	31.77	7.81	8.02	3.1	2.923	89.5	2.6	0.6
902	3/14/2015 22:01:11	13.01	48.34	31.49	7.63	8.01	3.4	2.886	88.2	2.9	0.7
903	3/14/2015 22:16:11	12.73	48.50	31.60	7.73	8.01	3.4	2.816	88.9	3.3	0.8
904	3/14/2015 22:31:11	12.69	48.66	31.71	7.73	8.01	4.0	2.766	88.8	2.3	0.5
905	3/14/2015 22:46:11	12.61	48.46	31.56	7.71	8.01	3.4	2.717	88.4	2.6	0.6
906	3/14/2015 23:01:11	12.67	48.62	31.69	7.72	8.01	3.1	2.665	88.6	2.2	0.5
907	3/14/2015 23:16:11	12.70	48.63	31.69	7.69	8.01	3.1	2.616	88.3	2.2	0.5
908	3/14/2015 23:31:11	12.67	48.65	31.71	7.67	8.01	3.1	2.581	88.1	2.4	0.6
909	3/14/2015 23:46:11	12.80	48.47	31.58	7.66	8.01	3.1	2.523	88.1	2.8	0.7
910	3/15/2015 00:01:11	12.88	48.42	31.55	7.65	8.00	2.9	2.491	88.2	2.0	0.5
911	3/15/2015 00:16:11	12.99	48.28	31.45	7.59	8.00	2.7	2.436	87.7	2.3	0.5
912	3/15/2015 00:31:11	12.96	48.38	31.52	7.59	8.00	2.9	2.414	87.6	2.7	0.6
913	3/15/2015 00:46:11	13.14	48.12	31.34	7.60	8.00	2.6	2.397	87.9	2.5	0.6
914	3/15/2015 01:01:11	13.21	47.99	31.25	7.59	8.00	2.6	2.347	87.9	3.1	0.7
915	3/15/2015 01:16:11	13.00	48.28	31.45	7.49	8.00	2.2	2.372	86.4	2.3	0.5
916	3/15/2015 01:31:11	12.96	48.27	31.44	7.63	8.00	2.1	2.364	88.1	2.4	0.6
917	3/15/2015 01:46:11	13.16	48.13	31.35	7.57	8.00	2.5	2.370	87.7	3.1	0.7
918	3/15/2015 02:01:11	13.00	48.26	31.44	7.54	8.00	2.9	2.391	87.1	2.1	0.5
919	3/15/2015 02:16:11	12.95	48.24	31.42	7.63	8.00	2.7	2.422	88.0	2.2	0.5
920	3/15/2015 02:31:11	12.92	48.21	31.40	7.65	8.00	3.2	2.468	88.1	2.5	0.6
921	3/15/2015 02:46:11	12.98	48.05	31.28	7.68	8.00	3.0	2.500	88.5	2.8	0.7
922	3/15/2015 03:01:11	12.92	48.09	31.31	7.67	8.00	2.9	2.554	88.3	2.5	0.6
923	3/15/2015 03:16:11	12.85	48.38	31.52	7.67	8.00	2.6	2.612	88.3	1.9	0.4
924	3/15/2015 03:31:11	12.77	48.49	31.59	7.68	8.01	2.8	2.670	88.3	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	Fluorescence %FS
925	3/15/2015 03:46:11	12.58	48.53	31.62	7.79	8.02	3.2	2.727	89.3	2.7	0.6
926	3/15/2015 04:01:11	12.52	48.64	31.69	7.82	8.02	2.5	2.752	89.5	2.5	0.6
927	3/15/2015 04:16:11	12.45	48.83	31.82	7.87	8.03	2.5	2.841	90.0	2.5	0.6
928	3/15/2015 04:31:11	12.41	48.77	31.78	7.91	8.03	3.1	2.897	90.4	2.2	0.5
929	3/15/2015 04:46:11	12.31	48.96	31.92	7.94	8.04	2.4	2.939	90.6	2.3	0.5
930	3/15/2015 05:01:11	12.27	49.01	31.95	7.96	8.04	2.3	3.021	90.8	2.9	0.7
931	3/15/2015 05:16:11	12.15	49.20	32.08	8.02	8.05	2.3	3.068	91.4	2.1	0.5
932	3/15/2015 05:31:11	12.06	49.33	32.17	8.05	8.05	2.5	3.146	91.6	2.3	0.5
933	3/15/2015 05:46:11	11.96	49.29	32.14	8.13	8.06	2.5	3.192	92.2	2.7	0.6
934	3/15/2015 06:01:11	11.93	49.34	32.17	8.13	8.06	2.8	3.252	92.2	2.3	0.5
935	3/15/2015 06:16:11	11.81	49.55	32.32	8.19	8.07	2.5	3.320	92.8	3.4	0.8
936	3/15/2015 06:31:11	11.74	49.51	32.29	8.24	8.08	3.1	3.371	93.1	3.3	0.8
937	3/15/2015 06:46:11	11.68	49.42	32.22	8.27	8.08	2.1	3.403	93.3	2.5	0.6
938	3/15/2015 07:01:11	11.65	49.71	32.43	8.27	8.08	2.1	3.430	93.3	2.6	0.6
939	3/15/2015 07:16:11	11.63	49.62	32.36	8.26	8.08	1.7	3.467	93.2	1.9	0.4
940	3/15/2015 07:31:11	11.59	49.60	32.35	8.22	8.08	1.2	3.477	92.6	2.2	0.5
941	3/15/2015 07:46:11	11.71	49.63	32.37	8.17	8.08	2.1	3.476	92.3	2.0	0.5
942	3/15/2015 08:01:11	11.64	49.67	32.40	8.12	8.07	1.7	3.469	91.7	2.3	0.5
943	3/15/2015 08:16:11	11.60	49.72	32.43	8.24	8.08	2.8	3.449	92.9	2.1	0.5
944	3/15/2015 08:31:11	11.66	49.69	32.42	8.16	8.08	2.0	3.407	92.2	1.1	0.3
945	3/15/2015 08:46:11	12.02	49.26	32.12	7.96	8.05	2.6	3.363	90.4	1.9	0.4
946	3/15/2015 09:01:11	12.29	49.05	31.98	7.78	8.02	2.6	3.291	88.8	1.9	0.4
947	3/15/2015 09:16:11	12.33	48.90	31.87	7.74	8.02	3.1	3.227	88.4	1.5	0.4
948	3/15/2015 09:31:11	12.31	48.90	31.87	7.74	8.02	2.6	3.185	88.3	1.5	0.4
949	3/15/2015 09:46:11	12.34	48.92	31.89	7.78	8.02	2.9	3.070	88.9	2.5	0.6
950	3/15/2015 10:01:11	12.35	48.92	31.89	7.83	8.03	3.6	2.979	89.4	2.6	0.6
951	3/15/2015 10:16:11	12.36	48.89	31.87	7.83	8.03	2.8	2.934	89.4	2.7	0.6
952	3/15/2015 10:31:11	12.48	48.65	31.70	7.74	8.01	2.8	2.823	88.6	1.9	0.5
953	3/15/2015 10:46:11	12.53	48.69	31.73	7.74	8.01	3.1	2.729	88.6	1.7	0.4
954	3/15/2015 11:01:11	12.47	48.88	31.87	7.79	8.02	3.2	2.645	89.2	1.8	0.4
955	3/15/2015 11:16:11	12.49	48.87	31.86	7.87	8.02	3.6	2.546	90.1	1.6	0.4
956	3/15/2015 11:31:11	12.57	48.77	31.79	7.88	8.03	4.0	2.458	90.3	2.3	0.5
957	3/15/2015 11:46:11	12.74	48.61	31.68	7.84	8.02	3.5	2.353	90.1	2.5	0.6
958	3/15/2015 12:01:11	12.80	48.50	31.60	7.88	8.02	4.5	2.251	90.7	3.1	0.7
959	3/15/2015 12:16:11	12.95	48.45	31.57	7.79	8.01	5.7	2.131	89.9	2.6	0.6
960	3/15/2015 12:31:11	13.05	48.29	31.46	7.77	8.01	6.2	2.069	89.8	2.2	0.5
961	3/15/2015 12:46:11	12.87	48.40	31.53	8.04	8.04	7.8	1.946	92.7	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	Fluorescence %FS
962	3/15/2015 13:01:11	13.12	48.27	31.45	7.98	8.03	6.8	1.857	92.3	2.7	0.6
963	3/15/2015 13:16:11	13.25	48.07	31.31	7.88	8.03	6.2	1.788	91.4	2.4	0.6
964	3/15/2015 13:31:11	13.39	47.74	31.07	7.96	8.04	6.6	1.671	92.5	2.8	0.7
965	3/15/2015 13:46:11	13.55	47.75	31.09	7.83	8.03	5.5	1.627	91.2	2.7	0.6
966	3/15/2015 14:01:11	13.56	47.69	31.04	7.75	8.03	5.2	1.551	90.3	2.3	0.5
967	3/15/2015 14:16:11	13.56	47.79	31.11	7.63	8.02	3.9	1.495	88.9	2.5	0.6
968	3/15/2015 14:31:11	13.52	47.65	31.01	7.77	8.03	5.1	1.514	90.4	2.3	0.5
969	3/15/2015 14:46:11	13.49	47.78	31.10	7.76	8.03	4.7	1.483	90.4	2.4	0.6
970	3/15/2015 15:01:11	13.43	47.85	31.16	7.73	8.02	4.8	1.496	89.9	2.3	0.5
971	3/15/2015 15:16:11	13.39	47.84	31.15	7.78	8.02	7.5	1.554	90.4	2.7	0.6
972	3/15/2015 15:31:11	13.42	47.83	31.14	7.79	8.02	4.6	1.602	90.5	3.1	0.7
973	3/15/2015 15:46:11	13.37	47.65	31.01	7.77	8.02	5.4	1.669	90.2	2.2	0.5
974	3/15/2015 16:01:11	13.35	47.68	31.03	7.73	8.01	5.3	1.749	89.7	2.4	0.6
975	3/15/2015 16:16:11	13.38	47.48	30.89	7.71	8.01	4.8	1.815	89.4	2.5	0.6
976	3/15/2015 16:31:11	13.37	47.58	30.95	7.67	8.00	4.7	1.870	88.9	2.2	0.5
977	3/15/2015 16:46:11	13.34	47.56	30.94	7.66	8.00	4.0	1.969	88.8	2.3	0.5
978	3/15/2015 17:01:11	13.33	47.81	31.12	7.65	8.00	3.8	2.026	88.7	2.2	0.5
979	3/15/2015 17:16:11	13.27	47.88	31.17	7.62	8.00	3.9	2.090	88.3	2.1	0.5
980	3/15/2015 17:31:11	13.16	48.00	31.25	7.64	8.00	3.5	2.164	88.4	1.7	0.4
981	3/15/2015 17:46:11	13.07	48.09	31.31	7.64	8.00	3.2	2.227	88.3	1.9	0.4
982	3/15/2015 18:01:11	12.97	48.12	31.33	7.67	8.00	3.1	2.299	88.5	2.3	0.5
983	3/15/2015 18:16:11	12.90	48.33	31.48	7.70	8.00	3.2	2.371	88.8	1.7	0.4
984	3/15/2015 18:31:11	12.86	48.13	31.34	7.73	8.00	3.6	2.450	89.0	2.1	0.5
985	3/15/2015 18:46:11	12.85	48.36	31.50	7.72	8.00	3.5	2.515	88.9	2.0	0.5
986	3/15/2015 19:01:11	12.81	48.35	31.49	7.72	8.00	3.4	2.599	88.8	1.9	0.4
987	3/15/2015 19:16:11	12.76	48.54	31.63	7.71	8.00	3.3	2.659	88.7	1.9	0.4
988	3/15/2015 19:31:11	12.69	48.46	31.57	7.74	8.01	3.2	2.734	88.8	2.7	0.6
989	3/15/2015 19:46:11	12.62	48.53	31.62	7.74	8.01	3.6	2.810	88.8	2.4	0.6
990	3/15/2015 20:01:11	12.52	48.63	31.69	7.75	8.01	3.6	2.862	88.8	2.3	0.5
991	3/15/2015 20:16:11	12.42	48.70	31.73	7.85	8.02	3.4	2.939	89.7	2.3	0.5
992	3/15/2015 20:31:11	12.36	48.77	31.78	7.89	8.03	3.7	2.991	90.0	2.5	0.6
993	3/15/2015 20:46:11	12.32	48.73	31.75	7.88	8.03	3.1	3.037	89.8	1.9	0.5
994	3/15/2015 21:01:11	12.28	48.79	31.79	7.89	8.03	2.9	3.099	89.9	2.5	0.6
995	3/15/2015 21:16:11	12.21	48.86	31.84	7.88	8.03	2.4	3.128	89.7	2.9	0.7
996	3/15/2015 21:31:11	12.12	49.02	31.95	7.80	8.04	1.5	3.146	88.8	3.2	0.8
997	3/15/2015 21:46:11	12.19	48.93	31.89	7.75	8.03	2.1	3.168	88.2	1.9	0.4
998	3/15/2015 22:01:11	12.17	48.94	31.90	7.85	8.03	2.6	3.141	89.4	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	Fluorescence %FS
999	3/15/2015 22:16:11	12.12	49.07	31.98	7.89	8.04	2.8	3.126	89.7	2.5	0.6
1000	3/15/2015 22:31:11	12.19	49.03	31.96	7.84	8.03	2.6	3.096	89.3	2.0	0.5
1001	3/15/2015 22:46:11	12.27	48.75	31.76	7.83	8.03	3.1	3.040	89.3	2.5	0.6
1002	3/15/2015 23:01:11	12.43	48.68	31.72	7.72	8.01	3.9	2.972	88.2	2.4	0.6
1003	3/15/2015 23:16:11	12.38	48.79	31.79	7.74	8.01	4.2	2.910	88.4	2.1	0.5
1004	3/15/2015 23:31:11	12.40	48.63	31.68	7.70	8.01	4.2	2.872	87.9	2.7	0.6
1005	3/15/2015 23:46:11	12.46	48.62	31.67	7.66	8.01	3.9	2.775	87.6	1.8	0.4
1006	3/16/2015 00:01:11	12.61	48.46	31.56	7.60	8.00	4.0	2.722	87.1	2.5	0.6
1007	3/16/2015 00:16:11	12.70	48.35	31.49	7.57	7.99	3.9	2.668	86.9	1.9	0.4
1008	3/16/2015 00:31:11	12.76	48.42	31.54	7.48	7.99	3.7	2.605	86.0	1.8	0.4
1009	3/16/2015 00:46:11	12.81	48.32	31.47	7.47	7.98	3.8	2.547	85.9	2.1	0.5
1010	3/16/2015 01:01:11	12.86	48.25	31.42	7.42	7.97	4.1	2.491	85.4	2.7	0.6
1011	3/16/2015 01:16:11	12.88	47.90	31.17	7.47	7.98	3.6	2.444	85.9	2.5	0.6
1012	3/16/2015 01:31:11	12.81	48.15	31.35	7.46	7.98	4.1	2.399	85.7	2.8	0.7
1013	3/16/2015 01:46:11	13.07	47.77	31.09	7.44	7.98	3.2	2.349	85.8	2.9	0.7
1014	3/16/2015 02:01:11	13.03	47.95	31.21	7.41	7.98	3.4	2.323	85.5	2.7	0.6
1015	3/16/2015 02:16:11	13.07	47.87	31.15	7.39	7.98	2.9	2.288	85.2	2.7	0.6
1016	3/16/2015 02:31:11	13.10	47.76	31.08	7.39	7.98	3.1	2.275	85.3	2.9	0.7
1017	3/16/2015 02:46:11	13.06	47.71	31.04	7.25	7.97	2.6	2.283	83.5	1.9	0.4
1018	3/16/2015 03:01:11	12.97	47.98	31.23	7.37	7.98	3.1	2.269	85.0	2.3	0.5
1019	3/16/2015 03:16:11	12.92	47.99	31.24	7.40	7.98	3.3	2.302	85.1	2.2	0.5
1020	3/16/2015 03:31:11	12.93	47.95	31.21	7.44	7.98	3.4	2.320	85.7	2.2	0.5
1021	3/16/2015 03:46:11	12.93	47.94	31.20	7.42	7.98	3.6	2.385	85.4	2.4	0.6
1022	3/16/2015 04:01:11	12.88	48.02	31.26	7.43	7.98	3.4	2.409	85.5	2.4	0.6
1023	3/16/2015 04:16:11	12.89	47.88	31.16	7.45	7.98	3.6	2.471	85.7	2.5	0.6
1024	3/16/2015 04:31:11	12.85	48.01	31.25	7.46	7.98	3.6	2.540	85.8	2.0	0.5
1025	3/16/2015 04:46:11	12.78	48.16	31.36	7.50	7.98	3.4	2.592	86.1	2.0	0.5
1026	3/16/2015 05:01:11	12.71	48.26	31.42	7.56	7.99	3.7	2.667	86.8	2.5	0.6
1027	3/16/2015 05:16:11	12.59	48.41	31.53	7.60	8.00	3.6	2.721	87.0	2.2	0.5
1028	3/16/2015 05:31:11	12.52	48.52	31.60	7.65	8.00	3.4	2.783	87.5	1.5	0.4
1029	3/16/2015 05:46:11	12.41	48.75	31.77	7.72	8.01	3.7	2.859	88.2	1.8	0.4
1030	3/16/2015 06:01:11	12.33	48.72	31.74	7.77	8.02	3.4	2.922	88.6	2.1	0.5
1031	3/16/2015 06:16:11	12.27	48.81	31.80	7.78	8.02	3.3	2.991	88.7	2.4	0.6
1032	3/16/2015 06:31:11	12.23	48.85	31.83	7.82	8.03	3.7	3.071	89.0	2.4	0.6
1033	3/16/2015 06:46:11	12.07	49.08	31.99	7.92	8.04	3.9	3.141	90.0	2.0	0.5
1034	3/16/2015 07:01:11	12.00	49.12	32.02	7.96	8.05	3.8	3.210	90.4	1.7	0.4
1035	3/16/2015 07:16:11	11.85	49.12	32.01	8.06	8.06	4.3	3.286	91.2	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	Fluorescence %FS
1036	3/16/2015 07:31:11	11.73	49.35	32.17	8.20	8.08	4.1	3.354	92.6	3.6	0.9
1037	3/16/2015 07:46:11	11.66	49.47	32.26	8.26	8.09	4.0	3.412	93.2	2.4	0.6
1038	3/16/2015 08:01:11	11.61	49.55	32.31	8.32	8.10	2.8	3.465	93.8	2.3	0.5
1039	3/16/2015 08:16:11	11.58	49.59	32.34	8.33	8.10	2.9	3.514	93.9	2.5	0.6
1040	3/16/2015 08:31:11	11.56	49.62	32.36	8.32	8.11	2.6	3.557	93.8	2.6	0.6
1041	3/16/2015 08:46:11	11.53	49.61	32.35	8.35	8.11	1.8	3.574	94.0	2.0	0.5
1042	3/16/2015 09:01:11	11.71	49.34	32.16	8.14	8.09	2.2	3.571	91.9	2.1	0.5
1043	3/16/2015 09:16:11	11.61	49.53	32.29	8.20	8.10	1.9	3.579	92.4	1.9	0.4
1044	3/16/2015 09:31:11	11.56	49.60	32.35	8.27	8.10	3.1	3.540	93.2	1.2	0.3
1045	3/16/2015 09:46:11	11.58	49.62	32.36	8.25	8.10	2.6	3.494	93.0	1.2	0.3
1046	3/16/2015 10:01:11	11.75	49.11	32.00	8.13	8.08	3.0	3.444	91.7	1.6	0.4
1047	3/16/2015 10:16:11	12.07	49.05	31.97	7.95	8.05	4.3	3.367	90.3	2.0	0.5
1048	3/16/2015 10:31:11	12.17	49.01	31.95	7.90	8.04	3.8	3.260	89.9	2.0	0.5
1049	3/16/2015 10:46:11	12.13	49.03	31.96	7.93	8.04	3.9	3.192	90.2	1.9	0.4
1050	3/16/2015 11:01:11	12.28	48.82	31.81	7.78	8.02	3.9	3.101	88.7	1.7	0.4
1051	3/16/2015 11:16:11	12.32	48.77	31.78	7.77	8.02	3.7	2.996	88.7	1.8	0.4
1052	3/16/2015 11:31:11	12.44	48.73	31.76	7.72	8.02	3.4	2.906	88.2	1.6	0.4
1053	3/16/2015 11:46:11	12.48	48.58	31.65	7.74	8.01	3.6	2.798	88.5	1.8	0.4
1054	3/16/2015 12:01:11	12.64	48.37	31.50	7.66	8.00	4.5	2.697	87.8	1.8	0.4
1055	3/16/2015 12:16:11	12.65	48.57	31.65	7.70	8.01	3.6	2.598	88.3	1.7	0.4
1056	3/16/2015 12:31:11	12.80	48.21	31.39	7.67	8.00	3.9	2.478	88.2	2.2	0.5
1057	3/16/2015 12:46:11	12.78	48.28	31.44	7.82	8.01	3.9	2.362	89.9	1.7	0.4
1058	3/16/2015 13:01:11	12.91	48.27	31.44	7.82	8.01	3.8	2.258	90.1	2.0	0.5
1059	3/16/2015 13:16:11	13.02	48.19	31.38	8.06	8.03	4.4	2.136	93.0	2.1	0.5
1060	3/16/2015 13:31:11	13.16	48.25	31.44	7.87	8.02	4.2	1.999	91.2	1.9	0.4
1061	3/16/2015 13:46:11	13.31	48.05	31.30	7.71	8.00	4.5	1.889	89.5	2.0	0.5
1062	3/16/2015 14:01:11	13.44	47.92	31.20	7.74	8.01	4.7	1.785	90.1	2.2	0.5
1063	3/16/2015 14:16:11	13.53	48.00	31.27	7.88	8.02	4.5	1.679	91.8	1.9	0.4
1064	3/16/2015 14:31:11	13.56	47.87	31.17	7.83	8.01	5.0	1.574	91.3	2.2	0.5
1065	3/16/2015 14:46:11	13.64	47.77	31.10	7.84	8.01	5.4	1.489	91.5	2.7	0.6
1066	3/16/2015 15:01:11	13.63	47.74	31.08	7.74	8.01	4.7	1.436	90.3	2.1	0.5
1067	3/16/2015 15:16:11	13.75	47.65	31.02	7.83	8.01	4.8	1.380	91.6	2.9	0.7
1068	3/16/2015 15:31:11	13.80	47.66	31.03	7.75	8.01	3.9	1.362	90.7	2.2	0.5
1069	3/16/2015 15:46:11	13.76	47.70	31.05	7.83	8.01	4.3	1.380	91.6	3.3	0.8
1070	3/16/2015 16:01:11	13.67	47.61	30.99	7.74	8.00	4.3	1.419	90.3	2.7	0.6
1071	3/16/2015 16:16:11	13.63	47.48	30.89	7.70	8.00	4.1	1.461	89.8	2.9	0.7
1072	3/16/2015 16:31:11	13.69	47.72	31.07	7.70	8.00	3.8	1.523	90.0	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	Fluorescence %FS
1073	3/16/2015 16:46:11	13.70	47.38	30.82	7.67	7.99	4.6	1.613	89.5	2.1	0.5
1074	3/16/2015 17:01:11	13.67	47.25	30.73	7.64	7.99	4.8	1.672	89.1	2.7	0.6
1075	3/16/2015 17:16:11	13.61	47.38	30.82	7.57	7.98	4.5	1.765	88.2	2.5	0.6
1076	3/16/2015 17:31:11	13.57	47.29	30.75	7.53	7.98	4.5	1.840	87.6	2.8	0.6
1077	3/16/2015 17:46:11	13.53	47.36	30.80	7.53	7.98	4.2	1.926	87.6	2.3	0.5
1078	3/16/2015 18:01:11	13.43	47.50	30.90	7.56	7.98	3.7	2.006	87.7	2.4	0.6
1079	3/16/2015 18:16:11	13.28	47.71	31.05	7.59	7.99	3.7	2.096	87.9	2.0	0.5
1080	3/16/2015 18:31:11	13.09	47.85	31.14	7.61	7.99	3.9	2.192	87.8	2.2	0.5
1081	3/16/2015 18:46:11	13.04	48.09	31.31	7.59	7.99	4.1	2.270	87.6	1.7	0.4
1082	3/16/2015 19:01:11	12.98	48.11	31.33	7.62	7.99	3.6	2.364	87.9	2.1	0.5
1083	3/16/2015 19:16:11	12.97	48.27	31.44	7.63	7.99	3.4	2.452	88.1	1.8	0.4
1084	3/16/2015 19:31:11	12.93	48.29	31.46	7.66	7.99	4.1	2.530	88.3	2.5	0.6
1085	3/16/2015 19:46:11	12.87	48.14	31.34	7.71	8.00	3.9	2.621	88.8	2.3	0.5
1086	3/16/2015 20:01:11	12.85	48.28	31.44	7.75	8.00	4.3	2.701	89.2	1.7	0.4
1087	3/16/2015 20:16:11	12.71	48.37	31.51	7.73	8.00	5.8	2.790	88.8	2.2	0.5
1088	3/16/2015 20:31:11	12.63	48.57	31.65	7.80	8.02	5.8	2.867	89.5	2.6	0.6
1089	3/16/2015 20:46:11	12.54	48.66	31.71	7.86	8.03	6.4	2.952	90.0	2.5	0.6
1090	3/16/2015 21:01:11	12.43	48.72	31.74	7.98	8.04	5.4	3.035	91.2	2.3	0.5
1091	3/16/2015 21:16:11	12.27	48.93	31.89	8.15	8.07	5.1	3.108	92.9	2.3	0.5
1092	3/16/2015 21:31:11	12.15	49.17	32.06	8.27	8.08	5.3	3.180	94.2	2.3	0.5
1093	3/16/2015 21:46:11	12.05	49.21	32.08	8.40	8.10	4.2	3.241	95.5	4.8	1.1
1094	3/16/2015 22:01:11	12.01	49.30	32.15	8.45	8.11	3.5	3.294	96.0	3.0	0.7
1095	3/16/2015 22:16:11	12.00	49.36	32.19	8.50	8.11	3.1	3.327	96.5	2.8	0.7
1096	3/16/2015 22:31:11	11.99	49.27	32.12	8.44	8.11	3.2	3.356	95.9	2.5	0.6
1097	3/16/2015 22:46:11	12.06	49.32	32.17	8.32	8.10	3.4	3.357	94.7	2.4	0.6
1098	3/16/2015 23:01:11	12.02	49.26	32.12	8.42	8.11	3.4	3.326	95.7	3.4	0.8
1099	3/16/2015 23:16:11	12.03	49.29	32.14	8.40	8.11	3.9	3.295	95.4	2.1	0.5
1100	3/16/2015 23:31:11	12.06	49.30	32.15	8.38	8.10	3.8	3.233	95.3	2.3	0.5
1101	3/16/2015 23:46:11	12.42	48.70	31.73	7.89	8.05	4.8	3.156	90.2	1.9	0.4
1102	3/17/2015 00:01:11	12.23	48.98	31.93	8.11	8.07	4.1	3.083	92.4	1.9	0.5
1103	3/17/2015 00:16:11	12.29	48.93	31.89	7.99	8.05	4.2	2.991	91.1	1.4	0.3
1104	3/17/2015 00:31:11	12.49	48.63	31.68	7.77	8.02	4.9	2.908	88.8	2.0	0.5
1105	3/17/2015 00:46:11	12.65	48.50	31.60	7.64	8.01	4.5	2.832	87.7	2.3	0.5
1106	3/17/2015 01:01:11	12.76	48.40	31.53	7.58	8.00	4.3	2.749	87.1	1.6	0.4
1107	3/17/2015 01:16:11	12.82	48.32	31.47	7.52	7.99	4.3	2.662	86.5	1.4	0.3
1108	3/17/2015 01:31:11	12.84	48.29	31.45	7.52	7.99	3.7	2.593	86.5	2.1	0.5
1109	3/17/2015 01:46:11	12.93	48.09	31.31	7.40	7.97	4.5	2.523	85.3	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	Fluorescence %FS
1110	3/17/2015 02:01:11	12.91	48.23	31.41	7.38	7.97	4.1	2.445	85.0	1.9	0.4
1111	3/17/2015 02:16:11	12.94	48.13	31.34	7.38	7.97	3.8	2.375	85.1	2.8	0.7
1112	3/17/2015 02:31:11	13.07	47.88	31.16	7.37	7.97	4.2	2.313	85.1	2.1	0.5
1113	3/17/2015 02:46:11	13.23	47.63	30.99	7.42	7.98	3.4	2.249	85.8	2.1	0.5
1114	3/17/2015 03:01:11	13.24	47.74	31.06	7.44	7.98	3.5	2.198	86.1	2.0	0.5
1115	3/17/2015 03:16:11	13.27	47.63	30.99	7.45	7.98	3.4	2.152	86.2	2.3	0.5
1116	3/17/2015 03:31:11	13.33	47.75	31.08	7.40	7.98	3.5	2.121	85.8	2.2	0.5
1117	3/17/2015 03:46:11	13.38	47.59	30.96	7.36	7.98	3.2	2.120	85.4	2.4	0.6
1118	3/17/2015 04:01:11	13.33	47.63	30.99	7.40	7.97	3.2	2.109	85.7	2.4	0.6
1119	3/17/2015 04:16:11	13.27	47.61	30.97	7.38	7.97	3.4	2.139	85.5	2.5	0.6
1120	3/17/2015 04:31:11	13.27	47.80	31.11	7.37	7.97	3.7	2.166	85.4	1.9	0.4
1121	3/17/2015 04:46:11	13.25	47.55	30.93	7.40	7.97	3.7	2.224	85.6	2.1	0.5
1122	3/17/2015 05:01:11	13.19	47.71	31.04	7.38	7.96	4.2	2.287	85.4	2.1	0.5
1123	3/17/2015 05:16:11	13.15	47.47	30.87	7.39	7.96	4.9	2.350	85.3	2.2	0.5
1124	3/17/2015 05:31:11	13.08	47.82	31.12	7.39	7.97	4.5	2.427	85.2	2.3	0.5
1125	3/17/2015 05:46:11	13.03	47.83	31.13	7.39	7.97	4.3	2.500	85.3	2.0	0.5
1126	3/17/2015 06:01:11	12.93	48.10	31.32	7.43	7.97	4.2	2.575	85.5	2.4	0.6
1127	3/17/2015 06:16:11	12.78	48.24	31.41	7.53	7.99	4.3	2.648	86.5	1.8	0.4
1128	3/17/2015 06:31:11	12.63	48.33	31.48	7.70	8.01	3.9	2.731	88.2	1.6	0.4
1129	3/17/2015 06:46:11	12.58	48.48	31.58	7.73	8.01	3.8	2.809	88.5	1.7	0.4
1130	3/17/2015 07:01:11	12.54	48.65	31.70	7.76	8.02	4.0	2.884	88.8	1.8	0.4
1131	3/17/2015 07:16:11	12.50	48.53	31.61	7.78	8.02	3.9	2.973	89.0	2.4	0.6
1132	3/17/2015 07:31:11	12.41	48.74	31.76	7.85	8.03	5.6	3.057	89.7	1.7	0.4
1133	3/17/2015 07:46:11	12.30	48.87	31.85	7.92	8.05	4.6	3.139	90.4	1.7	0.4
1134	3/17/2015 08:01:11	12.23	49.04	31.97	7.99	8.06	5.9	3.225	91.0	2.8	0.7
1135	3/17/2015 08:16:11	12.06	49.15	32.04	8.19	8.09	5.9	3.310	93.1	2.4	0.6
1136	3/17/2015 08:31:11	11.96	49.30	32.14	8.33	8.10	5.4	3.397	94.5	2.2	0.5
1137	3/17/2015 08:46:11	11.88	49.43	32.23	8.40	8.12	4.7	3.469	95.3	2.1	0.5
1138	3/17/2015 09:01:11	11.85	49.29	32.13	8.47	8.12	4.8	3.538	95.8	2.6	0.6
1139	3/17/2015 09:16:11	11.79	49.43	32.23	8.57	8.13	3.2	3.600	97.0	2.8	0.6
1140	3/17/2015 09:31:11	11.74	49.39	32.20	8.64	8.15	2.9	3.641	97.6	2.6	0.6
1141	3/17/2015 09:46:11	11.72	49.64	32.38	8.59	8.15	2.4	3.682	97.2	1.9	0.4
1142	3/17/2015 10:01:11	11.71	49.59	32.34	8.56	8.15	1.5	3.702	96.8	1.5	0.4
1143	3/17/2015 10:16:11	11.81	49.50	32.28	8.46	8.13	2.6	3.688	95.8	2.4	0.6
1144	3/17/2015 10:31:11	11.76	49.66	32.39	8.54	8.14	2.7	3.673	96.6	1.6	0.4
1145	3/17/2015 10:46:11	11.77	49.49	32.28	8.55	8.14	2.9	3.619	96.7	1.9	0.4
1146	3/17/2015 11:01:11	12.34	49.11	32.02	8.39	8.10	4.1	3.546	95.9	1.1	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	Fluorescence %FS
1147	3/17/2015 11:16:11	12.49	48.97	31.93	8.28	8.09	4.2	3.460	94.8	1.7	0.4
1148	3/17/2015 11:31:11	12.51	49.11	32.03	8.21	8.09	3.7	3.361	94.2	1.0	0.2
1149	3/17/2015 11:46:11	12.58	49.04	31.98	8.27	8.08	3.6	3.255	94.9	1.4	0.3
1150	3/17/2015 12:01:11	12.77	48.85	31.86	8.10	8.06	5.0	3.146	93.3	1.2	0.3
1151	3/17/2015 12:16:11	12.98	48.47	31.58	8.07	8.05	5.0	3.037	93.2	1.5	0.4
1152	3/17/2015 12:31:11	13.09	48.58	31.67	8.05	8.05	5.8	2.929	93.2	1.5	0.4
1153	3/17/2015 12:46:11	13.15	48.61	31.69	8.16	8.06	4.4	2.805	94.6	0.9	0.2
1154	3/17/2015 13:01:11	13.24	48.52	31.64	8.17	8.06	4.7	2.694	94.9	1.1	0.2
1155	3/17/2015 13:16:11	13.42	48.37	31.53	8.16	8.05	3.9	2.576	95.1	1.7	0.4
1156	3/17/2015 13:31:11	13.57	48.28	31.47	8.14	8.04	4.0	2.448	95.1	1.4	0.3
1157	3/17/2015 13:46:11	13.78	48.16	31.39	8.02	8.03	4.2	2.316	94.1	1.5	0.3
1158	3/17/2015 14:01:11	14.02	48.15	31.39	8.07	8.04	4.7	2.190	95.1	1.3	0.3
1159	3/17/2015 14:16:11	14.16	48.04	31.31	8.11	8.03	5.1	2.055	95.8	1.8	0.4
1160	3/17/2015 14:31:11	14.25	47.83	31.16	8.14	8.03	5.2	1.913	96.3	1.6	0.4
1161	3/17/2015 14:46:11	14.48	47.84	31.18	8.24	8.04	5.4	1.781	97.9	1.9	0.4
1162	3/17/2015 15:01:11	14.57	47.77	31.13	8.27	8.04	4.8	1.648	98.4	2.2	0.5
1163	3/17/2015 15:16:11	14.62	47.69	31.07	8.29	8.04	4.2	1.536	98.7	2.1	0.5
1164	3/17/2015 15:31:11	14.76	47.59	31.01	8.36	8.05	4.3	1.424	99.8	1.5	0.4
1165	3/17/2015 15:46:11	14.90	47.58	31.00	8.41	8.05	4.7	1.343	100.7	2.2	0.5
1166	3/17/2015 16:01:11	15.00	47.56	30.98	8.44	8.06	4.5	1.286	101.3	2.6	0.6
1167	3/17/2015 16:16:11	15.14	47.46	30.92	8.46	8.06	4.9	1.247	101.7	2.6	0.6
1168	3/17/2015 16:31:11	15.14	47.63	31.04	8.46	8.06	4.6	1.247	101.8	2.6	0.6
1169	3/17/2015 16:46:11	15.02	47.47	30.92	8.45	8.06	4.1	1.300	101.4	2.5	0.6
1170	3/17/2015 17:01:11	14.92	47.55	30.98	8.39	8.05	4.0	1.340	100.5	2.3	0.5
1171	3/17/2015 17:16:11	14.91	47.59	31.00	8.37	8.05	4.2	1.426	100.2	2.8	0.6
1172	3/17/2015 17:31:11	14.85	47.57	30.99	8.34	8.04	4.0	1.501	99.7	2.4	0.6
1173	3/17/2015 17:46:11	14.93	47.26	30.77	8.20	8.03	4.5	1.596	98.1	2.8	0.6
1174	3/17/2015 18:01:11	14.88	47.40	30.87	8.17	8.02	4.6	1.681	97.7	2.0	0.5
1175	3/17/2015 18:16:11	14.82	47.28	30.78	8.11	8.02	4.3	1.762	96.8	2.5	0.6
1176	3/17/2015 18:31:11	14.80	47.34	30.82	8.08	8.02	4.7	1.862	96.3	2.3	0.5
1177	3/17/2015 18:46:11	14.64	47.43	30.88	8.08	8.02	4.3	1.951	96.1	2.1	0.5
1178	3/17/2015 19:01:11	14.44	47.65	31.04	8.02	8.01	4.2	2.051	95.1	1.8	0.4
1179	3/17/2015 19:16:11	14.01	47.96	31.25	7.91	8.01	4.0	2.147	93.2	2.1	0.5
1180	3/17/2015 19:31:11	13.88	47.98	31.26	7.90	8.01	4.2	2.245	92.8	2.4	0.6
1181	3/17/2015 19:46:11	13.71	48.15	31.38	7.90	8.01	4.2	2.350	92.6	2.5	0.6
1182	3/17/2015 20:01:11	13.67	48.21	31.42	7.90	8.01	4.7	2.449	92.4	1.7	0.4
1183	3/17/2015 20:16:11	13.62	48.24	31.44	7.91	8.01	5.0	2.552	92.5	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	Fluorescence %FS
1184	3/17/2015 20:31:11	13.50	48.33	31.50	7.91	8.01	5.5	2.644	92.3	1.9	0.5
1185	3/17/2015 20:46:11	13.41	48.28	31.47	7.91	8.02	5.7	2.744	92.1	2.5	0.6
1186	3/17/2015 21:01:11	13.31	48.22	31.42	7.96	8.03	6.6	2.836	92.4	2.2	0.5
1187	3/17/2015 21:16:11	13.19	48.49	31.61	8.03	8.04	7.5	2.929	93.2	2.1	0.5
1188	3/17/2015 21:31:11	13.03	48.67	31.73	8.13	8.06	7.3	3.019	94.1	2.6	0.6
1189	3/17/2015 21:46:11	12.79	48.90	31.89	8.34	8.09	6.7	3.110	96.1	2.6	0.6
1190	3/17/2015 22:01:11	12.64	49.24	32.13	8.46	8.11	7.0	3.191	97.4	2.5	0.6
1191	3/17/2015 22:16:11	12.55	49.18	32.09	8.54	8.12	5.5	3.285	98.0	4.0	0.9
1192	3/17/2015 22:31:11	12.47	49.35	32.21	8.60	8.13	5.1	3.350	98.7	3.1	0.7
1193	3/17/2015 22:46:11	12.40	49.30	32.16	8.65	8.14	3.6	3.403	99.1	3.1	0.7
1194	3/17/2015 23:01:11	12.33	49.44	32.26	8.62	8.14	3.0	3.456	98.6	3.2	0.7
1195	3/17/2015 23:16:11	12.27	49.53	32.33	8.57	8.14	2.4	3.481	98.0	7.1	1.7
1196	3/17/2015 23:31:11	12.51	49.33	32.20	8.36	8.11	3.2	3.484	96.0	3.1	0.7
1197	3/17/2015 23:46:11	12.34	49.43	32.26	8.49	8.13	3.1	3.462	97.2	1.9	0.4
1198	3/18/2015 00:01:11	12.34	49.49	32.30	8.50	8.13	3.4	3.420	97.3	2.6	0.6
1199	3/18/2015 00:16:11	12.46	49.34	32.19	8.43	8.12	4.1	3.351	96.7	2.8	0.7
1200	3/18/2015 00:31:11	12.54	49.05	31.99	8.28	8.10	6.2	3.262	95.0	2.5	0.6
1201	3/18/2015 00:46:11	12.58	49.07	32.00	8.33	8.10	5.2	3.153	95.7	1.7	0.4
1202	3/18/2015 01:01:11	12.70	49.02	31.97	8.17	8.08	4.9	3.063	94.0	2.2	0.5
1203	3/18/2015 01:16:11	12.93	48.55	31.64	7.97	8.05	6.3	2.981	92.0	1.7	0.4
1204	3/18/2015 01:31:11	13.07	48.57	31.66	7.79	8.02	4.9	2.864	90.2	1.4	0.3
1205	3/18/2015 01:46:11	13.13	48.42	31.56	7.78	8.02	5.6	2.771	90.1	1.9	0.4
1206	3/18/2015 02:01:11	13.21	48.18	31.39	7.70	8.01	5.0	2.668	89.2	1.5	0.4
1207	3/18/2015 02:16:11	13.27	48.30	31.47	7.67	8.00	5.1	2.579	89.0	1.8	0.4
1208	3/18/2015 02:31:11	13.38	48.21	31.41	7.66	8.00	5.3	2.494	89.2	1.7	0.4
1209	3/18/2015 02:46:11	13.19	48.25	31.44	7.73	8.01	4.7	2.372	89.6	2.1	0.5
1210	3/18/2015 03:01:11	13.25	48.14	31.35	7.76	8.01	5.1	2.284	90.0	2.7	0.6
1211	3/18/2015 03:16:11	13.51	47.85	31.16	7.76	8.01	4.8	2.203	90.3	2.2	0.5
1212	3/18/2015 03:31:11	13.53	47.80	31.12	7.74	8.01	4.5	2.108	90.1	2.3	0.5
1213	3/18/2015 03:46:11	13.59	47.73	31.07	7.70	8.01	4.5	2.024	89.8	2.0	0.5
1214	3/18/2015 04:01:11	13.76	47.54	30.94	7.73	8.01	4.6	1.958	90.4	2.6	0.6
1215	3/18/2015 04:16:11	13.80	47.56	30.96	7.69	8.01	3.9	1.906	90.0	2.2	0.5
1216	3/18/2015 04:31:11	13.88	47.57	30.97	7.72	8.02	4.0	1.878	90.4	1.8	0.4
1217	3/18/2015 04:46:11	13.93	47.53	30.94	7.68	8.01	3.3	1.844	90.2	2.5	0.6
1218	3/18/2015 05:01:11	13.85	47.54	30.94	7.70	8.01	3.6	1.857	90.2	2.3	0.5
1219	3/18/2015 05:16:11	13.82	47.56	30.96	7.70	8.01	3.9	1.898	90.1	2.2	0.5
1220	3/18/2015 05:31:11	13.83	47.61	30.99	7.65	8.00	3.9	1.928	89.6	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	Fluorescence %FS
1221	3/18/2015 05:46:11	13.81	47.60	30.99	7.67	8.00	3.7	2.001	89.8	2.3	0.5
1222	3/18/2015 06:01:11	13.69	47.29	30.76	7.64	7.99	6.4	2.087	89.1	2.4	0.6
1223	3/18/2015 06:16:11	13.65	47.26	30.73	7.61	7.99	5.7	2.176	88.6	3.9	0.9
1224	3/18/2015 06:31:11	13.68	47.64	31.01	7.63	7.99	5.6	2.254	89.0	2.9	0.7
1225	3/18/2015 06:46:11	13.60	47.78	31.11	7.62	7.99	4.9	2.334	88.8	2.3	0.5
1226	3/18/2015 07:01:11	13.36	48.06	31.30	7.68	8.00	4.8	2.430	89.2	2.1	0.5
1227	3/18/2015 07:16:11	13.17	48.32	31.49	7.76	8.02	4.6	2.510	90.0	2.0	0.5
1228	3/18/2015 07:31:11	13.08	48.46	31.58	7.81	8.03	4.3	2.606	90.4	1.5	0.3
1229	3/18/2015 07:46:11	13.05	48.45	31.57	7.84	8.03	4.4	2.698	90.7	1.9	0.4
1230	3/18/2015 08:01:11	12.99	48.41	31.54	7.88	8.03	4.6	2.779	91.0	1.8	0.4
1231	3/18/2015 08:16:11	12.92	48.69	31.74	7.90	8.04	5.3	2.871	91.2	1.5	0.3
1232	3/18/2015 08:31:11	12.83	48.76	31.79	7.94	8.05	6.1	2.965	91.5	1.7	0.4
1233	3/18/2015 08:46:11	12.76	48.74	31.78	8.00	8.06	5.7	3.054	92.0	1.7	0.4
1234	3/18/2015 09:01:11	12.54	48.98	31.94	8.13	8.08	8.0	3.157	93.3	1.6	0.4
1235	3/18/2015 09:16:11	12.38	49.13	32.04	8.23	8.09	8.0	3.250	94.2	1.9	0.5
1236	3/18/2015 09:31:11	12.23	49.31	32.17	8.31	8.11	7.5	3.350	94.8	2.6	0.6
1237	3/18/2015 09:46:11	12.11	49.50	32.30	8.39	8.12	7.2	3.440	95.6	2.3	0.5
1238	3/18/2015 10:01:11	11.95	49.64	32.39	8.47	8.13	6.8	3.518	96.2	2.6	0.6
1239	3/18/2015 10:16:11	11.90	49.60	32.36	8.52	8.14	4.3	3.586	96.7	2.5	0.6
1240	3/18/2015 10:31:11	11.87	49.70	32.43	8.51	8.15	3.5	3.647	96.6	2.5	0.6
1241	3/18/2015 10:46:11	11.86	49.76	32.48	8.48	8.15	2.9	3.708	96.3	2.6	0.6
1242	3/18/2015 11:01:11	11.85	49.77	32.48	8.48	8.15	2.3	3.729	96.2	3.8	0.9
1243	3/18/2015 11:16:11	11.92	49.70	32.43	8.43	8.14	2.9	3.725	95.8	2.4	0.6
1244	3/18/2015 11:31:11	11.94	49.59	32.36	8.42	8.14	4.2	3.710	95.7	2.2	0.5
1245	3/18/2015 11:46:11	11.91	49.73	32.45	8.46	8.14	4.3	3.654	96.0	2.5	0.6
1246	3/18/2015 12:01:11	12.35	49.33	32.18	8.54	8.14	3.7	3.589	97.7	1.9	0.5
1247	3/18/2015 12:16:11	12.56	49.41	32.25	8.57	8.13	5.0	3.493	98.6	1.6	0.4
1248	3/18/2015 12:31:11	12.73	49.37	32.23	8.48	8.12	4.4	3.391	97.8	1.5	0.4
1249	3/18/2015 12:46:11	12.84	49.22	32.12	8.49	8.12	4.3	3.266	98.1	1.6	0.4
1250	3/18/2015 13:01:11	13.10	48.79	31.83	8.33	8.09	5.7	3.153	96.6	1.6	0.4
1251	3/18/2015 13:16:11	13.18	48.85	31.87	8.34	8.09	5.6	3.040	96.9	1.3	0.3
1252	3/18/2015 13:31:11	13.39	48.71	31.77	8.37	8.09	6.4	2.917	97.6	1.6	0.4
1253	3/18/2015 13:46:11	13.67	48.43	31.58	8.31	8.07	5.3	2.787	97.3	1.6	0.4
1254	3/18/2015 14:01:11	13.60	48.61	31.71	8.44	8.10	5.0	2.665	98.9	1.7	0.4
1255	3/18/2015 14:16:11	13.68	48.77	31.83	8.44	8.10	6.5	2.533	99.0	1.3	0.3
1256	3/18/2015 14:31:11	13.97	48.42	31.59	8.42	8.08	7.0	2.392	99.3	1.6	0.4
1257	3/18/2015 14:46:11	14.17	48.41	31.58	8.36	8.07	7.4	2.267	98.9	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	Fluorescence %FS
1258	3/18/2015 15:01:11	14.31	48.21	31.44	8.38	8.07	10.1	2.135	99.4	2.0	0.5
1259	3/18/2015 15:16:11	14.45	48.09	31.36	8.40	8.07	9.2	1.990	99.9	2.0	0.5
1260	3/18/2015 15:31:11	14.67	47.98	31.28	8.46	8.07	10.2	1.840	101.0	2.4	0.6
1261	3/18/2015 15:46:11	14.75	47.92	31.24	8.47	8.07	8.6	1.705	101.2	2.1	0.5
1262	3/18/2015 16:01:11	14.75	47.88	31.22	8.48	8.07	8.0	1.570	101.3	1.7	0.4
1263	3/18/2015 16:16:11	14.81	47.90	31.22	8.51	8.07	7.8	1.453	101.8	2.3	0.5
1264	3/18/2015 16:31:11	15.03	47.79	31.15	8.57	8.08	7.7	1.355	102.9	2.4	0.6
1265	3/18/2015 16:46:11	15.02	47.75	31.13	8.54	8.08	7.0	1.247	102.6	2.5	0.6
1266	3/18/2015 17:01:11	15.11	47.71	31.10	8.60	8.08	6.7	1.213	103.4	2.2	0.5
1267	3/18/2015 17:16:11	15.22	47.61	31.03	8.55	8.09	6.1	1.202	103.0	1.9	0.4
1268	3/18/2015 17:31:11	15.24	47.65	31.06	8.63	8.09	6.4	1.218	104.0	2.5	0.6
1269	3/18/2015 17:46:11	15.15	47.71	31.10	8.59	8.08	5.6	1.262	103.4	2.5	0.6
1270	3/18/2015 18:01:11	15.14	47.68	31.07	8.59	8.08	5.5	1.341	103.4	2.6	0.6
1271	3/18/2015 18:16:11	15.14	47.57	31.00	8.61	8.08	5.6	1.448	103.5	2.8	0.7
1272	3/18/2015 18:31:11	15.12	47.25	30.76	8.47	8.07	6.2	1.533	101.7	2.9	0.7
1273	3/18/2015 18:46:11	15.13	47.35	30.84	8.43	8.06	5.7	1.631	101.3	2.8	0.7
1274	3/18/2015 19:01:11	15.08	47.37	30.85	8.37	8.06	6.2	1.729	100.5	3.0	0.7
1275	3/18/2015 19:16:11	14.95	47.62	31.03	8.37	8.06	6.0	1.836	100.3	2.6	0.6
1276	3/18/2015 19:31:11	14.88	47.68	31.07	8.34	8.05	5.3	1.941	99.9	2.9	0.7
1277	3/18/2015 19:46:11	14.65	47.79	31.14	8.26	8.05	6.7	2.040	98.5	2.3	0.5
1278	3/18/2015 20:01:11	14.42	47.90	31.22	8.18	8.04	6.2	2.161	97.1	2.5	0.6
1279	3/18/2015 20:16:11	14.11	47.99	31.28	8.12	8.04	5.9	2.264	95.8	2.4	0.6
1280	3/18/2015 20:31:11	14.03	48.25	31.46	8.14	8.04	6.5	2.357	95.9	2.1	0.5
1281	3/18/2015 20:46:11	13.98	48.36	31.54	8.16	8.04	6.4	2.479	96.2	1.9	0.5
1282	3/18/2015 21:01:11	13.85	48.28	31.48	8.17	8.05	8.2	2.583	96.0	2.3	0.5
1283	3/18/2015 21:16:11	13.76	48.35	31.53	8.17	8.05	6.5	2.694	95.9	2.2	0.5
1284	3/18/2015 21:31:11	13.65	48.30	31.49	8.19	8.06	8.4	2.807	95.9	2.3	0.5
1285	3/18/2015 21:46:11	13.49	48.54	31.65	8.24	8.07	10.5	2.907	96.2	2.5	0.6
1286	3/18/2015 22:01:11	13.24	48.78	31.82	8.30	8.08	9.7	3.007	96.5	2.6	0.6
1287	3/18/2015 22:16:11	12.96	49.03	31.99	8.39	8.10	10.0	3.117	97.2	2.6	0.6
1288	3/18/2015 22:31:11	12.81	49.34	32.21	8.45	8.11	10.9	3.220	97.6	2.5	0.6
1289	3/18/2015 22:46:11	12.76	49.32	32.20	8.45	8.11	9.6	3.314	97.6	2.7	0.6
1290	3/18/2015 23:01:11	12.70	49.44	32.28	8.45	8.12	9.7	3.405	97.4	3.3	0.8
1291	3/18/2015 23:16:11	12.54	49.53	32.34	8.54	8.13	8.9	3.483	98.2	2.7	0.6
1292	3/18/2015 23:31:11	12.43	49.56	32.36	8.58	8.14	5.1	3.537	98.5	2.5	0.6
1293	3/18/2015 23:46:11	12.34	49.62	32.39	8.64	8.14	4.8	3.596	98.9	2.3	0.5
1294	3/19/2015 00:01:11	12.29	49.76	32.50	8.57	8.14	3.1	3.614	98.1	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	Fluorescence %FS
1295	3/19/2015 00:16:11	12.50	49.47	32.29	8.44	8.12	4.2	3.606	97.0	4.1	1.0
1296	3/19/2015 00:31:11	12.48	49.62	32.40	8.44	8.13	3.9	3.588	96.9	2.4	0.6
1297	3/19/2015 00:46:11	12.41	49.60	32.39	8.49	8.13	5.2	3.520	97.4	1.8	0.4
1298	3/19/2015 01:01:11	12.83	49.07	32.02	8.23	8.10	6.1	3.431	95.1	2.2	0.5
1299	3/19/2015 01:16:11	12.67	49.30	32.18	8.36	8.11	6.8	3.332	96.3	1.9	0.5
1300	3/19/2015 01:31:11	12.75	49.12	32.05	8.34	8.10	5.9	3.226	96.2	1.9	0.5
1301	3/19/2015 01:46:11	12.87	49.16	32.08	8.23	8.09	5.4	3.115	95.1	1.7	0.4
1302	3/19/2015 02:01:11	13.06	48.94	31.93	8.15	8.08	8.5	2.995	94.5	2.9	0.7
1303	3/19/2015 02:16:11	13.12	48.89	31.90	8.11	8.07	7.5	2.894	94.1	3.2	0.8
1304	3/19/2015 02:31:11	13.27	48.73	31.79	8.01	8.06	6.0	2.773	93.2	1.8	0.4
1305	3/19/2015 02:46:11	13.35	48.69	31.76	7.93	8.05	5.7	2.664	92.4	2.2	0.5
1306	3/19/2015 03:01:11	13.50	48.50	31.62	7.93	8.05	6.1	2.534	92.6	2.1	0.5
1307	3/19/2015 03:16:11	13.35	48.61	31.70	8.00	8.06	6.0	2.421	93.2	2.1	0.5
1308	3/19/2015 03:31:11	13.36	48.61	31.70	7.99	8.06	6.2	2.320	93.1	2.0	0.5
1309	3/19/2015 03:46:11	13.85	48.03	31.30	7.88	8.04	7.3	2.187	92.5	2.2	0.5
1310	3/19/2015 04:01:11	13.66	48.24	31.44	7.87	8.04	6.8	2.065	92.1	2.5	0.6
1311	3/19/2015 04:16:11	13.61	48.17	31.39	7.83	8.04	6.2	1.962	91.5	1.6	0.4
1312	3/19/2015 04:31:11	13.80	48.11	31.35	7.80	8.03	6.4	1.859	91.5	2.7	0.6
1313	3/19/2015 04:46:11	14.03	47.91	31.22	7.77	8.03	6.2	1.769	91.5	2.0	0.5
1314	3/19/2015 05:01:11	14.13	47.83	31.16	7.77	8.03	6.2	1.680	91.7	2.2	0.5
1315	3/19/2015 05:16:11	14.18	47.87	31.19	7.75	8.03	5.7	1.619	91.5	2.3	0.5
1316	3/19/2015 05:31:11	14.31	47.68	31.06	7.76	8.03	5.0	1.587	91.8	2.1	0.5
1317	3/19/2015 05:46:11	14.37	47.70	31.08	7.71	8.03	4.2	1.565	91.4	2.4	0.6
1318	3/19/2015 06:01:11	14.32	47.69	31.06	7.73	8.03	4.5	1.587	91.5	2.6	0.6
1319	3/19/2015 06:16:11	14.33	47.55	30.96	7.79	8.03	4.4	1.624	92.2	2.3	0.5
1320	3/19/2015 06:31:11	14.34	47.62	31.01	7.82	8.03	5.1	1.690	92.6	2.4	0.6
1321	3/19/2015 06:46:11	14.30	47.54	30.96	7.83	8.03	5.1	1.775	92.5	2.4	0.6
1322	3/19/2015 07:01:11	14.14	47.23	30.72	7.75	8.02	6.7	1.876	91.2	2.9	0.7
1323	3/19/2015 07:16:11	14.07	47.22	30.72	7.74	8.02	7.3	1.986	90.9	2.8	0.6
1324	3/19/2015 07:31:11	14.06	47.37	30.82	7.75	8.02	5.9	2.088	91.1	3.0	0.7
1325	3/19/2015 07:46:11	14.02	47.64	31.02	7.75	8.02	5.9	2.189	91.2	2.1	0.5
1326	3/19/2015 08:01:11	13.75	48.05	31.31	7.85	8.03	5.7	2.301	91.9	1.9	0.4
1327	3/19/2015 08:16:11	13.64	48.21	31.42	7.88	8.04	5.6	2.396	92.2	2.0	0.5
1328	3/19/2015 08:31:11	13.56	48.33	31.50	7.91	8.04	5.3	2.506	92.5	2.4	0.6
1329	3/19/2015 08:46:11	13.49	48.45	31.59	7.94	8.04	5.5	2.605	92.7	1.4	0.3
1330	3/19/2015 09:01:11	13.38	48.52	31.64	7.96	8.05	6.8	2.702	92.8	1.9	0.4
1331	3/19/2015 09:16:11	13.28	48.54	31.65	7.99	8.05	7.4	2.812	93.0	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	Fluorescence %FS
1332	3/19/2015 09:31:11	13.22	48.58	31.68	8.01	8.06	7.8	2.911	93.1	1.6	0.4
1333	3/19/2015 09:46:11	13.01	48.88	31.89	8.10	8.07	9.4	3.020	93.8	2.4	0.6
1334	3/19/2015 10:01:11	12.83	49.04	32.00	8.17	8.08	10.4	3.117	94.3	2.5	0.6
1335	3/19/2015 10:16:11	12.62	49.19	32.10	8.29	8.10	10.6	3.221	95.4	2.4	0.6
1336	3/19/2015 10:31:11	12.43	49.32	32.18	8.38	8.11	11.5	3.326	96.0	2.2	0.5
1337	3/19/2015 10:46:11	12.24	49.52	32.32	8.48	8.13	8.6	3.417	96.9	2.8	0.7
1338	3/19/2015 11:01:11	12.17	49.47	32.28	8.54	8.14	7.7	3.511	97.4	2.1	0.5
1339	3/19/2015 11:16:11	12.16	49.60	32.37	8.55	8.14	5.6	3.579	97.6	2.6	0.6
1340	3/19/2015 11:31:11	11.99	49.72	32.45	8.56	8.14	6.2	3.656	97.4	2.7	0.6
1341	3/19/2015 11:46:11	11.95	49.72	32.45	8.54	8.14	4.1	3.701	97.1	2.6	0.6
1342	3/19/2015 12:01:11	11.91	49.79	32.50	8.46	8.14	3.6	3.725	96.2	2.2	0.5
1343	3/19/2015 12:16:11	12.11	49.58	32.36	8.44	8.13	2.9	3.736	96.3	2.4	0.6
1344	3/19/2015 12:31:11	12.06	49.66	32.41	8.45	8.14	4.7	3.701	96.2	2.0	0.5
1345	3/19/2015 12:46:11	12.06	49.73	32.46	8.47	8.14	4.8	3.644	96.5	2.1	0.5
1346	3/19/2015 13:01:11	12.40	49.38	32.23	8.52	8.14	6.1	3.569	97.6	2.3	0.5
1347	3/19/2015 13:16:11	12.71	49.50	32.33	8.63	8.15	5.3	3.457	99.6	1.9	0.4
1348	3/19/2015 13:31:11	12.92	49.29	32.18	8.58	8.14	5.4	3.333	99.3	1.5	0.4
1349	3/19/2015 13:46:11	13.25	49.24	32.16	8.51	8.12	5.3	3.218	99.2	2.2	0.5
1350	3/19/2015 14:01:11	13.46	48.92	31.93	8.45	8.11	6.8	3.106	98.8	1.7	0.4
1351	3/19/2015 14:16:11	13.60	48.72	31.79	8.52	8.11	6.7	2.957	99.8	1.8	0.4
1352	3/19/2015 14:31:11	13.64	48.94	31.95	8.53	8.11	5.8	2.824	100.1	1.5	0.4
1353	3/19/2015 14:46:11	13.84	48.81	31.87	8.47	8.10	6.1	2.710	99.7	1.8	0.4
1354	3/19/2015 15:01:11	14.05	48.60	31.72	8.50	8.10	5.3	2.559	100.5	1.8	0.4
1355	3/19/2015 15:16:11	14.07	48.81	31.87	8.61	8.11	5.9	2.416	101.9	1.7	0.4
1356	3/19/2015 15:31:11	14.48	48.33	31.53	8.49	8.09	6.3	2.295	101.1	2.3	0.5
1357	3/19/2015 15:46:11	14.63	48.27	31.49	8.51	8.10	5.7	2.145	101.6	2.2	0.5
1358	3/19/2015 16:01:11	14.81	48.04	31.33	8.51	8.09	6.1	2.010	101.9	2.5	0.6
1359	3/19/2015 16:16:11	14.96	48.09	31.37	8.53	8.09	6.3	1.860	102.4	2.1	0.5
1360	3/19/2015 16:31:11	15.06	48.05	31.34	8.60	8.10	5.9	1.716	103.5	2.7	0.6
1361	3/19/2015 16:46:11	15.14	47.93	31.26	8.60	8.10	5.7	1.579	103.6	2.3	0.5
1362	3/19/2015 17:01:11	15.20	47.77	31.14	8.65	8.10	4.7	1.455	104.2	2.6	0.6
1363	3/19/2015 17:16:11	15.19	47.96	31.28	8.64	8.10	4.9	1.325	104.2	2.8	0.7
1364	3/19/2015 17:31:11	15.34	47.86	31.21	8.72	8.11	5.0	1.236	105.4	2.4	0.6
1365	3/19/2015 17:46:11	15.51	47.77	31.15	8.82	8.12	5.1	1.179	107.0	2.5	0.6
1366	3/19/2015 18:01:11	15.67	47.54	30.99	8.90	8.13	4.5	1.146	108.2	3.4	0.8
1367	3/19/2015 18:16:11	15.55	47.67	31.07	8.82	8.12	4.5	1.179	107.0	3.0	0.7
1368	3/19/2015 18:31:11	15.47	47.58	31.01	8.84	8.11	4.3	1.227	107.0	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	Fluorescence %FS
1369	3/19/2015 18:46:11	15.49	47.62	31.04	8.81	8.11	4.3	1.327	106.7	2.7	0.6
1370	3/19/2015 19:01:11	15.42	47.70	31.09	8.73	8.10	4.3	1.432	105.6	3.0	0.7
1371	3/19/2015 19:16:11	15.54	47.14	30.69	8.33	8.07	7.3	1.518	100.8	3.7	0.9
1372	3/19/2015 19:31:11	15.51	47.22	30.75	8.33	8.07	5.9	1.627	100.8	3.3	0.8
1373	3/19/2015 19:46:11	15.34	47.53	30.97	8.40	8.07	5.4	1.742	101.4	3.0	0.7
1374	3/19/2015 20:01:11	15.25	47.65	31.06	8.41	8.07	5.1	1.851	101.4	3.1	0.7
1375	3/19/2015 20:16:11	15.08	47.82	31.18	8.39	8.07	5.3	1.955	100.8	3.2	0.7
1376	3/19/2015 20:31:11	14.78	48.01	31.31	8.29	8.07	5.2	2.072	99.2	2.6	0.6
1377	3/19/2015 20:46:11	14.52	48.07	31.35	8.23	8.06	5.6	2.179	98.0	2.7	0.6
1378	3/19/2015 21:01:11	14.40	48.23	31.46	8.21	8.06	5.6	2.299	97.6	2.5	0.6
1379	3/19/2015 21:16:11	14.29	48.23	31.46	8.24	8.06	7.2	2.411	97.7	1.9	0.4
1380	3/19/2015 21:31:11	14.17	48.27	31.48	8.25	8.07	6.8	2.534	97.6	2.3	0.5
1381	3/19/2015 21:46:11	14.05	48.35	31.54	8.22	8.07	8.1	2.642	97.1	2.0	0.5
1382	3/19/2015 22:01:11	13.92	48.49	31.63	8.23	8.07	8.9	2.760	96.9	2.3	0.5
1383	3/19/2015 22:16:11	13.70	48.54	31.66	8.28	8.08	10.4	2.877	97.2	2.6	0.6
1384	3/19/2015 22:31:11	13.34	48.85	31.88	8.33	8.09	10.7	2.984	97.2	2.4	0.6
1385	3/19/2015 22:46:11	13.02	48.89	31.90	8.37	8.10	10.5	3.108	96.9	2.5	0.6
1386	3/19/2015 23:01:11	12.80	49.17	32.08	8.41	8.11	12.1	3.217	97.1	2.7	0.6
1387	3/19/2015 23:16:11	12.72	49.42	32.27	8.40	8.11	12.3	3.325	96.9	3.1	0.7
1388	3/19/2015 23:31:11	12.51	49.60	32.39	8.44	8.12	12.3	3.428	97.1	2.9	0.7
1389	3/19/2015 23:46:11	12.27	49.69	32.44	8.52	8.13	10.9	3.526	97.5	3.5	0.8
1390	3/20/2015 00:01:11	12.13	49.64	32.40	8.56	8.14	7.4	3.610	97.6	3.4	0.8
1391	3/20/2015 00:16:11	12.00	49.78	32.49	8.57	8.14	5.1	3.668	97.5	2.3	0.5
1392	3/20/2015 00:31:11	11.91	49.85	32.54	8.52	8.14	3.7	3.729	96.8	5.5	1.3
1393	3/20/2015 00:46:11	11.87	49.92	32.59	8.44	8.14	3.0	3.749	95.9	1.6	0.4
1394	3/20/2015 01:01:11	12.02	49.69	32.43	8.36	8.13	3.9	3.737	95.2	1.9	0.5
1395	3/20/2015 01:16:11	12.06	49.82	32.53	8.39	8.13	4.8	3.713	95.6	1.7	0.4
1396	3/20/2015 01:31:11	12.16	49.67	32.42	8.39	8.13	5.3	3.639	95.7	2.9	0.7
1397	3/20/2015 01:46:11	12.54	49.42	32.26	8.33	8.12	6.4	3.542	95.7	2.0	0.5
1398	3/20/2015 02:01:11	12.69	49.30	32.18	8.28	8.12	5.7	3.434	95.5	1.9	0.4
1399	3/20/2015 02:16:11	12.64	49.31	32.18	8.31	8.11	5.9	3.310	95.6	1.9	0.5
1400	3/20/2015 02:31:11	12.98	49.17	32.10	8.16	8.10	10.6	3.188	94.6	2.2	0.5
1401	3/20/2015 02:46:11	13.00	48.94	31.93	8.17	8.10	9.7	3.069	94.7	2.5	0.6
1402	3/20/2015 03:01:11	13.10	49.05	32.01	8.13	8.09	8.9	2.943	94.4	2.0	0.5
1403	3/20/2015 03:16:11	13.23	48.97	31.96	8.10	8.08	9.1	2.805	94.2	2.2	0.5
1404	3/20/2015 03:31:11	13.39	48.87	31.89	8.03	8.07	6.0	2.672	93.8	2.3	0.5
1405	3/20/2015 03:46:11	13.19	48.95	31.94	8.11	8.08	6.8	2.548	94.2	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	Fluorescence %FS
1406	3/20/2015 04:01:11	13.38	48.69	31.76	8.11	8.08	6.2	2.412	94.6	2.1	0.5
1407	3/20/2015 04:16:11	13.40	48.79	31.83	8.04	8.07	6.4	2.285	93.8	2.3	0.5
1408	3/20/2015 04:31:11	13.91	48.26	31.47	7.91	8.06	6.8	2.141	93.1	2.2	0.5
1409	3/20/2015 04:46:11	13.75	48.36	31.53	7.92	8.06	7.8	2.023	92.9	2.5	0.6
1410	3/20/2015 05:01:11	14.03	48.12	31.36	7.92	8.05	7.7	1.889	93.3	2.1	0.5
1411	3/20/2015 05:16:11	13.86	48.26	31.46	7.86	8.05	7.5	1.751	92.4	2.3	0.5
1412	3/20/2015 05:31:11	14.20	48.07	31.34	7.82	8.05	6.7	1.635	92.4	2.1	0.5
1413	3/20/2015 05:46:11	14.24	47.98	31.27	7.80	8.04	6.4	1.531	92.3	2.4	0.6
1414	3/20/2015 06:01:11	14.33	47.95	31.26	7.80	8.04	6.0	1.442	92.5	2.4	0.6
1415	3/20/2015 06:16:11	14.43	47.80	31.15	7.82	8.04	5.8	1.376	92.8	2.7	0.6
1416	3/20/2015 06:31:11	14.51	47.79	31.14	7.81	8.04	5.3	1.364	92.8	2.7	0.6
1417	3/20/2015 06:46:11	14.41	47.74	31.10	7.79	8.04	5.0	1.365	92.4	2.3	0.5
1418	3/20/2015 07:01:11	14.52	47.80	31.15	7.85	8.04	4.5	1.423	93.3	2.6	0.6
1419	3/20/2015 07:16:11	14.57	47.55	30.97	7.85	8.04	5.0	1.492	93.2	2.5	0.6
1420	3/20/2015 07:31:11	14.56	47.60	31.00	7.89	8.04	4.6	1.581	93.7	2.1	0.5
1421	3/20/2015 07:46:11	14.46	47.53	30.95	7.83	8.04	5.9	1.717	92.8	2.4	0.6
1422	3/20/2015 08:01:11	14.34	47.47	30.91	7.74	8.03	7.5	1.808	91.5	2.2	0.5
1423	3/20/2015 08:16:11	14.30	47.75	31.10	7.76	8.03	6.2	1.929	91.8	2.5	0.6
1424	3/20/2015 08:31:11	14.28	47.68	31.05	7.77	8.03	5.9	2.050	91.9	2.0	0.5
1425	3/20/2015 08:46:11	14.05	47.98	31.27	7.85	8.04	6.5	2.144	92.5	2.0	0.5
1426	3/20/2015 09:01:11	13.93	48.18	31.40	7.87	8.05	6.1	2.267	92.6	2.2	0.5
1427	3/20/2015 09:16:11	13.83	48.36	31.53	7.93	8.05	5.2	2.376	93.1	1.6	0.4
1428	3/20/2015 09:31:11	13.75	48.43	31.58	7.94	8.05	5.7	2.480	93.1	1.7	0.4
1429	3/20/2015 09:46:11	13.63	48.55	31.67	7.93	8.05	6.9	2.587	92.9	2.0	0.5
1430	3/20/2015 10:01:11	13.49	48.48	31.61	7.99	8.06	6.9	2.694	93.3	1.9	0.5
1431	3/20/2015 10:16:11	13.42	48.60	31.69	8.04	8.07	7.7	2.799	93.8	2.0	0.5
1432	3/20/2015 10:31:11	13.16	48.76	31.80	8.07	8.07	10.6	2.909	93.7	1.5	0.3
1433	3/20/2015 10:46:11	12.96	49.09	32.04	8.07	8.08	10.5	3.018	93.5	2.0	0.5
1434	3/20/2015 11:01:11	12.62	49.32	32.19	8.13	8.09	10.6	3.123	93.5	2.1	0.5
1435	3/20/2015 11:16:11	12.41	49.21	32.10	8.15	8.10	10.9	3.244	93.4	2.7	0.6
1436	3/20/2015 11:31:11	12.26	49.35	32.20	8.17	8.10	11.2	3.342	93.3	2.5	0.6
1437	3/20/2015 11:46:11	12.16	49.59	32.37	8.16	8.10	10.2	3.460	93.2	2.2	0.5
1438	3/20/2015 12:01:11	12.04	49.79	32.50	8.21	8.11	9.0	3.546	93.5	2.1	0.5
1439	3/20/2015 12:16:11	11.94	49.76	32.48	8.25	8.11	6.5	3.615	93.8	1.9	0.4
1440	3/20/2015 12:31:11	11.80	49.85	32.54	8.26	8.11	5.6	3.683	93.7	2.3	0.5
1441	3/20/2015 12:46:11	11.74	49.77	32.48	8.26	8.11	4.4	3.727	93.5	2.5	0.6
1442	3/20/2015 13:01:11	12.06	49.41	32.23	8.24	8.11	4.5	3.725	93.8	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	Fluorescence %FS
1443	3/20/2015 13:16:11	12.00	49.77	32.49	8.11	8.10	4.5	3.748	92.4	1.8	0.4
1444	3/20/2015 13:31:11	12.00	49.57	32.34	8.16	8.11	5.2	3.704	92.8	1.9	0.5
1445	3/20/2015 13:46:11	11.93	49.70	32.44	8.20	8.11	5.3	3.633	93.2	1.9	0.4
	Mean	12.63	48.27	31.43	8.09	8.05	4.30	2.59	92.66	2.27	0.53
	Minimum	10.86	45.77	29.65	7.25	7.96	1.20	1.15	83.50	0.90	0.20
	Maximum	15.67	49.92	32.59	9.46	8.17	12.30	3.75	109.70	7.10	1.70

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

Daylight Savings Began 3/8/15 @ 2:00 am

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 #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
0	3/20/2015 14:15:51	12.73	48.90	31.89	8.30	8.09	63.7	3.286	95.5	4.1	1.0
1	3/20/2015 14:30:51	12.89	49.17	32.09	8.97	8.16	5.3	3.401	103.7	2.3	0.6
2	3/20/2015 14:45:51	12.98	49.06	32.02	8.97	8.16	7.5	3.295	103.8	1.7	0.4
3	3/20/2015 15:00:51	13.24	49.09	32.05	8.98	8.17	7.3	3.152	104.6	1.7	0.4
4	3/20/2015 15:15:51	13.44	48.98	31.97	8.98	8.17	7.1	3.004	105.0	1.6	0.4
5	3/20/2015 15:30:51	13.71	48.79	31.85	8.98	8.16	6.9	2.883	105.5	1.8	0.4
6	3/20/2015 15:45:51	13.53	49.07	32.04	8.99	8.17	5.3	2.768	105.3	2.3	0.5
7	3/20/2015 16:00:51	13.77	48.68	31.76	8.97	8.16	5.7	2.632	105.4	1.7	0.4
8	3/20/2015 16:15:51	13.89	48.62	31.73	8.96	8.17	5.3	2.485	105.5	1.9	0.4
9	3/20/2015 16:30:51	13.99	48.60	31.71	8.95	8.17	4.9	2.357	105.7	2.0	0.5
10	3/20/2015 16:45:51	14.19	48.56	31.69	9.01	8.17	6.1	2.214	106.8	2.1	0.5
11	3/20/2015 17:00:51	14.30	48.51	31.66	9.03	8.17	5.5	2.085	107.3	2.8	0.7
12	3/20/2015 17:15:51	14.56	48.35	31.55	9.04	8.16	7.6	1.910	107.9	2.7	0.6
13	3/20/2015 17:30:51	14.60	48.38	31.57	9.10	8.18	7.6	1.793	108.6	2.2	0.5
14	3/20/2015 17:45:51	14.70	48.17	31.42	9.09	8.17	5.8	1.682	108.6	2.4	0.6
15	3/20/2015 18:00:51	14.85	48.21	31.45	9.08	8.17	5.0	1.547	108.9	3.0	0.7
16	3/20/2015 18:15:51	14.97	48.15	31.42	9.13	8.17	4.5	1.457	109.7	2.4	0.6
17	3/20/2015 18:30:51	15.10	47.96	31.28	9.23	8.18	4.8	1.385	111.1	3.3	0.8
18	3/20/2015 18:45:51	15.16	47.79	31.16	9.31	8.18	4.2	1.360	112.1	3.0	0.7
19	3/20/2015 19:00:51	15.06	47.95	31.27	9.22	8.17	4.3	1.364	110.9	2.3	0.6
20	3/20/2015 19:15:51	15.10	47.87	31.21	9.28	8.18	4.7	1.400	111.6	3.3	0.8
21	3/20/2015 19:30:51	15.10	47.84	31.19	9.21	8.17	6.1	1.480	110.9	4.1	1.0
22	3/20/2015 19:45:50	15.07	47.85	31.20	9.12	8.16	8.3	1.582	109.7	3.9	0.9
23	3/20/2015 20:00:51	15.03	47.45	30.91	8.90	8.14	12.9	1.695	106.7	3.5	0.8
24	3/20/2015 20:15:51	15.01	47.69	31.08	8.88	8.14	7.9	1.802	106.6	4.1	1.0
25	3/20/2015 20:30:51	14.92	47.80	31.16	8.87	8.14	7.1	1.933	106.4	4.2	1.0
26	3/20/2015 20:45:51	14.90	47.98	31.29	8.85	8.14	5.9	2.039	106.1	3.3	0.8
27	3/20/2015 21:00:51	14.70	48.20	31.44	8.84	8.14	5.9	2.150	105.6	2.6	0.6
28	3/20/2015 21:15:51	14.41	48.30	31.51	8.77	8.14	6.3	2.275	104.2	3.2	0.8
29	3/20/2015 21:30:51	14.23	48.47	31.63	8.73	8.14	5.4	2.386	103.5	2.7	0.6
30	3/20/2015 21:45:51	14.14	48.59	31.71	8.72	8.14	6.4	2.491	103.3	2.6	0.6
31	3/20/2015 22:00:51	14.03	48.60	31.72	8.72	8.14	6.6	2.612	103.0	1.7	0.4
32	3/20/2015 22:15:51	13.89	48.66	31.76	8.70	8.14	7.3	2.721	102.6	2.4	0.6
33	3/20/2015 22:30:51	13.78	48.80	31.85	8.69	8.15	9.2	2.832	102.3	2.7	0.6
34	3/20/2015 22:45:51	13.56	48.82	31.86	8.69	8.15	10.0	2.943	101.8	2.6	0.6
35	3/20/2015 23:00:51	13.30	49.14	32.09	8.70	8.15	10.0	3.061	101.5	2.6	0.6
36	3/20/2015 23:15:51	12.88	49.39	32.25	8.71	8.16	10.9	3.178	100.9	2.1	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
37	3/20/2015 23:30:51	12.62	49.57	32.37	8.70	8.16	11.9	3.294	100.3	2.5	0.6
38	3/20/2015 23:45:51	12.43	49.71	32.47	8.70	8.17	16.2	3.416	99.9	2.2	0.5
39	3/21/2015 00:00:52	12.29	49.78	32.51	8.67	8.17	12.7	3.535	99.3	2.4	0.6
40	3/21/2015 00:15:51	12.14	49.86	32.56	8.67	8.17	11.9	3.637	99.0	1.7	0.4
41	3/21/2015 00:30:51	11.91	49.96	32.62	8.78	8.18	10.8	3.726	99.8	2.6	0.6
42	3/21/2015 00:45:52	11.79	49.95	32.61	8.77	8.19	6.5	3.811	99.5	1.9	0.4
43	3/21/2015 01:00:51	11.71	49.88	32.56	8.72	8.19	6.4	3.874	98.7	1.7	0.4
44	3/21/2015 01:15:51	11.65	49.93	32.59	8.71	8.19	4.7	3.920	98.5	2.5	0.6
45	3/21/2015 01:30:51	11.65	49.92	32.58	8.59	8.18	3.0	3.939	97.1	1.1	0.2
46	3/21/2015 01:45:51	11.96	49.82	32.52	8.60	8.17	4.8	3.924	97.8	2.5	0.6
47	3/21/2015 02:00:51	12.10	49.82	32.53	8.62	8.17	6.4	3.882	98.3	2.7	0.6
48	3/21/2015 02:15:52	12.16	49.79	32.51	8.55	8.17	5.7	3.817	97.6	1.7	0.4
49	3/21/2015 02:30:52	12.19	49.78	32.50	8.54	8.17	5.9	3.719	97.6	2.6	0.6
50	3/21/2015 02:45:51	12.21	49.70	32.45	8.59	8.17	5.9	3.603	98.2	2.5	0.6
51	3/21/2015 03:00:52	12.65	49.55	32.36	8.46	8.16	5.4	3.472	97.5	4.6	1.1
52	3/21/2015 03:15:52	12.82	49.41	32.26	8.38	8.15	11.1	3.348	96.9	1.5	0.4
53	3/21/2015 03:30:51	12.85	49.36	32.23	8.43	8.15	9.2	3.224	97.5	2.8	0.7
54	3/21/2015 03:45:52	13.02	49.25	32.15	8.42	8.15	7.9	3.071	97.7	2.6	0.6
55	3/21/2015 04:00:52	13.15	49.23	32.14	8.34	8.14	7.9	2.945	97.0	2.1	0.5
56	3/21/2015 04:15:52	13.38	49.11	32.06	8.29	8.14	7.6	2.797	96.9	3.6	0.9
57	3/21/2015 04:30:51	13.02	49.24	32.14	8.33	8.14	7.9	2.662	96.6	2.3	0.5
58	3/21/2015 04:45:52	13.37	48.95	31.95	8.33	8.14	7.6	2.521	97.2	2.2	0.5
59	3/21/2015 05:00:52	13.29	48.96	31.95	8.32	8.13	7.5	2.377	96.9	1.8	0.4
60	3/21/2015 05:15:51	13.64	48.75	31.81	8.20	8.13	7.8	2.234	96.2	1.8	0.4
61	3/21/2015 05:30:51	13.82	48.56	31.68	8.22	8.12	8.6	2.080	96.6	1.9	0.4
62	3/21/2015 05:45:51	14.14	48.27	31.48	8.23	8.12	8.3	1.943	97.3	2.7	0.6
63	3/21/2015 06:00:51	13.77	48.48	31.62	8.16	8.11	8.6	1.795	95.9	1.3	0.3
64	3/21/2015 06:15:51	14.21	48.11	31.36	8.18	8.11	8.0	1.661	96.7	2.8	0.7
65	3/21/2015 06:30:51	14.25	48.19	31.42	8.15	8.11	7.4	1.546	96.5	2.3	0.6
66	3/21/2015 06:45:51	14.30	48.04	31.32	8.13	8.11	7.6	1.438	96.4	3.4	0.8
67	3/21/2015 07:00:51	14.42	47.90	31.22	8.10	8.11	7.8	1.350	96.2	2.6	0.6
68	3/21/2015 07:15:51	14.47	47.85	31.19	8.05	8.11	6.7	1.313	95.6	2.4	0.6
69	3/21/2015 07:30:52	14.35	47.96	31.26	8.02	8.10	10.3	1.323	95.1	2.5	0.6
70	3/21/2015 07:45:51	14.40	47.87	31.20	8.07	8.11	6.4	1.348	95.8	2.2	0.5
71	3/21/2015 08:00:51	14.39	47.96	31.26	8.12	8.11	5.1	1.429	96.3	2.1	0.5
72	3/21/2015 08:15:51	14.42	48.02	31.31	8.17	8.11	5.9	1.535	97.1	2.3	0.5
73	3/21/2015 08:30:51	14.32	47.75	31.11	8.14	8.10	7.5	1.636	96.4	2.6	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
74	3/21/2015 08:45:51	14.24	47.58	30.98	8.10	8.09	8.9	1.743	95.6	2.9	0.7
75	3/21/2015 09:00:51	14.25	47.88	31.20	8.14	8.10	7.4	1.859	96.3	2.3	0.6
76	3/21/2015 09:15:51	14.23	47.95	31.25	8.14	8.10	7.0	1.985	96.3	3.2	0.8
77	3/21/2015 09:30:52	14.19	48.13	31.38	8.16	8.10	6.5	2.079	96.5	2.3	0.5
78	3/21/2015 09:45:52	13.97	48.41	31.58	8.17	8.11	6.4	2.195	96.3	1.7	0.4
79	3/21/2015 10:00:51	13.89	48.44	31.59	8.24	8.11	5.8	2.316	96.9	2.4	0.6
80	3/21/2015 10:15:51	13.84	48.56	31.68	8.28	8.12	5.6	2.425	97.5	2.7	0.6
81	3/21/2015 10:30:51	13.81	48.64	31.74	8.30	8.11	6.4	2.535	97.6	2.1	0.5
82	3/21/2015 10:45:51	13.67	48.82	31.86	8.32	8.12	8.1	2.645	97.6	1.9	0.4
83	3/21/2015 11:00:52	13.57	48.95	31.96	8.33	8.12	8.1	2.756	97.6	2.1	0.5
84	3/21/2015 11:15:52	13.46	48.98	31.97	8.31	8.13	9.5	2.856	97.2	2.1	0.5
85	3/21/2015 11:30:52	13.22	49.02	32.00	8.37	8.13	11.0	2.962	97.4	2.0	0.5
86	3/21/2015 11:45:52	13.02	49.16	32.09	8.37	8.13	12.4	3.072	97.1	2.1	0.5
87	3/21/2015 12:00:52	12.68	49.41	32.26	8.39	8.14	14.0	3.178	96.7	2.5	0.6
88	3/21/2015 12:15:52	12.52	49.43	32.26	8.40	8.14	14.2	3.280	96.5	2.0	0.5
89	3/21/2015 12:30:51	12.33	49.55	32.34	8.44	8.15	13.6	3.388	96.7	2.3	0.5
90	3/21/2015 12:45:51	12.23	49.57	32.35	8.49	8.15	13.4	3.482	97.0	2.8	0.7
91	3/21/2015 13:00:52	12.13	49.70	32.45	8.55	8.16	12.2	3.578	97.5	2.0	0.5
92	3/21/2015 13:15:52	12.04	49.81	32.52	8.57	8.17	9.2	3.650	97.7	2.4	0.6
93	3/21/2015 13:30:52	11.98	49.79	32.50	8.61	8.17	6.9	3.708	97.9	1.1	0.3
94	3/21/2015 13:45:52	11.94	49.83	32.53	8.63	8.18	5.9	3.754	98.1	1.8	0.4
95	3/21/2015 14:00:51	11.94	49.74	32.46	8.56	8.17	3.9	3.775	97.3	3.2	0.8
96	3/21/2015 14:15:52	12.18	49.72	32.46	8.53	8.16	6.3	3.762	97.4	8.4	2.0
97	3/21/2015 14:30:52	12.08	49.81	32.52	8.56	8.17	5.4	3.716	97.5	2.1	0.5
98	3/21/2015 14:45:52	12.08	49.81	32.52	8.58	8.17	6.0	3.646	97.8	3.5	0.8
99	3/21/2015 15:00:52	12.90	49.52	32.34	8.54	8.16	7.6	3.547	98.9	2.1	0.5
100	3/21/2015 15:15:51	12.73	49.62	32.41	8.60	8.16	7.3	3.439	99.3	2.2	0.5
101	3/21/2015 15:30:52	13.11	49.51	32.35	8.59	8.16	6.2	3.303	99.9	1.0	0.2
102	3/21/2015 15:45:52	13.54	49.26	32.18	8.60	8.16	6.6	3.183	100.8	2.8	0.7
103	3/21/2015 16:00:51	13.70	49.13	32.09	8.65	8.16	8.9	3.060	101.8	0.8	0.2
104	3/21/2015 16:15:51	13.87	49.03	32.02	8.70	8.16	9.3	2.934	102.7	1.4	0.3
105	3/21/2015 16:30:51	13.98	49.10	32.08	8.81	8.16	5.6	2.806	104.2	2.1	0.5
106	3/21/2015 16:45:51	14.37	48.76	31.85	8.83	8.16	6.8	2.685	105.1	2.2	0.5
107	3/21/2015 17:00:51	14.47	48.72	31.81	8.85	8.16	5.5	2.550	105.6	2.2	0.5
108	3/21/2015 17:15:51	14.50	48.82	31.89	8.91	8.16	5.9	2.424	106.3	2.3	0.5
109	3/21/2015 17:30:51	14.62	48.66	31.77	9.02	8.17	5.4	2.299	107.9	1.8	0.4
110	3/21/2015 17:45:51	14.87	48.54	31.69	9.05	8.17	4.9	2.165	108.7	2.2	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
111	3/21/2015 18:00:51	15.11	48.39	31.59	9.10	8.17	5.4	2.022	109.8	2.8	0.7
112	3/21/2015 18:15:51	15.12	48.45	31.63	9.15	8.18	5.5	1.911	110.4	2.7	0.7
113	3/21/2015 18:30:51	15.21	48.44	31.63	9.19	8.18	5.3	1.799	111.1	2.7	0.6
114	3/21/2015 18:45:51	15.39	48.25	31.49	9.24	8.18	5.6	1.679	112.0	2.4	0.6
115	3/21/2015 19:00:51	15.41	48.28	31.52	9.23	8.18	5.1	1.613	111.9	3.0	0.7
116	3/21/2015 19:15:51	15.51	48.15	31.43	9.24	8.18	5.0	1.548	112.2	2.3	0.6
117	3/21/2015 19:30:51	15.63	48.13	31.41	9.31	8.18	4.0	1.516	113.4	2.7	0.6
118	3/21/2015 19:45:51	15.48	48.14	31.41	9.26	8.18	4.5	1.522	112.4	3.0	0.7
119	3/21/2015 20:00:51	15.57	48.15	31.43	9.31	8.18	4.1	1.549	113.3	2.7	0.6
120	3/21/2015 20:15:51	15.55	48.10	31.39	9.28	8.17	4.8	1.627	112.8	2.2	0.5
121	3/21/2015 20:30:51	15.60	48.10	31.39	9.25	8.17	5.0	1.729	112.6	3.3	0.8
122	3/21/2015 20:45:51	15.85	47.63	31.05	8.96	8.14	8.2	1.823	109.3	3.4	0.8
123	3/21/2015 21:00:51	15.85	47.75	31.14	8.90	8.13	7.2	1.951	108.7	3.0	0.7
124	3/21/2015 21:15:51	15.57	48.03	31.34	9.02	8.15	5.9	2.064	109.6	3.7	0.9
125	3/21/2015 21:30:51	15.44	48.08	31.38	9.01	8.15	6.0	2.179	109.2	3.5	0.8
126	3/21/2015 21:45:51	14.96	48.40	31.60	8.87	8.14	5.7	2.292	106.7	2.6	0.6
127	3/21/2015 22:00:51	14.63	48.51	31.67	8.73	8.13	6.2	2.396	104.4	2.5	0.6
128	3/21/2015 22:15:51	14.45	48.67	31.78	8.73	8.13	6.1	2.507	104.0	1.9	0.5
129	3/21/2015 22:30:51	14.32	48.82	31.88	8.70	8.13	7.0	2.619	103.5	2.1	0.5
130	3/21/2015 22:45:51	14.16	48.91	31.95	8.70	8.13	8.8	2.723	103.2	2.3	0.5
131	3/21/2015 23:00:51	14.03	48.87	31.91	8.68	8.13	8.1	2.830	102.7	2.0	0.5
132	3/21/2015 23:15:51	13.85	49.00	32.00	8.70	8.14	9.9	2.947	102.5	2.1	0.5
133	3/21/2015 23:30:51	13.55	49.13	32.08	8.73	8.14	12.2	3.060	102.3	2.6	0.6
134	3/21/2015 23:45:52	13.21	49.37	32.25	8.76	8.15	13.4	3.177	102.1	2.8	0.7
135	3/22/2015 00:00:52	12.91	49.49	32.33	8.76	8.16	11.9	3.304	101.5	2.7	0.6
136	3/22/2015 00:15:52	12.69	49.64	32.42	8.78	8.17	13.9	3.424	101.4	3.6	0.9
137	3/22/2015 00:30:52	12.55	49.72	32.48	8.83	8.18	12.3	3.547	101.7	3.6	0.9
138	3/22/2015 00:45:52	12.43	49.75	32.50	8.90	8.19	12.4	3.661	102.2	2.7	0.6
139	3/22/2015 01:00:51	12.27	49.76	32.50	8.99	8.20	9.8	3.763	102.9	3.5	0.8
140	3/22/2015 01:15:52	12.12	49.89	32.58	9.02	8.20	8.6	3.849	103.0	3.2	0.8
141	3/22/2015 01:30:52	11.96	49.88	32.57	8.98	8.20	6.2	3.921	102.1	3.1	0.7
142	3/22/2015 01:45:52	11.85	49.93	32.59	8.97	8.20	5.6	3.969	101.8	4.9	1.2
143	3/22/2015 02:00:52	11.83	49.97	32.63	8.88	8.20	4.3	4.006	100.8	5.8	1.4
144	3/22/2015 02:15:52	12.40	49.71	32.46	8.71	8.18	5.1	4.006	99.9	2.4	0.6
145	3/22/2015 02:30:52	12.61	49.60	32.39	8.66	8.17	5.1	3.991	99.8	3.0	0.7
146	3/22/2015 02:45:52	12.02	49.87	32.57	8.82	8.19	6.3	3.931	100.5	2.6	0.6
147	3/22/2015 03:00:52	12.46	49.68	32.45	8.69	8.18	5.9	3.855	99.9	2.1	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
148	3/22/2015 03:15:52	12.48	49.61	32.39	8.80	8.19	5.7	3.758	101.2	2.6	0.6
149	3/22/2015 03:30:52	12.87	49.48	32.31	8.64	8.17	4.8	3.636	100.0	2.9	0.7
150	3/22/2015 03:45:52	13.01	49.40	32.26	8.54	8.16	8.2	3.529	99.1	2.2	0.5
151	3/22/2015 04:00:52	13.06	49.31	32.20	8.53	8.15	11.3	3.383	99.1	2.2	0.5
152	3/22/2015 04:15:52	13.16	49.17	32.10	8.47	8.15	9.9	3.250	98.5	2.4	0.6
153	3/22/2015 04:30:52	13.35	49.16	32.10	8.42	8.14	10.3	3.111	98.4	2.1	0.5
154	3/22/2015 04:45:51	13.40	49.00	31.99	8.45	8.14	7.9	2.983	98.7	1.3	0.3
155	3/22/2015 05:00:52	13.52	48.98	31.98	8.46	8.14	10.8	2.848	99.0	2.4	0.6
156	3/22/2015 05:15:52	13.60	48.89	31.92	8.43	8.14	9.6	2.686	98.9	3.3	0.8
157	3/22/2015 05:30:52	13.81	48.82	31.87	8.35	8.13	8.5	2.560	98.2	2.0	0.5
158	3/22/2015 05:45:52	14.05	48.56	31.69	8.29	8.13	8.7	2.412	98.0	2.1	0.5
159	3/22/2015 06:00:52	14.44	48.45	31.62	8.24	8.12	8.9	2.258	98.1	2.7	0.6
160	3/22/2015 06:15:52	14.33	48.52	31.67	8.25	8.12	10.8	2.107	98.1	2.6	0.6
161	3/22/2015 06:30:51	14.41	48.54	31.68	8.19	8.12	8.4	1.967	97.5	2.4	0.6
162	3/22/2015 06:45:52	14.67	48.34	31.54	8.19	8.11	7.9	1.820	97.9	3.2	0.8
163	3/22/2015 07:00:51	14.54	48.33	31.53	8.15	8.11	8.6	1.669	97.1	2.5	0.6
164	3/22/2015 07:15:51	14.77	48.23	31.47	8.20	8.11	7.3	1.540	98.1	2.5	0.6
165	3/22/2015 07:30:51	14.85	48.04	31.33	8.18	8.10	6.8	1.441	98.0	2.2	0.5
166	3/22/2015 07:45:51	14.98	48.08	31.36	8.15	8.10	6.2	1.334	97.9	3.0	0.7
167	3/22/2015 08:00:51	15.03	47.96	31.27	8.14	8.10	6.4	1.274	97.8	2.7	0.6
168	3/22/2015 08:15:51	15.06	47.86	31.21	8.12	8.10	6.2	1.267	97.6	2.4	0.6
169	3/22/2015 08:30:51	15.05	48.00	31.30	8.14	8.10	5.4	1.289	97.8	2.8	0.7
170	3/22/2015 08:45:51	15.04	47.93	31.25	8.17	8.10	4.8	1.344	98.2	2.1	0.5
171	3/22/2015 09:00:51	15.14	47.93	31.26	8.24	8.11	5.1	1.447	99.2	2.1	0.5
172	3/22/2015 09:15:51	15.08	47.81	31.17	8.27	8.11	5.0	1.548	99.5	2.6	0.6
173	3/22/2015 09:30:51	15.00	47.47	30.92	8.14	8.09	8.2	1.656	97.6	2.5	0.6
174	3/22/2015 09:45:51	14.97	47.42	30.89	8.12	8.08	8.9	1.772	97.3	2.6	0.6
175	3/22/2015 10:00:51	14.88	47.84	31.19	8.19	8.09	6.8	1.870	98.2	2.9	0.7
176	3/22/2015 10:15:52	14.86	47.97	31.28	8.19	8.10	6.5	1.993	98.2	2.8	0.7
177	3/22/2015 10:30:52	14.59	48.29	31.51	8.22	8.10	7.2	2.109	98.1	1.8	0.4
178	3/22/2015 10:45:52	14.40	48.44	31.61	8.24	8.11	6.7	2.210	98.0	2.0	0.5
179	3/22/2015 11:00:52	14.30	48.47	31.63	8.26	8.11	6.4	2.324	98.0	2.2	0.5
180	3/22/2015 11:15:51	14.24	48.65	31.76	8.27	8.11	5.9	2.434	98.2	2.0	0.5
181	3/22/2015 11:30:52	14.15	48.65	31.75	8.30	8.11	7.7	2.539	98.3	2.3	0.6
182	3/22/2015 11:45:52	14.00	48.63	31.74	8.30	8.11	8.1	2.645	98.0	2.6	0.6
183	3/22/2015 12:00:52	13.87	48.72	31.80	8.32	8.12	7.9	2.749	98.1	2.2	0.5
184	3/22/2015 12:15:52	13.73	48.82	31.86	8.35	8.12	9.6	2.857	98.1	2.0	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
185	3/22/2015 12:30:52	13.51	48.91	31.93	8.41	8.13	14.6	2.960	98.4	2.5	0.6
186	3/22/2015 12:45:52	13.22	49.01	31.99	8.47	8.14	12.3	3.063	98.6	2.3	0.6
187	3/22/2015 13:00:52	12.93	49.22	32.13	8.50	8.15	11.0	3.173	98.4	1.4	0.3
188	3/22/2015 13:15:52	12.72	49.32	32.19	8.54	8.15	12.3	3.273	98.5	3.0	0.7
189	3/22/2015 13:30:52	12.56	49.41	32.25	8.56	8.16	11.7	3.374	98.4	2.0	0.5
190	3/22/2015 13:45:52	12.40	49.52	32.32	8.68	8.17	11.4	3.478	99.6	2.8	0.7
191	3/22/2015 14:00:52	12.26	49.63	32.40	8.79	8.18	8.5	3.558	100.5	3.1	0.7
192	3/22/2015 14:15:52	12.18	49.66	32.42	8.76	8.18	5.2	3.608	100.0	2.5	0.6
193	3/22/2015 14:30:52	12.08	49.61	32.37	8.78	8.19	4.0	3.673	100.0	1.0	0.2
194	3/22/2015 14:45:52	12.06	49.77	32.49	8.74	8.19	4.0	3.693	99.6	2.3	0.6
195	3/22/2015 15:00:52	12.39	49.51	32.32	8.62	8.18	3.9	3.692	98.8	3.7	0.9
196	3/22/2015 15:15:52	12.17	49.68	32.43	8.68	8.18	4.7	3.657	99.1	3.0	0.7
197	3/22/2015 15:30:52	12.39	49.56	32.35	8.65	8.18	7.6	3.603	99.1	2.1	0.5
198	3/22/2015 15:45:52	12.86	49.27	32.16	8.56	8.16	5.6	3.521	99.0	3.2	0.8
199	3/22/2015 16:00:52	12.91	49.23	32.14	8.60	8.16	5.6	3.419	99.6	2.7	0.7
200	3/22/2015 16:15:52	12.95	49.17	32.09	8.59	8.16	5.4	3.313	99.5	1.5	0.4
201	3/22/2015 16:30:52	13.24	49.08	32.04	8.47	8.15	6.6	3.187	98.6	2.1	0.5
202	3/22/2015 16:45:52	13.35	48.96	31.95	8.49	8.15	6.6	3.079	99.1	3.0	0.7
203	3/22/2015 17:00:52	13.40	48.75	31.80	8.49	8.14	5.7	2.961	99.0	2.8	0.7
204	3/22/2015 17:15:52	13.52	48.79	31.84	8.47	8.14	7.0	2.849	99.1	2.3	0.6
205	3/22/2015 17:30:52	13.78	48.72	31.80	8.42	8.13	5.1	2.728	98.9	2.5	0.6
206	3/22/2015 17:45:52	13.63	48.88	31.91	8.47	8.14	5.0	2.620	99.3	2.1	0.5
207	3/22/2015 18:00:52	14.07	48.46	31.62	8.42	8.13	5.5	2.500	99.5	2.3	0.5
208	3/22/2015 18:15:52	13.84	48.63	31.73	8.52	8.14	5.6	2.388	100.3	3.0	0.7
209	3/22/2015 18:30:51	14.12	48.47	31.62	8.52	8.14	5.9	2.263	100.8	2.4	0.6
210	3/22/2015 18:45:52	14.11	48.47	31.63	8.58	8.14	6.5	2.162	101.5	2.4	0.6
211	3/22/2015 19:00:52	14.47	48.16	31.41	8.47	8.13	6.4	2.052	100.7	3.9	0.9
212	3/22/2015 19:15:52	14.39	48.18	31.42	8.45	8.13	5.7	1.951	100.3	3.0	0.7
213	3/22/2015 19:30:52	14.52	48.14	31.40	8.39	8.12	7.6	1.860	99.8	3.3	0.8
214	3/22/2015 19:45:52	14.65	48.07	31.35	8.33	8.12	5.5	1.792	99.4	4.1	1.0
215	3/22/2015 20:00:52	14.73	47.95	31.26	8.30	8.12	5.7	1.735	99.2	4.1	1.0
216	3/22/2015 20:15:52	14.80	47.90	31.23	8.32	8.12	4.5	1.717	99.6	3.9	0.9
217	3/22/2015 20:30:51	14.75	47.72	31.10	8.31	8.11	4.2	1.723	99.2	3.7	0.9
218	3/22/2015 20:45:51	14.74	47.81	31.16	8.36	8.11	4.3	1.753	99.8	3.8	0.9
219	3/22/2015 21:00:51	14.79	47.75	31.12	8.36	8.11	4.9	1.820	100.0	2.9	0.7
220	3/22/2015 21:15:51	14.73	47.80	31.15	8.37	8.11	5.3	1.891	100.0	2.6	0.6
221	3/22/2015 21:30:51	14.64	47.41	30.87	8.34	8.10	7.8	1.999	99.2	3.7	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
222	3/22/2015 21:45:52	14.61	47.58	30.99	8.35	8.10	6.1	2.118	99.3	3.9	0.9
223	3/22/2015 22:00:52	14.57	47.77	31.13	8.31	8.10	6.1	2.223	98.8	3.3	0.8
224	3/22/2015 22:15:52	14.46	47.94	31.25	8.29	8.11	5.7	2.333	98.5	3.7	0.9
225	3/22/2015 22:30:51	14.05	48.31	31.51	8.35	8.11	5.6	2.438	98.5	2.5	0.6
226	3/22/2015 22:45:52	13.87	48.46	31.61	8.37	8.11	6.4	2.541	98.5	2.5	0.6
227	3/22/2015 23:00:52	13.81	48.49	31.63	8.36	8.11	5.7	2.641	98.3	2.9	0.7
228	3/22/2015 23:15:51	13.69	48.65	31.75	8.37	8.12	6.0	2.742	98.2	3.1	0.7
229	3/22/2015 23:30:52	13.57	48.70	31.77	8.39	8.12	7.2	2.842	98.3	2.7	0.6
230	3/22/2015 23:45:52	13.42	48.78	31.83	8.39	8.12	7.5	2.951	97.9	2.8	0.7
231	3/23/2015 00:00:52	13.21	48.85	31.87	8.43	8.13	8.9	3.069	98.0	2.2	0.5
232	3/23/2015 00:15:52	12.94	49.06	32.01	8.51	8.14	9.7	3.170	98.4	2.5	0.6
233	3/23/2015 00:30:52	12.71	49.16	32.08	8.56	8.15	10.0	3.289	98.6	2.7	0.6
234	3/23/2015 00:45:52	12.41	49.28	32.15	8.63	8.16	10.1	3.426	98.9	3.6	0.9
235	3/23/2015 01:00:52	12.18	49.48	32.29	8.67	8.17	9.1	3.527	98.9	2.8	0.7
236	3/23/2015 01:15:52	12.02	49.61	32.38	8.67	8.17	8.4	3.634	98.7	3.1	0.7
237	3/23/2015 01:30:52	11.93	49.71	32.45	8.67	8.17	8.6	3.728	98.5	2.8	0.7
238	3/23/2015 01:45:52	11.87	49.74	32.46	8.70	8.17	6.7	3.810	98.7	6.2	1.5
239	3/23/2015 02:00:52	11.78	49.83	32.52	8.73	8.18	5.7	3.892	99.0	2.7	0.7
240	3/23/2015 02:15:52	11.74	49.78	32.49	8.71	8.18	5.4	3.947	98.6	2.0	0.5
241	3/23/2015 02:30:52	11.72	49.79	32.49	8.73	8.18	4.6	3.991	98.8	1.4	0.3
242	3/23/2015 02:45:52	11.66	49.81	32.50	8.62	8.18	3.4	4.015	97.4	2.3	0.5
243	3/23/2015 03:00:52	11.90	49.68	32.42	8.56	8.17	4.5	4.002	97.2	1.8	0.4
244	3/23/2015 03:15:52	12.09	49.60	32.37	8.52	8.16	5.7	3.977	97.1	2.6	0.6
245	3/23/2015 03:30:52	11.90	49.68	32.42	8.62	8.17	5.3	3.919	97.9	2.8	0.7
246	3/23/2015 03:45:52	12.06	49.64	32.40	8.54	8.16	6.4	3.821	97.2	3.0	0.7
247	3/23/2015 04:00:52	12.18	49.48	32.29	8.60	8.16	5.9	3.731	98.2	1.5	0.4
248	3/23/2015 04:15:52	12.21	49.50	32.30	8.51	8.16	5.0	3.615	97.2	1.5	0.4
249	3/23/2015 04:30:52	12.57	49.06	32.00	8.40	8.14	8.2	3.498	96.4	2.3	0.6
250	3/23/2015 04:45:52	12.47	49.18	32.08	8.49	8.15	8.3	3.370	97.3	2.2	0.5
251	3/23/2015 05:00:52	12.58	49.13	32.05	8.43	8.14	8.1	3.245	96.8	1.8	0.4
252	3/23/2015 05:15:52	12.76	49.12	32.05	8.34	8.13	7.8	3.116	96.1	1.3	0.3
253	3/23/2015 05:30:52	12.97	48.82	31.84	8.29	8.12	7.0	2.977	95.9	1.9	0.5
254	3/23/2015 05:45:52	12.86	48.81	31.83	8.31	8.12	5.9	2.851	95.9	1.9	0.4
255	3/23/2015 06:00:52	12.93	48.86	31.87	8.26	8.12	6.5	2.705	95.5	1.8	0.4
256	3/23/2015 06:15:52	12.46	49.10	32.03	8.39	8.13	6.7	2.579	96.1	2.1	0.5
257	3/23/2015 06:30:52	12.94	48.76	31.79	8.25	8.12	7.1	2.433	95.4	2.4	0.6
258	3/23/2015 06:45:52	13.19	48.52	31.63	8.12	8.10	8.7	2.276	94.2	2.1	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
259	3/23/2015 07:00:52	13.51	48.24	31.44	8.05	8.09	9.0	2.134	93.9	2.4	0.6
260	3/23/2015 07:15:52	13.75	48.04	31.30	8.00	8.09	10.3	2.000	93.7	2.4	0.6
261	3/23/2015 07:30:52	13.51	48.14	31.37	7.97	8.08	10.8	1.854	92.9	1.8	0.4
262	3/23/2015 07:45:52	13.52	48.08	31.32	7.93	8.08	10.2	1.703	92.5	3.7	0.9
263	3/23/2015 08:00:52	13.78	47.85	31.16	7.92	8.08	8.0	1.579	92.7	2.7	0.6
264	3/23/2015 08:15:52	13.84	47.84	31.16	7.87	8.07	7.5	1.479	92.2	2.3	0.5
265	3/23/2015 08:30:52	13.89	47.81	31.14	7.82	8.07	7.8	1.381	91.8	2.5	0.6
266	3/23/2015 08:45:52	13.90	47.70	31.06	7.79	8.07	9.5	1.313	91.4	3.7	0.9
267	3/23/2015 09:00:51	13.92	47.61	31.00	7.82	8.07	8.3	1.269	91.8	3.8	0.9
268	3/23/2015 09:15:51	13.89	47.51	30.92	7.86	8.07	8.1	1.307	92.1	3.6	0.9
269	3/23/2015 09:30:52	13.92	47.68	31.04	7.88	8.07	5.3	1.351	92.5	2.9	0.7
270	3/23/2015 09:45:52	13.96	47.58	30.98	7.87	8.07	5.4	1.427	92.5	2.8	0.7
271	3/23/2015 10:00:52	13.96	47.73	31.08	7.90	8.07	6.4	1.548	92.8	3.4	0.8
272	3/23/2015 10:15:52	13.89	47.20	30.69	7.86	8.06	6.6	1.633	92.0	3.1	0.7
273	3/23/2015 10:30:52	13.87	47.04	30.58	7.85	8.06	7.7	1.747	91.7	2.5	0.6
274	3/23/2015 10:45:52	13.84	46.81	30.41	7.83	8.05	6.9	1.844	91.4	3.1	0.7
275	3/23/2015 11:00:52	13.86	47.01	30.56	7.88	8.06	6.8	1.933	92.1	3.0	0.7
276	3/23/2015 11:15:52	13.88	47.19	30.69	7.90	8.06	6.4	2.044	92.4	2.5	0.6
277	3/23/2015 11:30:52	13.79	47.55	30.94	7.93	8.07	6.0	2.146	92.8	3.1	0.7
278	3/23/2015 11:45:52	13.63	48.12	31.36	8.04	8.08	6.3	2.251	94.0	2.8	0.7
279	3/23/2015 12:00:52	13.66	48.20	31.42	8.13	8.09	5.8	2.349	95.1	1.9	0.5
280	3/23/2015 12:15:52	13.64	48.33	31.51	8.12	8.09	5.5	2.451	95.1	1.7	0.4
281	3/23/2015 12:30:51	13.58	48.27	31.46	8.16	8.09	6.1	2.553	95.3	1.6	0.4
282	3/23/2015 12:45:52	13.46	48.49	31.62	8.21	8.10	8.1	2.650	95.7	2.6	0.6
283	3/23/2015 13:00:52	13.40	48.51	31.63	8.23	8.10	7.0	2.750	95.9	2.8	0.7
284	3/23/2015 13:15:52	13.36	48.39	31.55	8.24	8.10	7.9	2.851	95.9	3.2	0.8
285	3/23/2015 13:30:52	13.21	48.59	31.68	8.30	8.11	9.3	2.943	96.4	2.4	0.6
286	3/23/2015 13:45:52	13.02	48.80	31.83	8.38	8.12	9.6	3.032	97.0	2.7	0.6
287	3/23/2015 14:00:52	12.81	48.86	31.86	8.43	8.13	10.6	3.121	97.2	2.4	0.6
288	3/23/2015 14:15:52	12.56	49.08	32.01	8.49	8.14	10.6	3.206	97.4	3.4	0.8
289	3/23/2015 14:30:52	12.38	49.25	32.13	8.53	8.15	9.9	3.288	97.7	3.2	0.8
290	3/23/2015 14:45:52	12.35	49.26	32.13	8.55	8.15	9.7	3.373	97.8	1.8	0.4
291	3/23/2015 15:00:52	12.32	49.31	32.17	8.58	8.15	9.3	3.444	98.1	2.9	0.7
292	3/23/2015 15:15:52	12.28	49.43	32.25	8.56	8.16	5.6	3.490	97.9	2.0	0.5
293	3/23/2015 15:30:52	12.26	49.45	32.27	8.63	8.16	4.7	3.529	98.7	1.9	0.5
294	3/23/2015 15:45:52	12.54	49.24	32.13	8.48	8.15	3.6	3.557	97.4	1.7	0.4
295	3/23/2015 16:00:52	12.37	49.26	32.14	8.50	8.15	4.3	3.537	97.2	1.5	0.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
296	3/23/2015 16:15:52	12.32	49.21	32.10	8.57	8.15	5.5	3.511	98.0	2.0	0.5
297	3/23/2015 16:30:52	12.41	49.28	32.15	8.52	8.15	5.0	3.468	97.6	2.5	0.6
298	3/23/2015 16:45:52	12.61	49.20	32.10	8.54	8.15	6.0	3.394	98.2	1.7	0.4
299	3/23/2015 17:00:52	12.61	49.23	32.13	8.51	8.15	6.4	3.287	97.9	2.4	0.6
300	3/23/2015 17:15:52	12.88	49.00	31.97	8.55	8.14	6.2	3.190	98.8	2.0	0.5
301	3/23/2015 17:30:52	13.24	48.83	31.85	8.51	8.13	8.6	3.095	99.0	1.9	0.4
302	3/23/2015 17:45:52	13.37	48.73	31.79	8.53	8.13	5.9	2.994	99.5	1.9	0.4
303	3/23/2015 18:00:52	13.40	48.63	31.72	8.55	8.13	5.9	2.874	99.7	2.2	0.5
304	3/23/2015 18:15:52	13.71	48.51	31.64	8.49	8.13	5.4	2.783	99.6	1.8	0.4
305	3/23/2015 18:30:52	13.68	48.55	31.67	8.40	8.12	5.8	2.683	98.5	2.6	0.6
306	3/23/2015 18:45:52	13.58	48.42	31.57	8.44	8.12	6.5	2.584	98.7	2.7	0.6
307	3/23/2015 19:00:52	13.30	48.49	31.62	8.46	8.12	6.4	2.482	98.4	1.5	0.4
308	3/23/2015 19:15:52	13.52	48.34	31.51	8.39	8.11	6.6	2.376	97.9	3.1	0.7
309	3/23/2015 19:30:52	13.56	48.10	31.34	8.37	8.11	6.7	2.292	97.7	2.6	0.6
310	3/23/2015 19:45:52	13.62	48.11	31.35	8.35	8.11	6.6	2.197	97.6	3.0	0.7
311	3/23/2015 20:00:52	13.62	48.06	31.31	8.31	8.11	7.6	2.112	97.1	3.2	0.8
312	3/23/2015 20:15:52	13.85	47.77	31.11	8.34	8.10	6.9	2.052	97.8	2.7	0.6
313	3/23/2015 20:30:52	13.94	47.62	31.00	8.35	8.11	5.7	1.985	98.0	2.7	0.6
314	3/23/2015 20:45:52	14.09	47.46	30.89	8.38	8.11	5.2	1.952	98.7	2.8	0.7
315	3/23/2015 21:00:51	14.13	47.32	30.79	8.33	8.10	4.1	1.936	98.0	3.8	0.9
316	3/23/2015 21:15:52	14.08	47.46	30.89	8.38	8.10	4.9	1.936	98.5	3.5	0.8
317	3/23/2015 21:30:52	14.04	47.49	30.91	8.38	8.11	4.8	1.985	98.5	2.9	0.7
318	3/23/2015 21:45:52	14.03	47.61	30.99	8.42	8.11	4.9	2.031	99.0	3.0	0.7
319	3/23/2015 22:00:52	13.97	47.61	30.99	8.39	8.10	6.0	2.102	98.5	3.0	0.7
320	3/23/2015 22:15:52	13.99	47.03	30.58	8.34	8.09	7.5	2.192	97.8	2.2	0.5
321	3/23/2015 22:30:52	13.94	47.32	30.78	8.33	8.10	6.4	2.276	97.7	3.3	0.8
322	3/23/2015 22:45:52	13.88	47.57	30.97	8.34	8.10	6.1	2.366	97.8	2.8	0.7
323	3/23/2015 23:00:52	13.79	47.91	31.21	8.36	8.10	5.5	2.473	97.9	2.8	0.7
324	3/23/2015 23:15:52	13.56	48.27	31.46	8.36	8.11	6.0	2.559	97.6	2.1	0.5
325	3/23/2015 23:30:52	13.43	48.36	31.52	8.38	8.11	5.7	2.646	97.7	1.7	0.4
326	3/23/2015 23:45:52	13.37	48.39	31.55	8.37	8.11	6.1	2.738	97.5	2.1	0.5
327	3/24/2015 00:00:52	13.32	48.46	31.59	8.42	8.11	5.8	2.829	97.9	2.4	0.6
328	3/24/2015 00:15:52	13.20	48.57	31.67	8.42	8.12	6.8	2.923	97.8	2.7	0.6
329	3/24/2015 00:30:52	13.06	48.68	31.74	8.47	8.12	7.1	3.017	98.1	2.7	0.6
330	3/24/2015 00:45:52	12.93	48.80	31.82	8.46	8.12	8.1	3.118	97.8	3.0	0.7
331	3/24/2015 01:00:52	12.69	48.87	31.86	8.58	8.14	9.0	3.211	98.6	2.7	0.6
332	3/24/2015 01:15:52	12.42	49.02	31.96	8.76	8.16	9.6	3.322	100.2	2.7	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
333	3/24/2015 01:30:52	12.23	49.13	32.04	8.90	8.18	10.8	3.432	101.5	3.2	0.8
334	3/24/2015 01:45:52	12.14	49.29	32.15	9.00	8.19	9.4	3.540	102.5	3.4	0.8
335	3/24/2015 02:00:52	12.04	49.31	32.16	9.12	8.20	9.0	3.633	103.7	4.2	1.0
336	3/24/2015 02:15:52	11.99	49.37	32.20	9.15	8.21	7.6	3.724	104.0	3.7	0.9
337	3/24/2015 02:30:52	11.98	49.42	32.24	9.17	8.21	6.5	3.807	104.1	2.0	0.5
338	3/24/2015 02:45:52	11.97	49.42	32.23	9.16	8.21	7.2	3.869	104.0	3.0	0.7
339	3/24/2015 03:00:52	11.96	49.45	32.25	9.16	8.21	4.7	3.924	104.0	2.4	0.6
340	3/24/2015 03:15:52	11.95	49.52	32.30	9.13	8.21	4.1	3.956	103.6	2.7	0.6
341	3/24/2015 03:30:52	12.13	49.33	32.18	8.95	8.20	4.8	3.964	101.9	4.1	1.0
342	3/24/2015 03:45:52	12.04	49.39	32.21	8.97	8.20	5.1	3.968	102.0	2.8	0.7
343	3/24/2015 04:00:52	12.00	49.43	32.24	9.04	8.21	5.5	3.931	102.7	3.0	0.7
344	3/24/2015 04:15:52	12.04	49.39	32.21	9.01	8.20	4.3	3.870	102.4	3.1	0.7
345	3/24/2015 04:30:52	12.16	49.26	32.13	8.94	8.19	8.3	3.791	101.8	3.1	0.7
346	3/24/2015 04:45:52	12.14	49.29	32.15	8.97	8.19	5.7	3.701	102.2	1.9	0.5
347	3/24/2015 05:00:52	12.19	49.26	32.13	8.91	8.19	5.3	3.591	101.6	1.8	0.4
348	3/24/2015 05:15:53	12.34	47.35	30.75	8.84	8.17	10.8	3.488	100.2	1.6	0.4
349	3/24/2015 05:30:52	12.34	48.93	31.89	8.80	8.17	8.9	3.367	100.4	4.0	0.9
350	3/24/2015 05:45:53	12.43	47.15	30.61	8.79	8.16	9.0	3.256	99.8	2.9	0.7
351	3/24/2015 06:00:52	12.56	48.69	31.73	8.64	8.15	10.3	3.108	99.1	1.9	0.5
352	3/24/2015 06:15:52	12.68	48.40	31.53	8.51	8.13	6.9	2.985	97.6	2.1	0.5
353	3/24/2015 06:30:52	12.74	48.42	31.54	8.43	8.13	8.3	2.859	96.9	1.9	0.5
354	3/24/2015 06:45:52	12.67	48.49	31.59	8.43	8.13	7.8	2.736	96.8	2.3	0.5
355	3/24/2015 07:00:52	12.89	48.00	31.24	8.44	8.12	6.8	2.598	97.1	3.3	0.8
356	3/24/2015 07:15:52	12.83	48.16	31.35	8.36	8.12	7.5	2.465	96.1	1.3	0.3
357	3/24/2015 07:30:52	13.11	47.80	31.11	8.27	8.10	7.5	2.325	95.5	2.1	0.5
358	3/24/2015 07:45:52	13.41	47.48	30.88	8.16	8.08	7.5	2.201	94.7	2.6	0.6
359	3/24/2015 08:00:52	13.47	47.36	30.80	8.12	8.08	7.7	2.066	94.2	2.1	0.5
360	3/24/2015 08:15:52	13.43	47.36	30.80	8.10	8.08	7.3	1.928	94.0	2.3	0.5
361	3/24/2015 08:30:52	13.38	47.25	30.72	8.09	8.08	7.8	1.795	93.8	2.1	0.5
362	3/24/2015 08:45:52	13.50	47.05	30.57	8.03	8.07	8.4	1.679	93.1	2.2	0.5
363	3/24/2015 09:00:52	13.63	46.82	30.41	7.97	8.07	6.4	1.565	92.7	2.0	0.5
364	3/24/2015 09:15:52	13.66	46.70	30.33	7.95	8.07	6.5	1.477	92.5	2.8	0.7
365	3/24/2015 09:30:52	13.69	46.59	30.25	7.94	8.07	7.3	1.414	92.3	2.6	0.6
366	3/24/2015 09:45:52	13.69	46.54	30.22	7.96	8.07	6.5	1.367	92.5	2.7	0.6
367	3/24/2015 10:00:52	13.65	46.59	30.25	7.97	8.07	7.6	1.372	92.6	3.3	0.8
368	3/24/2015 10:15:52	13.68	46.68	30.31	8.03	8.07	5.9	1.406	93.3	2.1	0.5
369	3/24/2015 10:30:52	13.67	46.74	30.36	8.04	8.07	6.5	1.481	93.5	3.3	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
370	3/24/2015 10:45:52	13.68	46.72	30.35	8.06	8.07	6.2	1.550	93.8	3.3	0.8
371	3/24/2015 11:00:52	13.60	44.93	29.05	8.09	8.05	7.8	1.646	93.2	2.9	0.7
372	3/24/2015 11:15:52	13.60	45.56	29.51	8.06	8.05	7.4	1.745	93.1	3.4	0.8
373	3/24/2015 11:30:52	13.59	45.60	29.54	8.04	8.05	7.0	1.836	92.9	3.2	0.8
374	3/24/2015 11:45:52	13.59	45.85	29.71	8.04	8.05	6.1	1.910	93.0	2.5	0.6
375	3/24/2015 12:00:52	13.60	45.72	29.62	8.06	8.05	6.4	2.000	93.2	2.4	0.6
376	3/24/2015 12:15:52	13.57	45.77	29.66	8.08	8.06	5.9	2.101	93.4	2.4	0.6
377	3/24/2015 12:30:52	13.45	46.68	30.31	8.09	8.07	6.2	2.185	93.6	2.7	0.6
378	3/24/2015 12:45:52	13.38	47.30	30.75	8.11	8.08	6.0	2.277	94.0	1.9	0.4
379	3/24/2015 13:00:53	13.38	46.03	29.84	8.22	8.08	6.0	2.379	94.7	2.1	0.5
380	3/24/2015 13:15:52	13.38	47.59	30.97	8.19	8.08	5.6	2.458	95.0	2.0	0.5
381	3/24/2015 13:30:52	13.42	47.49	30.89	8.21	8.08	6.0	2.563	95.3	1.7	0.4
382	3/24/2015 13:45:52	13.40	47.64	31.00	8.21	8.08	6.8	2.646	95.3	1.9	0.4
383	3/24/2015 14:00:53	13.36	46.25	30.00	8.29	8.09	6.0	2.728	95.5	2.2	0.5
384	3/24/2015 14:15:52	13.25	47.78	31.10	8.31	8.09	7.9	2.822	96.3	2.4	0.6
385	3/24/2015 14:30:52	13.16	47.96	31.22	8.37	8.10	7.6	2.903	96.8	1.9	0.4
386	3/24/2015 14:45:52	13.03	48.04	31.28	8.45	8.11	9.1	2.984	97.5	2.2	0.5
387	3/24/2015 15:00:52	12.94	48.19	31.38	8.53	8.12	9.3	3.071	98.3	2.4	0.6
388	3/24/2015 15:15:52	12.77	48.36	31.50	8.61	8.13	8.4	3.141	99.0	3.5	0.8
389	3/24/2015 15:30:52	12.64	48.55	31.63	8.71	8.15	9.2	3.219	99.9	2.8	0.7
390	3/24/2015 15:45:52	12.52	48.63	31.69	8.82	8.16	8.2	3.286	101.0	2.3	0.5
391	3/24/2015 16:00:52	12.48	48.75	31.77	8.86	8.17	7.2	3.341	101.4	2.3	0.5
392	3/24/2015 16:15:52	12.47	48.70	31.73	8.80	8.17	5.3	3.376	100.6	2.7	0.6
393	3/24/2015 16:30:52	12.45	48.79	31.80	8.75	8.17	4.1	3.402	100.1	1.9	0.4
394	3/24/2015 16:45:52	12.60	48.62	31.68	8.65	8.16	4.7	3.419	99.2	1.7	0.4
395	3/24/2015 17:00:52	12.51	48.67	31.71	8.67	8.16	5.3	3.399	99.2	2.4	0.6
396	3/24/2015 17:15:52	12.51	48.73	31.76	8.70	8.16	6.5	3.376	99.6	2.1	0.5
397	3/24/2015 17:30:52	12.54	48.64	31.69	8.74	8.16	4.7	3.315	100.1	2.8	0.7
398	3/24/2015 17:45:52	13.33	48.10	31.33	8.65	8.14	7.0	3.249	100.5	2.6	0.6
399	3/24/2015 18:00:52	13.31	48.09	31.32	8.64	8.13	6.5	3.167	100.3	2.6	0.6
400	3/24/2015 18:15:52	13.07	48.18	31.38	8.58	8.13	5.7	3.077	99.1	2.5	0.6
401	3/24/2015 18:30:52	13.27	47.99	31.25	8.46	8.11	6.1	3.006	98.1	3.2	0.8
402	3/24/2015 18:45:52	13.53	47.76	31.09	8.37	8.10	5.0	2.912	97.5	2.3	0.5
403	3/24/2015 19:00:52	13.64	47.60	30.98	8.30	8.10	5.3	2.827	96.8	2.3	0.5
404	3/24/2015 19:15:52	13.66	47.28	30.75	8.34	8.10	6.0	2.742	97.2	2.1	0.5
405	3/24/2015 19:30:52	13.62	47.49	30.90	8.32	8.09	5.2	2.661	97.0	2.2	0.5
406	3/24/2015 19:45:52	13.71	47.07	30.60	8.33	8.09	5.3	2.585	97.0	2.0	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
407	3/24/2015 20:00:52	13.73	46.96	30.52	8.31	8.09	5.4	2.510	96.8	2.7	0.6
408	3/24/2015 20:15:52	13.85	46.45	30.15	8.31	8.09	5.9	2.451	96.9	2.6	0.6
409	3/24/2015 20:30:52	13.92	46.31	30.06	8.35	8.09	5.2	2.373	97.4	2.9	0.7
410	3/24/2015 20:45:52	13.91	46.23	30.00	8.33	8.08	4.8	2.306	97.2	3.3	0.8
411	3/24/2015 21:00:52	13.94	46.16	29.95	8.36	8.09	5.0	2.264	97.5	3.3	0.8
412	3/24/2015 21:15:52	13.95	46.21	29.98	8.31	8.09	4.5	2.204	96.9	3.8	0.9
413	3/24/2015 21:30:52	13.95	46.08	29.89	8.34	8.09	4.2	2.179	97.2	3.2	0.8
414	3/24/2015 21:45:52	13.88	46.30	30.05	8.15	8.07	4.3	2.167	95.0	2.6	0.6
415	3/24/2015 22:00:52	13.93	46.13	29.92	8.32	8.08	4.3	2.155	97.0	2.9	0.7
416	3/24/2015 22:15:52	13.94	45.92	29.78	8.39	8.08	4.3	2.205	97.7	2.8	0.7
417	3/24/2015 22:30:52	13.86	46.15	29.94	8.35	8.08	4.8	2.229	97.2	3.6	0.9
418	3/24/2015 22:45:52	13.84	46.27	30.03	8.28	8.08	4.8	2.278	96.4	2.2	0.5
419	3/24/2015 23:00:52	13.82	46.07	29.88	8.25	8.07	5.1	2.356	96.0	3.4	0.8
420	3/24/2015 23:15:52	13.78	45.88	29.74	8.24	8.07	6.5	2.428	95.6	3.4	0.8
421	3/24/2015 23:30:52	13.75	46.15	29.94	8.24	8.07	5.4	2.500	95.7	2.7	0.6
422	3/24/2015 23:45:52	13.64	46.50	30.18	8.28	8.08	6.0	2.570	96.1	3.5	0.8
423	3/25/2015 00:00:52	13.48	46.66	30.29	8.31	8.09	5.9	2.656	96.2	2.6	0.6
424	3/25/2015 00:15:52	13.33	47.19	30.67	8.32	8.10	6.1	2.737	96.3	2.7	0.6
425	3/25/2015 00:30:52	13.29	47.42	30.84	8.31	8.10	6.3	2.804	96.2	2.7	0.6
426	3/25/2015 00:45:52	13.31	47.43	30.84	8.35	8.10	5.7	2.883	96.7	2.4	0.6
427	3/25/2015 01:00:52	13.28	47.55	30.93	8.42	8.10	5.4	2.964	97.5	2.1	0.5
428	3/25/2015 01:15:52	13.18	47.55	30.93	8.44	8.11	6.2	3.044	97.5	2.7	0.7
429	3/25/2015 01:30:52	13.05	47.67	31.01	8.50	8.12	6.5	3.124	97.9	2.0	0.5
430	3/25/2015 01:45:52	12.92	47.87	31.15	8.57	8.13	7.3	3.197	98.6	2.4	0.6
431	3/25/2015 02:00:52	12.76	48.01	31.24	8.69	8.14	11.4	3.299	99.7	3.0	0.7
432	3/25/2015 02:15:53	12.64	47.00	30.51	8.79	8.15	8.4	3.384	100.1	1.9	0.5
433	3/25/2015 02:30:52	12.50	48.34	31.47	8.83	8.16	7.3	3.466	101.0	2.6	0.6
434	3/25/2015 02:45:52	12.40	48.36	31.48	8.90	8.17	7.6	3.540	101.5	2.5	0.6
435	3/25/2015 03:00:52	12.34	48.58	31.64	8.96	8.18	6.9	3.612	102.1	4.0	0.9
436	3/25/2015 03:15:53	12.24	48.68	31.71	9.07	8.19	6.0	3.681	103.2	2.3	0.6
437	3/25/2015 03:30:52	12.20	48.97	31.92	9.09	8.20	5.7	3.731	103.6	2.8	0.7
438	3/25/2015 03:45:52	12.17	49.02	31.95	9.09	8.20	4.8	3.769	103.4	3.1	0.7
439	3/25/2015 04:00:52	12.14	49.10	32.01	9.09	8.20	4.8	3.803	103.4	1.7	0.4
440	3/25/2015 04:15:52	12.25	48.86	31.84	8.94	8.19	4.5	3.805	101.9	2.1	0.5
441	3/25/2015 04:30:52	12.15	49.02	31.95	9.02	8.20	4.0	3.805	102.6	1.9	0.4
442	3/25/2015 04:45:52	12.14	49.04	31.97	9.08	8.20	4.5	3.766	103.3	2.8	0.7
443	3/25/2015 05:00:52	12.27	48.48	31.56	8.84	8.18	5.2	3.711	100.6	2.8	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
444	3/25/2015 05:15:52	12.38	47.71	31.01	8.72	8.15	5.7	3.667	99.2	2.0	0.5
445	3/25/2015 05:30:53	12.31	46.13	29.87	8.73	8.14	6.1	3.572	98.4	2.4	0.6
446	3/25/2015 05:45:53	12.37	46.38	30.06	8.62	8.13	6.1	3.477	97.4	2.5	0.6
447	3/25/2015 06:00:53	12.50	45.64	29.53	8.61	8.12	6.0	3.381	97.2	2.3	0.6
448	3/25/2015 06:15:52	12.61	46.91	30.44	8.52	8.12	7.2	3.276	96.9	2.4	0.6
449	3/25/2015 06:30:53	12.78	46.50	30.16	8.44	8.11	8.4	3.169	96.2	2.9	0.7
450	3/25/2015 06:45:53	12.86	45.53	29.46	8.45	8.10	7.9	3.061	96.1	3.0	0.7
451	3/25/2015 07:00:52	12.95	46.14	29.90	8.31	8.09	8.6	2.952	94.9	2.5	0.6
452	3/25/2015 07:15:52	12.98	45.88	29.72	8.26	8.08	7.6	2.836	94.3	2.7	0.6
453	3/25/2015 07:30:52	12.96	45.69	29.58	8.24	8.08	6.7	2.727	94.0	2.5	0.6
454	3/25/2015 07:45:52	12.90	45.71	29.59	8.21	8.07	7.6	2.616	93.5	2.6	0.6
455	3/25/2015 08:00:52	12.86	46.18	29.93	8.22	8.07	7.5	2.484	93.8	2.4	0.6
456	3/25/2015 08:15:52	13.09	46.10	29.88	8.16	8.07	7.1	2.360	93.5	2.9	0.7
457	3/25/2015 08:30:52	13.19	46.16	29.92	8.13	8.06	7.0	2.230	93.3	2.7	0.6
458	3/25/2015 08:45:52	13.34	46.05	29.85	8.07	8.06	6.6	2.123	92.9	2.4	0.6
459	3/25/2015 09:00:52	13.17	46.10	29.88	8.15	8.06	6.2	1.995	93.5	2.1	0.5
460	3/25/2015 09:15:52	13.37	45.96	29.79	8.13	8.06	6.3	1.879	93.6	2.3	0.5
461	3/25/2015 09:30:52	13.48	45.87	29.73	8.12	8.05	5.7	1.775	93.7	1.8	0.4
462	3/25/2015 09:45:52	13.55	45.85	29.71	8.08	8.05	5.3	1.680	93.4	2.6	0.6
463	3/25/2015 10:00:53	13.62	45.58	29.52	8.08	8.05	5.3	1.589	93.3	2.7	0.7
464	3/25/2015 10:15:52	13.67	45.72	29.62	8.07	8.05	5.0	1.520	93.4	3.2	0.8
465	3/25/2015 10:30:52	13.73	45.67	29.59	8.12	8.05	5.6	1.485	94.1	2.5	0.6
466	3/25/2015 10:45:52	13.80	45.80	29.69	8.16	8.05	7.6	1.477	94.7	3.2	0.8
467	3/25/2015 11:00:52	13.69	45.85	29.72	8.12	8.05	5.9	1.494	94.1	3.0	0.7
468	3/25/2015 11:15:52	13.64	45.85	29.72	8.12	8.05	5.9	1.529	93.9	3.3	0.8
469	3/25/2015 11:30:52	13.64	45.81	29.69	8.10	8.05	5.6	1.592	93.7	2.3	0.5
470	3/25/2015 11:45:52	13.62	45.50	29.47	8.09	8.05	6.2	1.664	93.5	2.9	0.7
471	3/25/2015 12:00:52	13.57	44.95	29.07	8.07	8.04	6.6	1.736	92.9	3.0	0.7
472	3/25/2015 12:15:52	13.54	44.80	28.96	8.06	8.04	6.7	1.823	92.7	2.4	0.6
473	3/25/2015 12:30:52	13.49	44.60	28.81	8.06	8.03	7.0	1.907	92.4	3.1	0.7
474	3/25/2015 12:45:52	13.49	44.75	28.93	8.00	8.03	6.1	1.987	91.8	2.0	0.5
475	3/25/2015 13:00:52	13.49	45.06	29.15	7.99	8.03	6.4	2.060	91.8	2.5	0.6
476	3/25/2015 13:15:53	13.42	44.88	29.02	8.00	8.04	5.7	2.138	91.8	2.7	0.6
477	3/25/2015 13:30:53	13.32	45.35	29.35	8.07	8.05	5.7	2.223	92.6	2.5	0.6
478	3/25/2015 13:45:52	13.28	45.97	29.79	8.12	8.06	5.3	2.305	93.3	2.5	0.6
479	3/25/2015 14:00:53	13.25	46.15	29.92	8.15	8.06	5.7	2.378	93.7	2.4	0.6
480	3/25/2015 14:15:52	13.27	46.36	30.08	8.16	8.06	5.3	2.458	93.9	2.8	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
481	3/25/2015 14:30:52	13.27	46.56	30.21	8.16	8.06	5.4	2.546	94.0	1.9	0.4
482	3/25/2015 14:45:52	13.47	46.19	29.95	8.22	8.07	5.3	2.616	94.9	1.9	0.4
483	3/25/2015 15:00:53	13.40	46.25	29.99	8.24	8.07	5.1	2.693	95.1	2.0	0.5
484	3/25/2015 15:15:52	13.21	46.78	30.37	8.24	8.07	5.9	2.779	94.9	2.1	0.5
485	3/25/2015 15:30:52	13.17	46.84	30.41	8.31	8.08	5.7	2.843	95.7	2.8	0.7
486	3/25/2015 15:45:53	13.17	46.74	30.34	8.37	8.09	7.0	2.914	96.3	2.1	0.5
487	3/25/2015 16:00:52	13.17	46.81	30.39	8.45	8.10	7.8	2.985	97.2	2.2	0.5
488	3/25/2015 16:15:52	13.11	46.84	30.41	8.47	8.10	7.1	3.053	97.4	2.6	0.6
489	3/25/2015 16:30:52	13.11	46.95	30.49	8.46	8.10	7.8	3.115	97.4	1.8	0.4
490	3/25/2015 16:45:53	12.99	47.08	30.58	8.46	8.11	6.2	3.170	97.2	1.4	0.3
491	3/25/2015 17:00:52	12.79	47.65	30.99	8.65	8.13	7.5	3.214	99.2	2.6	0.6
492	3/25/2015 17:15:52	12.79	47.77	31.07	8.71	8.14	5.4	3.248	99.8	1.6	0.4
493	3/25/2015 17:30:52	12.77	47.85	31.13	8.67	8.14	4.8	3.264	99.4	3.3	0.8
494	3/25/2015 17:45:52	12.79	47.78	31.08	8.67	8.14	4.5	3.270	99.5	2.2	0.5
495	3/25/2015 18:00:53	12.73	47.80	31.09	8.67	8.14	4.2	3.258	99.3	1.7	0.4
496	3/25/2015 18:15:53	12.77	47.72	31.03	8.67	8.14	4.9	3.235	99.3	1.8	0.4
497	3/25/2015 18:30:52	13.07	47.20	30.67	8.50	8.12	5.5	3.176	97.8	1.8	0.4
498	3/25/2015 18:45:52	13.59	46.87	30.45	8.45	8.10	6.1	3.127	98.1	1.7	0.4
499	3/25/2015 19:00:52	13.57	46.86	30.44	8.40	8.10	5.5	3.064	97.5	2.0	0.5
500	3/25/2015 19:15:52	13.70	46.74	30.36	8.35	8.09	5.6	2.999	97.2	1.6	0.4
501	3/25/2015 19:30:52	14.04	46.40	30.13	8.44	8.09	5.9	2.918	98.8	2.4	0.6
502	3/25/2015 19:45:52	13.95	46.44	30.15	8.38	8.08	5.5	2.842	97.9	2.1	0.5
503	3/25/2015 20:00:52	13.94	46.33	30.07	8.43	8.09	5.8	2.775	98.4	1.8	0.4
504	3/25/2015 20:15:52	13.99	46.05	29.87	8.44	8.08	5.6	2.717	98.5	2.3	0.6
505	3/25/2015 20:30:52	13.97	46.06	29.87	8.43	8.08	5.6	2.650	98.4	2.5	0.6
506	3/25/2015 20:45:52	14.04	45.67	29.60	8.44	8.08	5.4	2.585	98.4	2.3	0.5
507	3/25/2015 21:00:52	13.91	45.82	29.70	8.37	8.08	7.6	2.528	97.5	2.5	0.6
508	3/25/2015 21:15:52	13.92	45.80	29.69	8.39	8.08	8.4	2.481	97.7	2.7	0.6
509	3/25/2015 21:30:52	14.06	45.45	29.44	8.39	8.07	6.6	2.429	97.8	3.0	0.7
510	3/25/2015 21:45:52	13.97	45.60	29.55	8.38	8.08	8.4	2.380	97.6	3.3	0.8
511	3/25/2015 22:00:52	14.02	45.55	29.51	8.42	8.07	7.8	2.345	98.1	2.6	0.6
512	3/25/2015 22:15:53	14.02	45.45	29.44	8.40	8.07	7.2	2.325	97.8	3.7	0.9
513	3/25/2015 22:30:52	14.12	45.34	29.37	8.31	8.07	5.7	2.307	97.0	2.8	0.7
514	3/25/2015 22:45:52	14.07	45.47	29.45	8.26	8.06	5.6	2.297	96.3	2.2	0.5
515	3/25/2015 23:00:52	14.06	45.38	29.39	8.41	8.07	6.3	2.312	98.0	3.2	0.8
516	3/25/2015 23:15:52	14.17	45.31	29.34	8.45	8.07	5.8	2.343	98.7	2.7	0.6
517	3/25/2015 23:30:52	14.04	45.51	29.49	8.31	8.07	6.1	2.372	96.9	3.6	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
518	3/25/2015 23:45:52	14.01	45.59	29.54	8.34	8.07	4.8	2.414	97.2	3.1	0.7
519	3/26/2015 00:00:52	14.21	45.01	29.13	8.40	8.07	5.5	2.465	98.0	3.3	0.8
520	3/26/2015 00:15:52	14.25	44.77	28.96	8.32	8.06	5.8	2.531	97.1	3.0	0.7
521	3/26/2015 00:30:52	14.05	45.38	29.39	8.34	8.06	5.6	2.585	97.1	2.8	0.7
522	3/26/2015 00:45:52	13.94	45.67	29.60	8.35	8.07	5.2	2.638	97.1	2.6	0.6
523	3/26/2015 01:00:52	13.94	45.55	29.51	8.39	8.07	5.9	2.711	97.6	3.0	0.7
524	3/26/2015 01:15:52	13.76	46.03	29.85	8.44	8.09	5.1	2.776	98.0	1.8	0.4
525	3/26/2015 01:30:52	13.48	46.75	30.36	8.45	8.10	5.8	2.839	97.8	2.4	0.6
526	3/26/2015 01:45:53	13.34	46.91	30.47	8.52	8.11	5.2	2.903	98.4	2.7	0.7
527	3/26/2015 02:00:53	13.39	46.56	30.22	8.52	8.10	4.8	2.981	98.4	2.8	0.7
528	3/26/2015 02:15:52	13.25	46.98	30.52	8.54	8.11	4.8	3.052	98.6	2.9	0.7
529	3/26/2015 02:30:52	13.08	47.44	30.84	8.58	8.12	5.4	3.124	98.8	1.8	0.4
530	3/26/2015 02:45:52	12.89	47.89	31.16	8.61	8.13	5.5	3.195	99.0	1.8	0.4
531	3/26/2015 03:00:52	12.86	47.87	31.15	8.63	8.13	7.7	3.267	99.2	1.6	0.4
532	3/26/2015 03:15:52	12.77	48.01	31.25	8.65	8.14	5.7	3.348	99.3	1.9	0.5
533	3/26/2015 03:30:52	12.73	48.01	31.24	8.66	8.14	6.8	3.411	99.3	1.9	0.5
534	3/26/2015 03:45:52	12.65	48.09	31.30	8.66	8.14	5.4	3.469	99.2	1.4	0.3
535	3/26/2015 04:00:52	12.55	48.16	31.34	8.67	8.14	5.4	3.527	99.1	2.7	0.6
536	3/26/2015 04:15:52	12.45	48.22	31.38	8.66	8.14	6.3	3.580	98.8	1.8	0.4
537	3/26/2015 04:30:52	12.39	48.31	31.45	8.60	8.14	4.7	3.606	98.1	2.7	0.6
538	3/26/2015 04:45:52	12.35	48.51	31.59	8.57	8.14	4.5	3.637	97.6	2.1	0.5
539	3/26/2015 05:00:52	12.54	48.24	31.40	8.54	8.13	4.7	3.634	97.6	2.2	0.5
540	3/26/2015 05:15:52	12.33	48.52	31.60	8.55	8.14	4.8	3.632	97.4	2.0	0.5
541	3/26/2015 05:30:53	12.39	48.33	31.46	8.59	8.14	4.3	3.608	97.9	3.3	0.8
542	3/26/2015 05:45:52	12.71	47.83	31.11	8.48	8.13	4.9	3.569	97.2	2.2	0.5
543	3/26/2015 06:00:52	13.05	47.14	30.62	8.42	8.11	6.2	3.509	96.9	2.1	0.5
544	3/26/2015 06:15:52	13.05	47.37	30.79	8.42	8.11	4.8	3.447	97.0	2.5	0.6
545	3/26/2015 06:30:53	13.09	47.06	30.57	8.42	8.10	5.1	3.368	96.8	2.6	0.6
546	3/26/2015 06:45:52	13.14	47.05	30.57	8.35	8.10	5.1	3.283	96.2	1.8	0.4
547	3/26/2015 07:00:52	13.09	47.19	30.67	8.36	8.10	5.6	3.192	96.2	2.2	0.5
548	3/26/2015 07:15:52	13.19	47.05	30.57	8.26	8.09	5.3	3.102	95.2	2.6	0.6
549	3/26/2015 07:30:52	13.27	46.94	30.49	8.24	8.08	5.3	3.012	95.1	1.7	0.4
550	3/26/2015 07:45:52	13.38	46.60	30.25	8.19	8.08	5.7	2.912	94.6	2.4	0.6
551	3/26/2015 08:00:52	13.46	46.23	29.98	8.17	8.07	5.5	2.822	94.4	2.0	0.5
552	3/26/2015 08:15:52	13.38	46.45	30.14	8.20	8.07	5.5	2.711	94.6	1.7	0.4
553	3/26/2015 08:30:52	13.62	45.79	29.67	8.20	8.07	5.6	2.625	94.8	2.2	0.5
554	3/26/2015 08:45:52	13.84	45.54	29.50	8.14	8.06	5.9	2.510	94.5	2.3	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
555	3/26/2015 09:00:52	14.11	45.25	29.30	8.11	8.06	6.4	2.400	94.6	1.9	0.4
556	3/26/2015 09:15:52	13.91	45.77	29.66	8.16	8.07	5.7	2.304	94.9	3.1	0.7
557	3/26/2015 09:30:53	14.17	45.35	29.37	8.15	8.06	5.4	2.193	95.2	2.6	0.6
558	3/26/2015 09:45:52	14.22	45.41	29.41	8.19	8.06	5.3	2.088	95.7	2.1	0.5
559	3/26/2015 10:00:52	14.36	45.28	29.33	8.21	8.06	5.5	1.988	96.2	2.6	0.6
560	3/26/2015 10:15:52	14.53	45.12	29.22	8.19	8.06	5.2	1.880	96.2	2.2	0.5
561	3/26/2015 10:30:52	14.64	45.08	29.19	8.14	8.06	5.4	1.792	95.9	2.5	0.6
562	3/26/2015 10:45:52	14.75	44.91	29.07	8.11	8.05	5.4	1.714	95.6	2.9	0.7
563	3/26/2015 11:00:52	14.86	44.87	29.04	8.12	8.05	5.0	1.651	96.0	2.3	0.5
564	3/26/2015 11:15:52	14.87	44.65	28.88	8.07	8.05	4.9	1.607	95.3	2.4	0.6
565	3/26/2015 11:30:52	15.01	44.68	28.91	7.97	8.04	4.9	1.575	94.4	2.0	0.5
566	3/26/2015 11:45:52	14.49	45.01	29.13	7.89	8.03	4.4	1.577	92.6	2.2	0.5
567	3/26/2015 12:00:52	14.49	45.08	29.19	7.92	8.03	4.5	1.589	93.0	2.6	0.6
568	3/26/2015 12:15:52	14.53	45.11	29.21	8.02	8.04	5.1	1.613	94.2	3.0	0.7
569	3/26/2015 12:30:52	14.55	45.12	29.22	8.03	8.04	5.6	1.645	94.4	2.6	0.6
570	3/26/2015 12:45:52	14.64	44.95	29.10	8.05	8.04	5.9	1.708	94.8	3.1	0.7
571	3/26/2015 13:00:52	14.61	44.73	28.94	8.04	8.03	5.6	1.759	94.4	2.0	0.5
572	3/26/2015 13:15:52	14.55	44.70	28.91	7.99	8.03	5.7	1.831	93.7	2.4	0.6
573	3/26/2015 13:30:52	14.51	44.62	28.85	7.97	8.03	5.6	1.899	93.4	2.8	0.7
574	3/26/2015 13:45:52	14.47	44.41	28.70	7.98	8.03	5.7	1.959	93.4	2.0	0.5
575	3/26/2015 14:00:52	14.44	44.73	28.93	7.94	8.03	5.3	2.041	92.9	2.5	0.6
576	3/26/2015 14:15:52	14.40	44.80	28.98	7.98	8.03	4.6	2.110	93.4	2.2	0.5
577	3/26/2015 14:30:52	14.14	45.13	29.21	8.00	8.04	4.5	2.170	93.3	2.1	0.5
578	3/26/2015 14:45:52	14.02	45.32	29.35	8.09	8.05	4.6	2.238	94.2	2.0	0.5
579	3/26/2015 15:00:52	13.85	45.76	29.66	8.15	8.05	4.3	2.307	94.7	1.9	0.4
580	3/26/2015 15:15:52	13.78	45.99	29.82	8.13	8.06	4.0	2.384	94.5	2.1	0.5
581	3/26/2015 15:30:52	13.74	46.08	29.88	8.16	8.06	4.3	2.449	94.8	1.5	0.3
582	3/26/2015 15:45:52	13.71	46.35	30.08	8.13	8.06	4.5	2.515	94.4	2.0	0.5
583	3/26/2015 16:00:52	13.70	46.41	30.12	8.15	8.06	4.0	2.591	94.7	2.2	0.5
584	3/26/2015 16:15:53	13.68	46.37	30.09	8.19	8.06	4.2	2.650	95.1	1.7	0.4
585	3/26/2015 16:30:52	13.72	46.39	30.11	8.24	8.07	4.0	2.720	95.7	2.0	0.5
586	3/26/2015 16:45:52	13.62	46.57	30.23	8.24	8.07	4.0	2.780	95.7	2.8	0.7
587	3/26/2015 17:00:52	13.57	46.52	30.19	8.26	8.07	4.3	2.845	95.8	2.4	0.6
588	3/26/2015 17:15:52	13.47	46.68	30.31	8.27	8.08	5.0	2.910	95.7	2.2	0.5
589	3/26/2015 17:30:52	13.46	46.72	30.34	8.31	8.09	5.6	2.952	96.2	2.7	0.6
590	3/26/2015 17:45:52	13.40	46.85	30.43	8.29	8.09	5.1	3.012	96.0	2.3	0.5
591	3/26/2015 18:00:52	13.36	46.90	30.46	8.33	8.09	4.7	3.053	96.3	1.4	0.3

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
592	3/26/2015 18:15:52	13.23	47.15	30.64	8.32	8.09	5.0	3.092	96.0	1.5	0.4
593	3/26/2015 18:30:52	13.11	47.31	30.75	8.30	8.10	4.0	3.121	95.6	2.5	0.6
594	3/26/2015 18:45:52	13.06	47.47	30.87	8.17	8.09	3.4	3.145	94.1	2.2	0.5
595	3/26/2015 19:00:53	13.15	47.25	30.71	8.20	8.09	2.5	3.150	94.5	2.0	0.5
596	3/26/2015 19:15:52	13.10	47.40	30.82	8.24	8.09	4.0	3.136	94.9	3.1	0.7
597	3/26/2015 19:30:52	13.13	47.34	30.78	8.27	8.09	3.6	3.102	95.3	2.6	0.6
598	3/26/2015 19:45:52	13.23	47.14	30.63	8.26	8.09	4.0	3.072	95.3	2.5	0.6
599	3/26/2015 20:00:52	13.64	46.55	30.22	8.14	8.07	4.3	3.039	94.5	2.8	0.7
600	3/26/2015 20:15:52	13.77	46.36	30.09	8.15	8.07	4.4	2.974	94.8	3.1	0.8
601	3/26/2015 20:30:52	13.66	46.56	30.23	8.18	8.08	5.1	2.917	95.0	2.4	0.6
602	3/26/2015 20:45:52	13.70	46.48	30.17	8.23	8.08	4.7	2.862	95.6	2.4	0.6
603	3/26/2015 21:00:53	13.84	46.22	29.99	8.21	8.07	5.0	2.807	95.6	2.5	0.6
604	3/26/2015 21:15:52	14.00	46.02	29.85	8.22	8.07	4.5	2.743	95.9	2.5	0.6
605	3/26/2015 21:30:52	14.06	45.85	29.73	8.19	8.06	4.8	2.690	95.6	2.4	0.6
606	3/26/2015 21:45:52	14.04	45.81	29.70	8.16	8.06	5.0	2.639	95.2	2.9	0.7
607	3/26/2015 22:00:52	14.05	45.76	29.66	8.11	8.06	4.7	2.584	94.7	2.7	0.7
608	3/26/2015 22:15:52	14.08	45.70	29.62	8.08	8.05	4.7	2.538	94.3	2.5	0.6
609	3/26/2015 22:30:52	14.15	45.46	29.45	8.05	8.05	4.4	2.503	94.0	3.4	0.8
610	3/26/2015 22:45:52	14.23	45.28	29.32	8.04	8.05	4.8	2.454	94.0	2.8	0.7
611	3/26/2015 23:00:52	14.27	45.25	29.30	8.07	8.05	4.1	2.428	94.4	3.1	0.7
612	3/26/2015 23:15:52	14.33	45.16	29.24	8.04	8.04	4.5	2.404	94.1	3.1	0.7
613	3/26/2015 23:30:52	14.41	44.99	29.12	8.04	8.04	3.3	2.386	94.2	3.5	0.8
614	3/26/2015 23:45:52	14.22	45.42	29.42	7.75	8.03	2.9	2.370	90.6	2.9	0.7
615	3/27/2015 00:00:52	14.15	45.28	29.32	7.91	8.03	4.3	2.365	92.4	2.9	0.7
616	3/27/2015 00:15:52	14.10	45.41	29.41	7.99	8.04	4.5	2.397	93.1	2.9	0.7
617	3/27/2015 00:30:52	14.19	45.25	29.30	8.02	8.04	4.2	2.406	93.7	3.1	0.7
618	3/27/2015 00:45:52	14.05	45.62	29.56	8.01	8.04	4.0	2.433	93.5	2.1	0.5
619	3/27/2015 01:00:52	14.11	45.43	29.43	8.05	8.05	4.5	2.468	93.9	3.2	0.8
620	3/27/2015 01:15:52	14.13	45.37	29.39	8.07	8.05	4.3	2.520	94.2	3.1	0.7
621	3/27/2015 01:30:52	14.08	45.41	29.41	8.06	8.04	4.4	2.568	94.0	2.5	0.6
622	3/27/2015 01:45:52	13.98	45.73	29.64	8.11	8.05	4.3	2.618	94.5	3.0	0.7
623	3/27/2015 02:00:52	13.87	45.84	29.71	8.15	8.06	4.1	2.677	94.7	2.6	0.6
624	3/27/2015 02:15:53	13.79	46.02	29.85	8.18	8.06	4.0	2.738	95.1	2.0	0.5
625	3/27/2015 02:30:52	13.80	45.89	29.75	8.19	8.06	4.0	2.791	95.2	2.1	0.5
626	3/27/2015 02:45:52	13.72	46.11	29.91	8.20	8.07	3.9	2.847	95.2	2.0	0.5
627	3/27/2015 03:00:52	13.56	46.58	30.24	8.22	8.08	3.6	2.905	95.3	1.7	0.4
628	3/27/2015 03:15:52	13.52	46.73	30.35	8.28	8.08	3.9	2.971	95.9	1.9	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
629	3/27/2015 03:30:53	13.40	46.83	30.41	8.28	8.08	3.6	3.027	95.8	2.2	0.5
630	3/27/2015 03:45:52	13.37	46.95	30.50	8.28	8.08	3.6	3.086	95.7	2.4	0.6
631	3/27/2015 04:00:52	13.21	47.20	30.68	8.31	8.09	3.9	3.157	96.0	2.4	0.6
632	3/27/2015 04:15:53	13.03	47.25	30.71	8.33	8.09	3.8	3.212	95.8	1.7	0.4
633	3/27/2015 04:30:52	12.95	47.48	30.87	8.31	8.10	3.6	3.261	95.5	3.0	0.7
634	3/27/2015 04:45:53	12.87	47.74	31.06	8.31	8.10	3.9	3.321	95.4	2.2	0.5
635	3/27/2015 05:00:53	12.78	47.96	31.21	8.30	8.10	3.6	3.367	95.2	1.9	0.5
636	3/27/2015 05:15:53	12.70	48.14	31.34	8.30	8.11	3.6	3.420	95.2	2.2	0.5
637	3/27/2015 05:30:53	12.65	48.23	31.40	8.25	8.11	3.7	3.445	94.6	1.7	0.4
638	3/27/2015 05:45:52	12.62	48.36	31.49	8.20	8.11	3.2	3.462	94.0	1.9	0.5
639	3/27/2015 06:00:52	12.67	48.30	31.45	8.18	8.10	2.8	3.472	93.8	1.7	0.4
640	3/27/2015 06:15:52	12.59	48.32	31.46	8.20	8.11	3.3	3.477	93.9	2.3	0.5
641	3/27/2015 06:30:52	12.60	48.43	31.54	8.23	8.11	3.7	3.454	94.3	0.7	0.2
642	3/27/2015 06:45:53	12.64	48.24	31.41	8.22	8.11	4.2	3.412	94.2	2.3	0.5
643	3/27/2015 07:00:52	12.85	47.73	31.05	8.19	8.10	5.3	3.368	94.0	2.2	0.5
644	3/27/2015 07:15:52	12.99	47.54	30.91	8.13	8.09	6.2	3.315	93.5	2.1	0.5
645	3/27/2015 07:30:52	13.04	47.50	30.89	8.12	8.09	5.1	3.252	93.5	1.7	0.4
646	3/27/2015 07:45:52	13.26	46.97	30.51	8.07	8.07	4.7	3.170	93.2	2.4	0.6
647	3/27/2015 08:00:52	13.38	46.73	30.34	8.07	8.06	4.9	3.101	93.2	1.7	0.4
648	3/27/2015 08:15:53	13.40	46.66	30.30	8.04	8.06	4.7	3.020	93.0	1.1	0.3
649	3/27/2015 08:30:52	13.51	46.43	30.13	8.01	8.06	5.4	2.942	92.7	1.8	0.4
650	3/27/2015 08:45:52	13.47	46.67	30.31	8.04	8.06	5.0	2.861	93.0	1.2	0.3
651	3/27/2015 09:00:52	13.50	46.40	30.11	8.05	8.06	4.7	2.772	93.1	1.8	0.4
652	3/27/2015 09:15:52	13.64	46.43	30.14	7.98	8.05	4.3	2.696	92.6	1.8	0.4
653	3/27/2015 09:30:53	13.69	46.32	30.06	8.03	8.05	4.2	2.604	93.2	2.7	0.6
654	3/27/2015 09:45:52	13.92	46.01	29.84	8.01	8.05	4.8	2.508	93.3	1.8	0.4
655	3/27/2015 10:00:52	14.29	45.32	29.35	7.97	8.04	4.2	2.412	93.3	2.3	0.5
656	3/27/2015 10:15:52	14.26	45.61	29.56	8.12	8.06	4.7	2.315	95.1	2.4	0.6
657	3/27/2015 10:30:52	14.51	45.22	29.28	8.09	8.05	4.5	2.217	95.0	1.9	0.4
658	3/27/2015 10:45:52	14.67	45.35	29.38	8.17	8.06	4.5	2.121	96.3	2.2	0.5
659	3/27/2015 11:00:52	14.92	45.23	29.30	8.17	8.06	4.7	2.032	96.8	2.1	0.5
660	3/27/2015 11:15:52	15.08	44.96	29.11	8.19	8.06	4.6	1.940	97.3	1.7	0.4
661	3/27/2015 11:30:52	15.14	45.04	29.17	8.21	8.06	4.4	1.874	97.6	2.5	0.6
662	3/27/2015 11:45:52	15.24	44.92	29.08	8.15	8.06	4.2	1.790	97.0	2.8	0.7
663	3/27/2015 12:00:51	15.34	44.81	29.01	8.19	8.06	4.2	1.714	97.7	2.3	0.5
664	3/27/2015 12:15:52	15.31	44.83	29.02	8.06	8.05	3.6	1.686	96.1	2.7	0.6
665	3/27/2015 12:30:52	15.44	44.84	29.03	8.06	8.05	3.4	1.656	96.3	1.6	0.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
666	3/27/2015 12:45:52	14.97	44.93	29.09	7.90	8.03	3.9	1.634	93.6	3.1	0.7
667	3/27/2015 13:00:52	14.84	44.99	29.13	7.90	8.03	3.2	1.647	93.3	2.0	0.5
668	3/27/2015 13:15:52	14.90	44.91	29.07	7.93	8.04	3.6	1.654	93.9	2.1	0.5
669	3/27/2015 13:30:52	15.24	44.94	29.10	8.04	8.05	4.0	1.693	95.7	2.0	0.5
670	3/27/2015 13:45:52	15.27	44.72	28.94	8.11	8.04	3.8	1.720	96.6	2.4	0.6
671	3/27/2015 14:00:51	15.22	44.75	28.96	8.06	8.04	3.9	1.788	95.8	2.5	0.6
672	3/27/2015 14:15:52	15.04	44.41	28.72	8.00	8.03	4.7	1.834	94.7	3.1	0.7
673	3/27/2015 14:30:52	14.95	44.46	28.75	7.97	8.03	4.7	1.894	94.2	2.5	0.6
674	3/27/2015 14:45:52	14.89	44.36	28.68	7.98	8.03	4.3	1.945	94.2	3.0	0.7
675	3/27/2015 15:00:52	14.80	44.46	28.74	7.93	8.02	4.2	2.013	93.4	3.0	0.7
676	3/27/2015 15:15:52	14.74	44.74	28.95	7.90	8.03	4.0	2.078	93.0	2.1	0.5
677	3/27/2015 15:30:53	14.65	44.61	28.85	7.90	8.02	4.2	2.129	92.9	3.4	0.8
678	3/27/2015 15:45:52	14.34	45.17	29.25	7.94	8.03	3.9	2.209	92.9	2.3	0.5
679	3/27/2015 16:00:52	14.32	45.25	29.30	7.95	8.04	4.2	2.271	93.0	3.1	0.7
680	3/27/2015 16:15:52	14.26	45.39	29.40	8.02	8.04	3.8	2.334	93.9	2.4	0.6
681	3/27/2015 16:30:52	14.18	45.58	29.54	8.06	8.04	3.6	2.426	94.2	2.0	0.5
682	3/27/2015 16:45:52	14.09	45.90	29.77	8.00	8.04	3.5	2.485	93.5	2.4	0.6
683	3/27/2015 17:00:52	14.31	45.81	29.71	8.08	8.05	3.7	2.561	94.9	2.2	0.5
684	3/27/2015 17:15:52	13.95	46.25	30.01	8.06	8.05	3.9	2.623	94.0	2.7	0.6
685	3/27/2015 17:30:52	13.87	46.40	30.12	8.06	8.05	3.7	2.684	94.0	1.9	0.5
686	3/27/2015 17:45:52	13.85	46.43	30.14	8.06	8.05	3.4	2.744	93.9	1.8	0.4
687	3/27/2015 18:00:52	13.77	46.49	30.18	8.05	8.05	3.5	2.815	93.7	1.8	0.4
688	3/27/2015 18:15:53	13.75	46.55	30.22	8.01	8.05	3.6	2.869	93.2	2.3	0.5
689	3/27/2015 18:30:53	13.71	46.62	30.27	8.06	8.06	3.6	2.914	93.7	1.7	0.4
690	3/27/2015 18:45:53	13.64	46.67	30.31	8.05	8.06	3.2	2.963	93.5	2.0	0.5
691	3/27/2015 19:00:53	13.57	46.76	30.37	8.06	8.06	3.7	3.011	93.6	1.9	0.5
692	3/27/2015 19:15:52	13.53	46.84	30.42	8.04	8.07	3.2	3.060	93.2	1.6	0.4
693	3/27/2015 19:30:52	13.50	46.93	30.49	8.00	8.06	2.9	3.081	92.8	2.1	0.5
694	3/27/2015 19:45:52	13.46	47.00	30.54	7.95	8.06	2.9	3.110	92.1	3.8	0.9
695	3/27/2015 20:00:52	13.57	46.74	30.35	7.96	8.06	2.9	3.117	92.4	1.8	0.4
696	3/27/2015 20:15:52	13.48	46.98	30.52	7.94	8.06	2.8	3.125	92.0	1.5	0.4
697	3/27/2015 20:30:53	13.46	46.91	30.48	7.92	8.06	2.9	3.110	91.8	0.9	0.2
698	3/27/2015 20:45:52	13.51	46.76	30.37	7.98	8.06	3.1	3.098	92.5	1.6	0.4
699	3/27/2015 21:00:52	13.57	46.83	30.42	7.95	8.06	4.0	3.054	92.2	2.1	0.5
700	3/27/2015 21:15:53	13.95	46.41	30.13	7.91	8.05	3.4	3.012	92.3	1.0	0.2
701	3/27/2015 21:30:52	14.18	46.18	29.97	7.88	8.05	4.7	2.969	92.4	2.4	0.6
702	3/27/2015 21:45:52	14.01	46.27	30.03	7.98	8.05	5.1	2.914	93.2	2.8	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
703	3/27/2015 22:00:52	13.86	46.32	30.06	7.97	8.04	5.6	2.847	92.8	2.2	0.5
704	3/27/2015 22:15:52	13.95	46.24	30.01	7.91	8.04	5.0	2.812	92.4	2.7	0.6
705	3/27/2015 22:30:52	13.95	46.26	30.02	7.90	8.04	5.4	2.747	92.2	2.5	0.6
706	3/27/2015 22:45:52	14.01	46.11	29.91	7.88	8.04	5.7	2.691	92.0	2.3	0.5
707	3/27/2015 23:00:52	14.13	45.88	29.75	7.88	8.04	5.0	2.655	92.2	2.7	0.6
708	3/27/2015 23:15:52	14.28	45.38	29.40	7.85	8.03	4.8	2.606	91.9	2.6	0.6
709	3/27/2015 23:30:52	14.25	45.50	29.48	7.76	8.03	5.2	2.556	90.8	2.8	0.7
710	3/27/2015 23:45:52	14.28	45.42	29.43	7.77	8.03	4.5	2.515	91.0	2.6	0.6
711	3/28/2015 00:00:52	14.45	45.14	29.23	7.77	8.02	4.1	2.483	91.2	2.2	0.5
712	3/28/2015 00:15:52	14.45	45.14	29.22	7.83	8.02	4.4	2.458	91.9	2.7	0.6
713	3/28/2015 00:30:52	14.63	45.00	29.13	7.86	8.03	3.6	2.436	92.5	2.1	0.5
714	3/28/2015 00:45:52	14.61	44.97	29.11	7.85	8.03	3.6	2.409	92.3	2.5	0.6
715	3/28/2015 01:00:52	14.58	44.99	29.12	7.63	8.02	3.1	2.403	89.7	2.5	0.6
716	3/28/2015 01:15:52	14.46	44.98	29.11	7.70	8.02	4.2	2.413	90.3	2.5	0.6
717	3/28/2015 01:30:52	14.60	44.81	28.99	7.74	8.02	3.6	2.416	91.0	2.3	0.6
718	3/28/2015 01:45:52	14.51	45.06	29.17	7.74	8.02	3.5	2.438	90.9	2.4	0.6
719	3/28/2015 02:00:52	14.38	45.26	29.31	7.79	8.02	4.0	2.466	91.3	3.2	0.8
720	3/28/2015 02:15:52	14.37	45.42	29.43	7.80	8.02	3.9	2.503	91.5	2.4	0.6
721	3/28/2015 02:30:52	14.40	45.38	29.39	7.84	8.02	3.9	2.545	92.0	2.6	0.6
722	3/28/2015 02:45:52	14.31	45.46	29.46	7.85	8.02	3.9	2.577	92.0	2.6	0.6
723	3/28/2015 03:00:52	14.25	45.77	29.68	7.90	8.03	3.8	2.626	92.5	2.2	0.5
724	3/28/2015 03:15:52	14.17	45.79	29.69	7.91	8.03	3.7	2.685	92.5	1.6	0.4
725	3/28/2015 03:30:52	14.04	45.99	29.83	7.93	8.04	3.7	2.724	92.6	1.9	0.4
726	3/28/2015 03:45:52	14.04	46.04	29.87	7.95	8.04	3.5	2.783	92.9	2.0	0.5
727	3/28/2015 04:00:52	14.01	46.03	29.86	7.95	8.04	3.4	2.832	92.8	2.6	0.6
728	3/28/2015 04:15:52	13.88	46.17	29.95	7.99	8.05	3.7	2.896	93.0	1.6	0.4
729	3/28/2015 04:30:53	13.73	46.54	30.22	8.01	8.05	3.2	2.941	93.2	1.7	0.4
730	3/28/2015 04:45:52	13.62	46.52	30.20	8.07	8.06	3.2	2.995	93.6	0.8	0.2
731	3/28/2015 05:00:52	13.55	46.58	30.24	8.09	8.06	3.1	3.051	93.7	1.9	0.4
732	3/28/2015 05:15:52	13.58	46.62	30.27	8.07	8.06	3.1	3.102	93.7	1.8	0.4
733	3/28/2015 05:30:52	13.49	46.78	30.38	8.06	8.06	2.9	3.158	93.3	2.3	0.5
734	3/28/2015 05:45:52	13.37	46.89	30.45	8.04	8.07	2.7	3.210	92.9	1.6	0.4
735	3/28/2015 06:00:52	13.19	47.33	30.77	8.06	8.07	2.6	3.253	93.0	1.6	0.4
736	3/28/2015 06:15:53	13.08	47.46	30.86	8.09	8.08	2.6	3.300	93.2	1.1	0.3
737	3/28/2015 06:30:52	12.99	47.62	30.97	8.07	8.08	2.6	3.328	92.8	1.7	0.4
738	3/28/2015 06:45:52	12.98	47.73	31.05	8.02	8.08	2.8	3.366	92.3	1.8	0.4
739	3/28/2015 07:00:52	12.97	47.54	30.91	7.96	8.07	2.8	3.378	91.6	2.0	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
740	3/28/2015 07:15:53	12.97	47.90	31.17	7.91	8.08	2.6	3.388	91.1	2.6	0.6
741	3/28/2015 07:30:52	12.96	47.96	31.22	7.89	8.08	3.0	3.386	90.9	1.6	0.4
742	3/28/2015 07:45:52	12.94	48.06	31.29	8.00	8.08	2.6	3.362	92.2	1.5	0.4
743	3/28/2015 08:00:52	13.33	46.50	30.17	7.91	8.05	4.3	3.328	91.3	1.8	0.4
744	3/28/2015 08:15:52	13.24	47.06	30.58	7.90	8.06	3.7	3.270	91.2	0.9	0.2
745	3/28/2015 08:30:52	13.23	47.19	30.67	7.93	8.06	3.9	3.213	91.5	2.0	0.5
746	3/28/2015 08:45:53	13.49	46.38	30.09	7.89	8.05	4.5	3.162	91.2	2.0	0.5
747	3/28/2015 09:00:52	13.52	46.46	30.15	7.86	8.04	4.3	3.086	91.0	1.7	0.4
748	3/28/2015 09:15:52	13.67	46.26	30.01	7.88	8.04	4.3	3.003	91.4	2.1	0.5
749	3/28/2015 09:30:52	13.73	46.22	29.99	7.93	8.04	4.2	2.937	92.1	2.6	0.6
750	3/28/2015 09:45:52	13.80	46.25	30.01	7.91	8.04	3.6	2.863	92.1	1.9	0.4
751	3/28/2015 10:00:52	13.89	46.26	30.02	7.98	8.04	4.1	2.765	93.0	1.1	0.3
752	3/28/2015 10:15:53	14.07	45.94	29.79	8.01	8.04	3.8	2.685	93.6	2.7	0.7
753	3/28/2015 10:30:52	14.24	45.68	29.61	8.06	8.05	4.5	2.604	94.4	2.3	0.5
754	3/28/2015 10:45:52	14.38	45.50	29.49	8.01	8.04	4.3	2.516	94.0	2.0	0.5
755	3/28/2015 11:00:52	14.48	45.67	29.61	8.08	8.05	4.5	2.423	95.1	2.3	0.5
756	3/28/2015 11:15:52	14.67	45.63	29.58	8.33	8.07	5.4	2.317	98.4	2.1	0.5
757	3/28/2015 11:30:52	14.82	45.37	29.40	8.42	8.07	5.0	2.244	99.6	3.2	0.8
758	3/28/2015 11:45:52	14.93	45.24	29.31	8.44	8.08	5.1	2.149	100.0	2.0	0.5
759	3/28/2015 12:00:52	15.08	45.30	29.35	8.47	8.08	6.2	2.050	100.8	2.7	0.6
760	3/28/2015 12:15:52	15.21	45.21	29.30	8.47	8.09	5.7	1.977	101.0	2.0	0.5
761	3/28/2015 12:30:52	15.36	44.98	29.13	8.55	8.09	6.1	1.886	102.1	2.6	0.6
762	3/28/2015 12:45:51	15.49	45.12	29.23	8.53	8.09	7.0	1.824	102.2	2.7	0.6
763	3/28/2015 13:00:51	15.49	45.06	29.19	8.48	8.09	7.4	1.769	101.6	2.5	0.6
764	3/28/2015 13:15:51	15.37	44.98	29.13	8.30	8.07	4.7	1.728	99.1	1.6	0.4
765	3/28/2015 13:30:51	15.03	45.18	29.27	7.84	8.05	2.8	1.694	93.0	1.6	0.4
766	3/28/2015 13:45:52	14.90	45.12	29.22	8.02	8.05	3.4	1.677	94.9	2.2	0.5
767	3/28/2015 14:00:52	15.19	45.01	29.15	8.25	8.06	4.0	1.698	98.2	2.7	0.6
768	3/28/2015 14:15:52	15.12	45.15	29.25	8.21	8.05	3.7	1.684	97.7	2.1	0.5
769	3/28/2015 14:30:52	15.52	44.85	29.04	8.33	8.07	4.0	1.694	99.8	1.8	0.4
770	3/28/2015 14:45:52	15.47	44.92	29.09	8.34	8.07	4.0	1.749	99.8	2.4	0.6
771	3/28/2015 15:00:52	15.07	45.11	29.22	8.09	8.05	3.3	1.794	96.1	2.1	0.5
772	3/28/2015 15:15:52	15.16	45.07	29.19	8.22	8.06	3.5	1.840	97.8	2.4	0.6
773	3/28/2015 15:30:52	15.16	45.17	29.26	8.18	8.06	3.6	1.879	97.4	2.3	0.5
774	3/28/2015 15:45:52	15.48	44.92	29.09	8.32	8.07	3.8	1.947	99.6	2.6	0.6
775	3/28/2015 16:00:52	15.33	44.98	29.13	8.23	8.06	3.6	1.996	98.2	2.0	0.5
776	3/28/2015 16:15:52	15.33	44.93	29.10	8.26	8.06	3.6	2.047	98.5	2.7	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
777	3/28/2015 16:30:52	15.25	45.03	29.17	8.19	8.05	4.3	2.117	97.6	2.3	0.5
778	3/28/2015 16:45:52	15.13	45.04	29.17	8.14	8.05	3.6	2.193	96.8	2.0	0.5
779	3/28/2015 17:00:52	14.81	45.21	29.28	8.03	8.04	3.2	2.252	95.0	1.9	0.4
780	3/28/2015 17:15:52	14.59	45.47	29.47	8.05	8.04	3.3	2.318	94.9	1.5	0.4
781	3/28/2015 17:30:52	14.41	45.77	29.68	8.05	8.04	3.4	2.396	94.6	2.7	0.7
782	3/28/2015 17:45:52	14.28	45.87	29.75	8.05	8.04	3.7	2.471	94.4	2.6	0.6
783	3/28/2015 18:00:52	14.06	46.21	29.99	7.97	8.04	3.0	2.535	93.2	1.1	0.3
784	3/28/2015 18:15:52	14.05	46.26	30.03	7.98	8.04	4.3	2.611	93.3	2.5	0.6
785	3/28/2015 18:30:52	14.04	46.27	30.03	8.00	8.04	3.4	2.678	93.5	2.1	0.5
786	3/28/2015 18:45:52	13.99	46.27	30.03	7.98	8.04	4.1	2.734	93.2	1.9	0.5
787	3/28/2015 19:00:52	14.06	46.13	29.93	7.99	8.05	3.4	2.809	93.4	1.8	0.4
788	3/28/2015 19:15:52	14.02	46.12	29.92	8.04	8.05	3.3	2.861	93.9	1.7	0.4
789	3/28/2015 19:30:52	13.89	46.35	30.09	8.03	8.05	4.0	2.921	93.6	2.2	0.5
790	3/28/2015 19:45:53	13.73	46.63	30.28	7.97	8.05	3.2	2.973	92.7	2.0	0.5
791	3/28/2015 20:00:52	13.63	46.68	30.32	7.98	8.05	3.3	3.028	92.7	2.1	0.5
792	3/28/2015 20:15:52	13.55	46.97	30.52	7.99	8.05	3.4	3.070	92.7	1.6	0.4
793	3/28/2015 20:30:52	13.53	47.00	30.54	7.96	8.06	2.8	3.111	92.4	2.1	0.5
794	3/28/2015 20:45:52	13.49	46.93	30.49	8.00	8.06	3.2	3.143	92.7	2.2	0.5
795	3/28/2015 21:00:52	13.60	47.02	30.56	7.78	8.05	3.1	3.160	90.5	2.4	0.6
796	3/28/2015 21:15:52	13.54	46.94	30.50	7.72	8.05	2.3	3.164	89.6	1.2	0.3
797	3/28/2015 21:30:52	13.51	47.09	30.61	7.88	8.05	3.0	3.170	91.4	1.7	0.4
798	3/28/2015 21:45:53	13.50	47.03	30.56	7.94	8.05	3.8	3.143	92.2	2.1	0.5
799	3/28/2015 22:00:53	13.54	46.92	30.49	7.97	8.05	5.2	3.116	92.5	3.3	0.8
800	3/28/2015 22:15:53	13.49	46.72	30.34	8.00	8.05	9.0	3.073	92.7	2.2	0.5
801	3/28/2015 22:30:53	13.70	46.57	30.24	8.06	8.05	9.1	3.020	93.7	2.2	0.5
802	3/28/2015 22:45:53	13.66	46.60	30.26	8.07	8.05	7.3	2.952	93.8	2.1	0.5
803	3/28/2015 23:00:52	13.61	46.70	30.33	8.08	8.05	7.1	2.896	93.8	2.4	0.6
804	3/28/2015 23:15:53	13.74	46.56	30.23	8.08	8.05	5.8	2.844	94.0	3.0	0.7
805	3/28/2015 23:30:53	13.81	46.45	30.15	8.07	8.05	6.3	2.780	94.0	2.0	0.5
806	3/28/2015 23:45:52	13.80	46.33	30.07	8.05	8.04	6.0	2.717	93.7	2.6	0.6
807	3/29/2015 00:00:52	13.88	46.11	29.91	8.02	8.04	5.3	2.657	93.4	2.4	0.6
808	3/29/2015 00:15:52	13.84	46.17	29.95	7.98	8.04	6.1	2.617	92.9	1.9	0.5
809	3/29/2015 00:30:52	13.96	45.85	29.73	7.93	8.04	6.1	2.555	92.4	2.6	0.6
810	3/29/2015 00:45:52	14.04	45.77	29.67	7.92	8.03	5.9	2.506	92.4	1.9	0.5
811	3/29/2015 01:00:52	14.25	45.42	29.42	7.95	8.03	6.1	2.469	93.0	3.1	0.7
812	3/29/2015 01:15:52	14.22	45.51	29.49	7.89	8.03	6.2	2.422	92.3	2.6	0.6
813	3/29/2015 01:30:52	14.34	45.38	29.40	7.89	8.03	6.5	2.390	92.5	2.9	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH				ug/L	%FS
814	3/29/2015 01:45:52	14.39	45.39	29.40	7.92	8.03	6.1	2.355	92.9	2.2	0.5
815	3/29/2015 02:00:52	14.52	45.27	29.32	7.90	8.03	6.3	2.352	92.9	3.0	0.7
816	3/29/2015 02:15:52	14.48	45.24	29.30	7.57	8.02	5.3	2.331	88.9	2.7	0.6
817	3/29/2015 02:30:52	14.56	45.17	29.25	7.24	8.01	5.2	2.330	85.2	2.3	0.6
818	3/29/2015 02:45:52	14.60	45.13	29.23	7.86	8.03	6.5	2.347	92.5	3.2	0.8
819	3/29/2015 03:00:52	14.38	45.33	29.36	7.85	8.02	5.9	2.361	92.1	2.9	0.7
820	3/29/2015 03:15:52	14.22	45.56	29.52	7.86	8.02	5.0	2.391	91.9	2.4	0.6
821	3/29/2015 03:30:52	14.15	45.73	29.65	7.88	8.02	5.0	2.419	92.1	2.3	0.6
822	3/29/2015 03:45:53	14.29	45.45	29.44	7.92	8.02	5.5	2.469	92.7	1.9	0.5
823	3/29/2015 04:00:52	14.24	45.28	29.32	7.92	8.02	5.4	2.512	92.5	2.0	0.5
824	3/29/2015 04:15:52	14.12	45.69	29.62	7.92	8.02	5.3	2.561	92.5	2.6	0.6
825	3/29/2015 04:30:52	14.07	45.87	29.74	7.92	8.03	5.1	2.606	92.5	2.3	0.5
826	3/29/2015 04:45:52	13.92	46.06	29.88	7.95	8.03	5.1	2.659	92.7	2.4	0.6
827	3/29/2015 05:00:52	13.85	46.15	29.94	7.98	8.03	4.8	2.720	92.9	1.8	0.4
828	3/29/2015 05:15:52	13.79	46.19	29.96	8.02	8.04	4.7	2.771	93.2	1.3	0.3
829	3/29/2015 05:30:52	13.70	46.39	30.10	8.04	8.04	4.8	2.823	93.4	2.1	0.5
830	3/29/2015 05:45:52	13.57	46.75	30.36	8.03	8.05	4.3	2.885	93.1	2.3	0.5
831	3/29/2015 06:00:52	13.54	46.73	30.35	8.07	8.05	4.2	2.953	93.6	2.2	0.5
832	3/29/2015 06:15:53	13.45	46.86	30.44	8.09	8.05	4.5	3.007	93.7	1.7	0.4
833	3/29/2015 06:30:53	13.39	46.90	30.47	8.11	8.06	3.7	3.066	93.8	2.0	0.5
834	3/29/2015 06:45:52	13.30	47.15	30.64	8.14	8.06	3.6	3.123	94.1	1.1	0.3
835	3/29/2015 07:00:52	13.21	47.28	30.73	8.12	8.06	3.7	3.173	93.8	2.0	0.5
836	3/29/2015 07:15:53	13.13	47.48	30.88	8.09	8.06	3.2	3.218	93.3	2.0	0.5
837	3/29/2015 07:30:53	13.06	47.66	31.00	8.06	8.07	3.1	3.257	93.0	2.0	0.5
838	3/29/2015 07:45:53	13.03	47.78	31.09	8.03	8.07	2.8	3.281	92.5	2.3	0.6
839	3/29/2015 08:00:53	13.01	47.70	31.03	8.03	8.07	2.8	3.313	92.5	1.0	0.2
840	3/29/2015 08:15:52	13.00	47.74	31.06	7.90	8.06	2.6	3.329	91.0	2.0	0.5
841	3/29/2015 08:30:52	13.01	47.91	31.18	7.96	8.06	3.2	3.320	91.7	4.5	1.1
842	3/29/2015 08:45:52	12.96	47.96	31.22	7.92	8.06	2.9	3.312	91.2	1.9	0.4
843	3/29/2015 09:00:53	13.05	47.83	31.12	7.97	8.07	4.0	3.292	91.9	1.4	0.3
844	3/29/2015 09:15:52	13.31	47.12	30.62	8.00	8.05	3.9	3.256	92.4	1.0	0.2
845	3/29/2015 09:30:53	13.64	46.57	30.23	7.94	8.04	4.9	3.203	92.2	1.9	0.4
846	3/29/2015 09:45:53	13.67	46.68	30.32	8.08	8.05	4.5	3.154	94.0	1.6	0.4
847	3/29/2015 10:00:53	13.65	46.77	30.38	8.14	8.06	4.1	3.078	94.6	1.8	0.4
848	3/29/2015 10:15:53	13.74	46.74	30.36	8.04	8.05	4.3	3.016	93.6	1.5	0.4
849	3/29/2015 10:30:53	13.94	46.53	30.22	8.12	8.05	4.3	2.939	94.9	1.7	0.4
850	3/29/2015 10:45:52	14.02	46.59	30.26	8.16	8.05	5.1	2.857	95.5	2.0	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
851	3/29/2015 11:00:52	14.15	46.48	30.19	8.13	8.05	4.3	2.777	95.4	2.2	0.5
852	3/29/2015 11:15:53	14.32	46.40	30.13	8.14	8.05	4.3	2.699	95.7	1.9	0.4
853	3/29/2015 11:30:52	14.48	46.19	29.99	8.14	8.04	5.2	2.608	96.1	2.1	0.5
854	3/29/2015 11:45:52	14.68	46.07	29.90	8.23	8.05	4.5	2.528	97.5	1.5	0.3
855	3/29/2015 12:00:52	14.89	46.01	29.86	8.29	8.05	4.7	2.445	98.5	2.1	0.5
856	3/29/2015 12:15:52	15.11	45.92	29.80	8.35	8.06	5.0	2.351	99.6	2.0	0.5
857	3/29/2015 12:30:52	15.40	45.65	29.62	8.30	8.06	5.4	2.258	99.6	2.6	0.6
858	3/29/2015 12:45:52	15.71	45.54	29.54	8.35	8.07	5.1	2.164	100.7	1.7	0.4
859	3/29/2015 13:00:52	15.69	45.47	29.49	8.41	8.07	5.4	2.071	101.3	2.9	0.7
860	3/29/2015 13:15:52	15.81	45.31	29.37	8.40	8.07	5.5	1.998	101.4	2.4	0.6
861	3/29/2015 13:30:52	15.90	45.36	29.41	8.39	8.07	6.1	1.914	101.4	2.4	0.6
862	3/29/2015 13:45:52	16.09	45.34	29.40	8.41	8.08	6.4	1.836	102.1	2.7	0.7
863	3/29/2015 14:00:52	16.05	45.28	29.36	8.33	8.07	5.3	1.796	101.0	1.2	0.3
864	3/29/2015 14:15:52	16.19	45.35	29.41	8.30	8.07	5.5	1.730	100.9	1.8	0.4
865	3/29/2015 14:30:51	16.48	45.15	29.27	8.39	8.08	4.3	1.687	102.5	1.5	0.3
866	3/29/2015 14:45:51	16.02	45.36	29.42	8.10	8.06	4.7	1.693	98.2	1.5	0.4
867	3/29/2015 15:00:52	15.54	45.29	29.35	8.25	8.06	4.5	1.683	99.0	1.6	0.4
868	3/29/2015 15:15:52	15.71	45.38	29.42	8.31	8.06	4.8	1.691	100.1	2.7	0.6
869	3/29/2015 15:30:52	15.76	45.30	29.37	8.32	8.06	4.7	1.717	100.3	2.0	0.5
870	3/29/2015 15:45:52	15.87	45.22	29.31	8.30	8.07	4.3	1.733	100.2	1.8	0.4
871	3/29/2015 16:00:52	15.54	45.32	29.38	8.18	8.05	4.3	1.805	98.2	2.3	0.5
872	3/29/2015 16:15:52	15.52	45.29	29.36	8.21	8.05	4.3	1.840	98.5	1.9	0.5
873	3/29/2015 16:30:52	15.78	44.89	29.07	8.25	8.06	5.0	1.889	99.3	2.7	0.6
874	3/29/2015 16:45:52	15.72	45.09	29.22	8.19	8.05	5.0	1.961	98.6	2.3	0.6
875	3/29/2015 17:00:52	15.76	44.92	29.09	8.12	8.05	5.3	2.013	97.8	1.7	0.4
876	3/29/2015 17:15:52	15.63	44.95	29.11	8.13	8.05	5.0	2.085	97.6	3.2	0.8
877	3/29/2015 17:30:52	15.43	45.19	29.28	8.03	8.04	4.4	2.158	96.1	2.2	0.5
878	3/29/2015 17:45:52	15.19	45.28	29.35	7.97	8.03	4.3	2.207	95.0	1.8	0.4
879	3/29/2015 18:00:52	14.89	45.58	29.55	8.00	8.03	4.0	2.301	94.9	1.9	0.4
880	3/29/2015 18:15:52	14.88	45.60	29.57	8.08	8.04	5.0	2.363	95.9	2.2	0.5
881	3/29/2015 18:30:52	14.69	45.90	29.78	8.08	8.04	4.3	2.435	95.6	2.6	0.6
882	3/29/2015 18:45:52	14.76	45.68	29.62	8.19	8.04	4.7	2.519	97.0	2.3	0.6
883	3/29/2015 19:00:52	14.59	45.98	29.83	8.21	8.04	4.2	2.594	97.0	2.6	0.6
884	3/29/2015 19:15:52	14.20	46.42	30.14	8.14	8.04	3.9	2.656	95.6	1.5	0.4
885	3/29/2015 19:30:52	13.96	46.71	30.34	8.09	8.04	3.8	2.728	94.6	1.5	0.4
886	3/29/2015 19:45:52	13.84	46.88	30.47	8.07	8.04	7.0	2.790	94.2	2.0	0.5
887	3/29/2015 20:00:52	13.76	47.05	30.58	8.08	8.05	4.1	2.865	94.2	1.9	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
888	3/29/2015 20:15:53	13.72	47.09	30.61	8.08	8.05	3.9	2.933	94.2	2.1	0.5
889	3/29/2015 20:30:52	13.67	47.18	30.68	8.11	8.05	4.7	3.003	94.5	2.1	0.5
890	3/29/2015 20:45:52	13.63	47.28	30.75	8.12	8.05	5.3	3.050	94.6	1.7	0.4
891	3/29/2015 21:00:52	13.55	47.38	30.82	8.14	8.06	4.2	3.102	94.7	2.2	0.5
892	3/29/2015 21:15:53	13.47	47.52	30.91	8.12	8.06	4.1	3.160	94.4	2.3	0.5
893	3/29/2015 21:30:52	13.35	47.71	31.05	8.08	8.06	4.5	3.198	93.7	2.0	0.5
894	3/29/2015 21:45:52	13.19	47.93	31.20	8.07	8.06	4.5	3.240	93.4	1.9	0.5
895	3/29/2015 22:00:52	13.14	48.09	31.32	8.00	8.06	3.4	3.231	92.6	1.6	0.4
896	3/29/2015 22:15:53	13.24	47.89	31.17	8.05	8.06	3.5	3.245	93.2	2.8	0.7
897	3/29/2015 22:30:52	13.20	47.87	31.16	8.00	8.06	3.7	3.230	92.6	1.8	0.4
898	3/29/2015 22:45:52	13.19	48.00	31.25	8.04	8.06	3.7	3.195	93.1	1.6	0.4
899	3/29/2015 23:00:53	13.42	47.61	30.98	8.01	8.05	3.8	3.162	93.0	1.4	0.3
900	3/29/2015 23:15:52	13.73	46.82	30.42	8.00	8.04	5.7	3.122	93.1	2.1	0.5
901	3/29/2015 23:30:52	13.62	47.21	30.70	8.07	8.05	6.9	3.059	93.9	2.6	0.6
902	3/29/2015 23:45:52	13.60	47.20	30.69	8.09	8.05	5.4	2.992	94.1	2.1	0.5
903	3/30/2015 00:00:52	13.68	47.08	30.60	8.10	8.05	5.0	2.924	94.3	2.4	0.6
904	3/30/2015 00:15:52	13.77	46.92	30.49	8.05	8.05	4.9	2.851	93.9	1.8	0.4
905	3/30/2015 00:30:52	13.93	46.53	30.21	7.98	8.04	5.1	2.780	93.1	1.9	0.4
906	3/30/2015 00:45:52	14.07	46.34	30.08	7.97	8.04	5.3	2.722	93.3	2.1	0.5
907	3/30/2015 01:00:52	14.17	46.22	30.00	7.90	8.03	4.6	2.657	92.6	2.7	0.6
908	3/30/2015 01:15:52	14.24	46.08	29.90	7.86	8.03	4.3	2.594	92.2	2.2	0.5
909	3/30/2015 01:30:52	14.18	46.09	29.90	7.80	8.02	4.8	2.526	91.4	2.4	0.6
910	3/30/2015 01:45:52	14.23	46.03	29.86	7.80	8.02	5.2	2.460	91.5	2.6	0.6
911	3/30/2015 02:00:53	14.63	45.54	29.52	7.79	8.02	4.8	2.431	91.9	2.8	0.7
912	3/30/2015 02:15:53	14.78	45.49	29.49	7.80	8.03	5.2	2.346	92.3	2.3	0.6
913	3/30/2015 02:30:52	14.75	45.64	29.59	7.83	8.03	4.9	2.291	92.6	2.6	0.6
914	3/30/2015 02:45:52	14.90	45.49	29.49	7.89	8.04	5.2	2.281	93.6	2.9	0.7
915	3/30/2015 03:00:52	15.00	45.38	29.41	7.92	8.05	4.7	2.245	94.1	2.9	0.7
916	3/30/2015 03:15:52	15.09	45.28	29.34	7.85	8.05	4.4	2.231	93.3	2.8	0.7
917	3/30/2015 03:30:52	14.84	45.49	29.48	7.71	8.03	4.2	2.231	91.3	1.9	0.5
918	3/30/2015 03:45:52	14.99	45.25	29.32	7.76	8.04	4.5	2.224	92.1	2.7	0.7
919	3/30/2015 04:00:52	14.69	45.57	29.54	7.82	8.03	4.6	2.255	92.3	1.8	0.4
920	3/30/2015 04:15:53	14.62	45.67	29.62	7.81	8.02	4.6	2.308	92.2	2.2	0.5
921	3/30/2015 04:30:53	14.52	45.74	29.66	7.76	8.02	4.3	2.338	91.4	2.5	0.6
922	3/30/2015 04:45:52	14.65	45.43	29.44	7.82	8.03	4.3	2.393	92.2	2.9	0.7
923	3/30/2015 05:00:52	14.44	45.74	29.66	7.79	8.02	4.2	2.443	91.6	2.6	0.6
924	3/30/2015 05:15:52	14.34	45.98	29.83	7.82	8.02	6.1	2.505	91.8	2.2	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
925	3/30/2015 05:30:52	14.13	46.12	29.93	7.84	8.02	4.9	2.557	91.8	2.6	0.6
926	3/30/2015 05:45:52	14.03	46.30	30.05	7.84	8.02	4.5	2.617	91.7	2.5	0.6
927	3/30/2015 06:00:52	13.99	46.38	30.11	7.85	8.03	4.1	2.683	91.7	2.2	0.5
928	3/30/2015 06:15:52	13.86	46.65	30.30	7.91	8.03	3.9	2.741	92.3	1.0	0.2
929	3/30/2015 06:30:52	13.76	46.96	30.52	7.88	8.04	4.5	2.781	91.9	2.0	0.5
930	3/30/2015 06:45:52	13.69	46.95	30.51	7.95	8.04	3.7	2.847	92.6	1.8	0.4
931	3/30/2015 07:00:52	13.68	47.01	30.55	7.99	8.04	3.3	2.918	93.1	1.4	0.3
932	3/30/2015 07:15:53	13.60	47.10	30.62	8.00	8.04	3.6	2.978	93.0	2.0	0.5
933	3/30/2015 07:30:53	13.48	47.24	30.72	8.02	8.04	3.3	3.011	93.1	1.9	0.5
934	3/30/2015 07:45:52	13.33	47.54	30.93	7.98	8.04	9.0	3.080	92.5	2.1	0.5
935	3/30/2015 08:00:52	13.14	47.90	31.18	7.97	8.05	3.2	3.118	92.1	1.2	0.3
936	3/30/2015 08:15:52	13.07	48.12	31.33	7.97	8.05	3.8	3.186	92.0	2.4	0.6
937	3/30/2015 08:30:53	13.00	48.17	31.37	7.99	8.05	3.9	3.237	92.2	2.0	0.5
938	3/30/2015 08:45:52	12.94	48.29	31.45	7.96	8.05	3.8	3.286	91.8	1.6	0.4
939	3/30/2015 09:00:53	12.91	48.30	31.46	7.94	8.05	3.2	3.314	91.6	2.1	0.5
940	3/30/2015 09:15:53	12.89	48.32	31.47	7.92	8.05	3.3	3.346	91.2	1.0	0.2
941	3/30/2015 09:30:52	12.86	48.31	31.47	7.80	8.05	2.6	3.356	89.8	1.6	0.4
942	3/30/2015 09:45:52	12.97	48.25	31.43	7.84	8.05	2.8	3.338	90.4	1.3	0.3
943	3/30/2015 10:00:53	12.93	48.29	31.45	7.89	8.05	3.3	3.314	91.0	1.6	0.4
944	3/30/2015 10:15:52	13.39	47.52	30.91	7.84	8.05	3.1	3.294	90.9	1.4	0.3
945	3/30/2015 10:30:53	13.59	47.18	30.67	7.92	8.04	3.9	3.245	92.1	1.8	0.4
946	3/30/2015 10:45:52	13.75	47.19	30.69	7.94	8.04	4.1	3.171	92.7	2.4	0.6
947	3/30/2015 11:00:52	13.64	47.37	30.81	7.96	8.04	5.1	3.109	92.8	1.9	0.5
948	3/30/2015 11:15:52	13.99	46.98	30.54	8.04	8.04	4.5	3.047	94.2	1.2	0.3
949	3/30/2015 11:30:52	13.91	47.02	30.57	7.99	8.04	3.6	2.965	93.5	1.9	0.5
950	3/30/2015 11:45:53	14.11	46.91	30.49	8.08	8.04	4.9	2.858	94.8	1.8	0.4
951	3/30/2015 12:00:53	14.33	46.61	30.29	8.09	8.04	3.9	2.794	95.3	1.9	0.4
952	3/30/2015 12:15:52	14.45	46.67	30.33	8.17	8.05	3.9	2.708	96.6	2.2	0.5
953	3/30/2015 12:30:52	14.62	46.57	30.26	8.21	8.05	3.7	2.621	97.3	2.4	0.6
954	3/30/2015 12:45:52	14.88	46.25	30.04	8.19	8.05	4.3	2.530	97.4	1.7	0.4
955	3/30/2015 13:00:52	15.22	46.50	30.22	8.26	8.06	4.8	2.434	99.1	1.9	0.5
956	3/30/2015 13:15:52	15.35	46.00	29.86	8.31	8.06	4.4	2.344	99.7	2.0	0.5
957	3/30/2015 13:30:52	15.77	46.22	30.03	8.44	8.07	4.6	2.264	102.1	2.0	0.5
958	3/30/2015 13:45:52	15.96	46.00	29.88	8.43	8.08	4.4	2.159	102.3	1.7	0.4
959	3/30/2015 14:00:52	16.22	45.99	29.87	8.51	8.08	4.2	2.056	103.9	2.1	0.5
960	3/30/2015 14:15:52	16.11	45.64	29.62	8.49	8.08	4.5	1.979	103.2	2.3	0.6
961	3/30/2015 14:30:51	16.47	45.72	29.68	8.66	8.10	4.4	1.912	106.0	2.0	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
962	3/30/2015 14:45:51	16.65	45.72	29.68	8.81	8.11	4.1	1.848	108.3	1.4	0.3
963	3/30/2015 15:00:51	17.01	45.75	29.71	8.89	8.11	5.3	1.755	110.0	2.3	0.6
964	3/30/2015 15:15:51	17.03	45.78	29.72	8.80	8.10	4.9	1.710	108.9	1.9	0.5
965	3/30/2015 15:30:52	16.56	45.50	29.52	8.20	8.08	3.5	1.698	100.6	2.2	0.5
966	3/30/2015 15:45:52	15.78	45.61	29.59	8.43	8.07	2.9	1.663	101.8	2.3	0.5
967	3/30/2015 16:00:52	15.69	45.59	29.58	8.40	8.07	3.4	1.654	101.2	2.3	0.6
968	3/30/2015 16:15:52	15.99	45.52	29.53	8.50	8.08	3.3	1.701	103.0	2.6	0.6
969	3/30/2015 16:30:51	16.41	45.46	29.49	8.64	8.10	3.5	1.733	105.6	2.3	0.5
970	3/30/2015 16:45:52	16.17	45.57	29.57	8.54	8.08	3.4	1.771	103.9	2.0	0.5
971	3/30/2015 17:00:52	16.10	45.54	29.54	8.44	8.07	3.5	1.816	102.6	2.5	0.6
972	3/30/2015 17:15:51	16.34	44.80	29.01	8.39	8.07	4.2	1.886	102.1	3.1	0.7
973	3/30/2015 17:30:51	16.19	44.86	29.06	8.35	8.06	4.7	1.966	101.4	3.3	0.8
974	3/30/2015 17:45:52	15.98	45.10	29.22	8.33	8.06	4.0	2.030	100.8	2.4	0.6
975	3/30/2015 18:00:52	15.93	45.20	29.29	8.26	8.05	4.0	2.090	99.9	2.6	0.6
976	3/30/2015 18:15:52	15.64	45.44	29.47	8.16	8.05	3.7	2.173	98.1	2.0	0.5
977	3/30/2015 18:30:52	15.42	45.62	29.59	8.10	8.04	3.9	2.248	97.2	2.9	0.7
978	3/30/2015 18:45:52	15.01	46.12	29.94	8.11	8.03	3.7	2.316	96.6	1.8	0.4
979	3/30/2015 19:00:52	14.87	46.23	30.02	8.07	8.03	3.6	2.399	95.9	2.4	0.6
980	3/30/2015 19:15:52	14.65	46.45	30.17	8.12	8.04	3.6	2.467	96.2	2.2	0.5
981	3/30/2015 19:30:52	14.57	46.59	30.27	8.11	8.04	3.5	2.546	96.0	2.2	0.5
982	3/30/2015 19:45:52	14.46	46.66	30.32	8.14	8.04	4.2	2.620	96.2	2.4	0.6
983	3/30/2015 20:00:52	14.39	46.75	30.39	8.13	8.04	4.2	2.690	96.0	3.3	0.8
984	3/30/2015 20:15:52	14.24	46.97	30.54	8.06	8.04	4.2	2.769	95.0	2.1	0.5
985	3/30/2015 20:30:52	14.14	47.10	30.63	8.08	8.04	5.7	2.843	95.0	2.7	0.6
986	3/30/2015 20:45:52	14.00	47.24	30.73	8.08	8.04	5.4	2.909	94.8	3.2	0.8
987	3/30/2015 21:00:52	13.84	47.32	30.78	8.07	8.04	5.4	2.980	94.4	1.4	0.3
988	3/30/2015 21:15:52	13.75	47.53	30.93	8.07	8.04	5.6	3.054	94.4	2.2	0.5
989	3/30/2015 21:30:52	13.68	47.55	30.95	8.09	8.04	6.0	3.109	94.4	1.8	0.4
990	3/30/2015 21:45:52	13.48	47.90	31.19	8.09	8.04	5.5	3.177	94.2	3.0	0.7
991	3/30/2015 22:00:53	13.23	48.18	31.38	8.09	8.04	6.4	3.226	93.8	2.2	0.5
992	3/30/2015 22:15:52	13.02	48.49	31.60	8.09	8.04	5.5	3.266	93.5	1.5	0.4
993	3/30/2015 22:30:53	12.90	48.64	31.71	8.08	8.04	5.8	3.291	93.3	1.9	0.5
994	3/30/2015 22:45:53	12.87	48.70	31.75	8.04	8.05	3.9	3.318	92.8	1.7	0.4
995	3/30/2015 23:00:52	12.84	48.74	31.78	7.80	8.04	3.4	3.308	89.9	1.6	0.4
996	3/30/2015 23:15:53	12.82	48.81	31.82	8.03	8.04	5.4	3.288	92.6	1.6	0.4
997	3/30/2015 23:30:52	13.29	48.08	31.31	7.95	8.04	5.0	3.266	92.3	1.8	0.4
998	3/30/2015 23:45:52	13.62	47.61	30.98	7.96	8.04	4.5	3.207	92.8	2.1	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
999	3/31/2015 00:00:52	13.92	47.29	30.76	7.87	8.03	5.4	3.137	92.2	1.9	0.4
1000	3/31/2015 00:15:52	13.70	47.58	30.96	7.96	8.04	5.3	3.066	93.0	1.8	0.4
1001	3/31/2015 00:30:52	13.93	47.14	30.66	7.89	8.03	5.4	2.994	92.4	2.4	0.6
1002	3/31/2015 00:45:52	14.09	47.00	30.56	7.89	8.03	5.4	2.915	92.7	1.7	0.4
1003	3/31/2015 01:00:52	14.13	46.95	30.52	7.86	8.03	4.6	2.848	92.3	1.7	0.4
1004	3/31/2015 01:15:52	14.25	46.72	30.36	7.89	8.03	5.7	2.773	92.8	2.1	0.5
1005	3/31/2015 01:30:52	14.24	46.79	30.41	7.84	8.03	4.5	2.692	92.3	1.8	0.4
1006	3/31/2015 01:45:52	14.32	46.60	30.28	7.81	8.02	5.0	2.623	92.0	2.8	0.7
1007	3/31/2015 02:00:52	14.40	46.49	30.20	7.83	8.02	4.4	2.568	92.4	2.3	0.5
1008	3/31/2015 02:15:52	14.60	46.19	29.99	7.80	8.02	4.5	2.481	92.2	3.3	0.8
1009	3/31/2015 02:30:52	14.69	46.16	29.97	7.82	8.02	5.0	2.409	92.7	2.2	0.5
1010	3/31/2015 02:45:52	14.53	46.35	30.10	7.87	8.03	4.8	2.356	92.9	1.7	0.4
1011	3/31/2015 03:00:52	14.93	45.85	29.75	7.97	8.05	5.1	2.288	94.7	2.7	0.6
1012	3/31/2015 03:15:52	15.22	45.69	29.64	8.11	8.07	4.8	2.249	96.9	2.3	0.6
1013	3/31/2015 03:30:52	15.04	45.78	29.70	8.01	8.05	4.6	2.184	95.4	2.9	0.7
1014	3/31/2015 03:45:52	15.17	45.73	29.67	8.01	8.06	4.9	2.153	95.6	3.0	0.7
1015	3/31/2015 04:00:52	15.11	45.77	29.70	7.77	8.04	3.8	2.124	92.7	2.8	0.7
1016	3/31/2015 04:15:52	15.22	45.57	29.55	7.78	8.05	3.8	2.085	92.9	2.9	0.7
1017	3/31/2015 04:30:52	15.25	45.55	29.54	8.00	8.06	5.0	2.109	95.5	2.1	0.5
1018	3/31/2015 04:45:52	15.21	45.65	29.61	8.08	8.06	4.2	2.133	96.5	2.2	0.5
1019	3/31/2015 05:00:52	15.23	45.55	29.53	8.07	8.06	4.3	2.145	96.4	2.1	0.5
1020	3/31/2015 05:15:52	15.04	45.67	29.62	7.92	8.04	3.9	2.202	94.2	2.3	0.5
1021	3/31/2015 05:30:52	14.89	45.95	29.82	7.83	8.03	4.2	2.252	93.0	1.6	0.4
1022	3/31/2015 05:45:52	14.85	45.81	29.71	7.82	8.03	4.2	2.317	92.8	1.8	0.4
1023	3/31/2015 06:00:52	15.04	45.47	29.48	7.89	8.04	4.4	2.378	93.9	2.4	0.6
1024	3/31/2015 06:15:52	14.81	46.03	29.87	7.81	8.02	3.6	2.441	92.7	2.0	0.5
1025	3/31/2015 06:30:52	14.71	46.10	29.92	7.81	8.02	4.2	2.509	92.6	3.3	0.8
1026	3/31/2015 06:45:52	14.52	46.33	30.08	7.80	8.02	4.3	2.568	92.2	2.6	0.6
1027	3/31/2015 07:00:53	14.45	46.30	30.06	7.81	8.02	4.2	2.630	92.1	2.4	0.6
1028	3/31/2015 07:15:52	14.28	46.48	30.19	7.84	8.02	4.2	2.695	92.2	2.1	0.5
1029	3/31/2015 07:30:52	14.07	46.86	30.46	7.86	8.02	4.2	2.769	92.2	1.9	0.4
1030	3/31/2015 07:45:52	13.89	47.13	30.65	7.90	8.02	4.1	2.829	92.5	1.3	0.3
1031	3/31/2015 08:00:52	13.78	47.26	30.74	7.90	8.02	4.3	2.885	92.3	2.4	0.6
1032	3/31/2015 08:15:52	13.72	47.42	30.85	7.91	8.03	4.6	2.963	92.3	2.0	0.5
1033	3/31/2015 08:30:53	13.61	47.58	30.96	7.92	8.03	4.2	3.019	92.3	1.6	0.4
1034	3/31/2015 08:45:52	13.47	47.73	31.07	7.94	8.03	5.0	3.084	92.3	1.6	0.4
1035	3/31/2015 09:00:52	13.39	47.83	31.14	7.95	8.03	4.5	3.137	92.3	1.9	0.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1036	3/31/2015 09:15:53	13.32	48.00	31.26	7.97	8.03	4.3	3.210	92.5	2.0	0.5
1037	3/31/2015 09:30:53	13.24	48.06	31.30	7.98	8.04	4.3	3.242	92.5	1.9	0.5
1038	3/31/2015 09:45:53	13.19	48.15	31.36	7.99	8.04	3.7	3.288	92.6	2.7	0.6
1039	3/31/2015 10:00:52	13.18	48.16	31.37	7.97	8.04	3.6	3.318	92.3	1.7	0.4
1040	3/31/2015 10:15:52	13.13	48.26	31.44	7.82	8.03	3.1	3.338	90.5	1.7	0.4
1041	3/31/2015 10:30:52	13.24	48.07	31.31	7.90	8.03	3.1	3.362	91.6	1.7	0.4
1042	3/31/2015 10:45:52	13.11	48.30	31.47	7.90	8.03	3.1	3.344	91.4	0.8	0.2
1043	3/31/2015 11:00:52	13.13	48.26	31.44	7.96	8.03	4.0	3.307	92.2	2.0	0.5
1044	3/31/2015 11:15:53	13.18	48.23	31.42	7.96	8.03	5.0	3.275	92.2	1.4	0.3
1045	3/31/2015 11:30:53	13.85	47.69	31.05	8.06	8.04	5.8	3.224	94.4	1.2	0.3
1046	3/31/2015 11:45:52	14.07	47.69	31.05	8.28	8.05	4.7	3.152	97.5	1.4	0.3
1047	3/31/2015 12:00:52	14.07	47.78	31.12	8.29	8.05	5.1	3.072	97.6	1.6	0.4
1048	3/31/2015 12:15:52	14.53	47.21	30.72	8.28	8.05	4.8	2.980	98.1	2.0	0.5
1049	3/31/2015 12:30:53	14.41	46.97	30.55	8.26	8.05	5.9	2.902	97.6	1.7	0.4
1050	3/31/2015 12:45:52	14.87	46.74	30.39	8.44	8.06	5.4	2.822	100.5	2.3	0.5
1051	3/31/2015 13:00:52	15.03	46.73	30.39	8.50	8.06	5.0	2.741	101.7	2.5	0.6
1052	3/31/2015 13:15:52	15.22	46.63	30.32	8.61	8.07	5.3	2.639	103.3	1.9	0.5
1053	3/31/2015 13:30:52	15.48	46.29	30.07	8.69	8.08	5.9	2.547	104.6	2.1	0.5
1054	3/31/2015 13:45:52	15.88	46.17	30.00	8.90	8.09	6.1	2.453	107.9	2.2	0.5
1055	3/31/2015 14:00:52	15.92	46.10	29.95	8.82	8.09	5.4	2.360	107.1	2.4	0.6
1056	3/31/2015 14:15:52	16.14	45.94	29.83	8.96	8.10	5.3	2.258	109.1	1.2	0.3
1057	3/31/2015 14:30:52	16.19	45.93	29.83	8.90	8.10	5.6	2.145	108.6	2.5	0.6
1058	3/31/2015 14:45:51	16.30	45.73	29.69	9.00	8.11	5.0	2.054	109.9	2.4	0.6
1059	3/31/2015 15:00:51	16.51	45.75	29.70	9.09	8.12	5.7	1.957	111.4	2.2	0.5
1060	3/31/2015 15:15:52	16.51	45.73	29.69	9.14	8.12	5.3	1.882	112.0	1.9	0.5
1061	3/31/2015 15:30:52	16.87	45.86	29.78	9.14	8.14	5.6	1.800	112.9	2.8	0.7
1062	3/31/2015 15:45:51	16.76	45.73	29.69	9.11	8.13	5.0	1.737	112.2	2.3	0.5
1063	3/31/2015 16:00:52	16.72	45.66	29.64	9.11	8.13	4.8	1.712	112.1	2.4	0.6
1064	3/31/2015 16:15:52	16.70	45.66	29.64	9.02	8.13	4.6	1.676	110.9	2.0	0.5
1065	3/31/2015 16:30:52	16.95	45.85	29.77	9.00	8.13	4.2	1.650	111.4	2.0	0.5
1066	3/31/2015 16:45:51	16.79	45.76	29.71	9.06	8.13	4.2	1.672	111.7	2.7	0.6
1067	3/31/2015 17:00:52	16.51	45.69	29.66	9.12	8.12	4.1	1.704	111.8	2.7	0.7
1068	3/31/2015 17:15:51	16.42	45.52	29.53	9.08	8.12	3.6	1.728	111.0	2.0	0.5
1069	3/31/2015 17:30:51	16.51	45.49	29.51	9.15	8.12	3.6	1.778	112.0	3.6	0.9
1070	3/31/2015 17:45:52	16.43	45.54	29.55	9.12	8.12	3.7	1.843	111.5	3.0	0.7
1071	3/31/2015 18:00:52	16.42	45.55	29.56	9.04	8.12	4.3	1.916	110.6	2.3	0.5
1072	3/31/2015 18:15:51	16.54	44.99	29.16	8.92	8.11	5.3	1.970	109.1	3.9	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1073	3/31/2015 18:30:52	16.51	44.90	29.09	8.85	8.10	5.7	2.044	108.1	3.4	0.8
1074	3/31/2015 18:45:52	16.43	45.06	29.20	8.80	8.10	5.1	2.130	107.4	2.8	0.7
1075	3/31/2015 19:00:52	16.26	44.08	28.49	8.82	8.09	4.5	2.198	106.8	2.2	0.5
1076	3/31/2015 19:15:52	16.05	44.34	28.68	8.66	8.08	5.1	2.276	104.6	2.5	0.6
1077	3/31/2015 19:30:52	15.78	43.89	28.35	8.61	8.06	4.7	2.362	103.2	2.8	0.7
1078	3/31/2015 19:45:52	15.67	43.73	28.24	8.58	8.06	4.7	2.441	102.5	3.4	0.8
1079	3/31/2015 20:00:52	14.98	45.29	29.35	8.38	8.04	4.0	2.527	99.4	2.4	0.6
1080	3/31/2015 20:15:52	14.97	45.37	29.41	8.45	8.04	4.3	2.617	100.3	2.9	0.7
1081	3/31/2015 20:30:52	14.84	45.52	29.51	8.47	8.05	5.1	2.697	100.3	2.6	0.6
1082	3/31/2015 20:45:52	14.67	45.52	29.50	8.42	8.04	4.8	2.771	99.4	2.9	0.7
1083	3/31/2015 21:00:52	14.51	47.01	30.58	8.32	8.04	5.7	2.850	98.5	2.3	0.6
1084	3/31/2015 21:15:52	14.33	47.17	30.69	8.31	8.04	6.8	2.938	98.2	3.3	0.8
1085	3/31/2015 21:30:52	14.16	47.35	30.82	8.30	8.04	7.3	2.999	97.8	2.5	0.6
1086	3/31/2015 21:45:52	14.05	47.48	30.90	8.30	8.04	6.2	3.079	97.6	2.4	0.6
1087	3/31/2015 22:00:53	13.89	47.55	30.95	8.32	8.04	6.3	3.145	97.5	2.4	0.6
1088	3/31/2015 22:15:53	13.68	47.84	31.16	8.34	8.04	6.7	3.214	97.5	2.9	0.7
1089	3/31/2015 22:30:53	13.44	48.06	31.30	8.36	8.04	6.8	3.270	97.3	2.9	0.7
1090	3/31/2015 22:45:53	13.16	48.42	31.56	8.37	8.04	6.3	3.311	97.1	2.3	0.6
1091	3/31/2015 23:00:53	13.02	48.63	31.70	8.39	8.04	6.1	3.350	97.1	1.9	0.5
1092	3/31/2015 23:15:53	12.96	48.74	31.78	8.32	8.04	5.4	3.378	96.2	2.1	0.5
1093	3/31/2015 23:30:53	13.10	48.56	31.66	8.24	8.04	5.2	3.387	95.5	2.0	0.5
1094	3/31/2015 23:45:53	12.96	48.72	31.77	8.28	8.04	4.7	3.382	95.8	1.9	0.5
1095	4/1/2015 00:00:53	12.96	48.74	31.78	8.31	8.04	5.4	3.348	96.1	1.8	0.4
1096	4/1/2015 00:15:53	14.08	47.06	30.60	8.06	8.04	9.7	3.281	94.7	1.8	0.4
1097	4/1/2015 00:30:52	14.08	47.16	30.67	8.15	8.04	6.3	3.228	95.8	2.3	0.5
1098	4/1/2015 00:45:53	13.88	47.37	30.82	8.22	8.04	5.3	3.150	96.3	2.7	0.6
1099	4/1/2015 01:00:52	13.88	47.34	30.80	8.17	8.04	5.6	3.055	95.7	3.1	0.7
1100	4/1/2015 01:15:52	14.17	47.03	30.58	8.13	8.04	6.1	2.973	95.6	2.3	0.5
1101	4/1/2015 01:30:53	14.22	46.82	30.43	8.16	8.04	5.5	2.883	96.0	1.8	0.4
1102	4/1/2015 01:45:52	14.20	43.16	27.80	8.29	8.04	5.6	2.806	95.9	2.2	0.5
1103	4/1/2015 02:00:53	14.37	43.41	27.99	8.22	8.03	5.3	2.718	95.6	2.5	0.6
1104	4/1/2015 02:15:53	14.43	41.99	26.98	8.28	8.04	6.5	2.632	95.8	2.0	0.5
1105	4/1/2015 02:30:53	14.60	42.65	27.45	8.30	8.05	5.5	2.551	96.7	2.6	0.6
1106	4/1/2015 02:45:52	14.48	42.84	27.58	8.32	8.05	5.7	2.453	96.7	3.1	0.7
1107	4/1/2015 03:00:53	14.44	42.25	27.16	8.40	8.06	5.9	2.376	97.2	2.7	0.6
1108	4/1/2015 03:15:53	14.91	41.62	26.72	8.46	8.10	6.1	2.290	98.7	2.9	0.7
1109	4/1/2015 03:30:53	14.65	41.94	26.95	8.49	8.10	6.6	2.203	98.6	2.2	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1110	4/1/2015 03:45:52	14.98	42.32	27.22	8.64	8.13	6.1	2.141	101.3	2.0	0.5
1111	4/1/2015 04:00:52	14.90	42.25	27.17	8.60	8.11	5.9	2.077	100.5	2.8	0.7
1112	4/1/2015 04:15:52	15.05	42.12	27.08	8.62	8.12	5.5	2.019	101.0	2.7	0.6
1113	4/1/2015 04:30:52	15.06	42.38	27.26	8.57	8.12	5.0	1.971	100.6	2.3	0.5
1114	4/1/2015 04:45:52	15.12	40.83	26.16	8.67	8.12	5.3	1.953	101.2	3.1	0.7
1115	4/1/2015 05:00:52	15.08	40.54	25.95	8.62	8.12	4.3	1.958	100.4	2.4	0.6
1116	4/1/2015 05:15:53	15.05	40.49	25.92	8.68	8.12	5.1	1.944	101.0	2.3	0.5
1117	4/1/2015 05:30:52	15.02	41.94	26.95	8.60	8.12	4.7	1.980	100.7	2.0	0.5
1118	4/1/2015 05:45:52	15.00	41.24	26.45	8.64	8.12	5.4	2.029	100.8	2.7	0.6
1119	4/1/2015 06:00:52	14.94	38.92	24.81	8.65	8.10	5.1	2.090	99.8	2.2	0.5
1120	4/1/2015 06:15:52	14.91	38.27	24.35	8.60	8.09	5.1	2.144	98.9	2.5	0.6
1121	4/1/2015 06:30:52	14.92	38.70	24.66	8.56	8.08	4.9	2.217	98.6	3.0	0.7
1122	4/1/2015 06:45:52	14.91	36.42	23.06	8.64	8.07	4.9	2.293	98.5	2.8	0.7
1123	4/1/2015 07:00:52	14.90	37.87	24.07	8.51	8.06	5.0	2.355	97.6	3.3	0.8
1124	4/1/2015 07:15:52	14.62	37.97	24.14	8.40	8.04	5.6	2.445	95.8	2.0	0.5
1125	4/1/2015 07:30:53	14.52	38.23	24.32	8.39	8.04	4.7	2.502	95.6	1.9	0.5
1126	4/1/2015 07:45:52	14.40	38.30	24.37	8.39	8.03	4.6	2.584	95.4	1.9	0.5
1127	4/1/2015 08:00:52	14.30	39.34	25.10	8.41	8.03	4.8	2.651	95.9	2.5	0.6
1128	4/1/2015 08:15:53	14.20	39.81	25.43	8.43	8.03	4.5	2.721	96.1	2.0	0.5
1129	4/1/2015 08:30:53	14.13	39.83	25.44	8.42	8.03	4.5	2.787	95.9	1.5	0.4
1130	4/1/2015 08:45:53	14.05	40.32	25.79	8.40	8.03	4.3	2.852	95.7	1.3	0.3
1131	4/1/2015 09:00:52	13.96	40.24	25.72	8.43	8.03	4.6	2.920	95.8	1.8	0.4
1132	4/1/2015 09:15:53	13.77	40.54	25.93	8.46	8.03	5.0	2.992	95.9	2.2	0.5
1133	4/1/2015 09:30:53	13.59	40.78	26.10	8.46	8.03	5.3	3.054	95.6	2.1	0.5
1134	4/1/2015 09:45:53	13.49	40.70	26.04	8.49	8.03	5.3	3.138	95.7	2.0	0.5
1135	4/1/2015 10:00:53	13.36	41.42	26.55	8.48	8.03	5.4	3.196	95.7	2.6	0.6
1136	4/1/2015 10:15:53	13.25	41.17	26.36	8.49	8.03	4.7	3.261	95.5	2.1	0.5
1137	4/1/2015 10:30:53	13.16	41.69	26.73	8.46	8.04	5.0	3.309	95.2	1.9	0.5
1138	4/1/2015 10:45:53	13.08	41.46	26.57	8.47	8.04	4.4	3.355	95.0	1.8	0.4
1139	4/1/2015 11:00:52	13.01	40.64	25.98	8.50	8.04	3.6	3.388	94.8	2.1	0.5
1140	4/1/2015 11:15:52	12.97	42.42	27.25	8.29	8.03	3.7	3.398	93.2	1.6	0.4
1141	4/1/2015 11:30:53	12.95	43.66	28.13	8.25	8.03	4.2	3.374	93.2	1.3	0.3
1142	4/1/2015 11:45:53	12.95	43.70	28.16	8.33	8.03	5.0	3.360	94.2	2.0	0.5
1143	4/1/2015 12:00:53	13.11	42.94	27.62	8.38	8.03	5.3	3.324	94.7	2.2	0.5
1144	4/1/2015 12:15:53	13.67	42.31	27.18	8.64	8.05	9.8	3.259	98.5	2.6	0.6
1145	4/1/2015 12:30:53	13.84	42.39	27.25	8.72	8.05	11.8	3.200	99.8	2.1	0.5
1146	4/1/2015 12:45:52	14.01	43.22	27.84	8.77	8.06	12.1	3.119	101.1	3.3	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1147	4/1/2015 13:00:53	14.07	43.91	28.34	8.82	8.06	13.4	3.030	102.2	2.4	0.6
1148	4/1/2015 13:15:53	14.25	41.67	26.74	8.94	8.07	14.7	2.948	102.9	2.8	0.7
1149	4/1/2015 13:30:53	14.45	41.43	26.58	9.01	8.07	16.4	2.848	103.9	2.8	0.7
1150	4/1/2015 13:45:52	14.77	41.17	26.40	9.08	8.08	16.2	2.761	105.4	3.1	0.8
1151	4/1/2015 14:00:52	15.03	40.53	25.95	9.13	8.09	19.7	2.671	106.2	2.6	0.6
1152	4/1/2015 14:15:52	15.21	40.27	25.76	9.19	8.09	25.1	2.559	107.2	3.4	0.8
1153	4/1/2015 14:30:52	15.26	40.24	25.75	9.17	8.10	21.3	2.468	107.0	3.1	0.7
1154	4/1/2015 14:45:52	15.39	41.09	26.35	9.17	8.11	20.0	2.372	107.7	3.3	0.8
1155	4/1/2015 15:00:52	15.46	40.39	25.85	9.20	8.11	19.4	2.258	107.9	2.9	0.7
1156	4/1/2015 15:15:52	15.53	40.12	25.67	9.22	8.11	25.8	2.171	108.1	3.6	0.9
1157	4/1/2015 15:30:52	15.56	39.83	25.46	9.17	8.11	24.4	2.075	107.5	3.2	0.8
1158	4/1/2015 15:45:52	15.62	39.77	25.42	9.21	8.11	24.6	1.978	108.0	3.5	0.8
1159	4/1/2015 16:00:52	15.64	39.83	25.46	9.12	8.11	27.8	1.888	107.0	4.2	1.0
1160	4/1/2015 16:15:52	15.70	39.77	25.42	9.09	8.11	25.6	1.814	106.8	3.8	0.9
1161	4/1/2015 16:30:52	15.72	39.24	25.05	9.10	8.11	20.3	1.759	106.7	2.6	0.6
1162	4/1/2015 16:45:52	15.71	38.88	24.79	9.10	8.11	19.5	1.708	106.5	3.4	0.8
1163	4/1/2015 17:00:52	15.73	37.77	24.01	9.03	8.11	13.4	1.690	105.3	3.2	0.8
1164	4/1/2015 17:15:52	15.74	41.68	26.77	8.83	8.11	12.5	1.669	104.8	2.7	0.6
1165	4/1/2015 17:30:52	15.77	40.01	25.59	8.93	8.11	14.2	1.703	105.2	3.0	0.7
1166	4/1/2015 17:45:52	15.87	43.32	27.95	8.88	8.12	13.9	1.719	106.3	3.7	0.9
1167	4/1/2015 18:00:52	15.86	43.22	27.87	8.93	8.12	13.1	1.768	106.8	4.2	1.0
1168	4/1/2015 18:15:52	15.87	43.28	27.92	8.93	8.12	12.2	1.828	107.0	3.0	0.7
1169	4/1/2015 18:30:52	15.77	43.67	28.19	8.88	8.11	12.2	1.902	106.3	3.2	0.8
1170	4/1/2015 18:45:52	15.74	43.29	27.93	8.87	8.11	9.3	1.959	106.0	2.5	0.6
1171	4/1/2015 19:00:52	15.71	43.51	28.08	8.86	8.11	8.9	2.040	105.9	3.4	0.8
1172	4/1/2015 19:15:52	15.79	42.56	27.40	8.82	8.12	11.1	2.130	105.1	4.0	1.0
1173	4/1/2015 19:30:52	15.78	42.98	27.70	8.82	8.11	10.4	2.203	105.3	3.9	0.9
1174	4/1/2015 19:45:52	15.73	45.17	29.27	8.72	8.11	8.8	2.274	105.0	3.7	0.9
1175	4/1/2015 20:00:52	15.59	45.15	29.25	8.71	8.10	9.4	2.365	104.6	3.2	0.8
1176	4/1/2015 20:15:52	15.38	45.42	29.45	8.69	8.09	9.4	2.444	104.0	3.5	0.8
1177	4/1/2015 20:30:52	15.21	45.69	29.64	8.68	8.08	9.7	2.540	103.6	4.3	1.0
1178	4/1/2015 20:45:52	14.99	45.72	29.65	8.62	8.07	9.3	2.617	102.5	3.3	0.8
1179	4/1/2015 21:00:52	14.85	45.81	29.72	8.63	8.07	6.9	2.711	102.4	2.9	0.7
1180	4/1/2015 21:15:52	14.70	46.20	30.00	8.60	8.06	6.9	2.792	101.9	3.0	0.7
1181	4/1/2015 21:30:52	14.52	46.61	30.29	8.55	8.06	8.6	2.862	101.1	2.3	0.5
1182	4/1/2015 21:45:52	14.30	46.92	30.51	8.53	8.05	12.2	2.946	100.5	3.1	0.7
1183	4/1/2015 22:00:52	14.18	47.08	30.62	8.56	8.05	12.4	3.017	100.8	2.9	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1184	4/1/2015 22:15:52	13.98	47.30	30.77	8.53	8.05	13.4	3.084	100.0	2.7	0.6
1185	4/1/2015 22:30:52	13.77	46.06	29.87	8.58	8.04	10.6	3.162	99.7	2.8	0.7
1186	4/1/2015 22:45:52	13.56	46.24	29.99	8.56	8.04	10.1	3.223	99.1	2.9	0.7
1187	4/1/2015 23:00:53	13.33	46.66	30.29	8.53	8.04	9.3	3.271	98.5	3.2	0.8
1188	4/1/2015 23:15:53	13.05	46.83	30.40	8.59	8.04	8.1	3.317	98.7	2.5	0.6
1189	4/1/2015 23:30:52	12.97	46.83	30.40	8.57	8.04	7.5	3.358	98.3	2.3	0.5
1190	4/1/2015 23:45:52	12.92	46.70	30.30	8.54	8.04	5.2	3.368	97.8	2.8	0.7
1191	4/2/2015 00:00:52	13.11	46.89	30.45	8.40	8.04	8.4	3.385	96.6	3.0	0.7
1192	4/2/2015 00:15:52	12.93	46.85	30.41	8.55	8.04	10.9	3.362	97.9	2.2	0.5
1193	4/2/2015 00:30:53	13.07	46.64	30.26	8.56	8.04	15.6	3.333	98.3	2.7	0.6
1194	4/2/2015 00:45:53	13.05	46.32	30.04	8.59	8.04	15.9	3.295	98.4	3.8	0.9
1195	4/2/2015 01:00:53	13.13	46.29	30.02	8.60	8.05	14.8	3.224	98.6	3.3	0.8
1196	4/2/2015 01:15:53	13.04	46.40	30.09	8.61	8.05	14.3	3.138	98.6	2.7	0.6
1197	4/2/2015 01:30:53	12.92	46.58	30.22	8.64	8.05	12.5	3.061	98.9	3.0	0.7
1198	4/2/2015 01:45:52	13.03	46.37	30.07	8.65	8.05	14.0	2.970	99.1	2.3	0.5
1199	4/2/2015 02:00:52	13.35	45.88	29.73	8.61	8.05	12.0	2.868	99.1	2.9	0.7
1200	4/2/2015 02:15:52	13.39	45.78	29.66	8.57	8.05	11.6	2.793	98.7	3.0	0.7
1201	4/2/2015 02:30:52	13.50	45.48	29.45	8.52	8.05	10.3	2.696	98.2	3.1	0.7
1202	4/2/2015 02:45:53	13.69	45.27	29.30	8.50	8.05	10.7	2.600	98.2	2.5	0.6
1203	4/2/2015 03:00:53	13.99	44.62	28.84	8.45	8.06	10.6	2.516	98.0	3.1	0.7
1204	4/2/2015 03:15:52	14.03	44.90	29.05	8.43	8.06	14.1	2.398	97.9	3.4	0.8
1205	4/2/2015 03:30:52	14.16	44.73	28.93	8.40	8.07	12.8	2.320	97.8	3.4	0.8
1206	4/2/2015 03:45:53	13.84	44.82	28.98	8.40	8.06	11.9	2.224	97.2	2.9	0.7
1207	4/2/2015 04:00:53	14.02	44.49	28.75	8.33	8.06	13.6	2.127	96.5	3.6	0.8
1208	4/2/2015 04:15:53	14.13	44.33	28.63	8.29	8.06	13.4	2.030	96.2	3.1	0.7
1209	4/2/2015 04:30:52	14.31	44.33	28.64	8.25	8.07	12.7	1.970	96.2	3.8	0.9
1210	4/2/2015 04:45:53	14.33	44.32	28.64	8.26	8.07	12.8	1.893	96.3	3.6	0.8
1211	4/2/2015 05:00:53	14.36	44.22	28.57	8.22	8.07	11.9	1.842	95.9	3.6	0.9
1212	4/2/2015 05:15:53	14.45	44.13	28.50	8.16	8.06	10.9	1.792	95.3	3.1	0.7
1213	4/2/2015 05:30:52	14.44	43.99	28.40	8.19	8.07	11.4	1.780	95.6	2.9	0.7
1214	4/2/2015 05:45:52	14.38	44.09	28.47	8.07	8.06	9.6	1.767	94.1	3.3	0.8
1215	4/2/2015 06:00:53	14.36	44.07	28.46	8.17	8.06	10.9	1.787	95.2	3.4	0.8
1216	4/2/2015 06:15:52	14.35	43.91	28.34	8.23	8.07	10.3	1.850	95.9	2.4	0.6
1217	4/2/2015 06:30:52	14.37	44.14	28.51	8.27	8.07	10.1	1.875	96.5	3.6	0.8
1218	4/2/2015 06:45:52	14.39	44.13	28.50	8.28	8.07	9.7	1.940	96.6	2.8	0.7
1219	4/2/2015 07:00:53	14.37	43.98	28.39	8.28	8.07	10.2	2.021	96.5	2.9	0.7
1220	4/2/2015 07:15:53	14.36	43.89	28.33	8.28	8.07	9.8	2.105	96.4	2.8	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1221	4/2/2015 07:30:53	14.39	43.94	28.37	8.26	8.07	9.8	2.163	96.3	2.9	0.7
1222	4/2/2015 07:45:52	14.42	44.14	28.51	8.27	8.07	10.7	2.246	96.5	2.1	0.5
1223	4/2/2015 08:00:53	14.18	44.62	28.84	8.35	8.06	11.2	2.332	97.2	3.3	0.8
1224	4/2/2015 08:15:53	14.09	44.82	28.99	8.37	8.05	8.2	2.409	97.3	2.3	0.5
1225	4/2/2015 08:30:53	13.99	45.15	29.22	8.42	8.05	8.3	2.484	97.8	2.5	0.6
1226	4/2/2015 08:45:53	13.91	45.20	29.26	8.43	8.05	8.3	2.565	97.8	2.2	0.5
1227	4/2/2015 09:00:53	13.86	45.34	29.35	8.44	8.05	7.3	2.642	97.9	2.3	0.6
1228	4/2/2015 09:15:53	13.74	45.58	29.53	8.48	8.05	7.6	2.721	98.2	2.5	0.6
1229	4/2/2015 09:30:53	13.69	45.65	29.57	8.48	8.05	8.2	2.790	98.2	3.0	0.7
1230	4/2/2015 09:45:52	13.59	45.62	29.55	8.49	8.05	8.7	2.867	98.0	2.3	0.5
1231	4/2/2015 10:00:52	13.44	45.84	29.71	8.54	8.05	9.7	2.942	98.5	2.5	0.6
1232	4/2/2015 10:15:53	13.31	45.95	29.78	8.57	8.05	9.7	3.012	98.6	2.6	0.6
1233	4/2/2015 10:30:52	13.21	46.02	29.83	8.59	8.05	8.9	3.082	98.6	2.7	0.6
1234	4/2/2015 10:45:53	13.11	46.10	29.88	8.61	8.05	8.4	3.142	98.7	2.3	0.6
1235	4/2/2015 11:00:53	12.99	46.11	29.88	8.63	8.05	9.5	3.212	98.7	2.1	0.5
1236	4/2/2015 11:15:53	12.96	46.20	29.95	8.62	8.05	6.8	3.260	98.6	1.5	0.3
1237	4/2/2015 11:30:52	12.89	46.30	30.02	8.66	8.05	8.3	3.293	98.9	3.0	0.7
1238	4/2/2015 11:45:53	12.78	46.54	30.19	8.66	8.04	5.9	3.332	98.7	2.3	0.5
1239	4/2/2015 12:00:52	12.72	46.66	30.27	8.62	8.04	5.3	3.346	98.3	2.7	0.7
1240	4/2/2015 12:15:53	12.70	46.78	30.36	8.63	8.04	6.6	3.324	98.3	2.0	0.5
1241	4/2/2015 12:30:53	12.76	46.70	30.30	8.63	8.04	10.1	3.296	98.4	2.6	0.6
1242	4/2/2015 12:45:53	13.05	46.54	30.19	8.65	8.05	11.9	3.257	99.2	2.8	0.7
1243	4/2/2015 13:00:53	13.43	46.37	30.09	8.80	8.06	16.4	3.194	101.7	3.3	0.8
1244	4/2/2015 13:15:53	13.51	46.33	30.06	8.89	8.06	20.2	3.114	102.8	2.8	0.7
Mean		13.89	46.72	30.35	8.33	8.09	6.22	2.65	97.30	2.42	0.58
Minimum		11.65	36.42	23.06	7.24	8.01	2.30	1.27	85.20	0.70	0.20
Maximum		17.03	49.97	32.63	9.31	8.21	63.70	4.02	113.40	8.40	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

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	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
0	4/2/2015 12:46:10	13.76	47.63	31.01	8.24	7.98	21.3	2.869	96.4	3.4	0.8
1	4/2/2015 13:01:11	13.99	47.46	30.89	8.25	7.99	19.0	2.780	96.9	3.2	0.8
2	4/2/2015 13:16:11	14.26	47.24	30.74	8.26	8.00	23.7	2.687	97.4	3.5	0.8
3	4/2/2015 13:31:11	14.53	47.16	30.68	8.30	8.01	26.8	2.587	98.4	3.2	0.8
4	4/2/2015 13:46:11	14.90	46.94	30.53	8.38	8.03	28.1	2.497	100.0	3.3	0.8
5	4/2/2015 14:01:11	15.00	46.76	30.41	8.34	8.03	27.2	2.390	99.7	3.2	0.8
6	4/2/2015 14:16:10	15.06	46.53	30.24	8.22	8.03	25.3	2.282	98.3	3.8	0.9
7	4/2/2015 14:31:10	15.04	46.15	29.97	8.19	8.03	21.2	2.188	97.6	3.3	0.8
8	4/2/2015 14:46:11	15.09	46.25	30.04	8.16	8.02	21.1	2.074	97.5	3.8	0.9
9	4/2/2015 15:01:11	15.11	46.09	29.92	8.11	8.02	22.5	1.986	96.8	3.4	0.8
10	4/2/2015 15:16:11	15.17	46.25	30.04	8.31	8.03	22.7	1.895	99.4	3.9	0.9
11	4/2/2015 15:31:11	15.25	46.26	30.05	8.31	8.03	21.9	1.795	99.6	3.5	0.8
12	4/2/2015 15:46:11	15.27	45.99	29.85	8.13	8.02	21.9	1.731	97.3	3.8	0.9
13	4/2/2015 16:01:10	15.29	45.84	29.75	8.14	8.02	19.0	1.675	97.5	3.6	0.8
14	4/2/2015 16:16:11	15.25	45.75	29.69	8.06	8.01	18.2	1.635	96.4	3.9	0.9
15	4/2/2015 16:31:11	15.27	45.69	29.64	8.19	8.01	16.2	1.591	97.9	3.6	0.8
16	4/2/2015 16:46:11	15.25	45.55	29.54	8.09	8.00	18.1	1.598	96.6	3.9	0.9
17	4/2/2015 17:01:11	15.28	45.65	29.61	8.08	8.01	13.7	1.626	96.6	3.9	0.9
18	4/2/2015 17:16:11	15.22	45.67	29.62	8.12	8.00	13.4	1.652	97.0	3.9	0.9
19	4/2/2015 17:31:11	15.17	45.63	29.59	8.14	8.00	12.7	1.698	97.1	3.6	0.8
20	4/2/2015 17:46:11	15.17	45.66	29.62	8.08	7.99	13.4	1.756	96.4	3.9	0.9
21	4/2/2015 18:01:11	15.17	45.53	29.52	8.09	7.99	12.9	1.833	96.5	3.7	0.9
22	4/2/2015 18:16:11	15.16	45.78	29.70	8.10	8.00	12.0	1.897	96.6	3.7	0.9
23	4/2/2015 18:31:11	15.15	45.34	29.38	8.17	8.00	12.0	1.965	97.3	3.8	0.9
24	4/2/2015 18:46:11	15.15	45.14	29.24	8.27	8.00	11.3	2.050	98.4	4.1	1.0
25	4/2/2015 19:01:11	15.12	45.44	29.46	8.19	8.00	11.4	2.136	97.5	3.9	0.9
26	4/2/2015 19:16:11	15.06	45.58	29.56	8.20	8.01	13.0	2.202	97.6	4.0	0.9
27	4/2/2015 19:31:11	15.00	45.49	29.49	8.27	8.01	9.7	2.288	98.3	4.2	1.0
28	4/2/2015 19:46:11	14.81	45.60	29.57	8.35	8.01	9.0	2.387	98.9	3.8	0.9
29	4/2/2015 20:01:11	14.48	46.56	30.25	8.34	8.01	8.3	2.472	98.5	3.1	0.7
30	4/2/2015 20:16:11	14.39	46.66	30.32	8.34	8.01	9.1	2.555	98.4	3.2	0.8
31	4/2/2015 20:31:11	14.29	46.71	30.35	8.36	8.01	12.4	2.634	98.5	3.6	0.8
32	4/2/2015 20:46:11	14.17	47.04	30.59	8.34	8.00	13.4	2.720	98.1	3.2	0.8
33	4/2/2015 21:01:11	13.98	47.30	30.77	8.32	8.00	16.2	2.805	97.7	3.6	0.8
34	4/2/2015 21:16:11	13.79	47.56	30.95	8.35	7.99	19.1	2.879	97.7	3.9	0.9
35	4/2/2015 21:31:11	13.64	47.64	31.01	8.36	7.99	15.2	2.961	97.5	3.9	0.9
36	4/2/2015 21:46:11	13.46	47.74	31.07	8.41	7.99	14.4	3.041	97.7	3.3	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
37	4/2/2015 22:01:11	13.30	48.02	31.27	8.39	7.99	13.6	3.114	97.3	3.6	0.8
38	4/2/2015 22:16:11	13.01	48.16	31.37	8.42	7.98	13.0	3.179	97.2	3.1	0.7
39	4/2/2015 22:31:12	12.74	48.58	31.66	8.42	7.98	11.7	3.251	96.9	3.1	0.7
40	4/2/2015 22:46:11	12.54	48.89	31.87	8.40	7.98	11.3	3.300	96.3	2.6	0.6
41	4/2/2015 23:01:12	12.41	48.94	31.91	8.39	7.98	8.9	3.334	95.9	3.0	0.7
42	4/2/2015 23:16:12	12.36	48.87	31.85	8.38	7.98	6.7	3.369	95.7	2.6	0.6
43	4/2/2015 23:31:11	12.58	48.86	31.85	8.33	7.98	7.7	3.380	95.6	3.6	0.8
44	4/2/2015 23:46:11	12.31	49.19	32.08	8.38	7.97	8.4	3.365	95.7	2.5	0.6
45	4/3/2015 00:01:11	12.36	49.08	32.01	8.40	7.97	8.7	3.327	96.0	3.0	0.7
46	4/3/2015 00:16:12	13.24	47.62	30.98	8.27	7.99	12.5	3.268	95.7	2.9	0.7
47	4/3/2015 00:31:11	13.46	47.44	30.86	8.22	7.99	9.4	3.180	95.5	2.3	0.5
48	4/3/2015 00:46:11	13.10	47.92	31.19	8.36	7.99	7.4	3.102	96.5	2.8	0.7
49	4/3/2015 01:01:11	13.25	47.75	31.07	8.31	7.99	8.4	2.997	96.2	2.4	0.6
50	4/3/2015 01:16:11	13.56	47.36	30.80	8.20	7.99	8.6	2.904	95.4	2.9	0.7
51	4/3/2015 01:31:11	13.62	47.13	30.64	8.19	7.99	7.3	2.813	95.3	3.1	0.7
52	4/3/2015 01:46:12	13.66	47.19	30.69	8.17	7.99	7.4	2.704	95.2	2.7	0.6
53	4/3/2015 02:01:11	13.75	46.96	30.52	8.14	7.99	8.9	2.602	95.0	3.2	0.8
54	4/3/2015 02:16:11	13.68	46.95	30.51	8.13	7.98	8.6	2.506	94.6	2.8	0.7
55	4/3/2015 02:31:11	13.77	46.63	30.28	8.08	7.98	9.5	2.394	94.1	2.8	0.7
56	4/3/2015 02:46:12	13.55	47.00	30.54	8.08	7.97	11.7	2.285	93.8	3.1	0.7
57	4/3/2015 03:01:11	13.82	46.40	30.12	8.00	7.97	11.8	2.189	93.2	3.0	0.7
58	4/3/2015 03:16:12	13.88	46.40	30.12	7.95	7.97	10.7	2.077	92.7	2.8	0.7
59	4/3/2015 03:31:11	13.79	46.48	30.18	7.97	7.97	10.3	1.975	92.8	2.5	0.6
60	4/3/2015 03:46:12	13.79	46.44	30.14	7.95	7.97	10.0	1.879	92.5	3.5	0.8
61	4/3/2015 04:01:11	13.91	46.07	29.88	7.89	7.97	10.3	1.793	91.9	2.9	0.7
62	4/3/2015 04:16:11	13.97	45.94	29.79	7.86	7.97	9.9	1.722	91.7	3.5	0.8
63	4/3/2015 04:31:11	14.02	45.74	29.65	7.85	7.97	9.4	1.656	91.5	2.9	0.7
64	4/3/2015 04:46:12	14.00	45.79	29.68	7.78	7.96	9.4	1.605	90.6	2.8	0.7
65	4/3/2015 05:01:11	13.99	45.63	29.56	7.78	7.96	9.8	1.600	90.6	3.0	0.7
66	4/3/2015 05:16:11	13.99	45.77	29.67	7.76	7.96	8.2	1.581	90.4	3.3	0.8
67	4/3/2015 05:31:12	13.98	45.84	29.72	7.77	7.96	8.2	1.607	90.5	3.1	0.7
68	4/3/2015 05:46:11	14.02	45.91	29.77	7.79	7.97	10.6	1.653	90.9	2.9	0.7
69	4/3/2015 06:01:12	14.06	45.90	29.77	7.86	7.97	9.0	1.699	91.8	2.7	0.6
70	4/3/2015 06:16:11	14.05	45.91	29.77	7.90	7.97	8.7	1.769	92.2	2.9	0.7
71	4/3/2015 06:31:11	14.01	45.79	29.69	7.91	7.97	8.7	1.849	92.2	3.0	0.7
72	4/3/2015 06:46:11	14.02	45.60	29.55	7.91	7.97	8.3	1.924	92.2	2.8	0.6
73	4/3/2015 07:01:11	14.01	45.45	29.44	7.92	7.97	7.9	2.008	92.2	2.7	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
74	4/3/2015 07:16:11	14.04	45.73	29.64	7.94	7.97	8.3	2.092	92.6	2.9	0.7
75	4/3/2015 07:31:11	13.92	46.04	29.86	7.97	7.97	9.5	2.177	92.9	2.4	0.6
76	4/3/2015 07:46:11	13.87	46.41	30.12	8.03	7.97	8.0	2.256	93.6	2.5	0.6
77	4/3/2015 08:01:11	13.82	46.32	30.06	8.08	7.98	7.1	2.344	94.0	2.7	0.6
78	4/3/2015 08:16:12	13.80	46.78	30.39	8.13	7.98	8.6	2.423	94.8	2.2	0.5
79	4/3/2015 08:31:12	13.75	46.93	30.50	8.19	7.99	7.8	2.507	95.4	2.3	0.5
80	4/3/2015 08:46:12	13.72	47.15	30.66	8.20	7.99	6.5	2.589	95.6	2.2	0.5
81	4/3/2015 09:01:12	13.69	47.24	30.72	8.20	7.99	6.9	2.666	95.6	2.5	0.6
82	4/3/2015 09:16:11	13.58	47.38	30.82	8.21	7.99	8.5	2.740	95.6	2.5	0.6
83	4/3/2015 09:31:12	13.42	47.57	30.95	8.26	7.98	9.4	2.820	95.9	2.7	0.6
84	4/3/2015 09:46:12	13.26	47.69	31.03	8.29	7.98	11.0	2.893	95.9	2.3	0.5
85	4/3/2015 10:01:12	13.17	47.71	31.04	8.30	7.98	10.4	2.969	95.9	2.5	0.6
86	4/3/2015 10:16:12	13.09	47.89	31.17	8.32	7.98	8.9	3.034	96.1	2.6	0.6
87	4/3/2015 10:31:11	12.90	48.13	31.34	8.37	7.98	9.3	3.099	96.4	2.6	0.6
88	4/3/2015 10:46:11	12.64	48.54	31.62	8.36	7.97	9.4	3.167	95.9	2.5	0.6
89	4/3/2015 11:01:11	12.33	48.82	31.81	8.33	7.96	7.8	3.210	95.0	2.3	0.5
90	4/3/2015 11:16:12	12.04	49.14	32.03	8.24	7.96	8.3	3.243	93.6	2.0	0.5
91	4/3/2015 11:31:11	11.98	49.26	32.12	8.23	7.96	5.3	3.278	93.4	2.1	0.5
92	4/3/2015 11:46:12	11.92	49.18	32.06	8.10	7.95	4.5	3.281	91.7	1.5	0.4
93	4/3/2015 12:01:11	11.95	49.26	32.11	8.18	7.95	5.4	3.271	92.8	1.5	0.4
94	4/3/2015 12:16:11	12.07	49.14	32.04	8.26	7.96	6.2	3.225	93.9	2.3	0.5
95	4/3/2015 12:31:11	12.82	48.53	31.62	8.38	7.98	7.3	3.171	96.5	2.5	0.6
96	4/3/2015 12:46:11	13.06	48.00	31.25	8.40	7.98	8.6	3.101	97.0	2.7	0.6
97	4/3/2015 13:01:11	13.60	48.07	31.32	8.57	8.00	8.3	3.009	100.0	2.2	0.5
98	4/3/2015 13:16:11	13.76	47.77	31.11	8.56	8.00	6.9	2.924	100.2	2.0	0.5
99	4/3/2015 13:31:11	13.96	47.59	30.98	8.60	8.01	7.8	2.834	101.0	2.6	0.6
100	4/3/2015 13:46:12	14.22	47.36	30.82	8.68	8.03	6.4	2.735	102.4	2.6	0.6
101	4/3/2015 14:01:11	14.56	47.16	30.69	8.78	8.04	6.5	2.638	104.2	2.0	0.5
102	4/3/2015 14:16:11	14.83	47.08	30.63	8.97	8.06	7.0	2.532	107.0	2.4	0.6
103	4/3/2015 14:31:11	14.76	46.64	30.31	8.93	8.05	7.2	2.449	106.1	2.6	0.6
104	4/3/2015 14:46:11	14.85	46.74	30.39	8.95	8.05	8.8	2.341	106.6	2.9	0.7
105	4/3/2015 15:01:10	14.96	46.57	30.27	9.03	8.06	7.5	2.231	107.8	3.0	0.7
106	4/3/2015 15:16:10	15.02	46.59	30.28	8.95	8.05	7.1	2.135	106.9	2.5	0.6
107	4/3/2015 15:31:11	15.14	46.76	30.41	9.04	8.06	6.5	2.046	108.3	3.1	0.7
108	4/3/2015 15:46:11	15.22	46.59	30.29	9.09	8.07	7.0	1.943	109.1	2.7	0.6
109	4/3/2015 16:01:11	15.32	46.51	30.23	9.06	8.07	7.2	1.853	108.9	3.2	0.7
110	4/3/2015 16:16:11	15.40	46.50	30.22	9.03	8.08	6.7	1.786	108.7	2.8	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
111	4/3/2015 16:31:11	15.37	46.33	30.10	8.96	8.07	6.6	1.730	107.7	3.5	0.8
112	4/3/2015 16:46:12	15.34	46.31	30.09	8.87	8.06	6.7	1.667	106.5	3.1	0.7
113	4/3/2015 17:01:11	15.33	46.15	29.97	8.81	8.05	6.7	1.639	105.7	3.1	0.7
114	4/3/2015 17:16:11	15.34	46.30	30.08	8.78	8.05	5.8	1.645	105.4	2.9	0.7
115	4/3/2015 17:31:11	15.31	46.22	30.02	8.85	8.05	6.2	1.653	106.1	3.2	0.7
116	4/3/2015 17:46:11	15.27	46.27	30.06	8.87	8.05	5.5	1.679	106.4	3.1	0.7
117	4/3/2015 18:01:11	15.17	46.16	29.98	8.90	8.05	5.2	1.725	106.5	3.1	0.7
118	4/3/2015 18:16:11	15.19	46.08	29.92	8.86	8.05	5.7	1.798	106.0	3.6	0.8
119	4/3/2015 18:31:11	15.18	46.08	29.92	8.81	8.04	6.1	1.875	105.3	3.3	0.8
120	4/3/2015 18:46:11	15.15	45.99	29.85	8.78	8.03	5.6	1.951	104.9	3.4	0.8
121	4/3/2015 19:01:11	15.11	45.85	29.75	8.76	8.03	6.3	2.035	104.5	3.7	0.9
122	4/3/2015 19:16:11	15.08	46.04	29.89	8.73	8.03	6.7	2.121	104.1	3.2	0.8
123	4/3/2015 19:31:11	14.98	46.20	30.00	8.72	8.02	6.5	2.195	103.9	3.4	0.8
124	4/3/2015 19:46:11	14.79	46.41	30.15	8.68	8.02	6.2	2.291	103.2	3.7	0.9
125	4/3/2015 20:01:11	14.56	46.73	30.37	8.61	8.01	6.1	2.376	102.0	2.9	0.7
126	4/3/2015 20:16:11	14.35	47.05	30.60	8.56	8.01	6.4	2.453	101.1	2.6	0.6
127	4/3/2015 20:31:11	14.23	47.29	30.77	8.56	8.01	6.3	2.543	101.0	3.1	0.7
128	4/3/2015 20:46:11	14.17	47.36	30.82	8.56	8.00	6.0	2.624	100.8	3.0	0.7
129	4/3/2015 21:01:12	14.00	47.51	30.92	8.50	8.00	7.0	2.707	99.9	2.9	0.7
130	4/3/2015 21:16:12	13.77	47.73	31.07	8.49	7.99	8.8	2.787	99.3	3.1	0.7
131	4/3/2015 21:31:11	13.53	47.95	31.23	8.45	7.98	9.0	2.873	98.5	2.7	0.6
132	4/3/2015 21:46:11	13.28	48.25	31.44	8.44	7.98	10.1	2.957	97.9	3.5	0.8
133	4/3/2015 22:01:11	13.13	48.32	31.49	8.43	7.97	9.7	3.041	97.6	2.6	0.6
134	4/3/2015 22:16:11	12.88	48.58	31.66	8.39	7.97	9.3	3.114	96.8	2.8	0.6
135	4/3/2015 22:31:11	12.47	49.10	32.02	8.26	7.95	9.8	3.198	94.7	2.6	0.6
136	4/3/2015 22:46:11	12.08	49.40	32.22	8.12	7.94	11.1	3.267	92.4	2.3	0.5
137	4/3/2015 23:01:11	11.81	49.63	32.38	8.01	7.93	9.5	3.324	90.7	2.4	0.6
138	4/3/2015 23:16:11	11.61	49.85	32.53	7.94	7.93	7.5	3.380	89.6	2.4	0.6
139	4/3/2015 23:31:11	11.54	49.93	32.58	7.89	7.93	6.5	3.426	89.0	2.3	0.5
140	4/3/2015 23:46:11	11.53	49.98	32.61	7.84	7.92	3.6	3.419	88.4	2.3	0.5
141	4/4/2015 00:01:11	11.52	50.06	32.67	7.84	7.92	5.7	3.428	88.4	1.7	0.4
142	4/4/2015 00:16:11	11.56	49.92	32.57	7.86	7.93	6.2	3.405	88.7	2.2	0.5
143	4/4/2015 00:31:11	11.86	49.61	32.36	7.95	7.94	7.9	3.348	90.1	2.0	0.5
144	4/4/2015 00:46:11	12.88	48.46	31.57	8.19	7.97	6.8	3.275	94.4	2.4	0.6
145	4/4/2015 01:01:11	12.99	48.28	31.45	8.24	7.97	7.5	3.188	95.1	2.0	0.5
146	4/4/2015 01:16:12	12.91	48.44	31.56	8.21	7.97	9.3	3.096	94.7	2.7	0.6
147	4/4/2015 01:31:11	13.18	48.15	31.37	8.27	7.97	8.9	2.996	95.8	2.1	0.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
148	4/4/2015 01:46:11	13.22	48.04	31.28	8.24	7.97	6.1	2.898	95.5	2.4	0.6
149	4/4/2015 02:01:12	13.31	48.06	31.30	8.23	7.97	6.4	2.802	95.5	2.5	0.6
150	4/4/2015 02:16:12	13.46	47.67	31.02	8.23	7.98	5.8	2.704	95.7	2.6	0.6
151	4/4/2015 02:31:12	13.40	47.86	31.16	8.21	7.97	5.8	2.601	95.5	2.7	0.6
152	4/4/2015 02:46:11	13.52	47.60	30.98	8.20	7.97	6.3	2.477	95.4	2.6	0.6
153	4/4/2015 03:01:11	13.84	47.00	30.55	8.23	7.98	6.5	2.372	96.1	2.9	0.7
154	4/4/2015 03:16:11	13.87	46.74	30.36	8.30	7.99	8.3	2.258	96.9	3.1	0.7
155	4/4/2015 03:31:11	13.57	47.08	30.60	8.25	7.98	6.8	2.154	95.9	2.6	0.6
156	4/4/2015 03:46:11	13.58	46.95	30.51	8.20	7.98	7.0	2.044	95.2	3.0	0.7
157	4/4/2015 04:01:11	13.76	46.70	30.33	8.23	7.99	7.2	1.918	95.9	2.6	0.6
158	4/4/2015 04:16:12	14.02	46.51	30.20	8.19	8.00	7.5	1.826	95.8	3.1	0.7
159	4/4/2015 04:31:12	14.07	46.47	30.18	8.19	7.99	7.9	1.733	95.9	3.0	0.7
160	4/4/2015 04:46:12	14.09	46.22	29.99	8.11	7.99	7.7	1.635	94.9	2.8	0.7
161	4/4/2015 05:01:11	14.15	46.31	30.06	8.08	7.99	7.5	1.563	94.7	2.8	0.7
162	4/4/2015 05:16:12	14.20	46.21	29.99	8.05	7.99	7.5	1.520	94.5	2.9	0.7
163	4/4/2015 05:31:12	14.25	46.13	29.93	8.01	7.99	7.6	1.488	94.0	3.5	0.8
164	4/4/2015 05:46:11	14.17	46.14	29.94	7.95	7.98	7.0	1.482	93.1	3.3	0.8
165	4/4/2015 06:01:12	14.20	46.13	29.93	8.00	7.99	6.1	1.467	93.8	2.9	0.7
166	4/4/2015 06:16:12	14.19	46.25	30.02	8.06	7.99	6.5	1.549	94.5	2.6	0.6
167	4/4/2015 06:31:11	14.23	46.31	30.06	8.11	7.99	6.2	1.589	95.2	3.0	0.7
168	4/4/2015 06:46:11	14.22	46.21	29.99	8.19	8.00	5.8	1.655	96.1	2.2	0.5
169	4/4/2015 07:01:12	14.14	46.01	29.84	8.16	7.99	6.2	1.743	95.5	2.5	0.6
170	4/4/2015 07:16:12	14.15	45.96	29.81	8.16	7.99	6.3	1.818	95.5	2.3	0.5
171	4/4/2015 07:31:11	14.13	45.99	29.83	8.15	7.99	6.2	1.899	95.3	2.7	0.6
172	4/4/2015 07:46:11	14.14	46.13	29.93	8.19	7.99	6.2	1.996	95.9	2.7	0.6
173	4/4/2015 08:01:11	14.03	46.49	30.19	8.18	7.98	8.3	2.066	95.7	2.2	0.5
174	4/4/2015 08:16:11	13.96	46.59	30.26	8.20	7.98	5.4	2.172	95.8	2.5	0.6
175	4/4/2015 08:31:12	13.82	46.92	30.49	8.22	7.98	5.7	2.271	95.9	2.0	0.5
176	4/4/2015 08:46:11	13.77	47.24	30.72	8.28	7.98	6.4	2.349	96.7	2.5	0.6
177	4/4/2015 09:01:11	13.76	47.48	30.89	8.30	7.98	5.3	2.431	97.1	2.3	0.5
178	4/4/2015 09:16:12	13.73	47.54	30.94	8.30	7.98	5.4	2.514	97.0	2.5	0.6
179	4/4/2015 09:31:11	13.68	47.61	30.99	8.30	7.98	6.0	2.602	96.9	2.7	0.6
180	4/4/2015 09:46:12	13.49	47.84	31.15	8.24	7.97	7.5	2.674	95.9	2.4	0.6
181	4/4/2015 10:01:11	13.29	47.90	31.18	8.26	7.97	8.5	2.751	95.7	2.8	0.7
182	4/4/2015 10:16:11	13.13	48.09	31.31	8.23	7.96	8.6	2.829	95.2	2.5	0.6
183	4/4/2015 10:31:12	13.03	48.21	31.40	8.21	7.96	7.7	2.911	94.8	2.6	0.6
184	4/4/2015 10:46:12	12.90	48.44	31.56	8.19	7.96	7.0	2.986	94.4	2.4	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
185	4/4/2015 11:01:12	12.67	48.66	31.72	8.16	7.95	6.9	3.066	93.7	2.7	0.6
186	4/4/2015 11:16:12	12.23	49.14	32.04	8.10	7.94	9.0	3.121	92.4	2.6	0.6
187	4/4/2015 11:31:12	11.88	49.48	32.27	8.10	7.93	9.1	3.190	91.9	1.9	0.4
188	4/4/2015 11:46:11	11.74	49.60	32.35	8.10	7.93	7.6	3.216	91.6	2.1	0.5
189	4/4/2015 12:01:11	11.71	49.87	32.54	8.11	7.93	5.6	3.253	91.8	1.6	0.4
190	4/4/2015 12:16:11	11.69	49.79	32.49	8.04	7.93	4.3	3.300	90.9	1.6	0.4
191	4/4/2015 12:31:11	11.73	49.77	32.47	8.05	7.93	6.5	3.288	91.1	1.9	0.4
192	4/4/2015 12:46:11	11.68	49.77	32.48	8.08	7.92	6.8	3.246	91.3	1.8	0.4
193	4/4/2015 13:01:11	12.27	49.41	32.24	8.18	7.94	7.8	3.189	93.4	1.9	0.5
194	4/4/2015 13:16:11	12.27	49.32	32.17	8.16	7.94	6.1	3.123	93.2	2.2	0.5
195	4/4/2015 13:31:11	13.04	48.82	31.84	8.32	7.97	7.0	3.068	96.4	2.9	0.7
196	4/4/2015 13:46:11	13.23	48.88	31.90	8.50	7.97	6.5	2.975	98.9	2.4	0.6
197	4/4/2015 14:01:11	13.41	48.58	31.68	8.44	7.97	7.0	2.883	98.4	2.6	0.6
198	4/4/2015 14:16:11	13.89	47.88	31.19	8.62	8.01	6.9	2.812	101.2	2.2	0.5
199	4/4/2015 14:31:11	14.38	47.66	31.04	8.82	8.03	6.8	2.704	104.4	2.0	0.5
200	4/4/2015 14:46:11	14.60	47.53	30.95	9.00	8.05	5.6	2.615	107.1	2.0	0.5
201	4/4/2015 15:01:11	14.75	47.29	30.78	9.10	8.06	5.8	2.537	108.4	2.2	0.5
202	4/4/2015 15:16:12	14.84	47.49	30.93	9.16	8.06	5.3	2.427	109.5	2.8	0.7
203	4/4/2015 15:31:11	15.01	46.89	30.50	9.16	8.06	5.5	2.321	109.6	2.6	0.6
204	4/4/2015 15:46:11	15.04	47.23	30.75	9.20	8.06	5.7	2.235	110.2	2.8	0.6
205	4/4/2015 16:01:11	15.16	46.81	30.45	9.21	8.07	5.3	2.135	110.4	3.1	0.7
206	4/4/2015 16:16:11	15.21	46.89	30.50	9.29	8.08	5.6	2.044	111.5	2.9	0.7
207	4/4/2015 16:31:11	15.31	46.52	30.24	9.29	8.08	5.4	1.973	111.6	3.0	0.7
208	4/4/2015 16:46:11	15.29	46.71	30.37	9.34	8.09	5.1	1.870	112.2	2.6	0.6
209	4/4/2015 17:01:11	15.43	46.63	30.32	9.33	8.09	4.8	1.823	112.4	2.9	0.7
210	4/4/2015 17:16:11	15.47	46.55	30.27	9.40	8.10	4.7	1.767	113.2	3.3	0.8
211	4/4/2015 17:31:11	15.52	46.45	30.19	9.39	8.10	4.6	1.734	113.2	3.3	0.8
212	4/4/2015 17:46:11	15.54	46.43	30.18	9.36	8.10	4.6	1.685	112.9	3.5	0.8
213	4/4/2015 18:01:11	15.47	46.33	30.11	9.26	8.09	4.0	1.699	111.5	3.6	0.8
214	4/4/2015 18:16:11	15.46	46.41	30.16	9.35	8.09	3.9	1.729	112.6	3.1	0.7
215	4/4/2015 18:31:12	15.39	46.57	30.27	9.28	8.08	4.0	1.781	111.7	2.9	0.7
216	4/4/2015 18:46:11	15.37	46.42	30.17	9.29	8.08	4.1	1.830	111.7	3.3	0.8
217	4/4/2015 19:01:11	15.29	46.48	30.21	9.26	8.08	4.2	1.885	111.2	3.1	0.7
218	4/4/2015 19:16:11	15.38	46.30	30.08	9.03	8.05	5.3	1.973	108.5	3.4	0.8
219	4/4/2015 19:31:11	15.34	46.31	30.09	9.01	8.05	5.3	2.070	108.2	3.1	0.7
220	4/4/2015 19:46:11	15.23	46.50	30.23	9.03	8.05	5.6	2.151	108.3	3.5	0.8
221	4/4/2015 20:01:12	15.05	46.80	30.44	8.97	8.04	5.2	2.234	107.3	3.3	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
222	4/4/2015 20:16:12	14.74	47.13	30.67	8.84	8.03	4.9	2.325	105.2	2.6	0.6
223	4/4/2015 20:31:11	14.36	47.43	30.88	8.69	8.01	5.9	2.407	102.8	2.9	0.7
224	4/4/2015 20:46:11	14.20	47.67	31.05	8.64	8.00	6.1	2.488	102.0	2.7	0.6
225	4/4/2015 21:01:11	14.06	47.89	31.20	8.60	7.99	5.6	2.573	101.3	3.1	0.7
226	4/4/2015 21:16:11	13.86	47.98	31.26	8.56	7.99	6.3	2.653	100.5	2.6	0.6
227	4/4/2015 21:31:12	13.62	48.21	31.42	8.49	7.98	7.3	2.736	99.3	2.9	0.7
228	4/4/2015 21:46:12	13.43	48.43	31.58	8.43	7.97	8.4	2.825	98.3	2.6	0.6
229	4/4/2015 22:01:11	13.12	48.50	31.61	8.41	7.96	8.9	2.906	97.5	2.6	0.6
230	4/4/2015 22:16:12	12.94	48.72	31.77	8.39	7.96	7.7	2.987	96.9	2.3	0.5
231	4/4/2015 22:31:12	12.64	49.07	32.01	8.36	7.95	8.7	3.080	96.2	2.1	0.5
232	4/4/2015 22:46:11	12.36	49.20	32.09	8.33	7.94	9.5	3.164	95.3	2.6	0.6
233	4/4/2015 23:01:11	11.88	49.74	32.46	8.31	7.93	9.3	3.242	94.3	2.8	0.7
234	4/4/2015 23:16:11	11.59	49.99	32.63	8.29	7.92	10.1	3.313	93.7	2.2	0.5
235	4/4/2015 23:31:11	11.44	50.25	32.81	8.28	7.92	8.7	3.378	93.3	2.5	0.6
236	4/4/2015 23:46:12	11.34	50.30	32.84	8.25	7.92	7.6	3.431	92.8	2.6	0.6
237	4/5/2015 00:01:11	11.26	50.22	32.78	8.25	7.91	5.1	3.463	92.6	1.7	0.4
238	4/5/2015 00:16:11	11.26	50.31	32.85	8.18	7.91	4.7	3.480	91.8	2.3	0.6
239	4/5/2015 00:31:11	11.24	50.13	32.71	8.24	7.92	6.5	3.463	92.4	1.9	0.4
240	4/5/2015 00:46:11	11.24	50.32	32.85	8.24	7.92	6.8	3.441	92.5	1.7	0.4
241	4/5/2015 01:01:11	11.97	49.37	32.19	8.30	7.94	6.8	3.399	94.2	2.5	0.6
242	4/5/2015 01:16:11	12.62	48.95	31.92	8.27	7.95	7.1	3.297	95.1	2.3	0.5
243	4/5/2015 01:31:12	12.53	49.01	31.96	8.32	7.95	6.4	3.218	95.4	2.4	0.6
244	4/5/2015 01:46:11	12.55	48.89	31.88	8.31	7.95	8.7	3.124	95.3	2.6	0.6
245	4/5/2015 02:01:11	12.84	48.73	31.77	8.29	7.96	6.8	3.004	95.6	1.8	0.4
246	4/5/2015 02:16:11	12.92	48.69	31.75	8.28	7.96	5.8	2.895	95.6	1.8	0.4
247	4/5/2015 02:31:11	13.05	48.39	31.53	8.28	7.96	5.5	2.805	95.7	2.4	0.6
248	4/5/2015 02:46:11	13.19	48.19	31.39	8.31	7.97	5.4	2.711	96.2	2.3	0.5
249	4/5/2015 03:01:11	13.25	48.14	31.36	8.34	7.97	5.4	2.581	96.7	2.1	0.5
250	4/5/2015 03:16:11	13.60	47.71	31.06	8.32	7.98	7.4	2.473	97.1	2.6	0.6
251	4/5/2015 03:31:11	13.48	47.83	31.14	8.41	7.98	6.3	2.376	97.8	2.5	0.6
252	4/5/2015 03:46:12	13.68	47.50	30.91	8.32	8.00	6.3	2.259	97.1	2.6	0.6
253	4/5/2015 04:01:12	13.57	47.53	30.93	8.44	8.00	7.6	2.136	98.3	2.8	0.7
254	4/5/2015 04:16:11	13.79	47.22	30.71	8.49	8.01	7.8	2.024	99.2	2.6	0.6
255	4/5/2015 04:31:11	13.46	47.19	30.67	8.49	8.00	10.3	1.921	98.5	2.9	0.7
256	4/5/2015 04:46:11	13.68	47.11	30.63	8.53	8.02	11.0	1.814	99.4	3.0	0.7
257	4/5/2015 05:01:11	13.83	46.90	30.48	8.59	8.03	10.7	1.695	100.3	3.0	0.7
258	4/5/2015 05:16:11	14.00	46.72	30.35	8.64	8.04	9.8	1.599	101.2	3.2	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
259	4/5/2015 05:31:11	14.08	46.66	30.31	8.61	8.04	9.4	1.529	100.9	3.1	0.7
260	4/5/2015 05:46:11	14.20	46.45	30.16	8.62	8.05	8.5	1.475	101.2	3.2	0.8
261	4/5/2015 06:01:11	14.22	46.49	30.19	8.57	8.05	7.2	1.407	100.6	2.8	0.7
262	4/5/2015 06:16:11	14.26	46.28	30.04	8.56	8.05	6.6	1.386	100.6	3.1	0.7
263	4/5/2015 06:31:12	14.18	46.42	30.14	8.47	8.04	6.7	1.406	99.4	2.7	0.6
264	4/5/2015 06:46:12	14.19	46.42	30.15	8.55	8.05	6.5	1.436	100.3	2.6	0.6
265	4/5/2015 07:01:12	14.24	46.46	30.17	8.54	8.04	6.1	1.477	100.3	2.6	0.6
266	4/5/2015 07:16:11	14.23	46.40	30.13	8.53	8.04	5.9	1.527	100.2	2.6	0.6
267	4/5/2015 07:31:11	14.23	46.54	30.23	8.55	8.04	5.9	1.639	100.5	2.5	0.6
268	4/5/2015 07:46:11	14.17	46.44	30.15	8.48	8.03	6.5	1.707	99.5	2.0	0.5
269	4/5/2015 08:01:11	14.13	46.34	30.08	8.45	8.02	5.7	1.799	99.1	2.4	0.6
270	4/5/2015 08:16:11	14.12	46.45	30.16	8.45	8.02	6.1	1.893	99.1	2.6	0.6
271	4/5/2015 08:31:11	14.08	46.73	30.36	8.43	8.01	6.5	1.987	98.9	2.2	0.5
272	4/5/2015 08:46:12	13.99	46.71	30.34	8.40	8.00	6.0	2.072	98.3	2.8	0.6
273	4/5/2015 09:01:12	13.84	47.17	30.68	8.37	7.99	6.1	2.153	97.8	2.2	0.5
274	4/5/2015 09:16:12	13.66	47.58	30.97	8.35	7.98	5.9	2.256	97.5	2.1	0.5
275	4/5/2015 09:31:11	13.63	47.70	31.05	8.39	7.98	5.6	2.346	97.9	2.4	0.6
276	4/5/2015 09:46:11	13.59	47.78	31.11	8.40	7.98	5.2	2.425	97.9	2.1	0.5
277	4/5/2015 10:01:11	13.44	47.95	31.22	8.38	7.97	6.4	2.513	97.5	2.1	0.5
278	4/5/2015 10:16:11	13.28	48.14	31.36	8.35	7.97	7.0	2.596	96.9	2.6	0.6
279	4/5/2015 10:31:11	13.13	48.34	31.50	8.34	7.96	7.5	2.685	96.6	3.1	0.7
280	4/5/2015 10:46:11	12.98	48.32	31.48	8.34	7.96	8.4	2.765	96.2	2.4	0.6
281	4/5/2015 11:01:11	12.65	48.63	31.69	8.38	7.95	9.3	2.848	96.2	2.6	0.6
282	4/5/2015 11:16:11	12.48	48.85	31.84	8.40	7.95	8.4	2.926	96.1	2.4	0.6
283	4/5/2015 11:31:11	12.22	49.24	32.11	8.42	7.95	8.8	3.015	96.1	2.8	0.7
284	4/5/2015 11:46:12	11.88	49.39	32.21	8.47	7.95	10.0	3.100	96.0	2.6	0.6
285	4/5/2015 12:01:12	11.66	49.85	32.53	8.50	7.95	9.2	3.154	96.0	3.0	0.7
286	4/5/2015 12:16:12	11.56	49.98	32.62	8.52	7.95	6.8	3.213	96.2	2.5	0.6
287	4/5/2015 12:31:12	11.50	49.99	32.62	8.54	7.95	6.5	3.248	96.3	2.6	0.6
288	4/5/2015 12:46:11	11.48	50.00	32.63	8.52	7.95	4.0	3.287	96.0	1.9	0.4
289	4/5/2015 13:01:11	11.62	49.92	32.58	8.52	7.95	5.3	3.288	96.3	2.1	0.5
290	4/5/2015 13:16:11	11.53	50.01	32.64	8.52	7.95	6.2	3.275	96.1	2.3	0.5
291	4/5/2015 13:31:11	11.51	50.01	32.64	8.55	7.95	6.9	3.224	96.4	2.4	0.6
292	4/5/2015 13:46:11	12.39	49.07	32.00	8.52	7.96	6.4	3.183	97.4	2.2	0.5
293	4/5/2015 14:01:11	12.73	48.91	31.89	8.53	7.97	6.1	3.111	98.2	2.5	0.6
294	4/5/2015 14:16:11	12.74	48.80	31.81	8.51	7.97	6.8	3.013	97.9	2.8	0.7
295	4/5/2015 14:31:11	12.98	48.60	31.68	8.57	7.98	6.2	2.925	99.1	2.6	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
296	4/5/2015 14:46:11	13.33	48.19	31.39	8.66	7.99	7.4	2.829	100.6	3.0	0.7
297	4/5/2015 15:01:11	13.42	48.20	31.41	8.74	8.00	4.7	2.746	101.7	2.4	0.6
298	4/5/2015 15:16:11	13.57	48.07	31.31	8.78	8.01	4.2	2.660	102.5	2.8	0.7
299	4/5/2015 15:31:12	13.70	47.95	31.24	8.83	8.02	4.5	2.571	103.3	2.8	0.7
300	4/5/2015 15:46:11	13.61	48.11	31.35	8.91	8.02	4.3	2.486	104.1	2.5	0.6
301	4/5/2015 16:01:12	14.00	47.56	30.96	8.90	8.04	5.4	2.401	104.6	3.2	0.8
302	4/5/2015 16:16:12	13.90	47.83	31.15	8.99	8.04	4.3	2.318	105.5	2.8	0.7
303	4/5/2015 16:31:11	14.15	47.34	30.80	9.02	8.05	4.5	2.232	106.2	2.6	0.6
304	4/5/2015 16:46:12	14.16	47.34	30.81	9.06	8.06	4.3	2.146	106.8	2.6	0.6
305	4/5/2015 17:01:11	14.23	47.19	30.70	9.11	8.07	4.4	2.070	107.4	2.8	0.7
306	4/5/2015 17:16:12	14.25	47.12	30.65	9.19	8.08	4.5	1.992	108.4	3.4	0.8
307	4/5/2015 17:31:12	14.29	47.01	30.57	9.16	8.08	4.6	1.939	108.0	3.1	0.7
308	4/5/2015 17:46:12	14.37	46.81	30.43	9.15	8.08	4.4	1.874	107.9	3.1	0.7
309	4/5/2015 18:01:12	14.38	46.59	30.27	9.13	8.08	4.6	1.828	107.6	3.3	0.8
310	4/5/2015 18:16:12	14.40	46.37	30.11	9.06	8.08	4.2	1.819	106.7	3.5	0.8
311	4/5/2015 18:31:12	14.34	46.73	30.37	9.00	8.07	4.0	1.819	106.1	2.6	0.6
312	4/5/2015 18:46:11	14.27	46.96	30.54	8.98	8.06	4.3	1.835	105.8	3.0	0.7
313	4/5/2015 19:01:12	14.25	46.82	30.44	9.04	8.07	4.4	1.863	106.4	3.0	0.7
314	4/5/2015 19:16:12	14.22	46.79	30.41	9.00	8.06	4.0	1.916	105.9	3.0	0.7
315	4/5/2015 19:31:11	14.17	47.02	30.57	9.00	8.06	4.6	1.992	105.8	2.9	0.7
316	4/5/2015 19:46:11	14.18	46.61	30.28	8.85	8.03	6.1	2.070	103.9	3.6	0.8
317	4/5/2015 20:01:11	14.13	46.91	30.49	8.86	8.03	5.7	2.161	104.1	3.3	0.8
318	4/5/2015 20:16:12	14.06	47.16	30.67	8.86	8.03	4.8	2.248	104.0	3.1	0.7
319	4/5/2015 20:31:11	13.91	47.44	30.87	8.77	8.02	5.1	2.330	102.8	3.0	0.7
320	4/5/2015 20:46:11	13.67	47.70	31.05	8.70	8.00	5.5	2.407	101.6	2.7	0.6
321	4/5/2015 21:01:11	13.51	47.92	31.20	8.65	7.99	5.1	2.505	100.7	3.1	0.7
322	4/5/2015 21:16:12	13.38	48.06	31.30	8.60	7.99	4.9	2.594	100.0	2.9	0.7
323	4/5/2015 21:31:12	13.27	48.14	31.36	8.58	7.99	5.1	2.662	99.5	3.0	0.7
324	4/5/2015 21:46:11	13.03	48.46	31.58	8.56	7.97	6.4	2.751	99.0	2.9	0.7
325	4/5/2015 22:01:11	12.78	48.75	31.79	8.57	7.97	7.9	2.818	98.6	3.0	0.7
326	4/5/2015 22:16:12	12.59	48.89	31.87	8.55	7.96	8.1	2.906	98.2	2.7	0.6
327	4/5/2015 22:31:11	12.29	49.04	31.98	8.56	7.96	8.4	3.003	97.7	3.0	0.7
328	4/5/2015 22:46:11	12.11	49.24	32.11	8.56	7.96	8.1	3.089	97.5	2.8	0.7
329	4/5/2015 23:01:11	11.92	49.42	32.23	8.54	7.95	7.9	3.174	96.8	3.0	0.7
330	4/5/2015 23:16:11	11.67	49.63	32.37	8.48	7.95	7.1	3.270	95.7	2.4	0.6
331	4/5/2015 23:31:11	11.32	50.08	32.68	8.34	7.94	6.5	3.342	93.6	2.6	0.6
332	4/5/2015 23:46:12	11.05	50.25	32.79	8.18	7.93	7.5	3.413	91.4	2.2	0.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
333	4/6/2015 00:01:11	10.90	50.41	32.89	8.11	7.93	6.5	3.475	90.4	2.4	0.6
334	4/6/2015 00:16:11	10.79	50.43	32.90	8.06	7.92	5.3	3.519	89.6	2.6	0.6
335	4/6/2015 00:31:11	10.76	50.45	32.92	8.00	7.92	4.2	3.543	89.0	2.4	0.6
336	4/6/2015 00:46:11	10.96	50.30	32.82	8.06	7.93	5.3	3.562	89.9	2.6	0.6
337	4/6/2015 01:01:11	10.75	50.52	32.97	7.97	7.92	4.7	3.550	88.6	2.1	0.5
338	4/6/2015 01:16:11	10.76	50.56	32.99	7.99	7.92	5.4	3.496	88.8	2.3	0.5
339	4/6/2015 01:31:11	11.28	49.84	32.50	8.22	7.94	5.3	3.436	92.1	2.1	0.5
340	4/6/2015 01:46:12	11.95	49.21	32.08	8.45	7.96	5.3	3.376	95.9	2.6	0.6
341	4/6/2015 02:01:12	11.86	49.20	32.07	8.44	7.96	5.6	3.273	95.5	5.6	1.3
342	4/6/2015 02:16:11	12.17	48.77	31.77	8.44	7.97	6.2	3.172	96.0	5.5	1.3
343	4/6/2015 02:31:12	11.94	48.99	31.92	8.52	7.96	6.7	3.075	96.5	2.5	0.6
344	4/6/2015 02:46:11	12.07	49.03	31.95	8.50	7.96	5.7	2.973	96.6	2.7	0.6
345	4/6/2015 03:01:11	12.15	49.02	31.95	8.50	7.96	5.1	2.864	96.7	2.5	0.6
346	4/6/2015 03:16:11	12.16	48.85	31.83	8.50	7.97	5.2	2.754	96.7	2.2	0.5
347	4/6/2015 03:31:11	12.30	48.67	31.70	8.46	7.97	5.1	2.648	96.4	2.2	0.5
348	4/6/2015 03:46:11	12.53	48.18	31.36	8.44	7.98	5.5	2.533	96.4	2.7	0.6
349	4/6/2015 04:01:11	12.96	47.70	31.03	8.49	8.00	7.9	2.415	97.6	2.9	0.7
350	4/6/2015 04:16:11	12.54	48.08	31.29	8.52	7.99	6.2	2.309	97.3	1.8	0.4
351	4/6/2015 04:31:11	12.62	47.91	31.16	8.52	8.00	7.4	2.196	97.4	2.7	0.6
352	4/6/2015 04:46:11	12.82	47.68	31.01	8.50	8.01	8.4	2.063	97.5	2.7	0.6
353	4/6/2015 05:01:11	12.77	47.56	30.92	8.51	8.01	9.7	1.953	97.5	3.9	0.9
354	4/6/2015 05:16:11	12.63	47.57	30.92	8.58	8.01	10.3	1.836	97.9	4.3	1.0
355	4/6/2015 05:31:11	12.72	47.31	30.74	8.58	8.02	10.3	1.730	98.1	5.1	1.2
356	4/6/2015 05:46:11	12.84	47.20	30.66	8.58	8.03	10.7	1.623	98.2	5.3	1.2
357	4/6/2015 06:01:11	12.92	46.90	30.45	8.59	8.04	10.4	1.527	98.4	6.6	1.6
358	4/6/2015 06:16:11	13.01	46.86	30.43	8.57	8.04	10.8	1.462	98.3	5.6	1.3
359	4/6/2015 06:31:11	13.00	46.67	30.28	8.56	8.04	9.8	1.413	98.1	4.1	1.0
360	4/6/2015 06:46:12	13.02	46.76	30.35	8.49	8.04	8.8	1.390	97.4	5.3	1.3
361	4/6/2015 07:01:11	12.97	46.63	30.26	8.46	8.04	8.1	1.379	96.9	9.7	2.3
362	4/6/2015 07:16:11	13.00	46.80	30.38	8.52	8.04	9.2	1.403	97.8	4.8	1.1
363	4/6/2015 07:31:11	13.02	46.81	30.39	8.54	8.04	8.7	1.457	98.0	4.1	1.0
364	4/6/2015 07:46:11	13.04	46.86	30.42	8.55	8.04	8.1	1.508	98.2	4.3	1.0
365	4/6/2015 08:01:12	13.00	46.84	30.41	8.53	8.03	8.2	1.581	97.8	3.7	0.9
366	4/6/2015 08:16:11	12.88	46.24	29.97	8.49	8.01	8.2	1.674	96.9	4.0	0.9
367	4/6/2015 08:31:12	12.86	46.23	29.96	8.47	8.01	9.0	1.771	96.6	4.0	0.9
368	4/6/2015 08:46:12	12.89	46.65	30.27	8.48	8.01	10.0	1.846	96.9	3.7	0.9
369	4/6/2015 09:01:12	12.91	46.96	30.49	8.45	8.01	6.8	1.927	96.8	4.1	1.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
370	4/6/2015 09:16:12	12.86	47.18	30.65	8.44	8.00	6.7	2.035	96.7	7.3	1.7
371	4/6/2015 09:31:12	12.75	47.52	30.89	8.42	7.99	6.2	2.107	96.4	4.5	1.1
372	4/6/2015 09:46:12	12.74	47.59	30.94	8.45	7.99	6.1	2.207	96.8	4.8	1.1
373	4/6/2015 10:01:11	12.76	47.78	31.08	8.48	7.99	5.6	2.286	97.2	6.0	1.4
374	4/6/2015 10:16:11	12.71	47.90	31.16	8.50	7.99	6.2	2.375	97.4	4.4	1.0
375	4/6/2015 10:31:11	12.61	48.13	31.32	8.50	7.98	6.7	2.454	97.3	7.0	1.6
376	4/6/2015 10:46:11	12.53	48.19	31.37	8.49	7.98	7.0	2.534	97.1	6.9	1.6
377	4/6/2015 11:01:11	12.46	48.42	31.53	8.48	7.97	6.9	2.622	96.9	6.9	1.6
378	4/6/2015 11:16:12	12.35	48.58	31.64	8.46	7.97	7.6	2.699	96.4	6.9	1.6
379	4/6/2015 11:31:11	12.10	48.74	31.75	8.48	7.96	8.5	2.775	96.3	11.3	2.7
380	4/6/2015 11:46:11	11.92	48.87	31.83	8.49	7.96	8.7	2.860	96.1	9.1	2.1
381	4/6/2015 12:01:11	11.69	49.14	32.02	8.47	7.96	7.9	2.947	95.5	13.4	3.2
382	4/6/2015 12:16:11	11.39	49.54	32.29	8.42	7.95	9.2	3.032	94.4	6.5	1.5
383	4/6/2015 12:31:11	11.10	49.91	32.54	8.40	7.95	8.2	3.092	93.8	8.0	1.9
384	4/6/2015 12:46:11	10.94	50.04	32.63	8.38	7.95	7.8	3.164	93.3	6.7	1.6
385	4/6/2015 13:01:11	10.87	50.04	32.63	8.36	7.95	5.4	3.213	93.0	5.5	1.3
386	4/6/2015 13:16:11	10.81	50.12	32.68	8.36	7.95	5.1	3.254	92.9	7.2	1.7
387	4/6/2015 13:31:11	10.77	50.21	32.74	8.31	7.95	3.9	3.275	92.3	7.6	1.8
388	4/6/2015 13:46:11	10.83	50.08	32.65	8.35	7.95	5.3	3.284	92.8	7.1	1.7
389	4/6/2015 14:01:11	10.80	50.13	32.69	8.32	7.95	5.1	3.269	92.4	13.4	3.1
390	4/6/2015 14:16:11	10.80	50.29	32.81	8.34	7.95	5.7	3.226	92.7	5.7	1.3
391	4/6/2015 14:31:11	11.58	49.19	32.05	8.66	7.98	5.6	3.167	97.5	5.3	1.3
392	4/6/2015 14:46:11	11.89	48.94	31.88	8.67	7.98	5.0	3.099	98.1	4.2	1.0
393	4/6/2015 15:01:11	11.57	49.29	32.12	8.46	7.97	6.4	3.021	95.2	4.7	1.1
394	4/6/2015 15:16:12	11.76	49.05	31.95	8.51	7.97	6.7	2.917	96.1	4.1	1.0
395	4/6/2015 15:31:12	11.94	48.70	31.71	8.57	7.98	6.8	2.833	97.0	6.9	1.6
396	4/6/2015 15:46:11	11.96	48.53	31.59	8.61	7.99	5.9	2.752	97.3	7.7	1.8
397	4/6/2015 16:01:11	12.03	48.45	31.53	8.63	7.99	6.1	2.659	97.7	7.0	1.7
398	4/6/2015 16:16:11	12.07	48.37	31.48	8.64	7.99	5.3	2.585	97.8	2.9	0.7
399	4/6/2015 16:31:11	12.14	48.21	31.36	8.63	7.99	5.6	2.503	97.8	5.3	1.2
400	4/6/2015 16:46:11	12.11	48.27	31.40	8.63	7.99	5.2	2.434	97.8	7.2	1.7
401	4/6/2015 17:01:12	12.13	48.23	31.38	8.67	7.99	4.8	2.360	98.2	5.9	1.4
402	4/6/2015 17:16:12	12.22	48.10	31.29	8.67	8.00	5.4	2.284	98.4	4.1	1.0
403	4/6/2015 17:31:12	12.22	47.90	31.14	8.69	8.00	4.7	2.229	98.5	6.1	1.4
404	4/6/2015 17:46:12	12.22	47.70	31.00	8.73	8.01	4.9	2.150	98.9	4.7	1.1
405	4/6/2015 18:01:11	12.25	47.40	30.78	8.73	8.01	4.8	2.111	98.8	4.9	1.2
406	4/6/2015 18:16:11	12.40	47.23	30.67	8.74	8.02	4.4	2.046	99.2	4.6	1.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
407	4/6/2015 18:31:11	12.42	47.14	30.60	8.73	8.02	4.6	2.029	99.0	3.8	0.9
408	4/6/2015 18:46:12	12.41	46.75	30.33	8.67	8.02	4.4	2.009	98.2	15.8	3.7
409	4/6/2015 19:01:11	12.47	47.45	30.83	8.51	8.00	3.6	1.992	96.8	19.4	4.6
410	4/6/2015 19:16:11	12.45	47.62	30.95	8.59	8.00	4.1	2.031	97.7	9.7	2.3
411	4/6/2015 19:31:11	12.41	47.67	30.98	8.65	8.00	4.9	2.051	98.3	17.1	4.0
412	4/6/2015 19:46:11	12.42	47.67	30.98	8.63	8.00	5.5	2.100	98.2	24.5	5.8
413	4/6/2015 20:01:12	12.34	47.46	30.83	8.69	8.00	4.7	2.163	98.5	3.1	0.7
414	4/6/2015 20:16:12	12.36	47.57	30.91	8.63	8.00	5.1	2.233	98.0	2.7	0.6
415	4/6/2015 20:31:12	12.35	47.71	31.01	8.63	7.99	5.7	2.309	98.0	3.4	0.8
416	4/6/2015 20:46:12	12.26	47.46	30.83	8.65	7.99	5.6	2.382	98.0	3.4	0.8
417	4/6/2015 21:01:12	12.15	47.69	30.99	8.63	7.99	5.2	2.469	97.6	2.8	0.7
418	4/6/2015 21:16:11	12.13	47.98	31.20	8.60	7.98	6.1	2.544	97.4	3.0	0.7
419	4/6/2015 21:31:12	12.01	47.95	31.17	8.62	7.98	5.3	2.624	97.3	2.7	0.6
420	4/6/2015 21:46:11	11.91	47.81	31.07	8.62	7.98	5.3	2.705	97.1	3.4	0.8
421	4/6/2015 22:01:11	11.92	48.52	31.58	8.55	7.97	6.1	2.785	96.6	3.0	0.7
422	4/6/2015 22:16:11	11.81	48.64	31.66	8.54	7.97	5.9	2.871	96.3	2.9	0.7
423	4/6/2015 22:31:11	11.59	48.60	31.62	8.55	7.97	8.6	2.953	95.9	3.5	0.8
424	4/6/2015 22:46:11	11.46	48.84	31.79	8.54	7.97	8.3	3.045	95.6	3.2	0.8
425	4/6/2015 23:01:11	11.19	48.96	31.86	8.57	7.97	7.6	3.138	95.5	2.8	0.7
426	4/6/2015 23:16:12	10.95	49.30	32.09	8.57	7.97	7.1	3.217	95.2	3.0	0.7
427	4/6/2015 23:31:12	10.90	49.38	32.15	8.55	7.97	5.9	3.304	94.9	2.9	0.7
428	4/6/2015 23:46:12	10.74	49.55	32.26	8.57	7.97	5.7	3.389	94.8	2.8	0.7
429	4/7/2015 00:01:12	10.60	49.74	32.39	8.56	7.97	5.3	3.451	94.5	2.7	0.6
430	4/7/2015 00:16:11	10.53	49.74	32.39	8.55	7.97	4.3	3.512	94.2	2.5	0.6
431	4/7/2015 00:31:11	10.44	49.80	32.43	8.56	7.97	4.2	3.561	94.2	2.8	0.6
432	4/7/2015 00:46:11	10.40	49.90	32.49	8.52	7.97	3.3	3.594	93.7	2.5	0.6
433	4/7/2015 01:01:11	10.36	49.96	32.53	8.43	7.97	2.8	3.609	92.7	2.6	0.6
434	4/7/2015 01:16:11	10.38	49.90	32.49	8.49	7.97	3.2	3.618	93.4	2.9	0.7
435	4/7/2015 01:31:11	10.37	49.95	32.53	8.45	7.97	3.9	3.602	92.9	2.1	0.5
436	4/7/2015 01:46:11	10.66	49.54	32.25	8.50	7.97	3.9	3.559	93.8	2.6	0.6
437	4/7/2015 02:01:11	10.97	49.14	31.98	8.55	7.97	4.7	3.515	94.9	3.1	0.7
438	4/7/2015 02:16:12	10.95	49.17	32.00	8.53	7.97	4.3	3.443	94.6	2.2	0.5
439	4/7/2015 02:31:11	11.00	48.78	31.72	8.56	7.97	4.8	3.352	94.9	2.6	0.6
440	4/7/2015 02:46:11	10.98	48.76	31.70	8.59	7.97	5.0	3.268	95.2	2.2	0.5
441	4/7/2015 03:01:11	11.10	48.33	31.40	8.58	7.97	6.0	3.159	95.1	2.3	0.5
442	4/7/2015 03:16:11	11.17	48.09	31.23	8.56	7.97	6.1	3.065	95.0	2.3	0.5
443	4/7/2015 03:31:11	11.37	47.45	30.78	8.54	7.97	7.9	2.946	94.9	2.5	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
444	4/7/2015 03:46:11	11.48	47.25	30.64	8.55	7.98	8.3	2.831	95.1	2.3	0.5
445	4/7/2015 04:01:11	11.54	46.84	30.35	8.56	7.98	7.8	2.721	95.2	2.8	0.7
446	4/7/2015 04:16:11	11.55	46.95	30.43	8.53	7.98	8.0	2.621	95.0	2.5	0.6
447	4/7/2015 04:31:11	11.41	47.26	30.65	8.50	7.97	7.2	2.495	94.4	2.6	0.6
448	4/7/2015 04:46:11	11.55	47.31	30.68	8.48	7.97	7.6	2.371	94.5	2.8	0.6
449	4/7/2015 05:01:11	11.61	47.24	30.64	8.48	7.98	7.0	2.268	94.6	2.8	0.7
450	4/7/2015 05:16:11	11.55	47.33	30.70	8.48	7.98	6.2	2.151	94.5	2.5	0.6
451	4/7/2015 05:31:11	11.59	47.28	30.67	8.46	7.98	7.0	2.030	94.4	2.7	0.6
452	4/7/2015 05:46:12	11.70	47.08	30.53	8.41	7.98	7.8	1.910	94.0	2.9	0.7
453	4/7/2015 06:01:11	11.62	46.94	30.43	8.38	7.98	8.3	1.804	93.4	2.5	0.6
454	4/7/2015 06:16:11	11.65	46.85	30.36	8.38	7.98	8.4	1.699	93.4	2.8	0.7
455	4/7/2015 06:31:12	11.75	46.68	30.25	8.34	7.98	7.0	1.589	93.1	3.0	0.7
456	4/7/2015 06:46:11	11.78	46.44	30.08	8.32	7.99	7.0	1.505	92.8	3.0	0.7
457	4/7/2015 07:01:11	11.83	46.38	30.03	8.33	7.99	6.3	1.444	93.0	3.4	0.8
458	4/7/2015 07:16:12	11.82	46.31	29.98	8.30	7.99	6.5	1.398	92.7	2.9	0.7
459	4/7/2015 07:31:11	11.82	46.26	29.95	8.30	7.99	5.7	1.381	92.6	3.2	0.8
460	4/7/2015 07:46:11	11.85	46.40	30.05	8.26	7.98	6.3	1.385	92.3	2.2	0.5
461	4/7/2015 08:01:11	11.85	46.37	30.03	8.31	7.98	5.9	1.415	92.8	2.9	0.7
462	4/7/2015 08:16:11	11.90	46.35	30.01	8.34	7.99	5.3	1.481	93.3	2.7	0.6
463	4/7/2015 08:31:11	11.92	46.22	29.92	8.37	7.99	5.6	1.551	93.6	2.8	0.7
464	4/7/2015 08:46:11	11.85	45.43	29.35	8.38	7.97	6.9	1.624	93.2	3.0	0.7
465	4/7/2015 09:01:11	11.82	44.92	28.98	8.40	7.97	7.2	1.727	93.2	3.0	0.7
466	4/7/2015 09:16:11	11.81	45.23	29.20	8.39	7.97	7.7	1.812	93.1	2.9	0.7
467	4/7/2015 09:31:11	11.82	45.18	29.17	8.40	7.97	7.2	1.898	93.3	2.7	0.6
468	4/7/2015 09:46:11	11.84	46.02	29.77	8.35	7.97	6.9	1.995	93.1	2.2	0.5
469	4/7/2015 10:01:12	11.77	46.16	29.87	8.38	7.97	6.8	2.080	93.3	2.3	0.5
470	4/7/2015 10:16:12	11.77	46.70	30.26	8.36	7.97	6.6	2.166	93.3	2.4	0.6
471	4/7/2015 10:31:11	11.78	46.75	30.30	8.39	7.97	7.2	2.256	93.7	2.2	0.5
472	4/7/2015 10:46:11	11.80	46.98	30.46	8.42	7.97	6.6	2.337	94.2	2.3	0.5
473	4/7/2015 11:01:11	11.79	46.93	30.43	8.45	7.97	6.4	2.424	94.5	2.3	0.5
474	4/7/2015 11:16:12	11.83	46.57	30.17	8.46	7.96	7.2	2.506	94.5	2.9	0.7
475	4/7/2015 11:31:11	11.77	47.12	30.56	8.43	7.97	7.1	2.585	94.3	2.7	0.6
476	4/7/2015 11:46:11	11.72	47.38	30.74	8.45	7.96	7.5	2.666	94.6	3.0	0.7
477	4/7/2015 12:01:12	11.68	47.42	30.78	8.43	7.96	8.9	2.755	94.3	2.9	0.7
478	4/7/2015 12:16:12	11.61	47.44	30.78	8.44	7.96	10.5	2.825	94.2	2.3	0.5
479	4/7/2015 12:31:11	11.57	47.55	30.86	8.50	7.96	13.0	2.914	94.9	2.8	0.7
480	4/7/2015 12:46:11	11.56	47.81	31.05	8.56	7.96	9.3	2.990	95.6	2.5	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
481	4/7/2015 13:01:12	11.43	48.00	31.18	8.53	7.96	9.2	3.048	95.2	3.1	0.7
482	4/7/2015 13:16:11	11.22	48.34	31.42	8.58	7.96	9.0	3.132	95.4	2.0	0.5
483	4/7/2015 13:31:11	11.05	48.46	31.49	8.60	7.96	7.0	3.189	95.3	2.3	0.5
484	4/7/2015 13:46:11	10.96	48.78	31.72	8.61	7.96	6.2	3.228	95.4	2.4	0.6
485	4/7/2015 14:01:12	10.94	48.69	31.65	8.56	7.96	4.0	3.256	94.7	2.5	0.6
486	4/7/2015 14:16:11	10.96	48.78	31.72	8.56	7.96	5.9	3.264	94.8	2.0	0.5
487	4/7/2015 14:31:12	10.88	48.90	31.80	8.55	7.96	5.8	3.265	94.6	2.0	0.5
488	4/7/2015 14:46:12	10.88	48.88	31.78	8.56	7.97	5.4	3.229	94.7	1.9	0.4
489	4/7/2015 15:01:12	11.16	48.66	31.64	8.56	7.97	6.1	3.176	95.2	2.2	0.5
490	4/7/2015 15:16:11	11.43	48.17	31.30	8.58	7.97	7.8	3.133	95.8	2.9	0.7
491	4/7/2015 15:31:12	11.81	48.03	31.22	8.69	7.98	7.7	3.067	97.7	2.4	0.6
492	4/7/2015 15:46:12	11.96	47.81	31.07	8.81	7.98	5.9	2.978	99.2	2.8	0.7
493	4/7/2015 16:01:11	12.01	48.11	31.28	8.93	7.99	5.9	2.902	100.9	2.4	0.6
494	4/7/2015 16:16:11	12.11	47.85	31.10	8.90	7.99	6.5	2.826	100.6	4.0	0.9
495	4/7/2015 16:31:12	12.25	47.57	30.90	8.96	8.00	6.9	2.750	101.5	2.4	0.6
496	4/7/2015 16:46:12	12.42	47.35	30.75	8.97	8.01	7.6	2.672	101.9	2.5	0.6
497	4/7/2015 17:01:12	12.52	47.25	30.69	9.02	8.01	6.8	2.600	102.6	2.3	0.5
498	4/7/2015 17:16:11	12.63	46.59	30.22	9.05	8.02	7.4	2.522	102.9	2.8	0.6
499	4/7/2015 17:31:11	12.65	46.30	30.01	9.10	8.02	8.2	2.464	103.4	2.7	0.6
500	4/7/2015 17:46:11	12.62	46.04	29.82	9.11	8.02	8.1	2.401	103.3	2.4	0.6
501	4/7/2015 18:01:12	12.60	46.10	29.86	9.11	8.02	7.6	2.321	103.3	2.9	0.7
502	4/7/2015 18:16:12	12.67	45.80	29.65	9.10	8.03	6.7	2.273	103.2	3.1	0.7
503	4/7/2015 18:31:12	12.70	45.60	29.51	9.05	8.02	6.1	2.230	102.6	3.4	0.8
504	4/7/2015 18:46:11	12.70	45.66	29.55	9.03	8.02	5.6	2.171	102.4	2.7	0.6
505	4/7/2015 19:01:11	12.69	45.44	29.39	9.07	8.02	6.2	2.146	102.7	2.7	0.6
506	4/7/2015 19:16:11	12.72	45.70	29.58	9.09	8.03	5.7	2.122	103.1	2.9	0.7
507	4/7/2015 19:31:11	12.70	45.69	29.57	8.97	8.02	4.8	2.116	101.8	2.5	0.6
508	4/7/2015 19:46:12	12.65	45.86	29.69	9.00	8.02	5.3	2.125	102.0	2.6	0.6
509	4/7/2015 20:01:11	12.64	45.82	29.66	9.01	8.01	6.3	2.148	102.1	3.2	0.7
510	4/7/2015 20:16:12	12.65	45.82	29.67	9.06	8.02	6.4	2.190	102.7	3.0	0.7
511	4/7/2015 20:31:11	12.66	45.69	29.57	9.08	8.02	6.8	2.238	102.8	3.3	0.8
512	4/7/2015 20:46:11	12.62	45.55	29.47	9.05	8.01	8.7	2.302	102.4	3.0	0.7
513	4/7/2015 21:01:11	12.61	45.63	29.52	9.01	8.01	8.4	2.367	102.0	3.0	0.7
514	4/7/2015 21:16:11	12.58	45.90	29.72	8.98	8.00	8.6	2.442	101.7	2.9	0.7
515	4/7/2015 21:31:11	12.50	45.94	29.75	8.93	8.00	8.3	2.518	101.0	3.2	0.7
516	4/7/2015 21:46:11	12.36	46.50	30.14	8.85	7.99	9.2	2.590	100.0	3.0	0.7
517	4/7/2015 22:01:11	12.20	46.97	30.47	8.76	7.98	10.0	2.675	98.9	2.8	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
518	4/7/2015 22:16:12	12.10	47.15	30.60	8.69	7.98	9.4	2.744	98.0	3.2	0.8
519	4/7/2015 22:31:11	12.07	46.94	30.45	8.70	7.97	8.0	2.829	97.8	2.7	0.6
520	4/7/2015 22:46:11	12.01	47.19	30.62	8.69	7.97	9.8	2.905	97.7	2.9	0.7
521	4/7/2015 23:01:11	11.82	47.37	30.74	8.67	7.97	11.3	2.990	97.2	3.0	0.7
522	4/7/2015 23:16:11	11.65	47.75	31.01	8.67	7.97	14.5	3.075	97.1	3.2	0.8
523	4/7/2015 23:31:11	11.51	47.89	31.10	8.67	7.97	14.6	3.155	96.8	2.9	0.7
524	4/7/2015 23:46:11	11.38	48.10	31.25	8.70	7.97	13.1	3.234	97.0	3.1	0.7
525	4/8/2015 00:01:12	11.22	48.34	31.42	8.76	7.98	12.8	3.314	97.5	3.1	0.7
526	4/8/2015 00:16:11	11.15	48.28	31.37	8.77	7.99	9.4	3.386	97.4	3.2	0.7
527	4/8/2015 00:31:11	11.07	48.49	31.52	8.81	7.99	7.5	3.461	97.7	3.0	0.7
528	4/8/2015 00:46:11	11.01	48.47	31.50	8.85	8.00	6.2	3.509	98.0	3.1	0.7
529	4/8/2015 01:01:11	10.96	48.55	31.55	8.88	8.01	5.2	3.553	98.3	3.6	0.8
530	4/8/2015 01:16:11	10.92	48.72	31.67	8.93	8.01	4.4	3.597	98.8	3.1	0.7
531	4/8/2015 01:31:11	10.91	48.74	31.68	8.84	8.02	2.9	3.616	97.9	3.1	0.7
532	4/8/2015 01:46:11	10.95	48.59	31.58	8.85	8.01	4.8	3.621	97.9	2.7	0.6
533	4/8/2015 02:01:12	10.91	48.81	31.74	8.89	8.02	4.8	3.605	98.4	2.7	0.6
534	4/8/2015 02:16:11	10.95	48.78	31.72	8.84	8.01	4.2	3.572	97.9	2.9	0.7
535	4/8/2015 02:31:11	11.10	48.31	31.39	8.78	7.99	6.7	3.520	97.3	2.5	0.6
536	4/8/2015 02:46:11	11.21	46.62	30.17	8.74	7.97	7.9	3.445	96.4	2.9	0.7
537	4/8/2015 03:01:11	11.26	45.87	29.64	8.76	7.97	7.5	3.372	96.4	3.3	0.8
538	4/8/2015 03:16:11	11.33	46.09	29.80	8.74	7.97	7.2	3.277	96.4	2.9	0.7
539	4/8/2015 03:31:12	11.39	46.64	30.20	8.68	7.97	8.4	3.177	96.1	3.0	0.7
540	4/8/2015 03:46:11	11.56	46.50	30.11	8.63	7.96	10.4	3.076	95.9	3.1	0.7
541	4/8/2015 04:01:11	11.69	46.03	29.77	8.68	7.97	10.6	2.977	96.4	2.7	0.6
542	4/8/2015 04:16:11	11.75	45.62	29.48	8.65	7.96	9.0	2.873	96.1	2.3	0.5
543	4/8/2015 04:31:12	11.75	45.80	29.61	8.63	7.96	8.1	2.765	96.0	3.1	0.7
544	4/8/2015 04:46:11	11.82	45.18	29.18	8.64	7.96	7.6	2.660	96.0	2.9	0.7
545	4/8/2015 05:01:11	11.75	45.35	29.29	8.57	7.95	7.6	2.554	95.0	3.0	0.7
546	4/8/2015 05:16:12	11.76	45.71	29.55	8.59	7.96	7.0	2.441	95.5	3.0	0.7
547	4/8/2015 05:31:11	11.80	45.75	29.58	8.65	7.97	7.8	2.323	96.2	3.2	0.8
548	4/8/2015 05:46:12	11.80	45.82	29.63	8.65	7.97	7.3	2.208	96.3	2.9	0.7
549	4/8/2015 06:01:11	11.76	45.71	29.55	8.62	7.97	7.0	2.084	95.8	2.5	0.6
550	4/8/2015 06:16:12	11.99	45.45	29.37	8.62	7.98	7.9	1.983	96.2	2.5	0.6
551	4/8/2015 06:31:12	11.98	45.34	29.29	8.56	7.97	8.0	1.863	95.4	3.2	0.8
552	4/8/2015 06:46:12	11.99	45.15	29.16	8.58	7.97	8.6	1.746	95.6	2.9	0.7
553	4/8/2015 07:01:11	12.04	45.04	29.08	8.58	7.98	7.6	1.654	95.7	3.6	0.8
554	4/8/2015 07:16:12	12.19	45.03	29.08	8.58	7.98	7.2	1.568	96.0	3.3	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
555	4/8/2015 07:31:11	12.30	45.00	29.06	8.58	7.99	6.7	1.485	96.1	3.5	0.8
556	4/8/2015 07:46:11	12.41	44.86	28.97	8.54	7.99	6.5	1.439	95.9	3.0	0.7
557	4/8/2015 08:01:11	12.44	44.88	28.98	8.53	7.99	6.6	1.417	95.8	2.9	0.7
558	4/8/2015 08:16:11	12.41	44.91	29.00	8.54	7.99	6.8	1.417	95.9	3.2	0.8
559	4/8/2015 08:31:11	12.41	45.00	29.07	8.55	7.99	5.7	1.435	96.1	3.0	0.7
560	4/8/2015 08:46:12	12.45	44.98	29.05	8.56	7.99	5.6	1.482	96.2	2.4	0.6
561	4/8/2015 09:01:11	12.50	44.64	28.81	8.60	7.99	5.6	1.548	96.6	3.5	0.8
562	4/8/2015 09:16:12	12.50	44.45	28.67	8.58	7.98	6.1	1.612	96.3	2.6	0.6
563	4/8/2015 09:31:11	12.37	44.12	28.43	8.59	7.98	7.3	1.702	96.1	3.2	0.7
564	4/8/2015 09:46:11	12.28	43.73	28.15	8.61	7.97	7.8	1.773	96.0	3.0	0.7
565	4/8/2015 10:01:11	12.22	43.78	28.19	8.61	7.97	7.5	1.853	95.9	2.9	0.7
566	4/8/2015 10:16:11	12.21	44.28	28.54	8.59	7.97	7.5	1.934	95.8	2.8	0.7
567	4/8/2015 10:31:11	12.18	44.01	28.35	8.61	7.97	6.8	2.013	95.8	2.8	0.7
568	4/8/2015 10:46:11	12.09	44.51	28.71	8.60	7.96	6.8	2.100	95.8	2.9	0.7
569	4/8/2015 11:01:12	12.07	44.79	28.91	8.58	7.96	6.8	2.181	95.6	2.9	0.7
570	4/8/2015 11:16:12	12.09	45.18	29.18	8.57	7.96	6.3	2.258	95.8	3.0	0.7
571	4/8/2015 11:31:12	12.15	45.06	29.10	8.61	7.96	6.2	2.337	96.2	2.9	0.7
572	4/8/2015 11:46:11	12.29	45.43	29.37	8.62	7.97	6.2	2.424	96.8	2.6	0.6
573	4/8/2015 12:01:11	12.51	44.76	28.89	8.67	7.96	7.8	2.498	97.6	2.5	0.6
574	4/8/2015 12:16:12	12.50	44.96	29.04	8.67	7.95	7.7	2.577	97.6	2.9	0.7
575	4/8/2015 12:31:11	12.35	45.76	29.61	8.63	7.96	6.1	2.656	97.2	2.9	0.7
576	4/8/2015 12:46:12	12.02	46.38	30.04	8.56	7.96	6.9	2.727	96.0	2.9	0.7
577	4/8/2015 13:01:11	11.94	46.20	29.91	8.55	7.96	7.5	2.794	95.6	2.9	0.7
578	4/8/2015 13:16:11	11.93	46.16	29.88	8.58	7.96	8.1	2.867	95.9	2.7	0.6
579	4/8/2015 13:31:11	11.91	46.13	29.85	8.61	7.96	8.5	2.933	96.2	2.7	0.6
580	4/8/2015 13:46:11	11.83	46.18	29.89	8.64	7.96	9.7	2.995	96.4	2.5	0.6
581	4/8/2015 14:01:12	11.86	46.54	30.15	8.61	7.96	9.1	3.049	96.3	2.3	0.5
582	4/8/2015 14:16:11	11.79	46.61	30.19	8.67	7.97	7.1	3.098	96.8	2.4	0.6
583	4/8/2015 14:31:11	11.75	47.01	30.48	8.79	7.99	6.2	3.144	98.3	2.6	0.6
584	4/8/2015 14:46:11	11.75	47.14	30.57	8.73	7.99	3.6	3.162	97.6	2.8	0.7
585	4/8/2015 15:01:12	11.80	47.15	30.58	8.74	7.99	5.3	3.169	97.8	2.9	0.7
586	4/8/2015 15:16:12	11.73	47.09	30.54	8.70	7.99	5.3	3.172	97.2	2.2	0.5
587	4/8/2015 15:31:11	11.70	47.11	30.55	8.73	7.99	6.3	3.148	97.6	2.0	0.5
588	4/8/2015 15:46:12	11.79	47.01	30.48	8.72	7.98	6.6	3.094	97.5	2.4	0.6
589	4/8/2015 16:01:12	11.96	46.60	30.20	8.65	7.97	6.6	3.037	97.0	2.6	0.6
590	4/8/2015 16:16:11	12.48	46.20	29.93	8.78	7.98	8.4	2.979	99.4	2.7	0.6
591	4/8/2015 16:31:11	12.70	46.27	29.99	8.79	7.98	5.6	2.906	100.0	2.2	0.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
592	4/8/2015 16:46:11	12.96	45.91	29.74	8.93	7.99	6.2	2.833	101.9	2.4	0.6
593	4/8/2015 17:01:12	13.31	45.74	29.63	9.10	8.01	5.4	2.762	104.5	2.8	0.7
594	4/8/2015 17:16:12	13.56	45.60	29.54	9.17	8.02	4.9	2.694	105.9	3.0	0.7
595	4/8/2015 17:31:11	13.55	45.48	29.45	9.27	8.03	4.8	2.626	106.9	2.9	0.7
596	4/8/2015 17:46:11	13.51	45.42	29.40	9.28	8.03	4.6	2.571	106.9	2.5	0.6
597	4/8/2015 18:01:12	13.50	45.16	29.21	9.32	8.03	4.8	2.496	107.3	3.1	0.7
598	4/8/2015 18:16:12	13.50	44.86	29.00	9.34	8.04	8.3	2.435	107.3	3.2	0.8
599	4/8/2015 18:31:12	13.50	44.86	29.00	9.30	8.03	4.7	2.392	106.9	3.5	0.8
600	4/8/2015 18:46:12	13.53	44.76	28.93	9.33	8.04	4.7	2.327	107.2	3.2	0.8
601	4/8/2015 19:01:12	13.53	44.46	28.72	9.33	8.04	4.6	2.287	107.1	3.8	0.9
602	4/8/2015 19:16:11	13.55	44.54	28.77	9.32	8.04	4.4	2.246	107.0	3.7	0.9
603	4/8/2015 19:31:11	13.61	44.35	28.64	9.36	8.04	4.8	2.219	107.6	3.5	0.8
604	4/8/2015 19:46:11	13.61	44.23	28.55	9.33	8.04	4.4	2.204	107.2	3.4	0.8
605	4/8/2015 20:01:12	13.53	44.43	28.69	9.08	8.02	3.8	2.198	104.1	3.5	0.8
606	4/8/2015 20:16:11	13.55	44.30	28.60	9.28	8.03	4.5	2.210	106.4	3.2	0.7
607	4/8/2015 20:31:12	13.50	44.37	28.65	9.23	8.03	4.5	2.224	105.8	3.8	0.9
608	4/8/2015 20:46:12	13.27	44.71	28.89	9.10	8.01	4.5	2.257	104.0	3.1	0.7
609	4/8/2015 21:01:11	13.31	44.81	28.96	9.12	8.01	5.3	2.305	104.3	3.4	0.8
610	4/8/2015 21:16:11	13.40	44.33	28.62	9.18	8.01	5.0	2.357	105.0	3.1	0.7
611	4/8/2015 21:31:11	13.28	44.78	28.94	9.06	8.00	5.2	2.408	103.6	2.9	0.7
612	4/8/2015 21:46:12	13.16	45.12	29.18	9.02	8.00	5.6	2.481	103.0	3.2	0.8
613	4/8/2015 22:01:11	13.04	45.35	29.34	8.92	7.99	5.8	2.548	101.7	3.0	0.7
614	4/8/2015 22:16:12	13.05	45.37	29.35	8.91	7.99	4.7	2.609	101.6	3.2	0.7
615	4/8/2015 22:31:11	12.91	45.55	29.47	8.89	7.98	5.1	2.681	101.1	3.3	0.8
616	4/8/2015 22:46:11	12.62	46.07	29.84	8.82	7.98	5.9	2.755	100.0	3.5	0.8
617	4/8/2015 23:01:12	12.43	46.41	30.08	8.79	7.98	6.5	2.825	99.4	2.9	0.7
618	4/8/2015 23:16:11	12.34	46.53	30.16	8.79	7.98	6.2	2.892	99.3	2.9	0.7
619	4/8/2015 23:31:11	12.27	46.67	30.26	8.83	7.99	5.8	2.973	99.6	3.1	0.7
620	4/8/2015 23:46:11	12.17	46.76	30.32	8.83	7.99	6.7	3.048	99.5	3.5	0.8
621	4/9/2015 00:01:12	12.04	47.24	30.66	8.84	8.00	7.1	3.123	99.5	3.8	0.9
622	4/9/2015 00:16:11	11.98	47.11	30.56	8.87	8.01	7.2	3.199	99.7	3.4	0.8
623	4/9/2015 00:31:11	11.93	47.34	30.72	8.90	8.01	6.2	3.269	100.0	3.4	0.8
624	4/9/2015 00:46:12	11.89	47.35	30.73	8.92	8.02	7.0	3.344	100.2	3.5	0.8
625	4/9/2015 01:01:12	11.82	47.50	30.84	8.96	8.03	5.8	3.399	100.5	3.2	0.8
626	4/9/2015 01:16:12	11.73	47.77	31.03	9.00	8.04	5.2	3.452	100.9	3.3	0.8
627	4/9/2015 01:31:12	11.72	47.83	31.07	9.00	8.04	4.8	3.504	100.9	3.4	0.8
628	4/9/2015 01:46:12	11.68	47.81	31.05	9.02	8.05	4.3	3.530	101.0	3.6	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
629	4/9/2015 02:01:11	11.66	47.95	31.16	9.02	8.05	3.4	3.561	101.0	3.4	0.8
630	4/9/2015 02:16:11	11.67	48.00	31.19	8.85	8.04	2.5	3.571	99.2	3.0	0.7
631	4/9/2015 02:31:12	11.68	48.00	31.19	8.98	8.04	3.9	3.556	100.7	2.6	0.6
632	4/9/2015 02:46:12	11.67	48.07	31.24	9.00	8.05	4.1	3.537	101.0	3.0	0.7
633	4/9/2015 03:01:12	11.68	47.96	31.16	9.02	8.05	4.8	3.497	101.1	3.3	0.8
634	4/9/2015 03:16:11	11.82	47.00	30.47	8.78	8.00	5.4	3.433	98.3	3.0	0.7
635	4/9/2015 03:31:11	11.92	46.51	30.13	8.72	7.99	4.9	3.373	97.6	3.2	0.8
636	4/9/2015 03:46:11	11.97	45.97	29.74	8.77	7.99	4.8	3.286	98.0	2.7	0.6
637	4/9/2015 04:01:12	12.03	46.35	30.02	8.72	7.99	5.7	3.202	97.8	3.1	0.7
638	4/9/2015 04:16:12	12.12	46.01	29.78	8.74	7.98	7.2	3.106	98.0	3.2	0.8
639	4/9/2015 04:31:11	12.23	45.43	29.37	8.70	7.97	5.6	3.006	97.6	6.7	1.6
640	4/9/2015 04:46:11	12.25	45.33	29.30	8.72	7.97	5.5	2.912	97.8	3.6	0.8
641	4/9/2015 05:01:11	12.20	45.68	29.55	8.65	7.97	6.1	2.810	97.0	3.5	0.8
642	4/9/2015 05:16:11	12.22	45.53	29.44	8.64	7.97	5.1	2.709	96.9	3.0	0.7
643	4/9/2015 05:31:11	12.24	45.64	29.52	8.62	7.97	5.3	2.601	96.7	3.0	0.7
644	4/9/2015 05:46:11	12.37	45.29	29.27	8.61	7.97	5.0	2.503	96.8	3.0	0.7
645	4/9/2015 06:01:11	12.63	44.78	28.92	8.76	7.99	6.1	2.386	98.8	3.1	0.7
646	4/9/2015 06:16:12	12.56	44.90	29.00	8.79	7.99	5.7	2.279	99.1	2.9	0.7
647	4/9/2015 06:31:13	12.52	44.96	29.04	8.70	7.99	5.7	2.167	98.0	3.0	0.7
648	4/9/2015 06:46:12	12.77	44.51	28.73	8.82	8.00	5.9	2.069	99.6	5.8	1.4
649	4/9/2015 07:01:12	12.66	44.80	28.93	8.75	8.00	5.7	1.949	98.7	4.6	1.1
650	4/9/2015 07:16:11	12.89	44.51	28.73	8.79	8.00	6.1	1.840	99.6	5.0	1.2
651	4/9/2015 07:31:11	13.01	44.30	28.59	8.77	8.00	5.7	1.738	99.5	5.1	1.2
652	4/9/2015 07:46:11	13.11	44.17	28.49	8.80	8.01	6.2	1.647	99.9	6.0	1.4
653	4/9/2015 08:01:11	13.22	44.09	28.44	8.80	8.01	5.4	1.574	100.2	6.1	1.4
654	4/9/2015 08:16:11	13.26	44.02	28.40	8.80	8.01	5.4	1.511	100.3	6.3	1.5
655	4/9/2015 08:31:11	13.30	44.10	28.45	8.81	8.01	5.2	1.466	100.4	4.4	1.0
656	4/9/2015 08:46:11	13.38	44.04	28.41	8.76	8.01	4.7	1.446	100.0	3.4	0.8
657	4/9/2015 09:01:11	13.18	44.24	28.55	8.75	8.00	5.0	1.466	99.6	3.6	0.8
658	4/9/2015 09:16:11	13.16	44.19	28.51	8.74	8.00	5.2	1.476	99.4	3.6	0.8
659	4/9/2015 09:31:11	13.17	44.12	28.46	8.77	8.00	5.4	1.510	99.7	11.5	2.7
660	4/9/2015 09:46:11	13.20	44.22	28.53	8.75	8.00	5.3	1.564	99.6	4.1	1.0
661	4/9/2015 10:01:11	13.37	43.97	28.36	8.79	8.00	5.1	1.633	100.4	5.2	1.2
662	4/9/2015 10:16:11	13.28	43.63	28.12	8.78	7.99	5.6	1.693	99.8	4.3	1.0
663	4/9/2015 10:31:11	13.16	43.30	27.88	8.78	7.99	6.2	1.752	99.5	5.2	1.2
664	4/9/2015 10:46:11	13.12	43.42	27.96	8.76	7.99	6.1	1.835	99.2	3.9	0.9
665	4/9/2015 11:01:11	13.09	43.61	28.09	8.78	7.99	5.7	1.905	99.4	6.5	1.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
666	4/9/2015 11:16:11	13.06	43.95	28.34	8.73	7.99	5.1	1.984	99.0	4.2	1.0
667	4/9/2015 11:31:12	12.95	43.83	28.25	8.72	7.98	5.6	2.051	98.6	4.4	1.0
668	4/9/2015 11:46:11	12.88	44.26	28.55	8.72	7.98	5.1	2.124	98.6	3.8	0.9
669	4/9/2015 12:01:11	12.86	44.53	28.74	8.72	7.98	5.0	2.211	98.7	4.6	1.1
670	4/9/2015 12:16:11	12.83	44.82	28.95	8.70	7.97	4.7	2.279	98.5	2.4	0.6
671	4/9/2015 12:31:11	12.97	44.81	28.95	8.69	7.97	4.8	2.358	98.7	5.8	1.4
672	4/9/2015 12:46:11	12.67	45.49	29.43	8.69	7.97	5.0	2.435	98.4	2.9	0.7
673	4/9/2015 13:01:12	12.65	45.69	29.57	8.70	7.97	5.4	2.512	98.6	3.4	0.8
674	4/9/2015 13:16:11	12.65	45.71	29.58	8.68	7.97	5.4	2.586	98.4	3.9	0.9
675	4/9/2015 13:31:11	12.60	45.73	29.60	8.69	7.97	5.1	2.652	98.4	3.1	0.7
676	4/9/2015 13:46:11	12.57	45.72	29.59	8.69	7.97	5.5	2.720	98.3	3.4	0.8
677	4/9/2015 14:01:12	12.48	45.81	29.65	8.68	7.97	5.6	2.783	98.0	2.9	0.7
678	4/9/2015 14:16:11	12.46	45.91	29.72	8.70	7.98	5.7	2.842	98.3	3.0	0.7
679	4/9/2015 14:31:11	12.53	45.98	29.77	8.77	7.99	5.7	2.895	99.2	3.3	0.8
680	4/9/2015 14:46:11	12.46	46.10	29.85	8.80	7.99	6.1	2.951	99.5	2.5	0.6
681	4/9/2015 15:01:11	12.36	46.27	29.98	8.77	7.99	5.1	2.994	98.9	2.9	0.7
682	4/9/2015 15:16:11	12.26	46.29	29.99	8.79	8.00	4.8	3.030	99.1	3.4	0.8
683	4/9/2015 15:31:11	12.15	46.62	30.22	8.84	8.01	3.4	3.062	99.5	3.0	0.7
684	4/9/2015 15:46:11	12.37	46.63	30.23	8.76	8.00	3.4	3.076	99.0	2.8	0.7
685	4/9/2015 16:01:11	12.26	46.70	30.28	8.77	8.00	3.9	3.075	99.0	2.0	0.5
686	4/9/2015 16:16:12	12.28	46.55	30.18	8.72	8.00	3.4	3.071	98.4	2.7	0.6
687	4/9/2015 16:31:12	12.27	46.60	30.21	8.71	8.00	3.5	3.044	98.2	3.1	0.7
688	4/9/2015 16:46:12	12.55	46.12	29.88	8.78	7.99	4.7	2.999	99.4	3.1	0.7
689	4/9/2015 17:01:11	12.70	45.99	29.79	8.76	7.99	4.7	2.962	99.5	2.8	0.7
690	4/9/2015 17:16:11	13.09	45.87	29.72	8.98	8.01	5.1	2.898	102.8	2.2	0.5
691	4/9/2015 17:31:11	12.93	45.82	29.67	9.02	8.01	5.1	2.835	102.8	3.1	0.7
692	4/9/2015 17:46:11	13.03	45.87	29.71	9.06	8.02	5.0	2.784	103.6	3.9	0.9
693	4/9/2015 18:01:11	13.04	45.72	29.60	9.13	8.02	4.5	2.708	104.4	3.7	0.9
694	4/9/2015 18:16:12	13.10	45.86	29.71	9.18	8.03	4.9	2.642	105.0	3.5	0.8
695	4/9/2015 18:31:12	13.30	45.71	29.61	9.32	8.05	5.0	2.597	107.0	4.0	0.9
696	4/9/2015 18:46:11	13.29	45.69	29.59	9.30	8.05	4.3	2.535	106.8	12.7	3.0
697	4/9/2015 19:01:12	13.52	45.25	29.28	9.34	8.05	4.4	2.476	107.5	4.0	0.9
698	4/9/2015 19:16:11	13.64	45.01	29.11	9.33	8.05	7.3	2.434	107.6	4.7	1.1
699	4/9/2015 19:31:12	13.79	44.68	28.88	9.32	8.05	7.1	2.400	107.6	7.1	1.7
700	4/9/2015 19:46:11	13.84	44.57	28.80	9.29	8.05	7.0	2.356	107.4	12.4	2.9
701	4/9/2015 20:01:11	13.90	44.36	28.65	9.27	8.05	6.5	2.323	107.1	8.8	2.1
702	4/9/2015 20:16:11	13.97	44.32	28.63	9.29	8.05	6.8	2.312	107.5	3.6	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
703	4/9/2015 20:31:11	14.03	44.04	28.43	9.19	8.04	4.0	2.309	106.4	3.5	0.8
704	4/9/2015 20:46:12	13.91	44.31	28.62	9.14	8.04	5.6	2.295	105.7	3.6	0.8
705	4/9/2015 21:01:12	13.87	44.42	28.70	9.14	8.04	5.7	2.306	105.6	3.8	0.9
706	4/9/2015 21:16:11	13.70	44.81	28.97	9.16	8.03	5.6	2.336	105.7	3.3	0.8
707	4/9/2015 21:31:12	13.67	44.84	28.99	9.13	8.03	5.4	2.361	105.3	4.0	0.9
708	4/9/2015 21:46:11	13.78	44.64	28.85	9.20	8.03	5.0	2.394	106.2	3.3	0.8
709	4/9/2015 22:01:11	13.85	44.41	28.69	9.20	8.03	6.4	2.442	106.3	3.6	0.8
710	4/9/2015 22:16:11	13.64	44.73	28.91	9.12	8.02	4.5	2.487	105.0	3.8	0.9
711	4/9/2015 22:31:11	13.51	45.12	29.19	9.05	8.01	5.0	2.548	104.1	4.7	1.1
712	4/9/2015 22:46:11	13.45	45.21	29.25	8.99	8.01	5.4	2.600	103.4	4.6	1.1
713	4/9/2015 23:01:11	13.40	45.27	29.30	9.01	8.01	4.6	2.653	103.5	4.4	1.0
714	4/9/2015 23:16:11	13.32	45.47	29.43	8.99	8.01	4.8	2.726	103.1	4.0	0.9
715	4/9/2015 23:31:11	13.17	45.49	29.44	8.97	8.01	4.3	2.783	102.6	3.8	0.9
716	4/9/2015 23:46:11	12.96	45.95	29.77	8.96	8.01	4.5	2.848	102.2	4.4	1.0
717	4/10/2015 00:01:12	12.85	46.10	29.87	8.94	8.01	4.4	2.916	101.9	4.9	1.1
718	4/10/2015 00:16:12	12.78	46.29	30.01	8.96	8.02	4.6	2.988	102.1	4.1	1.0
719	4/10/2015 00:31:12	12.64	46.08	29.85	9.01	8.02	4.3	3.049	102.2	5.8	1.4
720	4/10/2015 00:46:12	12.51	46.27	29.98	8.99	8.03	3.9	3.110	101.8	5.0	1.2
721	4/10/2015 01:01:11	12.39	46.97	30.48	9.04	8.04	4.2	3.183	102.4	3.8	0.9
722	4/10/2015 01:16:11	12.31	47.35	30.75	9.08	8.05	3.6	3.246	102.9	4.0	0.9
723	4/10/2015 01:31:11	12.26	47.64	30.96	9.12	8.06	4.0	3.295	103.3	3.7	0.9
724	4/10/2015 01:46:11	12.22	47.85	31.10	9.20	8.07	4.2	3.352	104.3	3.8	0.9
725	4/10/2015 02:01:11	12.20	47.95	31.18	9.24	8.08	3.9	3.396	104.8	5.5	1.3
726	4/10/2015 02:16:11	12.19	47.88	31.13	9.27	8.08	3.1	3.436	105.0	4.5	1.1
727	4/10/2015 02:31:12	12.17	48.04	31.24	9.21	8.08	3.9	3.463	104.4	5.1	1.2
728	4/10/2015 02:46:12	12.16	47.96	31.19	9.11	8.08	2.2	3.490	103.2	3.9	0.9
729	4/10/2015 03:01:11	12.19	47.98	31.20	9.07	8.07	4.1	3.493	102.9	3.4	0.8
730	4/10/2015 03:16:11	12.29	47.64	30.96	9.11	8.06	3.4	3.478	103.3	6.3	1.5
731	4/10/2015 03:31:11	12.23	47.67	30.98	9.11	8.06	3.2	3.458	103.3	3.3	0.8
732	4/10/2015 03:46:11	12.30	47.32	30.73	9.07	8.05	3.3	3.426	102.7	3.2	0.7
733	4/10/2015 04:01:12	12.36	46.85	30.39	8.95	8.04	4.0	3.363	101.3	3.2	0.8
734	4/10/2015 04:16:12	12.51	46.54	30.18	8.79	8.02	4.1	3.298	99.6	2.7	0.6
735	4/10/2015 04:31:12	12.48	46.68	30.28	8.78	8.02	4.1	3.218	99.6	3.0	0.7
736	4/10/2015 04:46:12	12.60	46.43	30.10	8.84	8.02	5.1	3.144	100.3	2.9	0.7
737	4/10/2015 05:01:12	12.74	45.93	29.74	8.76	8.00	5.9	3.047	99.5	3.0	0.7
738	4/10/2015 05:16:12	12.63	45.91	29.73	8.79	8.00	5.8	2.956	99.7	3.8	0.9
739	4/10/2015 05:31:12	12.75	45.82	29.66	8.70	8.00	4.8	2.883	98.8	2.5	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
740	4/10/2015 05:46:12	12.86	45.67	29.56	8.73	8.00	6.1	2.779	99.3	2.8	0.7
741	4/10/2015 06:01:12	12.83	45.65	29.55	8.70	8.00	5.0	2.683	98.9	3.3	0.8
742	4/10/2015 06:16:11	12.99	45.24	29.26	8.67	8.00	4.3	2.579	98.7	3.1	0.7
743	4/10/2015 06:31:12	13.08	45.24	29.26	8.63	8.00	5.0	2.486	98.4	3.6	0.9
744	4/10/2015 06:46:12	13.35	44.70	28.88	8.76	8.02	5.3	2.384	100.2	3.1	0.7
745	4/10/2015 07:01:11	13.55	44.41	28.68	8.81	8.04	6.0	2.295	101.1	3.4	0.8
746	4/10/2015 07:16:12	13.30	44.92	29.04	8.81	8.03	5.1	2.169	100.8	3.3	0.8
747	4/10/2015 07:31:11	13.38	44.85	28.99	8.91	8.03	5.2	2.088	102.1	3.4	0.8
748	4/10/2015 07:46:11	13.48	44.74	28.91	8.94	8.04	5.2	1.991	102.6	3.4	0.8
749	4/10/2015 08:01:11	13.82	44.48	28.74	8.96	8.05	6.3	1.881	103.4	3.1	0.7
750	4/10/2015 08:16:11	13.78	44.72	28.91	8.99	8.05	9.5	1.775	103.9	3.8	0.9
751	4/10/2015 08:31:11	14.07	44.44	28.72	8.91	8.06	7.1	1.703	103.3	3.7	0.9
752	4/10/2015 08:46:11	14.19	44.22	28.56	8.88	8.06	5.3	1.630	103.3	9.2	2.2
753	4/10/2015 09:01:12	14.23	44.23	28.57	8.85	8.06	5.7	1.558	102.9	3.3	0.8
754	4/10/2015 09:16:11	14.16	44.30	28.61	8.81	8.05	6.0	1.506	102.4	3.6	0.9
755	4/10/2015 09:31:11	14.30	44.14	28.51	8.82	8.06	5.2	1.492	102.7	3.7	0.9
756	4/10/2015 09:46:12	13.95	44.33	28.64	8.65	8.03	5.3	1.489	100.1	2.8	0.6
757	4/10/2015 10:01:11	13.98	44.41	28.69	8.68	8.03	5.7	1.477	100.6	2.8	0.7
758	4/10/2015 10:16:11	14.01	44.25	28.58	8.83	8.04	5.1	1.521	102.2	3.6	0.8
759	4/10/2015 10:31:11	14.15	44.25	28.58	8.88	8.05	5.3	1.561	103.1	3.8	0.9
760	4/10/2015 10:46:11	14.19	44.30	28.62	8.85	8.04	5.5	1.618	102.9	3.6	0.8
761	4/10/2015 11:01:11	14.43	43.68	28.18	8.84	8.04	5.7	1.661	103.1	3.4	0.8
762	4/10/2015 11:16:11	14.26	43.79	28.25	8.80	8.03	5.2	1.729	102.2	3.6	0.8
763	4/10/2015 11:31:11	14.10	43.66	28.15	8.82	8.03	6.1	1.804	102.0	3.6	0.8
764	4/10/2015 11:46:11	14.04	43.74	28.21	8.82	8.02	6.1	1.864	102.0	3.6	0.9
765	4/10/2015 12:01:12	13.96	43.97	28.38	8.76	8.02	5.5	1.935	101.2	4.5	1.1
766	4/10/2015 12:16:12	13.91	44.04	28.42	8.74	8.02	5.9	2.011	100.9	3.6	0.8
767	4/10/2015 12:31:12	13.73	44.30	28.60	8.74	8.01	6.6	2.077	100.6	2.8	0.7
768	4/10/2015 12:46:11	13.61	44.42	28.69	8.72	8.01	4.4	2.153	100.2	3.1	0.7
769	4/10/2015 13:01:11	13.61	44.68	28.88	8.78	8.01	6.2	2.225	101.0	4.3	1.0
770	4/10/2015 13:16:12	13.52	45.00	29.10	8.72	8.00	5.2	2.293	100.3	2.6	0.6
771	4/10/2015 13:31:11	13.99	44.75	28.94	8.79	8.01	4.9	2.373	102.0	4.8	1.1
772	4/10/2015 13:46:12	13.70	45.17	29.23	8.84	8.01	4.7	2.443	102.1	3.6	0.8
773	4/10/2015 14:01:11	13.21	45.63	29.54	8.72	8.00	11.4	2.506	99.9	10.0	2.4
774	4/10/2015 14:16:12	13.22	45.68	29.58	8.73	8.00	5.0	2.580	100.1	3.1	0.7
775	4/10/2015 14:31:11	13.22	45.69	29.59	8.74	8.00	3.6	2.648	100.2	3.3	0.8
776	4/10/2015 14:46:12	13.22	45.77	29.65	8.74	8.00	3.7	2.704	100.3	2.6	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
777	4/10/2015 15:01:12	13.14	45.83	29.68	8.74	8.00	4.0	2.771	100.1	3.2	0.8
778	4/10/2015 15:16:12	13.05	46.02	29.82	8.76	8.01	4.2	2.828	100.2	3.6	0.8
779	4/10/2015 15:31:11	13.06	45.98	29.79	8.85	8.01	3.9	2.876	101.3	3.3	0.8
780	4/10/2015 15:46:11	13.10	46.10	29.88	8.90	8.02	4.5	2.932	102.0	3.1	0.7
781	4/10/2015 16:01:12	13.00	46.24	29.97	8.90	8.02	3.4	2.971	101.9	3.2	0.7
782	4/10/2015 16:16:11	12.84	46.42	30.10	8.87	8.03	5.1	3.004	101.2	3.0	0.7
783	4/10/2015 16:31:12	12.76	46.55	30.20	8.85	8.03	3.9	3.039	100.9	3.1	0.7
784	4/10/2015 16:46:12	13.16	46.21	29.96	8.88	8.02	4.3	3.050	102.0	2.4	0.6
785	4/10/2015 17:01:12	12.85	46.48	30.14	8.76	8.02	2.9	3.057	100.1	3.0	0.7
786	4/10/2015 17:16:12	12.83	46.63	30.25	8.76	8.02	10.0	3.040	100.1	2.4	0.6
787	4/10/2015 17:31:11	12.89	46.34	30.04	8.86	8.02	6.7	3.022	101.2	2.4	0.6
788	4/10/2015 17:46:11	13.03	46.29	30.02	8.82	8.02	8.9	2.987	101.0	3.0	0.7
789	4/10/2015 18:01:11	13.51	45.89	29.74	8.84	8.02	4.0	2.936	102.1	2.8	0.7
790	4/10/2015 18:16:12	13.69	45.83	29.70	9.15	8.04	4.6	2.875	106.1	3.1	0.7
791	4/10/2015 18:31:12	13.47	45.86	29.72	9.10	8.04	3.7	2.832	105.0	3.2	0.7
792	4/10/2015 18:46:12	13.59	45.75	29.64	9.12	8.05	3.6	2.778	105.4	3.4	0.8
793	4/10/2015 19:01:11	13.75	45.64	29.57	9.24	8.06	3.7	2.709	107.1	3.4	0.8
794	4/10/2015 19:16:12	13.67	45.74	29.64	9.24	8.06	4.1	2.662	107.0	4.3	1.0
795	4/10/2015 19:31:12	13.83	45.43	29.42	9.21	8.06	4.1	2.621	106.8	4.3	1.0
796	4/10/2015 19:46:11	13.93	44.93	29.06	9.20	8.06	3.7	2.555	106.6	8.5	2.0
797	4/10/2015 20:01:11	13.90	45.18	29.24	9.16	8.06	4.0	2.514	106.3	9.4	2.2
798	4/10/2015 20:16:11	14.00	45.06	29.16	9.13	8.06	4.3	2.487	106.0	15.5	3.6
799	4/10/2015 20:31:12	14.02	44.87	29.02	9.11	8.06	3.4	2.446	105.8	21.6	5.1
800	4/10/2015 20:46:12	14.11	44.75	28.94	9.07	8.05	4.2	2.415	105.5	9.2	2.2
801	4/10/2015 21:01:11	14.16	44.62	28.85	9.07	8.05	4.3	2.382	105.5	4.8	1.1
802	4/10/2015 21:16:12	14.11	44.66	28.88	8.94	8.04	3.2	2.386	104.0	6.8	1.6
803	4/10/2015 21:31:11	14.01	44.82	28.98	8.87	8.03	2.9	2.365	103.0	3.5	0.8
804	4/10/2015 21:46:11	14.18	44.50	28.76	8.98	8.04	3.7	2.363	104.4	3.9	0.9
805	4/10/2015 22:01:11	14.23	44.41	28.70	8.96	8.04	3.7	2.376	104.3	3.4	0.8
806	4/10/2015 22:16:12	14.07	44.67	28.88	8.95	8.04	3.4	2.389	104.0	3.2	0.8
807	4/10/2015 22:31:11	13.85	45.17	29.24	8.92	8.03	3.9	2.406	103.4	4.3	1.0
808	4/10/2015 22:46:11	14.00	44.84	29.00	9.03	8.04	3.4	2.438	104.8	4.8	1.1
809	4/10/2015 23:01:11	13.95	44.99	29.11	9.00	8.03	3.6	2.484	104.4	3.4	0.8
810	4/10/2015 23:16:11	13.92	44.92	29.05	9.00	8.03	4.0	2.519	104.3	3.5	0.8
811	4/10/2015 23:31:11	13.75	45.18	29.24	8.95	8.03	3.1	2.570	103.5	4.2	1.0
812	4/10/2015 23:46:12	13.72	45.43	29.42	8.90	8.02	3.7	2.624	103.0	3.5	0.8
813	4/11/2015 00:01:12	13.64	45.64	29.56	8.92	8.03	3.6	2.666	103.2	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	Fluorescence %FS
814	4/11/2015 00:16:11	13.67	45.56	29.51	8.98	8.03	3.2	2.725	103.8	4.4	1.0
815	4/11/2015 00:31:11	13.62	45.62	29.55	8.97	8.03	3.8	2.786	103.7	5.6	1.3
816	4/11/2015 00:46:11	13.46	45.93	29.77	8.98	8.03	3.4	2.829	103.6	3.5	0.8
817	4/11/2015 01:01:11	13.38	45.93	29.77	8.97	8.03	3.6	2.897	103.3	3.8	0.9
818	4/11/2015 01:16:12	13.29	46.15	29.92	8.95	8.03	3.2	2.953	103.0	3.6	0.8
819	4/11/2015 01:31:12	13.27	46.26	30.00	8.93	8.03	4.5	3.016	102.8	3.2	0.8
820	4/11/2015 01:46:11	13.10	46.53	30.19	8.96	8.04	3.1	3.072	102.9	3.1	0.7
821	4/11/2015 02:01:12	12.96	46.87	30.43	8.93	8.04	2.9	3.125	102.3	4.0	0.9
822	4/11/2015 02:16:11	12.59	47.72	31.03	8.93	8.05	3.4	3.190	101.9	4.6	1.1
823	4/11/2015 02:31:12	12.45	47.94	31.18	8.85	8.05	3.0	3.237	100.8	4.7	1.1
824	4/11/2015 02:46:11	12.33	48.04	31.25	8.86	8.05	2.6	3.279	100.7	3.8	0.9
825	4/11/2015 03:01:11	12.28	48.21	31.37	8.79	8.05	2.6	3.327	99.9	4.4	1.0
826	4/11/2015 03:16:11	12.17	48.36	31.47	8.78	8.05	2.3	3.362	99.6	4.1	1.0
827	4/11/2015 03:31:12	12.10	48.62	31.66	8.65	8.05	3.7	3.382	98.1	4.5	1.1
828	4/11/2015 03:46:12	12.15	48.33	31.45	8.69	8.05	2.6	3.405	98.5	5.8	1.4
829	4/11/2015 04:01:12	12.18	48.51	31.58	8.62	8.04	4.3	3.413	97.9	4.5	1.1
830	4/11/2015 04:16:12	12.05	48.70	31.71	8.47	8.04	2.1	3.396	96.1	3.3	0.8
831	4/11/2015 04:31:11	12.28	48.19	31.36	8.70	8.05	2.1	3.373	98.9	3.3	0.8
832	4/11/2015 04:46:11	12.89	46.73	30.32	8.74	8.03	3.4	3.334	100.0	4.5	1.0
833	4/11/2015 05:01:11	12.68	47.23	30.68	8.72	8.03	3.6	3.279	99.5	4.1	1.0
834	4/11/2015 05:16:12	12.98	46.29	30.01	8.71	8.02	3.9	3.224	99.7	3.7	0.9
835	4/11/2015 05:31:12	13.06	46.31	30.03	8.64	8.02	4.7	3.149	99.0	4.8	1.1
836	4/11/2015 05:46:11	13.14	46.13	29.90	8.65	8.01	6.1	3.068	99.2	3.1	0.7
837	4/11/2015 06:01:12	13.08	46.36	30.07	8.62	8.01	4.3	2.990	98.8	2.8	0.7
838	4/11/2015 06:16:12	13.11	46.26	29.99	8.61	8.01	3.8	2.906	98.8	3.5	0.8
839	4/11/2015 06:31:11	13.13	46.13	29.90	8.62	8.01	3.6	2.817	98.9	2.8	0.7
840	4/11/2015 06:46:11	13.25	46.04	29.84	8.59	8.01	4.2	2.728	98.7	3.3	0.8
841	4/11/2015 07:01:11	13.30	45.97	29.79	8.57	8.01	4.4	2.640	98.5	2.9	0.7
842	4/11/2015 07:16:11	13.45	45.54	29.48	8.60	8.02	3.7	2.556	99.0	3.2	0.8
843	4/11/2015 07:31:11	13.54	45.55	29.50	8.62	8.02	4.8	2.459	99.4	3.4	0.8
844	4/11/2015 07:46:11	13.57	45.33	29.34	8.69	8.03	4.3	2.359	100.3	8.8	2.1
845	4/11/2015 08:01:11	13.81	45.09	29.17	8.77	8.05	5.5	2.268	101.6	5.4	1.3
846	4/11/2015 08:16:11	13.73	45.28	29.31	8.82	8.05	5.1	2.162	102.1	4.4	1.0
847	4/11/2015 08:31:11	13.88	45.07	29.17	8.88	8.05	4.5	2.067	102.9	3.9	0.9
848	4/11/2015 08:46:12	13.96	45.17	29.24	8.95	8.06	5.0	1.965	103.9	3.3	0.8
849	4/11/2015 09:01:12	14.21	44.96	29.09	9.05	8.08	5.0	1.869	105.6	3.8	0.9
850	4/11/2015 09:16:11	14.45	44.78	28.97	9.07	8.09	5.0	1.787	106.2	4.1	1.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
851	4/11/2015 09:31:11	14.56	44.71	28.92	9.06	8.10	5.3	1.714	106.4	3.6	0.8
852	4/11/2015 09:46:11	14.59	44.66	28.89	9.02	8.09	5.4	1.634	105.9	3.9	0.9
853	4/11/2015 10:01:11	14.61	44.62	28.86	8.96	8.08	5.1	1.582	105.2	4.0	0.9
854	4/11/2015 10:16:12	14.65	44.66	28.88	8.86	8.08	6.3	1.563	104.1	4.0	0.9
855	4/11/2015 10:31:12	14.70	44.53	28.80	8.89	8.08	4.7	1.511	104.6	3.7	0.9
856	4/11/2015 10:46:11	14.67	44.61	28.85	8.88	8.08	4.4	1.498	104.4	4.1	1.0
857	4/11/2015 11:01:11	14.44	44.71	28.92	8.68	8.05	4.2	1.520	101.6	3.9	0.9
858	4/11/2015 11:16:11	14.49	44.68	28.90	8.83	8.07	4.7	1.550	103.5	3.5	0.8
859	4/11/2015 11:31:11	14.46	44.68	28.90	8.85	8.07	5.0	1.563	103.7	2.9	0.7
860	4/11/2015 11:46:11	14.39	44.67	28.89	8.85	8.06	4.6	1.619	103.5	3.2	0.8
861	4/11/2015 12:01:12	14.47	44.48	28.75	8.89	8.07	5.3	1.671	104.0	3.0	0.7
862	4/11/2015 12:16:11	14.46	44.21	28.56	8.86	8.06	5.0	1.735	103.5	3.9	0.9
863	4/11/2015 12:31:11	14.38	44.23	28.57	8.82	8.05	5.3	1.794	102.9	3.5	0.8
864	4/11/2015 12:46:11	14.36	43.96	28.38	8.83	8.05	5.0	1.850	102.8	3.5	0.8
865	4/11/2015 13:01:12	14.30	44.14	28.51	8.78	8.04	6.1	1.927	102.3	3.4	0.8
866	4/11/2015 13:16:12	14.23	44.30	28.62	8.72	8.04	5.0	1.997	101.5	3.1	0.7
867	4/11/2015 13:31:11	14.12	44.30	28.61	8.71	8.04	5.1	2.064	101.1	3.2	0.8
868	4/11/2015 13:46:11	13.87	44.85	29.01	8.69	8.03	5.0	2.141	100.6	3.4	0.8
869	4/11/2015 14:01:11	13.84	45.00	29.11	8.69	8.03	5.4	2.221	100.7	3.1	0.7
870	4/11/2015 14:16:11	13.71	45.28	29.31	8.71	8.02	6.0	2.278	100.7	2.7	0.6
871	4/11/2015 14:31:11	13.61	45.50	29.46	8.71	8.02	5.2	2.351	100.6	2.8	0.7
872	4/11/2015 14:46:12	13.59	45.60	29.54	8.73	8.02	5.1	2.416	100.8	3.5	0.8
873	4/11/2015 15:01:12	13.51	45.85	29.71	8.66	8.01	4.8	2.478	99.9	2.8	0.7
874	4/11/2015 15:16:11	13.42	45.92	29.76	8.70	8.01	4.5	2.549	100.3	3.1	0.7
875	4/11/2015 15:31:12	13.33	46.04	29.84	8.68	8.02	4.4	2.608	100.0	3.5	0.8
876	4/11/2015 15:46:12	13.27	46.15	29.92	8.68	8.02	4.2	2.670	99.8	3.2	0.7
877	4/11/2015 16:01:12	13.19	46.35	30.06	8.65	8.02	4.7	2.727	99.4	3.2	0.8
878	4/11/2015 16:16:11	13.17	46.34	30.05	8.66	8.02	3.6	2.783	99.5	3.2	0.8
879	4/11/2015 16:31:12	13.18	46.42	30.11	8.68	8.02	4.8	2.843	99.8	2.9	0.7
880	4/11/2015 16:46:11	13.09	46.58	30.22	8.70	8.02	5.2	2.889	99.8	3.1	0.7
881	4/11/2015 17:01:11	13.08	46.49	30.16	8.69	8.02	3.7	2.937	99.7	3.9	0.9
882	4/11/2015 17:16:11	13.06	46.68	30.29	8.68	8.02	6.2	2.977	99.6	3.0	0.7
883	4/11/2015 17:31:12	13.02	46.65	30.27	8.69	8.02	3.7	3.006	99.6	3.3	0.8
884	4/11/2015 17:46:11	13.00	46.71	30.31	8.59	8.02	3.4	3.022	98.4	3.1	0.7
885	4/11/2015 18:01:12	13.12	46.62	30.25	8.65	8.03	4.5	3.029	99.4	2.8	0.7
886	4/11/2015 18:16:11	13.01	46.61	30.24	8.56	8.02	2.6	3.035	98.1	2.7	0.6
887	4/11/2015 18:31:11	13.05	46.74	30.34	8.63	8.02	5.3	3.014	99.1	3.0	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
888	4/11/2015 18:46:11	13.10	46.48	30.15	8.82	8.04	7.6	2.990	101.3	3.8	0.9
889	4/11/2015 19:01:11	12.95	46.29	30.01	8.85	8.04	8.6	2.960	101.2	4.4	1.0
890	4/11/2015 19:16:11	12.90	46.45	30.13	8.84	8.04	9.7	2.909	101.0	4.4	1.0
891	4/11/2015 19:31:11	12.89	46.43	30.11	8.81	8.03	9.4	2.868	100.6	4.7	1.1
892	4/11/2015 19:46:11	12.89	46.42	30.10	8.81	8.03	8.6	2.820	100.6	5.1	1.2
893	4/11/2015 20:01:11	13.04	46.49	30.16	8.76	8.03	12.7	2.764	100.4	4.6	1.1
894	4/11/2015 20:16:11	13.09	45.98	29.79	8.75	8.03	9.9	2.713	100.2	4.9	1.2
895	4/11/2015 20:31:12	13.22	45.96	29.78	8.79	8.03	12.0	2.663	101.0	4.6	1.1
896	4/11/2015 20:46:13	13.33	45.66	29.57	8.85	8.05	12.0	2.603	101.7	4.3	1.0
897	4/11/2015 21:01:11	13.41	45.55	29.49	8.89	8.05	9.8	2.567	102.3	13.0	3.0
898	4/11/2015 21:16:12	13.25	45.59	29.51	8.81	8.04	10.1	2.520	101.0	5.8	1.4
899	4/11/2015 21:31:11	13.16	45.51	29.46	8.75	8.04	9.8	2.470	100.1	4.2	1.0
900	4/11/2015 21:46:12	13.34	45.21	29.25	8.73	8.04	11.7	2.450	100.1	4.4	1.0
901	4/11/2015 22:01:12	13.35	45.15	29.20	8.66	8.04	13.7	2.404	99.3	3.9	0.9
902	4/11/2015 22:16:11	13.31	45.03	29.12	8.66	8.03	9.9	2.377	99.2	4.2	1.0
903	4/11/2015 22:31:11	13.47	45.39	29.38	8.59	8.04	10.8	2.373	98.9	5.1	1.2
904	4/11/2015 22:46:11	13.46	44.91	29.03	8.45	8.02	7.4	2.354	97.1	4.2	1.0
905	4/11/2015 23:01:11	13.51	44.87	29.01	8.52	8.03	8.5	2.342	97.9	4.7	1.1
906	4/11/2015 23:16:12	13.72	44.49	28.74	8.48	8.03	8.3	2.360	97.7	5.1	1.2
907	4/11/2015 23:31:11	13.48	44.80	28.96	8.56	8.03	9.7	2.372	98.3	3.5	0.8
908	4/11/2015 23:46:12	13.44	45.01	29.11	8.64	8.03	8.9	2.388	99.3	3.8	0.9
909	4/12/2015 00:01:11	13.48	45.29	29.31	8.65	8.03	8.0	2.419	99.6	4.2	1.0
910	4/12/2015 00:16:12	13.50	45.04	29.13	8.63	8.03	8.1	2.452	99.3	3.9	0.9
911	4/12/2015 00:31:12	13.55	45.02	29.12	8.70	8.04	8.8	2.499	100.1	3.9	0.9
912	4/12/2015 00:46:12	13.51	45.20	29.25	8.67	8.03	7.6	2.538	99.7	4.4	1.0
913	4/12/2015 01:01:11	13.50	45.39	29.38	8.70	8.03	7.3	2.585	100.2	8.5	2.0
914	4/12/2015 01:16:11	13.43	45.65	29.57	8.71	8.03	7.9	2.642	100.2	7.2	1.7
915	4/12/2015 01:31:12	13.41	45.64	29.56	8.72	8.03	8.0	2.697	100.4	6.6	1.6
916	4/12/2015 01:46:12	13.32	45.80	29.67	8.71	8.03	7.2	2.741	100.1	4.0	0.9
917	4/12/2015 02:01:12	13.23	45.80	29.67	8.70	8.03	8.7	2.800	99.8	5.4	1.3
918	4/12/2015 02:16:11	13.07	45.94	29.76	8.71	8.03	5.0	2.860	99.7	4.1	1.0
919	4/12/2015 02:31:11	13.00	46.19	29.94	8.77	8.04	6.4	2.918	100.3	3.7	0.9
920	4/12/2015 02:46:11	12.94	46.29	30.01	8.78	8.04	5.1	2.971	100.4	3.3	0.8
921	4/12/2015 03:01:11	12.84	46.57	30.21	8.76	8.04	4.2	3.029	100.0	4.3	1.0
922	4/12/2015 03:16:11	12.65	47.12	30.60	8.71	8.04	4.2	3.082	99.3	3.8	0.9
923	4/12/2015 03:31:11	12.46	47.60	30.94	8.69	8.04	4.8	3.125	98.9	4.5	1.1
924	4/12/2015 03:46:11	12.35	47.89	31.14	8.60	8.04	4.5	3.180	97.7	3.7	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
925	4/12/2015 04:01:11	12.28	47.89	31.14	8.65	8.04	4.1	3.222	98.2	4.7	1.1
926	4/12/2015 04:16:11	12.21	48.22	31.38	8.59	8.04	5.0	3.255	97.5	3.9	0.9
927	4/12/2015 04:31:11	12.19	48.34	31.46	8.54	8.04	4.3	3.284	96.9	5.4	1.3
928	4/12/2015 04:46:12	12.16	48.27	31.41	8.41	8.04	2.7	3.296	95.4	4.2	1.0
929	4/12/2015 05:01:11	12.29	47.86	31.12	8.53	8.04	3.1	3.307	96.8	3.8	0.9
930	4/12/2015 05:16:11	12.21	47.96	31.18	8.40	8.03	3.0	3.297	95.2	2.7	0.6
931	4/12/2015 05:31:11	12.26	48.01	31.22	8.51	8.04	4.7	3.278	96.6	3.6	0.8
932	4/12/2015 05:46:12	12.42	47.81	31.09	8.55	8.04	4.1	3.245	97.3	3.8	0.9
933	4/12/2015 06:01:11	12.53	47.19	30.64	8.54	8.03	4.0	3.212	97.2	3.1	0.7
934	4/12/2015 06:16:11	12.58	46.57	30.20	8.52	8.02	4.9	3.161	96.8	3.6	0.9
935	4/12/2015 06:31:11	12.61	46.41	30.09	8.50	8.02	4.0	3.098	96.6	3.0	0.7
936	4/12/2015 06:46:11	12.73	46.17	29.91	8.49	8.02	5.0	3.029	96.5	4.5	1.1
937	4/12/2015 07:01:11	12.70	46.17	29.91	8.53	8.02	5.0	2.957	97.0	5.1	1.2
938	4/12/2015 07:16:11	12.71	46.29	30.00	8.62	8.03	4.7	2.869	98.0	4.9	1.2
939	4/12/2015 07:31:12	12.76	46.34	30.04	8.65	8.03	4.5	2.800	98.5	5.1	1.2
940	4/12/2015 07:46:12	12.76	46.38	30.07	8.72	8.04	4.2	2.715	99.3	8.0	1.9
941	4/12/2015 08:01:11	12.88	46.19	29.94	8.69	8.04	4.8	2.621	99.1	6.1	1.4
942	4/12/2015 08:16:11	12.94	45.97	29.78	8.75	8.04	4.3	2.550	99.8	5.6	1.3
943	4/12/2015 08:31:12	13.09	45.78	29.65	8.74	8.05	5.2	2.452	100.0	6.4	1.5
944	4/12/2015 08:46:12	13.16	45.87	29.71	8.83	8.06	5.3	2.365	101.2	7.5	1.8
945	4/12/2015 09:01:11	13.29	45.82	29.69	9.04	8.07	5.9	2.262	103.8	7.6	1.8
946	4/12/2015 09:16:11	13.50	45.20	29.25	8.90	8.07	5.6	2.184	102.4	5.0	1.2
947	4/12/2015 09:31:11	13.65	45.37	29.37	9.05	8.08	5.9	2.068	104.6	5.0	1.2
948	4/12/2015 09:46:11	13.81	45.27	29.30	9.09	8.08	5.1	1.968	105.3	4.7	1.1
949	4/12/2015 10:01:11	13.97	45.33	29.35	9.23	8.10	5.7	1.891	107.4	5.4	1.3
950	4/12/2015 10:16:11	14.16	45.17	29.24	9.26	8.10	4.8	1.779	108.0	4.9	1.2
951	4/12/2015 10:31:11	14.26	45.04	29.15	9.18	8.10	5.1	1.710	107.2	5.1	1.2
952	4/12/2015 10:46:11	14.39	45.00	29.12	9.13	8.11	6.2	1.640	106.9	6.4	1.5
953	4/12/2015 11:01:12	14.47	44.84	29.01	9.07	8.10	5.6	1.586	106.3	10.3	2.4
954	4/12/2015 11:16:12	14.46	44.75	28.95	8.94	8.09	5.5	1.527	104.7	7.6	1.8
955	4/12/2015 11:31:11	14.39	44.78	28.97	8.88	8.09	5.8	1.504	103.9	4.4	1.0
956	4/12/2015 11:46:11	14.09	45.28	29.32	8.99	8.09	4.6	1.492	104.7	2.7	0.6
957	4/12/2015 12:01:12	14.19	44.86	29.02	8.86	8.09	5.1	1.488	103.3	4.0	0.9
958	4/12/2015 12:16:11	14.18	44.83	29.00	8.91	8.09	4.6	1.483	103.8	3.7	0.9
959	4/12/2015 12:31:11	14.13	44.80	28.98	8.94	8.09	4.5	1.524	104.1	4.3	1.0
960	4/12/2015 12:46:11	14.14	44.75	28.94	8.98	8.09	4.3	1.570	104.6	4.6	1.1
961	4/12/2015 13:01:12	14.10	44.72	28.91	8.95	8.09	4.4	1.614	104.0	10.1	2.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
962	4/12/2015 13:16:12	14.23	44.55	28.80	8.92	8.09	5.5	1.693	103.9	5.5	1.3
963	4/12/2015 13:31:11	14.14	44.28	28.61	8.85	8.08	5.3	1.737	102.7	4.0	0.9
964	4/12/2015 13:46:11	14.18	44.24	28.57	8.88	8.08	6.5	1.798	103.2	5.2	1.2
965	4/12/2015 14:01:11	14.04	44.63	28.85	8.82	8.07	10.5	1.857	102.4	4.2	1.0
966	4/12/2015 14:16:12	13.92	44.53	28.78	8.72	8.06	5.4	1.928	100.9	3.4	0.8
967	4/12/2015 14:31:12	13.77	44.87	29.01	8.62	8.06	5.9	1.997	99.6	3.3	0.8
968	4/12/2015 14:46:12	13.62	44.71	28.90	8.59	8.05	4.7	2.071	98.9	3.3	0.8
969	4/12/2015 15:01:11	13.50	45.23	29.27	8.62	8.04	5.0	2.137	99.2	3.2	0.8
970	4/12/2015 15:16:11	13.46	45.48	29.45	8.68	8.04	4.7	2.205	99.9	3.2	0.8
971	4/12/2015 15:31:11	13.38	45.84	29.70	8.67	8.04	5.2	2.290	99.8	3.3	0.8
972	4/12/2015 15:46:11	13.42	45.76	29.65	8.69	8.04	5.0	2.360	100.0	3.3	0.8
973	4/12/2015 16:01:12	13.29	45.97	29.79	8.65	8.03	5.2	2.440	99.5	3.3	0.8
974	4/12/2015 16:16:12	13.34	45.93	29.77	8.70	8.04	3.7	2.510	100.1	2.9	0.7
975	4/12/2015 16:31:11	13.04	46.29	30.02	8.67	8.03	4.3	2.589	99.3	3.3	0.8
976	4/12/2015 16:46:11	12.95	46.62	30.25	8.65	8.03	4.8	2.661	99.0	3.3	0.8
977	4/12/2015 17:01:11	12.94	46.65	30.27	8.67	8.03	3.9	2.721	99.2	3.4	0.8
978	4/12/2015 17:16:11	12.93	46.71	30.32	8.72	8.04	4.7	2.777	99.8	3.5	0.8
979	4/12/2015 17:31:12	12.94	46.87	30.43	8.76	8.04	4.7	2.851	100.4	3.8	0.9
980	4/12/2015 17:46:11	12.96	46.89	30.44	8.81	8.05	4.2	2.894	101.0	4.4	1.0
981	4/12/2015 18:01:11	12.88	47.04	30.55	8.80	8.05	3.7	2.956	100.8	4.1	1.0
982	4/12/2015 18:16:12	12.72	47.35	30.77	8.76	8.05	4.8	3.001	100.2	3.8	0.9
983	4/12/2015 18:31:11	12.60	47.60	30.94	8.77	8.05	4.3	3.055	100.1	4.1	1.0
984	4/12/2015 18:46:11	12.54	47.84	31.11	8.79	8.05	3.2	3.072	100.4	5.2	1.2
985	4/12/2015 19:01:12	12.59	47.79	31.08	8.71	8.05	3.4	3.093	99.5	3.5	0.8
986	4/12/2015 19:16:12	12.65	47.69	31.01	8.63	8.04	2.8	3.112	98.6	4.7	1.1
987	4/12/2015 19:31:12	12.56	47.77	31.06	8.64	8.04	3.2	3.095	98.6	3.4	0.8
988	4/12/2015 19:46:11	12.58	47.78	31.07	8.71	8.05	3.4	3.067	99.5	5.1	1.2
989	4/12/2015 20:01:11	12.64	47.59	30.94	8.66	8.04	3.6	3.052	98.9	3.3	0.8
990	4/12/2015 20:16:11	12.89	46.94	30.47	8.64	8.04	4.0	2.991	98.9	4.7	1.1
991	4/12/2015 20:31:11	12.87	46.60	30.23	8.55	8.03	4.7	2.941	97.7	3.4	0.8
992	4/12/2015 20:46:12	13.09	46.62	30.26	8.84	8.06	5.1	2.892	101.5	3.4	0.8
993	4/12/2015 21:01:11	13.43	46.22	29.98	8.85	8.07	4.0	2.824	102.2	4.1	1.0
994	4/12/2015 21:16:12	13.48	46.21	29.97	8.89	8.07	4.1	2.775	102.7	4.0	0.9
995	4/12/2015 21:31:11	13.43	46.29	30.03	8.88	8.07	4.4	2.712	102.5	3.7	0.9
996	4/12/2015 21:46:11	13.46	45.87	29.73	8.83	8.06	4.6	2.654	101.8	4.2	1.0
997	4/12/2015 22:01:11	13.40	45.86	29.72	8.74	8.06	4.2	2.601	100.6	4.0	0.9
998	4/12/2015 22:16:11	13.36	45.71	29.61	8.72	8.06	4.9	2.544	100.3	4.3	1.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
999	4/12/2015 22:31:12	13.47	45.58	29.52	8.70	8.06	4.7	2.502	100.2	3.9	0.9
1000	4/12/2015 22:46:12	13.36	45.71	29.61	8.65	8.06	4.9	2.438	99.4	3.9	0.9
1001	4/12/2015 23:01:12	13.41	45.57	29.51	8.63	8.06	5.1	2.406	99.3	3.9	0.9
1002	4/12/2015 23:16:11	13.39	45.53	29.48	8.64	8.06	5.1	2.355	99.3	4.4	1.0
1003	4/12/2015 23:31:11	13.54	45.31	29.33	8.65	8.06	5.4	2.331	99.7	4.3	1.0
1004	4/12/2015 23:46:11	13.67	45.18	29.23	8.68	8.07	6.2	2.285	100.2	4.0	0.9
1005	4/13/2015 00:01:11	13.76	44.97	29.09	8.73	8.08	4.8	2.268	100.8	5.1	1.2
1006	4/13/2015 00:16:11	13.57	45.31	29.33	8.47	8.05	4.8	2.249	97.7	4.9	1.1
1007	4/13/2015 00:31:12	13.65	45.30	29.32	8.54	8.05	5.3	2.255	98.6	4.2	1.0
1008	4/13/2015 00:46:11	13.81	44.84	28.99	8.72	8.08	7.2	2.255	100.9	3.8	0.9
1009	4/13/2015 01:01:11	13.60	45.08	29.16	8.73	8.07	4.4	2.269	100.6	3.6	0.8
1010	4/13/2015 01:16:11	13.49	45.45	29.43	8.62	8.05	5.7	2.301	99.2	4.0	0.9
1011	4/13/2015 01:31:11	13.57	45.38	29.37	8.60	8.05	5.1	2.329	99.2	4.9	1.1
1012	4/13/2015 01:46:12	13.51	45.32	29.33	8.65	8.05	4.5	2.363	99.6	3.4	0.8
1013	4/13/2015 02:01:12	13.48	45.44	29.42	8.65	8.05	5.0	2.424	99.6	4.1	1.0
1014	4/13/2015 02:16:12	13.41	45.82	29.68	8.61	8.04	4.5	2.481	99.1	3.4	0.8
1015	4/13/2015 02:31:12	13.23	46.18	29.94	8.61	8.04	4.8	2.531	99.0	4.1	1.0
1016	4/13/2015 02:46:12	13.21	46.18	29.94	8.63	8.04	5.6	2.591	99.1	5.8	1.4
1017	4/13/2015 03:01:12	13.20	46.10	29.88	8.65	8.05	4.2	2.658	99.3	5.3	1.2
1018	4/13/2015 03:16:12	13.05	46.27	30.00	8.64	8.04	3.9	2.711	99.0	7.2	1.7
1019	4/13/2015 03:31:12	12.98	46.57	30.21	8.68	8.04	4.4	2.777	99.4	4.3	1.0
1020	4/13/2015 03:46:11	12.93	46.49	30.16	8.72	8.05	3.6	2.836	99.7	3.6	0.8
1021	4/13/2015 04:01:11	12.87	46.75	30.34	8.71	8.05	4.7	2.887	99.6	4.0	0.9
1022	4/13/2015 04:16:11	12.85	46.78	30.36	8.72	8.05	4.3	2.949	99.7	3.8	0.9
1023	4/13/2015 04:31:11	12.70	46.99	30.50	8.74	8.05	4.9	3.005	99.7	4.4	1.0
1024	4/13/2015 04:46:11	12.55	47.14	30.61	8.73	8.04	3.6	3.078	99.4	4.1	1.0
1025	4/13/2015 05:01:11	12.39	47.65	30.97	8.73	8.04	4.7	3.107	99.2	4.1	1.0
1026	4/13/2015 05:16:11	12.33	47.85	31.11	8.72	8.04	3.1	3.152	99.0	4.0	0.9
1027	4/13/2015 05:31:11	12.28	48.07	31.27	8.72	8.04	3.2	3.201	99.0	4.9	1.2
1028	4/13/2015 05:46:12	12.26	48.01	31.22	8.67	8.04	3.2	3.242	98.4	13.3	3.1
1029	4/13/2015 06:01:12	12.19	48.51	31.59	8.61	8.04	2.8	3.271	97.8	3.6	0.9
1030	4/13/2015 06:16:11	12.19	48.44	31.53	8.46	8.03	3.8	3.282	96.1	3.5	0.8
1031	4/13/2015 06:31:11	12.14	48.64	31.68	8.60	8.04	4.0	3.269	97.7	2.9	0.7
1032	4/13/2015 06:46:11	12.17	48.63	31.67	8.58	8.04	3.6	3.262	97.5	2.9	0.7
1033	4/13/2015 07:01:11	12.16	48.53	31.59	8.65	8.04	2.9	3.246	98.2	2.3	0.5
1034	4/13/2015 07:16:11	12.76	46.95	30.48	8.51	8.03	5.3	3.205	97.2	3.8	0.9
1035	4/13/2015 07:31:11	12.57	47.54	30.90	8.59	8.04	4.8	3.137	97.9	2.9	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1036	4/13/2015 07:46:11	12.76	47.07	30.57	8.62	8.04	4.7	3.091	98.5	3.7	0.9
1037	4/13/2015 08:01:11	12.79	46.95	30.48	8.62	8.04	3.4	3.020	98.5	4.0	0.9
1038	4/13/2015 08:16:13	12.94	46.76	30.35	8.57	8.04	5.7	2.940	98.2	3.6	0.8
1039	4/13/2015 08:31:13	13.02	46.65	30.27	8.68	8.04	4.4	2.873	99.5	3.7	0.9
1040	4/13/2015 08:46:12	13.13	46.32	30.04	8.66	8.04	3.3	2.784	99.4	4.2	1.0
1041	4/13/2015 09:01:12	13.15	46.58	30.23	8.73	8.05	3.8	2.703	100.4	4.1	1.0
1042	4/13/2015 09:16:12	13.27	46.46	30.15	8.78	8.05	3.2	2.608	101.2	4.6	1.1
1043	4/13/2015 09:31:12	13.43	46.50	30.18	8.82	8.06	4.0	2.519	101.9	4.2	1.0
1044	4/13/2015 09:46:12	13.65	46.27	30.02	8.81	8.07	4.8	2.416	102.2	4.5	1.1
1045	4/13/2015 10:01:12	13.84	46.08	29.89	9.00	8.08	5.0	2.313	104.7	3.7	0.9
1046	4/13/2015 10:16:11	14.15	45.70	29.62	9.09	8.10	3.8	2.230	106.3	4.3	1.0
1047	4/13/2015 10:31:11	14.33	45.37	29.39	9.22	8.11	4.5	2.120	108.0	3.9	0.9
1048	4/13/2015 10:46:11	14.52	45.44	29.45	9.22	8.12	4.6	2.011	108.5	4.0	0.9
1049	4/13/2015 11:01:11	14.77	45.58	29.55	9.41	8.12	4.8	1.925	111.4	3.7	0.9
1050	4/13/2015 11:16:11	14.99	45.42	29.44	9.44	8.13	4.7	1.819	112.1	3.8	0.9
1051	4/13/2015 11:31:11	15.28	45.32	29.37	9.52	8.14	4.1	1.748	113.6	4.4	1.0
1052	4/13/2015 11:46:11	15.32	45.24	29.32	9.47	8.14	4.6	1.642	113.2	3.8	0.9
1053	4/13/2015 12:01:10	15.45	45.16	29.26	9.48	8.14	4.3	1.574	113.5	3.9	0.9
1054	4/13/2015 12:16:11	15.31	45.04	29.17	9.37	8.14	4.9	1.520	111.9	4.2	1.0
1055	4/13/2015 12:31:11	15.15	44.98	29.13	9.33	8.13	3.7	1.464	111.0	3.4	0.8
1056	4/13/2015 12:46:12	15.73	45.13	29.24	9.19	8.12	12.0	1.472	110.6	3.2	0.8
1057	4/13/2015 13:01:11	14.67	45.10	29.20	9.20	8.11	3.7	1.452	108.4	3.3	0.8
1058	4/13/2015 13:16:11	15.10	45.10	29.21	9.25	8.12	5.9	1.461	109.9	4.0	0.9
1059	4/13/2015 13:31:11	15.07	45.21	29.29	9.30	8.12	5.1	1.488	110.5	3.5	0.8
1060	4/13/2015 13:46:11	15.03	45.16	29.25	9.28	8.12	5.1	1.559	110.2	3.8	0.9
1061	4/13/2015 14:01:11	15.20	45.13	29.24	9.24	8.12	6.8	1.588	110.1	4.3	1.0
1062	4/13/2015 14:16:11	15.17	44.27	28.62	9.16	8.11	6.1	1.647	108.6	4.5	1.0
1063	4/13/2015 14:31:11	15.02	44.36	28.68	9.13	8.10	5.3	1.725	108.0	4.3	1.0
1064	4/13/2015 14:46:11	14.89	44.14	28.52	9.10	8.10	6.3	1.790	107.3	5.9	1.4
1065	4/13/2015 15:01:11	14.97	44.08	28.47	9.04	8.10	6.8	1.850	106.6	4.1	1.0
1066	4/13/2015 15:16:11	14.93	44.31	28.64	9.15	8.10	5.4	1.935	108.0	5.4	1.3
1067	4/13/2015 15:31:11	14.58	44.91	29.07	9.07	8.09	4.8	2.013	106.6	4.3	1.0
1068	4/13/2015 15:46:11	14.43	45.09	29.19	9.02	8.09	4.9	2.087	105.8	4.3	1.0
1069	4/13/2015 16:01:11	14.01	45.59	29.54	8.91	8.07	3.5	2.174	103.7	3.8	0.9
1070	4/13/2015 16:16:11	13.72	46.09	29.89	8.79	8.05	3.7	2.259	102.0	3.7	0.9
1071	4/13/2015 16:31:12	13.70	46.13	29.92	8.82	8.05	4.0	2.377	102.4	4.2	1.0
1072	4/13/2015 16:46:12	13.68	46.28	30.03	8.79	8.05	4.0	2.448	102.0	3.9	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1073	4/13/2015 17:01:11	13.63	46.28	30.03	8.78	8.05	3.7	2.535	101.8	4.2	1.0
1074	4/13/2015 17:16:11	13.56	46.41	30.12	8.82	8.05	4.5	2.617	102.2	4.2	1.0
1075	4/13/2015 17:31:11	13.31	46.70	30.32	8.72	8.04	4.8	2.685	100.6	4.2	1.0
1076	4/13/2015 17:46:11	13.16	46.83	30.41	8.68	8.04	4.0	2.753	99.9	3.6	0.8
1077	4/13/2015 18:01:11	13.05	46.95	30.49	8.68	8.04	4.7	2.828	99.8	3.9	0.9
1078	4/13/2015 18:16:12	13.00	46.92	30.46	8.69	8.04	3.9	2.879	99.7	4.4	1.0
1079	4/13/2015 18:31:11	13.03	47.23	30.69	8.71	8.04	6.4	2.965	100.2	4.3	1.0
1080	4/13/2015 18:46:12	13.06	47.13	30.62	8.77	8.04	3.8	3.027	100.9	4.9	1.1
1081	4/13/2015 19:01:11	13.03	47.19	30.66	8.83	8.05	3.7	3.070	101.5	4.5	1.1
1082	4/13/2015 19:16:11	12.82	47.74	31.05	8.83	8.04	6.0	3.100	101.3	5.1	1.2
1083	4/13/2015 19:31:13	12.68	47.98	31.22	8.77	8.04	6.6	3.154	100.5	5.0	1.2
1084	4/13/2015 19:46:12	12.59	48.14	31.33	8.70	8.03	4.5	3.190	99.6	5.4	1.3
1085	4/13/2015 20:01:11	12.64	47.93	31.19	8.62	8.04	4.1	3.203	98.6	4.5	1.1
1086	4/13/2015 20:16:12	12.61	48.11	31.31	8.57	8.03	4.0	3.212	98.0	4.7	1.1
1087	4/13/2015 20:31:12	12.57	48.18	31.36	8.59	8.03	4.1	3.210	98.3	3.7	0.9
1088	4/13/2015 20:46:11	12.68	47.97	31.22	8.71	8.03	4.0	3.174	99.7	3.8	0.9
1089	4/13/2015 21:01:11	12.91	47.17	30.64	8.63	8.04	4.2	3.131	99.0	3.9	0.9
1090	4/13/2015 21:16:12	12.97	46.77	30.35	8.61	8.04	5.2	3.076	98.7	4.7	1.1
1091	4/13/2015 21:31:11	12.92	46.95	30.49	8.67	8.04	5.0	3.016	99.3	4.2	1.0
1092	4/13/2015 21:46:11	12.87	47.21	30.67	8.68	8.04	6.8	2.943	99.4	4.0	0.9
1093	4/13/2015 22:01:12	12.95	46.80	30.38	8.57	8.04	5.1	2.868	98.2	4.1	1.0
1094	4/13/2015 22:16:12	13.13	46.36	30.07	8.47	8.03	5.5	2.808	97.2	3.5	0.8
1095	4/13/2015 22:31:11	13.27	46.11	29.89	8.47	8.04	6.3	2.738	97.4	4.4	1.0
1096	4/13/2015 22:46:11	13.23	46.01	29.82	8.45	8.03	6.2	2.653	97.0	5.0	1.2
1097	4/13/2015 23:01:11	13.32	45.77	29.65	8.46	8.04	6.1	2.575	97.2	5.0	1.2
1098	4/13/2015 23:16:11	13.43	45.80	29.67	8.45	8.04	6.7	2.509	97.3	4.6	1.1
1099	4/13/2015 23:31:11	13.31	45.64	29.55	8.44	8.04	6.5	2.430	97.0	4.0	0.9
1100	4/13/2015 23:46:11	13.68	45.22	29.27	8.47	8.05	6.8	2.371	97.9	4.8	1.1
1101	4/14/2015 00:01:12	13.52	45.39	29.39	8.39	8.05	6.9	2.304	96.7	4.6	1.1
1102	4/14/2015 00:16:12	13.82	45.14	29.21	8.49	8.07	7.4	2.235	98.4	4.8	1.1
1103	4/14/2015 00:31:11	13.71	45.21	29.26	8.53	8.08	6.6	2.197	98.6	4.4	1.0
1104	4/14/2015 00:46:11	13.90	45.08	29.17	8.53	8.09	7.0	2.141	98.9	4.6	1.1
1105	4/14/2015 01:01:11	13.98	45.09	29.18	8.57	8.10	8.4	2.093	99.5	4.3	1.0
1106	4/14/2015 01:16:12	14.21	44.88	29.04	8.57	8.12	8.0	2.074	99.9	4.9	1.2
1107	4/14/2015 01:31:11	13.82	45.20	29.25	8.31	8.07	5.6	2.067	96.3	3.9	0.9
1108	4/14/2015 01:46:11	14.04	44.89	29.04	8.54	8.10	6.7	2.058	99.3	4.6	1.1
1109	4/14/2015 02:01:11	13.98	44.93	29.06	8.56	8.10	6.2	2.063	99.4	4.4	1.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1110	4/14/2015 02:16:11	13.79	45.07	29.16	8.46	8.07	6.5	2.103	97.9	4.3	1.0
1111	4/14/2015 02:31:11	13.76	45.35	29.36	8.43	8.06	7.0	2.149	97.6	4.1	1.0
1112	4/14/2015 02:46:11	13.69	45.07	29.16	8.41	8.06	5.7	2.212	97.1	3.1	0.7
1113	4/14/2015 03:01:11	13.69	44.82	28.98	8.44	8.07	7.2	2.278	97.3	4.0	0.9
1114	4/14/2015 03:16:12	13.61	45.37	29.37	8.37	8.04	5.9	2.339	96.6	3.6	0.8
1115	4/14/2015 03:31:12	13.59	45.39	29.39	8.37	8.04	6.2	2.402	96.6	3.6	0.8
1116	4/14/2015 03:46:12	13.42	45.56	29.50	8.39	8.04	6.5	2.463	96.5	4.2	1.0
1117	4/14/2015 04:01:11	13.25	45.90	29.74	8.42	8.04	5.9	2.546	96.7	3.8	0.9
1118	4/14/2015 04:16:11	13.12	46.12	29.89	8.45	8.03	6.5	2.592	96.8	3.8	0.9
1119	4/14/2015 04:31:12	13.03	46.39	30.08	8.45	8.03	5.0	2.658	96.8	3.1	0.7
1120	4/14/2015 04:46:11	12.96	46.67	30.29	8.49	8.03	4.1	2.716	97.2	3.5	0.8
1121	4/14/2015 05:01:11	12.82	46.64	30.26	8.52	8.03	3.9	2.789	97.3	3.8	0.9
1122	4/14/2015 05:16:12	12.73	46.91	30.45	8.51	8.03	5.6	2.850	97.1	3.5	0.8
1123	4/14/2015 05:31:11	12.68	47.14	30.62	8.50	8.03	3.9	2.919	97.0	3.6	0.9
1124	4/14/2015 05:46:11	12.57	47.65	30.98	8.51	8.02	5.9	2.989	97.1	3.4	0.8
1125	4/14/2015 06:01:11	12.50	47.78	31.07	8.54	8.03	5.3	3.033	97.4	4.0	0.9
1126	4/14/2015 06:16:11	12.43	47.77	31.06	8.55	8.03	4.2	3.120	97.3	3.4	0.8
1127	4/14/2015 06:31:11	12.37	47.98	31.21	8.57	8.03	4.8	3.184	97.5	3.8	0.9
1128	4/14/2015 06:46:12	12.35	47.97	31.20	8.55	8.03	4.1	3.236	97.2	3.6	0.8
1129	4/14/2015 07:01:11	12.33	47.85	31.11	8.53	8.02	3.4	3.268	96.9	3.3	0.8
1130	4/14/2015 07:16:11	12.25	48.07	31.27	8.55	8.03	4.2	3.298	97.0	2.6	0.6
1131	4/14/2015 07:31:11	12.22	48.06	31.26	8.51	8.02	3.2	3.309	96.5	3.0	0.7
1132	4/14/2015 07:46:11	12.22	48.08	31.28	8.32	8.02	3.4	3.316	94.4	3.7	0.9
1133	4/14/2015 08:01:11	12.24	48.09	31.28	8.49	8.02	3.6	3.309	96.4	2.4	0.6
1134	4/14/2015 08:16:11	12.52	47.29	30.72	8.75	8.04	3.4	3.290	99.6	5.7	1.3
1135	4/14/2015 08:31:11	12.60	47.12	30.60	8.76	8.04	4.9	3.247	99.8	4.1	1.0
1136	4/14/2015 08:46:11	12.79	46.86	30.41	8.65	8.04	5.0	3.191	98.8	2.9	0.7
1137	4/14/2015 09:01:11	12.55	47.40	30.80	8.55	8.03	4.7	3.119	97.4	3.1	0.7
1138	4/14/2015 09:16:11	12.75	47.09	30.58	8.58	8.03	5.8	3.034	98.0	2.9	0.7
1139	4/14/2015 09:31:12	12.88	46.85	30.42	8.61	8.04	4.7	2.952	98.5	3.2	0.8
1140	4/14/2015 09:46:12	13.17	46.42	30.11	8.64	8.05	5.0	2.888	99.3	3.0	0.7
1141	4/14/2015 10:01:12	13.41	46.30	30.04	8.77	8.06	5.3	2.778	101.2	11.8	2.8
1142	4/14/2015 10:16:12	13.57	46.52	30.20	8.98	8.07	5.3	2.668	104.1	2.6	0.6
1143	4/14/2015 10:31:11	13.68	46.38	30.10	9.02	8.08	3.7	2.598	104.8	4.0	0.9
1144	4/14/2015 10:46:11	13.84	46.05	29.86	8.98	8.08	4.8	2.480	104.5	3.0	0.7
1145	4/14/2015 11:01:11	14.15	45.96	29.81	9.03	8.09	4.5	2.379	105.7	3.5	0.8
1146	4/14/2015 11:16:11	14.22	45.73	29.65	9.06	8.10	4.6	2.283	106.0	3.8	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1147	4/14/2015 11:31:11	14.37	45.67	29.61	9.18	8.11	4.8	2.171	107.8	3.8	0.9
1148	4/14/2015 11:46:11	14.48	45.66	29.60	9.27	8.12	6.4	2.061	109.1	3.2	0.8
1149	4/14/2015 12:01:11	14.51	45.52	29.50	9.27	8.12	5.3	1.961	109.0	3.7	0.9
1150	4/14/2015 12:16:11	14.59	45.37	29.39	9.29	8.13	5.4	1.850	109.4	3.5	0.8
1151	4/14/2015 12:31:12	14.84	45.40	29.42	9.28	8.13	5.2	1.754	109.8	3.7	0.9
1152	4/14/2015 12:46:11	14.73	45.29	29.34	9.26	8.13	6.1	1.654	109.3	3.6	0.9
1153	4/14/2015 13:01:11	14.76	45.21	29.28	9.25	8.13	5.7	1.600	109.3	3.9	0.9
1154	4/14/2015 13:16:11	14.77	45.09	29.20	9.19	8.13	4.4	1.509	108.5	2.8	0.7
1155	4/14/2015 13:31:12	14.75	45.15	29.24	9.07	8.13	4.3	1.488	107.1	3.1	0.7
1156	4/14/2015 13:46:11	14.80	45.02	29.15	8.93	8.12	3.8	1.455	105.5	3.2	0.7
1157	4/14/2015 14:01:11	14.81	45.49	29.49	9.32	8.13	6.7	1.470	110.3	3.7	0.9
1158	4/14/2015 14:16:12	14.82	45.28	29.34	9.28	8.13	5.9	1.474	109.8	3.7	0.9
1159	4/14/2015 14:31:12	14.78	45.19	29.27	9.24	8.12	4.5	1.514	109.1	4.1	1.0
1160	4/14/2015 14:46:11	14.70	45.21	29.28	9.21	8.12	5.6	1.565	108.6	3.6	0.8
1161	4/14/2015 15:01:11	14.84	45.07	29.19	9.28	8.13	4.6	1.599	109.7	4.3	1.0
1162	4/14/2015 15:16:11	14.79	45.13	29.22	9.24	8.13	6.1	1.649	109.1	4.6	1.1
1163	4/14/2015 15:31:12	14.84	44.56	28.82	9.22	8.12	5.0	1.725	108.8	4.6	1.1
1164	4/14/2015 15:46:11	14.81	44.64	28.87	9.21	8.12	6.4	1.811	108.6	4.9	1.1
1165	4/14/2015 16:01:11	14.69	44.72	28.93	9.15	8.11	5.4	1.876	107.7	4.3	1.0
1166	4/14/2015 16:16:12	14.63	44.81	28.99	9.10	8.11	5.1	1.962	107.0	3.4	0.8
1167	4/14/2015 16:31:12	14.52	44.94	29.08	9.00	8.10	4.9	2.052	105.7	3.0	0.7
1168	4/14/2015 16:46:11	14.41	45.10	29.20	8.95	8.09	5.9	2.155	104.9	3.2	0.7
1169	4/14/2015 17:01:12	14.18	45.44	29.44	8.86	8.08	6.4	2.232	103.6	2.7	0.6
1170	4/14/2015 17:16:12	14.34	44.95	29.09	9.02	8.09	5.0	2.345	105.5	4.7	1.1
1171	4/14/2015 17:31:12	13.99	45.52	29.49	8.93	8.08	4.8	2.409	104.0	4.4	1.0
1172	4/14/2015 17:46:11	13.65	46.14	29.92	8.76	8.05	5.8	2.502	101.5	2.9	0.7
1173	4/14/2015 18:01:11	13.55	46.20	29.97	8.76	8.05	4.3	2.581	101.4	3.0	0.7
1174	4/14/2015 18:16:11	13.48	46.25	30.00	8.78	8.05	4.2	2.673	101.4	3.0	0.7
1175	4/14/2015 18:31:11	13.41	46.40	30.10	8.76	8.05	4.8	2.770	101.2	3.4	0.8
1176	4/14/2015 18:46:12	13.35	46.52	30.19	8.71	8.04	4.1	2.833	100.5	3.2	0.8
1177	4/14/2015 19:01:12	13.21	46.71	30.32	8.77	8.04	5.8	2.923	101.0	4.1	1.0
1178	4/14/2015 19:16:11	13.03	47.11	30.61	8.78	8.04	9.4	2.997	100.9	4.6	1.1
1179	4/14/2015 19:31:11	12.94	47.15	30.63	8.79	8.04	5.6	3.073	100.9	3.2	0.8
1180	4/14/2015 19:46:11	12.78	47.41	30.81	8.82	8.04	5.7	3.124	101.0	4.0	0.9
1181	4/14/2015 20:01:11	12.56	47.88	31.14	8.86	8.04	6.8	3.197	101.2	4.9	1.1
1182	4/14/2015 20:16:12	12.35	48.17	31.35	8.88	8.04	4.8	3.234	101.1	4.4	1.0
1183	4/14/2015 20:31:12	12.29	48.34	31.47	8.90	8.04	3.7	3.289	101.2	4.5	1.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1184	4/14/2015 20:46:12	12.18	48.60	31.65	8.93	8.04	4.5	3.326	101.5	4.8	1.1
1185	4/14/2015 21:01:11	12.34	48.20	31.36	8.78	8.04	4.6	3.326	99.9	4.2	1.0
1186	4/14/2015 21:16:11	12.22	48.47	31.56	8.85	8.03	3.5	3.319	100.5	3.5	0.8
1187	4/14/2015 21:31:11	12.21	48.59	31.64	8.82	8.03	4.5	3.308	100.3	3.2	0.8
1188	4/14/2015 21:46:11	12.49	47.81	31.09	8.78	8.04	5.9	3.263	100.0	3.7	0.9
1189	4/14/2015 22:01:11	12.56	47.62	30.96	8.80	8.04	6.7	3.202	100.3	4.6	1.1
1190	4/14/2015 22:16:11	12.50	47.72	31.03	8.82	8.04	5.9	3.128	100.5	3.9	0.9
1191	4/14/2015 22:31:11	12.45	47.83	31.10	8.83	8.04	5.2	3.046	100.5	5.6	1.3
1192	4/14/2015 22:46:11	12.83	47.04	30.55	8.71	8.04	5.9	2.955	99.6	4.4	1.0
1193	4/14/2015 23:01:11	13.01	46.57	30.22	8.58	8.04	6.8	2.873	98.3	3.9	0.9
1194	4/14/2015 23:16:11	13.04	46.35	30.06	8.57	8.04	7.1	2.788	98.1	4.6	1.1
1195	4/14/2015 23:31:11	13.15	46.29	30.02	8.52	8.04	7.9	2.687	97.8	8.0	1.9
1196	4/14/2015 23:46:12	13.12	46.07	29.86	8.51	8.04	6.4	2.599	97.6	12.2	2.9
1197	4/15/2015 00:01:12	13.19	45.87	29.72	8.47	8.04	6.5	2.506	97.1	10.8	2.5
1198	4/15/2015 00:16:11	13.39	45.38	29.37	8.45	8.05	7.3	2.409	97.1	17.5	4.1
1199	4/15/2015 00:31:11	13.43	45.47	29.43	8.48	8.06	7.5	2.326	97.6	11.9	2.8
1200	4/15/2015 00:46:11	13.55	45.46	29.44	8.53	8.08	7.9	2.227	98.4	12.0	2.8
1201	4/15/2015 01:01:11	13.47	45.65	29.56	8.52	8.09	8.4	2.130	98.2	7.6	1.8
1202	4/15/2015 01:16:12	13.64	45.45	29.43	8.46	8.10	9.0	2.030	97.8	11.4	2.7
1203	4/15/2015 01:31:11	13.71	45.20	29.25	8.55	8.10	8.4	1.975	98.9	12.7	3.0
1204	4/15/2015 01:46:12	13.69	45.34	29.35	8.53	8.10	9.2	1.897	98.6	6.7	1.6
1205	4/15/2015 02:01:12	13.79	45.21	29.26	8.50	8.11	8.9	1.849	98.5	7.5	1.8
1206	4/15/2015 02:16:12	13.83	45.12	29.20	8.46	8.11	8.9	1.814	98.0	7.9	1.9
1207	4/15/2015 02:31:11	13.84	45.08	29.17	8.40	8.11	9.1	1.783	97.3	5.9	1.4
1208	4/15/2015 02:46:12	13.76	45.15	29.22	8.39	8.11	8.8	1.802	97.1	4.8	1.1
1209	4/15/2015 03:01:12	13.74	45.15	29.22	8.48	8.10	7.9	1.803	98.0	5.4	1.3
1210	4/15/2015 03:16:12	13.74	45.14	29.21	8.45	8.10	8.4	1.838	97.7	6.5	1.5
1211	4/15/2015 03:31:12	13.75	45.20	29.25	8.45	8.10	7.2	1.883	97.7	9.3	2.2
1212	4/15/2015 03:46:11	13.70	45.16	29.22	8.46	8.09	7.4	1.944	97.7	9.7	2.3
1213	4/15/2015 04:01:11	13.69	45.05	29.14	8.45	8.08	7.0	2.018	97.5	4.1	1.0
1214	4/15/2015 04:16:12	13.69	44.88	29.02	8.42	8.08	6.9	2.087	97.1	8.0	1.9
1215	4/15/2015 04:31:12	13.65	44.95	29.07	8.37	8.07	7.0	2.158	96.5	7.8	1.8
1216	4/15/2015 04:46:11	13.56	44.80	28.96	8.39	8.06	7.3	2.239	96.5	5.7	1.3
1217	4/15/2015 05:01:11	13.32	45.47	29.44	8.42	8.04	6.7	2.324	96.7	6.2	1.5
1218	4/15/2015 05:16:11	13.16	46.07	29.86	8.48	8.03	5.5	2.396	97.2	5.0	1.2
1219	4/15/2015 05:31:11	13.11	46.31	30.03	8.51	8.03	5.5	2.481	97.6	8.4	2.0
1220	4/15/2015 05:46:11	13.02	46.45	30.13	8.53	8.03	5.0	2.543	97.7	6.2	1.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1221	4/15/2015 06:01:11	12.99	46.31	30.03	8.53	8.03	3.9	2.617	97.6	7.6	1.8
1222	4/15/2015 06:16:11	12.89	46.75	30.34	8.55	8.03	5.9	2.700	97.8	8.3	2.0
1223	4/15/2015 06:31:12	12.83	46.85	30.41	8.55	8.03	5.9	2.778	97.8	5.4	1.3
1224	4/15/2015 06:46:12	12.68	47.17	30.63	8.58	8.03	6.1	2.843	97.9	4.5	1.1
1225	4/15/2015 07:01:11	12.54	47.29	30.72	8.68	8.03	6.2	2.919	98.8	4.1	1.0
1226	4/15/2015 07:16:12	12.45	47.50	30.86	8.66	8.03	5.5	2.979	98.5	5.4	1.3
1227	4/15/2015 07:31:12	12.35	47.68	30.99	8.71	8.03	5.9	3.056	98.9	7.1	1.7
1228	4/15/2015 07:46:11	12.28	47.58	30.92	8.73	8.03	5.6	3.121	99.0	6.9	1.6
1229	4/15/2015 08:01:11	12.21	47.82	31.08	8.77	8.03	5.0	3.171	99.4	7.3	1.7
1230	4/15/2015 08:16:11	12.08	48.06	31.25	8.80	8.03	5.7	3.234	99.5	7.7	1.8
1231	4/15/2015 08:31:11	11.99	48.10	31.28	8.83	8.03	3.7	3.277	99.7	5.4	1.3
1232	4/15/2015 08:46:11	11.92	48.22	31.36	8.81	8.03	3.6	3.305	99.3	5.1	1.2
1233	4/15/2015 09:01:11	11.82	48.43	31.51	8.70	8.02	2.6	3.317	98.1	3.8	0.9
1234	4/15/2015 09:16:11	11.82	48.45	31.53	8.69	8.02	2.9	3.304	97.9	3.6	0.8
1235	4/15/2015 09:31:11	11.86	48.42	31.50	8.73	8.02	3.7	3.252	98.5	4.6	1.1
1236	4/15/2015 09:46:11	12.31	47.99	31.21	8.91	8.04	8.5	3.216	101.3	4.1	1.0
1237	4/15/2015 10:01:11	12.40	48.02	31.24	9.05	8.05	10.6	3.134	103.1	6.9	1.6
1238	4/15/2015 10:16:11	12.57	47.84	31.11	9.06	8.05	10.2	3.049	103.5	6.0	1.4
1239	4/15/2015 10:31:12	12.72	47.73	31.04	9.10	8.06	10.7	2.966	104.2	6.6	1.6
1240	4/15/2015 10:46:12	12.84	47.76	31.07	9.12	8.06	11.3	2.886	104.7	7.5	1.8
1241	4/15/2015 11:01:12	13.00	47.52	30.90	9.06	8.06	10.8	2.759	104.3	4.0	0.9
1242	4/15/2015 11:16:12	13.29	47.23	30.70	9.10	8.07	13.7	2.659	105.2	6.2	1.4
1243	4/15/2015 11:31:12	13.44	46.85	30.43	9.06	8.08	17.6	2.564	104.9	4.8	1.1
1244	4/15/2015 11:46:12	13.68	46.88	30.46	9.07	8.08	18.3	2.457	105.6	7.4	1.7
1245	4/15/2015 12:01:11	13.82	46.50	30.19	9.08	8.09	20.2	2.341	105.7	8.1	1.9
1246	4/15/2015 12:16:11	13.96	46.34	30.08	9.06	8.09	22.6	2.219	105.8	10.4	2.4
1247	4/15/2015 12:31:11	14.01	45.87	29.74	9.00	8.09	24.7	2.110	104.9	10.7	2.5
1248	4/15/2015 12:46:11	14.10	45.89	29.76	8.96	8.09	26.1	2.000	104.7	10.8	2.5
1249	4/15/2015 13:01:11	14.24	45.92	29.79	8.94	8.09	32.1	1.868	104.8	9.4	2.2
1250	4/15/2015 13:16:11	14.22	45.79	29.69	8.88	8.09	31.1	1.756	104.0	7.8	1.8
1251	4/15/2015 13:31:11	14.23	45.73	29.64	8.86	8.09	28.5	1.652	103.8	8.1	1.9
1252	4/15/2015 13:46:12	14.28	45.57	29.53	8.85	8.09	25.8	1.560	103.7	8.3	1.9
1253	4/15/2015 14:01:11	14.33	45.59	29.55	8.83	8.09	23.1	1.482	103.5	6.0	1.4
1254	4/15/2015 14:16:11	14.39	45.46	29.45	8.84	8.09	18.4	1.405	103.7	6.7	1.6
1255	4/15/2015 14:31:11	14.40	45.42	29.43	8.72	8.08	14.1	1.391	102.4	4.8	1.1
1256	4/15/2015 14:46:11	14.43	45.38	29.40	8.61	8.07	14.9	1.360	101.1	6.4	1.5
1257	4/15/2015 15:01:11	14.58	45.47	29.47	8.78	8.08	14.5	1.361	103.4	4.6	1.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1258	4/15/2015 15:16:11	14.63	45.11	29.21	8.78	8.09	16.6	1.382	103.3	6.8	1.6
1259	4/15/2015 15:31:11	14.65	45.18	29.26	8.82	8.09	14.7	1.422	103.9	5.7	1.3
1260	4/15/2015 15:46:11	14.63	45.06	29.18	8.78	8.09	15.4	1.483	103.3	8.0	1.9
1261	4/15/2015 16:01:11	14.55	45.12	29.21	8.68	8.08	13.6	1.538	102.1	4.8	1.1
1262	4/15/2015 16:16:11	14.53	45.08	29.19	8.75	8.08	11.9	1.622	102.8	5.9	1.4
1263	4/15/2015 16:31:11	14.50	45.29	29.33	8.76	8.08	13.1	1.686	102.9	4.9	1.2
1264	4/15/2015 16:46:11	14.60	44.99	29.13	8.74	8.09	12.2	1.792	102.8	6.6	1.6
1265	4/15/2015 17:01:10	14.68	44.69	28.91	8.72	8.09	12.6	1.870	102.6	6.6	1.5
1266	4/15/2015 17:16:11	14.66	44.74	28.94	8.75	8.09	12.6	1.968	102.9	5.5	1.3
1267	4/15/2015 17:31:11	14.46	44.91	29.06	8.74	8.08	10.8	2.057	102.5	5.1	1.2
1268	4/15/2015 17:46:12	14.27	45.21	29.27	8.75	8.07	11.6	2.164	102.3	4.2	1.0
1269	4/15/2015 18:01:11	14.11	45.28	29.32	8.82	8.07	11.0	2.265	102.8	4.2	1.0
1270	4/15/2015 18:16:11	13.96	45.37	29.38	8.87	8.07	10.7	2.348	103.1	5.0	1.2
1271	4/15/2015 18:31:11	13.77	45.58	29.53	8.86	8.06	11.5	2.453	102.7	5.2	1.2
1272	4/15/2015 18:46:11	13.62	45.78	29.66	8.89	8.06	10.9	2.559	102.8	5.2	1.2
1273	4/15/2015 19:01:11	13.41	46.35	30.07	8.83	8.05	11.2	2.652	101.9	5.3	1.2
1274	4/15/2015 19:16:11	13.37	46.55	30.21	8.88	8.05	17.2	2.746	102.5	6.5	1.5
1275	4/15/2015 19:31:11	13.13	46.88	30.44	8.94	8.05	17.8	2.840	102.9	5.6	1.3
1276	4/15/2015 19:46:11	12.93	47.00	30.52	8.94	8.04	16.1	2.942	102.5	5.1	1.2
1277	4/15/2015 20:01:11	12.71	47.56	30.92	8.93	8.04	18.1	3.027	102.2	6.1	1.4
1278	4/15/2015 20:16:11	12.37	48.14	31.32	9.01	8.03	17.4	3.113	102.5	6.9	1.6
1279	4/15/2015 20:31:13	12.20	48.48	31.56	9.05	8.03	14.1	3.190	102.8	7.5	1.8
1280	4/15/2015 20:46:12	12.11	48.72	31.73	9.05	8.02	12.2	3.261	102.7	6.6	1.6
1281	4/15/2015 21:01:11	12.03	48.64	31.67	9.05	8.02	7.7	3.332	102.5	6.0	1.4
1282	4/15/2015 21:16:11	11.98	48.78	31.77	9.05	8.02	6.1	3.395	102.4	5.8	1.4
1283	4/15/2015 21:31:12	11.90	48.94	31.88	9.02	8.02	6.1	3.435	102.1	5.6	1.3
1284	4/15/2015 21:46:12	11.86	49.04	31.95	8.90	8.02	6.2	3.439	100.7	5.1	1.2
1285	4/15/2015 22:01:11	11.89	48.84	31.81	8.99	8.02	5.5	3.434	101.6	4.4	1.0
1286	4/15/2015 22:16:11	11.86	48.87	31.83	9.00	8.02	5.1	3.414	101.8	4.4	1.0
1287	4/15/2015 22:31:11	12.14	48.34	31.46	8.90	8.03	7.3	3.351	100.9	4.3	1.0
1288	4/15/2015 22:46:11	12.37	47.94	31.18	8.89	8.03	6.8	3.281	101.1	10.5	2.5
1289	4/15/2015 23:01:11	12.30	48.08	31.28	8.89	8.03	7.0	3.191	101.0	9.6	2.3
1290	4/15/2015 23:16:11	12.24	48.12	31.30	8.91	8.03	7.3	3.098	101.2	10.3	2.4
1291	4/15/2015 23:31:11	12.63	47.37	30.78	8.79	8.04	7.8	2.991	100.3	8.1	1.9
1292	4/15/2015 23:46:11	12.67	47.28	30.71	8.74	8.03	6.9	2.879	99.8	6.9	1.6
1293	4/16/2015 00:01:11	12.76	47.06	30.56	8.70	8.03	7.5	2.788	99.4	8.0	1.9
1294	4/16/2015 00:16:12	12.76	47.04	30.54	8.65	8.03	6.7	2.682	98.8	7.4	1.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1295	4/16/2015 00:31:11	12.93	46.73	30.32	8.60	8.03	7.7	2.574	98.5	8.7	2.1
1296	4/16/2015 00:46:11	13.12	46.27	30.00	8.54	8.04	10.7	2.452	97.9	6.7	1.6
1297	4/16/2015 01:01:12	12.92	46.64	30.26	8.49	8.03	9.2	2.334	97.2	9.3	2.2
1298	4/16/2015 01:16:11	13.07	46.30	30.02	8.46	8.03	11.5	2.222	96.9	15.8	3.7
1299	4/16/2015 01:31:11	13.21	45.91	29.75	8.37	8.03	13.0	2.112	96.1	11.3	2.7
1300	4/16/2015 01:46:11	13.29	45.91	29.75	8.33	8.03	12.7	1.991	95.7	8.6	2.0
1301	4/16/2015 02:01:11	13.40	45.75	29.64	8.34	8.04	12.7	1.888	96.0	8.1	1.9
1302	4/16/2015 02:16:11	13.36	45.73	29.62	8.31	8.04	12.5	1.769	95.6	9.1	2.1
1303	4/16/2015 02:31:12	13.66	45.33	29.34	8.23	8.04	13.4	1.695	95.1	10.9	2.6
1304	4/16/2015 02:46:11	13.66	45.28	29.31	8.19	8.04	14.0	1.603	94.5	12.9	3.0
1305	4/16/2015 03:01:11	13.72	45.15	29.21	8.15	8.04	13.4	1.542	94.1	10.4	2.4
1306	4/16/2015 03:16:11	13.74	45.13	29.20	8.10	8.03	13.8	1.515	93.6	18.7	4.4
1307	4/16/2015 03:31:11	13.77	45.04	29.14	8.02	8.03	13.4	1.487	92.8	45.8	10.8
1308	4/16/2015 03:46:11	13.71	44.97	29.09	8.04	8.03	12.3	1.503	92.9	4.9	1.2
1309	4/16/2015 04:01:11	13.71	45.04	29.13	8.11	8.03	11.5	1.535	93.7	12.8	3.0
1310	4/16/2015 04:16:11	13.72	45.14	29.21	8.11	8.03	11.5	1.571	93.8	25.0	5.9
1311	4/16/2015 04:31:12	13.69	45.14	29.21	8.12	8.04	10.8	1.633	93.8	11.3	2.7
1312	4/16/2015 04:46:12	13.62	44.87	29.01	8.13	8.03	10.5	1.728	93.6	16.7	3.9
1313	4/16/2015 05:01:12	13.64	44.99	29.10	8.12	8.03	11.6	1.805	93.6	4.8	1.1
1314	4/16/2015 05:16:11	13.61	44.94	29.06	8.15	8.03	10.3	1.889	93.8	7.1	1.7
1315	4/16/2015 05:31:12	13.59	45.04	29.13	8.15	8.03	9.6	1.997	93.9	26.0	6.1
1316	4/16/2015 05:46:11	13.37	45.67	29.58	8.28	8.03	11.1	2.086	95.2	5.0	1.2
1317	4/16/2015 06:01:11	13.29	45.81	29.68	8.30	8.02	10.4	2.180	95.4	6.1	1.4
1318	4/16/2015 06:16:11	13.16	46.14	29.91	8.40	8.02	9.4	2.263	96.4	6.0	1.4
1319	4/16/2015 06:31:11	13.08	46.27	30.00	8.48	8.03	9.7	2.358	97.2	4.0	0.9
1320	4/16/2015 06:46:11	13.00	46.35	30.05	8.51	8.03	8.5	2.447	97.4	4.6	1.1
1321	4/16/2015 07:01:11	12.95	46.59	30.23	8.50	8.03	9.0	2.541	97.3	3.5	0.8
1322	4/16/2015 07:16:11	12.89	46.77	30.35	8.51	8.02	8.9	2.629	97.3	3.6	0.8
1323	4/16/2015 07:31:11	12.74	47.01	30.52	8.54	8.02	10.2	2.707	97.5	3.9	0.9
1324	4/16/2015 07:46:11	12.59	47.22	30.67	8.57	8.02	12.3	2.807	97.6	4.6	1.1
1325	4/16/2015 08:01:11	12.45	47.41	30.80	8.61	8.02	11.5	2.900	97.9	4.2	1.0
1326	4/16/2015 08:16:11	12.34	47.58	30.92	8.66	8.02	9.7	2.981	98.3	6.9	1.6
1327	4/16/2015 08:31:11	12.20	47.65	30.96	8.70	8.01	9.4	3.058	98.5	4.7	1.1
1328	4/16/2015 08:46:12	11.86	48.38	31.47	8.61	8.00	11.4	3.148	97.1	6.1	1.4
1329	4/16/2015 09:01:12	11.52	48.96	31.88	8.52	7.99	10.0	3.218	95.7	5.9	1.4
1330	4/16/2015 09:16:11	11.37	49.25	32.08	8.49	7.98	8.4	3.278	95.1	8.2	1.9
1331	4/16/2015 09:31:11	11.26	49.32	32.13	8.50	7.98	6.8	3.346	95.0	7.2	1.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1332	4/16/2015 09:46:11	11.23	49.48	32.24	8.49	7.98	6.9	3.369	94.9	5.8	1.4
1333	4/16/2015 10:01:11	11.23	49.39	32.18	8.33	7.97	4.2	3.393	93.1	4.7	1.1
1334	4/16/2015 10:16:11	11.28	49.37	32.16	8.44	7.98	5.7	3.384	94.4	4.4	1.0
1335	4/16/2015 10:31:11	11.24	49.50	32.25	8.44	7.97	7.8	3.373	94.4	3.4	0.8
1336	4/16/2015 10:46:12	12.44	48.07	31.28	8.72	8.02	9.4	3.304	99.4	5.0	1.2
1337	4/16/2015 11:01:11	12.54	48.24	31.40	8.91	8.03	7.3	3.237	101.8	5.3	1.2
1338	4/16/2015 11:16:11	12.81	48.09	31.30	8.91	8.03	5.5	3.124	102.4	9.4	2.2
1339	4/16/2015 11:31:11	12.99	47.75	31.06	8.94	8.04	6.5	3.026	103.0	10.5	2.5
1340	4/16/2015 11:46:11	13.13	47.46	30.86	9.01	8.05	5.7	2.928	104.0	8.1	1.9
1341	4/16/2015 12:01:11	13.44	47.26	30.72	9.03	8.06	6.6	2.812	104.8	5.1	1.2
1342	4/16/2015 12:16:11	13.67	47.01	30.56	9.22	8.08	5.9	2.729	107.3	9.2	2.2
1343	4/16/2015 12:31:11	13.87	46.78	30.39	9.27	8.08	6.5	2.617	108.3	6.7	1.6
1344	4/16/2015 12:46:12	14.04	46.45	30.16	9.10	8.08	7.5	2.479	106.4	6.9	1.6
1345	4/16/2015 13:01:11	14.35	46.35	30.09	9.22	8.10	6.7	2.368	108.5	15.7	3.7
1346	4/16/2015 13:16:11	14.54	45.87	29.75	9.09	8.08	7.2	2.277	107.2	18.5	4.4
1347	4/16/2015 13:31:11	14.79	46.04	29.89	9.08	8.09	8.2	2.114	107.8	13.0	3.1
1348	4/16/2015 13:46:11	14.72	45.86	29.75	9.14	8.09	7.8	2.024	108.2	13.0	3.0
1349	4/16/2015 14:01:11	14.96	45.87	29.76	9.05	8.09	8.4	1.881	107.6	10.7	2.5
1350	4/16/2015 14:16:11	15.07	45.64	29.60	9.00	8.09	8.4	1.765	107.2	13.5	3.2
1351	4/16/2015 14:31:11	15.20	45.48	29.49	9.00	8.09	8.0	1.664	107.4	9.7	2.3
1352	4/16/2015 14:46:11	15.39	45.45	29.47	8.96	8.09	9.0	1.567	107.2	9.6	2.2
1353	4/16/2015 15:01:11	15.54	45.33	29.38	8.89	8.09	8.8	1.499	106.7	10.8	2.5
1354	4/16/2015 15:16:11	15.56	45.23	29.32	8.86	8.09	8.3	1.459	106.3	9.7	2.3
1355	4/16/2015 15:31:11	15.57	45.22	29.31	8.87	8.09	7.9	1.384	106.5	28.5	6.7
1356	4/16/2015 15:46:11	15.91	45.30	29.37	8.96	8.09	7.5	1.420	108.3	5.4	1.3
1357	4/16/2015 16:01:11	15.70	45.46	29.48	8.92	8.09	8.4	1.413	107.4	5.5	1.3
1358	4/16/2015 16:16:11	15.43	45.40	29.43	8.86	8.08	7.7	1.421	106.1	5.4	1.3
1359	4/16/2015 16:31:10	15.35	45.32	29.37	8.87	8.08	6.9	1.479	106.0	9.6	2.3
1360	4/16/2015 16:46:11	15.35	45.30	29.36	8.85	8.08	7.6	1.562	105.8	12.2	2.9
1361	4/16/2015 17:01:11	15.22	45.25	29.32	8.80	8.07	6.6	1.659	104.9	16.4	3.9
1362	4/16/2015 17:16:11	15.28	45.20	29.29	8.83	8.07	7.9	1.754	105.4	5.3	1.3
1363	4/16/2015 17:31:11	15.17	45.25	29.32	8.80	8.07	8.6	1.852	104.8	15.1	3.6
1364	4/16/2015 17:46:12	15.03	45.29	29.35	8.78	8.06	8.6	1.955	104.3	50.8	12.0
1365	4/16/2015 18:01:12	14.60	45.68	29.62	8.76	8.05	7.0	2.067	103.4	89.0	21.0
1366	4/16/2015 18:16:11	14.45	45.80	29.70	8.75	8.05	6.7	2.163	103.0	83.0	19.5
1367	4/16/2015 18:31:11	14.19	45.98	29.83	8.76	8.04	6.7	2.270	102.6	39.3	9.2
1368	4/16/2015 18:46:11	14.05	46.32	30.07	8.78	8.05	7.9	2.358	102.7	44.9	10.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1369	4/16/2015 19:01:12	13.93	46.50	30.19	8.83	8.05	7.1	2.493	103.1	7.9	1.9
1370	4/16/2015 19:16:11	13.77	46.72	30.34	8.78	8.04	8.8	2.565	102.3	10.4	2.5
1371	4/16/2015 19:31:11	13.57	47.01	30.55	8.77	8.03	9.8	2.684	101.9	44.0	10.4
1372	4/16/2015 19:46:11	13.39	47.24	30.71	8.79	8.02	13.3	2.806	101.8	42.7	10.1
1373	4/16/2015 20:01:11	13.20	47.41	30.83	8.78	8.02	13.2	2.877	101.4	39.2	9.2
1374	4/16/2015 20:16:11	13.04	47.55	30.92	8.78	8.01	12.3	3.013	101.1	25.7	6.1
1375	4/16/2015 20:31:11	12.47	48.33	31.46	8.66	7.99	13.1	3.074	98.9	13.3	3.1
1376	4/16/2015 20:46:11	11.98	49.07	31.98	8.68	7.97	13.6	3.191	98.4	30.9	7.3
1377	4/16/2015 21:01:11	11.69	49.44	32.24	8.72	7.96	13.7	3.312	98.4	14.6	3.4
1378	4/16/2015 21:16:11	11.50	49.58	32.32	8.73	7.95	12.0	3.443	98.2	6.7	1.6
1379	4/16/2015 21:31:11	11.31	49.81	32.48	8.84	7.95	11.1	3.503	99.2	7.6	1.8
1380	4/16/2015 21:46:11	11.13	49.94	32.57	8.91	7.94	9.8	3.565	99.6	13.3	3.1
1381	4/16/2015 22:01:11	11.02	50.06	32.65	8.97	7.94	7.9	3.614	100.1	7.1	1.7
1382	4/16/2015 22:16:11	10.95	50.01	32.61	8.95	7.94	5.3	3.662	99.7	5.2	1.2
1383	4/16/2015 22:31:11	11.16	49.95	32.58	8.85	7.94	7.3	3.665	99.0	9.0	2.1
1384	4/16/2015 22:46:11	11.03	50.09	32.67	8.89	7.93	8.9	3.676	99.2	4.2	1.0
1385	4/16/2015 23:01:11	11.15	49.98	32.60	8.91	7.95	8.9	3.623	99.7	8.0	1.9
1386	4/16/2015 23:16:12	11.82	48.89	31.84	8.75	7.97	6.8	3.559	98.8	13.0	3.1
1387	4/16/2015 23:31:11	12.11	48.52	31.58	8.75	7.98	6.2	3.489	99.2	11.2	2.6
1388	4/16/2015 23:46:11	12.15	48.48	31.56	8.77	7.99	5.9	3.378	99.5	11.9	2.8
1389	4/17/2015 00:01:11	12.21	48.45	31.54	8.74	7.98	7.1	3.234	99.3	9.8	2.3
1390	4/17/2015 00:16:11	12.40	48.16	31.34	8.65	7.99	8.3	3.153	98.6	11.2	2.6
1391	4/17/2015 00:31:11	12.38	48.10	31.30	8.62	7.98	7.3	3.024	98.1	9.8	2.3
1392	4/17/2015 00:46:11	12.58	48.00	31.23	8.57	7.99	7.5	2.907	98.0	9.7	2.3
1393	4/17/2015 01:01:11	12.72	47.67	31.00	8.55	7.99	6.7	2.782	97.9	9.2	2.2
1394	4/17/2015 01:16:12	12.86	47.53	30.90	8.48	7.99	7.6	2.633	97.2	10.6	2.5
1395	4/17/2015 01:31:12	13.21	46.99	30.53	8.45	8.00	7.6	2.503	97.4	15.4	3.6
1396	4/17/2015 01:46:11	13.58	46.46	30.15	8.49	8.02	8.7	2.390	98.5	14.3	3.4
1397	4/17/2015 02:01:12	13.46	45.60	29.53	8.47	8.01	9.3	2.234	97.6	19.4	4.6
1398	4/17/2015 02:16:12	13.64	46.32	30.05	8.40	8.02	8.9	2.133	97.4	18.1	4.3
1399	4/17/2015 02:31:11	13.73	46.12	29.91	8.42	8.02	8.7	1.981	97.8	9.8	2.3
1400	4/17/2015 02:46:12	13.82	45.59	29.53	8.41	8.02	9.7	1.857	97.5	12.0	2.8
1401	4/17/2015 03:01:12	14.18	44.47	28.74	8.39	8.03	10.2	1.716	97.6	11.3	2.7
1402	4/17/2015 03:16:11	14.31	44.42	28.71	8.39	8.03	10.7	1.603	97.9	13.7	3.2
1403	4/17/2015 03:31:12	14.50	44.24	28.58	8.44	8.04	11.9	1.511	98.7	21.2	5.0
1404	4/17/2015 03:46:12	14.55	44.16	28.52	8.38	8.04	11.1	1.397	98.1	19.8	4.7
1405	4/17/2015 04:01:11	14.62	44.06	28.46	8.37	8.04	10.7	1.369	98.1	38.6	9.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1406	4/17/2015 04:16:11	14.65	44.05	28.45	8.31	8.04	10.3	1.325	97.4	43.9	10.3
1407	4/17/2015 04:31:11	14.55	44.11	28.49	8.22	8.03	9.5	1.298	96.2	4.8	1.1
1408	4/17/2015 04:46:12	14.59	44.11	28.49	8.34	8.04	8.6	1.352	97.6	10.7	2.5
1409	4/17/2015 05:01:11	14.59	44.22	28.57	8.35	8.04	8.5	1.393	97.8	16.5	3.9
1410	4/17/2015 05:16:11	14.56	44.10	28.49	8.39	8.04	7.8	1.464	98.2	4.0	0.9
1411	4/17/2015 05:31:11	14.51	44.34	28.65	8.37	8.04	7.5	1.516	98.0	4.8	1.1
1412	4/17/2015 05:46:12	14.40	44.06	28.45	8.29	8.02	9.7	1.598	96.7	5.7	1.3
1413	4/17/2015 06:01:11	14.38	43.96	28.38	8.30	8.02	7.3	1.708	96.7	5.8	1.4
1414	4/17/2015 06:16:11	14.33	44.12	28.49	8.28	8.01	8.4	1.817	96.4	7.8	1.8
1415	4/17/2015 06:31:11	14.11	44.47	28.74	8.31	8.01	9.6	1.920	96.5	6.9	1.6
1416	4/17/2015 06:46:12	13.94	44.94	29.07	8.31	8.01	7.8	2.013	96.5	11.7	2.8
1417	4/17/2015 07:01:11	13.76	45.17	29.23	8.38	8.00	7.3	2.136	96.9	8.1	1.9
1418	4/17/2015 07:16:11	13.67	45.31	29.33	8.43	8.00	8.1	2.233	97.4	12.2	2.9
1419	4/17/2015 07:31:11	13.52	45.77	29.66	8.51	8.01	8.2	2.320	98.2	6.4	1.5
1420	4/17/2015 07:46:11	13.46	45.83	29.69	8.53	8.01	7.2	2.435	98.4	6.3	1.5
1421	4/17/2015 08:01:12	13.36	45.95	29.78	8.51	8.00	8.3	2.538	98.0	4.4	1.0
1422	4/17/2015 08:16:12	13.19	46.20	29.95	8.50	7.99	9.7	2.625	97.6	4.4	1.0
1423	4/17/2015 08:31:11	13.08	46.40	30.09	8.51	7.99	11.1	2.729	97.6	3.4	0.8
1424	4/17/2015 08:46:11	12.85	46.50	30.16	8.55	7.98	12.0	2.837	97.6	5.6	1.3
1425	4/17/2015 09:01:11	12.66	46.81	30.38	8.60	7.98	12.0	2.923	98.0	5.5	1.3
1426	4/17/2015 09:16:11	12.43	47.08	30.56	8.63	7.97	10.7	3.019	97.9	5.8	1.4
1427	4/17/2015 09:31:12	11.98	47.72	31.00	8.73	7.96	13.3	3.091	98.4	5.3	1.2
1428	4/17/2015 09:46:11	11.73	48.01	31.20	8.87	7.95	12.5	3.175	99.6	5.7	1.3
1429	4/17/2015 10:01:11	11.48	48.51	31.55	8.95	7.94	17.0	3.269	100.2	4.9	1.2
1430	4/17/2015 10:16:12	11.22	48.62	31.62	8.98	7.93	12.4	3.346	100.0	6.4	1.5
1431	4/17/2015 10:31:11	10.97	48.87	31.79	9.02	7.93	12.8	3.399	100.0	5.0	1.2
1432	4/17/2015 10:46:11	10.89	48.95	31.84	9.03	7.92	10.1	3.428	100.0	5.2	1.2
1433	4/17/2015 11:01:11	10.89	48.97	31.85	8.97	7.92	9.7	3.458	99.3	4.2	1.0
1434	4/17/2015 11:16:11	10.90	48.93	31.82	9.00	7.92	8.5	3.438	99.6	4.1	1.0
1435	4/17/2015 11:31:11	10.99	48.87	31.78	9.05	7.93	9.3	3.417	100.4	3.9	0.9
1436	4/17/2015 11:46:12	11.76	48.09	31.26	9.08	7.97	9.5	3.361	102.1	11.8	2.8
1437	4/17/2015 12:01:11	12.67	47.24	30.68	9.23	8.00	6.8	3.279	105.3	7.4	1.7
1438	4/17/2015 12:16:11	12.78	47.11	30.60	9.09	7.99	6.0	3.186	103.9	9.4	2.2
1439	4/17/2015 12:31:11	12.82	47.16	30.63	9.05	7.99	6.5	3.090	103.6	12.7	3.0
1440	4/17/2015 12:46:11	13.19	46.76	30.36	9.07	8.01	5.9	2.978	104.5	9.4	2.2
1441	4/17/2015 13:01:11	13.52	46.45	30.14	9.12	8.02	5.5	2.855	105.5	6.4	1.5
1442	4/17/2015 13:16:11	13.84	46.09	29.90	9.14	8.03	4.8	2.748	106.3	6.5	1.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1443	4/17/2015 13:31:11	13.79	46.56	30.23	9.27	8.04	5.9	2.618	108.0	11.6	2.7
1444	4/17/2015 13:46:11	14.22	45.91	29.77	9.25	8.05	7.0	2.529	108.4	5.2	1.2
1445	4/17/2015 14:01:11	14.33	46.08	29.90	9.31	8.07	6.5	2.396	109.4	7.6	1.8
1446	4/17/2015 14:16:11	14.70	45.11	29.21	9.20	8.06	6.5	2.246	108.4	5.8	1.4
1447	4/17/2015 14:31:12	14.92	45.22	29.29	9.22	8.07	6.2	2.158	109.3	6.6	1.6
1448	4/17/2015 14:46:12	15.05	44.91	29.08	9.16	8.07	7.1	2.045	108.7	9.0	2.1
1449	4/17/2015 15:01:11	15.30	45.14	29.24	9.38	8.09	6.2	1.909	111.9	5.1	1.2
1450	4/17/2015 15:16:11	15.40	44.76	28.98	9.27	8.09	6.3	1.817	110.7	7.1	1.7
1451	4/17/2015 15:31:11	15.63	44.84	29.03	9.30	8.09	6.6	1.713	111.6	9.9	2.3
1452	4/17/2015 15:46:11	15.80	44.81	29.02	9.28	8.10	8.0	1.604	111.7	9.5	2.2
1453	4/17/2015 16:01:11	15.77	44.62	28.88	9.23	8.10	7.4	1.548	110.9	12.5	2.9
1454	4/17/2015 16:16:11	15.85	44.43	28.74	9.21	8.10	7.4	1.489	110.8	5.6	1.3
1455	4/17/2015 16:31:11	15.86	44.27	28.63	9.17	8.09	7.6	1.477	110.2	5.0	1.2
1456	4/17/2015 16:46:11	15.84	44.63	28.88	9.15	8.09	6.8	1.482	110.2	4.1	1.0
1457	4/17/2015 17:01:12	15.78	44.71	28.94	9.18	8.09	8.0	1.508	110.5	4.0	0.9
1458	4/17/2015 17:16:11	15.62	44.69	28.92	9.15	8.08	6.1	1.581	109.6	4.0	0.9
1459	4/17/2015 17:31:11	15.58	44.67	28.91	9.14	8.08	5.5	1.643	109.4	4.3	1.0
1460	4/17/2015 17:46:11	15.47	44.84	29.03	9.10	8.07	6.2	1.730	108.8	4.7	1.1
1461	4/17/2015 18:01:12	15.49	44.46	28.76	9.04	8.06	6.1	1.838	107.9	5.0	1.2
1462	4/17/2015 18:16:11	15.39	44.54	28.81	8.99	8.06	7.1	1.933	107.2	4.4	1.0
1463	4/17/2015 18:31:11	15.26	44.62	28.87	8.99	8.05	6.9	2.040	107.0	4.2	1.0
1464	4/17/2015 18:46:11	14.92	44.99	29.13	8.94	8.04	6.3	2.145	105.8	4.2	1.0
1465	4/17/2015 19:01:11	14.47	45.44	29.45	8.88	8.03	5.6	2.256	104.3	4.0	0.9
1466	4/17/2015 19:16:11	14.18	44.42	28.70	8.86	8.01	6.3	2.348	103.0	5.8	1.4
1467	4/17/2015 19:31:11	13.99	45.26	29.30	8.85	8.01	7.2	2.474	103.0	4.9	1.1
1468	4/17/2015 19:46:11	13.93	45.25	29.29	8.86	8.01	7.5	2.587	102.9	4.8	1.1
1469	4/17/2015 20:01:12	13.65	45.91	29.76	8.83	8.00	9.3	2.689	102.2	4.2	1.0
1470	4/17/2015 20:16:11	13.40	45.32	29.33	8.87	7.99	10.9	2.794	101.9	4.3	1.0
1471	4/17/2015 20:31:11	13.04	45.76	29.63	8.94	7.98	13.3	2.894	102.2	5.7	1.3
1472	4/17/2015 20:46:11	12.88	46.44	30.12	8.94	7.97	11.7	3.008	102.1	5.7	1.3
1473	4/17/2015 21:01:11	12.48	46.34	30.03	8.94	7.96	13.3	3.130	101.2	4.1	1.0
1474	4/17/2015 21:16:11	11.86	47.76	31.03	8.87	7.94	12.6	3.225	99.8	5.2	1.2
1475	4/17/2015 21:31:11	11.51	48.70	31.69	8.91	7.93	14.4	3.342	99.8	11.6	2.7
1476	4/17/2015 21:46:11	11.31	49.28	32.10	8.91	7.92	16.6	3.449	99.7	5.0	1.2
1477	4/17/2015 22:01:12	11.17	48.20	31.31	9.00	7.93	14.7	3.553	99.9	9.2	2.2
1478	4/17/2015 22:16:12	10.98	48.09	31.22	9.08	7.93	10.6	3.636	100.3	4.8	1.1
1479	4/17/2015 22:31:11	10.80	48.41	31.44	9.11	7.94	7.6	3.701	100.4	6.3	1.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1480	4/17/2015 22:46:12	10.69	48.35	31.40	9.08	7.94	6.4	3.764	99.8	4.8	1.1
1481	4/17/2015 23:01:11	10.65	47.72	30.94	9.07	7.95	4.5	3.788	99.3	3.9	0.9
1482	4/17/2015 23:16:11	10.90	47.92	31.09	9.02	7.94	7.5	3.805	99.4	5.6	1.3
1483	4/17/2015 23:31:12	10.79	47.97	31.13	9.02	7.94	8.9	3.773	99.2	9.6	2.3
1484	4/17/2015 23:46:11	10.72	47.95	31.11	9.05	7.94	6.4	3.724	99.4	4.2	1.0
1485	4/18/2015 00:01:11	11.39	47.45	30.78	9.04	7.94	7.3	3.651	100.5	5.7	1.3
1486	4/18/2015 00:16:11	11.52	47.20	30.61	9.05	7.95	6.8	3.553	100.7	7.1	1.7
1487	4/18/2015 00:31:11	12.01	46.60	30.20	8.93	7.96	7.3	3.443	100.2	6.0	1.4
1488	4/18/2015 00:46:11	12.26	46.22	29.94	8.85	7.96	7.0	3.322	99.7	7.2	1.7
1489	4/18/2015 01:01:11	12.30	46.28	29.98	8.82	7.95	7.6	3.192	99.4	10.7	2.5
1490	4/18/2015 01:16:11	13.02	45.44	29.40	8.71	7.97	8.7	3.060	99.3	10.8	2.5
1491	4/18/2015 01:31:11	13.01	45.27	29.28	8.70	7.97	7.3	2.935	99.1	9.3	2.2
1492	4/18/2015 01:46:11	12.85	45.72	29.60	8.69	7.96	6.8	2.796	98.9	10.4	2.5
1493	4/18/2015 02:01:11	13.12	45.48	29.43	8.59	7.97	8.1	2.651	98.2	15.1	3.5
1494	4/18/2015 02:16:12	13.14	45.31	29.31	8.61	7.97	7.4	2.517	98.4	19.3	4.5
1495	4/18/2015 02:31:12	13.73	44.18	28.52	8.59	7.99	8.3	2.387	98.9	12.2	2.9
1496	4/18/2015 02:46:11	13.83	44.47	28.73	8.54	7.99	8.3	2.230	98.6	10.7	2.5
1497	4/18/2015 03:01:11	13.85	44.48	28.74	8.51	7.99	9.4	2.072	98.3	18.9	4.5
1498	4/18/2015 03:16:12	14.26	44.03	28.43	8.41	8.00	10.1	1.923	97.8	14.6	3.4
1499	4/18/2015 03:31:11	14.35	43.83	28.29	8.38	8.00	9.8	1.785	97.5	9.2	2.2
1500	4/18/2015 03:46:12	14.45	43.89	28.33	8.39	8.00	10.5	1.630	97.9	9.5	2.2
1501	4/18/2015 04:01:11	14.75	43.58	28.12	8.40	8.01	10.8	1.492	98.5	8.2	1.9
1502	4/18/2015 04:16:11	14.95	43.10	27.78	8.40	8.02	10.6	1.356	98.6	8.7	2.1
1503	4/18/2015 04:31:11	15.14	42.93	27.66	8.36	8.02	9.7	1.242	98.5	6.5	1.5
1504	4/18/2015 04:46:11	15.21	42.86	27.61	8.29	8.02	14.9	1.152	97.8	4.5	1.1
1505	4/18/2015 05:01:11	15.26	42.72	27.51	8.24	8.01	12.1	1.090	97.3	5.1	1.2
1506	4/18/2015 05:16:12	15.20	42.98	27.70	8.19	8.01	12.9	1.071	96.6	4.1	1.0
1507	4/18/2015 05:31:12	15.13	43.05	27.74	8.23	8.01	9.1	1.091	97.1	4.0	0.9
1508	4/18/2015 05:46:11	15.08	42.89	27.63	8.26	8.01	8.0	1.181	97.2	4.3	1.0
1509	4/18/2015 06:01:11	15.05	43.10	27.78	8.30	8.01	11.1	1.257	97.7	3.9	0.9
1510	4/18/2015 06:16:11	15.03	44.59	28.84	8.27	8.01	8.3	1.365	98.0	17.7	4.2
1511	4/18/2015 06:31:11	14.94	42.80	27.56	8.26	8.00	10.7	1.461	96.9	4.0	0.9
1512	4/18/2015 06:46:11	14.93	43.12	27.79	8.25	8.00	9.8	1.557	96.8	4.2	1.0
1513	4/18/2015 07:01:11	14.86	43.18	27.83	8.23	7.99	9.4	1.658	96.6	5.1	1.2
1514	4/18/2015 07:16:12	14.79	43.24	27.87	8.26	7.99	8.7	1.760	96.8	3.8	0.9
1515	4/18/2015 07:31:12	14.45	43.93	28.36	8.31	7.99	10.2	1.860	97.0	2.5	0.6
1516	4/18/2015 07:46:11	14.36	44.03	28.43	8.33	7.98	7.8	1.971	97.1	4.0	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1517	4/18/2015 08:01:11	14.18	44.43	28.71	8.39	7.98	8.7	2.066	97.5	3.8	0.9
1518	4/18/2015 08:16:11	13.93	44.47	28.73	8.52	7.98	8.3	2.190	98.6	3.2	0.8
1519	4/18/2015 08:31:12	13.84	44.60	28.82	8.53	7.98	8.1	2.304	98.6	3.4	0.8
1520	4/18/2015 08:46:11	13.72	44.67	28.87	8.55	7.98	9.3	2.405	98.6	3.2	0.8
1521	4/18/2015 09:01:11	13.55	44.77	28.94	8.57	7.97	10.1	2.514	98.5	3.3	0.8
1522	4/18/2015 09:16:12	13.39	44.89	29.02	8.58	7.96	10.5	2.614	98.4	3.1	0.7
1523	4/18/2015 09:31:13	13.20	45.27	29.29	8.60	7.96	14.1	2.712	98.4	3.9	0.9
1524	4/18/2015 09:46:12	12.98	45.28	29.29	8.67	7.96	12.7	2.810	98.7	4.5	1.1
1525	4/18/2015 10:01:11	12.68	45.62	29.52	8.72	7.95	12.8	2.916	98.8	3.8	0.9
1526	4/18/2015 10:16:11	12.18	46.09	29.84	8.83	7.94	14.7	3.017	99.2	4.4	1.0
1527	4/18/2015 10:31:11	11.84	46.63	30.21	8.89	7.94	13.9	3.115	99.4	5.2	1.2
1528	4/18/2015 10:46:11	11.68	46.99	30.47	8.90	7.94	12.6	3.200	99.3	7.5	1.8
1529	4/18/2015 11:01:11	11.44	47.42	30.76	8.89	7.93	12.9	3.286	98.9	6.9	1.6
1530	4/18/2015 11:16:11	11.18	47.46	30.78	8.90	7.93	9.8	3.361	98.5	5.8	1.4
1531	4/18/2015 11:31:12	10.86	47.64	30.89	8.88	7.92	8.8	3.414	97.6	4.3	1.0
1532	4/18/2015 11:46:11	10.76	47.89	31.07	8.86	7.92	6.5	3.446	97.4	19.4	4.6
1533	4/18/2015 12:01:11	10.83	47.83	31.03	8.81	7.92	5.9	3.463	96.9	3.9	0.9
1534	4/18/2015 12:16:11	10.70	47.94	31.10	8.83	7.91	6.4	3.463	96.9	4.9	1.2
1535	4/18/2015 12:31:11	10.74	48.09	31.20	8.84	7.91	9.7	3.423	97.2	3.6	0.8
1536	4/18/2015 12:46:11	11.68	47.28	30.67	8.94	7.94	9.1	3.338	99.9	3.6	0.9
1537	4/18/2015 13:01:11	12.22	46.94	30.45	9.06	7.96	8.9	3.251	102.3	3.5	0.8
1538	4/18/2015 13:16:12	12.40	46.89	30.42	9.14	7.96	7.2	3.159	103.5	7.0	1.7
1539	4/18/2015 13:31:11	13.22	46.25	29.99	9.17	7.99	6.5	3.027	105.3	5.9	1.4
1540	4/18/2015 13:46:11	13.42	45.95	29.78	9.29	8.01	5.8	2.913	107.1	3.9	0.9
1541	4/18/2015 14:01:11	13.81	45.63	29.56	9.23	8.01	7.5	2.808	107.1	5.2	1.2
1542	4/18/2015 14:16:12	13.79	46.13	29.92	9.40	8.03	6.4	2.692	109.3	5.9	1.4
1543	4/18/2015 14:31:12	14.15	45.56	29.52	9.45	8.04	5.9	2.597	110.4	5.4	1.3
1544	4/18/2015 14:46:11	14.04	45.63	29.57	9.75	8.06	5.3	2.471	113.6	5.7	1.3
1545	4/18/2015 15:01:11	14.74	44.94	29.09	9.40	8.05	6.5	2.355	110.8	7.1	1.7
1546	4/18/2015 15:16:11	15.16	44.45	28.74	9.25	8.05	6.1	2.238	109.7	7.4	1.7
1547	4/18/2015 15:31:10	15.41	43.88	28.34	9.27	8.05	6.2	2.123	110.3	8.6	2.0
1548	4/18/2015 15:46:11	15.53	44.03	28.45	9.51	8.07	6.7	2.010	113.5	6.1	1.4
1549	4/18/2015 16:01:11	15.69	44.09	28.49	9.36	8.07	6.4	1.920	112.1	5.8	1.4
1550	4/18/2015 16:16:11	15.93	43.97	28.41	9.28	8.07	7.5	1.805	111.6	5.4	1.3
1551	4/18/2015 16:31:11	16.05	43.56	28.12	9.22	8.07	8.2	1.732	110.9	5.5	1.3
1552	4/18/2015 16:46:11	16.18	43.41	28.02	9.12	8.06	8.4	1.661	110.0	8.6	2.0
1553	4/18/2015 17:01:11	16.21	43.00	27.72	8.94	8.05	9.3	1.613	107.7	7.0	1.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1554	4/18/2015 17:16:11	16.25	43.58	28.14	8.83	8.05	8.9	1.585	106.7	9.8	2.3
1555	4/18/2015 17:31:11	16.20	43.81	28.30	8.85	8.04	8.3	1.603	107.0	3.4	0.8
1556	4/18/2015 17:46:11	16.15	43.72	28.23	9.01	8.05	7.9	1.633	108.8	5.1	1.2
1557	4/18/2015 18:01:11	16.04	43.76	28.27	9.05	8.05	7.5	1.680	109.0	5.2	1.2
1558	4/18/2015 18:16:11	15.96	43.66	28.19	9.04	8.05	7.2	1.753	108.6	5.0	1.2
1559	4/18/2015 18:31:11	16.00	44.01	28.44	8.98	8.03	7.2	1.838	108.1	4.8	1.1
1560	4/18/2015 18:46:11	16.00	43.86	28.34	8.97	8.03	7.5	1.950	107.9	4.4	1.0
1561	4/18/2015 19:01:11	15.62	43.30	27.93	9.09	8.03	6.9	2.068	108.3	4.1	1.0
1562	4/18/2015 19:16:11	15.22	43.94	28.38	9.09	8.02	7.0	2.167	107.7	4.3	1.0
1563	4/18/2015 19:31:11	14.75	44.46	28.75	9.03	8.01	7.6	2.265	106.3	3.5	0.8
1564	4/18/2015 19:46:11	14.42	44.89	29.05	8.96	7.99	8.0	2.391	105.0	4.7	1.1
1565	4/18/2015 20:01:11	14.18	46.02	29.85	8.88	7.99	6.1	2.482	104.0	4.1	1.0
1566	4/18/2015 20:16:12	14.08	45.42	29.42	8.90	7.99	7.2	2.587	103.8	3.5	0.8
1567	4/18/2015 20:31:11	13.88	45.48	29.45	8.91	7.98	8.7	2.693	103.5	3.5	0.8
1568	4/18/2015 20:46:11	13.58	46.43	30.13	8.88	7.97	10.6	2.809	102.9	4.9	1.2
1569	4/18/2015 21:01:12	13.13	46.59	30.23	8.91	7.96	12.2	2.920	102.3	4.4	1.0
1570	4/18/2015 21:16:11	12.82	46.72	30.32	8.92	7.95	11.7	3.030	101.9	6.5	1.5
1571	4/18/2015 21:31:11	12.31	46.51	30.14	8.92	7.94	10.9	3.141	100.7	5.5	1.3
1572	4/18/2015 21:46:11	11.80	46.88	30.39	8.86	7.93	13.2	3.259	99.1	8.8	2.1
1573	4/18/2015 22:01:12	11.38	47.26	30.65	8.77	7.92	14.4	3.378	97.3	8.8	2.1
1574	4/18/2015 22:16:11	11.11	47.50	30.80	8.67	7.91	13.8	3.487	95.8	8.7	2.1
1575	4/18/2015 22:31:11	10.91	47.98	31.14	8.55	7.90	13.1	3.594	94.3	17.8	4.2
1576	4/18/2015 22:46:11	10.68	48.18	31.27	8.55	7.90	13.7	3.690	93.9	8.7	2.1
1577	4/18/2015 23:01:11	10.49	46.28	29.90	8.77	7.90	10.3	3.775	95.1	6.3	1.5
1578	4/18/2015 23:16:11	10.41	46.10	29.76	8.86	7.91	7.2	3.852	95.7	4.5	1.1
1579	4/18/2015 23:31:11	10.38	46.32	29.92	8.88	7.91	7.1	3.898	96.1	5.0	1.2
1580	4/18/2015 23:46:11	10.37	45.79	29.54	8.83	7.91	5.1	3.925	95.2	13.0	3.1
1581	4/19/2015 00:01:11	10.60	42.59	27.28	8.89	7.91	7.1	3.934	95.0	32.0	7.5
1582	4/19/2015 00:16:11	10.66	44.60	28.70	8.80	7.91	9.4	3.895	95.0	3.9	0.9
1583	4/19/2015 00:31:11	10.60	45.95	29.66	8.78	7.91	7.5	3.827	95.2	4.7	1.1
1584	4/19/2015 00:46:11	10.86	44.43	28.59	8.80	7.91	7.0	3.751	95.4	6.3	1.5
1585	4/19/2015 01:01:11	11.29	44.09	28.37	8.88	7.93	6.8	3.642	97.0	6.7	1.6
1586	4/19/2015 01:16:11	11.83	45.28	29.24	8.77	7.94	7.8	3.523	97.5	7.3	1.7
1587	4/19/2015 01:31:10	12.20	44.62	28.78	8.75	7.94	9.1	3.397	97.7	21.2	5.0
1588	4/19/2015 01:46:11	12.92	44.58	28.79	8.73	7.96	10.2	3.251	99.0	8.1	1.9
1589	4/19/2015 02:01:11	13.25	43.72	28.18	8.76	7.97	8.7	3.107	99.6	10.4	2.4
1590	4/19/2015 02:16:11	13.35	43.61	28.10	8.75	7.97	8.1	2.987	99.7	8.4	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	Fluorescence %FS
1591	4/19/2015 02:31:11	13.37	42.91	27.61	8.73	7.96	6.7	2.839	99.2	6.6	1.6
1592	4/19/2015 02:46:11	13.30	43.43	27.97	8.69	7.96	6.7	2.699	98.8	9.9	2.3
1593	4/19/2015 03:01:11	13.64	43.40	27.96	8.62	7.97	7.1	2.548	98.7	8.4	2.0
1594	4/19/2015 03:16:12	13.69	43.71	28.18	8.56	7.97	8.6	2.404	98.3	7.6	1.8
1595	4/19/2015 03:31:11	13.91	43.19	27.82	8.54	7.97	8.0	2.252	98.2	15.1	3.5
1596	4/19/2015 03:46:11	13.92	44.00	28.39	8.45	7.97	8.3	2.084	97.6	16.0	3.8
1597	4/19/2015 04:01:11	14.20	42.80	27.55	8.47	7.97	10.1	1.943	97.9	9.7	2.3
1598	4/19/2015 04:16:11	14.22	39.63	25.30	8.58	7.97	10.8	1.788	97.8	5.3	1.3
1599	4/19/2015 04:31:11	14.57	42.62	27.43	8.43	7.98	10.8	1.626	98.0	6.8	1.6
1600	4/19/2015 04:46:11	14.62	41.90	26.91	8.43	7.98	11.7	1.471	97.8	7.0	1.6
1601	4/19/2015 05:01:12	15.04	39.95	25.54	8.42	7.99	11.4	1.326	97.8	11.0	2.6
1602	4/19/2015 05:16:11	15.10	40.55	25.97	8.35	7.99	11.4	1.195	97.3	7.9	1.9
1603	4/19/2015 05:31:11	15.16	40.27	25.77	8.29	7.98	11.5	1.079	96.5	5.5	1.3
1604	4/19/2015 05:46:10	15.16	40.90	26.21	8.24	7.98	10.7	1.001	96.2	6.5	1.5
1605	4/19/2015 06:01:12	15.03	41.04	26.31	8.07	7.97	9.6	0.974	94.1	5.5	1.3
1606	4/19/2015 06:16:12	15.07	40.69	26.07	8.21	7.98	9.7	0.994	95.6	4.3	1.0
1607	4/19/2015 06:31:12	15.04	41.30	26.49	8.20	7.98	8.5	1.082	95.7	4.7	1.1
1608	4/19/2015 06:46:11	15.04	41.86	26.89	8.23	7.98	9.1	1.157	96.3	3.5	0.8
1609	4/19/2015 07:01:12	15.01	41.38	26.55	8.30	7.98	8.6	1.270	96.9	3.2	0.8
1610	4/19/2015 07:16:11	14.92	40.89	26.20	8.26	7.97	9.9	1.372	96.0	3.1	0.7
1611	4/19/2015 07:31:11	14.92	41.65	26.74	8.25	7.97	8.9	1.477	96.3	3.2	0.7
1612	4/19/2015 07:46:11	14.85	41.01	26.29	8.26	7.96	8.4	1.577	95.9	2.5	0.6
1613	4/19/2015 08:01:11	14.82	40.44	25.88	8.31	7.96	9.5	1.671	96.2	2.8	0.7
1614	4/19/2015 08:16:11	14.43	41.52	26.64	8.38	7.96	9.1	1.771	96.7	2.8	0.7
1615	4/19/2015 08:31:12	14.51	41.50	26.63	8.35	7.96	8.3	1.883	96.6	2.8	0.7
1616	4/19/2015 08:46:11	14.08	41.86	26.87	8.50	7.96	8.7	1.990	97.5	3.2	0.8
1617	4/19/2015 09:01:10	14.00	42.32	27.20	8.56	7.96	8.5	2.105	98.3	3.4	0.8
1618	4/19/2015 09:16:11	13.94	42.12	27.05	8.62	7.96	7.9	2.221	98.8	2.7	0.6
1619	4/19/2015 09:31:11	13.82	42.81	27.54	8.64	7.96	10.5	2.331	99.0	3.3	0.8
1620	4/19/2015 09:46:11	13.63	41.84	26.85	8.69	7.95	11.2	2.450	98.8	3.3	0.8
1621	4/19/2015 10:01:11	13.51	41.97	26.94	8.70	7.95	11.2	2.556	98.7	3.5	0.8
1622	4/19/2015 10:16:12	13.36	43.02	27.68	8.68	7.95	12.9	2.661	98.6	3.4	0.8
1623	4/19/2015 10:31:11	13.15	43.70	28.16	8.68	7.94	12.5	2.766	98.5	3.6	0.9
1624	4/19/2015 10:46:11	12.59	45.09	29.14	8.59	7.93	14.6	2.873	96.9	4.5	1.0
1625	4/19/2015 11:01:12	12.05	45.08	29.11	8.48	7.91	14.4	2.981	94.6	3.6	0.8
1626	4/19/2015 11:16:12	11.81	45.51	29.41	8.40	7.91	14.5	3.078	93.4	4.9	1.2
1627	4/19/2015 11:31:11	11.72	45.65	29.50	8.36	7.91	15.6	3.181	92.8	5.2	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	Fluorescence %FS
1628	4/19/2015 11:46:11	11.55	45.71	29.54	8.32	7.90	15.6	3.269	92.1	5.4	1.3
1629	4/19/2015 12:01:11	11.33	46.02	29.75	8.25	7.90	13.3	3.352	91.0	4.4	1.0
1630	4/19/2015 12:16:11	10.96	46.47	30.06	8.21	7.89	11.3	3.423	90.0	3.8	0.9
1631	4/19/2015 12:31:11	10.78	46.68	30.19	8.19	7.88	9.2	3.464	89.5	4.1	1.0
1632	4/19/2015 12:46:11	10.72	45.98	29.69	8.17	7.88	6.4	3.502	88.9	5.7	1.3
1633	4/19/2015 13:01:11	11.00	46.71	30.23	8.17	7.89	9.2	3.503	89.7	4.9	1.1
1634	4/19/2015 13:16:12	10.75	46.02	29.72	8.19	7.88	7.3	3.475	89.2	6.8	1.6
1635	4/19/2015 13:31:11	10.78	46.20	29.85	8.17	7.88	8.7	3.423	89.1	3.1	0.7
1636	4/19/2015 13:46:12	11.57	46.73	30.27	8.29	7.91	9.0	3.338	92.2	3.2	0.8
1637	4/19/2015 14:01:12	12.49	46.21	29.94	8.80	7.95	7.3	3.256	99.6	4.7	1.1
1638	4/19/2015 14:16:11	12.77	45.89	29.72	8.72	7.95	5.9	3.152	99.1	3.8	0.9
1639	4/19/2015 14:31:11	13.31	44.61	28.82	8.97	7.97	6.2	3.039	102.5	4.4	1.0
1640	4/19/2015 14:46:11	13.81	43.29	27.89	9.15	7.99	6.8	2.932	105.1	4.4	1.0
1641	4/19/2015 15:01:12	13.92	43.29	27.89	9.19	8.00	5.9	2.817	105.8	5.3	1.2
1642	4/19/2015 15:16:11	14.12	45.28	29.32	9.19	8.01	6.5	2.702	107.1	5.4	1.3
1643	4/19/2015 15:31:12	14.05	45.25	29.30	9.36	8.02	5.7	2.593	109.0	6.2	1.5
1644	4/19/2015 15:46:11	14.18	44.64	28.86	9.53	8.04	5.5	2.488	110.9	4.9	1.2
1645	4/19/2015 16:01:11	15.10	43.44	28.02	9.33	8.04	6.2	2.377	110.1	4.6	1.1
1646	4/19/2015 16:16:11	15.20	44.62	28.87	9.31	8.04	5.9	2.279	110.7	4.9	1.2
1647	4/19/2015 16:31:11	15.39	44.66	28.90	9.40	8.05	6.6	2.190	112.1	4.1	1.0
1648	4/19/2015 16:46:11	15.42	44.56	28.83	9.43	8.06	6.9	2.092	112.5	5.6	1.3
1649	4/19/2015 17:01:11	15.46	43.14	27.81	9.45	8.06	7.5	1.993	112.2	6.3	1.5
1650	4/19/2015 17:16:11	15.79	40.47	25.92	9.49	8.06	6.6	1.911	112.1	6.4	1.5
1651	4/19/2015 17:31:11	16.03	39.57	25.28	9.40	8.06	6.9	1.851	111.2	4.6	1.1
1652	4/19/2015 17:46:11	16.17	41.54	26.68	9.24	8.05	7.8	1.786	110.4	7.4	1.8
1653	4/19/2015 18:01:11	16.23	41.63	26.75	9.15	8.05	8.1	1.751	109.5	4.5	1.1
1654	4/19/2015 18:16:10	16.20	41.81	26.87	9.08	8.05	6.6	1.765	108.7	3.4	0.8
1655	4/19/2015 18:31:11	16.06	41.93	26.96	9.19	8.05	7.5	1.786	109.8	2.9	0.7
1656	4/19/2015 18:46:11	15.99	42.11	27.09	9.19	8.05	7.8	1.826	109.8	3.4	0.8
1657	4/19/2015 19:01:10	15.87	43.29	27.93	9.17	8.04	7.5	1.897	109.8	3.4	0.8
1658	4/19/2015 19:16:11	15.93	43.34	27.96	9.09	8.02	7.8	1.988	109.1	3.2	0.8
1659	4/19/2015 19:31:11	15.93	42.49	27.35	9.10	8.01	8.1	2.090	108.8	3.3	0.8
1660	4/19/2015 19:46:11	15.63	43.28	27.92	9.16	8.02	7.5	2.198	109.1	2.9	0.7
1661	4/19/2015 20:01:10	15.17	43.63	28.16	9.10	8.00	7.7	2.304	107.5	4.1	1.0
1662	4/19/2015 20:16:12	14.67	43.69	28.19	8.97	7.99	8.3	2.404	105.1	3.4	0.8
1663	4/19/2015 20:31:11	14.24	43.79	28.25	8.88	7.97	7.5	2.506	103.1	3.5	0.8
1664	4/19/2015 20:46:11	14.08	43.96	28.37	8.87	7.97	7.9	2.608	102.7	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	Fluorescence %FS
1665	4/19/2015 21:01:12	13.97	44.37	28.66	8.83	7.97	8.9	2.710	102.2	4.9	1.2
1666	4/19/2015 21:16:12	13.63	44.27	28.58	8.76	7.95	10.8	2.806	100.7	3.6	0.8
1667	4/19/2015 21:31:11	13.30	45.11	29.18	8.67	7.94	10.7	2.917	99.3	3.2	0.8
1668	4/19/2015 21:46:11	12.79	44.45	28.68	8.66	7.93	10.8	3.021	97.8	3.9	0.9
1669	4/19/2015 22:01:11	12.43	45.07	29.12	8.59	7.92	10.5	3.132	96.6	4.1	1.0
1670	4/19/2015 22:16:11	12.10	45.40	29.34	8.53	7.91	9.9	3.254	95.4	4.0	0.9
1671	4/19/2015 22:31:11	11.57	45.29	29.24	8.49	7.90	12.1	3.371	93.8	4.4	1.0
1672	4/19/2015 22:46:11	11.20	46.03	29.75	8.42	7.89	13.4	3.479	92.5	5.1	1.2
1673	4/19/2015 23:01:11	11.00	43.63	28.03	8.47	7.89	14.2	3.590	91.7	5.3	1.2
1674	4/19/2015 23:16:11	10.82	45.24	29.17	8.33	7.89	11.3	3.689	90.5	5.6	1.3
1675	4/19/2015 23:31:11	10.69	44.88	28.91	8.28	7.90	9.4	3.773	89.5	7.2	1.7
1676	4/19/2015 23:46:11	10.63	49.09	31.92	8.12	7.91	6.5	3.838	89.4	23.2	5.5
1677	4/20/2015 00:01:11	10.52	45.15	29.09	8.27	7.91	7.2	3.904	89.3	7.2	1.7
1678	4/20/2015 00:16:12	10.50	45.41	29.27	8.23	7.91	6.9	3.940	88.9	6.7	1.6
1679	4/20/2015 00:31:11	10.55	45.21	29.13	8.16	7.91	6.2	3.958	88.1	4.8	1.1
1680	4/20/2015 00:46:11	10.68	44.65	28.74	8.19	7.90	5.9	3.946	88.5	4.9	1.2
1681	4/20/2015 01:01:12	10.66	45.27	29.18	8.21	7.90	8.6	3.905	88.9	4.3	1.0
1682	4/20/2015 01:16:12	10.71	47.00	30.42	8.14	7.90	7.9	3.834	88.9	5.2	1.2
1683	4/20/2015 01:31:11	11.04	47.27	30.63	8.24	7.90	7.7	3.747	90.8	4.3	1.0
1684	4/20/2015 01:46:11	11.38	47.30	30.67	8.26	7.91	6.1	3.634	91.8	4.6	1.1
1685	4/20/2015 02:01:11	11.58	46.14	29.85	8.37	7.91	6.5	3.521	92.9	4.4	1.0
1686	4/20/2015 02:16:11	12.27	46.20	29.92	8.38	7.92	8.1	3.397	94.4	5.2	1.2
1687	4/20/2015 02:31:11	12.88	45.73	29.61	8.45	7.94	8.6	3.258	96.2	5.3	1.2
1688	4/20/2015 02:46:12	13.28	44.57	28.78	8.50	7.95	9.0	3.123	97.1	4.1	1.0
1689	4/20/2015 03:01:11	13.46	43.85	28.28	8.52	7.95	8.9	2.987	97.3	4.7	1.1
1690	4/20/2015 03:16:12	13.35	44.04	28.41	8.49	7.94	8.3	2.844	96.9	5.5	1.3
1691	4/20/2015 03:31:12	13.64	44.31	28.61	8.44	7.95	6.8	2.711	97.0	5.5	1.3
1692	4/20/2015 03:46:11	13.93	41.32	26.49	8.51	7.95	7.4	2.562	97.1	5.6	1.3
1693	4/20/2015 04:01:12	14.20	38.36	24.41	8.55	7.96	9.2	2.409	96.8	6.2	1.5
1694	4/20/2015 04:16:11	14.08	40.16	25.67	8.49	7.95	8.1	2.265	96.7	5.0	1.2
1695	4/20/2015 04:31:11	14.10	37.11	23.53	8.55	7.95	8.1	2.092	96.2	6.4	1.5
1696	4/20/2015 04:46:12	14.53	37.50	23.81	8.44	7.95	9.7	1.948	96.0	9.5	2.2
1697	4/20/2015 05:01:11	14.47	37.20	23.60	8.48	7.95	10.2	1.794	96.2	8.3	2.0
1698	4/20/2015 05:16:11	14.62	37.38	23.73	8.46	7.95	10.9	1.627	96.3	5.3	1.2
1699	4/20/2015 05:31:11	15.18	36.98	23.45	8.46	7.97	11.6	1.475	97.2	4.9	1.1
1700	4/20/2015 05:46:10	15.36	35.78	22.62	8.43	7.97	12.9	1.328	96.7	4.3	1.0
1701	4/20/2015 06:01:11	15.52	35.09	22.14	8.38	7.96	12.8	1.192	96.2	6.9	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	Fluorescence %FS
1702	4/20/2015 06:16:11	15.71	35.13	22.17	8.26	7.96	13.0	1.078	95.2	6.1	1.4
1703	4/20/2015 06:31:12	15.74	34.44	21.69	8.22	7.96	13.3	0.982	94.6	6.4	1.5
1704	4/20/2015 06:46:11	15.62	34.50	21.73	8.12	7.94	11.6	0.950	93.2	4.2	1.0
1705	4/20/2015 07:01:11	15.64	34.93	22.03	8.22	7.95	12.3	0.973	94.5	3.2	0.8
1706	4/20/2015 07:16:11	15.57	35.36	22.33	8.24	7.95	11.5	1.031	94.7	3.1	0.7
1707	4/20/2015 07:31:10	15.56	35.91	22.71	8.27	7.96	9.7	1.134	95.3	3.2	0.8
1708	4/20/2015 07:46:11	15.53	35.19	22.21	8.36	7.96	8.6	1.240	96.0	3.3	0.8
1709	4/20/2015 08:01:11	15.45	35.96	22.74	8.26	7.94	11.3	1.329	95.0	3.4	0.8
1710	4/20/2015 08:16:12	15.44	36.03	22.79	8.22	7.94	9.2	1.430	94.6	16.5	3.9
1711	4/20/2015 08:31:12	15.40	36.32	23.00	8.19	7.94	10.0	1.534	94.2	3.2	0.8
1712	4/20/2015 08:46:11	15.35	36.26	22.96	8.25	7.94	9.7	1.633	94.9	3.1	0.7
1713	4/20/2015 09:01:11	14.79	37.08	23.52	8.40	7.94	10.7	1.731	95.9	3.4	0.8
1714	4/20/2015 09:16:11	14.79	37.59	23.87	8.39	7.94	9.8	1.840	95.9	3.2	0.7
1715	4/20/2015 09:31:11	14.56	38.03	24.18	8.43	7.94	7.9	1.956	96.1	2.5	0.6
1716	4/20/2015 09:46:12	14.36	35.53	22.43	8.61	7.94	8.1	2.077	96.7	3.1	0.7
1717	4/20/2015 10:01:11	14.23	37.89	24.08	8.55	7.94	7.9	2.183	96.8	2.4	0.6
1718	4/20/2015 10:16:11	14.15	35.46	22.38	8.67	7.94	8.7	2.301	96.9	2.8	0.6
1719	4/20/2015 10:31:12	13.97	36.33	22.98	8.64	7.93	10.1	2.416	96.6	3.2	0.8
1720	4/20/2015 10:46:12	13.76	37.31	23.67	8.60	7.93	10.6	2.528	96.1	2.6	0.6
1721	4/20/2015 11:01:11	13.63	37.07	23.49	8.61	7.93	11.5	2.629	95.9	3.3	0.8
1722	4/20/2015 11:16:12	13.41	38.00	24.14	8.67	7.93	13.5	2.729	96.4	3.0	0.7
1723	4/20/2015 11:31:11	13.20	37.72	23.93	8.64	7.92	13.4	2.827	95.6	4.5	1.1
1724	4/20/2015 11:46:12	12.49	38.13	24.21	8.60	7.92	13.0	2.934	93.9	5.8	1.4
1725	4/20/2015 12:01:11	12.00	37.54	23.78	8.61	7.91	11.7	3.027	92.7	4.3	1.0
1726	4/20/2015 12:16:11	11.84	39.84	25.39	8.53	7.91	11.5	3.118	92.5	5.5	1.3
1727	4/20/2015 12:31:11	11.74	38.20	24.23	8.64	7.92	12.6	3.213	92.9	5.9	1.4
1728	4/20/2015 12:46:11	11.59	41.43	26.50	8.61	7.92	12.5	3.286	93.5	5.9	1.4
1729	4/20/2015 13:01:11	11.42	42.19	27.03	8.72	7.94	9.2	3.355	94.7	6.8	1.6
1730	4/20/2015 13:16:12	11.34	41.51	26.54	8.84	7.95	8.0	3.418	95.5	7.9	1.9
1731	4/20/2015 13:31:11	11.25	40.61	25.91	8.96	7.96	4.2	3.461	96.3	5.1	1.2
1732	4/20/2015 13:46:11	11.59	39.66	25.25	8.95	7.96	5.0	3.469	96.5	5.4	1.3
1733	4/20/2015 14:01:11	11.32	42.04	26.92	8.81	7.95	5.1	3.464	95.5	5.9	1.4
1734	4/20/2015 14:16:11	11.29	41.39	26.45	8.95	7.96	7.2	3.417	96.6	4.9	1.1
1735	4/20/2015 14:31:11	11.56	43.80	28.17	8.76	7.95	6.4	3.356	96.2	5.5	1.3
1736	4/20/2015 14:46:10	12.27	42.07	26.97	8.96	7.97	6.2	3.271	99.1	5.0	1.2
1737	4/20/2015 15:01:11	12.07	42.35	27.17	9.16	7.98	5.7	3.168	100.9	6.7	1.6
1738	4/20/2015 15:16:11	12.75	41.51	26.59	8.94	7.96	5.8	3.065	99.6	5.5	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	Fluorescence %FS
1739	4/20/2015 15:31:11	12.96	41.40	26.52	8.91	7.96	5.4	2.969	99.7	4.7	1.1
1740	4/20/2015 15:46:12	13.09	41.37	26.50	8.90	7.97	5.4	2.867	99.8	4.9	1.2
1741	4/20/2015 16:01:11	13.37	40.80	26.10	8.91	7.97	5.6	2.768	100.2	4.6	1.1
1742	4/20/2015 16:16:11	13.38	41.59	26.67	8.96	7.98	5.0	2.668	101.2	4.0	0.9
1743	4/20/2015 16:31:12	13.60	41.14	26.36	8.95	7.98	5.6	2.576	101.4	5.5	1.3
1744	4/20/2015 16:46:11	13.73	41.23	26.42	9.06	7.99	5.6	2.472	103.0	8.0	1.9
1745	4/20/2015 17:01:11	14.01	38.61	24.58	9.19	7.99	5.4	2.379	103.8	7.6	1.8
1746	4/20/2015 17:16:11	14.50	40.44	25.87	8.91	7.99	6.5	2.293	102.5	9.3	2.2
1747	4/20/2015 17:31:11	14.40	39.75	25.39	8.96	7.99	6.0	2.215	102.6	12.6	3.0
1748	4/20/2015 17:46:11	14.83	40.17	25.69	8.82	7.99	16.0	2.123	102.0	5.5	1.3
1749	4/20/2015 18:01:11	14.70	41.51	26.64	8.87	8.00	6.5	2.046	103.0	4.8	1.1
1750	4/20/2015 18:16:11	14.93	39.95	25.53	8.84	8.00	7.3	2.001	102.4	4.6	1.1
1751	4/20/2015 18:31:11	15.00	40.35	25.82	8.79	7.99	6.7	1.946	102.1	4.7	1.1
1752	4/20/2015 18:46:11	15.13	39.46	25.20	8.71	7.99	7.0	1.927	101.0	5.2	1.2
1753	4/20/2015 19:01:11	15.16	41.27	26.48	8.41	7.98	5.2	1.909	98.4	9.2	2.2
1754	4/20/2015 19:16:11	14.99	40.73	26.09	8.65	7.98	6.8	1.937	100.7	18.8	4.4
1755	4/20/2015 19:31:12	14.91	40.40	25.86	8.69	7.98	7.0	1.978	100.8	9.2	2.2
1756	4/20/2015 19:46:12	14.93	40.75	26.10	8.63	7.98	6.3	2.025	100.3	4.1	1.0
1757	4/20/2015 20:01:11	14.84	40.66	26.04	8.67	7.97	6.4	2.119	100.5	3.0	0.7
1758	4/20/2015 20:16:11	14.87	40.39	25.84	8.66	7.97	7.5	2.206	100.3	3.3	0.8
1759	4/20/2015 20:31:11	14.67	40.81	26.14	8.69	7.97	7.6	2.305	100.5	3.2	0.7
1760	4/20/2015 20:46:12	14.45	41.03	26.29	8.68	7.97	6.8	2.399	100.0	3.2	0.8
1761	4/20/2015 21:01:12	13.99	41.89	26.89	8.64	7.96	7.2	2.495	99.0	6.0	1.4
1762	4/20/2015 21:16:12	13.64	41.81	26.83	8.61	7.95	6.5	2.585	97.8	3.8	0.9
1763	4/20/2015 21:31:11	13.42	40.06	25.58	8.66	7.94	5.9	2.691	97.3	3.5	0.8
1764	4/20/2015 21:46:11	13.34	39.82	25.41	8.70	7.94	8.2	2.784	97.4	3.2	0.8
1765	4/20/2015 22:01:11	13.07	39.33	25.06	8.78	7.94	7.3	2.873	97.6	4.4	1.0
1766	4/20/2015 22:16:11	12.79	40.28	25.73	8.77	7.94	9.6	2.982	97.3	4.7	1.1
1767	4/20/2015 22:31:12	12.61	41.06	26.27	8.76	7.95	9.0	3.083	97.1	4.7	1.1
1768	4/20/2015 22:46:12	12.15	42.14	27.02	8.87	7.95	11.2	3.182	97.9	5.6	1.3
1769	4/20/2015 23:01:12	11.93	39.02	24.81	9.04	7.96	8.5	3.300	97.8	10.3	2.4
1770	4/20/2015 23:16:11	11.63	40.49	25.83	9.10	7.96	8.9	3.412	98.5	7.3	1.7
1771	4/20/2015 23:31:12	11.34	41.35	26.43	9.24	7.98	10.0	3.511	99.8	59.8	14.1
1772	4/20/2015 23:46:12	11.16	39.12	24.86	9.38	7.98	8.7	3.607	99.9	13.3	3.1
1773	4/21/2015 00:01:11	11.07	41.81	26.74	9.31	7.99	6.5	3.696	100.1	10.4	2.4
1774	4/21/2015 00:16:12	10.96	46.20	29.86	9.14	7.99	7.2	3.755	100.0	9.3	2.2
1775	4/21/2015 00:31:11	10.87	46.70	30.21	9.08	7.99	5.7	3.810	99.5	10.3	2.4

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	Fluorescence %FS
1776	4/21/2015 00:46:11	10.79	45.59	29.42	9.08	7.98	4.3	3.859	98.7	11.3	2.7
1777	4/21/2015 01:01:11	10.78	44.47	28.62	9.08	7.98	4.0	3.894	98.2	8.9	2.1
1778	4/21/2015 01:16:11	11.02	44.41	28.59	9.00	7.97	4.2	3.889	97.8	9.8	2.3
1779	4/21/2015 01:31:11	10.96	44.69	28.78	9.05	7.98	4.0	3.873	98.5	9.6	2.2
1780	4/21/2015 01:46:11	10.94	44.78	28.84	9.03	7.98	4.3	3.837	98.2	8.0	1.9
1781	4/21/2015 02:01:11	11.21	44.65	28.77	9.05	7.98	5.7	3.766	98.9	9.3	2.2
1782	4/21/2015 02:16:12	11.05	44.68	28.78	9.08	7.98	5.8	3.674	98.9	9.0	2.1
1783	4/21/2015 02:31:11	11.33	44.30	28.52	8.96	7.97	5.0	3.572	98.0	6.2	1.5
1784	4/21/2015 02:46:11	11.74	44.34	28.57	8.86	7.97	5.1	3.459	97.8	5.8	1.4
1785	4/21/2015 03:01:11	12.12	43.80	28.20	8.70	7.96	6.6	3.344	96.7	4.9	1.2
1786	4/21/2015 03:16:11	12.57	42.77	27.48	8.62	7.95	6.9	3.204	96.2	4.4	1.0
1787	4/21/2015 03:31:11	12.82	42.90	27.58	8.54	7.95	6.6	3.070	95.9	3.8	0.9
1788	4/21/2015 03:46:11	12.97	42.46	27.27	8.50	7.94	6.7	2.937	95.5	3.7	0.9
1789	4/21/2015 04:01:11	13.22	43.36	27.92	8.41	7.94	6.8	2.796	95.4	3.7	0.9
1790	4/21/2015 04:16:12	13.23	39.79	25.39	8.50	7.94	6.6	2.665	94.9	5.1	1.2
1791	4/21/2015 04:31:12	13.36	39.26	25.02	8.46	7.94	7.1	2.517	94.5	4.2	1.0
1792	4/21/2015 04:46:12	13.62	42.64	27.42	8.24	7.93	7.1	2.383	94.0	4.4	1.0
1793	4/21/2015 05:01:11	13.56	42.44	27.28	8.21	7.93	7.3	2.224	93.5	8.4	2.0
1794	4/21/2015 05:16:11	13.91	42.63	27.42	8.11	7.93	8.3	2.063	93.1	8.9	2.1
1795	4/21/2015 05:31:11	13.95	42.34	27.21	8.06	7.92	10.7	1.897	92.4	6.2	1.5
1796	4/21/2015 05:46:11	13.89	41.79	26.82	8.02	7.91	10.3	1.755	91.6	5.2	1.2
1797	4/21/2015 06:01:11	14.18	41.69	26.76	7.96	7.91	11.1	1.603	91.4	4.8	1.1
1798	4/21/2015 06:16:11	14.40	41.85	26.88	7.88	7.91	11.2	1.442	91.0	4.3	1.0
1799	4/21/2015 06:31:11	14.58	41.35	26.53	7.82	7.91	11.6	1.311	90.5	4.4	1.0
1800	4/21/2015 06:46:11	14.77	42.11	27.07	7.66	7.90	11.7	1.186	89.3	3.7	0.9
1801	4/21/2015 07:01:11	14.85	42.18	27.12	7.57	7.90	11.4	1.062	88.4	4.0	0.9
1802	4/21/2015 07:16:12	14.89	42.01	26.99	7.51	7.89	13.6	0.992	87.7	4.8	1.1
1803	4/21/2015 07:31:11	14.80	40.49	25.92	7.52	7.89	15.0	0.952	87.0	5.0	1.2
1804	4/21/2015 07:46:11	14.84	40.86	26.18	7.54	7.89	14.0	0.977	87.5	3.4	0.8
1805	4/21/2015 08:01:12	14.77	41.64	26.73	7.59	7.89	13.1	1.045	88.2	3.4	0.8
1806	4/21/2015 08:16:12	14.73	41.63	26.73	7.62	7.90	10.1	1.124	88.6	3.1	0.7
1807	4/21/2015 08:31:12	14.70	40.82	26.15	7.68	7.90	10.1	1.219	88.9	3.8	0.9
1808	4/21/2015 08:46:11	14.68	41.06	26.32	7.75	7.90	10.4	1.307	89.8	3.3	0.8
1809	4/21/2015 09:01:11	14.67	41.62	26.71	7.70	7.90	9.5	1.395	89.3	3.4	0.8
1810	4/21/2015 09:16:12	14.64	41.22	26.43	7.71	7.89	10.1	1.502	89.2	3.2	0.8
1811	4/21/2015 09:31:12	14.62	40.06	25.61	7.77	7.89	9.8	1.591	89.5	3.0	0.7
1812	4/21/2015 09:46:12	14.58	40.17	25.69	7.78	7.90	9.4	1.677	89.6	2.8	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH					
1813	4/21/2015 10:01:12	14.25	42.07	27.03	7.89	7.90	9.2	1.778	90.9	3.4	0.8
1814	4/21/2015 10:16:11	14.22	42.00	26.98	7.89	7.90	7.8	1.871	90.9	3.1	0.7
1815	4/21/2015 10:31:11	14.09	41.45	26.58	8.05	7.91	7.2	1.975	92.3	3.2	0.7
1816	4/21/2015 10:46:11	13.82	42.84	27.57	8.19	7.92	7.6	2.085	93.8	2.7	0.6
1817	4/21/2015 11:01:11	13.76	38.12	24.23	8.43	7.92	7.5	2.210	94.6	3.4	0.8
1818	4/21/2015 11:16:12	13.73	38.87	24.76	8.42	7.92	7.5	2.313	94.7	3.4	0.8
1819	4/21/2015 11:31:11	13.66	38.94	24.80	8.44	7.92	9.1	2.407	94.9	3.2	0.7
1820	4/21/2015 11:46:12	13.50	41.06	26.29	8.43	7.93	9.5	2.517	95.2	3.6	0.8
1821	4/21/2015 12:01:11	13.37	41.58	26.66	8.44	7.93	9.6	2.613	95.3	5.6	1.3
1822	4/21/2015 12:16:11	13.19	42.47	27.28	8.50	7.93	10.8	2.716	96.0	4.1	1.0
1823	4/21/2015 12:31:11	13.00	41.76	26.78	8.67	7.94	11.1	2.805	97.2	7.2	1.7
1824	4/21/2015 12:46:11	12.61	41.85	26.83	8.70	7.94	12.9	2.896	96.8	6.4	1.5
1825	4/21/2015 13:01:11	12.09	42.60	27.34	8.87	7.95	10.0	2.979	98.0	9.1	2.2
1826	4/21/2015 13:16:11	11.88	43.18	27.75	8.88	7.95	9.0	3.061	97.8	5.5	1.3
1827	4/21/2015 13:31:11	11.77	42.45	27.22	8.91	7.95	8.8	3.145	97.6	5.4	1.3
1828	4/21/2015 13:46:11	11.70	42.86	27.52	8.92	7.95	7.5	3.212	97.7	6.3	1.5
1829	4/21/2015 14:01:11	11.59	42.16	27.02	8.93	7.95	6.8	3.266	97.4	5.2	1.2
1830	4/21/2015 14:16:11	11.48	42.92	27.55	8.89	7.95	5.0	3.303	97.0	5.5	1.3
1831	4/21/2015 14:31:12	11.38	42.82	27.47	8.79	7.95	4.5	3.321	95.7	5.1	1.2
1832	4/21/2015 14:46:11	11.45	43.98	28.30	8.71	7.94	3.7	3.331	95.4	5.0	1.2
1833	4/21/2015 15:01:11	11.42	43.98	28.30	8.74	7.94	5.4	3.302	95.7	4.7	1.1
1834	4/21/2015 15:16:11	11.53	44.12	28.41	8.79	7.95	5.7	3.258	96.6	5.1	1.2
1835	4/21/2015 15:31:12	12.50	44.86	28.97	9.25	7.99	8.1	3.191	104.0	5.1	1.2
1836	4/21/2015 15:46:11	12.37	43.92	28.29	9.27	7.99	6.7	3.118	103.6	5.3	1.2
1837	4/21/2015 16:01:11	12.32	44.51	28.71	9.17	7.99	7.1	3.024	102.6	5.6	1.3
1838	4/21/2015 16:16:11	12.55	43.26	27.83	9.14	7.98	8.1	2.932	102.2	6.1	1.4
1839	4/21/2015 16:31:11	13.38	43.44	27.98	9.01	7.99	8.3	2.841	102.6	4.6	1.1
1840	4/21/2015 16:46:11	13.61	41.36	26.51	9.08	7.99	10.9	2.738	102.9	5.8	1.4
1841	4/21/2015 17:01:11	13.47	43.40	27.96	9.08	8.00	10.4	2.665	103.6	30.1	7.1
1842	4/21/2015 17:16:11	13.51	43.30	27.89	9.06	8.00	11.3	2.570	103.4	20.3	4.8
1843	4/21/2015 17:31:12	13.53	42.61	27.40	9.06	8.00	15.2	2.479	103.2	26.4	6.2
1844	4/21/2015 17:46:12	13.55	42.47	27.29	8.96	7.99	14.8	2.405	101.9	22.0	5.2
1845	4/21/2015 18:01:11	13.71	42.53	27.35	8.86	7.99	31.5	2.310	101.2	5.8	1.4
1846	4/21/2015 18:16:11	14.06	43.68	28.17	8.71	7.98	14.4	2.235	100.7	8.2	1.9
1847	4/21/2015 18:31:12	14.34	41.73	26.79	8.68	7.98	14.3	2.171	100.1	9.6	2.3
1848	4/21/2015 18:46:11	14.53	41.85	26.88	8.56	7.96	16.1	2.115	99.1	4.7	1.1
1849	4/21/2015 19:01:11	14.56	43.93	28.36	8.42	7.96	14.4	2.068	98.5	5.2	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	Fluorescence %FS
1850	4/21/2015 19:16:11	14.42	43.49	28.04	8.44	7.95	15.6	2.012	98.2	5.1	1.2
1851	4/21/2015 19:31:11	14.57	41.99	26.98	8.40	7.94	15.0	2.013	97.5	4.4	1.0
1852	4/21/2015 19:46:11	14.63	43.54	28.08	8.17	7.93	11.8	1.986	95.5	6.1	1.4
1853	4/21/2015 20:01:12	14.50	42.52	27.36	8.35	7.94	13.4	2.010	97.0	7.2	1.7
1854	4/21/2015 20:16:12	14.46	42.73	27.50	8.39	7.95	11.5	2.043	97.5	5.0	1.2
1855	4/21/2015 20:31:11	14.59	43.51	28.06	8.39	7.95	10.5	2.081	98.0	6.6	1.5
1856	4/21/2015 20:46:12	14.60	42.52	27.35	8.43	7.95	11.7	2.142	98.1	8.4	2.0
1857	4/21/2015 21:01:11	14.49	43.26	27.88	8.44	7.95	11.2	2.213	98.2	4.4	1.0
1858	4/21/2015 21:16:12	14.51	43.51	28.06	8.49	7.96	9.8	2.310	99.0	7.6	1.8
1859	4/21/2015 21:31:11	14.45	43.39	27.97	8.51	7.96	11.5	2.396	99.1	4.2	1.0
1860	4/21/2015 21:46:12	14.29	42.75	27.52	8.59	7.96	11.4	2.472	99.3	10.0	2.3
1861	4/21/2015 22:01:11	13.78	43.20	27.82	8.64	7.96	8.9	2.570	99.1	9.5	2.2
1862	4/21/2015 22:16:11	13.52	44.05	28.42	8.67	7.96	10.4	2.643	99.3	3.8	0.9
1863	4/21/2015 22:31:11	13.16	44.45	28.70	8.69	7.95	9.7	2.731	99.0	5.9	1.4
1864	4/21/2015 22:46:11	12.95	45.51	29.45	8.68	7.95	8.7	2.817	98.9	5.1	1.2
1865	4/21/2015 23:01:11	12.88	45.73	29.61	8.69	7.96	7.3	2.905	99.0	5.0	1.2
1866	4/21/2015 23:16:11	12.61	46.94	30.47	8.69	7.95	8.9	3.007	98.9	5.1	1.2
1867	4/21/2015 23:31:11	12.39	46.49	30.13	8.73	7.95	8.9	3.103	98.7	17.7	4.2
1868	4/21/2015 23:46:11	12.08	48.63	31.67	8.69	7.95	9.1	3.195	98.6	8.1	1.9
1869	4/22/2015 00:01:11	11.85	48.67	31.68	8.74	7.95	8.4	3.274	98.7	7.8	1.8
1870	4/22/2015 00:16:11	11.58	50.03	32.65	8.71	7.95	8.4	3.366	98.3	20.4	4.8
1871	4/22/2015 00:31:11	11.42	50.11	32.70	8.73	7.95	8.4	3.437	98.3	14.3	3.4
1872	4/22/2015 00:46:11	11.18	50.24	32.79	8.76	7.95	8.9	3.513	98.2	11.9	2.8
1873	4/22/2015 01:01:11	11.06	50.25	32.79	8.77	7.95	6.7	3.580	98.0	7.9	1.9
1874	4/22/2015 01:16:11	10.97	50.28	32.80	8.78	7.95	5.4	3.646	97.9	16.6	3.9
1875	4/22/2015 01:31:11	10.90	50.39	32.88	8.77	7.95	4.5	3.671	97.7	7.1	1.7
1876	4/22/2015 01:46:11	10.89	50.35	32.85	8.65	7.95	3.9	3.690	96.4	7.7	1.8
1877	4/22/2015 02:01:11	11.06	50.28	32.81	8.67	7.95	6.4	3.690	96.9	36.8	8.7
1878	4/22/2015 02:16:11	11.04	50.26	32.79	8.69	7.95	6.6	3.661	97.1	8.9	2.1
1879	4/22/2015 02:31:11	11.04	50.35	32.86	8.79	7.95	10.0	3.605	98.3	28.2	6.6
1880	4/22/2015 02:46:11	10.89	50.47	32.94	8.85	7.96	9.5	3.533	98.7	65.8	15.5
1881	4/22/2015 03:01:11	10.86	50.40	32.89	8.86	7.96	8.6	3.464	98.6	51.2	12.1
1882	4/22/2015 03:16:11	10.85	50.41	32.89	8.85	7.96	7.6	3.378	98.5	13.3	3.1
1883	4/22/2015 03:31:11	11.51	49.88	32.54	8.78	7.96	11.3	3.268	99.0	6.2	1.5
1884	4/22/2015 03:46:11	10.91	50.37	32.87	8.87	7.96	9.3	3.161	98.9	6.4	1.5
1885	4/22/2015 04:01:11	11.65	49.83	32.52	8.70	7.95	14.1	3.061	98.3	8.2	1.9
1886	4/22/2015 04:16:11	12.07	49.28	32.14	8.59	7.95	19.2	2.971	97.7	5.8	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	Fluorescence %FS
1887	4/22/2015 04:31:11	11.79	49.57	32.33	8.62	7.95	22.7	2.850	97.5	6.1	1.4
1888	4/22/2015 04:46:12	11.67	49.77	32.47	8.64	7.95	21.3	2.693	97.6	8.3	1.9
1889	4/22/2015 05:01:11	12.55	49.11	32.03	8.50	7.95	17.0	2.578	97.6	5.0	1.2
1890	4/22/2015 05:16:11	12.50	49.10	32.03	8.50	7.95	17.7	2.441	97.4	7.2	1.7
1891	4/22/2015 05:31:12	12.41	49.17	32.07	8.46	7.94	17.8	2.322	96.9	14.0	3.3
1892	4/22/2015 05:46:11	12.70	48.78	31.80	8.40	7.94	18.4	2.166	96.6	23.7	5.6
1893	4/22/2015 06:01:11	12.94	48.57	31.66	8.34	7.94	17.4	2.041	96.3	24.2	5.7
1894	4/22/2015 06:16:12	13.22	48.25	31.43	8.25	7.94	18.6	1.898	95.6	25.4	6.0
1895	4/22/2015 06:31:12	13.17	48.39	31.53	8.23	7.94	18.0	1.760	95.4	36.0	8.5
1896	4/22/2015 06:46:11	13.30	48.25	31.44	8.20	7.93	19.7	1.620	95.2	53.5	12.6
1897	4/22/2015 07:01:12	13.56	47.97	31.25	8.07	7.92	20.3	1.484	94.1	71.4	16.8
1898	4/22/2015 07:16:11	13.72	47.89	31.19	7.99	7.92	19.4	1.358	93.5	58.6	13.8
1899	4/22/2015 07:31:12	13.81	47.72	31.07	7.96	7.92	19.0	1.225	93.3	30.1	7.1
1900	4/22/2015 07:46:11	13.84	47.74	31.09	7.95	7.92	16.9	1.133	93.2	26.9	6.3
1901	4/22/2015 08:01:12	13.91	47.70	31.06	7.93	7.92	16.6	1.042	93.1	20.2	4.7
1902	4/22/2015 08:16:11	13.99	47.45	30.88	7.93	7.92	13.7	1.015	93.0	17.2	4.1
1903	4/22/2015 08:31:12	13.97	47.56	30.96	7.83	7.92	13.7	1.015	91.9	4.4	1.0
1904	4/22/2015 08:46:11	14.17	47.23	30.73	7.78	7.91	14.7	1.035	91.6	4.0	0.9
1905	4/22/2015 09:01:11	14.08	47.40	30.85	7.86	7.91	14.1	1.096	92.5	4.2	1.0
1906	4/22/2015 09:16:12	14.11	47.35	30.81	7.80	7.91	16.3	1.197	91.8	4.1	1.0
1907	4/22/2015 09:31:12	14.12	47.34	30.81	7.78	7.91	15.0	1.263	91.5	4.5	1.1
1908	4/22/2015 09:46:11	14.05	47.40	30.85	7.78	7.90	15.0	1.322	91.5	4.2	1.0
1909	4/22/2015 10:01:12	14.04	47.45	30.88	7.81	7.90	14.3	1.415	91.8	3.8	0.9
1910	4/22/2015 10:16:12	14.01	47.32	30.79	7.79	7.90	14.3	1.500	91.5	4.0	0.9
1911	4/22/2015 10:31:12	14.04	47.17	30.68	7.88	7.91	12.3	1.608	92.5	3.4	0.8
1912	4/22/2015 10:46:11	13.93	47.44	30.87	7.90	7.91	15.0	1.693	92.6	3.9	0.9
1913	4/22/2015 11:01:12	13.74	47.81	31.14	7.93	7.91	15.8	1.776	92.8	4.2	1.0
1914	4/22/2015 11:16:11	13.65	48.01	31.28	8.03	7.92	12.3	1.885	93.8	3.5	0.8
1915	4/22/2015 11:31:11	13.52	48.13	31.36	8.14	7.93	11.2	1.985	95.0	3.8	0.9
1916	4/22/2015 11:46:11	13.48	48.30	31.48	8.25	7.94	13.1	2.076	96.2	4.8	1.1
1917	4/22/2015 12:01:12	13.48	48.40	31.55	8.33	7.94	11.6	2.192	97.2	4.9	1.2
1918	4/22/2015 12:16:11	13.39	48.42	31.57	8.36	7.94	9.3	2.295	97.4	6.8	1.6
1919	4/22/2015 12:31:11	13.38	48.47	31.60	8.39	7.94	10.0	2.382	97.7	8.6	2.0
1920	4/22/2015 12:46:11	13.24	48.51	31.63	8.38	7.94	11.4	2.482	97.3	7.0	1.6
1921	4/22/2015 13:01:11	13.12	48.62	31.70	8.40	7.94	12.3	2.569	97.4	28.2	6.6
1922	4/22/2015 13:16:12	13.03	48.62	31.69	8.43	7.94	12.6	2.651	97.5	16.5	3.9
1923	4/22/2015 13:31:12	12.98	48.82	31.84	8.44	7.95	12.0	2.733	97.7	30.8	7.3

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	Fluorescence %FS
1924	4/22/2015 13:46:12	12.76	48.89	31.88	8.55	7.95	14.3	2.812	98.5	18.2	4.3
1925	4/22/2015 14:01:11	12.53	49.09	32.02	8.63	7.95	13.1	2.883	99.0	9.7	2.3
1926	4/22/2015 14:16:11	12.36	49.29	32.16	8.84	7.96	14.5	2.946	101.1	38.3	9.0
1927	4/22/2015 14:31:12	12.11	49.61	32.38	8.99	7.96	11.2	3.004	102.4	6.7	1.6
1928	4/22/2015 14:46:12	11.99	49.67	32.41	9.05	7.96	8.0	3.056	103.0	12.9	3.0
1929	4/22/2015 15:01:11	11.93	49.77	32.48	9.07	7.96	8.1	3.091	103.1	5.4	1.3
1930	4/22/2015 15:16:11	11.85	49.66	32.40	9.06	7.96	4.6	3.113	102.7	14.7	3.4
1931	4/22/2015 15:31:11	12.01	49.62	32.38	8.81	7.95	6.7	3.127	100.2	4.3	1.0
1932	4/22/2015 15:46:11	11.96	49.76	32.48	9.09	7.96	8.4	3.103	103.4	13.4	3.2
1933	4/22/2015 16:01:11	12.34	49.42	32.25	9.15	7.98	9.4	3.097	104.7	12.2	2.9
1934	4/22/2015 16:16:11	12.53	49.53	32.34	9.31	8.00	13.9	3.023	107.1	5.6	1.3
1935	4/22/2015 16:31:12	12.45	49.30	32.17	9.65	8.00	13.4	2.974	110.7	5.7	1.3
1936	4/22/2015 16:46:11	12.41	49.51	32.32	9.33	8.00	12.6	2.896	107.0	31.0	7.3
1937	4/22/2015 17:01:12	12.42	49.61	32.39	9.33	8.00	13.0	2.829	107.1	26.4	6.2
1938	4/22/2015 17:16:11	12.67	49.36	32.22	9.21	8.00	15.6	2.762	106.1	5.9	1.4
1939	4/22/2015 17:31:12	12.65	49.43	32.27	9.24	8.01	15.1	2.683	106.4	40.6	9.6
1940	4/22/2015 17:46:12	13.14	49.06	32.02	8.97	8.00	21.6	2.622	104.3	52.4	12.3
1941	4/22/2015 18:01:11	13.49	48.70	31.77	8.81	7.98	20.6	2.541	102.9	74.8	17.6
1942	4/22/2015 18:16:11	13.66	48.50	31.63	8.75	7.98	22.1	2.457	102.5	143.4	33.8
1943	4/22/2015 18:31:12	13.70	48.43	31.58	8.63	7.98	25.0	2.393	101.1	62.9	14.8
1944	4/22/2015 18:46:11	13.93	48.08	31.33	8.46	7.96	25.7	2.334	99.5	25.2	5.9
1945	4/22/2015 19:01:11	13.86	45.82	29.70	8.58	7.96	22.2	2.263	99.8	29.1	6.9
1946	4/22/2015 19:16:11	14.21	47.31	30.79	8.30	7.94	24.4	2.203	97.9	35.8	8.4
1947	4/22/2015 19:31:12	13.95	45.67	29.60	8.44	7.95	23.0	2.152	98.2	52.3	12.3
1948	4/22/2015 19:46:12	14.04	47.78	31.12	8.28	7.94	22.5	2.101	97.4	35.1	8.3
1949	4/22/2015 20:01:11	14.18	47.71	31.08	8.23	7.93	22.7	2.079	97.1	63.3	14.9
1950	4/22/2015 20:16:12	14.22	47.74	31.10	8.15	7.92	21.2	2.061	96.3	17.3	4.1
1951	4/22/2015 20:31:12	14.30	47.59	30.99	7.96	7.92	17.7	2.036	94.1	7.9	1.8
1952	4/22/2015 20:46:11	14.24	47.59	30.99	8.09	7.92	19.3	2.065	95.6	8.1	1.9
1953	4/22/2015 21:01:11	14.17	47.51	30.93	8.15	7.93	20.0	2.090	96.1	7.9	1.9
1954	4/22/2015 21:16:11	14.19	47.55	30.96	8.14	7.92	19.7	2.121	96.1	6.4	1.5
1955	4/22/2015 21:31:11	14.30	47.55	30.96	8.17	7.93	19.4	2.159	96.6	7.8	1.8
1956	4/22/2015 21:46:11	14.32	47.68	31.06	8.17	7.93	19.6	2.215	96.6	4.9	1.2
1957	4/22/2015 22:01:12	14.42	47.39	30.85	8.18	7.94	18.6	2.298	96.9	9.5	2.2
1958	4/22/2015 22:16:11	14.32	47.55	30.96	8.15	7.94	18.2	2.359	96.4	5.0	1.2
1959	4/22/2015 22:31:11	14.12	47.92	31.22	8.26	7.94	36.0	2.427	97.5	11.4	2.7
1960	4/22/2015 22:46:11	13.81	48.21	31.43	8.38	7.94	25.5	2.520	98.3	6.1	1.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1961	4/22/2015 23:01:12	13.63	48.32	31.50	8.39	7.94	17.3	2.585	98.2	7.8	1.8
1962	4/22/2015 23:16:11	13.27	48.65	31.73	8.54	7.95	13.7	2.661	99.3	8.6	2.0
1963	4/22/2015 23:31:12	12.79	49.10	32.03	8.74	7.95	18.1	2.751	100.8	8.6	2.0
1964	4/22/2015 23:46:12	12.66	49.22	32.12	8.78	7.96	15.2	2.813	101.0	6.1	1.4
1965	4/23/2015 00:01:12	12.44	49.39	32.23	8.84	7.96	15.7	2.897	101.4	5.4	1.3
1966	4/23/2015 00:16:12	12.29	49.31	32.17	8.87	7.96	16.1	2.971	101.4	5.5	1.3
1967	4/23/2015 00:31:12	12.10	49.54	32.32	8.93	7.96	17.6	3.051	101.7	27.9	6.6
1968	4/23/2015 00:46:11	11.91	49.69	32.43	9.01	7.96	16.6	3.127	102.3	10.2	2.4
1969	4/23/2015 01:01:11	11.67	49.75	32.46	9.09	7.96	13.4	3.199	102.7	12.0	2.8
1970	4/23/2015 01:16:11	11.52	49.84	32.52	9.12	7.96	11.3	3.275	102.8	6.1	1.4
1971	4/23/2015 01:31:11	11.31	50.12	32.71	9.18	7.96	11.3	3.344	103.1	10.3	2.4
1972	4/23/2015 01:46:11	11.22	50.20	32.76	9.17	7.96	9.9	3.399	102.8	6.6	1.6
1973	4/23/2015 02:01:11	11.18	50.06	32.65	9.18	7.96	6.4	3.443	102.7	5.9	1.4
1974	4/23/2015 02:16:13	11.16	50.16	32.73	9.14	7.96	8.7	3.480	102.3	15.3	3.6
1975	4/23/2015 02:31:12	11.10	50.12	32.70	9.01	7.95	6.6	3.496	100.7	6.8	1.6
1976	4/23/2015 02:46:12	11.17	50.10	32.69	9.02	7.95	7.0	3.499	101.0	4.9	1.2
1977	4/23/2015 03:01:11	11.14	50.21	32.76	9.05	7.95	7.8	3.480	101.3	5.0	1.2
1978	4/23/2015 03:16:12	11.13	50.27	32.80	9.05	7.95	9.1	3.441	101.3	7.2	1.7
1979	4/23/2015 03:31:11	11.62	49.87	32.55	8.92	7.95	8.6	3.369	100.8	9.4	2.2
1980	4/23/2015 03:46:11	11.38	50.01	32.64	9.04	7.95	8.3	3.298	101.7	42.6	10.0
1981	4/23/2015 04:01:11	11.34	49.85	32.51	9.04	7.95	6.8	3.217	101.5	19.5	4.6
1982	4/23/2015 04:16:11	11.68	49.73	32.44	8.88	7.95	7.3	3.122	100.4	23.5	5.5
1983	4/23/2015 04:31:11	12.15	49.27	32.13	8.73	7.95	7.3	3.029	99.4	23.0	5.4
1984	4/23/2015 04:46:11	12.42	49.02	31.96	8.60	7.95	37.4	2.933	98.4	23.1	5.4
1985	4/23/2015 05:01:11	12.56	47.73	31.04	8.54	7.94	13.3	2.837	97.4	19.8	4.7
1986	4/23/2015 05:16:11	12.55	47.33	30.74	8.52	7.94	43.8	2.727	97.0	14.2	3.3
1987	4/23/2015 05:31:11	12.66	47.30	30.73	8.45	7.93	9.5	2.615	96.4	23.1	5.4
1988	4/23/2015 05:46:11	12.87	46.99	30.51	8.32	7.92	11.4	2.499	95.2	6.9	1.6
1989	4/23/2015 06:01:11	12.88	46.77	30.36	8.29	7.92	9.5	2.381	94.9	21.7	5.1
1990	4/23/2015 06:16:12	12.88	47.05	30.56	8.25	7.92	10.9	2.281	94.5	21.4	5.0
1991	4/23/2015 06:31:11	13.04	46.79	30.37	8.23	7.92	12.9	2.152	94.5	21.2	5.0
1992	4/23/2015 06:46:11	13.19	46.64	30.27	8.22	7.92	13.2	2.016	94.6	19.3	4.6
1993	4/23/2015 07:01:11	13.09	46.91	30.46	8.24	7.93	13.5	1.883	94.7	14.2	3.3
1994	4/23/2015 07:16:12	13.25	46.81	30.40	8.23	7.93	14.5	1.769	94.9	16.1	3.8
1995	4/23/2015 07:31:11	13.41	46.36	30.08	8.12	7.93	14.8	1.639	93.8	18.9	4.5
1996	4/23/2015 07:46:11	13.61	46.23	29.99	7.96	7.92	16.4	1.509	92.3	17.7	4.2
1997	4/23/2015 08:01:11	13.71	46.17	29.95	7.88	7.92	22.3	1.403	91.5	12.5	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	Fluorescence %FS
1998	4/23/2015 08:16:11	13.81	46.17	29.95	7.79	7.92	18.3	1.317	90.6	15.3	3.6
1999	4/23/2015 08:31:11	13.90	45.88	29.74	7.79	7.92	23.4	1.216	90.7	15.7	3.7
2000	4/23/2015 08:46:11	13.95	45.63	29.57	7.70	7.91	17.0	1.166	89.6	19.9	4.7
2001	4/23/2015 09:01:12	14.03	45.99	29.83	7.64	7.91	19.1	1.149	89.2	13.9	3.3
2002	4/23/2015 09:16:12	13.90	46.19	29.97	7.84	7.91	19.1	1.151	91.4	5.7	1.3
2003	4/23/2015 09:31:12	13.84	45.99	29.83	7.73	7.91	18.0	1.174	89.9	4.9	1.2
2004	4/23/2015 09:46:12	13.80	46.08	29.89	7.73	7.91	16.9	1.234	89.9	4.3	1.0
2005	4/23/2015 10:01:12	13.79	46.11	29.91	7.77	7.91	16.4	1.307	90.3	6.1	1.4
2006	4/23/2015 10:16:11	13.83	46.14	29.93	7.79	7.91	14.7	1.374	90.6	5.2	1.2
2007	4/23/2015 10:31:11	13.84	46.25	30.01	7.76	7.91	13.7	1.442	90.3	4.7	1.1
2008	4/23/2015 10:46:11	13.86	45.94	29.79	7.82	7.91	14.5	1.517	91.0	5.3	1.2
2009	4/23/2015 11:01:11	13.90	45.60	29.54	7.90	7.92	12.1	1.593	91.8	5.1	1.2
2010	4/23/2015 11:16:11	13.91	45.80	29.69	7.88	7.92	11.7	1.663	91.7	5.0	1.2
2011	4/23/2015 11:31:11	13.86	45.94	29.79	7.83	7.91	10.7	1.734	91.1	4.2	1.0
2012	4/23/2015 11:46:11	13.79	46.02	29.84	7.86	7.92	10.9	1.819	91.3	3.6	0.8
2013	4/23/2015 12:01:12	13.86	45.77	29.67	7.99	7.92	10.1	1.909	92.8	11.3	2.7
2014	4/23/2015 12:16:12	13.81	46.00	29.83	8.06	7.93	9.9	1.991	93.7	15.0	3.5
2015	4/23/2015 12:31:12	13.38	46.54	30.20	8.25	7.93	8.4	2.083	95.3	3.1	0.7
2016	4/23/2015 12:46:11	13.17	47.11	30.61	8.37	7.94	7.9	2.167	96.5	3.7	0.9
2017	4/23/2015 13:01:11	13.17	47.03	30.55	8.42	7.94	8.4	2.268	97.1	13.9	3.3
2018	4/23/2015 13:16:11	13.17	47.23	30.69	8.50	7.95	9.4	2.360	98.0	9.8	2.3
2019	4/23/2015 13:31:11	13.09	46.77	30.36	8.51	7.94	9.4	2.437	97.7	4.5	1.1
2020	4/23/2015 13:46:11	12.98	47.28	30.73	8.54	7.94	10.8	2.524	98.1	12.7	3.0
2021	4/23/2015 14:01:11	12.90	47.34	30.76	8.58	7.94	10.2	2.610	98.5	4.4	1.0
2022	4/23/2015 14:16:12	12.86	47.32	30.75	8.60	7.94	11.1	2.678	98.5	5.2	1.2
2023	4/23/2015 14:31:12	12.80	47.43	30.83	8.67	7.95	12.5	2.747	99.3	9.4	2.2
2024	4/23/2015 14:46:11	12.65	47.49	30.87	8.79	7.95	11.4	2.817	100.4	6.9	1.6
2025	4/23/2015 15:01:11	12.43	47.65	30.97	8.83	7.95	10.2	2.881	100.4	5.9	1.4
2026	4/23/2015 15:16:11	12.08	47.91	31.14	8.86	7.95	9.6	2.936	100.2	5.2	1.2
2027	4/23/2015 15:31:11	11.92	47.89	31.13	8.91	7.95	9.8	2.988	100.4	4.6	1.1
2028	4/23/2015 15:46:12	11.81	48.18	31.33	8.92	7.95	8.4	3.040	100.4	4.1	1.0
2029	4/23/2015 16:01:11	11.75	48.13	31.29	8.92	7.95	5.7	3.069	100.2	3.5	0.8
2030	4/23/2015 16:16:11	11.69	48.36	31.45	8.83	7.94	5.9	3.090	99.1	4.0	0.9
2031	4/23/2015 16:31:11	11.85	48.16	31.31	8.84	7.94	7.8	3.103	99.6	3.7	0.9
2032	4/23/2015 16:46:11	11.69	48.58	31.61	8.81	7.94	4.8	3.095	99.1	3.8	0.9
2033	4/23/2015 17:01:11	11.69	48.38	31.46	8.88	7.94	5.3	3.067	99.8	3.8	0.9
2034	4/23/2015 17:16:12	11.75	48.32	31.43	8.87	7.94	7.6	3.018	99.8	4.9	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	Fluorescence %FS
2035	4/23/2015 17:31:11	12.31	47.79	31.07	8.84	7.95	7.2	2.969	100.3	3.7	0.9
2036	4/23/2015 17:46:11	12.41	47.77	31.05	9.15	7.99	7.2	2.900	104.1	4.7	1.1
2037	4/23/2015 18:01:11	12.27	47.69	30.99	9.00	7.97	6.2	2.828	102.1	7.7	1.8
2038	4/23/2015 18:16:11	12.46	47.52	30.88	8.89	7.96	5.5	2.762	101.2	12.3	2.9
2039	4/23/2015 18:31:11	12.86	47.50	30.88	8.85	7.97	6.2	2.683	101.5	14.3	3.4
2040	4/23/2015 18:46:11	13.15	47.41	30.83	8.76	7.97	7.8	2.613	101.1	18.8	4.4
2041	4/23/2015 19:01:11	13.39	45.44	29.41	8.75	7.97	7.3	2.560	100.5	12.1	2.8
2042	4/23/2015 19:16:11	13.32	45.18	29.22	8.73	7.97	6.8	2.494	100.1	12.7	3.0
2043	4/23/2015 19:31:12	13.17	46.79	30.38	8.65	7.97	7.3	2.428	99.5	11.3	2.7
2044	4/23/2015 19:46:11	13.43	45.50	29.46	8.61	7.96	7.4	2.383	99.0	24.9	5.9
2045	4/23/2015 20:01:12	13.44	44.89	29.02	8.58	7.96	6.5	2.332	98.5	54.4	12.8
2046	4/23/2015 20:16:12	13.91	43.64	28.14	8.46	7.96	7.8	2.282	97.5	12.6	3.0
2047	4/23/2015 20:31:12	13.85	42.99	27.67	8.45	7.95	7.2	2.248	97.0	6.3	1.5
2048	4/23/2015 20:46:12	13.82	46.61	30.27	8.21	7.95	8.9	2.223	95.6	8.2	1.9
2049	4/23/2015 21:01:12	13.93	41.80	26.83	8.30	7.94	7.8	2.198	94.9	9.5	2.2
2050	4/23/2015 21:16:11	13.74	45.95	29.79	8.11	7.94	7.3	2.191	94.1	7.7	1.8
2051	4/23/2015 21:31:11	13.95	44.93	29.06	8.30	7.95	11.5	2.191	96.3	10.4	2.4
2052	4/23/2015 21:46:12	13.87	47.13	30.64	8.25	7.95	6.8	2.208	96.5	6.3	1.5
2053	4/23/2015 22:01:12	13.81	46.24	30.00	8.27	7.95	6.8	2.233	96.2	9.2	2.2
2054	4/23/2015 22:16:11	13.71	46.45	30.15	8.33	7.95	7.0	2.261	96.8	11.6	2.7
2055	4/23/2015 22:31:11	13.60	45.20	29.25	8.50	7.96	7.3	2.324	98.0	10.4	2.4
2056	4/23/2015 22:46:11	13.57	45.69	29.60	8.50	7.96	6.8	2.366	98.2	3.9	0.9
2057	4/23/2015 23:01:12	13.58	45.75	29.64	8.46	7.95	6.7	2.418	97.8	13.2	3.1
2058	4/23/2015 23:16:11	13.43	46.50	30.18	8.52	7.96	7.2	2.486	98.4	13.6	3.2
2059	4/23/2015 23:31:11	13.21	45.82	29.68	8.60	7.95	7.7	2.548	98.6	16.3	3.8
2060	4/23/2015 23:46:11	13.07	47.49	30.88	8.57	7.95	6.7	2.606	98.7	9.1	2.1
2061	4/24/2015 00:01:11	12.83	47.85	31.13	8.59	7.95	6.2	2.665	98.7	11.8	2.8
2062	4/24/2015 00:16:11	12.60	48.26	31.42	8.63	7.95	6.3	2.731	98.8	6.7	1.6
2063	4/24/2015 00:31:11	12.26	48.30	31.43	8.67	7.94	7.0	2.792	98.6	6.4	1.5
2064	4/24/2015 00:46:11	12.11	48.40	31.50	8.66	7.94	6.2	2.860	98.2	5.4	1.3
2065	4/24/2015 01:01:12	11.96	48.20	31.35	8.65	7.94	6.5	2.920	97.7	7.3	1.7
2066	4/24/2015 01:16:12	11.83	48.27	31.40	8.61	7.93	6.6	2.982	96.9	5.4	1.3
2067	4/24/2015 01:31:12	11.66	48.48	31.54	8.57	7.93	7.8	3.059	96.2	4.9	1.2
2068	4/24/2015 01:46:11	11.54	48.60	31.62	8.59	7.93	8.1	3.106	96.3	9.0	2.1
2069	4/24/2015 02:01:11	11.39	48.67	31.66	8.59	7.92	8.1	3.172	96.0	9.5	2.2
2070	4/24/2015 02:16:12	11.23	48.78	31.73	8.55	7.92	6.9	3.235	95.2	15.0	3.5
2071	4/24/2015 02:31:12	11.14	48.83	31.76	8.49	7.92	9.6	3.280	94.4	11.7	2.7

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	Fluorescence %FS
2072	4/24/2015 02:46:11	11.03	48.73	31.69	8.46	7.91	5.4	3.321	93.8	5.1	1.2
2073	4/24/2015 03:01:11	10.96	48.85	31.77	8.43	7.91	4.3	3.350	93.5	3.8	0.9
2074	4/24/2015 03:16:11	10.91	48.64	31.61	8.31	7.91	5.1	3.379	91.9	3.1	0.7
2075	4/24/2015 03:31:11	11.05	48.71	31.67	8.18	7.90	5.4	3.379	90.8	4.8	1.1
2076	4/24/2015 03:46:11	10.88	49.07	31.92	8.32	7.90	8.4	3.355	92.1	5.6	1.3
2077	4/24/2015 04:01:11	10.92	49.18	32.01	8.38	7.90	6.4	3.336	92.9	12.9	3.0
2078	4/24/2015 04:16:11	11.96	48.09	31.27	8.34	7.92	5.4	3.289	94.1	11.5	2.7
2079	4/24/2015 04:31:11	11.99	48.07	31.26	8.43	7.93	5.3	3.219	95.2	16.0	3.8
2080	4/24/2015 04:46:11	11.90	48.05	31.24	8.40	7.92	5.3	3.145	94.7	13.2	3.1
2081	4/24/2015 05:01:12	12.01	48.07	31.25	8.38	7.92	6.1	3.071	94.7	12.7	3.0
2082	4/24/2015 05:16:11	12.25	47.93	31.16	8.30	7.92	7.5	2.980	94.2	14.9	3.5
2083	4/24/2015 05:31:12	12.30	47.93	31.17	8.26	7.92	5.9	2.887	93.8	12.8	3.0
2084	4/24/2015 05:46:11	12.35	48.00	31.22	8.23	7.91	5.1	2.811	93.6	18.8	4.4
2085	4/24/2015 06:01:11	12.57	47.92	31.17	8.18	7.92	6.5	2.708	93.4	15.9	3.7
2086	4/24/2015 06:16:11	12.56	47.86	31.13	8.13	7.91	5.3	2.625	92.8	12.0	2.8
2087	4/24/2015 06:31:11	12.73	47.87	31.14	8.16	7.92	6.8	2.534	93.5	14.3	3.4
2088	4/24/2015 06:46:11	12.72	47.74	31.05	8.13	7.92	7.2	2.434	93.1	14.8	3.5
2089	4/24/2015 07:01:11	12.78	47.70	31.03	8.19	7.92	7.1	2.332	93.9	12.8	3.0
2090	4/24/2015 07:16:11	13.02	47.21	30.67	8.11	7.92	7.8	2.223	93.2	16.9	4.0
2091	4/24/2015 07:31:11	12.94	47.41	30.82	8.23	7.93	6.5	2.115	94.6	14.9	3.5
2092	4/24/2015 07:46:11	13.30	47.41	30.83	8.17	7.94	8.6	2.002	94.6	7.0	1.6
2093	4/24/2015 08:01:11	13.45	47.18	30.67	8.23	7.95	8.9	1.898	95.5	17.7	4.2
2094	4/24/2015 08:16:11	13.53	46.94	30.50	8.29	7.96	11.3	1.800	96.1	9.8	2.3
2095	4/24/2015 08:31:11	13.74	46.69	30.33	8.25	7.96	8.9	1.686	96.0	17.4	4.1
2096	4/24/2015 08:46:12	13.95	46.52	30.21	8.08	7.95	11.1	1.606	94.4	19.9	4.7
2097	4/24/2015 09:01:11	14.08	46.55	30.23	8.03	7.95	8.9	1.520	94.1	17.8	4.2
2098	4/24/2015 09:16:11	14.18	46.38	30.12	7.92	7.95	9.0	1.443	92.9	17.0	4.0
2099	4/24/2015 09:31:11	14.28	46.63	30.29	7.98	7.95	10.4	1.404	93.9	13.2	3.1
2100	4/24/2015 09:46:11	14.33	46.53	30.23	7.85	7.94	10.9	1.367	92.4	3.1	0.7
Mean		13.17	46.09	29.88	8.65	8.00	7.92	2.52	99.27	6.18	1.45
Minimum		10.36	34.44	21.69	7.51	7.88	2.10	0.95	87.00	1.50	0.40
Maximum		16.25	50.56	32.99	9.75	8.14	43.80	3.96	113.60	143.40	33.80

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	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 #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
0	4/24/2015 11:15:51	13.98	47.98	31.26	7.95	8.01	8.0	1.408	93.5	2.0	0.5
1	4/24/2015 11:30:52	13.95	48.06	31.32	8.04	8.02	7.8	1.437	94.5	2.7	0.6
2	4/24/2015 11:45:52	14.01	48.02	31.29	8.19	8.03	7.6	1.498	96.5	2.7	0.6
3	4/24/2015 12:00:51	14.07	47.91	31.22	8.20	8.03	7.5	1.527	96.7	2.8	0.7
4	4/24/2015 12:15:52	14.07	48.01	31.29	8.17	8.03	6.6	1.612	96.3	3.0	0.7
5	4/24/2015 12:30:52	14.09	47.88	31.19	8.13	8.03	7.4	1.674	95.8	3.6	0.9
6	4/24/2015 12:45:52	14.37	47.35	30.82	8.13	8.03	7.1	1.732	96.2	2.8	0.7
7	4/24/2015 13:00:52	14.22	47.13	30.66	8.13	8.03	6.8	1.792	95.7	3.3	0.8
8	4/24/2015 13:15:52	14.07	47.42	30.86	8.10	8.03	6.3	1.873	95.2	2.9	0.7
9	4/24/2015 13:30:51	14.07	47.41	30.86	8.07	8.02	5.5	1.938	94.8	2.7	0.6
10	4/24/2015 13:45:52	14.05	47.56	30.96	8.08	8.02	5.9	2.015	95.0	2.8	0.7
11	4/24/2015 14:00:52	13.61	48.02	31.28	8.06	8.02	5.3	2.085	94.2	2.5	0.6
12	4/24/2015 14:15:52	13.49	48.16	31.38	8.20	8.02	4.5	2.190	95.6	3.0	0.7
13	4/24/2015 14:30:52	13.11	48.49	31.60	8.36	8.03	4.8	2.263	96.8	2.4	0.6
14	4/24/2015 14:45:52	13.09	48.58	31.67	8.39	8.04	4.7	2.342	97.2	2.6	0.6
15	4/24/2015 15:00:52	13.11	48.61	31.69	8.41	8.04	4.6	2.411	97.4	2.5	0.6
16	4/24/2015 15:15:52	13.08	48.64	31.71	8.45	8.04	4.7	2.504	97.9	2.7	0.6
17	4/24/2015 15:30:52	12.96	48.70	31.75	8.46	8.04	5.0	2.556	97.8	2.8	0.7
18	4/24/2015 15:45:52	12.93	48.76	31.79	8.47	8.04	4.7	2.659	97.9	3.4	0.8
19	4/24/2015 16:00:52	12.93	48.77	31.80	8.53	8.04	5.3	2.729	98.5	2.9	0.7
20	4/24/2015 16:15:52	12.81	48.80	31.82	8.57	8.04	5.6	2.812	98.7	2.9	0.7
21	4/24/2015 16:30:52	12.64	48.99	31.95	8.57	8.04	7.2	2.850	98.5	2.2	0.5
22	4/24/2015 16:45:52	12.59	48.99	31.95	8.61	8.04	7.8	2.922	98.9	3.5	0.8
23	4/24/2015 17:00:52	12.53	49.17	32.08	8.66	8.04	5.1	2.959	99.4	3.4	0.8
24	4/24/2015 17:15:52	12.40	49.25	32.13	8.66	8.04	5.9	3.016	99.1	3.0	0.7
25	4/24/2015 17:30:52	12.05	49.49	32.29	8.52	8.03	5.0	3.080	97.0	2.9	0.7
26	4/24/2015 17:45:52	11.77	49.68	32.41	8.44	8.02	6.1	3.107	95.5	2.4	0.6
27	4/24/2015 18:00:51	11.57	49.78	32.48	8.36	8.01	4.3	3.156	94.2	3.3	0.8
28	4/24/2015 18:15:52	11.37	49.90	32.55	8.24	8.00	5.9	3.185	92.6	4.6	1.1
29	4/24/2015 18:30:52	11.68	49.80	32.49	8.22	8.01	5.0	3.184	92.9	3.1	0.7
30	4/24/2015 18:45:52	11.31	49.96	32.59	8.05	7.99	4.0	3.188	90.4	2.1	0.5
31	4/24/2015 19:00:52	11.35	49.92	32.56	8.07	8.00	3.9	3.171	90.7	2.3	0.5
32	4/24/2015 19:15:52	11.46	49.82	32.50	8.10	8.00	5.0	3.119	91.2	2.3	0.6
33	4/24/2015 19:30:52	11.81	49.63	32.38	8.26	8.02	5.1	3.056	93.6	2.7	0.6
34	4/24/2015 19:45:52	12.46	49.21	32.11	8.45	8.04	5.0	3.023	96.9	2.4	0.6
35	4/24/2015 20:00:52	12.70	49.09	32.03	8.73	8.08	4.7	2.957	100.5	2.6	0.6
36	4/24/2015 20:15:52	12.43	49.17	32.07	8.46	8.04	4.3	2.918	96.9	2.5	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
37	4/24/2015 20:30:52	12.93	48.90	31.90	8.51	8.06	3.9	2.855	98.4	2.7	0.6
38	4/24/2015 20:45:52	13.08	48.85	31.87	8.67	8.07	3.7	2.790	100.5	2.3	0.6
39	4/24/2015 21:00:52	13.20	48.77	31.81	8.68	8.08	4.0	2.747	100.9	2.5	0.6
40	4/24/2015 21:15:52	13.25	48.74	31.79	8.64	8.08	4.2	2.681	100.5	3.0	0.7
41	4/24/2015 21:30:52	13.27	48.70	31.76	8.54	8.07	4.6	2.636	99.3	3.6	0.9
42	4/24/2015 21:45:52	13.15	48.77	31.81	8.47	8.06	4.3	2.589	98.3	2.2	0.5
43	4/24/2015 22:00:52	13.34	48.65	31.73	8.51	8.07	4.6	2.557	99.1	2.6	0.6
44	4/24/2015 22:15:52	13.39	48.54	31.65	8.48	8.06	4.8	2.504	98.8	2.2	0.5
45	4/24/2015 22:30:52	13.37	48.49	31.62	8.41	8.06	5.0	2.488	97.9	2.5	0.6
46	4/24/2015 22:45:52	13.36	48.34	31.50	8.40	8.05	5.0	2.449	97.7	3.3	0.8
47	4/24/2015 23:00:52	13.53	48.33	31.50	8.38	8.05	5.4	2.421	97.9	3.4	0.8
48	4/24/2015 23:15:52	13.53	48.24	31.44	8.30	8.05	5.0	2.396	96.9	3.9	0.9
49	4/24/2015 23:30:52	13.34	48.50	31.62	8.40	8.04	3.8	2.397	97.8	2.4	0.6
50	4/24/2015 23:45:52	13.50	48.30	31.48	8.34	8.04	4.1	2.397	97.4	2.4	0.6
51	4/25/2015 00:00:52	13.62	48.18	31.40	8.42	8.05	4.5	2.391	98.4	2.4	0.6
52	4/25/2015 00:15:52	13.65	48.20	31.42	8.45	8.06	4.3	2.416	98.9	2.4	0.6
53	4/25/2015 00:30:52	13.50	48.37	31.53	8.39	8.05	4.8	2.441	98.0	2.6	0.6
54	4/25/2015 00:45:52	13.36	48.59	31.69	8.48	8.06	4.2	2.473	98.8	2.4	0.6
55	4/25/2015 01:00:52	13.20	48.71	31.77	8.55	8.06	4.7	2.527	99.3	3.0	0.7
56	4/25/2015 01:15:52	13.19	48.68	31.75	8.54	8.05	4.3	2.571	99.2	3.2	0.8
57	4/25/2015 01:30:52	13.12	48.65	31.72	8.53	8.05	4.2	2.619	98.9	3.1	0.7
58	4/25/2015 01:45:52	13.03	48.81	31.83	8.52	8.05	3.7	2.674	98.7	2.3	0.6
59	4/25/2015 02:00:52	12.89	48.90	31.90	8.49	8.04	4.0	2.737	98.1	2.6	0.6
60	4/25/2015 02:15:52	12.76	49.00	31.96	8.49	8.04	3.7	2.806	97.9	2.6	0.6
61	4/25/2015 02:30:53	12.58	49.06	32.00	8.51	8.04	3.4	2.853	97.7	3.3	0.8
62	4/25/2015 02:45:53	12.18	49.48	32.29	8.38	8.02	4.2	2.910	95.6	2.9	0.7
63	4/25/2015 03:00:52	12.05	49.54	32.33	8.35	8.02	3.7	2.954	95.0	2.5	0.6
64	4/25/2015 03:15:52	11.97	49.55	32.33	8.35	8.02	3.2	3.007	94.9	3.3	0.8
65	4/25/2015 03:30:52	11.77	49.71	32.43	8.28	8.01	3.3	3.072	93.8	1.9	0.5
66	4/25/2015 03:45:52	11.71	49.76	32.46	8.22	8.01	3.3	3.124	93.0	2.8	0.7
67	4/25/2015 04:00:52	11.50	49.90	32.56	8.19	8.00	3.1	3.170	92.3	1.9	0.5
68	4/25/2015 04:15:52	11.22	50.15	32.72	8.07	7.99	4.2	3.219	90.4	2.9	0.7
69	4/25/2015 04:30:52	10.99	50.26	32.79	7.96	7.98	3.8	3.253	88.8	2.1	0.5
70	4/25/2015 04:45:52	10.97	50.31	32.83	7.93	7.98	4.3	3.280	88.5	2.4	0.6
71	4/25/2015 05:00:52	10.94	50.32	32.83	7.91	7.98	3.9	3.314	88.2	2.6	0.6
72	4/25/2015 05:15:53	11.02	50.33	32.84	7.81	7.98	4.0	3.330	87.3	1.7	0.4
73	4/25/2015 05:30:53	11.03	50.29	32.82	7.79	7.98	3.7	3.333	87.1	1.8	0.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
74	4/25/2015 05:45:52	10.90	50.36	32.86	7.79	7.97	4.5	3.316	86.8	2.7	0.6
75	4/25/2015 06:00:53	11.07	50.23	32.77	7.87	7.98	4.1	3.283	87.9	2.6	0.6
76	4/25/2015 06:15:52	11.48	49.94	32.59	7.97	8.00	3.7	3.239	89.8	1.7	0.4
77	4/25/2015 06:30:52	11.98	49.54	32.32	8.02	8.01	3.6	3.199	91.2	1.3	0.3
78	4/25/2015 06:45:53	11.80	49.71	32.43	8.08	8.01	4.3	3.151	91.5	2.5	0.6
79	4/25/2015 07:00:53	12.08	49.42	32.24	8.21	8.02	4.0	3.079	93.4	1.8	0.4
80	4/25/2015 07:15:52	12.38	49.21	32.10	8.13	8.02	3.9	3.027	93.0	1.8	0.4
81	4/25/2015 07:30:53	12.46	49.17	32.07	8.16	8.02	4.4	2.956	93.6	1.9	0.5
82	4/25/2015 07:45:53	12.51	49.13	32.04	8.08	8.01	4.2	2.870	92.7	1.4	0.3
83	4/25/2015 08:00:52	12.68	48.98	31.94	8.14	8.02	4.0	2.800	93.6	1.7	0.4
84	4/25/2015 08:15:52	12.71	48.92	31.90	8.14	8.02	3.9	2.720	93.7	2.2	0.5
85	4/25/2015 08:30:52	12.92	48.83	31.84	8.20	8.02	4.3	2.646	94.8	2.1	0.5
86	4/25/2015 08:45:52	12.93	48.89	31.89	8.33	8.04	4.0	2.543	96.3	2.3	0.6
87	4/25/2015 09:00:52	13.10	48.81	31.84	8.47	8.05	4.1	2.457	98.3	2.0	0.5
88	4/25/2015 09:15:52	13.29	48.67	31.74	8.44	8.05	4.2	2.369	98.2	2.5	0.6
89	4/25/2015 09:30:52	13.47	48.56	31.67	8.42	8.05	4.2	2.281	98.3	2.2	0.5
90	4/25/2015 09:45:52	13.54	48.59	31.69	8.63	8.07	4.5	2.171	100.9	2.1	0.5
91	4/25/2015 10:00:52	13.73	48.55	31.67	8.73	8.08	4.5	2.079	102.4	2.5	0.6
92	4/25/2015 10:15:52	13.96	48.38	31.55	8.78	8.09	5.1	2.014	103.4	2.6	0.6
93	4/25/2015 10:30:52	14.16	48.22	31.45	8.69	8.09	5.0	1.913	102.8	2.3	0.6
94	4/25/2015 10:45:52	14.28	48.16	31.40	8.85	8.11	5.1	1.818	104.8	2.8	0.7
95	4/25/2015 11:00:52	14.42	48.20	31.44	8.81	8.11	5.0	1.755	104.7	2.7	0.6
96	4/25/2015 11:15:52	14.48	48.08	31.35	8.70	8.11	5.0	1.725	103.4	3.1	0.7
97	4/25/2015 11:30:52	14.56	48.11	31.37	8.78	8.11	4.9	1.655	104.6	2.6	0.6
98	4/25/2015 11:45:52	14.65	48.16	31.41	8.79	8.11	5.9	1.619	104.9	2.8	0.7
99	4/25/2015 12:00:52	14.45	48.15	31.40	8.67	8.09	5.3	1.637	103.1	3.1	0.7
100	4/25/2015 12:15:52	14.14	48.07	31.34	8.43	8.08	4.5	1.632	99.6	2.9	0.7
101	4/25/2015 12:30:52	14.09	48.19	31.42	8.36	8.07	4.5	1.632	98.7	5.8	1.4
102	4/25/2015 12:45:52	14.09	48.18	31.41	8.39	8.07	4.6	1.668	99.1	2.8	0.7
103	4/25/2015 13:00:52	14.38	48.16	31.41	8.58	8.08	4.3	1.715	101.9	2.7	0.6
104	4/25/2015 13:15:52	14.37	48.19	31.43	8.51	8.08	4.5	1.768	101.0	2.5	0.6
105	4/25/2015 13:30:52	14.31	48.21	31.44	8.47	8.07	4.0	1.806	100.5	2.1	0.5
106	4/25/2015 13:45:52	14.68	47.78	31.14	8.41	8.06	4.3	1.875	100.3	2.8	0.7
107	4/25/2015 14:00:52	14.53	47.43	30.88	8.34	8.05	5.1	1.940	99.1	3.4	0.8
108	4/25/2015 14:15:52	14.33	47.62	31.02	8.28	8.05	4.7	2.016	97.9	3.4	0.8
109	4/25/2015 14:30:52	14.42	47.69	31.07	8.30	8.05	4.5	2.077	98.4	2.5	0.6
110	4/25/2015 14:45:52	14.38	47.93	31.24	8.30	8.04	3.9	2.135	98.5	1.9	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
111	4/25/2015 15:00:52	13.94	48.26	31.47	8.32	8.04	4.0	2.215	97.9	2.9	0.7
112	4/25/2015 15:15:52	13.90	48.38	31.55	8.37	8.04	3.7	2.289	98.5	3.6	0.9
113	4/25/2015 15:30:52	14.01	48.51	31.65	8.39	8.04	3.6	2.359	99.0	2.7	0.6
114	4/25/2015 15:45:52	13.36	48.78	31.82	8.39	8.03	3.0	2.424	97.9	3.1	0.7
115	4/25/2015 16:00:52	13.08	48.93	31.92	8.41	8.03	3.1	2.498	97.5	5.9	1.4
116	4/25/2015 16:15:52	12.98	49.03	31.99	8.40	8.03	3.1	2.573	97.2	2.9	0.7
117	4/25/2015 16:30:52	12.92	49.07	32.02	8.41	8.03	3.4	2.637	97.3	2.8	0.7
118	4/25/2015 16:45:53	12.85	49.20	32.11	8.39	8.03	3.3	2.707	97.0	4.3	1.0
119	4/25/2015 17:00:53	12.80	49.26	32.15	8.34	8.02	3.1	2.780	96.4	2.4	0.6
120	4/25/2015 17:15:53	12.74	49.32	32.19	8.31	8.02	4.0	2.846	95.9	3.3	0.8
121	4/25/2015 17:30:53	12.59	49.41	32.25	8.27	8.01	3.7	2.906	95.2	2.6	0.6
122	4/25/2015 17:45:52	12.44	49.49	32.30	8.30	8.01	4.5	2.972	95.3	2.6	0.6
123	4/25/2015 18:00:53	12.35	49.61	32.39	8.35	8.01	5.4	3.031	95.6	2.1	0.5
124	4/25/2015 18:15:52	12.28	49.66	32.42	8.35	8.01	4.5	3.097	95.6	3.1	0.7
125	4/25/2015 18:30:52	12.24	49.72	32.46	8.35	8.01	4.0	3.128	95.5	2.4	0.6
126	4/25/2015 18:45:52	12.21	49.77	32.50	8.32	8.00	3.3	3.175	95.1	2.1	0.5
127	4/25/2015 19:00:52	12.03	49.86	32.55	8.28	8.00	3.6	3.209	94.3	2.6	0.6
128	4/25/2015 19:15:53	11.97	49.94	32.61	8.21	7.99	2.6	3.229	93.5	2.1	0.5
129	4/25/2015 19:30:53	12.26	49.80	32.52	8.25	8.00	3.5	3.230	94.4	2.8	0.7
130	4/25/2015 19:45:52	11.91	49.98	32.64	8.08	7.98	3.4	3.218	91.8	2.0	0.5
131	4/25/2015 20:00:53	11.95	49.93	32.60	8.13	7.99	3.4	3.210	92.5	1.8	0.4
132	4/25/2015 20:15:52	12.04	49.88	32.57	8.12	7.99	3.1	3.177	92.5	2.0	0.5
133	4/25/2015 20:30:52	12.47	49.61	32.40	8.23	8.01	3.7	3.110	94.5	2.1	0.5
134	4/25/2015 20:45:52	12.87	49.36	32.23	8.51	8.05	5.1	3.077	98.4	3.2	0.8
135	4/25/2015 21:00:52	12.67	49.40	32.25	8.44	8.03	4.2	3.017	97.3	3.1	0.7
136	4/25/2015 21:15:53	13.08	49.34	32.22	8.62	8.06	4.2	2.955	100.1	2.2	0.5
137	4/25/2015 21:30:52	13.41	49.12	32.07	8.66	8.07	4.2	2.901	101.2	2.0	0.5
138	4/25/2015 21:45:52	13.44	49.13	32.08	8.71	8.08	3.7	2.835	101.9	2.7	0.6
139	4/25/2015 22:00:53	13.51	49.05	32.03	8.64	8.07	3.9	2.794	101.2	1.9	0.4
140	4/25/2015 22:15:52	13.46	49.02	32.00	8.62	8.06	4.4	2.735	100.8	2.3	0.5
141	4/25/2015 22:30:52	13.46	48.92	31.93	8.60	8.06	4.4	2.682	100.6	2.5	0.6
142	4/25/2015 22:45:52	13.59	48.84	31.87	8.54	8.06	4.8	2.626	100.1	3.5	0.8
143	4/25/2015 23:00:52	13.77	48.67	31.76	8.52	8.06	4.8	2.581	100.1	3.2	0.8
144	4/25/2015 23:15:53	13.80	48.69	31.77	8.54	8.07	5.0	2.548	100.5	2.8	0.7
145	4/25/2015 23:30:52	13.92	48.61	31.72	8.48	8.06	5.2	2.493	99.9	2.5	0.6
146	4/25/2015 23:45:52	14.00	48.59	31.71	8.54	8.07	5.3	2.470	100.7	2.7	0.6
147	4/26/2015 00:00:52	14.31	48.39	31.57	8.62	8.09	5.6	2.442	102.3	3.1	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
148	4/26/2015 00:15:52	14.45	48.36	31.55	8.65	8.09	5.2	2.412	103.0	3.0	0.7
149	4/26/2015 00:30:53	14.50	48.37	31.56	8.68	8.10	5.5	2.407	103.4	3.6	0.9
150	4/26/2015 00:45:52	14.22	48.48	31.63	8.57	8.07	4.0	2.402	101.5	2.2	0.5
151	4/26/2015 01:00:52	14.59	48.28	31.50	8.72	8.11	5.6	2.408	104.1	3.2	0.8
152	4/26/2015 01:15:52	14.56	48.25	31.47	8.76	8.10	5.1	2.407	104.5	3.7	0.9
153	4/26/2015 01:30:52	13.85	48.61	31.72	8.48	8.05	4.2	2.428	99.8	3.6	0.9
154	4/26/2015 01:45:52	13.77	48.70	31.78	8.50	8.05	4.9	2.466	99.9	3.3	0.8
155	4/26/2015 02:00:52	13.88	48.60	31.71	8.53	8.06	5.0	2.492	100.5	2.7	0.6
156	4/26/2015 02:15:52	13.88	48.60	31.71	8.54	8.06	4.2	2.529	100.6	4.2	1.0
157	4/26/2015 02:30:52	13.79	48.57	31.69	8.54	8.06	3.9	2.584	100.4	2.5	0.6
158	4/26/2015 02:45:53	13.48	48.89	31.91	8.50	8.04	3.7	2.632	99.4	2.5	0.6
159	4/26/2015 03:00:52	13.24	49.08	32.04	8.38	8.03	4.2	2.667	97.6	3.7	0.9
160	4/26/2015 03:15:52	13.00	49.15	32.08	8.33	8.02	3.4	2.721	96.5	4.2	1.0
161	4/26/2015 03:30:52	13.01	49.19	32.11	8.35	8.02	4.2	2.778	96.9	5.7	1.4
162	4/26/2015 03:45:53	12.97	49.22	32.13	8.38	8.02	3.7	2.817	97.1	3.9	0.9
163	4/26/2015 04:00:52	12.71	49.45	32.29	8.31	8.01	3.6	2.867	95.8	5.2	1.2
164	4/26/2015 04:15:52	12.62	49.45	32.28	8.31	8.01	3.5	2.922	95.7	5.0	1.2
165	4/26/2015 04:30:52	12.49	49.52	32.33	8.31	8.01	3.1	2.968	95.4	3.4	0.8
166	4/26/2015 04:45:52	12.45	49.58	32.37	8.32	8.01	3.0	3.004	95.5	3.1	0.7
167	4/26/2015 05:00:53	12.38	49.64	32.41	8.33	8.01	3.1	3.055	95.5	3.9	0.9
168	4/26/2015 05:15:53	12.26	49.72	32.47	8.30	8.01	3.0	3.102	95.0	3.7	0.9
169	4/26/2015 05:30:52	12.13	49.80	32.52	8.26	8.00	3.1	3.133	94.2	3.3	0.8
170	4/26/2015 05:45:53	12.05	49.83	32.53	8.25	8.00	4.1	3.167	94.0	3.2	0.8
171	4/26/2015 06:00:52	11.96	49.91	32.59	8.21	8.00	3.0	3.200	93.5	3.0	0.7
172	4/26/2015 06:15:52	11.85	49.98	32.63	8.14	7.99	3.4	3.213	92.4	1.3	0.3
173	4/26/2015 06:30:52	11.80	50.01	32.65	8.10	7.98	2.3	3.226	91.9	2.4	0.6
174	4/26/2015 06:45:52	11.72	50.19	32.78	7.97	7.97	2.8	3.225	90.3	1.9	0.4
175	4/26/2015 07:00:52	11.68	50.20	32.78	7.96	7.97	3.0	3.211	90.1	1.4	0.3
176	4/26/2015 07:15:53	12.19	49.84	32.55	7.93	7.98	3.7	3.184	90.6	1.8	0.4
177	4/26/2015 07:30:53	12.48	49.56	32.36	7.93	7.99	3.5	3.147	91.1	1.5	0.4
178	4/26/2015 07:45:53	12.72	49.40	32.25	8.09	8.00	3.6	3.100	93.3	2.5	0.6
179	4/26/2015 08:00:53	12.62	49.42	32.26	8.24	8.02	3.8	3.037	94.8	2.1	0.5
180	4/26/2015 08:15:53	12.72	49.37	32.23	8.32	8.03	4.7	2.987	96.0	2.5	0.6
181	4/26/2015 08:30:53	12.95	49.22	32.13	8.20	8.02	4.8	2.919	94.9	1.9	0.5
182	4/26/2015 08:45:53	12.97	49.22	32.13	8.18	8.02	4.5	2.845	94.8	1.5	0.4
183	4/26/2015 09:00:52	13.25	49.07	32.03	8.34	8.04	4.8	2.773	97.2	2.1	0.5
184	4/26/2015 09:15:52	13.32	49.05	32.02	8.43	8.04	4.3	2.697	98.3	1.8	0.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
185	4/26/2015 09:30:53	13.44	48.99	31.98	8.46	8.05	4.0	2.624	98.9	2.9	0.7
186	4/26/2015 09:45:52	13.70	48.78	31.84	8.55	8.06	4.3	2.528	100.4	2.2	0.5
187	4/26/2015 10:00:52	13.95	48.64	31.74	8.71	8.09	4.5	2.457	102.7	2.6	0.6
188	4/26/2015 10:15:52	14.21	48.64	31.75	8.64	8.10	4.7	2.370	102.5	2.5	0.6
189	4/26/2015 10:30:52	14.45	48.51	31.66	8.75	8.11	4.7	2.287	104.2	2.7	0.6
190	4/26/2015 10:45:53	14.60	48.56	31.70	8.98	8.12	4.7	2.209	107.3	2.8	0.7
191	4/26/2015 11:00:52	14.76	48.43	31.61	8.91	8.12	4.5	2.122	106.8	2.4	0.6
192	4/26/2015 11:15:52	14.91	48.42	31.61	9.18	8.13	4.7	2.048	110.4	1.6	0.4
193	4/26/2015 11:30:52	15.08	48.40	31.60	9.15	8.13	4.8	1.966	110.3	2.3	0.5
194	4/26/2015 11:45:52	15.10	48.38	31.58	9.07	8.13	4.3	1.907	109.4	2.3	0.5
195	4/26/2015 12:00:52	14.94	48.38	31.58	8.79	8.12	4.0	1.853	105.6	1.2	0.3
196	4/26/2015 12:15:52	14.88	48.32	31.54	8.69	8.12	3.4	1.786	104.3	2.4	0.6
197	4/26/2015 12:30:52	14.85	48.37	31.57	8.63	8.11	2.9	1.766	103.5	1.7	0.4
198	4/26/2015 12:45:52	14.88	48.44	31.62	8.46	8.09	3.7	1.747	101.6	1.0	0.2
199	4/26/2015 13:00:52	14.71	48.43	31.61	8.70	8.11	3.5	1.727	104.2	2.1	0.5
200	4/26/2015 13:15:52	14.64	48.45	31.62	8.89	8.12	6.8	1.740	106.3	2.3	0.5
201	4/26/2015 13:30:53	14.63	48.47	31.64	8.90	8.12	3.4	1.750	106.3	2.1	0.5
202	4/26/2015 13:45:52	14.70	48.43	31.61	8.86	8.11	3.9	1.788	106.0	2.0	0.5
203	4/26/2015 14:00:52	14.92	48.42	31.61	8.87	8.11	3.7	1.822	106.6	3.1	0.7
204	4/26/2015 14:15:52	14.97	48.34	31.55	8.85	8.11	3.4	1.864	106.5	2.5	0.6
205	4/26/2015 14:30:52	15.13	48.29	31.52	8.85	8.11	4.0	1.913	106.7	2.6	0.6
206	4/26/2015 14:45:52	15.29	47.96	31.28	8.71	8.10	4.1	1.972	105.3	3.8	0.9
207	4/26/2015 15:00:52	15.03	48.04	31.34	8.67	8.09	3.7	2.032	104.3	4.4	1.0
208	4/26/2015 15:15:52	14.94	48.02	31.31	8.60	8.09	4.8	2.078	103.2	3.5	0.8
209	4/26/2015 15:30:53	14.77	48.23	31.46	8.59	8.08	3.9	2.144	102.8	4.7	1.1
210	4/26/2015 15:45:52	14.73	48.20	31.45	8.55	8.08	3.2	2.204	102.3	4.4	1.1
211	4/26/2015 16:00:53	14.80	48.22	31.46	8.61	8.08	3.7	2.276	103.2	4.0	1.0
212	4/26/2015 16:15:52	14.81	48.28	31.50	8.72	8.09	4.2	2.338	104.6	4.3	1.0
213	4/26/2015 16:30:52	14.80	48.45	31.63	8.75	8.08	3.8	2.402	105.0	3.6	0.9
214	4/26/2015 16:45:53	14.72	48.59	31.72	8.72	8.07	3.2	2.484	104.5	2.8	0.7
215	4/26/2015 17:00:53	13.75	49.01	32.01	8.61	8.04	2.9	2.553	101.2	2.6	0.6
216	4/26/2015 17:15:52	13.41	49.17	32.11	8.51	8.03	2.9	2.615	99.5	3.3	0.8
217	4/26/2015 17:30:52	13.41	49.19	32.13	8.56	8.04	3.0	2.696	100.1	2.7	0.7
218	4/26/2015 17:45:52	13.16	49.30	32.20	8.50	8.02	3.6	2.765	98.9	2.3	0.5
219	4/26/2015 18:00:52	13.08	49.39	32.26	8.47	8.02	3.4	2.820	98.5	2.5	0.6
220	4/26/2015 18:15:53	13.01	49.48	32.32	8.47	8.02	3.7	2.894	98.4	2.9	0.7
221	4/26/2015 18:30:52	13.04	49.50	32.33	8.51	8.02	3.6	2.950	98.9	2.7	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
222	4/26/2015 18:45:53	12.91	49.59	32.40	8.48	8.01	3.7	3.002	98.4	2.9	0.7
223	4/26/2015 19:00:53	12.76	49.68	32.46	8.51	8.01	3.2	3.067	98.4	2.3	0.5
224	4/26/2015 19:15:53	12.65	49.80	32.54	8.52	8.01	3.8	3.110	98.3	2.4	0.6
225	4/26/2015 19:30:53	12.64	49.81	32.54	8.50	8.01	3.1	3.157	98.1	3.0	0.7
226	4/26/2015 19:45:53	12.62	49.87	32.59	8.52	8.01	2.5	3.204	98.3	3.1	0.7
227	4/26/2015 20:00:53	12.47	49.92	32.62	8.50	8.00	2.3	3.226	97.8	2.8	0.7
228	4/26/2015 20:15:53	12.42	50.01	32.68	8.46	8.00	2.5	3.238	97.3	1.9	0.4
229	4/26/2015 20:30:53	12.50	49.99	32.67	8.22	7.99	2.3	3.257	94.6	2.4	0.6
230	4/26/2015 20:45:53	12.35	50.06	32.71	8.33	7.99	2.3	3.238	95.6	1.5	0.4
231	4/26/2015 21:00:53	12.36	49.99	32.67	8.32	7.99	2.4	3.210	95.5	1.4	0.3
232	4/26/2015 21:15:53	12.50	49.89	32.60	8.34	8.00	3.4	3.182	96.0	3.1	0.7
233	4/26/2015 21:30:52	12.73	49.73	32.49	8.36	8.01	3.6	3.135	96.6	2.1	0.5
234	4/26/2015 21:45:53	13.05	49.54	32.37	8.27	8.03	5.3	3.080	96.2	2.7	0.6
235	4/26/2015 22:00:53	13.07	49.63	32.43	8.46	8.03	5.2	3.019	98.4	2.9	0.7
236	4/26/2015 22:15:52	13.20	49.54	32.37	8.56	8.04	4.7	2.950	99.8	1.7	0.4
237	4/26/2015 22:30:52	13.40	49.43	32.30	8.71	8.06	3.6	2.894	101.9	4.2	1.0
238	4/26/2015 22:45:53	13.54	49.34	32.24	8.69	8.06	4.0	2.826	102.0	2.6	0.6
239	4/26/2015 23:00:53	13.77	49.21	32.15	8.72	8.08	4.9	2.759	102.7	2.7	0.7
240	4/26/2015 23:15:53	13.72	49.20	32.14	8.55	8.06	4.9	2.710	100.6	2.0	0.5
241	4/26/2015 23:30:53	13.44	48.55	31.66	8.53	8.04	5.2	2.640	99.5	2.7	0.6
242	4/26/2015 23:45:52	13.50	49.57	32.40	8.42	8.04	4.3	2.582	98.8	3.1	0.7
243	4/27/2015 00:00:52	13.69	49.42	32.30	8.48	8.05	4.6	2.527	99.8	3.1	0.7
244	4/27/2015 00:15:52	13.80	48.88	31.91	8.46	8.05	5.0	2.470	99.6	2.9	0.7
245	4/27/2015 00:30:53	14.10	48.75	31.83	8.54	8.07	5.0	2.425	101.1	3.2	0.8
246	4/27/2015 00:45:52	14.61	48.15	31.41	8.67	8.09	4.9	2.386	103.4	3.0	0.7
247	4/27/2015 01:00:52	14.87	47.73	31.10	8.82	8.11	4.7	2.342	105.6	3.9	0.9
248	4/27/2015 01:15:52	14.88	48.25	31.49	8.82	8.11	4.8	2.308	105.8	3.8	0.9
249	4/27/2015 01:30:52	15.05	47.84	31.19	8.88	8.12	4.8	2.290	106.8	3.1	0.7
250	4/27/2015 01:45:52	14.69	48.29	31.51	8.53	8.09	3.6	2.278	101.9	2.7	0.6
251	4/27/2015 02:00:52	14.91	47.76	31.13	8.79	8.11	4.8	2.277	105.3	3.4	0.8
252	4/27/2015 02:15:52	15.18	47.83	31.19	8.92	8.14	5.1	2.278	107.5	3.7	0.9
253	4/27/2015 02:30:52	14.82	47.78	31.14	8.81	8.10	4.6	2.303	105.4	2.5	0.6
254	4/27/2015 02:45:52	14.18	48.12	31.37	8.50	8.06	4.5	2.330	100.5	2.3	0.5
255	4/27/2015 03:00:52	14.22	48.11	31.37	8.40	8.05	4.9	2.374	99.4	3.0	0.7
256	4/27/2015 03:15:52	14.42	48.02	31.30	8.62	8.08	4.8	2.407	102.4	2.7	0.6
257	4/27/2015 03:30:52	14.55	47.94	31.25	8.68	8.09	4.7	2.454	103.3	2.4	0.6
258	4/27/2015 03:45:52	14.04	48.26	31.47	8.52	8.05	3.7	2.508	100.5	2.0	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
259	4/27/2015 04:00:52	13.94	48.24	31.45	8.54	8.05	4.1	2.553	100.6	2.7	0.6
260	4/27/2015 04:15:52	13.76	48.28	31.47	8.53	8.04	3.8	2.603	100.1	2.2	0.5
261	4/27/2015 04:30:52	13.65	48.41	31.57	8.48	8.04	3.9	2.653	99.3	2.7	0.6
262	4/27/2015 04:45:53	13.53	48.47	31.60	8.49	8.03	3.6	2.701	99.1	2.5	0.6
263	4/27/2015 05:00:53	13.47	48.67	31.75	8.47	8.03	3.6	2.759	99.0	2.1	0.5
264	4/27/2015 05:15:52	13.25	48.78	31.82	8.45	8.02	3.2	2.796	98.3	2.3	0.6
265	4/27/2015 05:30:53	13.12	48.79	31.82	8.46	8.02	2.9	2.846	98.2	2.5	0.6
266	4/27/2015 05:45:53	12.97	49.04	32.00	8.43	8.01	3.1	2.897	97.6	2.4	0.6
267	4/27/2015 06:00:53	12.89	49.11	32.05	8.39	8.01	2.9	2.933	97.1	2.5	0.6
268	4/27/2015 06:15:53	12.80	49.08	32.02	8.41	8.01	3.2	2.975	97.1	2.6	0.6
269	4/27/2015 06:30:53	12.73	49.18	32.09	8.42	8.01	3.6	3.013	97.1	2.5	0.6
270	4/27/2015 06:45:52	12.59	49.16	32.07	8.41	8.01	3.4	3.060	96.7	3.2	0.8
271	4/27/2015 07:00:53	12.49	49.27	32.15	8.38	8.00	2.4	3.079	96.2	2.7	0.7
272	4/27/2015 07:15:53	12.42	49.42	32.26	8.34	8.00	2.8	3.109	95.6	2.8	0.7
273	4/27/2015 07:30:53	12.36	49.45	32.27	8.32	8.00	3.1	3.137	95.3	2.6	0.6
274	4/27/2015 07:45:52	12.40	49.40	32.24	8.24	7.99	2.0	3.144	94.4	2.3	0.5
275	4/27/2015 08:00:53	12.43	49.49	32.31	8.07	7.98	2.3	3.143	92.6	1.4	0.3
276	4/27/2015 08:15:53	12.35	49.56	32.35	8.14	7.99	2.7	3.133	93.3	1.6	0.4
277	4/27/2015 08:30:53	12.65	49.27	32.16	8.21	8.00	3.0	3.111	94.5	2.7	0.6
278	4/27/2015 08:45:52	13.17	48.96	31.95	8.31	8.02	3.6	3.064	96.6	2.0	0.5
279	4/27/2015 09:00:52	13.20	48.97	31.95	8.40	8.02	3.4	3.030	97.7	1.4	0.3
280	4/27/2015 09:15:53	13.58	48.75	31.81	8.49	8.04	5.7	2.968	99.5	2.7	0.6
281	4/27/2015 09:30:53	13.34	48.87	31.89	8.38	8.03	3.8	2.897	97.7	1.3	0.3
282	4/27/2015 09:45:53	13.39	48.73	31.79	8.38	8.03	4.4	2.836	97.7	2.2	0.5
283	4/27/2015 10:00:53	13.52	48.57	31.68	8.38	8.03	4.0	2.762	97.9	2.7	0.6
284	4/27/2015 10:15:52	13.76	48.64	31.74	8.39	8.04	3.4	2.694	98.6	2.2	0.5
285	4/27/2015 10:30:52	14.00	48.54	31.67	8.51	8.05	3.4	2.621	100.5	2.0	0.5
286	4/27/2015 10:45:52	14.21	48.53	31.67	8.66	8.06	3.5	2.538	102.6	2.1	0.5
287	4/27/2015 11:00:52	14.34	48.54	31.68	8.75	8.07	3.5	2.476	104.0	2.3	0.5
288	4/27/2015 11:15:53	14.82	48.57	31.72	9.08	8.10	3.4	2.380	109.0	2.9	0.7
289	4/27/2015 11:30:52	14.97	48.22	31.46	8.82	8.10	3.7	2.308	106.1	2.8	0.7
290	4/27/2015 11:45:52	15.23	48.14	31.41	8.96	8.11	3.9	2.239	108.2	2.6	0.6
291	4/27/2015 12:00:52	15.59	48.23	31.48	9.18	8.12	3.6	2.155	111.7	2.6	0.6
292	4/27/2015 12:15:52	15.75	48.00	31.32	9.29	8.13	3.8	2.080	113.3	2.4	0.6
293	4/27/2015 12:30:52	15.74	48.08	31.38	9.05	8.12	4.0	2.018	110.4	2.5	0.6
294	4/27/2015 12:45:52	15.52	48.08	31.37	8.82	8.11	3.7	1.954	107.1	1.7	0.4
295	4/27/2015 13:00:52	15.41	47.80	31.17	8.79	8.11	3.0	1.892	106.4	1.3	0.3

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
296	4/27/2015 13:15:52	15.42	47.97	31.29	8.88	8.12	3.7	1.850	107.6	1.3	0.3
297	4/27/2015 13:30:52	15.43	47.93	31.27	8.76	8.11	2.8	1.826	106.1	1.5	0.4
298	4/27/2015 13:45:52	15.39	48.63	31.77	8.75	8.10	3.6	1.788	106.2	2.3	0.6
299	4/27/2015 14:00:52	15.23	48.63	31.77	8.93	8.12	3.3	1.793	108.1	2.3	0.5
300	4/27/2015 14:15:52	15.69	48.72	31.85	9.05	8.12	3.2	1.805	110.7	2.2	0.5
301	4/27/2015 14:30:51	16.46	48.56	31.74	9.28	8.15	4.3	1.818	115.1	2.5	0.6
302	4/27/2015 14:45:52	15.67	48.68	31.81	9.14	8.11	3.5	1.856	111.6	2.5	0.6
303	4/27/2015 15:00:52	15.40	48.69	31.81	9.04	8.11	3.6	1.878	109.8	2.8	0.7
304	4/27/2015 15:15:52	15.39	48.49	31.67	9.00	8.11	4.0	1.933	109.2	3.2	0.8
305	4/27/2015 15:30:52	16.03	48.47	31.67	8.96	8.11	4.0	1.994	110.1	3.0	0.7
306	4/27/2015 15:45:52	16.14	48.43	31.64	8.86	8.11	4.0	2.032	109.1	3.9	0.9
307	4/27/2015 16:00:52	15.77	48.33	31.56	8.83	8.10	4.0	2.093	107.9	2.8	0.7
308	4/27/2015 16:15:51	15.53	48.44	31.64	8.80	8.09	3.4	2.148	107.1	3.3	0.8
309	4/27/2015 16:30:52	15.22	48.63	31.76	8.78	8.08	2.9	2.215	106.2	2.5	0.6
310	4/27/2015 16:45:52	15.34	48.55	31.71	8.86	8.09	3.5	2.278	107.4	2.9	0.7
311	4/27/2015 17:00:52	15.69	48.62	31.77	8.97	8.10	3.3	2.347	109.6	3.3	0.8
312	4/27/2015 17:15:52	15.20	48.84	31.92	8.88	8.08	3.2	2.415	107.5	3.6	0.9
313	4/27/2015 17:30:52	14.92	48.98	32.02	8.87	8.07	3.3	2.498	106.8	4.3	1.0
314	4/27/2015 17:45:53	14.00	49.27	32.20	8.72	8.04	3.2	2.563	103.2	2.9	0.7
315	4/27/2015 18:00:52	13.81	49.36	32.26	8.69	8.04	3.6	2.631	102.5	2.9	0.7
316	4/27/2015 18:15:52	13.68	49.44	32.32	8.66	8.04	3.2	2.712	102.0	2.4	0.6
317	4/27/2015 18:30:53	13.67	49.48	32.35	8.75	8.04	3.3	2.777	103.0	3.1	0.7
318	4/27/2015 18:45:53	13.38	49.62	32.44	8.64	8.02	3.4	2.850	101.1	2.1	0.5
319	4/27/2015 19:00:53	13.24	49.70	32.49	8.65	8.02	4.0	2.913	101.0	2.7	0.6
320	4/27/2015 19:15:53	13.10	49.80	32.56	8.64	8.02	3.4	2.981	100.6	3.1	0.7
321	4/27/2015 19:30:53	13.02	49.81	32.56	8.64	8.02	3.1	3.046	100.5	2.9	0.7
322	4/27/2015 19:45:53	12.99	49.90	32.63	8.69	8.02	3.1	3.105	101.0	3.4	0.8
323	4/27/2015 20:00:53	13.04	49.32	32.21	8.76	8.02	3.2	3.167	101.7	2.6	0.6
324	4/27/2015 20:15:53	13.02	50.00	32.70	8.74	8.02	3.6	3.220	101.7	4.0	1.0
325	4/27/2015 20:30:52	12.78	50.13	32.79	8.75	8.02	3.2	3.265	101.4	3.1	0.7
326	4/27/2015 20:45:53	12.66	50.19	32.83	8.72	8.02	2.9	3.294	100.9	4.1	1.0
327	4/27/2015 21:00:52	12.48	50.26	32.87	8.70	8.01	2.4	3.324	100.3	2.5	0.6
328	4/27/2015 21:15:52	12.79	50.00	32.69	8.56	8.00	2.7	3.340	99.1	2.7	0.6
329	4/27/2015 21:30:52	12.52	50.25	32.86	8.45	8.00	2.1	3.333	97.5	2.8	0.7
330	4/27/2015 21:45:53	12.48	50.28	32.88	8.56	8.00	2.9	3.302	98.6	3.2	0.8
331	4/27/2015 22:00:53	12.63	50.15	32.80	8.52	8.00	3.5	3.266	98.4	2.4	0.6
332	4/27/2015 22:15:52	13.51	49.66	32.47	8.27	8.02	5.0	3.222	97.1	3.4	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
333	4/27/2015 22:30:52	13.76	49.62	32.45	8.61	8.05	4.7	3.157	101.6	2.7	0.6
334	4/27/2015 22:45:52	13.49	49.75	32.53	8.72	8.04	4.3	3.082	102.4	3.3	0.8
335	4/27/2015 23:00:53	13.84	49.56	32.41	8.58	8.05	4.2	3.013	101.4	2.5	0.6
336	4/27/2015 23:15:53	14.00	49.46	32.34	8.64	8.05	4.2	2.952	102.4	3.0	0.7
337	4/27/2015 23:30:53	13.95	49.46	32.34	8.46	8.04	4.2	2.875	100.1	2.2	0.5
338	4/27/2015 23:45:53	14.16	49.34	32.26	8.40	8.04	5.0	2.791	99.8	2.6	0.6
339	4/28/2015 00:00:52	14.25	49.21	32.16	8.34	8.04	4.1	2.737	99.2	2.7	0.6
340	4/28/2015 00:15:52	14.34	49.22	32.18	8.35	8.04	4.5	2.674	99.6	2.4	0.6
341	4/28/2015 00:30:53	14.75	49.02	32.04	8.51	8.06	4.4	2.599	102.2	2.8	0.7
342	4/28/2015 00:45:52	14.68	49.08	32.09	8.54	8.06	4.8	2.536	102.4	3.0	0.7
343	4/28/2015 01:00:52	15.08	48.86	31.94	8.55	8.07	4.8	2.473	103.3	3.2	0.8
344	4/28/2015 01:15:52	15.25	48.89	31.96	8.67	8.09	5.6	2.419	105.1	3.2	0.8
345	4/28/2015 01:30:52	15.21	48.90	31.97	8.68	8.09	5.5	2.350	105.1	3.0	0.7
346	4/28/2015 01:45:52	15.43	48.87	31.95	8.71	8.10	5.9	2.294	106.0	3.6	0.9
347	4/28/2015 02:00:52	15.66	48.83	31.92	8.89	8.12	5.6	2.252	108.6	2.5	0.6
348	4/28/2015 02:15:52	15.71	48.78	31.89	8.87	8.12	5.6	2.214	108.5	3.4	0.8
349	4/28/2015 02:30:52	15.73	48.79	31.90	8.81	8.12	5.6	2.164	107.7	2.1	0.5
350	4/28/2015 02:45:52	15.69	48.75	31.87	8.73	8.11	4.8	2.151	106.7	3.6	0.9
351	4/28/2015 03:00:52	15.30	48.80	31.89	8.57	8.08	6.2	2.159	104.0	2.1	0.5
352	4/28/2015 03:15:52	15.70	48.73	31.85	8.81	8.12	4.7	2.153	107.8	3.4	0.8
353	4/28/2015 03:30:52	15.83	48.73	31.86	8.94	8.13	4.7	2.172	109.5	2.4	0.6
354	4/28/2015 03:45:52	15.61	48.75	31.86	8.75	8.11	5.3	2.202	106.8	2.5	0.6
355	4/28/2015 04:00:52	15.23	48.73	31.84	8.63	8.08	4.7	2.253	104.5	2.6	0.6
356	4/28/2015 04:15:52	15.07	48.74	31.85	8.48	8.06	5.0	2.305	102.3	2.2	0.5
357	4/28/2015 04:30:52	15.43	48.68	31.81	8.60	8.09	5.3	2.337	104.6	1.9	0.5
358	4/28/2015 04:45:52	15.07	48.84	31.92	8.50	8.06	3.9	2.403	102.7	3.0	0.7
359	4/28/2015 05:00:52	14.96	48.85	31.93	8.48	8.06	4.0	2.464	102.2	2.8	0.7
360	4/28/2015 05:15:52	14.87	48.80	31.88	8.47	8.06	4.0	2.504	101.9	2.5	0.6
361	4/28/2015 05:30:52	14.50	49.11	32.10	8.40	8.04	4.0	2.548	100.4	2.9	0.7
362	4/28/2015 05:45:53	14.31	49.23	32.18	8.39	8.03	4.6	2.614	99.9	2.6	0.6
363	4/28/2015 06:00:52	14.00	49.39	32.29	8.39	8.02	4.3	2.662	99.4	2.7	0.6
364	4/28/2015 06:15:53	13.90	49.43	32.31	8.41	8.02	3.3	2.700	99.5	2.1	0.5
365	4/28/2015 06:30:53	13.72	49.52	32.38	8.46	8.02	3.1	2.761	99.8	3.0	0.7
366	4/28/2015 06:45:53	13.68	49.54	32.39	8.45	8.02	3.0	2.810	99.6	1.6	0.4
367	4/28/2015 07:00:53	13.58	49.61	32.44	8.45	8.02	2.8	2.862	99.3	3.2	0.8
368	4/28/2015 07:15:53	13.42	49.71	32.50	8.45	8.01	2.9	2.910	99.1	1.8	0.4
369	4/28/2015 07:30:53	13.34	49.75	32.53	8.44	8.01	2.8	2.956	98.8	2.9	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
370	4/28/2015 07:45:53	13.28	49.78	32.55	8.42	8.01	2.5	3.008	98.4	1.4	0.3
371	4/28/2015 08:00:52	13.09	49.85	32.60	8.40	8.01	2.7	3.032	97.8	2.4	0.6
372	4/28/2015 08:15:52	13.03	49.92	32.65	8.40	8.01	2.8	3.063	97.8	2.0	0.5
373	4/28/2015 08:30:52	12.98	49.93	32.65	8.38	8.00	2.5	3.089	97.5	2.2	0.5
374	4/28/2015 08:45:53	12.95	49.98	32.69	8.35	8.00	2.1	3.102	97.0	2.2	0.5
375	4/28/2015 09:00:52	13.12	49.88	32.62	8.28	8.00	2.3	3.111	96.5	2.6	0.6
376	4/28/2015 09:15:52	12.99	49.95	32.66	8.24	7.99	2.4	3.095	95.9	1.9	0.5
377	4/28/2015 09:30:52	12.98	49.91	32.64	8.26	8.00	2.7	3.088	96.0	1.7	0.4
378	4/28/2015 09:45:53	13.07	49.92	32.64	8.28	8.00	2.6	3.053	96.4	1.3	0.3
379	4/28/2015 10:00:53	13.38	49.74	32.52	8.38	8.01	3.1	3.004	98.2	1.9	0.5
380	4/28/2015 10:15:53	13.67	49.62	32.44	8.55	8.03	2.9	2.955	100.7	1.4	0.3
381	4/28/2015 10:30:52	14.01	49.46	32.34	8.95	8.07	3.4	2.885	106.1	2.4	0.6
382	4/28/2015 10:45:52	14.07	49.42	32.31	9.12	8.08	3.4	2.830	108.2	1.8	0.4
383	4/28/2015 11:00:53	14.27	49.47	32.35	9.17	8.08	3.2	2.755	109.2	1.5	0.4
384	4/28/2015 11:15:52	14.51	49.32	32.25	8.89	8.07	3.6	2.674	106.4	2.2	0.5
385	4/28/2015 11:30:52	14.75	49.29	32.24	9.21	8.10	3.5	2.608	110.8	2.7	0.6
386	4/28/2015 11:45:52	15.03	49.25	32.21	9.16	8.10	3.4	2.541	110.7	2.9	0.7
387	4/28/2015 12:00:52	15.25	49.17	32.16	9.27	8.10	3.5	2.452	112.5	1.6	0.4
388	4/28/2015 12:15:52	15.64	49.02	32.06	9.35	8.12	4.0	2.380	114.3	2.9	0.7
389	4/28/2015 12:30:52	16.00	48.96	32.03	9.65	8.14	4.5	2.303	118.7	2.8	0.7
390	4/28/2015 12:45:52	16.13	48.93	32.00	9.24	8.13	4.7	2.217	114.0	2.0	0.5
391	4/28/2015 13:00:51	16.51	48.92	32.00	9.67	8.16	5.0	2.145	120.2	1.7	0.4
392	4/28/2015 13:15:52	16.50	48.86	31.96	9.23	8.13	5.2	2.077	114.7	2.5	0.6
393	4/28/2015 13:30:52	16.86	48.94	32.02	9.52	8.16	5.3	2.007	119.2	2.4	0.6
394	4/28/2015 13:45:51	16.67	48.81	31.92	9.35	8.14	5.4	1.959	116.5	1.7	0.4
395	4/28/2015 14:00:52	16.59	48.83	31.94	9.27	8.14	5.0	1.907	115.4	2.6	0.6
396	4/28/2015 14:15:52	16.45	48.74	31.87	9.13	8.13	3.8	1.866	113.3	1.8	0.4
397	4/28/2015 14:30:51	16.44	48.79	31.90	8.92	8.12	3.4	1.846	110.7	1.9	0.5
398	4/28/2015 14:45:52	17.02	48.97	32.05	9.76	8.17	6.5	1.825	122.6	2.0	0.5
399	4/28/2015 15:00:52	16.44	48.82	31.93	9.35	8.14	10.1	1.822	116.0	1.6	0.4
400	4/28/2015 15:15:52	16.18	48.82	31.92	9.29	8.14	6.4	1.837	114.7	2.1	0.5
401	4/28/2015 15:30:52	16.72	48.76	31.89	9.50	8.16	4.3	1.855	118.6	3.0	0.7
402	4/28/2015 15:45:52	16.62	48.79	31.91	9.44	8.15	4.4	1.898	117.5	2.9	0.7
403	4/28/2015 16:00:52	16.40	48.81	31.92	9.25	8.13	3.8	1.935	114.7	2.6	0.6
404	4/28/2015 16:15:52	16.25	48.67	31.81	9.24	8.13	3.4	1.975	114.2	2.8	0.7
405	4/28/2015 16:30:52	16.22	48.81	31.92	9.19	8.13	3.7	2.028	113.5	2.7	0.6
406	4/28/2015 16:45:52	16.14	48.82	31.93	9.14	8.12	3.7	2.101	112.8	2.3	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
407	4/28/2015 17:00:52	16.25	48.88	31.97	9.10	8.12	3.7	2.156	112.5	3.4	0.8
408	4/28/2015 17:15:52	16.46	48.69	31.83	9.03	8.12	4.5	2.223	112.0	3.4	0.8
409	4/28/2015 17:30:52	16.23	48.65	31.80	8.98	8.11	3.7	2.294	110.9	2.7	0.6
410	4/28/2015 17:45:52	16.23	48.69	31.83	8.96	8.11	3.7	2.359	110.7	3.4	0.8
411	4/28/2015 18:00:52	16.27	48.66	31.81	9.04	8.11	3.9	2.434	111.8	3.6	0.9
412	4/28/2015 18:15:52	15.98	48.83	31.93	9.05	8.11	3.8	2.512	111.3	3.7	0.9
413	4/28/2015 18:30:52	15.26	49.09	32.11	8.95	8.07	2.9	2.582	108.6	2.8	0.7
414	4/28/2015 18:45:52	14.95	49.23	32.20	8.81	8.06	2.9	2.661	106.4	3.0	0.7
415	4/28/2015 19:00:52	14.65	49.35	32.28	8.82	8.05	3.4	2.731	105.9	3.4	0.8
416	4/28/2015 19:15:52	14.48	49.40	32.31	8.80	8.05	3.8	2.792	105.2	1.9	0.5
417	4/28/2015 19:30:52	14.23	49.48	32.36	8.74	8.04	3.2	2.883	104.0	3.5	0.8
418	4/28/2015 19:45:52	14.03	49.54	32.40	8.72	8.04	3.5	2.947	103.5	3.0	0.7
419	4/28/2015 20:00:52	13.89	49.66	32.49	8.76	8.04	3.5	3.010	103.6	3.3	0.8
420	4/28/2015 20:15:53	13.70	49.77	32.56	8.74	8.03	3.6	3.089	103.1	4.0	0.9
421	4/28/2015 20:30:52	13.42	49.72	32.51	8.77	8.03	3.2	3.141	102.8	3.1	0.7
422	4/28/2015 20:45:52	13.30	49.91	32.64	8.75	8.03	3.6	3.208	102.4	3.9	0.9
423	4/28/2015 21:00:52	13.11	50.04	32.73	8.76	8.03	3.1	3.263	102.1	3.7	0.9
424	4/28/2015 21:15:53	12.98	50.09	32.76	8.73	8.03	3.2	3.310	101.5	3.2	0.8
425	4/28/2015 21:30:52	12.84	50.16	32.81	8.71	8.02	3.0	3.346	101.1	5.6	1.3
426	4/28/2015 21:45:53	12.77	50.18	32.82	8.67	8.02	2.3	3.363	100.5	2.9	0.7
427	4/28/2015 22:00:52	13.06	50.10	32.77	8.61	8.03	3.4	3.367	100.4	4.1	1.0
428	4/28/2015 22:15:53	12.78	50.20	32.84	8.54	8.02	3.1	3.367	99.0	3.0	0.7
429	4/28/2015 22:30:52	12.99	50.09	32.77	8.53	8.02	3.4	3.340	99.3	4.1	1.0
430	4/28/2015 22:45:52	13.18	49.95	32.67	8.58	8.03	4.9	3.286	100.2	3.9	0.9
431	4/28/2015 23:00:52	13.20	49.88	32.62	8.61	8.03	5.6	3.222	100.6	3.1	0.7
432	4/28/2015 23:15:53	13.12	50.00	32.71	8.64	8.03	6.1	3.167	100.8	3.8	0.9
433	4/28/2015 23:30:53	13.16	49.98	32.69	8.65	8.03	6.8	3.080	101.0	3.9	0.9
434	4/28/2015 23:45:53	13.20	49.94	32.67	8.62	8.03	9.2	2.995	100.7	4.2	1.0
435	4/29/2015 00:00:53	13.42	49.83	32.59	8.60	8.03	7.5	2.925	100.8	2.7	0.7
436	4/29/2015 00:15:52	13.45	49.77	32.55	8.56	8.03	8.1	2.835	100.5	3.4	0.8
437	4/29/2015 00:30:52	13.55	49.69	32.50	8.50	8.03	8.4	2.773	99.9	3.6	0.9
438	4/29/2015 00:45:53	13.84	49.61	32.45	8.40	8.04	10.6	2.694	99.3	3.1	0.7
439	4/29/2015 01:00:52	14.54	49.22	32.18	8.41	8.06	10.9	2.601	100.7	3.3	0.8
440	4/29/2015 01:15:52	13.97	49.53	32.39	8.50	8.05	8.6	2.521	100.7	2.7	0.6
441	4/29/2015 01:30:53	15.22	49.05	32.07	8.43	8.10	12.8	2.443	102.3	2.9	0.7
442	4/29/2015 01:45:52	15.53	48.92	31.98	8.39	8.13	18.4	2.366	102.3	4.2	1.0
443	4/29/2015 02:00:52	15.33	49.03	32.06	8.35	8.12	17.4	2.294	101.5	3.5	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
444	4/29/2015 02:15:52	15.35	48.96	32.01	8.45	8.12	13.0	2.224	102.7	3.9	0.9
445	4/29/2015 02:30:52	15.24	49.05	32.08	8.55	8.11	10.5	2.156	103.8	2.9	0.7
446	4/29/2015 02:45:52	15.35	48.94	32.00	8.49	8.12	9.4	2.105	103.2	3.3	0.8
447	4/29/2015 03:00:52	15.56	48.90	31.97	8.40	8.13	12.8	2.050	102.5	3.3	0.8
448	4/29/2015 03:15:52	15.51	48.93	31.99	8.47	8.12	9.7	2.005	103.2	2.9	0.7
449	4/29/2015 03:30:52	15.66	48.90	31.97	8.44	8.13	10.0	2.001	103.1	2.8	0.7
450	4/29/2015 03:45:52	15.71	48.80	31.90	8.39	8.13	9.5	1.997	102.6	3.1	0.7
451	4/29/2015 04:00:52	15.58	48.87	31.95	8.35	8.12	9.2	1.978	101.9	2.9	0.7
452	4/29/2015 04:15:52	15.61	48.89	31.97	8.37	8.13	9.5	2.001	102.2	3.4	0.8
453	4/29/2015 04:30:52	15.56	48.90	31.97	8.39	8.12	10.3	2.043	102.4	4.8	1.1
454	4/29/2015 04:45:52	15.55	48.91	31.98	8.38	8.12	10.0	2.082	102.2	2.6	0.6
455	4/29/2015 05:00:52	15.53	48.88	31.95	8.35	8.12	10.4	2.110	101.8	3.8	0.9
456	4/29/2015 05:15:52	15.56	48.90	31.97	8.34	8.12	11.9	2.178	101.7	3.0	0.7
457	4/29/2015 05:30:52	15.60	48.84	31.93	8.25	8.11	11.4	2.236	100.7	3.1	0.7
458	4/29/2015 05:45:52	15.63	48.77	31.88	8.21	8.11	13.2	2.293	100.2	2.6	0.6
459	4/29/2015 06:00:53	15.64	48.82	31.92	8.21	8.11	11.5	2.336	100.2	3.3	0.8
460	4/29/2015 06:15:52	15.62	48.73	31.85	8.22	8.11	11.9	2.400	100.4	3.3	0.8
461	4/29/2015 06:30:52	15.24	48.97	32.02	8.29	8.09	10.1	2.470	100.5	3.0	0.7
462	4/29/2015 06:45:52	15.12	48.95	32.00	8.29	8.08	8.7	2.513	100.3	2.9	0.7
463	4/29/2015 07:00:52	14.83	49.16	32.15	8.31	8.06	6.9	2.580	100.1	2.3	0.6
464	4/29/2015 07:15:53	14.68	49.22	32.19	8.32	8.06	6.2	2.631	99.9	2.5	0.6
465	4/29/2015 07:30:52	14.40	49.31	32.24	8.37	8.05	5.4	2.687	99.9	1.9	0.5
466	4/29/2015 07:45:53	14.16	49.41	32.31	8.39	8.04	5.0	2.752	99.7	2.1	0.5
467	4/29/2015 08:00:52	14.01	49.46	32.34	8.42	8.03	4.8	2.805	99.8	2.6	0.6
468	4/29/2015 08:15:52	13.84	49.59	32.43	8.43	8.03	5.0	2.857	99.6	2.1	0.5
469	4/29/2015 08:30:53	13.76	49.66	32.48	8.39	8.03	4.5	2.904	99.1	1.9	0.5
470	4/29/2015 08:45:52	13.65	49.58	32.42	8.39	8.03	4.3	2.944	98.8	2.2	0.5
471	4/29/2015 09:00:52	13.55	49.71	32.51	8.41	8.03	4.0	2.992	98.8	3.1	0.7
472	4/29/2015 09:15:53	13.44	49.80	32.57	8.42	8.03	3.4	3.023	98.8	2.8	0.7
473	4/29/2015 09:30:53	13.37	49.86	32.61	8.45	8.03	3.2	3.055	99.0	2.1	0.5
474	4/29/2015 09:45:53	13.30	49.89	32.63	8.35	8.02	2.8	3.077	97.7	1.3	0.3
475	4/29/2015 10:00:53	13.32	49.82	32.58	8.39	8.03	3.2	3.106	98.2	2.2	0.5
476	4/29/2015 10:15:53	13.26	49.92	32.65	8.41	8.02	2.5	3.098	98.4	2.0	0.5
477	4/29/2015 10:30:53	13.25	49.90	32.64	8.35	8.02	3.2	3.075	97.6	2.2	0.5
478	4/29/2015 10:45:52	13.30	49.86	32.61	8.37	8.03	3.4	3.048	97.9	3.0	0.7
479	4/29/2015 11:00:52	13.77	49.73	32.53	8.61	8.05	5.4	3.004	101.7	2.5	0.6
480	4/29/2015 11:15:52	14.07	49.67	32.49	8.86	8.07	5.1	2.948	105.3	2.1	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
481	4/29/2015 11:30:52	14.17	49.66	32.49	9.05	8.08	5.4	2.891	107.7	3.5	0.8
482	4/29/2015 11:45:52	14.29	49.59	32.44	9.23	8.09	6.8	2.818	110.1	2.7	0.6
483	4/29/2015 12:00:52	14.39	49.66	32.50	9.28	8.10	7.0	2.746	110.9	2.8	0.7
484	4/29/2015 12:15:52	14.51	49.64	32.48	9.25	8.10	7.3	2.659	110.9	2.8	0.7
485	4/29/2015 12:30:53	14.71	49.57	32.44	9.21	8.10	10.0	2.581	110.8	2.6	0.6
486	4/29/2015 12:45:52	14.90	49.54	32.43	9.32	8.11	12.2	2.501	112.6	2.9	0.7
487	4/29/2015 13:00:52	15.13	49.44	32.36	9.30	8.12	13.2	2.436	112.7	4.0	0.9
488	4/29/2015 13:15:52	15.33	49.38	32.31	9.15	8.12	16.4	2.355	111.3	3.4	0.8
489	4/29/2015 13:30:52	15.68	49.31	32.27	9.37	8.15	17.1	2.275	114.7	3.8	0.9
490	4/29/2015 13:45:52	15.81	49.28	32.25	9.24	8.15	18.1	2.201	113.4	3.6	0.9
491	4/29/2015 14:00:52	15.75	49.11	32.13	8.70	8.12	23.1	2.141	106.7	2.6	0.6
492	4/29/2015 14:15:52	15.92	49.09	32.12	8.75	8.13	20.0	2.066	107.6	3.4	0.8
493	4/29/2015 14:30:52	15.94	49.10	32.12	8.68	8.12	19.9	2.000	106.7	2.9	0.7
494	4/29/2015 14:45:52	15.90	49.10	32.13	8.63	8.11	15.5	1.968	106.2	2.9	0.7
495	4/29/2015 15:00:52	16.06	48.98	32.04	8.58	8.12	17.2	1.910	105.7	3.4	0.8
496	4/29/2015 15:15:52	16.08	49.00	32.06	8.37	8.11	17.4	1.882	103.2	2.4	0.6
497	4/29/2015 15:30:52	16.09	49.02	32.07	8.38	8.11	15.5	1.864	103.4	3.4	0.8
498	4/29/2015 15:45:52	16.12	49.03	32.07	8.22	8.10	13.4	1.852	101.4	2.7	0.6
499	4/29/2015 16:00:52	16.28	49.08	32.11	8.59	8.13	15.1	1.872	106.4	3.4	0.8
500	4/29/2015 16:15:52	16.40	48.96	32.03	8.50	8.12	13.6	1.874	105.5	3.4	0.8
501	4/29/2015 16:30:52	16.42	48.85	31.95	8.53	8.12	15.1	1.924	105.9	3.9	0.9
502	4/29/2015 16:45:52	16.46	48.85	31.95	8.42	8.12	15.6	1.969	104.5	3.8	0.9
503	4/29/2015 17:00:52	16.41	48.88	31.97	8.25	8.11	18.6	2.017	102.3	3.3	0.8
504	4/29/2015 17:15:52	16.27	48.87	31.96	8.44	8.12	17.2	2.058	104.4	3.5	0.8
505	4/29/2015 17:30:52	16.22	48.98	32.04	8.44	8.11	14.6	2.131	104.4	3.2	0.8
506	4/29/2015 17:45:52	16.15	48.94	32.01	8.53	8.11	11.9	2.194	105.3	2.9	0.7
507	4/29/2015 18:00:52	16.42	48.90	31.99	8.48	8.12	11.9	2.263	105.2	3.5	0.8
508	4/29/2015 18:15:52	16.25	48.84	31.94	8.45	8.11	10.7	2.341	104.4	2.5	0.6
509	4/29/2015 18:30:52	16.18	48.93	32.01	8.51	8.11	11.6	2.404	105.1	2.7	0.6
510	4/29/2015 18:45:52	15.79	49.08	32.11	8.60	8.10	10.6	2.489	105.4	2.7	0.6
511	4/29/2015 19:00:52	15.66	49.11	32.13	8.67	8.10	7.2	2.560	106.1	2.8	0.7
512	4/29/2015 19:15:52	15.65	49.13	32.14	8.77	8.10	6.5	2.629	107.3	3.6	0.9
513	4/29/2015 19:30:52	14.92	49.29	32.24	8.73	8.07	7.2	2.707	105.3	2.5	0.6
514	4/29/2015 19:45:52	14.64	49.45	32.35	8.76	8.07	5.3	2.780	105.1	2.6	0.6
515	4/29/2015 20:00:52	14.40	49.50	32.38	8.76	8.06	6.6	2.857	104.7	2.8	0.7
516	4/29/2015 20:15:52	14.14	49.66	32.49	8.73	8.05	7.0	2.929	103.9	3.1	0.7
517	4/29/2015 20:30:53	13.96	49.77	32.57	8.79	8.06	8.6	2.990	104.2	3.9	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
518	4/29/2015 20:45:53	13.74	49.88	32.64	8.87	8.06	9.7	3.073	104.8	4.3	1.0
519	4/29/2015 21:00:52	13.63	49.83	32.60	8.93	8.06	7.1	3.126	105.2	4.1	1.0
520	4/29/2015 21:15:52	13.50	49.98	32.70	9.00	8.07	7.0	3.200	105.8	5.1	1.2
521	4/29/2015 21:30:52	13.33	50.04	32.74	9.06	8.07	6.2	3.254	106.1	4.1	1.0
522	4/29/2015 21:45:53	13.19	50.09	32.77	9.09	8.07	6.7	3.312	106.2	5.1	1.2
523	4/29/2015 22:00:52	13.04	50.14	32.80	9.09	8.07	3.9	3.356	105.9	4.7	1.1
524	4/29/2015 22:15:52	12.81	50.29	32.91	9.10	8.06	4.0	3.387	105.6	5.0	1.2
525	4/29/2015 22:30:52	12.76	50.24	32.86	8.89	8.05	4.8	3.403	103.0	6.9	1.6
526	4/29/2015 22:45:53	12.78	50.33	32.93	8.89	8.05	8.9	3.391	103.1	4.0	0.9
527	4/29/2015 23:00:53	12.84	50.28	32.90	8.88	8.05	4.8	3.371	103.1	3.8	0.9
528	4/29/2015 23:15:52	13.10	50.05	32.74	8.84	8.06	5.5	3.333	103.1	4.2	1.0
529	4/29/2015 23:30:53	13.06	50.11	32.78	8.91	8.06	6.9	3.262	103.9	4.8	1.1
530	4/29/2015 23:45:53	13.19	50.07	32.76	8.91	8.07	6.7	3.203	104.1	4.3	1.0
531	4/30/2015 00:00:53	13.21	50.06	32.75	8.89	8.07	6.9	3.124	103.9	4.3	1.0
532	4/30/2015 00:15:53	13.35	50.00	32.71	8.86	8.07	7.0	3.039	103.8	4.2	1.0
533	4/30/2015 00:30:53	13.50	49.89	32.64	8.78	8.07	7.8	2.965	103.2	4.0	1.0
534	4/30/2015 00:45:53	13.81	49.75	32.55	8.59	8.06	8.9	2.885	101.5	3.7	0.9
535	4/30/2015 01:00:53	14.03	49.61	32.45	8.48	8.07	10.3	2.802	100.6	3.9	0.9
536	4/30/2015 01:15:53	14.07	49.64	32.47	8.44	8.06	10.9	2.704	100.2	3.7	0.9
537	4/30/2015 01:30:52	13.97	49.61	32.45	8.45	8.06	7.9	2.620	100.1	3.9	0.9
538	4/30/2015 01:45:52	14.02	49.55	32.41	8.42	8.06	8.2	2.541	99.9	4.0	0.9
539	4/30/2015 02:00:52	14.28	49.50	32.38	8.35	8.07	10.4	2.446	99.5	2.3	0.5
540	4/30/2015 02:15:53	14.57	49.41	32.32	8.25	8.07	11.9	2.365	98.9	3.1	0.7
541	4/30/2015 02:30:52	14.65	49.34	32.27	8.23	8.08	12.5	2.277	98.8	3.2	0.8
542	4/30/2015 02:45:52	14.47	49.32	32.25	8.19	8.07	11.9	2.173	97.9	3.7	0.9
543	4/30/2015 03:00:53	14.69	49.32	32.25	8.11	8.08	12.2	2.095	97.4	2.5	0.6
544	4/30/2015 03:15:53	14.81	49.21	32.18	8.07	8.08	12.6	2.005	97.1	2.6	0.6
545	4/30/2015 03:30:52	15.05	49.12	32.12	8.03	8.08	13.7	1.954	97.1	3.9	0.9
546	4/30/2015 03:45:52	15.04	49.15	32.14	8.01	8.08	13.4	1.899	96.8	3.4	0.8
547	4/30/2015 04:00:52	15.22	49.08	32.10	7.97	8.09	13.3	1.848	96.7	2.8	0.7
548	4/30/2015 04:15:52	15.25	48.97	32.01	7.97	8.09	12.6	1.824	96.6	2.7	0.6
549	4/30/2015 04:30:52	15.27	49.01	32.05	7.82	8.08	13.1	1.809	94.9	2.5	0.6
550	4/30/2015 04:45:52	15.17	49.08	32.10	7.94	8.08	12.8	1.811	96.1	2.7	0.6
551	4/30/2015 05:00:52	15.19	48.96	32.01	7.97	8.08	13.4	1.839	96.5	2.7	0.6
552	4/30/2015 05:15:52	15.17	49.06	32.08	7.98	8.08	12.6	1.888	96.7	2.3	0.5
553	4/30/2015 05:30:52	15.20	49.04	32.07	8.01	8.08	12.6	1.916	97.0	2.2	0.5
554	4/30/2015 05:45:52	15.19	49.04	32.06	8.01	8.08	13.6	1.969	97.0	3.0	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
555	4/30/2015 06:00:53	15.15	48.80	31.89	7.95	8.08	13.4	2.030	96.2	3.2	0.8
556	4/30/2015 06:15:52	15.14	48.79	31.88	7.91	8.08	13.6	2.087	95.7	3.4	0.8
557	4/30/2015 06:30:52	15.16	48.81	31.90	7.93	8.08	13.9	2.155	95.9	3.5	0.8
558	4/30/2015 06:45:52	15.15	48.95	32.00	7.97	8.08	14.0	2.217	96.5	2.8	0.7
559	4/30/2015 07:00:52	15.10	49.02	32.05	7.98	8.07	13.0	2.297	96.6	2.9	0.7
560	4/30/2015 07:15:52	14.83	49.16	32.15	8.10	8.07	10.6	2.361	97.5	2.7	0.7
561	4/30/2015 07:30:53	14.64	49.24	32.20	8.14	8.06	9.1	2.431	97.7	2.9	0.7
562	4/30/2015 07:45:53	14.30	49.48	32.36	8.34	8.06	7.8	2.500	99.5	2.9	0.7
563	4/30/2015 08:00:53	14.14	49.53	32.40	8.44	8.06	7.2	2.560	100.3	3.3	0.8
564	4/30/2015 08:15:53	14.03	49.59	32.44	8.47	8.06	6.0	2.626	100.5	3.5	0.8
565	4/30/2015 08:30:53	13.99	49.64	32.47	8.49	8.06	5.5	2.687	100.6	2.3	0.5
566	4/30/2015 08:45:53	13.96	49.63	32.46	8.50	8.06	5.8	2.755	100.7	3.5	0.8
567	4/30/2015 09:00:52	13.82	49.70	32.51	8.54	8.06	6.2	2.812	100.9	2.7	0.7
568	4/30/2015 09:15:53	13.64	49.81	32.59	8.59	8.06	6.1	2.871	101.3	3.6	0.8
569	4/30/2015 09:30:52	13.53	49.82	32.59	8.64	8.06	5.4	2.934	101.6	4.4	1.0
570	4/30/2015 09:45:53	13.42	49.93	32.66	8.68	8.06	5.0	2.987	101.8	4.2	1.0
571	4/30/2015 10:00:53	13.23	49.98	32.70	8.75	8.06	5.6	3.031	102.4	4.4	1.0
572	4/30/2015 10:15:52	13.11	50.02	32.72	8.82	8.06	4.2	3.071	102.8	3.3	0.8
573	4/30/2015 10:30:53	13.06	50.03	32.73	8.84	8.06	5.7	3.103	103.0	3.7	0.9
574	4/30/2015 10:45:53	13.05	50.06	32.74	8.85	8.06	3.6	3.122	103.1	2.2	0.5
575	4/30/2015 11:00:53	13.08	50.08	32.76	8.71	8.05	2.9	3.127	101.6	1.9	0.5
576	4/30/2015 11:15:53	13.18	50.03	32.73	8.69	8.05	3.6	3.115	101.6	1.8	0.4
577	4/30/2015 11:30:53	13.07	50.06	32.75	8.75	8.05	3.8	3.105	102.0	2.8	0.7
578	4/30/2015 11:45:53	13.09	50.05	32.74	8.73	8.05	4.7	3.054	101.8	3.2	0.8
579	4/30/2015 12:00:53	13.22	50.00	32.70	8.77	8.06	5.1	2.995	102.5	2.5	0.6
580	4/30/2015 12:15:53	13.76	49.89	32.65	8.90	8.08	4.9	2.943	105.1	3.0	0.7
581	4/30/2015 12:30:52	14.01	49.84	32.62	9.09	8.09	5.7	2.866	107.9	3.3	0.8
582	4/30/2015 12:45:53	14.18	49.84	32.62	9.31	8.11	4.3	2.793	110.9	2.5	0.6
583	4/30/2015 13:00:53	14.27	49.82	32.61	9.31	8.11	5.4	2.706	111.1	2.7	0.6
584	4/30/2015 13:15:53	14.46	49.78	32.59	9.32	8.12	6.2	2.620	111.6	3.1	0.7
585	4/30/2015 13:30:53	14.68	49.64	32.49	9.18	8.12	8.8	2.551	110.4	2.7	0.6
586	4/30/2015 13:45:53	15.08	49.65	32.51	9.50	8.15	6.8	2.465	115.2	3.0	0.7
587	4/30/2015 14:00:52	15.28	49.55	32.44	9.53	8.15	7.3	2.391	115.9	2.7	0.6
588	4/30/2015 14:15:52	15.51	49.52	32.43	9.58	8.16	7.9	2.312	117.1	3.1	0.7
589	4/30/2015 14:30:52	15.93	49.46	32.39	9.48	8.17	8.3	2.226	116.7	2.8	0.7
590	4/30/2015 14:45:52	15.83	49.36	32.31	9.14	8.14	9.4	2.162	112.4	2.7	0.6
591	4/30/2015 15:00:52	16.08	49.30	32.27	9.32	8.15	9.8	2.082	115.1	2.7	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
592	4/30/2015 15:15:52	16.02	49.33	32.29	9.11	8.14	10.9	2.022	112.3	2.5	0.6
593	4/30/2015 15:30:52	16.10	49.28	32.26	9.05	8.14	10.3	1.972	111.7	1.9	0.4
594	4/30/2015 15:45:52	16.14	49.28	32.26	8.83	8.12	9.8	1.926	109.1	2.5	0.6
595	4/30/2015 16:00:52	16.14	49.29	32.26	8.78	8.12	10.8	1.895	108.5	3.1	0.7
596	4/30/2015 16:15:52	16.22	49.26	32.25	8.94	8.13	11.3	1.868	110.7	3.1	0.7
597	4/30/2015 16:30:52	16.53	49.35	32.31	9.71	8.18	10.8	1.878	121.0	3.5	0.8
598	4/30/2015 16:45:52	16.32	49.31	32.28	9.25	8.15	11.8	1.885	114.8	3.9	0.9
599	4/30/2015 17:00:52	16.27	49.31	32.28	9.26	8.15	10.9	1.920	114.7	3.2	0.8
600	4/30/2015 17:15:52	16.15	49.25	32.24	8.98	8.13	10.1	1.954	111.0	2.8	0.7
601	4/30/2015 17:30:52	16.24	49.22	32.22	9.08	8.13	7.6	2.010	112.5	3.9	0.9
602	4/30/2015 17:45:52	16.17	49.24	32.23	8.89	8.12	8.9	2.076	109.9	3.3	0.8
603	4/30/2015 18:00:52	16.09	49.25	32.24	8.93	8.12	7.4	2.134	110.3	3.0	0.7
604	4/30/2015 18:15:52	16.20	49.17	32.18	8.82	8.11	7.6	2.211	109.1	4.2	1.0
605	4/30/2015 18:30:52	16.20	49.17	32.18	8.85	8.11	8.1	2.274	109.5	3.6	0.9
606	4/30/2015 18:45:52	15.96	49.24	32.22	8.99	8.11	7.1	2.341	110.7	2.8	0.7
607	4/30/2015 19:00:52	15.63	49.30	32.26	9.00	8.11	7.3	2.423	110.1	2.6	0.6
608	4/30/2015 19:15:52	15.37	49.39	32.33	9.07	8.11	6.2	2.502	110.5	3.0	0.7
609	4/30/2015 19:30:53	15.11	49.52	32.41	9.10	8.10	6.2	2.571	110.4	2.7	0.6
610	4/30/2015 19:45:53	14.84	49.60	32.46	9.01	8.09	6.1	2.647	108.7	3.2	0.8
611	4/30/2015 20:00:53	14.62	49.65	32.49	9.08	8.09	7.6	2.722	109.0	3.3	0.8
612	4/30/2015 20:15:52	14.35	49.63	32.48	9.03	8.08	5.7	2.798	107.9	3.3	0.8
613	4/30/2015 20:30:53	14.16	49.85	32.63	9.15	8.09	6.7	2.885	108.9	3.4	0.8
614	4/30/2015 20:45:52	13.95	49.91	32.67	9.21	8.08	7.0	2.954	109.2	4.5	1.1
615	4/30/2015 21:00:53	13.57	50.05	32.76	9.30	8.08	6.9	3.032	109.6	4.3	1.0
616	4/30/2015 21:15:53	13.40	50.11	32.79	9.33	8.08	8.9	3.107	109.6	4.5	1.1
617	4/30/2015 21:30:52	13.15	50.22	32.87	9.43	8.09	6.8	3.193	110.2	4.6	1.1
618	4/30/2015 21:45:53	12.87	50.30	32.91	9.45	8.08	8.2	3.264	109.8	4.9	1.2
619	4/30/2015 22:00:52	12.53	50.44	33.00	9.41	8.08	6.5	3.326	108.6	6.2	1.5
620	4/30/2015 22:15:53	12.17	50.63	33.12	9.34	8.07	6.5	3.389	107.1	5.6	1.3
621	4/30/2015 22:30:53	11.97	50.71	33.17	9.24	8.06	4.6	3.438	105.5	5.0	1.2
622	4/30/2015 22:45:52	11.72	50.81	33.23	9.21	8.05	4.2	3.468	104.7	5.2	1.2
623	4/30/2015 23:00:52	11.66	50.79	33.21	9.13	8.05	2.8	3.471	103.6	8.7	2.1
624	4/30/2015 23:15:52	11.75	50.84	33.25	9.02	8.05	4.1	3.488	102.6	4.2	1.0
625	4/30/2015 23:30:52	11.71	50.79	33.22	8.95	8.04	4.0	3.466	101.7	4.0	0.9
626	4/30/2015 23:45:52	11.76	50.80	33.22	8.99	8.05	4.2	3.420	102.2	3.1	0.7
627	5/1/2015 00:00:53	12.67	50.47	33.03	9.01	8.07	5.6	3.351	104.4	4.4	1.0
628	5/1/2015 00:15:52	13.21	50.17	32.83	8.98	8.09	6.8	3.286	105.0	4.7	1.1

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
629	5/1/2015 00:30:53	12.63	50.41	32.98	9.11	8.07	4.9	3.199	105.4	3.8	0.9
630	5/1/2015 00:45:52	13.68	49.99	32.71	8.84	8.09	5.6	3.106	104.3	3.1	0.7
631	5/1/2015 01:00:52	13.81	49.96	32.70	9.01	8.10	7.2	3.033	106.6	2.7	0.6
632	5/1/2015 01:15:53	13.88	49.93	32.68	8.97	8.10	6.9	2.936	106.3	4.0	1.0
633	5/1/2015 01:30:52	14.13	49.77	32.57	8.77	8.09	7.2	2.847	104.3	2.9	0.7
634	5/1/2015 01:45:53	14.32	49.71	32.53	8.63	8.09	6.2	2.744	103.0	3.1	0.7
635	5/1/2015 02:00:52	14.51	49.60	32.46	8.44	8.08	6.8	2.642	101.1	2.5	0.6
636	5/1/2015 02:15:52	14.29	49.73	32.54	8.52	8.07	6.2	2.575	101.6	3.2	0.8
637	5/1/2015 02:30:52	14.56	49.56	32.43	8.51	8.08	6.7	2.457	102.1	3.1	0.7
638	5/1/2015 02:45:52	14.28	49.62	32.47	8.55	8.07	7.3	2.361	102.0	2.7	0.6
639	5/1/2015 03:00:53	14.63	49.58	32.45	8.50	8.08	8.3	2.282	102.1	3.3	0.8
640	5/1/2015 03:15:53	14.71	49.52	32.40	8.52	8.09	8.9	2.166	102.4	2.3	0.6
641	5/1/2015 03:30:53	14.67	49.54	32.41	8.42	8.08	7.8	2.066	101.2	2.5	0.6
642	5/1/2015 03:45:52	14.67	49.39	32.31	8.38	8.08	7.8	1.979	100.7	2.4	0.6
643	5/1/2015 04:00:53	14.89	49.45	32.36	8.34	8.08	8.1	1.902	100.7	2.5	0.6
644	5/1/2015 04:15:52	15.03	49.31	32.26	8.35	8.09	8.4	1.803	101.0	3.4	0.8
645	5/1/2015 04:30:52	15.22	49.38	32.31	8.32	8.09	8.6	1.758	101.0	3.1	0.7
646	5/1/2015 04:45:52	15.35	49.26	32.23	8.39	8.10	9.0	1.721	102.0	2.8	0.7
647	5/1/2015 05:00:52	15.52	49.27	32.24	8.35	8.11	7.8	1.695	102.0	3.5	0.8
648	5/1/2015 05:15:52	15.55	49.15	32.15	8.22	8.10	7.0	1.691	100.4	3.3	0.8
649	5/1/2015 05:30:52	15.46	49.24	32.22	8.32	8.10	6.8	1.682	101.5	2.4	0.6
650	5/1/2015 05:45:52	15.45	49.20	32.19	8.32	8.10	7.6	1.714	101.4	3.0	0.7
651	5/1/2015 06:00:52	15.38	49.21	32.19	8.28	8.09	7.5	1.765	100.8	2.9	0.7
652	5/1/2015 06:15:52	15.39	49.23	32.21	8.30	8.09	7.5	1.828	101.0	2.0	0.5
653	5/1/2015 06:30:52	15.33	49.17	32.16	8.28	8.09	8.3	1.886	100.7	1.9	0.4
654	5/1/2015 06:45:52	15.31	49.02	32.06	8.11	8.07	8.7	1.958	98.6	2.3	0.5
655	5/1/2015 07:00:52	15.29	48.96	32.01	8.09	8.07	8.3	2.042	98.2	2.3	0.5
656	5/1/2015 07:15:53	15.24	49.07	32.09	8.16	8.07	9.7	2.122	99.0	2.6	0.6
657	5/1/2015 07:30:53	15.14	49.21	32.19	8.27	8.08	7.6	2.195	100.1	2.7	0.6
658	5/1/2015 07:45:52	15.06	49.22	32.19	8.28	8.07	6.5	2.273	100.1	2.5	0.6
659	5/1/2015 08:00:53	14.76	49.43	32.34	8.39	8.07	5.8	2.351	101.0	1.9	0.4
660	5/1/2015 08:15:53	14.54	49.55	32.42	8.50	8.07	5.4	2.422	101.9	1.8	0.4
661	5/1/2015 08:30:53	14.38	49.63	32.47	8.61	8.07	5.1	2.497	102.9	1.8	0.4
662	5/1/2015 08:45:53	14.32	49.65	32.49	8.63	8.07	4.5	2.569	103.0	2.9	0.7
663	5/1/2015 09:00:52	14.22	49.69	32.51	8.69	8.07	4.3	2.646	103.5	3.1	0.7
664	5/1/2015 09:15:53	14.13	49.75	32.56	8.71	8.07	5.0	2.715	103.7	3.0	0.7
665	5/1/2015 09:30:52	13.95	49.84	32.61	8.74	8.07	4.8	2.777	103.6	3.1	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
666	5/1/2015 09:45:53	13.81	49.88	32.64	8.77	8.07	4.7	2.852	103.7	3.6	0.9
667	5/1/2015 10:00:53	13.64	49.97	32.70	8.79	8.07	5.4	2.923	103.7	3.1	0.7
668	5/1/2015 10:15:53	13.31	50.01	32.72	8.90	8.06	5.9	2.976	104.2	3.0	0.7
669	5/1/2015 10:30:53	13.19	50.08	32.76	8.94	8.07	5.0	3.049	104.5	3.3	0.8
670	5/1/2015 10:45:53	13.03	50.16	32.82	9.01	8.07	4.3	3.108	105.0	4.2	1.0
671	5/1/2015 11:00:52	12.88	50.12	32.78	9.04	8.06	4.0	3.153	105.0	3.3	0.8
672	5/1/2015 11:15:52	12.78	50.26	32.88	9.04	8.06	3.6	3.181	104.8	4.7	1.1
673	5/1/2015 11:30:53	12.72	50.31	32.91	8.97	8.05	2.8	3.210	103.9	3.2	0.8
674	5/1/2015 11:45:53	12.84	50.25	32.87	8.84	8.05	3.5	3.214	102.6	3.6	0.8
675	5/1/2015 12:00:52	12.43	50.41	32.98	8.82	8.04	2.8	3.205	101.6	3.4	0.8
676	5/1/2015 12:15:53	12.59	50.35	32.93	8.86	8.05	3.2	3.168	102.4	3.3	0.8
677	5/1/2015 12:30:52	12.77	50.27	32.89	8.90	8.06	3.4	3.116	103.2	2.7	0.6
678	5/1/2015 12:45:53	13.31	50.16	32.83	9.02	8.08	4.8	3.070	105.8	3.8	0.9
679	5/1/2015 13:00:53	14.06	49.92	32.68	9.24	8.10	5.4	2.993	109.8	3.4	0.8
680	5/1/2015 13:15:53	14.19	50.00	32.74	9.51	8.11	4.5	2.918	113.4	2.7	0.6
681	5/1/2015 13:30:53	14.48	49.94	32.70	9.44	8.11	4.3	2.841	113.2	3.3	0.8
682	5/1/2015 13:45:53	14.58	49.83	32.63	9.38	8.12	4.7	2.761	112.7	3.7	0.9
683	5/1/2015 14:00:53	14.92	49.70	32.54	9.44	8.13	4.5	2.675	114.1	2.3	0.5
684	5/1/2015 14:15:52	15.12	49.66	32.52	9.60	8.15	4.2	2.603	116.4	3.2	0.8
685	5/1/2015 14:30:52	15.50	49.57	32.46	9.80	8.17	4.0	2.514	119.8	2.1	0.5
686	5/1/2015 14:45:52	15.80	49.55	32.45	10.03	8.19	3.9	2.445	123.3	2.2	0.5
687	5/1/2015 15:00:52	16.01	49.51	32.42	10.11	8.19	4.4	2.369	124.8	1.9	0.5
688	5/1/2015 15:15:52	16.08	49.48	32.40	10.07	8.18	4.0	2.290	124.4	2.2	0.5
689	5/1/2015 15:30:52	16.27	49.55	32.46	9.99	8.19	3.8	2.213	124.0	1.6	0.4
690	5/1/2015 15:45:52	16.53	49.45	32.39	10.04	8.20	4.5	2.139	125.2	2.2	0.5
691	5/1/2015 16:00:52	16.57	49.45	32.39	9.81	8.18	4.7	2.066	122.4	2.6	0.6
692	5/1/2015 16:15:52	16.66	49.42	32.37	9.71	8.18	5.6	2.013	121.3	2.8	0.7
693	5/1/2015 16:30:51	16.81	49.00	32.06	9.96	8.20	5.2	1.978	124.6	2.9	0.7
694	5/1/2015 16:45:51	16.96	46.88	30.52	10.13	8.20	4.8	1.947	125.9	2.3	0.5
695	5/1/2015 17:00:52	17.05	47.09	30.67	9.89	8.20	5.4	1.943	123.2	3.3	0.8
696	5/1/2015 17:15:51	17.00	46.47	30.23	10.31	8.21	4.7	1.946	128.0	2.9	0.7
697	5/1/2015 17:30:52	16.82	46.48	30.23	10.13	8.19	5.7	1.975	125.3	3.2	0.8
698	5/1/2015 17:45:52	16.63	46.47	30.22	9.90	8.17	5.1	2.009	122.1	2.6	0.6
699	5/1/2015 18:00:52	16.69	46.24	30.06	9.79	8.17	4.8	2.069	120.7	2.8	0.7
700	5/1/2015 18:15:52	16.60	46.38	30.15	9.74	8.16	4.5	2.125	119.9	2.8	0.7
701	5/1/2015 18:30:52	16.65	46.44	30.20	9.71	8.16	4.5	2.190	119.7	2.9	0.7
702	5/1/2015 18:45:52	16.71	46.76	30.44	9.58	8.15	5.1	2.267	118.4	2.6	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
703	5/1/2015 19:00:52	16.40	47.03	30.63	9.71	8.15	4.6	2.341	119.5	2.3	0.6
704	5/1/2015 19:15:52	16.25	47.22	30.76	9.74	8.15	3.9	2.412	119.6	3.0	0.7
705	5/1/2015 19:30:52	15.88	47.17	30.72	9.70	8.14	4.3	2.492	118.2	3.4	0.8
706	5/1/2015 19:45:52	15.55	47.25	30.78	9.61	8.13	4.9	2.566	116.4	2.6	0.6
707	5/1/2015 20:00:52	15.18	47.31	30.81	9.57	8.12	4.2	2.645	115.1	3.3	0.8
708	5/1/2015 20:15:52	14.85	47.35	30.83	9.44	8.10	3.8	2.725	112.8	3.2	0.8
709	5/1/2015 20:30:53	14.66	47.46	30.91	9.42	8.10	3.9	2.806	112.2	3.7	0.9
710	5/1/2015 20:45:52	14.41	47.46	30.90	9.44	8.10	5.9	2.881	111.8	3.8	0.9
711	5/1/2015 21:00:52	14.15	47.74	31.10	9.49	8.09	6.7	2.963	111.9	4.3	1.0
712	5/1/2015 21:15:52	13.80	47.86	31.17	9.50	8.08	7.1	3.050	111.3	4.0	0.9
713	5/1/2015 21:30:52	13.42	47.94	31.22	9.50	8.08	8.3	3.137	110.5	3.1	0.7
714	5/1/2015 21:45:53	13.22	48.02	31.27	9.54	8.08	7.3	3.222	110.5	4.6	1.1
715	5/1/2015 22:00:52	12.92	48.12	31.33	9.57	8.07	6.2	3.305	110.2	4.1	1.0
716	5/1/2015 22:15:52	12.57	48.18	31.36	9.51	8.06	5.5	3.380	108.7	5.0	1.2
717	5/1/2015 22:30:52	12.11	48.36	31.47	9.41	8.05	6.2	3.452	106.7	4.0	1.0
718	5/1/2015 22:45:52	11.66	48.54	31.58	9.22	8.03	5.6	3.514	103.5	5.5	1.3
719	5/1/2015 23:00:52	11.49	48.50	31.54	9.11	8.02	4.4	3.555	102.0	4.8	1.1
720	5/1/2015 23:15:52	11.35	48.59	31.60	8.96	8.02	3.6	3.590	100.0	3.8	0.9
721	5/1/2015 23:30:52	11.35	48.58	31.59	8.87	8.01	3.2	3.611	99.0	3.8	0.9
722	5/1/2015 23:45:52	11.36	48.61	31.61	8.84	8.01	3.5	3.607	98.8	3.5	0.8
723	5/2/2015 00:00:52	11.24	48.60	31.60	8.89	8.01	3.4	3.574	99.0	3.3	0.8
724	5/2/2015 00:15:53	11.58	48.57	31.60	8.92	8.02	5.3	3.528	100.1	2.5	0.6
725	5/2/2015 00:30:53	12.64	48.20	31.38	9.17	8.06	4.7	3.460	105.1	4.6	1.1
726	5/2/2015 00:45:52	12.60	48.25	31.41	9.09	8.06	4.8	3.376	104.0	3.4	0.8
727	5/2/2015 01:00:52	12.80	48.24	31.41	9.19	8.07	4.6	3.283	105.7	3.6	0.9
728	5/2/2015 01:15:52	13.32	47.91	31.19	9.19	8.08	4.7	3.197	106.6	2.7	0.6
729	5/2/2015 01:30:52	13.70	48.17	31.40	9.16	8.09	5.7	3.099	107.2	2.8	0.7
730	5/2/2015 01:45:53	13.92	48.05	31.31	9.18	8.09	6.8	3.001	107.9	3.3	0.8
731	5/2/2015 02:00:52	14.27	47.49	30.92	9.20	8.10	5.7	2.888	108.6	2.8	0.7
732	5/2/2015 02:15:52	14.59	47.60	31.00	9.09	8.10	4.7	2.783	108.1	2.8	0.7
733	5/2/2015 02:30:53	14.57	47.58	30.99	8.93	8.09	5.6	2.685	106.2	2.4	0.6
734	5/2/2015 02:45:53	14.76	47.52	30.95	8.90	8.09	5.4	2.584	106.2	2.4	0.6
735	5/2/2015 03:00:53	14.63	47.62	31.02	8.97	8.09	5.9	2.465	106.8	3.4	0.8
736	5/2/2015 03:15:53	14.51	47.67	31.05	9.01	8.09	5.3	2.365	107.0	2.7	0.7
737	5/2/2015 03:30:52	15.09	47.32	30.81	9.01	8.11	6.8	2.244	108.2	2.8	0.7
738	5/2/2015 03:45:52	15.32	47.34	30.84	8.97	8.12	7.3	2.135	108.2	2.5	0.6
739	5/2/2015 04:00:52	15.22	47.43	30.89	8.89	8.11	7.3	2.041	107.0	3.1	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
740	5/2/2015 04:15:52	15.40	47.37	30.86	8.88	8.11	7.0	1.925	107.2	3.4	0.8
741	5/2/2015 04:30:52	15.88	47.18	30.72	8.86	8.13	7.5	1.830	108.0	2.6	0.6
742	5/2/2015 04:45:52	15.98	47.05	30.64	8.83	8.13	7.5	1.744	107.8	2.6	0.6
743	5/2/2015 05:00:52	16.15	46.88	30.51	8.82	8.13	7.8	1.661	107.8	2.9	0.7
744	5/2/2015 05:15:52	16.25	46.97	30.58	8.76	8.14	8.0	1.607	107.4	2.6	0.6
745	5/2/2015 05:30:52	16.33	46.94	30.56	8.74	8.14	8.2	1.569	107.4	1.9	0.4
746	5/2/2015 05:45:52	16.36	47.02	30.62	8.67	8.14	6.6	1.545	106.6	3.2	0.8
747	5/2/2015 06:00:52	16.27	46.78	30.44	8.70	8.13	7.1	1.556	106.7	2.1	0.5
748	5/2/2015 06:15:52	16.24	46.98	30.58	8.72	8.13	7.9	1.583	106.9	2.1	0.5
749	5/2/2015 06:30:52	16.17	46.99	30.59	8.76	8.13	7.5	1.625	107.3	2.2	0.5
750	5/2/2015 06:45:52	16.14	47.10	30.68	8.79	8.13	7.0	1.692	107.6	2.8	0.7
751	5/2/2015 07:00:52	16.06	47.21	30.75	8.80	8.13	6.5	1.753	107.6	2.3	0.6
752	5/2/2015 07:15:52	16.07	46.70	30.38	8.59	8.11	8.4	1.844	104.9	2.5	0.6
753	5/2/2015 07:30:52	16.07	46.73	30.40	8.56	8.10	8.4	1.930	104.5	2.5	0.6
754	5/2/2015 07:45:52	15.96	46.62	30.33	8.61	8.10	8.1	2.002	104.8	1.8	0.4
755	5/2/2015 08:00:52	15.85	46.27	30.07	8.76	8.11	7.6	2.093	106.2	2.4	0.6
756	5/2/2015 08:15:52	15.72	46.04	29.90	8.77	8.10	7.4	2.178	106.0	2.1	0.5
757	5/2/2015 08:30:52	15.39	45.83	29.74	8.86	8.10	5.6	2.255	106.3	2.1	0.5
758	5/2/2015 08:45:53	15.14	46.18	29.99	8.95	8.09	5.3	2.331	107.0	2.0	0.5
759	5/2/2015 09:00:53	15.02	47.36	30.84	8.96	8.09	4.3	2.414	107.4	1.7	0.4
760	5/2/2015 09:15:52	14.92	47.42	30.88	9.00	8.10	4.5	2.503	107.7	2.8	0.7
761	5/2/2015 09:30:53	14.76	47.41	30.87	9.02	8.09	5.0	2.573	107.6	2.8	0.7
762	5/2/2015 09:45:53	14.62	47.56	30.98	9.02	8.09	4.7	2.649	107.3	2.4	0.6
763	5/2/2015 10:00:53	14.45	47.65	31.04	9.00	8.08	5.4	2.729	106.8	1.9	0.5
764	5/2/2015 10:15:53	14.24	47.70	31.07	9.00	8.08	5.3	2.808	106.3	2.5	0.6
765	5/2/2015 10:30:53	14.07	47.78	31.12	9.00	8.07	5.9	2.879	106.0	2.5	0.6
766	5/2/2015 10:45:52	13.67	47.86	31.17	9.03	8.06	7.3	2.952	105.5	3.4	0.8
767	5/2/2015 11:00:53	13.41	47.93	31.21	9.07	8.06	7.1	3.023	105.5	3.0	0.7
768	5/2/2015 11:15:53	13.25	48.11	31.33	9.10	8.06	5.0	3.093	105.6	3.6	0.9
769	5/2/2015 11:30:53	12.97	48.15	31.36	9.10	8.05	5.0	3.145	104.9	2.9	0.7
770	5/2/2015 11:45:53	12.74	48.22	31.39	9.05	8.05	4.9	3.200	103.9	2.2	0.5
771	5/2/2015 12:00:52	12.37	48.38	31.50	9.03	8.04	4.3	3.232	103.0	2.5	0.6
772	5/2/2015 12:15:53	12.26	48.43	31.53	8.98	8.03	3.7	3.264	102.1	2.4	0.6
773	5/2/2015 12:30:52	12.57	48.23	31.40	8.94	8.04	3.0	3.272	102.2	3.5	0.8
774	5/2/2015 12:45:53	12.28	48.48	31.57	8.84	8.03	3.3	3.246	100.6	2.3	0.5
775	5/2/2015 13:00:53	12.32	48.70	31.73	8.84	8.03	3.7	3.209	100.8	2.5	0.6
776	5/2/2015 13:15:53	12.55	48.32	31.46	8.88	8.04	4.5	3.153	101.6	2.7	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
777	5/2/2015 13:30:53	13.36	48.13	31.35	9.14	8.08	5.5	3.096	106.2	2.6	0.6
778	5/2/2015 13:45:53	13.68	48.08	31.33	9.64	8.11	3.6	3.030	112.7	3.2	0.8
779	5/2/2015 14:00:53	13.54	48.16	31.38	9.61	8.11	4.7	2.938	112.2	3.6	0.9
780	5/2/2015 14:15:52	14.10	47.86	31.18	9.56	8.12	4.8	2.868	112.7	3.4	0.8
781	5/2/2015 14:30:53	14.48	47.77	31.13	9.45	8.12	4.1	2.787	112.2	2.6	0.6
782	5/2/2015 14:45:53	14.72	47.73	31.10	9.47	8.13	4.6	2.706	113.0	2.4	0.6
783	5/2/2015 15:00:53	14.90	47.71	31.10	9.53	8.14	4.0	2.623	114.1	2.8	0.7
784	5/2/2015 15:15:52	15.17	47.51	30.95	9.84	8.17	3.9	2.545	118.4	3.0	0.7
785	5/2/2015 15:30:53	15.25	47.52	30.97	10.23	8.19	3.6	2.480	123.3	2.5	0.6
786	5/2/2015 15:45:53	15.51	47.17	30.71	10.66	8.20	4.2	2.388	128.9	3.1	0.7
787	5/2/2015 16:00:52	15.66	47.32	30.83	10.07	8.19	3.7	2.306	122.2	2.9	0.7
788	5/2/2015 16:15:52	15.48	47.79	31.16	10.55	8.21	3.7	2.253	127.9	2.9	0.7
789	5/2/2015 16:30:52	15.92	47.58	31.02	10.16	8.19	4.2	2.176	124.1	2.9	0.7
790	5/2/2015 16:45:52	16.07	47.38	30.88	10.12	8.20	4.2	2.111	123.9	3.2	0.8
791	5/2/2015 17:00:52	16.25	47.24	30.78	9.89	8.19	4.7	2.074	121.4	3.5	0.8
792	5/2/2015 17:15:52	16.28	47.33	30.84	9.81	8.19	4.3	2.033	120.6	3.0	0.7
793	5/2/2015 17:30:52	16.32	47.22	30.76	9.79	8.19	5.9	2.003	120.3	3.7	0.9
794	5/2/2015 17:45:52	16.36	47.25	30.78	9.84	8.19	4.1	2.001	121.0	3.3	0.8
795	5/2/2015 18:00:52	16.24	47.52	30.98	9.79	8.19	4.5	2.022	120.4	2.6	0.6
796	5/2/2015 18:15:52	16.17	47.29	30.81	9.82	8.18	5.2	2.057	120.4	3.6	0.9
797	5/2/2015 18:30:53	16.13	47.62	31.05	9.69	8.17	4.3	2.087	118.9	2.4	0.6
798	5/2/2015 18:45:52	16.08	47.51	30.97	9.62	8.16	4.0	2.147	117.8	3.2	0.8
799	5/2/2015 19:00:52	15.97	47.18	30.73	9.64	8.16	4.3	2.221	117.7	2.5	0.6
800	5/2/2015 19:15:52	15.98	47.09	30.67	9.63	8.16	4.8	2.297	117.5	2.6	0.6
801	5/2/2015 19:30:52	15.88	46.94	30.56	9.66	8.16	4.7	2.366	117.6	2.7	0.6
802	5/2/2015 19:45:52	15.68	47.20	30.74	9.70	8.16	5.0	2.443	117.8	3.1	0.7
803	5/2/2015 20:00:52	15.54	47.11	30.67	9.68	8.15	3.7	2.531	117.1	2.6	0.6
804	5/2/2015 20:15:52	15.10	47.52	30.96	9.58	8.13	3.8	2.602	115.1	3.7	0.9
805	5/2/2015 20:30:53	14.71	47.81	31.16	9.47	8.11	5.4	2.682	113.1	3.1	0.7
806	5/2/2015 20:45:52	14.42	47.75	31.11	9.38	8.10	4.2	2.770	111.2	2.9	0.7
807	5/2/2015 21:00:53	14.26	48.03	31.31	9.34	8.10	4.1	2.853	110.5	3.4	0.8
808	5/2/2015 21:15:53	13.97	48.19	31.41	9.33	8.09	6.1	2.933	109.9	3.9	0.9
809	5/2/2015 21:30:53	13.60	48.40	31.56	9.34	8.08	7.3	3.020	109.3	3.7	0.9
810	5/2/2015 21:45:53	13.27	48.13	31.35	9.33	8.08	7.3	3.113	108.3	3.5	0.8
811	5/2/2015 22:00:53	12.86	48.50	31.60	9.30	8.07	9.8	3.184	107.2	3.3	0.8
812	5/2/2015 22:15:53	12.58	48.43	31.54	9.28	8.06	7.0	3.279	106.3	2.8	0.7
813	5/2/2015 22:30:53	12.33	48.43	31.53	9.23	8.05	6.4	3.363	105.1	4.2	1.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
814	5/2/2015 22:45:53	12.09	48.49	31.57	9.18	8.05	6.8	3.435	104.1	2.6	0.6
815	5/2/2015 23:00:52	11.67	48.77	31.74	9.11	8.03	7.4	3.512	102.5	4.1	1.0
816	5/2/2015 23:15:53	11.38	49.06	31.94	9.01	8.02	5.5	3.567	100.9	3.7	0.9
817	5/2/2015 23:30:52	11.12	49.20	32.03	8.95	8.01	5.9	3.618	99.7	4.5	1.1
818	5/2/2015 23:45:52	10.96	49.19	32.02	8.87	8.00	4.0	3.650	98.4	2.7	0.6
819	5/3/2015 00:00:53	11.67	48.47	31.53	8.76	8.01	3.7	3.683	98.4	4.1	1.0
820	5/3/2015 00:15:52	11.10	48.92	31.83	8.75	8.00	3.9	3.676	97.3	2.4	0.6
821	5/3/2015 00:30:53	10.97	49.02	31.89	8.74	8.00	3.8	3.633	96.9	2.6	0.6
822	5/3/2015 00:45:53	11.03	48.99	31.87	8.79	8.00	4.0	3.603	97.7	2.5	0.6
823	5/3/2015 01:00:53	12.24	48.61	31.66	8.98	8.05	4.4	3.530	102.2	3.6	0.9
824	5/3/2015 01:15:53	12.04	48.71	31.72	8.92	8.04	3.9	3.443	101.1	3.0	0.7
825	5/3/2015 01:30:53	11.80	48.73	31.73	8.96	8.04	4.2	3.350	101.1	2.1	0.5
826	5/3/2015 01:45:53	12.73	48.41	31.54	9.04	8.07	4.5	3.241	103.8	3.2	0.8
827	5/3/2015 02:00:53	13.17	48.23	31.42	9.04	8.08	4.5	3.160	104.7	3.5	0.8
828	5/3/2015 02:15:53	13.35	48.16	31.38	9.05	8.08	4.8	3.037	105.2	2.6	0.6
829	5/3/2015 02:30:53	13.73	48.05	31.31	9.01	8.09	4.6	2.924	105.5	2.4	0.6
830	5/3/2015 02:45:53	13.77	47.75	31.09	9.00	8.09	5.1	2.838	105.4	2.1	0.5
831	5/3/2015 03:00:52	13.74	47.82	31.14	8.88	8.07	5.3	2.721	103.9	2.6	0.6
832	5/3/2015 03:15:53	14.21	48.00	31.29	8.80	8.08	5.7	2.610	104.1	2.6	0.6
833	5/3/2015 03:30:53	14.12	47.99	31.28	8.82	8.08	5.3	2.484	104.1	3.1	0.7
834	5/3/2015 03:45:53	14.82	47.68	31.07	8.92	8.12	6.1	2.385	106.6	3.0	0.7
835	5/3/2015 04:00:53	14.31	47.93	31.24	8.90	8.10	6.7	2.255	105.4	2.3	0.5
836	5/3/2015 04:15:53	14.36	47.79	31.13	8.85	8.09	7.0	2.143	104.8	2.2	0.5
837	5/3/2015 04:30:53	14.34	47.80	31.14	8.78	8.09	7.5	2.024	104.0	2.7	0.6
838	5/3/2015 04:45:53	14.75	47.65	31.05	8.70	8.10	7.9	1.899	103.9	2.5	0.6
839	5/3/2015 05:00:53	14.83	47.58	31.00	8.63	8.09	8.0	1.793	103.1	2.3	0.6
840	5/3/2015 05:15:52	15.06	47.53	30.97	8.64	8.10	8.4	1.685	103.7	2.3	0.6
841	5/3/2015 05:30:52	15.42	47.39	30.87	8.56	8.12	8.7	1.597	103.4	2.7	0.6
842	5/3/2015 05:45:52	15.68	47.16	30.71	8.44	8.12	9.4	1.539	102.4	2.9	0.7
843	5/3/2015 06:00:52	15.75	47.27	30.79	8.35	8.11	9.9	1.470	101.5	2.9	0.7
844	5/3/2015 06:15:52	15.87	46.94	30.55	8.34	8.12	9.9	1.445	101.5	3.0	0.7
845	5/3/2015 06:30:52	15.74	47.20	30.74	8.32	8.11	9.2	1.437	101.1	3.2	0.8
846	5/3/2015 06:45:52	15.71	47.23	30.76	8.35	8.11	11.3	1.465	101.4	2.5	0.6
847	5/3/2015 07:00:52	15.67	47.39	30.87	8.45	8.11	8.4	1.517	102.6	2.5	0.6
848	5/3/2015 07:15:52	15.70	47.27	30.79	8.52	8.12	12.3	1.569	103.5	2.4	0.6
849	5/3/2015 07:30:52	15.68	47.23	30.76	8.62	8.12	10.8	1.649	104.7	2.7	0.6
850	5/3/2015 07:45:52	15.55	46.98	30.58	8.56	8.11	13.4	1.752	103.6	2.8	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
851	5/3/2015 08:00:52	15.50	46.90	30.52	8.48	8.10	11.9	1.824	102.4	3.0	0.7
852	5/3/2015 08:15:52	15.48	46.72	30.39	8.52	8.10	9.5	1.909	102.7	2.9	0.7
853	5/3/2015 08:30:52	15.40	47.17	30.71	8.62	8.11	8.1	2.008	104.1	2.6	0.6
854	5/3/2015 08:45:52	15.33	47.10	30.66	8.68	8.11	8.1	2.091	104.5	1.1	0.3
855	5/3/2015 09:00:53	15.07	47.45	30.91	8.76	8.10	6.7	2.181	105.1	2.8	0.7
856	5/3/2015 09:15:53	14.91	47.52	30.95	8.81	8.10	6.2	2.271	105.4	2.0	0.5
857	5/3/2015 09:30:53	14.67	47.47	30.91	8.91	8.10	5.9	2.365	106.1	2.1	0.5
858	5/3/2015 09:45:53	14.59	47.51	30.94	8.93	8.10	5.8	2.455	106.2	1.6	0.4
859	5/3/2015 10:00:53	14.45	47.90	31.22	8.94	8.09	5.7	2.537	106.2	2.6	0.6
860	5/3/2015 10:15:53	14.36	47.52	30.94	8.96	8.09	6.1	2.627	106.0	2.7	0.6
861	5/3/2015 10:30:53	14.15	47.35	30.81	8.95	8.08	6.8	2.713	105.3	2.4	0.6
862	5/3/2015 10:45:53	13.98	47.93	31.23	8.91	8.08	7.0	2.791	104.8	3.1	0.7
863	5/3/2015 11:00:53	13.76	48.05	31.31	8.92	8.07	8.3	2.874	104.5	3.0	0.7
864	5/3/2015 11:15:53	13.39	47.91	31.20	8.97	8.06	9.0	2.950	104.2	2.9	0.7
865	5/3/2015 11:30:53	13.12	48.10	31.32	8.97	8.06	10.3	3.030	103.8	2.7	0.6
866	5/3/2015 11:45:53	12.84	47.97	31.22	9.00	8.05	6.5	3.101	103.4	2.8	0.7
867	5/3/2015 12:00:53	12.21	48.00	31.21	8.97	8.03	8.0	3.169	101.8	3.4	0.8
868	5/3/2015 12:15:53	11.92	48.43	31.51	8.93	8.03	5.9	3.230	100.8	2.7	0.6
869	5/3/2015 12:30:53	11.71	48.60	31.62	8.94	8.02	6.8	3.273	100.5	3.2	0.8
870	5/3/2015 12:45:53	11.64	48.64	31.65	8.92	8.02	6.0	3.315	100.2	2.4	0.6
871	5/3/2015 13:00:53	11.59	48.81	31.77	8.89	8.02	4.2	3.329	99.8	3.2	0.8
872	5/3/2015 13:15:53	11.80	49.13	32.01	8.81	8.02	5.5	3.331	99.6	2.1	0.5
873	5/3/2015 13:30:52	11.63	49.00	31.92	8.76	8.02	4.6	3.314	98.5	1.8	0.4
874	5/3/2015 13:45:53	11.62	48.75	31.73	8.82	8.02	4.7	3.275	99.1	2.9	0.7
875	5/3/2015 14:00:53	12.22	48.43	31.53	8.92	8.04	4.7	3.220	101.4	2.3	0.5
876	5/3/2015 14:15:53	13.08	48.25	31.43	9.27	8.09	5.6	3.150	107.2	3.2	0.8
877	5/3/2015 14:30:53	12.74	48.76	31.79	9.50	8.08	4.5	3.075	109.3	3.1	0.7
878	5/3/2015 14:45:53	13.04	48.40	31.54	9.46	8.09	4.5	2.989	109.4	2.6	0.6
879	5/3/2015 15:00:53	14.06	47.99	31.27	9.37	8.12	4.8	2.906	110.5	3.0	0.7
880	5/3/2015 15:15:52	14.19	47.83	31.16	9.35	8.12	5.3	2.827	110.4	2.4	0.6
881	5/3/2015 15:30:53	14.49	47.78	31.14	9.52	8.13	5.2	2.742	113.1	3.1	0.7
882	5/3/2015 15:45:52	14.56	47.89	31.22	9.56	8.14	4.3	2.671	113.8	2.7	0.6
883	5/3/2015 16:00:53	14.86	47.96	31.27	9.73	8.16	4.0	2.590	116.6	2.6	0.6
884	5/3/2015 16:15:53	15.08	47.77	31.14	10.29	8.19	3.4	2.521	123.7	2.1	0.5
885	5/3/2015 16:30:52	15.06	47.73	31.11	10.56	8.21	3.5	2.439	126.8	3.0	0.7
886	5/3/2015 16:45:52	15.34	47.87	31.22	10.10	8.19	4.0	2.363	122.1	2.4	0.6
887	5/3/2015 17:00:52	15.55	47.69	31.09	10.31	8.20	4.2	2.304	125.1	2.3	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
888	5/3/2015 17:15:52	15.66	47.56	31.00	10.03	8.19	4.2	2.243	121.8	2.3	0.5
889	5/3/2015 17:30:52	15.77	47.54	30.99	9.96	8.19	4.6	2.186	121.3	3.2	0.8
890	5/3/2015 17:45:52	15.95	47.52	30.97	9.72	8.18	4.7	2.144	118.8	2.1	0.5
891	5/3/2015 18:00:52	15.97	47.52	30.97	9.75	8.18	4.4	2.120	119.1	3.3	0.8
892	5/3/2015 18:15:52	16.06	47.37	30.87	9.51	8.17	4.5	2.111	116.4	2.1	0.5
893	5/3/2015 18:30:52	15.97	47.69	31.10	9.73	8.18	4.0	2.106	119.0	3.1	0.7
894	5/3/2015 18:45:52	15.88	47.55	31.00	9.78	8.17	4.3	2.128	119.4	2.4	0.6
895	5/3/2015 19:00:52	15.80	47.55	31.00	9.74	8.17	4.8	2.172	118.6	2.0	0.5
896	5/3/2015 19:15:52	15.72	47.51	30.97	9.66	8.16	5.0	2.223	117.4	2.8	0.7
897	5/3/2015 19:30:52	15.64	47.65	31.06	9.60	8.16	4.8	2.292	116.6	2.5	0.6
898	5/3/2015 19:45:52	15.59	47.55	30.99	9.55	8.15	5.4	2.368	115.8	3.0	0.7
899	5/3/2015 20:00:52	15.45	47.32	30.82	9.59	8.15	5.3	2.440	115.9	3.2	0.8
900	5/3/2015 20:15:53	15.29	47.32	30.81	9.63	8.15	4.9	2.534	116.0	2.1	0.5
901	5/3/2015 20:30:52	15.01	46.32	30.09	9.65	8.14	4.6	2.610	115.1	2.7	0.6
902	5/3/2015 20:45:53	14.65	47.67	31.05	9.52	8.12	5.4	2.696	113.4	3.7	0.9
903	5/3/2015 21:00:53	14.05	48.00	31.28	9.32	8.09	4.8	2.779	109.9	2.5	0.6
904	5/3/2015 21:15:52	13.84	48.03	31.30	9.27	8.09	6.2	2.859	108.8	3.6	0.9
905	5/3/2015 21:30:53	13.66	48.17	31.40	9.23	8.08	5.3	2.947	108.0	2.6	0.6
906	5/3/2015 21:45:53	13.28	48.30	31.47	9.21	8.07	7.2	3.029	107.0	3.5	0.8
907	5/3/2015 22:00:53	12.81	48.39	31.52	9.15	8.06	7.8	3.120	105.2	2.7	0.7
908	5/3/2015 22:15:53	12.31	48.67	31.70	9.03	8.04	10.9	3.201	102.9	3.4	0.8
909	5/3/2015 22:30:53	12.09	48.62	31.66	8.97	8.04	10.1	3.294	101.8	3.0	0.7
910	5/3/2015 22:45:52	11.88	48.65	31.67	8.92	8.03	7.5	3.381	100.7	3.3	0.8
911	5/3/2015 23:00:52	11.53	48.73	31.71	8.81	8.02	7.5	3.455	98.8	3.3	0.8
912	5/3/2015 23:15:53	11.28	48.87	31.80	8.71	8.01	7.2	3.540	97.2	3.0	0.7
913	5/3/2015 23:30:53	11.10	49.02	31.90	8.63	8.00	7.0	3.604	96.1	2.8	0.7
914	5/3/2015 23:45:52	10.81	49.17	31.99	8.56	7.99	6.0	3.658	94.7	3.0	0.7
915	5/4/2015 00:00:52	10.63	49.18	31.99	8.52	7.99	5.3	3.706	93.8	5.1	1.2
916	5/4/2015 00:15:52	10.59	49.11	31.93	8.46	7.99	3.9	3.733	93.1	3.3	0.8
917	5/4/2015 00:30:52	11.09	49.02	31.90	8.45	8.00	3.7	3.750	94.0	3.9	0.9
918	5/4/2015 00:45:53	10.69	49.43	32.17	8.34	7.98	4.3	3.745	92.1	1.9	0.5
919	5/4/2015 01:00:52	10.53	49.39	32.13	8.36	7.98	3.7	3.710	92.0	2.6	0.6
920	5/4/2015 01:15:53	10.69	49.32	32.10	8.39	7.99	4.5	3.654	92.6	2.8	0.7
921	5/4/2015 01:30:53	11.34	48.82	31.76	8.53	8.01	4.8	3.583	95.3	2.9	0.7
922	5/4/2015 01:45:53	11.55	48.81	31.77	8.57	8.02	4.5	3.494	96.1	3.4	0.8
923	5/4/2015 02:00:53	11.94	48.79	31.77	8.59	8.03	4.0	3.388	97.2	2.1	0.5
924	5/4/2015 02:15:53	12.57	48.56	31.64	8.71	8.05	5.4	3.297	99.8	3.4	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
925	5/4/2015 02:30:53	12.84	48.35	31.49	8.76	8.06	5.3	3.182	100.9	2.0	0.5
926	5/4/2015 02:45:53	13.11	48.29	31.46	8.81	8.07	5.3	3.071	102.0	2.4	0.6
927	5/4/2015 03:00:53	13.21	48.29	31.47	8.83	8.07	5.9	2.969	102.4	2.4	0.6
928	5/4/2015 03:15:53	13.61	48.19	31.41	8.86	8.08	7.9	2.842	103.6	2.5	0.6
929	5/4/2015 03:30:52	13.59	48.08	31.32	8.79	8.07	5.2	2.742	102.6	1.8	0.4
930	5/4/2015 03:45:53	13.88	48.05	31.31	8.77	8.08	6.2	2.619	103.0	1.9	0.4
931	5/4/2015 04:00:53	14.16	47.97	31.26	8.73	8.09	7.5	2.499	103.1	1.9	0.5
932	5/4/2015 04:15:53	14.09	47.99	31.28	8.77	8.08	7.5	2.368	103.4	1.8	0.4
933	5/4/2015 04:30:53	13.91	47.94	31.23	8.74	8.08	7.0	2.239	102.7	1.7	0.4
934	5/4/2015 04:45:53	14.14	47.99	31.28	8.69	8.08	7.9	2.108	102.6	2.2	0.5
935	5/4/2015 05:00:53	14.15	48.03	31.31	8.66	8.08	8.2	1.981	102.3	3.1	0.7
936	5/4/2015 05:15:53	14.53	47.93	31.24	8.63	8.09	9.8	1.856	102.6	2.4	0.6
937	5/4/2015 05:30:53	14.50	47.86	31.19	8.63	8.09	8.6	1.715	102.6	2.6	0.6
938	5/4/2015 05:45:53	14.80	47.77	31.14	8.64	8.10	9.0	1.618	103.3	2.6	0.6
939	5/4/2015 06:00:53	14.83	47.74	31.11	8.64	8.10	8.4	1.513	103.4	1.4	0.3
940	5/4/2015 06:15:52	15.04	47.59	31.01	8.63	8.10	13.3	1.434	103.6	2.7	0.6
941	5/4/2015 06:30:52	15.18	47.52	30.96	8.57	8.10	10.4	1.369	103.1	2.7	0.6
942	5/4/2015 06:45:53	15.29	47.59	31.01	8.46	8.10	9.8	1.345	102.0	2.2	0.5
943	5/4/2015 07:00:53	15.21	47.49	30.94	8.42	8.09	9.5	1.362	101.4	2.1	0.5
944	5/4/2015 07:15:52	15.65	47.40	30.88	8.23	8.09	11.3	1.376	99.9	2.6	0.6
945	5/4/2015 07:30:52	15.59	47.43	30.90	8.22	8.09	10.3	1.432	99.6	2.6	0.6
946	5/4/2015 07:45:52	15.66	47.65	31.06	8.07	8.08	10.7	1.511	98.1	2.2	0.5
947	5/4/2015 08:00:52	15.59	47.47	30.93	8.15	8.08	11.0	1.587	98.9	2.9	0.7
948	5/4/2015 08:15:52	15.45	47.05	30.62	8.32	8.08	11.1	1.665	100.5	2.3	0.5
949	5/4/2015 08:30:52	15.41	47.20	30.73	8.34	8.08	11.0	1.749	100.7	2.6	0.6
950	5/4/2015 08:45:52	15.37	47.23	30.75	8.37	8.08	12.0	1.834	101.0	2.6	0.6
951	5/4/2015 09:00:53	15.32	47.47	30.93	8.42	8.09	10.3	1.912	101.6	2.9	0.7
952	5/4/2015 09:15:53	15.21	47.69	31.08	8.45	8.08	9.1	1.998	101.9	2.7	0.6
953	5/4/2015 09:30:53	15.13	47.67	31.07	8.48	8.08	7.9	2.086	102.1	2.3	0.6
954	5/4/2015 09:45:53	14.78	47.74	31.11	8.65	8.08	7.6	2.181	103.3	2.1	0.5
955	5/4/2015 10:00:53	14.57	47.92	31.23	8.74	8.08	7.3	2.277	104.0	2.2	0.5
956	5/4/2015 10:15:53	14.37	47.50	30.92	8.83	8.08	6.3	2.364	104.5	1.9	0.5
957	5/4/2015 10:30:52	14.26	46.34	30.08	8.90	8.08	5.9	2.464	104.5	2.0	0.5
958	5/4/2015 10:45:53	14.10	47.33	30.79	8.90	8.08	6.8	2.559	104.7	1.9	0.4
959	5/4/2015 11:00:53	13.99	47.66	31.03	8.88	8.08	7.1	2.650	104.4	3.0	0.7
960	5/4/2015 11:15:53	13.77	48.01	31.28	8.87	8.07	9.3	2.732	103.9	2.1	0.5
961	5/4/2015 11:30:52	13.62	48.06	31.31	8.85	8.07	8.3	2.816	103.4	2.1	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
962	5/4/2015 11:45:53	13.37	48.09	31.33	8.85	8.06	8.4	2.904	102.9	2.0	0.5
963	5/4/2015 12:00:53	13.14	47.97	31.23	8.87	8.06	9.7	2.985	102.6	2.8	0.7
964	5/4/2015 12:15:53	12.85	48.06	31.29	8.83	8.05	8.0	3.065	101.5	2.4	0.6
965	5/4/2015 12:30:53	12.36	48.18	31.35	8.70	8.03	10.1	3.140	99.1	3.0	0.7
966	5/4/2015 12:45:53	11.82	48.48	31.54	8.60	8.02	8.1	3.200	96.9	3.7	0.9
967	5/4/2015 13:00:53	11.47	48.68	31.68	8.53	8.01	6.2	3.256	95.5	3.6	0.9
968	5/4/2015 13:15:53	11.35	49.00	31.89	8.46	8.00	5.4	3.293	94.6	2.0	0.5
969	5/4/2015 13:30:53	11.28	49.11	31.98	8.42	8.00	4.3	3.317	94.1	2.8	0.7
970	5/4/2015 13:45:53	11.27	49.17	32.02	8.25	8.00	3.1	3.334	92.2	2.6	0.6
971	5/4/2015 14:00:53	11.29	48.97	31.88	8.27	8.00	4.2	3.330	92.4	2.3	0.6
972	5/4/2015 14:15:53	11.31	48.93	31.84	8.34	8.00	4.3	3.305	93.2	1.5	0.4
973	5/4/2015 14:30:53	11.75	48.77	31.75	8.56	8.02	6.1	3.257	96.4	2.4	0.6
974	5/4/2015 14:45:53	12.55	48.63	31.69	9.10	8.07	7.6	3.202	104.3	2.8	0.7
975	5/4/2015 15:00:53	12.71	48.54	31.63	9.21	8.07	6.6	3.130	105.9	2.4	0.6
976	5/4/2015 15:15:53	12.81	48.59	31.66	9.24	8.07	7.0	3.060	106.4	2.2	0.5
977	5/4/2015 15:30:53	12.93	48.55	31.64	9.31	8.08	7.0	2.974	107.5	2.5	0.6
978	5/4/2015 15:45:53	13.09	48.31	31.47	9.45	8.09	7.9	2.881	109.3	2.5	0.6
979	5/4/2015 16:00:53	13.35	48.47	31.60	9.54	8.10	7.5	2.802	111.1	2.2	0.5
980	5/4/2015 16:15:53	13.88	48.12	31.36	9.60	8.12	8.6	2.723	112.8	2.0	0.5
981	5/4/2015 16:30:53	14.27	47.99	31.28	9.76	8.14	10.8	2.645	115.5	2.9	0.7
982	5/4/2015 16:45:53	14.60	47.93	31.25	9.77	8.16	11.7	2.559	116.4	3.4	0.8
983	5/4/2015 17:00:53	14.74	47.75	31.12	9.79	8.16	13.8	2.493	116.9	2.5	0.6
984	5/4/2015 17:15:53	14.89	47.78	31.15	9.93	8.17	12.0	2.422	119.0	2.9	0.7
985	5/4/2015 17:30:53	15.02	47.88	31.22	9.46	8.15	13.3	2.354	113.7	4.0	0.9
986	5/4/2015 17:45:52	15.09	47.71	31.09	9.55	8.15	13.5	2.295	114.8	3.5	0.8
987	5/4/2015 18:00:52	15.24	47.73	31.12	9.49	8.16	13.2	2.242	114.4	3.7	0.9
988	5/4/2015 18:15:52	15.30	47.95	31.28	9.43	8.15	14.2	2.208	114.0	3.2	0.8
989	5/4/2015 18:30:53	15.40	47.88	31.22	9.20	8.14	13.8	2.173	111.4	3.2	0.8
990	5/4/2015 18:45:52	15.44	48.31	31.54	9.25	8.14	12.8	2.164	112.3	2.6	0.6
991	5/4/2015 19:00:53	15.47	47.73	31.12	8.89	8.12	10.4	2.177	107.7	2.7	0.6
992	5/4/2015 19:15:52	15.55	47.58	31.01	8.99	8.12	11.9	2.201	109.0	3.2	0.8
993	5/4/2015 19:30:52	15.42	47.81	31.18	9.04	8.12	11.2	2.235	109.5	2.9	0.7
994	5/4/2015 19:45:52	15.45	47.74	31.13	9.04	8.12	10.4	2.283	109.5	2.8	0.7
995	5/4/2015 20:00:52	15.48	47.59	31.02	9.04	8.12	12.0	2.367	109.4	2.4	0.6
996	5/4/2015 20:15:52	15.35	47.51	30.96	9.11	8.12	10.3	2.422	110.0	2.8	0.7
997	5/4/2015 20:30:52	15.40	47.41	30.89	9.16	8.12	10.5	2.492	110.7	3.7	0.9
998	5/4/2015 20:45:53	15.19	47.44	30.90	9.20	8.12	11.6	2.582	110.6	3.0	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
999	5/4/2015 21:00:53	15.05	47.62	31.03	9.22	8.12	9.2	2.652	110.7	2.1	0.5
1000	5/4/2015 21:15:53	14.47	47.96	31.26	9.24	8.11	8.7	2.732	109.8	3.4	0.8
1001	5/4/2015 21:30:53	14.09	47.92	31.22	9.19	8.09	8.4	2.808	108.3	2.4	0.6
1002	5/4/2015 21:45:53	13.62	48.11	31.35	9.07	8.08	8.2	2.895	106.1	3.0	0.7
1003	5/4/2015 22:00:53	13.19	48.11	31.33	8.98	8.06	7.2	2.983	104.0	2.9	0.7
1004	5/4/2015 22:15:53	13.05	48.42	31.55	8.97	8.06	8.7	3.050	103.7	4.0	1.0
1005	5/4/2015 22:30:53	12.65	48.55	31.63	8.94	8.05	8.9	3.143	102.5	11.2	2.7
1006	5/4/2015 22:45:53	12.27	48.61	31.66	8.90	8.04	9.5	3.234	101.4	3.5	0.8
1007	5/4/2015 23:00:53	11.86	48.68	31.69	8.87	8.03	11.3	3.320	100.1	3.4	0.8
1008	5/4/2015 23:15:53	11.63	48.60	31.62	8.87	8.03	10.4	3.404	99.7	4.6	1.1
1009	5/4/2015 23:30:53	11.21	48.70	31.68	8.83	8.02	8.4	3.478	98.4	3.2	0.8
1010	5/4/2015 23:45:53	11.01	49.37	32.15	8.74	8.01	6.9	3.552	97.2	3.9	0.9
1011	5/5/2015 00:00:53	10.86	49.04	31.90	8.73	8.01	5.7	3.626	96.6	3.8	0.9
1012	5/5/2015 00:15:53	10.72	47.55	30.82	8.75	8.00	5.1	3.700	95.9	2.9	0.7
1013	5/5/2015 00:30:53	10.57	49.10	31.93	8.64	8.00	4.9	3.736	95.1	3.7	0.9
1014	5/5/2015 00:45:53	10.47	49.15	31.95	8.65	8.00	4.9	3.764	94.9	4.6	1.1
1015	5/5/2015 01:00:53	10.44	49.22	32.00	8.39	7.99	2.5	3.782	92.1	4.6	1.1
1016	5/5/2015 01:15:53	10.68	50.11	32.66	8.51	7.99	3.6	3.770	94.2	2.5	0.6
1017	5/5/2015 01:30:53	10.51	48.99	31.85	8.55	7.99	3.8	3.741	93.9	2.9	0.7
1018	5/5/2015 01:45:52	10.74	48.97	31.85	8.57	8.00	5.0	3.684	94.5	2.3	0.6
1019	5/5/2015 02:00:53	11.12	48.79	31.73	8.63	8.01	7.8	3.622	95.9	3.1	0.7
1020	5/5/2015 02:15:53	11.09	48.71	31.68	8.66	8.01	4.9	3.545	96.2	3.1	0.7
1021	5/5/2015 02:30:53	11.03	48.96	31.85	8.62	8.01	5.7	3.435	95.7	3.6	0.9
1022	5/5/2015 02:45:53	12.37	48.35	31.47	8.67	8.05	7.3	3.328	98.8	2.1	0.5
1023	5/5/2015 03:00:53	12.59	48.38	31.51	8.72	8.06	9.1	3.231	99.8	2.3	0.6
1024	5/5/2015 03:15:53	12.58	48.39	31.51	8.75	8.06	8.4	3.126	100.1	2.6	0.6
1025	5/5/2015 03:30:53	13.00	48.17	31.37	8.68	8.06	8.4	2.989	100.1	1.9	0.4
1026	5/5/2015 03:45:53	13.19	48.01	31.26	8.62	8.06	7.7	2.882	99.8	2.7	0.7
1027	5/5/2015 04:00:53	13.86	47.96	31.25	8.54	8.07	8.0	2.768	100.2	2.8	0.7
1028	5/5/2015 04:15:52	13.35	47.92	31.20	8.55	8.06	8.7	2.643	99.3	2.7	0.6
1029	5/5/2015 04:30:53	13.88	47.93	31.22	8.51	8.07	10.0	2.517	99.9	2.2	0.5
1030	5/5/2015 04:45:53	13.36	48.28	31.47	8.54	8.06	9.4	2.391	99.3	2.1	0.5
1031	5/5/2015 05:00:53	13.84	48.05	31.31	8.50	8.07	12.5	2.250	99.8	2.7	0.7
1032	5/5/2015 05:15:53	13.50	48.15	31.37	8.45	8.06	11.9	2.117	98.5	2.5	0.6
1033	5/5/2015 05:30:53	13.98	47.98	31.26	8.44	8.07	15.3	1.987	99.3	2.0	0.5
1034	5/5/2015 05:45:53	13.88	47.95	31.24	8.43	8.07	13.9	1.859	99.0	2.6	0.6
1035	5/5/2015 06:00:53	14.11	47.76	31.11	8.41	8.07	15.0	1.711	99.1	3.7	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
1036	5/5/2015 06:15:53	14.23	47.76	31.11	8.40	8.08	14.1	1.604	99.3	2.4	0.6
1037	5/5/2015 06:30:53	14.25	47.69	31.06	8.39	8.07	13.3	1.488	99.2	1.9	0.5
1038	5/5/2015 06:45:53	14.41	47.59	30.99	8.35	8.08	13.2	1.369	98.9	2.7	0.6
1039	5/5/2015 07:00:53	14.42	47.91	31.22	8.31	8.07	12.5	1.308	98.6	2.3	0.5
1040	5/5/2015 07:15:53	14.62	47.78	31.13	8.21	8.07	13.3	1.256	97.7	2.4	0.6
1041	5/5/2015 07:30:52	14.63	47.75	31.11	8.05	8.07	11.2	1.255	95.9	2.5	0.6
1042	5/5/2015 07:45:52	14.70	46.50	30.21	8.19	8.07	14.1	1.271	97.1	2.7	0.6
1043	5/5/2015 08:00:53	14.71	47.58	30.99	8.16	8.07	13.0	1.332	97.3	3.3	0.8
1044	5/5/2015 08:15:53	14.80	47.48	30.92	8.14	8.07	15.6	1.399	97.2	2.2	0.5
1045	5/5/2015 08:30:53	14.85	47.64	31.04	8.09	8.07	14.5	1.483	96.8	3.2	0.8
1046	5/5/2015 08:45:53	14.84	47.60	31.01	8.12	8.07	16.3	1.558	97.0	2.1	0.5
1047	5/5/2015 09:00:53	14.74	47.29	30.79	8.21	8.07	15.1	1.655	97.8	3.1	0.7
1048	5/5/2015 09:15:53	14.72	47.40	30.86	8.16	8.07	14.2	1.722	97.3	1.9	0.5
1049	5/5/2015 09:30:53	14.72	47.43	30.89	8.15	8.07	15.3	1.803	97.1	2.8	0.7
1050	5/5/2015 09:45:53	14.67	47.47	30.91	8.21	8.07	14.2	1.894	97.8	1.8	0.4
1051	5/5/2015 10:00:53	14.64	47.54	30.96	8.23	8.07	14.3	1.967	98.0	2.4	0.6
1052	5/5/2015 10:15:53	14.47	47.47	30.91	8.31	8.07	14.2	2.070	98.6	1.7	0.4
1053	5/5/2015 10:30:53	14.22	47.60	31.00	8.49	8.07	10.8	2.165	100.2	1.7	0.4
1054	5/5/2015 10:45:53	14.07	48.08	31.34	8.60	8.08	8.7	2.259	101.5	2.3	0.5
1055	5/5/2015 11:00:53	13.97	47.67	31.04	8.69	8.08	8.3	2.348	102.1	2.4	0.6
1056	5/5/2015 11:15:53	13.87	46.45	30.16	8.76	8.07	8.3	2.457	102.2	1.4	0.3
1057	5/5/2015 11:30:53	13.86	45.70	29.62	8.82	8.07	8.1	2.544	102.5	1.5	0.3
1058	5/5/2015 11:45:53	13.81	47.81	31.14	8.77	8.07	9.7	2.631	102.8	2.4	0.6
1059	5/5/2015 12:00:53	13.68	48.34	31.52	8.80	8.07	9.8	2.725	103.0	2.4	0.6
1060	5/5/2015 12:15:53	13.57	48.42	31.57	8.79	8.07	9.9	2.804	102.8	2.4	0.6
1061	5/5/2015 12:30:53	13.35	48.46	31.59	8.77	8.06	10.6	2.882	102.1	3.0	0.7
1062	5/5/2015 12:45:53	13.13	48.23	31.42	8.82	8.06	13.1	2.964	102.1	2.2	0.5
1063	5/5/2015 13:00:52	12.77	48.40	31.53	8.79	8.05	12.1	3.028	101.1	3.3	0.8
1064	5/5/2015 13:15:53	12.30	48.82	31.82	8.68	8.03	10.0	3.109	99.0	3.5	0.8
1065	5/5/2015 13:30:53	11.95	48.70	31.71	8.67	8.02	9.6	3.164	98.0	3.8	0.9
1066	5/5/2015 13:45:53	11.77	48.61	31.64	8.63	8.02	7.9	3.213	97.3	3.4	0.8
1067	5/5/2015 14:00:53	11.70	48.71	31.71	8.64	8.02	6.4	3.257	97.2	2.7	0.6
1068	5/5/2015 14:15:53	11.63	48.79	31.76	8.62	8.02	4.8	3.285	96.9	2.4	0.6
1069	5/5/2015 14:30:53	11.61	49.08	31.97	8.37	8.01	3.8	3.293	94.1	2.7	0.6
1070	5/5/2015 14:45:53	11.63	48.80	31.77	8.46	8.01	3.9	3.294	95.1	2.1	0.5
1071	5/5/2015 15:00:53	11.69	49.02	31.93	8.52	8.02	4.8	3.278	96.0	2.9	0.7
1072	5/5/2015 15:15:53	12.16	48.69	31.71	8.67	8.04	5.5	3.223	98.5	2.8	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1073	5/5/2015 15:30:53	13.05	48.72	31.77	9.16	8.08	9.8	3.158	106.1	3.3	0.8
1074	5/5/2015 15:45:52	13.15	48.37	31.52	9.30	8.09	8.9	3.086	107.7	3.7	0.9
1075	5/5/2015 16:00:53	13.24	48.38	31.53	9.35	8.09	8.9	3.009	108.5	3.1	0.7
1076	5/5/2015 16:15:53	13.37	48.42	31.57	9.43	8.10	9.1	2.933	109.8	3.0	0.7
1077	5/5/2015 16:30:53	13.68	48.44	31.59	9.53	8.11	11.3	2.838	111.7	2.6	0.6
1078	5/5/2015 16:45:53	14.03	48.37	31.55	9.66	8.12	13.6	2.766	114.0	1.8	0.4
1079	5/5/2015 17:00:53	14.49	48.26	31.49	9.79	8.15	14.2	2.691	116.6	3.9	0.9
1080	5/5/2015 17:15:53	15.01	48.32	31.54	9.35	8.14	26.0	2.601	112.6	3.6	0.9
1081	5/5/2015 17:30:52	15.27	47.65	31.06	9.64	8.16	22.3	2.530	116.3	2.8	0.7
1082	5/5/2015 17:45:52	15.33	47.61	31.03	9.38	8.15	20.0	2.466	113.3	3.6	0.9
1083	5/5/2015 18:00:52	15.44	47.56	30.99	9.22	8.13	19.8	2.407	111.5	2.7	0.6
1084	5/5/2015 18:15:52	15.52	47.69	31.09	9.41	8.14	16.7	2.348	114.1	3.5	0.8
1085	5/5/2015 18:30:52	15.56	47.52	30.97	9.36	8.15	14.1	2.276	113.5	3.0	0.7
1086	5/5/2015 18:45:52	15.63	47.76	31.14	9.00	8.11	16.6	2.238	109.4	3.3	0.8
1087	5/5/2015 19:00:52	15.75	47.41	30.89	8.93	8.11	17.1	2.212	108.6	3.1	0.7
1088	5/5/2015 19:15:52	15.77	47.34	30.84	8.73	8.09	16.2	2.203	106.2	3.2	0.8
1089	5/5/2015 19:30:52	15.85	47.62	31.05	8.27	8.07	13.6	2.188	100.9	2.9	0.7
1090	5/5/2015 19:45:52	15.83	47.95	31.29	8.69	8.09	15.3	2.216	106.1	3.1	0.7
1091	5/5/2015 20:00:52	15.77	47.72	31.11	8.71	8.09	13.3	2.253	106.1	3.2	0.8
1092	5/5/2015 20:15:52	15.79	47.73	31.13	8.63	8.08	13.9	2.284	105.2	2.9	0.7
1093	5/5/2015 20:30:52	15.86	47.59	31.03	8.58	8.08	15.0	2.343	104.7	2.6	0.6
1094	5/5/2015 20:45:52	15.87	47.66	31.07	8.70	8.09	14.5	2.412	106.3	6.5	1.6
1095	5/5/2015 21:00:52	16.03	47.55	31.00	8.89	8.11	14.2	2.486	108.9	2.9	0.7
1096	5/5/2015 21:15:52	15.79	47.70	31.10	8.92	8.11	15.9	2.573	108.7	4.3	1.0
1097	5/5/2015 21:30:52	15.40	47.76	31.14	8.96	8.10	16.5	2.638	108.4	3.2	0.8
1098	5/5/2015 21:45:52	15.01	47.77	31.14	9.00	8.09	10.8	2.713	108.1	4.6	1.1
1099	5/5/2015 22:00:53	14.21	48.01	31.29	9.03	8.08	13.3	2.802	106.8	4.5	1.1
1100	5/5/2015 22:15:53	13.82	48.02	31.29	9.02	8.07	14.5	2.871	105.8	2.9	0.7
1101	5/5/2015 22:30:53	13.36	48.01	31.27	8.95	8.06	9.8	2.950	104.0	2.9	0.7
1102	5/5/2015 22:45:53	13.18	48.01	31.26	8.94	8.06	9.0	3.030	103.5	3.1	0.7
1103	5/5/2015 23:00:53	12.98	48.00	31.24	8.94	8.06	10.3	3.113	103.0	3.9	0.9
1104	5/5/2015 23:15:53	12.50	48.20	31.37	8.89	8.04	12.0	3.193	101.6	2.3	0.6
1105	5/5/2015 23:30:52	11.99	48.43	31.51	8.89	8.03	14.0	3.278	100.6	3.8	0.9
1106	5/5/2015 23:45:53	11.77	48.55	31.59	8.87	8.02	13.0	3.353	99.9	5.3	1.3
1107	5/6/2015 00:00:52	11.46	47.41	30.75	8.93	8.01	11.1	3.442	99.4	5.5	1.3
1108	5/6/2015 00:15:53	11.24	48.85	31.78	8.88	8.01	8.5	3.502	99.0	4.5	1.1
1109	5/6/2015 00:30:53	11.07	48.93	31.83	8.87	8.00	7.0	3.571	98.6	6.0	1.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1110	5/6/2015 00:45:53	10.97	49.04	31.90	8.85	8.00	6.2	3.634	98.2	2.9	0.7
1111	5/6/2015 01:00:53	10.73	49.00	31.87	8.88	7.99	5.8	3.679	98.0	3.4	0.8
1112	5/6/2015 01:15:53	10.65	49.23	32.02	8.86	7.99	5.0	3.718	97.7	4.2	1.0
1113	5/6/2015 01:30:53	10.65	48.93	31.81	8.78	7.99	3.2	3.737	96.7	3.4	0.8
1114	5/6/2015 01:45:53	10.76	49.45	32.19	8.67	7.98	3.7	3.739	95.9	3.3	0.8
1115	5/6/2015 02:00:53	10.67	49.47	32.20	8.69	7.98	4.2	3.714	95.9	2.7	0.6
1116	5/6/2015 02:15:53	10.75	49.09	31.93	8.70	7.99	4.8	3.670	96.1	2.1	0.5
1117	5/6/2015 02:30:53	11.10	48.89	31.81	8.72	8.00	5.6	3.598	96.9	2.9	0.7
1118	5/6/2015 02:45:53	11.23	48.66	31.65	8.73	8.01	6.6	3.520	97.2	2.6	0.6
1119	5/6/2015 03:00:53	11.38	48.65	31.64	8.74	8.01	6.7	3.421	97.6	2.9	0.7
1120	5/6/2015 03:15:53	12.14	48.51	31.58	8.66	8.03	5.9	3.313	98.3	3.2	0.8
1121	5/6/2015 03:30:53	12.74	47.90	31.17	8.58	8.05	10.0	3.218	98.4	2.3	0.6
1122	5/6/2015 03:45:53	12.91	47.62	30.97	8.67	8.05	10.8	3.108	99.6	2.8	0.7
1123	5/6/2015 04:00:53	13.26	47.53	30.92	8.60	8.06	8.9	2.992	99.5	2.5	0.6
1124	5/6/2015 04:15:53	13.35	47.70	31.04	8.65	8.06	9.0	2.880	100.3	2.5	0.6
1125	5/6/2015 04:30:53	13.67	47.65	31.02	8.45	8.05	9.2	2.759	98.7	2.6	0.6
1126	5/6/2015 04:45:53	13.74	47.43	30.86	8.32	8.04	9.0	2.626	97.2	1.9	0.4
1127	5/6/2015 05:00:52	13.77	47.51	30.92	8.34	8.05	9.5	2.511	97.5	2.2	0.5
1128	5/6/2015 05:15:53	13.67	47.49	30.90	8.43	8.05	9.6	2.387	98.4	2.4	0.6
1129	5/6/2015 05:30:53	13.60	47.38	30.82	8.37	8.04	11.2	2.241	97.5	2.5	0.6
1130	5/6/2015 05:45:53	14.24	47.22	30.72	8.31	8.06	15.0	2.098	97.9	2.0	0.5
1131	5/6/2015 06:00:53	13.77	47.18	30.68	8.30	8.05	14.3	1.966	96.9	2.1	0.5
1132	5/6/2015 06:15:53	14.26	47.34	30.81	8.22	8.06	17.8	1.829	97.0	2.2	0.5
1133	5/6/2015 06:30:53	14.22	46.31	30.06	8.27	8.06	16.0	1.694	97.1	3.0	0.7
1134	5/6/2015 06:45:53	14.36	46.31	30.06	8.29	8.06	14.4	1.554	97.6	2.3	0.5
1135	5/6/2015 07:00:53	14.43	46.12	29.93	8.29	8.06	13.2	1.438	97.6	2.3	0.5
1136	5/6/2015 07:15:53	14.52	46.36	30.11	8.23	8.06	13.6	1.331	97.2	2.7	0.7
1137	5/6/2015 07:30:53	14.60	46.06	29.89	8.21	8.06	12.7	1.242	97.0	2.4	0.6
1138	5/6/2015 07:45:53	14.69	46.20	29.99	8.14	8.06	12.6	1.197	96.4	2.2	0.5
1139	5/6/2015 08:00:53	14.69	46.27	30.05	7.98	8.05	10.5	1.177	94.5	2.4	0.6
1140	5/6/2015 08:15:53	14.71	46.35	30.11	8.07	8.06	12.0	1.192	95.7	2.4	0.6
1141	5/6/2015 08:30:53	14.91	48.02	31.32	7.93	8.06	14.0	1.258	95.1	2.1	0.5
1142	5/6/2015 08:45:53	14.86	47.80	31.16	7.99	8.06	12.7	1.312	95.6	2.5	0.6
1143	5/6/2015 09:00:53	15.13	45.76	29.68	7.86	8.05	14.4	1.390	93.8	2.9	0.7
1144	5/6/2015 09:15:53	15.20	46.20	30.01	7.90	8.05	13.1	1.461	94.5	2.5	0.6
1145	5/6/2015 09:30:53	15.23	45.53	29.53	7.98	8.06	14.2	1.536	95.2	3.2	0.8
1146	5/6/2015 09:45:52	15.14	45.17	29.26	7.98	8.06	14.1	1.613	94.9	3.5	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1147	5/6/2015 10:00:53	15.05	46.19	30.00	7.95	8.06	13.4	1.695	94.9	2.9	0.7
1148	5/6/2015 10:15:53	15.02	46.06	29.90	7.96	8.06	14.1	1.757	94.8	2.9	0.7
1149	5/6/2015 10:30:52	14.94	45.66	29.61	8.08	8.06	12.6	1.849	95.9	2.0	0.5
1150	5/6/2015 10:45:52	14.82	45.77	29.69	8.09	8.05	13.3	1.950	95.9	1.9	0.5
1151	5/6/2015 11:00:53	14.56	46.09	29.91	8.25	8.05	11.7	2.031	97.5	2.0	0.5
1152	5/6/2015 11:15:53	14.31	46.11	29.92	8.49	8.06	11.5	2.125	99.7	2.2	0.5
1153	5/6/2015 11:30:53	14.28	46.00	29.84	8.60	8.07	9.2	2.224	100.9	2.1	0.5
1154	5/6/2015 11:45:53	14.11	46.26	30.02	8.67	8.07	10.0	2.330	101.6	2.6	0.6
1155	5/6/2015 12:00:53	14.12	46.38	30.11	8.72	8.07	9.9	2.425	102.2	2.8	0.7
1156	5/6/2015 12:15:53	14.14	46.23	30.01	8.75	8.07	9.4	2.518	102.5	3.1	0.7
1157	5/6/2015 12:30:53	14.03	46.29	30.04	8.76	8.07	9.3	2.612	102.4	2.5	0.6
1158	5/6/2015 12:45:53	13.97	46.42	30.13	8.83	8.07	10.7	2.697	103.1	2.8	0.7
	Mean	14.00	48.65	31.75	8.75	8.07	6.60	2.59	103.32	2.88	0.68
	Minimum	10.44	45.17	29.26	7.79	7.97	2.00	1.18	86.80	1.00	0.20
	Maximum	17.05	50.84	33.25	10.66	8.21	26.00	3.78	128.90	11.20	2.70

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

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	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
0	5/6/2015 12:16:10	13.60	50.01	32.73	7.62	7.92	12.5	2.849	89.8	3.3	0.8
1	5/6/2015 12:31:11	13.43	50.14	32.82	7.71	7.93	12.5	2.929	90.6	3.4	0.8
2	5/6/2015 12:46:11	13.11	50.25	32.89	7.70	7.92	14.2	2.995	89.9	3.7	0.9
3	5/6/2015 13:01:11	12.51	50.44	33.00	7.72	7.91	11.2	3.062	89.1	3.5	0.8
4	5/6/2015 13:16:11	12.21	50.46	33.00	7.71	7.91	9.0	3.130	88.4	3.5	0.8
5	5/6/2015 13:31:11	12.12	50.58	33.08	7.71	7.91	7.4	3.167	88.3	4.2	1.0
6	5/6/2015 13:46:11	12.03	50.56	33.06	7.71	7.91	5.2	3.209	88.2	3.5	0.8
7	5/6/2015 14:01:11	12.00	50.56	33.06	7.70	7.91	4.0	3.229	88.0	4.5	1.0
8	5/6/2015 14:16:11	12.03	50.51	33.03	7.53	7.90	4.2	3.229	86.1	4.0	0.9
9	5/6/2015 14:31:11	12.05	50.58	33.08	7.63	7.91	5.1	3.217	87.3	3.8	0.9
10	5/6/2015 14:46:11	12.11	50.59	33.09	7.63	7.91	6.3	3.174	87.4	3.3	0.8
11	5/6/2015 15:01:11	13.27	50.27	32.91	7.91	7.96	9.7	3.130	92.7	3.7	0.9
12	5/6/2015 15:16:11	13.47	50.20	32.86	8.13	7.97	11.3	3.063	95.7	3.6	0.9
13	5/6/2015 15:31:11	13.54	50.33	32.96	8.19	7.98	11.1	2.992	96.6	3.9	0.9
14	5/6/2015 15:46:12	13.63	50.22	32.88	8.24	7.98	11.0	2.911	97.3	3.7	0.9
15	5/6/2015 16:01:11	13.73	50.15	32.84	8.30	7.99	11.2	2.842	98.2	3.8	0.9
16	5/6/2015 16:16:11	13.93	50.34	32.98	8.37	8.01	11.4	2.763	99.5	4.1	1.0
17	5/6/2015 16:31:10	14.35	50.00	32.74	8.40	8.02	14.1	2.694	100.5	4.1	1.0
18	5/6/2015 16:46:10	14.94	49.81	32.62	7.97	8.01	28.6	2.624	96.4	4.4	1.0
19	5/6/2015 17:01:10	15.09	49.92	32.70	8.26	8.04	23.6	2.554	100.2	4.4	1.0
20	5/6/2015 17:16:11	15.37	49.72	32.57	8.28	8.05	24.5	2.492	101.0	4.5	1.1
21	5/6/2015 17:31:10	15.43	49.81	32.63	8.20	8.05	22.7	2.429	100.2	4.3	1.0
22	5/6/2015 17:46:10	15.33	49.77	32.60	8.11	8.04	22.2	2.358	98.9	4.5	1.1
23	5/6/2015 18:01:11	15.37	49.91	32.71	7.98	8.03	23.0	2.315	97.4	4.2	1.0
24	5/6/2015 18:16:12	15.53	49.81	32.63	7.62	8.00	22.9	2.263	93.3	3.6	0.8
25	5/6/2015 18:31:11	15.57	49.61	32.49	7.67	8.01	19.8	2.226	93.9	3.9	0.9
26	5/6/2015 18:46:10	15.52	49.60	32.48	7.65	8.00	20.0	2.206	93.6	4.3	1.0
27	5/6/2015 19:01:11	15.55	49.64	32.51	7.51	7.99	18.3	2.206	92.0	4.1	1.0
28	5/6/2015 19:16:11	15.64	49.54	32.44	7.26	7.97	15.3	2.213	88.9	4.3	1.0
29	5/6/2015 19:31:11	15.84	49.50	32.42	7.31	7.97	15.9	2.223	89.9	4.3	1.0
30	5/6/2015 19:46:10	15.74	49.58	32.47	7.43	7.98	17.0	2.272	91.3	3.7	0.9
31	5/6/2015 20:01:11	15.85	49.43	32.37	7.40	7.97	16.2	2.317	91.0	4.1	1.0
32	5/6/2015 20:16:11	15.87	49.58	32.47	7.41	7.98	17.7	2.374	91.3	3.7	0.9
33	5/6/2015 20:31:10	16.11	49.39	32.34	7.50	7.99	17.2	2.443	92.7	4.5	1.1
34	5/6/2015 20:46:10	16.06	49.41	32.35	7.53	8.00	16.1	2.512	93.0	3.8	0.9
35	5/6/2015 21:01:11	15.86	49.61	32.50	7.57	7.99	18.0	2.584	93.2	5.4	1.3
36	5/6/2015 21:16:11	15.08	49.78	32.60	7.69	7.98	21.2	2.663	93.3	4.0	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
37	5/6/2015 21:31:11	14.67	49.90	32.68	7.73	7.97	15.4	2.730	93.0	4.1	1.0
38	5/6/2015 21:46:11	14.01	50.07	32.79	7.77	7.96	17.2	2.802	92.3	3.9	0.9
39	5/6/2015 22:01:11	13.61	50.11	32.80	7.78	7.95	13.6	2.881	91.8	4.7	1.1
40	5/6/2015 22:16:10	13.30	50.09	32.77	7.77	7.94	10.3	2.949	90.9	3.9	0.9
41	5/6/2015 22:31:11	13.15	50.28	32.91	7.75	7.94	9.1	3.026	90.6	4.2	1.0
42	5/6/2015 22:46:11	12.66	50.48	33.04	7.71	7.92	12.7	3.099	89.3	4.3	1.0
43	5/6/2015 23:01:11	12.49	50.54	33.07	7.73	7.92	13.0	3.180	89.2	4.7	1.1
44	5/6/2015 23:16:11	12.13	50.57	33.08	7.75	7.91	14.7	3.262	88.8	4.2	1.0
45	5/6/2015 23:31:11	11.71	50.61	33.09	7.77	7.91	12.7	3.338	88.2	4.7	1.1
46	5/6/2015 23:46:11	11.42	50.58	33.05	7.77	7.90	10.8	3.413	87.7	4.6	1.1
47	5/7/2015 00:01:11	11.14	50.91	33.28	7.73	7.89	9.7	3.477	86.9	5.1	1.2
48	5/7/2015 00:16:11	11.02	51.00	33.33	7.71	7.89	6.8	3.546	86.4	4.5	1.1
49	5/7/2015 00:31:12	10.95	50.78	33.16	7.67	7.88	4.5	3.594	85.7	5.0	1.2
50	5/7/2015 00:46:11	10.90	50.94	33.28	7.66	7.88	4.7	3.633	85.5	4.5	1.1
51	5/7/2015 01:01:11	10.87	50.95	33.29	7.57	7.88	3.8	3.644	84.5	5.1	1.2
52	5/7/2015 01:16:11	11.19	50.80	33.19	7.53	7.89	4.6	3.654	84.6	3.7	0.9
53	5/7/2015 01:31:11	10.94	51.01	33.33	7.56	7.88	4.5	3.629	84.5	3.9	0.9
54	5/7/2015 01:46:11	11.04	50.72	33.13	7.59	7.88	6.7	3.582	85.0	3.9	0.9
55	5/7/2015 02:01:12	11.91	50.61	33.09	7.60	7.91	6.5	3.525	86.6	3.7	0.9
56	5/7/2015 02:16:12	11.96	50.63	33.11	7.57	7.91	5.9	3.459	86.4	2.9	0.7
57	5/7/2015 02:31:11	11.55	50.74	33.17	7.56	7.90	6.6	3.350	85.6	4.2	1.0
58	5/7/2015 02:46:11	12.14	50.61	33.10	7.54	7.91	8.2	3.263	86.3	3.1	0.7
59	5/7/2015 03:01:12	12.61	50.50	33.04	7.49	7.93	13.5	3.180	86.7	3.1	0.7
60	5/7/2015 03:16:11	12.55	50.44	33.00	7.49	7.92	12.5	3.066	86.6	3.9	0.9
61	5/7/2015 03:31:11	12.77	50.38	32.96	7.39	7.92	13.0	2.956	85.7	3.5	0.8
62	5/7/2015 03:46:11	13.15	50.17	32.83	7.33	7.93	12.5	2.840	85.6	3.6	0.8
63	5/7/2015 04:01:11	12.53	50.63	33.14	7.41	7.91	9.5	2.733	85.6	3.8	0.9
64	5/7/2015 04:16:11	13.71	50.09	32.79	7.24	7.94	12.7	2.613	85.6	3.7	0.9
65	5/7/2015 04:31:11	13.38	50.18	32.85	7.29	7.93	17.2	2.482	85.5	3.4	0.8
66	5/7/2015 04:46:11	13.46	50.23	32.89	7.27	7.93	15.0	2.363	85.5	3.5	0.8
67	5/7/2015 05:01:11	13.54	50.17	32.84	7.25	7.93	16.1	2.238	85.4	3.0	0.7
68	5/7/2015 05:16:11	13.23	50.11	32.79	7.28	7.92	15.0	2.099	85.2	3.1	0.7
69	5/7/2015 05:31:11	14.01	50.05	32.77	7.14	7.94	20.8	1.969	84.8	3.6	0.8
70	5/7/2015 05:46:11	13.67	50.19	32.87	7.15	7.93	16.9	1.827	84.5	3.4	0.8
71	5/7/2015 06:01:11	13.92	50.13	32.82	7.13	7.94	18.1	1.695	84.6	3.1	0.7
72	5/7/2015 06:16:11	14.11	50.05	32.77	7.07	7.95	18.3	1.554	84.2	3.0	0.7
73	5/7/2015 06:31:12	14.25	50.05	32.78	7.05	7.95	18.2	1.436	84.2	3.3	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
74	5/7/2015 06:46:11	14.32	49.95	32.71	7.03	7.95	16.4	1.328	84.0	2.9	0.7
75	5/7/2015 07:01:11	14.38	50.00	32.75	7.00	7.95	18.9	1.240	83.8	3.0	0.7
76	5/7/2015 07:16:11	14.43	49.81	32.61	6.96	7.95	14.8	1.170	83.4	3.1	0.7
77	5/7/2015 07:31:11	14.46	49.96	32.72	6.91	7.95	10.1	1.117	82.9	3.4	0.8
78	5/7/2015 07:46:11	14.43	49.93	32.70	7.07	7.95	12.5	1.139	84.7	3.0	0.7
79	5/7/2015 08:01:11	14.48	49.96	32.72	7.02	7.95	12.9	1.170	84.2	3.0	0.7
80	5/7/2015 08:16:11	14.42	49.89	32.66	6.99	7.95	12.4	1.203	83.7	2.8	0.7
81	5/7/2015 08:31:11	14.50	49.93	32.70	6.91	7.94	13.4	1.273	82.9	3.2	0.8
82	5/7/2015 08:46:11	14.50	49.98	32.73	6.95	7.95	13.3	1.354	83.4	3.0	0.7
83	5/7/2015 09:01:11	14.48	50.02	32.76	6.95	7.94	14.2	1.409	83.4	3.2	0.7
84	5/7/2015 09:16:11	14.48	49.91	32.68	6.94	7.94	14.1	1.489	83.2	2.9	0.7
85	5/7/2015 09:31:11	14.55	49.89	32.67	6.93	7.94	12.3	1.553	83.2	3.0	0.7
86	5/7/2015 09:46:11	14.55	49.86	32.65	6.94	7.94	13.4	1.641	83.3	3.3	0.8
87	5/7/2015 10:01:11	14.55	49.88	32.66	6.95	7.94	14.4	1.710	83.4	2.6	0.6
88	5/7/2015 10:16:12	14.54	49.91	32.69	6.99	7.94	13.1	1.792	83.9	2.8	0.7
89	5/7/2015 10:31:12	14.55	49.92	32.69	6.98	7.94	12.1	1.883	83.8	2.8	0.7
90	5/7/2015 10:46:11	14.54	49.87	32.66	6.98	7.94	13.9	1.981	83.8	3.0	0.7
91	5/7/2015 11:01:11	14.31	49.91	32.68	7.22	7.95	11.9	2.074	86.3	3.1	0.7
92	5/7/2015 11:16:11	14.25	49.94	32.69	7.33	7.95	11.2	2.169	87.5	3.1	0.7
93	5/7/2015 11:31:11	14.12	49.96	32.71	7.44	7.95	10.1	2.269	88.6	2.6	0.6
94	5/7/2015 11:46:10	14.04	50.09	32.80	7.46	7.95	9.8	2.359	88.7	3.3	0.8
95	5/7/2015 12:01:11	13.98	50.16	32.85	7.49	7.95	9.8	2.441	89.0	3.4	0.8
96	5/7/2015 12:16:11	13.97	50.16	32.85	7.53	7.95	10.3	2.529	89.5	3.1	0.7
97	5/7/2015 12:31:11	13.88	50.24	32.91	7.56	7.95	10.9	2.625	89.6	3.6	0.8
98	5/7/2015 12:46:12	13.77	50.24	32.90	7.59	7.95	11.5	2.709	89.8	3.0	0.7
99	5/7/2015 13:01:11	13.71	50.22	32.88	7.57	7.94	11.0	2.785	89.5	3.3	0.8
100	5/7/2015 13:16:11	13.58	50.19	32.86	7.63	7.94	12.0	2.862	89.9	3.6	0.9
101	5/7/2015 13:31:11	13.37	50.23	32.88	7.66	7.94	11.2	2.928	90.0	3.5	0.8
102	5/7/2015 13:46:11	13.15	50.26	32.90	7.71	7.93	11.0	2.977	90.1	3.5	0.8
103	5/7/2015 14:01:12	12.89	50.55	33.10	7.71	7.93	8.9	3.032	89.7	3.8	0.9
104	5/7/2015 14:16:11	12.68	50.36	32.95	7.77	7.92	6.5	3.081	89.9	3.6	0.8
105	5/7/2015 14:31:11	12.53	50.63	33.14	7.73	7.92	5.7	3.103	89.4	3.4	0.8
106	5/7/2015 14:46:11	12.49	50.60	33.12	7.61	7.91	5.1	3.128	87.8	3.0	0.7
107	5/7/2015 15:01:11	12.56	50.60	33.12	7.67	7.91	7.0	3.125	88.7	3.8	0.9
108	5/7/2015 15:16:11	12.93	50.60	33.14	8.18	7.96	20.9	3.118	95.3	4.5	1.1
109	5/7/2015 15:31:11	12.50	50.74	33.22	8.21	7.95	20.8	3.087	94.9	5.1	1.2
110	5/7/2015 15:46:11	12.34	50.85	33.29	8.22	7.95	20.2	3.027	94.7	5.4	1.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
111	5/7/2015 16:01:11	12.29	50.81	33.26	8.20	7.95	20.2	2.983	94.3	6.4	1.5
112	5/7/2015 16:16:11	12.73	50.52	33.07	8.13	7.95	19.9	2.942	94.3	4.8	1.1
113	5/7/2015 16:31:11	12.44	50.78	33.24	8.19	7.95	15.7	2.857	94.6	4.7	1.1
114	5/7/2015 16:46:11	12.77	50.79	33.27	8.14	7.95	23.1	2.790	94.6	5.1	1.2
115	5/7/2015 17:01:11	13.86	50.41	33.03	7.84	7.96	47.2	2.724	93.0	6.0	1.4
116	5/7/2015 17:16:11	14.24	50.17	32.87	7.64	7.96	53.4	2.662	91.3	6.3	1.5
117	5/7/2015 17:31:11	14.28	50.26	32.93	7.62	7.95	54.0	2.593	91.1	5.6	1.3
118	5/7/2015 17:46:11	14.44	50.10	32.82	7.58	7.95	55.9	2.518	90.9	6.0	1.4
119	5/7/2015 18:01:11	14.48	50.11	32.83	7.58	7.96	49.2	2.468	91.0	5.7	1.3
120	5/7/2015 18:16:10	14.66	49.97	32.73	7.55	7.96	44.6	2.399	91.0	5.2	1.2
121	5/7/2015 18:31:11	14.51	50.09	32.81	7.69	7.97	32.6	2.342	92.3	4.3	1.0
122	5/7/2015 18:46:11	14.77	49.91	32.69	7.49	7.96	38.3	2.297	90.4	4.6	1.1
123	5/7/2015 19:01:11	14.63	50.03	32.78	7.54	7.96	26.3	2.255	90.8	4.4	1.0
124	5/7/2015 19:16:11	14.84	50.14	32.86	7.39	7.95	34.2	2.227	89.3	4.6	1.1
125	5/7/2015 19:31:11	14.93	50.05	32.80	7.23	7.95	30.0	2.210	87.5	4.3	1.0
126	5/7/2015 19:46:12	14.90	50.00	32.76	6.75	7.93	22.8	2.205	81.6	4.2	1.0
127	5/7/2015 20:01:11	14.83	50.12	32.85	7.30	7.95	24.1	2.217	88.2	4.8	1.1
128	5/7/2015 20:16:11	14.83	50.11	32.84	7.39	7.95	26.3	2.244	89.3	4.2	1.0
129	5/7/2015 20:31:11	14.91	50.02	32.78	7.38	7.95	25.4	2.274	89.3	4.2	1.0
130	5/7/2015 20:46:11	14.96	50.04	32.79	7.38	7.95	28.2	2.320	89.4	4.7	1.1
131	5/7/2015 21:01:11	15.01	50.00	32.76	7.39	7.95	29.0	2.368	89.6	4.1	1.0
132	5/7/2015 21:16:10	15.45	49.61	32.48	7.48	7.97	30.1	2.437	91.4	4.9	1.2
133	5/7/2015 21:31:10	15.21	49.89	32.69	7.44	7.95	27.8	2.509	90.5	4.7	1.1
134	5/7/2015 21:46:12	15.05	50.05	32.80	7.39	7.95	30.0	2.571	89.7	4.7	1.1
135	5/7/2015 22:01:12	14.68	50.12	32.84	7.43	7.94	33.0	2.626	89.5	4.8	1.1
136	5/7/2015 22:16:11	14.51	50.00	32.75	7.48	7.94	19.6	2.708	89.8	4.4	1.0
137	5/7/2015 22:31:11	13.61	50.28	32.93	7.70	7.93	24.5	2.767	90.9	4.7	1.1
138	5/7/2015 22:46:11	13.16	50.60	33.14	7.79	7.93	28.0	2.839	91.2	5.1	1.2
139	5/7/2015 23:01:11	13.02	50.58	33.13	7.80	7.93	21.0	2.908	91.0	4.8	1.1
140	5/7/2015 23:16:11	12.46	50.72	33.20	7.86	7.92	31.9	2.984	90.7	5.0	1.2
141	5/7/2015 23:31:11	12.18	50.76	33.22	7.85	7.91	28.6	3.058	90.1	5.5	1.3
142	5/7/2015 23:46:11	12.20	50.72	33.19	7.87	7.91	26.0	3.138	90.3	4.9	1.2
143	5/8/2015 00:01:11	11.93	50.80	33.24	7.90	7.91	23.9	3.221	90.3	5.6	1.3
144	5/8/2015 00:16:11	11.64	50.88	33.28	7.92	7.90	19.7	3.284	90.0	4.9	1.1
145	5/8/2015 00:31:11	11.50	50.94	33.31	7.93	7.90	14.1	3.356	89.8	4.8	1.1
146	5/8/2015 00:46:11	11.35	51.03	33.37	7.94	7.89	13.0	3.411	89.6	4.8	1.1
147	5/8/2015 01:01:11	11.20	51.01	33.35	7.90	7.89	9.0	3.466	88.9	4.4	1.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
148	5/8/2015 01:16:11	11.13	50.94	33.30	7.86	7.89	6.4	3.500	88.3	4.7	1.1
149	5/8/2015 01:31:11	11.08	51.07	33.38	7.80	7.88	6.2	3.534	87.5	4.4	1.0
150	5/8/2015 01:46:11	11.04	51.12	33.42	7.75	7.88	5.1	3.572	86.9	4.2	1.0
151	5/8/2015 02:01:11	11.62	50.98	33.35	7.63	7.89	8.3	3.559	86.6	3.7	0.9
152	5/8/2015 02:16:11	11.21	51.04	33.37	7.69	7.88	7.7	3.537	86.5	3.5	0.8
153	5/8/2015 02:31:11	11.15	50.99	33.33	7.74	7.88	7.5	3.515	87.0	3.8	0.9
154	5/8/2015 02:46:11	12.17	50.81	33.25	7.65	7.91	10.3	3.450	87.8	3.5	0.8
155	5/8/2015 03:01:11	12.06	50.63	33.12	7.68	7.91	10.7	3.371	87.8	4.0	0.9
156	5/8/2015 03:16:11	12.01	50.73	33.18	7.69	7.90	9.4	3.288	87.9	3.3	0.8
157	5/8/2015 03:31:12	11.86	50.80	33.23	7.70	7.90	8.5	3.199	87.8	3.0	0.7
158	5/8/2015 03:46:11	12.48	50.73	33.21	7.51	7.91	12.1	3.109	86.8	3.1	0.7
159	5/8/2015 04:01:12	12.61	50.65	33.16	7.49	7.91	11.4	3.013	86.7	3.6	0.8
160	5/8/2015 04:16:11	12.76	50.58	33.11	7.44	7.91	15.3	2.900	86.3	3.5	0.8
161	5/8/2015 04:31:11	12.81	50.61	33.14	7.38	7.91	14.8	2.801	85.8	3.8	0.9
162	5/8/2015 04:46:11	13.24	50.39	33.00	7.19	7.91	17.0	2.705	84.2	3.4	0.8
163	5/8/2015 05:01:11	13.02	50.49	33.06	7.24	7.91	13.3	2.590	84.5	3.2	0.8
164	5/8/2015 05:16:11	12.84	50.69	33.19	7.40	7.91	12.4	2.469	86.1	3.3	0.8
165	5/8/2015 05:31:11	12.95	50.57	33.12	7.38	7.91	15.1	2.351	86.0	3.5	0.8
166	5/8/2015 05:46:11	13.25	50.37	32.98	7.30	7.92	19.8	2.223	85.6	3.6	0.8
167	5/8/2015 06:01:10	12.95	50.49	33.05	7.34	7.91	19.2	2.104	85.5	3.5	0.8
168	5/8/2015 06:16:11	13.32	50.54	33.11	7.29	7.92	23.6	1.963	85.6	3.5	0.8
169	5/8/2015 06:31:11	13.40	50.49	33.07	7.29	7.92	22.0	1.852	85.7	3.8	0.9
170	5/8/2015 06:46:11	13.39	50.40	33.01	7.28	7.92	21.2	1.715	85.5	3.2	0.7
171	5/8/2015 07:01:12	13.59	50.45	33.05	7.24	7.93	20.6	1.593	85.5	3.6	0.8
172	5/8/2015 07:16:12	13.80	50.43	33.04	7.13	7.93	23.6	1.489	84.6	2.9	0.7
173	5/8/2015 07:31:11	13.90	50.41	33.03	7.11	7.93	21.3	1.374	84.4	3.8	0.9
174	5/8/2015 07:46:11	13.93	50.28	32.94	7.14	7.93	17.3	1.283	84.8	2.8	0.6
175	5/8/2015 08:01:11	13.96	50.36	33.00	7.15	7.93	16.2	1.224	85.0	3.4	0.8
176	5/8/2015 08:16:11	14.05	50.34	32.99	7.05	7.93	13.1	1.194	84.0	3.3	0.8
177	5/8/2015 08:31:11	14.04	50.39	33.02	7.25	7.94	14.8	1.185	86.4	3.1	0.7
178	5/8/2015 08:46:11	14.12	50.34	32.99	7.12	7.93	14.5	1.194	84.9	3.2	0.8
179	5/8/2015 09:01:11	14.17	50.23	32.90	7.09	7.93	15.4	1.264	84.6	3.2	0.8
180	5/8/2015 09:16:11	14.32	50.27	32.94	7.03	7.93	14.1	1.323	84.2	3.7	0.9
181	5/8/2015 09:31:11	14.31	50.33	32.99	6.95	7.93	15.2	1.378	83.2	3.1	0.7
182	5/8/2015 09:46:11	14.49	50.16	32.87	6.96	7.93	14.5	1.464	83.6	3.4	0.8
183	5/8/2015 10:01:11	14.47	50.10	32.82	6.94	7.93	15.1	1.538	83.3	2.8	0.7
184	5/8/2015 10:16:12	14.30	50.02	32.76	6.91	7.93	14.6	1.610	82.5	3.2	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
185	5/8/2015 10:31:11	14.24	50.11	32.82	6.91	7.93	14.8	1.686	82.5	3.7	0.9
186	5/8/2015 10:46:11	14.26	50.17	32.87	6.99	7.92	12.7	1.756	83.5	3.3	0.8
187	5/8/2015 11:01:11	14.15	50.11	32.82	7.00	7.92	12.8	1.846	83.4	2.8	0.6
188	5/8/2015 11:16:11	14.10	50.10	32.81	6.97	7.92	13.9	1.926	83.0	3.4	0.8
189	5/8/2015 11:31:11	13.97	50.21	32.89	7.04	7.92	16.1	2.011	83.6	3.7	0.9
190	5/8/2015 11:46:12	13.75	50.40	33.02	7.24	7.92	15.4	2.106	85.7	3.2	0.8
191	5/8/2015 12:01:11	13.66	50.51	33.10	7.35	7.92	14.3	2.198	86.9	4.0	0.9
192	5/8/2015 12:16:12	13.59	50.38	33.00	7.37	7.92	12.4	2.293	87.0	3.7	0.9
193	5/8/2015 12:31:11	13.70	50.56	33.13	7.39	7.93	11.4	2.385	87.5	3.7	0.9
194	5/8/2015 12:46:11	13.74	50.46	33.06	7.45	7.93	13.9	2.481	88.2	3.5	0.8
195	5/8/2015 13:01:11	13.76	50.50	33.09	7.54	7.93	13.7	2.570	89.3	3.9	0.9
196	5/8/2015 13:16:11	13.50	50.51	33.09	7.49	7.92	19.5	2.645	88.3	3.5	0.8
197	5/8/2015 13:31:11	13.41	50.53	33.10	7.51	7.92	20.3	2.724	88.3	3.9	0.9
198	5/8/2015 13:46:11	13.33	50.37	32.98	7.63	7.92	18.0	2.795	89.5	4.0	0.9
199	5/8/2015 14:01:11	13.20	50.55	33.11	7.69	7.91	20.3	2.874	90.1	4.8	1.1
200	5/8/2015 14:16:11	12.89	50.56	33.11	7.79	7.91	18.9	2.942	90.6	4.6	1.1
201	5/8/2015 14:31:11	12.55	50.62	33.13	7.75	7.90	15.6	2.999	89.6	4.1	1.0
202	5/8/2015 14:46:11	12.22	50.90	33.32	7.81	7.89	15.2	3.063	89.7	4.8	1.1
203	5/8/2015 15:01:11	12.10	50.74	33.20	7.84	7.89	11.4	3.112	89.8	4.2	1.0
204	5/8/2015 15:16:12	11.94	51.00	33.38	7.81	7.89	8.2	3.153	89.3	3.8	0.9
205	5/8/2015 15:31:11	11.89	51.02	33.39	7.77	7.89	6.5	3.178	88.8	3.7	0.9
206	5/8/2015 15:46:11	12.25	50.87	33.30	7.75	7.89	6.9	3.198	89.2	4.0	0.9
207	5/8/2015 16:01:11	12.03	50.82	33.25	7.74	7.89	7.3	3.190	88.5	2.9	0.7
208	5/8/2015 16:16:11	12.00	50.87	33.29	7.77	7.88	7.1	3.155	88.9	3.5	0.8
209	5/8/2015 16:31:11	12.09	51.00	33.39	7.79	7.89	9.5	3.118	89.4	4.1	1.0
210	5/8/2015 16:46:11	12.95	50.76	33.25	7.79	7.91	10.5	3.064	90.8	3.7	0.9
211	5/8/2015 17:01:11	13.47	50.70	33.23	8.07	7.95	9.2	3.001	95.1	3.3	0.8
212	5/8/2015 17:16:11	13.48	50.50	33.08	8.13	7.95	9.7	2.926	95.8	4.2	1.0
213	5/8/2015 17:31:11	13.29	50.74	33.25	8.07	7.94	7.2	2.849	94.7	3.0	0.7
214	5/8/2015 17:46:11	13.98	50.60	33.17	8.02	7.96	11.9	2.790	95.5	3.5	0.8
215	5/8/2015 18:01:11	14.12	50.35	32.99	8.01	7.97	11.1	2.719	95.5	3.3	0.8
216	5/8/2015 18:16:11	14.21	50.38	33.02	8.01	7.97	14.5	2.651	95.7	3.5	0.8
217	5/8/2015 18:31:11	14.38	50.56	33.15	8.04	7.98	13.4	2.588	96.5	4.0	0.9
218	5/8/2015 18:46:11	14.48	50.37	33.02	8.03	7.98	13.0	2.531	96.5	3.1	0.7
219	5/8/2015 19:01:11	14.05	50.62	33.19	8.29	7.99	7.5	2.483	98.9	3.7	0.9
220	5/8/2015 19:16:11	14.27	50.49	33.10	8.25	7.99	8.3	2.425	98.8	3.2	0.7
221	5/8/2015 19:31:11	14.64	50.39	33.04	8.04	7.99	7.8	2.382	96.9	3.0	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
222	5/8/2015 19:46:12	15.01	50.45	33.09	7.87	7.98	8.3	2.346	95.6	3.2	0.8
223	5/8/2015 20:01:11	15.00	50.41	33.06	7.85	7.98	8.4	2.332	95.3	3.4	0.8
224	5/8/2015 20:16:11	15.14	50.25	32.95	7.80	7.98	7.5	2.303	95.0	3.2	0.7
225	5/8/2015 20:31:11	15.18	50.43	33.08	7.58	7.97	7.2	2.294	92.4	6.1	1.4
226	5/8/2015 20:46:11	14.90	50.48	33.11	7.80	7.97	7.8	2.301	94.6	3.0	0.7
227	5/8/2015 21:01:11	14.81	50.34	33.01	7.87	7.97	7.6	2.323	95.2	3.1	0.7
228	5/8/2015 21:16:11	14.88	50.42	33.06	7.90	7.97	8.0	2.343	95.7	3.4	0.8
229	5/8/2015 21:31:11	14.85	50.35	33.01	7.93	7.97	7.9	2.376	95.9	3.2	0.7
230	5/8/2015 21:46:11	14.84	50.42	33.06	7.92	7.97	8.7	2.432	95.9	2.9	0.7
231	5/8/2015 22:01:11	14.79	50.31	32.98	7.87	7.97	7.9	2.490	95.2	3.2	0.8
232	5/8/2015 22:16:11	14.89	50.47	33.11	7.81	7.96	8.4	2.548	94.7	2.7	0.6
233	5/8/2015 22:31:11	14.55	50.46	33.08	7.91	7.96	9.7	2.600	95.2	3.3	0.8
234	5/8/2015 22:46:12	14.41	50.52	33.12	7.91	7.96	9.5	2.669	95.0	3.4	0.8
235	5/8/2015 23:01:11	14.11	50.58	33.16	7.90	7.95	9.0	2.739	94.3	3.2	0.8
236	5/8/2015 23:16:11	13.72	50.64	33.19	7.87	7.93	8.5	2.793	93.3	3.6	0.8
237	5/8/2015 23:31:11	13.39	50.64	33.18	7.83	7.92	8.4	2.859	92.2	3.9	0.9
238	5/8/2015 23:46:11	13.15	50.61	33.15	7.80	7.91	7.9	2.928	91.3	4.1	1.0
239	5/9/2015 00:01:11	12.99	50.85	33.32	7.78	7.91	7.5	2.991	90.8	3.8	0.9
240	5/9/2015 00:16:11	12.79	50.90	33.35	7.77	7.90	7.1	3.056	90.3	3.5	0.8
241	5/9/2015 00:31:12	12.62	50.82	33.28	7.76	7.90	7.7	3.120	89.9	3.3	0.8
242	5/9/2015 00:46:11	12.24	50.96	33.37	7.76	7.89	7.9	3.189	89.2	3.9	0.9
243	5/9/2015 01:01:11	12.02	51.03	33.41	7.78	7.89	8.6	3.247	89.1	4.3	1.0
244	5/9/2015 01:16:11	11.71	51.12	33.46	7.76	7.88	9.2	3.304	88.4	4.4	1.0
245	5/9/2015 01:31:11	11.51	51.08	33.42	7.73	7.87	7.8	3.362	87.6	4.2	1.0
246	5/9/2015 01:46:11	11.39	51.14	33.45	7.71	7.87	7.1	3.412	87.1	4.0	0.9
247	5/9/2015 02:01:11	11.29	51.15	33.46	7.69	7.86	5.4	3.452	86.8	3.6	0.9
248	5/9/2015 02:16:11	11.21	51.13	33.43	7.66	7.86	5.1	3.479	86.3	3.3	0.8
249	5/9/2015 02:31:12	11.17	51.18	33.47	7.63	7.86	4.3	3.513	85.9	3.5	0.8
250	5/9/2015 02:46:11	11.12	51.20	33.48	7.42	7.84	3.6	3.517	83.4	2.5	0.6
251	5/9/2015 03:01:11	11.15	51.20	33.49	7.50	7.85	4.5	3.499	84.3	2.9	0.7
252	5/9/2015 03:16:11	11.11	51.18	33.47	7.58	7.85	5.0	3.479	85.2	3.9	0.9
253	5/9/2015 03:31:12	11.20	51.12	33.43	7.57	7.85	5.5	3.429	85.2	2.9	0.7
254	5/9/2015 03:46:11	12.08	50.97	33.36	7.46	7.87	7.4	3.364	85.5	3.1	0.7
255	5/9/2015 04:01:11	12.37	50.84	33.28	7.54	7.89	10.0	3.284	86.9	3.7	0.9
256	5/9/2015 04:16:12	12.04	51.04	33.42	7.64	7.88	6.4	3.206	87.5	3.0	0.7
257	5/9/2015 04:31:11	12.97	50.74	33.24	7.47	7.90	7.6	3.117	87.1	3.3	0.8
258	5/9/2015 04:46:11	13.01	50.84	33.31	7.49	7.90	8.7	3.017	87.5	3.1	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
259	5/9/2015 05:01:11	13.26	50.50	33.08	7.40	7.90	9.4	2.920	86.8	2.6	0.6
260	5/9/2015 05:16:11	13.43	50.80	33.30	7.36	7.90	10.2	2.814	86.7	2.9	0.7
261	5/9/2015 05:31:11	13.70	50.66	33.21	7.24	7.90	11.1	2.722	85.8	2.8	0.7
262	5/9/2015 05:46:12	13.84	50.62	33.18	7.11	7.89	9.8	2.609	84.5	2.3	0.5
263	5/9/2015 06:01:11	13.43	50.73	33.25	7.23	7.89	8.8	2.499	85.2	2.8	0.6
264	5/9/2015 06:16:11	13.39	50.80	33.30	7.34	7.89	8.9	2.384	86.4	2.5	0.6
265	5/9/2015 06:31:11	13.50	50.65	33.19	7.37	7.90	9.5	2.262	86.9	2.8	0.7
266	5/9/2015 06:46:11	13.88	50.61	33.18	7.36	7.91	11.5	2.149	87.5	3.2	0.8
267	5/9/2015 07:01:12	14.13	50.56	33.15	7.34	7.92	12.2	2.023	87.6	2.9	0.7
268	5/9/2015 07:16:11	14.32	50.52	33.13	7.30	7.92	12.5	1.896	87.6	3.0	0.7
269	5/9/2015 07:31:11	14.59	50.55	33.15	7.28	7.93	11.7	1.776	87.8	2.9	0.7
270	5/9/2015 07:46:11	14.89	50.39	33.04	7.22	7.94	10.5	1.663	87.5	2.4	0.6
271	5/9/2015 08:01:11	15.07	50.41	33.07	7.18	7.94	10.4	1.551	87.4	2.6	0.6
272	5/9/2015 08:16:11	15.22	50.33	33.01	7.19	7.95	10.9	1.458	87.6	2.5	0.6
273	5/9/2015 08:31:11	15.41	50.22	32.93	7.14	7.95	10.3	1.380	87.4	2.8	0.7
274	5/9/2015 08:46:11	15.46	50.27	32.97	7.12	7.95	9.9	1.334	87.2	2.7	0.6
275	5/9/2015 09:01:11	15.54	50.28	32.98	7.06	7.95	8.6	1.296	86.7	2.9	0.7
276	5/9/2015 09:16:10	15.55	50.19	32.91	7.11	7.96	8.1	1.286	87.2	3.2	0.7
277	5/9/2015 09:31:11	15.38	50.35	33.03	7.23	7.95	9.1	1.318	88.4	3.0	0.7
278	5/9/2015 09:46:11	15.29	50.26	32.96	7.21	7.95	8.5	1.357	88.0	3.1	0.7
279	5/9/2015 10:01:11	15.29	50.40	33.06	7.17	7.94	9.3	1.409	87.6	3.0	0.7
280	5/9/2015 10:16:11	15.30	50.39	33.06	7.19	7.94	8.7	1.456	87.9	2.9	0.7
281	5/9/2015 10:31:11	15.30	50.39	33.05	7.21	7.94	8.7	1.533	88.0	3.3	0.8
282	5/9/2015 10:46:11	15.29	50.22	32.93	7.16	7.94	8.5	1.596	87.4	3.5	0.8
283	5/9/2015 11:01:11	15.33	50.27	32.96	7.07	7.93	8.6	1.643	86.4	2.9	0.7
284	5/9/2015 11:16:11	15.18	50.36	33.03	7.12	7.93	7.3	1.715	86.8	2.8	0.7
285	5/9/2015 11:31:11	15.16	50.35	33.02	7.09	7.93	7.9	1.777	86.4	2.6	0.6
286	5/9/2015 11:46:11	15.12	50.35	33.02	7.14	7.92	7.8	1.851	86.9	3.2	0.8
287	5/9/2015 12:01:11	14.96	50.43	33.08	7.15	7.92	9.9	1.935	86.8	2.5	0.6
288	5/9/2015 12:16:12	14.89	50.41	33.06	7.13	7.92	7.2	2.012	86.4	2.6	0.6
289	5/9/2015 12:31:12	14.64	50.46	33.09	7.19	7.91	7.8	2.099	86.7	2.6	0.6
290	5/9/2015 12:46:11	14.47	50.49	33.11	7.30	7.91	7.7	2.195	87.7	3.1	0.7
291	5/9/2015 13:01:11	14.39	50.63	33.21	7.43	7.92	7.9	2.283	89.2	3.1	0.7
292	5/9/2015 13:16:11	14.32	50.51	33.12	7.48	7.92	7.0	2.373	89.6	3.2	0.7
293	5/9/2015 13:31:11	14.25	50.48	33.09	7.50	7.92	7.5	2.464	89.8	2.7	0.6
294	5/9/2015 13:46:11	14.20	50.57	33.16	7.54	7.92	7.7	2.552	90.2	3.7	0.9
295	5/9/2015 14:01:12	14.10	50.51	33.11	7.59	7.92	8.7	2.628	90.5	3.0	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
296	5/9/2015 14:16:11	14.08	50.60	33.17	7.65	7.92	8.6	2.712	91.2	3.5	0.8
297	5/9/2015 14:31:11	13.86	50.66	33.21	7.62	7.91	9.5	2.784	90.5	3.3	0.8
298	5/9/2015 14:46:12	13.59	50.68	33.21	7.64	7.90	11.3	2.867	90.3	3.8	0.9
299	5/9/2015 15:01:11	13.41	50.75	33.26	7.70	7.90	10.5	2.925	90.7	3.9	0.9
300	5/9/2015 15:16:12	13.24	50.78	33.28	7.70	7.90	9.2	2.990	90.3	3.6	0.9
301	5/9/2015 15:31:12	12.84	50.75	33.24	7.64	7.89	10.3	3.052	88.9	3.5	0.8
302	5/9/2015 15:46:11	12.33	50.97	33.38	7.54	7.87	10.3	3.108	86.9	3.8	0.9
303	5/9/2015 16:01:11	12.00	51.11	33.47	7.46	7.87	8.6	3.154	85.5	3.9	0.9
304	5/9/2015 16:16:11	11.85	50.95	33.34	7.42	7.86	6.0	3.194	84.6	3.7	0.9
305	5/9/2015 16:31:11	11.82	50.94	33.33	7.40	7.86	4.7	3.225	84.3	3.4	0.8
306	5/9/2015 16:46:12	11.81	51.04	33.40	7.29	7.86	3.3	3.226	83.1	5.2	1.2
307	5/9/2015 17:01:11	11.88	51.05	33.41	7.29	7.86	4.7	3.217	83.2	3.3	0.8
308	5/9/2015 17:16:11	11.87	51.15	33.49	7.34	7.86	5.7	3.188	83.9	3.3	0.8
309	5/9/2015 17:31:11	12.04	51.03	33.41	7.39	7.87	5.9	3.150	84.6	3.8	0.9
310	5/9/2015 17:46:12	13.05	50.78	33.27	7.61	7.90	8.9	3.088	89.0	3.3	0.8
311	5/9/2015 18:01:11	13.18	50.69	33.21	7.80	7.92	7.0	3.028	91.4	2.6	0.6
312	5/9/2015 18:16:12	13.11	50.87	33.34	7.66	7.91	6.9	2.962	89.7	3.2	0.7
313	5/9/2015 18:31:12	13.41	50.77	33.28	7.61	7.91	6.8	2.891	89.6	3.1	0.7
314	5/9/2015 18:46:11	13.92	50.68	33.23	7.75	7.94	7.5	2.827	92.2	2.9	0.7
315	5/9/2015 19:01:12	14.18	50.55	33.14	7.87	7.95	8.6	2.764	94.1	3.4	0.8
316	5/9/2015 19:16:11	14.28	50.50	33.11	7.91	7.96	8.9	2.704	94.7	3.3	0.8
317	5/9/2015 19:31:11	14.40	50.55	33.15	7.88	7.96	9.0	2.648	94.6	3.0	0.7
318	5/9/2015 19:46:11	13.95	50.61	33.18	7.63	7.93	7.3	2.593	90.8	3.3	0.8
319	5/9/2015 20:01:11	13.79	50.71	33.25	7.55	7.93	6.5	2.545	89.6	3.4	0.8
320	5/9/2015 20:16:11	14.00	50.85	33.36	7.64	7.94	7.0	2.498	91.1	3.1	0.7
321	5/9/2015 20:31:11	14.38	50.61	33.19	7.69	7.95	6.8	2.454	92.3	3.7	0.9
322	5/9/2015 20:46:11	14.79	50.57	33.18	7.67	7.96	7.3	2.430	92.8	3.5	0.8
323	5/9/2015 21:01:11	14.80	50.46	33.10	7.62	7.96	7.0	2.397	92.2	3.5	0.8
324	5/9/2015 21:16:11	15.05	50.47	33.10	7.63	7.96	5.9	2.380	92.8	5.6	1.3
325	5/9/2015 21:31:11	15.19	50.36	33.03	7.43	7.96	6.1	2.374	90.5	2.8	0.7
326	5/9/2015 21:46:11	14.97	50.51	33.13	7.67	7.96	6.2	2.381	93.2	2.9	0.7
327	5/9/2015 22:01:12	14.94	50.46	33.10	7.73	7.96	6.1	2.387	93.8	3.2	0.8
328	5/9/2015 22:16:12	14.94	50.58	33.19	7.70	7.96	6.5	2.412	93.5	2.9	0.7
329	5/9/2015 22:31:11	14.93	50.54	33.15	7.75	7.96	6.6	2.446	94.0	3.5	0.8
330	5/9/2015 22:46:12	14.91	50.49	33.12	7.75	7.96	6.7	2.484	94.0	2.9	0.7
331	5/9/2015 23:01:11	14.77	50.53	33.14	7.77	7.96	6.1	2.524	94.0	3.0	0.7
332	5/9/2015 23:16:11	14.72	50.46	33.09	7.71	7.95	6.4	2.570	93.1	2.9	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
333	5/9/2015 23:31:12	14.71	50.56	33.17	7.65	7.94	6.4	2.620	92.5	3.0	0.7
334	5/9/2015 23:46:11	14.48	50.48	33.10	7.71	7.94	6.8	2.677	92.7	3.4	0.8
335	5/10/2015 00:01:11	14.26	50.57	33.16	7.73	7.93	5.8	2.736	92.6	3.8	0.9
336	5/10/2015 00:16:11	13.87	50.73	33.26	7.67	7.92	6.1	2.780	91.2	3.4	0.8
337	5/10/2015 00:31:11	13.48	50.78	33.29	7.61	7.91	5.4	2.845	89.7	3.2	0.7
338	5/10/2015 00:46:11	13.19	50.76	33.26	7.55	7.90	5.7	2.900	88.5	3.0	0.7
339	5/10/2015 01:01:11	13.11	50.74	33.24	7.50	7.89	6.0	2.956	87.8	3.5	0.8
340	5/10/2015 01:16:12	12.84	50.98	33.41	7.42	7.89	6.7	3.018	86.4	3.0	0.7
341	5/10/2015 01:31:12	12.63	50.92	33.36	7.37	7.88	5.3	3.075	85.5	3.6	0.9
342	5/10/2015 01:46:11	12.46	50.85	33.30	7.32	7.87	4.9	3.136	84.5	2.8	0.7
343	5/10/2015 02:01:12	12.23	51.08	33.45	7.24	7.87	5.7	3.192	83.3	3.5	0.8
344	5/10/2015 02:16:11	12.03	50.99	33.38	7.19	7.86	5.2	3.248	82.3	3.1	0.7
345	5/10/2015 02:31:11	11.75	51.15	33.48	7.08	7.85	5.4	3.289	80.6	3.0	0.7
346	5/10/2015 02:46:11	11.53	51.15	33.47	7.00	7.85	5.0	3.337	79.3	3.2	0.8
347	5/10/2015 03:01:11	11.36	51.28	33.56	6.93	7.84	4.3	3.375	78.3	2.9	0.7
348	5/10/2015 03:16:12	11.17	51.28	33.54	6.81	7.83	3.7	3.393	76.6	3.4	0.8
349	5/10/2015 03:31:12	11.11	51.22	33.50	6.71	7.83	4.2	3.417	75.4	3.4	0.8
350	5/10/2015 03:46:11	11.09	51.31	33.56	6.61	7.82	3.2	3.420	74.3	2.2	0.5
351	5/10/2015 04:01:11	11.15	51.20	33.48	6.68	7.82	3.2	3.405	75.2	2.5	0.6
352	5/10/2015 04:16:11	11.15	51.28	33.54	6.73	7.83	3.7	3.374	75.8	2.7	0.6
353	5/10/2015 04:31:12	11.33	51.22	33.51	6.79	7.83	4.8	3.327	76.7	2.9	0.7
354	5/10/2015 04:46:11	11.89	51.07	33.43	6.94	7.85	5.5	3.275	79.2	2.5	0.6
355	5/10/2015 05:01:11	12.28	51.03	33.42	7.11	7.86	6.2	3.204	81.9	2.7	0.6
356	5/10/2015 05:16:11	12.32	51.03	33.42	7.14	7.86	6.2	3.118	82.2	2.6	0.6
357	5/10/2015 05:31:11	13.28	50.80	33.30	7.18	7.89	8.1	3.043	84.4	2.6	0.6
358	5/10/2015 05:46:12	13.17	50.79	33.28	7.15	7.88	6.4	2.958	83.8	2.8	0.7
359	5/10/2015 06:01:11	13.55	50.57	33.14	7.14	7.89	7.3	2.860	84.3	2.3	0.5
360	5/10/2015 06:16:12	13.64	50.76	33.28	7.05	7.88	7.0	2.770	83.4	2.2	0.5
361	5/10/2015 06:31:11	13.79	50.73	33.26	7.01	7.88	6.7	2.676	83.2	2.4	0.6
362	5/10/2015 06:46:11	14.10	50.68	33.23	7.01	7.89	8.0	2.573	83.7	2.7	0.6
363	5/10/2015 07:01:11	13.86	50.70	33.24	7.29	7.90	8.7	2.461	86.7	3.1	0.7
364	5/10/2015 07:16:12	14.11	50.69	33.24	7.42	7.91	8.0	2.355	88.6	2.9	0.7
365	5/10/2015 07:31:11	14.09	50.71	33.26	7.46	7.92	9.6	2.243	89.1	11.7	2.8
366	5/10/2015 07:46:12	14.24	50.77	33.30	7.55	7.93	9.5	2.135	90.4	2.8	0.7
367	5/10/2015 08:01:12	14.42	50.54	33.14	7.54	7.94	9.5	2.019	90.6	2.5	0.6
368	5/10/2015 08:16:11	14.52	50.60	33.19	7.59	7.94	9.2	1.908	91.4	2.8	0.7
369	5/10/2015 08:31:11	14.82	50.65	33.24	7.46	7.94	9.2	1.807	90.4	2.9	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
370	5/10/2015 08:46:11	14.97	50.60	33.20	7.59	7.95	8.4	1.702	92.2	2.8	0.7
371	5/10/2015 09:01:12	15.05	50.58	33.19	7.49	7.95	7.3	1.607	91.2	2.7	0.6
372	5/10/2015 09:16:11	15.51	50.57	33.19	7.51	7.97	8.3	1.530	92.2	3.1	0.7
373	5/10/2015 09:31:11	15.62	50.58	33.20	7.41	7.97	7.7	1.473	91.2	3.0	0.7
374	5/10/2015 09:46:11	15.72	50.46	33.11	7.43	7.97	7.3	1.436	91.6	3.6	0.8
375	5/10/2015 10:01:11	15.75	50.53	33.16	7.34	7.97	7.3	1.408	90.5	3.0	0.7
376	5/10/2015 10:16:11	15.80	50.58	33.20	7.36	7.97	6.8	1.407	91.0	3.0	0.7
377	5/10/2015 10:31:11	15.72	50.52	33.16	7.46	7.97	6.8	1.437	92.0	2.7	0.6
378	5/10/2015 10:46:11	15.69	50.51	33.15	7.61	7.97	6.7	1.458	93.7	3.4	0.8
379	5/10/2015 11:01:11	15.83	50.49	33.14	7.47	7.97	6.8	1.495	92.2	3.1	0.7
380	5/10/2015 11:16:10	15.73	50.48	33.13	7.43	7.97	6.7	1.564	91.6	3.6	0.9
381	5/10/2015 11:31:11	15.62	50.44	33.10	7.41	7.96	6.3	1.623	91.1	3.3	0.8
382	5/10/2015 11:46:11	15.56	50.54	33.17	7.41	7.95	6.1	1.678	91.0	3.2	0.7
383	5/10/2015 12:01:11	15.94	50.36	33.05	7.35	7.95	6.6	1.739	90.9	4.0	0.9
384	5/10/2015 12:16:11	15.82	50.39	33.07	7.35	7.95	6.5	1.809	90.7	3.5	0.8
385	5/10/2015 12:31:12	15.56	50.41	33.07	7.31	7.94	6.1	1.893	89.8	2.8	0.6
386	5/10/2015 12:46:11	15.61	50.36	33.04	7.35	7.94	5.9	1.962	90.3	3.5	0.8
387	5/10/2015 13:01:11	15.44	50.31	33.00	7.39	7.94	6.5	2.045	90.5	3.3	0.8
388	5/10/2015 13:16:11	15.18	50.52	33.14	7.26	7.93	6.5	2.125	88.6	3.6	0.8
389	5/10/2015 13:31:11	14.91	50.52	33.14	7.33	7.92	6.4	2.209	89.0	2.9	0.7
390	5/10/2015 13:46:11	14.65	50.61	33.20	7.37	7.91	6.5	2.300	89.0	3.2	0.8
391	5/10/2015 14:01:11	14.56	50.55	33.15	7.41	7.91	6.2	2.379	89.2	3.3	0.8
392	5/10/2015 14:16:11	14.56	50.64	33.22	7.50	7.91	6.7	2.472	90.4	3.3	0.8
393	5/10/2015 14:31:11	14.52	50.64	33.22	7.55	7.92	7.2	2.556	91.0	3.0	0.7
394	5/10/2015 14:46:12	14.34	50.77	33.31	7.48	7.91	7.2	2.640	89.7	3.2	0.8
395	5/10/2015 15:01:11	14.28	50.66	33.23	7.49	7.91	6.2	2.710	89.7	2.9	0.7
396	5/10/2015 15:16:11	14.14	50.64	33.21	7.49	7.90	6.5	2.788	89.5	3.5	0.8
397	5/10/2015 15:31:12	13.82	50.83	33.34	7.43	7.89	8.1	2.872	88.3	3.2	0.7
398	5/10/2015 15:46:11	13.62	50.68	33.22	7.44	7.89	9.1	2.930	88.0	3.1	0.7
399	5/10/2015 16:01:11	13.43	50.66	33.20	7.48	7.88	8.7	2.999	88.1	3.1	0.7
400	5/10/2015 16:16:11	13.11	50.77	33.27	7.41	7.88	9.2	3.068	86.8	2.9	0.7
401	5/10/2015 16:31:11	12.68	51.07	33.47	7.28	7.86	8.1	3.129	84.6	3.2	0.7
402	5/10/2015 16:46:11	12.29	51.07	33.45	7.19	7.85	7.0	3.183	82.9	3.6	0.9
403	5/10/2015 17:01:11	12.13	51.10	33.46	7.15	7.85	6.1	3.225	82.2	3.0	0.7
404	5/10/2015 17:16:11	12.01	51.16	33.50	7.10	7.85	5.1	3.261	81.4	3.8	0.9
405	5/10/2015 17:31:11	11.96	51.16	33.50	7.10	7.85	3.2	3.294	81.3	3.9	0.9
406	5/10/2015 17:46:11	12.12	51.11	33.47	6.99	7.85	3.8	3.287	80.2	3.9	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
407	5/10/2015 18:01:11	12.07	51.09	33.45	7.04	7.85	4.7	3.270	80.7	2.9	0.7
408	5/10/2015 18:16:12	12.12	50.98	33.38	7.07	7.85	4.3	3.241	81.1	2.7	0.6
409	5/10/2015 18:31:11	12.33	51.13	33.49	7.08	7.85	5.4	3.199	81.7	3.0	0.7
410	5/10/2015 18:46:11	13.41	50.80	33.30	7.35	7.89	7.2	3.139	86.5	3.3	0.8
411	5/10/2015 19:01:11	13.18	50.84	33.32	7.37	7.89	6.4	3.070	86.4	2.8	0.7
412	5/10/2015 19:16:11	13.15	50.97	33.41	7.29	7.88	6.5	2.999	85.5	3.2	0.8
413	5/10/2015 19:31:11	14.53	50.71	33.27	7.72	7.95	9.2	2.937	93.0	3.2	0.8
414	5/10/2015 19:46:11	14.48	50.79	33.33	7.78	7.96	7.2	2.883	93.6	3.4	0.8
415	5/10/2015 20:01:11	14.42	50.70	33.26	7.72	7.94	9.0	2.793	92.8	3.0	0.7
416	5/10/2015 20:16:11	14.57	50.68	33.25	7.67	7.95	8.0	2.735	92.5	3.0	0.7
417	5/10/2015 20:31:11	14.75	50.72	33.28	7.63	7.95	8.6	2.690	92.3	3.1	0.7
418	5/10/2015 20:46:11	14.78	50.59	33.19	7.49	7.93	9.2	2.623	90.7	3.5	0.8
419	5/10/2015 21:01:11	14.85	50.58	33.18	7.44	7.93	9.4	2.567	90.1	3.5	0.8
420	5/10/2015 21:16:11	14.83	50.45	33.08	7.45	7.93	10.2	2.517	90.2	3.2	0.7
421	5/10/2015 21:31:11	15.21	50.60	33.21	7.50	7.95	9.5	2.468	91.5	3.4	0.8
422	5/10/2015 21:46:11	14.90	50.69	33.26	7.40	7.94	8.9	2.429	89.8	3.5	0.8
423	5/10/2015 22:01:11	15.08	50.65	33.24	7.42	7.95	8.7	2.384	90.4	3.6	0.8
424	5/10/2015 22:16:11	15.78	50.49	33.14	7.61	7.98	7.6	2.348	93.9	2.9	0.7
425	5/10/2015 22:31:11	15.62	50.50	33.14	7.56	7.98	7.9	2.336	92.9	3.1	0.7
426	5/10/2015 22:46:11	15.77	50.52	33.16	7.44	7.97	19.4	2.326	91.8	4.3	1.0
427	5/10/2015 23:01:11	15.82	50.56	33.19	7.20	7.97	5.9	2.314	88.9	3.0	0.7
428	5/10/2015 23:16:11	15.85	50.51	33.15	7.62	7.99	7.3	2.320	94.2	3.5	0.8
429	5/10/2015 23:31:11	15.56	50.55	33.17	7.52	7.96	6.9	2.340	92.4	3.4	0.8
430	5/10/2015 23:46:11	15.73	50.49	33.14	7.59	7.98	6.8	2.370	93.6	3.5	0.8
431	5/11/2015 00:01:10	15.60	50.52	33.16	7.57	7.97	7.4	2.411	93.1	3.0	0.7
432	5/11/2015 00:16:11	15.51	50.48	33.12	7.51	7.96	7.8	2.447	92.2	3.4	0.8
433	5/11/2015 00:31:11	15.25	50.53	33.15	7.52	7.95	6.7	2.497	91.8	3.1	0.7
434	5/11/2015 00:46:11	15.35	50.45	33.10	7.55	7.95	7.3	2.560	92.4	3.4	0.8
435	5/11/2015 01:01:11	15.21	50.56	33.18	7.55	7.95	6.1	2.600	92.2	2.5	0.6
436	5/11/2015 01:16:11	15.02	50.47	33.10	7.55	7.94	6.4	2.656	91.7	3.4	0.8
437	5/11/2015 01:31:11	14.55	50.66	33.23	7.46	7.92	6.4	2.714	89.9	3.3	0.8
438	5/11/2015 01:46:11	14.13	50.66	33.22	7.42	7.91	5.7	2.768	88.6	2.9	0.7
439	5/11/2015 02:01:11	13.88	50.70	33.24	7.36	7.90	5.4	2.823	87.5	2.7	0.6
440	5/11/2015 02:16:11	13.55	50.86	33.35	7.32	7.89	5.5	2.876	86.5	3.0	0.7
441	5/11/2015 02:31:11	13.37	50.78	33.28	7.31	7.88	5.2	2.939	86.0	3.1	0.7
442	5/11/2015 02:46:11	13.10	50.83	33.31	7.28	7.88	5.3	2.987	85.2	2.9	0.7
443	5/11/2015 03:01:11	12.97	51.03	33.45	7.24	7.87	4.8	3.046	84.6	3.0	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
444	5/11/2015 03:16:11	12.87	50.98	33.41	7.24	7.87	4.2	3.097	84.4	2.9	0.7
445	5/11/2015 03:31:11	12.77	50.96	33.39	7.22	7.87	3.9	3.148	84.0	2.7	0.6
446	5/11/2015 03:46:11	12.48	51.01	33.42	7.18	7.86	4.6	3.195	83.0	3.1	0.7
447	5/11/2015 04:01:11	12.31	51.06	33.44	7.16	7.85	3.4	3.237	82.5	3.0	0.7
448	5/11/2015 04:16:11	12.20	51.04	33.42	7.15	7.85	3.4	3.274	82.3	2.6	0.6
449	5/11/2015 04:31:11	12.13	51.12	33.48	7.10	7.85	3.4	3.300	81.5	2.7	0.6
450	5/11/2015 04:46:12	12.10	50.87	33.29	6.83	7.84	2.6	3.311	78.3	2.9	0.7
451	5/11/2015 05:01:11	11.99	51.19	33.52	7.00	7.84	3.3	3.313	80.1	2.3	0.5
452	5/11/2015 05:16:11	12.03	50.97	33.36	7.07	7.84	3.5	3.287	81.0	2.5	0.6
453	5/11/2015 05:31:11	12.28	51.00	33.40	7.12	7.85	5.4	3.245	82.0	2.6	0.6
454	5/11/2015 05:46:11	12.46	51.01	33.42	7.27	7.86	7.0	3.206	84.1	3.0	0.7
455	5/11/2015 06:01:11	12.42	51.03	33.42	7.32	7.86	8.1	3.140	84.6	2.9	0.7
456	5/11/2015 06:16:11	12.42	51.05	33.44	7.32	7.87	8.1	3.062	84.6	2.9	0.7
457	5/11/2015 06:31:11	12.55	51.06	33.45	7.33	7.87	8.1	2.991	84.9	2.6	0.6
458	5/11/2015 06:46:12	12.66	51.05	33.45	7.31	7.87	7.5	2.912	84.9	2.7	0.6
459	5/11/2015 07:01:11	12.76	50.93	33.37	7.35	7.88	8.3	2.828	85.4	2.7	0.6
460	5/11/2015 07:16:11	12.87	51.02	33.44	7.37	7.88	9.2	2.736	86.0	2.6	0.6
461	5/11/2015 07:31:11	13.03	50.82	33.30	7.43	7.89	9.4	2.646	86.9	2.7	0.6
462	5/11/2015 07:46:12	13.28	50.79	33.28	7.47	7.89	10.3	2.562	87.7	3.2	0.8
463	5/11/2015 08:01:11	13.48	50.67	33.21	7.56	7.90	10.8	2.471	89.1	2.9	0.7
464	5/11/2015 08:16:11	14.16	50.78	33.31	7.50	7.92	13.8	2.376	89.7	2.6	0.6
465	5/11/2015 08:31:11	14.08	50.79	33.31	7.73	7.94	10.9	2.266	92.4	3.1	0.7
466	5/11/2015 08:46:11	14.35	50.56	33.16	7.73	7.94	11.6	2.175	92.7	3.2	0.8
467	5/11/2015 09:01:11	14.54	50.64	33.22	7.72	7.95	11.8	2.075	93.0	3.6	0.9
468	5/11/2015 09:16:11	14.55	50.75	33.30	7.71	7.95	11.0	1.969	92.9	2.7	0.6
469	5/11/2015 09:31:11	14.71	50.64	33.23	7.72	7.96	10.4	1.870	93.3	2.7	0.6
470	5/11/2015 09:46:11	14.76	50.60	33.19	7.82	7.96	10.6	1.780	94.7	2.6	0.6
471	5/11/2015 10:01:11	14.78	50.72	33.29	7.99	7.98	9.6	1.695	96.7	3.2	0.8
472	5/11/2015 10:16:11	15.02	50.68	33.26	7.95	7.98	10.2	1.615	96.7	3.1	0.7
473	5/11/2015 10:31:11	15.13	50.61	33.21	7.76	7.97	9.7	1.562	94.6	3.1	0.7
474	5/11/2015 10:46:11	15.16	50.48	33.12	7.73	7.98	8.8	1.514	94.2	3.1	0.7
475	5/11/2015 11:01:11	15.25	50.69	33.27	7.61	7.97	8.7	1.489	93.0	2.9	0.7
476	5/11/2015 11:16:11	15.34	50.58	33.19	7.47	7.97	7.5	1.487	91.4	3.0	0.7
477	5/11/2015 11:31:10	15.40	50.57	33.19	7.60	7.97	8.1	1.494	93.2	3.4	0.8
478	5/11/2015 11:46:11	15.36	50.64	33.24	7.64	7.97	7.8	1.527	93.5	3.4	0.8
479	5/11/2015 12:01:11	15.51	50.66	33.26	7.52	7.97	8.5	1.566	92.4	3.5	0.8
480	5/11/2015 12:16:11	15.72	50.61	33.22	7.41	7.97	9.7	1.612	91.4	4.3	1.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
481	5/11/2015 12:31:11	15.74	50.62	33.23	7.40	7.98	9.8	1.681	91.3	3.7	0.9
482	5/11/2015 12:46:11	15.67	50.62	33.23	7.38	7.97	9.8	1.741	90.9	4.2	1.0
483	5/11/2015 13:01:11	15.77	50.59	33.21	7.42	7.97	9.2	1.800	91.6	3.9	0.9
484	5/11/2015 13:16:11	15.77	50.49	33.14	7.38	7.97	10.0	1.880	91.1	3.5	0.8
485	5/11/2015 13:31:10	15.59	50.50	33.14	7.33	7.96	8.6	1.949	90.1	3.1	0.7
486	5/11/2015 13:46:10	15.66	50.48	33.13	7.36	7.97	10.0	2.022	90.6	3.6	0.8
487	5/11/2015 14:01:11	15.49	50.43	33.09	7.38	7.96	9.0	2.110	90.6	3.0	0.7
488	5/11/2015 14:16:11	15.02	50.70	33.28	7.31	7.93	10.0	2.192	88.9	2.9	0.7
489	5/11/2015 14:31:12	14.83	50.70	33.27	7.33	7.93	8.4	2.275	88.8	3.1	0.7
490	5/11/2015 14:46:12	14.64	50.67	33.25	7.35	7.92	7.8	2.354	88.8	3.2	0.7
491	5/11/2015 15:01:11	14.49	50.71	33.27	7.38	7.91	7.8	2.441	88.8	2.8	0.7
492	5/11/2015 15:16:11	14.48	50.69	33.25	7.50	7.92	7.7	2.532	90.2	3.5	0.8
493	5/11/2015 15:31:11	14.49	50.71	33.27	7.56	7.92	7.5	2.614	91.0	3.8	0.9
494	5/11/2015 15:46:12	14.34	50.83	33.36	7.46	7.91	8.6	2.696	89.6	3.1	0.7
495	5/11/2015 16:01:11	14.30	50.66	33.23	7.49	7.91	8.6	2.769	89.8	3.2	0.8
496	5/11/2015 16:16:11	14.04	50.81	33.33	7.47	7.90	10.8	2.856	89.1	3.1	0.7
497	5/11/2015 16:31:11	13.79	50.77	33.29	7.46	7.89	10.8	2.920	88.6	3.1	0.7
498	5/11/2015 16:46:12	13.52	50.89	33.37	7.51	7.89	11.6	2.997	88.7	3.2	0.8
499	5/11/2015 17:01:12	13.35	50.86	33.34	7.53	7.89	11.4	3.071	88.7	3.4	0.8
500	5/11/2015 17:16:11	12.90	50.82	33.29	7.50	7.87	10.1	3.138	87.4	3.9	0.9
501	5/11/2015 17:31:11	12.57	51.07	33.46	7.55	7.87	9.5	3.205	87.5	4.3	1.0
502	5/11/2015 17:46:11	12.33	51.15	33.51	7.58	7.87	6.9	3.263	87.4	4.2	1.0
503	5/11/2015 18:01:11	12.15	51.22	33.55	7.64	7.87	6.1	3.309	87.8	5.0	1.2
504	5/11/2015 18:16:11	12.07	51.14	33.49	7.60	7.87	3.7	3.346	87.1	4.1	1.0
505	5/11/2015 18:31:11	12.05	51.14	33.49	7.51	7.87	3.7	3.357	86.1	3.8	0.9
506	5/11/2015 18:46:11	12.09	51.14	33.49	7.45	7.87	3.9	3.369	85.5	3.1	0.7
507	5/11/2015 19:01:11	12.09	51.08	33.45	7.51	7.87	4.9	3.346	86.2	3.2	0.8
508	5/11/2015 19:16:11	12.19	51.18	33.52	7.54	7.87	5.1	3.303	86.8	4.1	1.0
509	5/11/2015 19:31:11	12.52	51.05	33.45	7.51	7.88	6.8	3.263	86.9	3.3	0.8
510	5/11/2015 19:46:11	12.89	50.92	33.37	7.55	7.89	7.9	3.200	88.0	3.9	0.9
511	5/11/2015 20:01:11	12.55	51.16	33.53	7.49	7.88	7.3	3.122	86.9	4.0	0.9
512	5/11/2015 20:16:11	13.30	50.89	33.36	7.52	7.90	8.4	3.050	88.4	3.5	0.8
513	5/11/2015 20:31:12	14.10	50.84	33.35	7.79	7.95	9.2	2.973	93.1	3.6	0.8
514	5/11/2015 20:46:11	14.10	50.83	33.35	7.80	7.95	8.9	2.898	93.2	2.9	0.7
515	5/11/2015 21:01:12	14.24	50.87	33.37	7.77	7.95	9.2	2.820	93.1	3.3	0.8
516	5/11/2015 21:16:11	14.36	50.74	33.28	7.80	7.96	9.3	2.749	93.6	3.6	0.8
517	5/11/2015 21:31:11	14.56	50.83	33.35	7.74	7.96	10.9	2.687	93.3	2.9	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
518	5/11/2015 21:46:11	14.70	50.75	33.30	7.65	7.96	11.6	2.609	92.5	3.4	0.8
519	5/11/2015 22:01:12	14.26	50.81	33.33	7.42	7.92	9.7	2.537	88.9	3.0	0.7
520	5/11/2015 22:16:12	14.72	50.78	33.33	7.40	7.94	10.0	2.468	89.5	3.2	0.8
521	5/11/2015 22:31:12	15.20	50.64	33.24	7.47	7.97	10.3	2.415	91.2	3.1	0.7
522	5/11/2015 22:46:11	15.41	50.54	33.16	7.59	8.00	10.9	2.342	93.0	3.5	0.8
523	5/11/2015 23:01:11	15.47	50.69	33.28	7.60	8.00	10.1	2.271	93.3	3.9	0.9
524	5/11/2015 23:16:12	15.00	50.80	33.35	7.43	7.97	9.6	2.239	90.4	3.7	0.9
525	5/11/2015 23:31:12	15.46	50.71	33.29	7.56	8.00	10.0	2.181	92.8	3.5	0.8
526	5/11/2015 23:46:11	15.52	50.75	33.32	7.51	8.00	9.4	2.154	92.4	3.9	0.9
527	5/12/2015 00:01:10	15.58	50.64	33.24	7.39	7.99	7.9	2.133	90.9	3.9	0.9
528	5/12/2015 00:16:10	15.66	50.67	33.27	7.45	8.00	7.4	2.125	91.8	3.6	0.8
529	5/12/2015 00:31:11	15.86	50.72	33.31	7.46	8.01	9.4	2.143	92.3	3.6	0.8
530	5/12/2015 00:46:11	15.70	50.73	33.31	7.59	8.01	9.1	2.159	93.6	3.6	0.8
531	5/12/2015 01:01:11	15.72	50.59	33.21	7.51	8.01	9.5	2.183	92.6	3.7	0.9
532	5/12/2015 01:16:10	15.61	50.64	33.25	7.58	8.00	9.4	2.246	93.3	3.7	0.9
533	5/12/2015 01:31:11	15.55	50.66	33.26	7.56	8.00	9.4	2.296	92.9	3.7	0.9
534	5/12/2015 01:46:11	15.55	50.55	33.18	7.42	7.98	10.1	2.351	91.2	3.3	0.8
535	5/12/2015 02:01:11	15.44	50.61	33.22	7.42	7.97	9.5	2.414	90.9	3.4	0.8
536	5/12/2015 02:16:11	15.30	50.70	33.28	7.45	7.97	8.9	2.477	91.1	3.5	0.8
537	5/12/2015 02:31:12	15.14	50.63	33.23	7.45	7.96	7.9	2.537	90.8	3.3	0.8
538	5/12/2015 02:46:11	14.79	50.68	33.25	7.44	7.94	7.4	2.600	90.1	2.9	0.7
539	5/12/2015 03:01:11	14.34	50.81	33.34	7.43	7.92	7.4	2.655	89.3	3.3	0.8
540	5/12/2015 03:16:12	14.07	50.84	33.35	7.45	7.91	6.6	2.709	89.0	3.7	0.9
541	5/12/2015 03:31:11	13.77	50.92	33.40	7.47	7.91	5.9	2.770	88.7	3.4	0.8
542	5/12/2015 03:46:11	13.54	50.83	33.32	7.49	7.90	5.1	2.823	88.5	3.1	0.7
543	5/12/2015 04:01:10	13.47	50.84	33.33	7.49	7.90	4.8	2.882	88.3	2.9	0.7
544	5/12/2015 04:16:11	13.42	50.94	33.40	7.50	7.90	4.6	2.942	88.4	3.3	0.8
545	5/12/2015 04:31:11	13.31	50.87	33.35	7.49	7.90	5.4	2.989	88.1	3.2	0.8
546	5/12/2015 04:46:11	13.14	50.92	33.38	7.46	7.89	5.0	3.049	87.5	3.2	0.8
547	5/12/2015 05:01:12	12.75	51.12	33.51	7.39	7.88	5.0	3.100	86.0	4.2	1.0
548	5/12/2015 05:16:11	12.59	51.06	33.45	7.34	7.87	4.7	3.143	85.1	3.0	0.7
549	5/12/2015 05:31:11	12.47	51.09	33.47	7.30	7.87	3.9	3.177	84.4	2.7	0.6
550	5/12/2015 05:46:11	12.44	51.05	33.44	7.27	7.87	3.8	3.208	84.0	2.8	0.7
551	5/12/2015 06:01:11	12.32	51.16	33.52	7.16	7.86	3.4	3.228	82.6	2.5	0.6
552	5/12/2015 06:16:12	12.38	51.15	33.51	7.18	7.86	4.1	3.226	82.9	3.1	0.7
553	5/12/2015 06:31:11	12.39	51.06	33.44	7.13	7.86	4.1	3.215	82.3	2.5	0.6
554	5/12/2015 06:46:12	12.38	51.08	33.46	7.19	7.86	4.7	3.176	83.0	2.8	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
555	5/12/2015 07:01:12	12.64	51.04	33.44	7.25	7.87	5.4	3.142	84.1	2.2	0.5
556	5/12/2015 07:16:11	12.82	51.11	33.50	7.30	7.88	4.8	3.088	85.0	2.6	0.6
557	5/12/2015 07:31:12	13.10	51.04	33.46	7.60	7.90	5.4	3.003	89.1	3.4	0.8
558	5/12/2015 07:46:11	13.19	51.00	33.44	7.68	7.91	5.9	2.934	90.1	2.5	0.6
559	5/12/2015 08:01:11	13.43	50.95	33.41	7.61	7.91	5.7	2.861	89.7	2.8	0.6
560	5/12/2015 08:16:11	13.70	50.90	33.38	7.49	7.91	6.7	2.774	88.7	2.4	0.6
561	5/12/2015 08:31:11	13.92	50.85	33.36	7.42	7.92	6.8	2.695	88.3	2.7	0.6
562	5/12/2015 08:46:11	14.19	50.89	33.39	7.40	7.92	7.1	2.591	88.7	2.9	0.7
563	5/12/2015 09:01:11	14.37	50.70	33.26	7.40	7.92	7.6	2.506	88.8	2.7	0.6
564	5/12/2015 09:16:11	14.61	50.71	33.27	7.47	7.93	8.1	2.423	90.1	3.3	0.8
565	5/12/2015 09:31:12	14.73	50.79	33.33	7.53	7.94	9.0	2.328	91.1	3.1	0.7
566	5/12/2015 09:46:11	14.79	50.74	33.30	7.75	7.96	7.7	2.225	93.9	2.9	0.7
567	5/12/2015 10:01:11	14.81	50.84	33.37	7.85	7.96	7.6	2.132	95.2	2.8	0.7
568	5/12/2015 10:16:11	14.90	50.84	33.37	7.98	7.97	7.5	2.045	97.0	3.1	0.7
569	5/12/2015 10:31:11	14.98	50.84	33.38	8.03	7.98	8.1	1.937	97.7	2.9	0.7
570	5/12/2015 10:46:11	15.10	50.86	33.39	8.04	7.99	7.8	1.844	98.0	2.9	0.7
571	5/12/2015 11:01:12	15.15	50.74	33.30	8.02	7.99	7.3	1.775	97.9	2.5	0.6
572	5/12/2015 11:16:11	15.26	50.72	33.30	8.00	8.00	6.8	1.711	97.8	2.5	0.6
573	5/12/2015 11:31:12	15.31	50.79	33.35	8.10	8.01	6.7	1.625	99.2	2.6	0.6
574	5/12/2015 11:46:11	15.39	50.78	33.34	8.05	8.01	6.3	1.589	98.7	2.7	0.6
575	5/12/2015 12:01:11	15.55	50.77	33.34	7.92	8.02	5.5	1.576	97.4	2.5	0.6
576	5/12/2015 12:16:11	15.73	50.83	33.38	8.52	8.05	7.0	1.556	105.2	2.6	0.6
577	5/12/2015 12:31:11	15.76	50.76	33.33	8.30	8.03	5.9	1.563	102.5	3.4	0.8
578	5/12/2015 12:46:11	15.89	50.77	33.35	8.22	8.02	6.5	1.588	101.8	2.9	0.7
579	5/12/2015 13:01:11	15.78	50.73	33.31	8.17	8.02	6.4	1.641	100.9	3.9	0.9
580	5/12/2015 13:16:11	16.01	50.73	33.32	7.97	8.02	7.3	1.676	98.9	3.3	0.8
581	5/12/2015 13:31:11	15.95	50.67	33.27	7.91	8.01	7.0	1.740	98.0	3.7	0.9
582	5/12/2015 13:46:10	15.86	50.63	33.24	7.90	8.01	7.5	1.817	97.7	3.7	0.9
583	5/12/2015 14:01:11	16.11	50.67	33.27	7.75	8.00	8.0	1.880	96.3	4.1	1.0
584	5/12/2015 14:16:11	15.90	50.69	33.29	7.75	7.99	7.7	1.959	95.9	3.5	0.8
585	5/12/2015 14:31:11	15.73	50.71	33.30	7.82	7.99	6.7	2.033	96.5	4.0	0.9
586	5/12/2015 14:46:11	15.69	50.75	33.33	7.79	7.99	7.0	2.106	96.1	3.7	0.9
587	5/12/2015 15:01:11	15.64	50.71	33.30	7.66	7.98	7.4	2.196	94.3	3.7	0.9
588	5/12/2015 15:16:11	15.31	50.71	33.29	7.57	7.96	7.5	2.278	92.7	3.1	0.7
589	5/12/2015 15:31:11	15.01	50.73	33.30	7.57	7.95	7.7	2.358	92.1	3.7	0.9
590	5/12/2015 15:46:12	14.79	50.76	33.31	7.59	7.94	7.4	2.448	92.0	3.5	0.8
591	5/12/2015 16:01:11	14.62	50.75	33.30	7.61	7.93	7.4	2.544	91.9	3.8	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
592	5/12/2015 16:16:11	14.56	50.79	33.33	7.65	7.93	8.9	2.625	92.2	3.4	0.8
593	5/12/2015 16:31:11	14.40	50.75	33.29	7.62	7.92	8.1	2.708	91.6	3.5	0.8
594	5/12/2015 16:46:11	14.45	50.86	33.38	7.72	7.93	9.6	2.796	92.9	4.3	1.0
595	5/12/2015 17:01:12	14.08	50.89	33.38	7.68	7.92	11.5	2.881	91.7	3.5	0.8
596	5/12/2015 17:16:12	13.77	50.85	33.35	7.72	7.91	12.0	2.962	91.6	4.2	1.0
597	5/12/2015 17:31:12	13.54	50.92	33.39	7.77	7.91	13.9	3.044	91.8	4.5	1.1
598	5/12/2015 17:46:11	13.18	50.99	33.43	7.76	7.90	11.1	3.129	91.1	4.6	1.1
599	5/12/2015 18:01:12	12.78	51.16	33.54	7.72	7.89	9.6	3.202	89.8	5.0	1.2
600	5/12/2015 18:16:11	12.29	51.22	33.56	7.70	7.88	8.7	3.281	88.8	5.1	1.2
601	5/12/2015 18:31:11	12.07	51.30	33.61	7.69	7.88	7.6	3.351	88.2	4.7	1.1
602	5/12/2015 18:46:11	11.93	51.24	33.55	7.68	7.89	5.2	3.403	87.9	5.5	1.3
603	5/12/2015 19:01:11	11.84	51.33	33.62	7.65	7.89	5.4	3.448	87.4	4.4	1.0
604	5/12/2015 19:16:11	11.80	51.43	33.69	7.60	7.89	4.1	3.476	86.8	5.0	1.2
605	5/12/2015 19:31:11	11.80	51.31	33.60	7.45	7.88	2.9	3.488	85.0	4.6	1.1
606	5/12/2015 19:46:11	12.04	51.32	33.62	7.54	7.88	4.9	3.478	86.5	4.0	0.9
607	5/12/2015 20:01:11	11.94	51.25	33.57	7.57	7.88	5.7	3.448	86.7	4.4	1.0
608	5/12/2015 20:16:11	12.02	51.30	33.60	7.57	7.88	5.3	3.405	86.8	4.0	0.9
609	5/12/2015 20:31:11	12.47	51.21	33.56	7.57	7.89	6.8	3.337	87.6	4.1	1.0
610	5/12/2015 20:46:12	12.54	51.14	33.52	7.55	7.90	7.3	3.257	87.4	4.4	1.0
611	5/12/2015 21:01:11	12.72	51.17	33.54	7.60	7.91	6.9	3.178	88.4	4.0	0.9
612	5/12/2015 21:16:11	13.92	50.88	33.37	7.83	7.95	7.9	3.096	93.2	3.9	0.9
613	5/12/2015 21:31:11	13.91	51.00	33.47	7.96	7.96	8.3	3.009	94.9	3.6	0.8
614	5/12/2015 21:46:11	13.99	50.94	33.42	7.94	7.96	8.4	2.915	94.7	3.9	0.9
615	5/12/2015 22:01:11	13.99	51.00	33.47	7.90	7.96	8.4	2.846	94.3	3.8	0.9
616	5/12/2015 22:16:11	14.38	50.96	33.44	7.92	7.97	8.3	2.740	95.3	3.3	0.8
617	5/12/2015 22:31:11	14.69	50.73	33.29	7.84	7.97	9.2	2.666	94.7	3.9	0.9
618	5/12/2015 22:46:11	14.55	50.84	33.36	7.61	7.95	8.5	2.582	91.8	3.7	0.9
619	5/12/2015 23:01:11	14.68	50.68	33.25	7.53	7.96	9.0	2.485	91.0	3.5	0.8
620	5/12/2015 23:16:11	14.57	50.83	33.36	7.69	7.97	9.2	2.403	92.7	4.0	0.9
621	5/12/2015 23:31:11	15.54	50.81	33.36	7.91	8.03	10.3	2.315	97.3	4.1	1.0
622	5/12/2015 23:46:12	15.32	50.84	33.39	7.89	8.02	9.8	2.234	96.7	3.6	0.8
623	5/13/2015 00:01:11	15.28	50.83	33.37	7.81	8.01	9.5	2.151	95.6	3.6	0.8
624	5/13/2015 00:16:11	15.48	50.86	33.41	7.69	8.02	9.8	2.082	94.5	4.0	0.9
625	5/13/2015 00:31:12	15.33	50.90	33.43	7.68	8.01	9.2	2.016	94.1	3.8	0.9
626	5/13/2015 00:46:12	15.62	50.72	33.30	7.69	8.02	8.9	1.973	94.7	3.8	0.9
627	5/13/2015 01:01:11	15.75	50.83	33.39	7.71	8.03	8.3	1.932	95.2	3.6	0.8
628	5/13/2015 01:16:11	15.81	50.74	33.32	7.66	8.03	7.4	1.917	94.6	3.8	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
629	5/13/2015 01:31:11	15.85	50.67	33.27	7.77	8.04	6.7	1.925	96.1	3.9	0.9
630	5/13/2015 01:46:11	15.88	50.71	33.30	7.90	8.04	8.0	1.936	97.7	3.4	0.8
631	5/13/2015 02:01:11	15.76	50.73	33.31	7.83	8.03	9.6	1.970	96.7	3.8	0.9
632	5/13/2015 02:16:11	15.70	50.77	33.34	7.90	8.03	7.6	2.010	97.4	3.3	0.8
633	5/13/2015 02:31:11	15.60	50.80	33.36	7.90	8.02	7.8	2.071	97.3	3.6	0.8
634	5/13/2015 02:46:11	15.57	50.72	33.31	7.80	8.01	8.0	2.142	95.9	3.4	0.8
635	5/13/2015 03:01:11	15.57	50.74	33.32	7.50	7.99	9.1	2.204	92.3	3.5	0.8
636	5/13/2015 03:16:11	15.43	50.82	33.37	7.60	7.99	7.7	2.270	93.3	4.0	1.0
637	5/13/2015 03:31:11	15.31	50.54	33.16	7.62	7.99	6.9	2.342	93.2	3.5	0.8
638	5/13/2015 03:46:11	15.21	50.81	33.36	7.57	7.98	7.3	2.410	92.5	3.7	0.9
639	5/13/2015 04:01:11	14.84	50.90	33.41	7.54	7.96	6.8	2.470	91.4	3.5	0.8
640	5/13/2015 04:16:11	14.48	50.73	33.29	7.53	7.94	6.2	2.534	90.7	3.6	0.8
641	5/13/2015 04:31:11	14.19	50.97	33.45	7.53	7.93	6.0	2.606	90.2	4.0	0.9
642	5/13/2015 04:46:12	14.05	50.90	33.40	7.52	7.92	5.7	2.665	89.7	3.2	0.7
643	5/13/2015 05:01:11	13.88	50.84	33.35	7.52	7.92	5.6	2.732	89.5	3.2	0.8
644	5/13/2015 05:16:11	13.74	51.02	33.47	7.51	7.91	5.7	2.796	89.2	3.3	0.8
645	5/13/2015 05:31:11	13.62	51.00	33.45	7.52	7.91	5.6	2.857	89.0	2.9	0.7
646	5/13/2015 05:46:11	13.43	51.00	33.44	7.50	7.90	5.2	2.931	88.4	2.7	0.6
647	5/13/2015 06:01:11	13.27	51.00	33.44	7.46	7.90	5.1	2.990	87.7	3.1	0.7
648	5/13/2015 06:16:11	13.09	51.08	33.49	7.43	7.89	5.2	3.045	87.0	3.1	0.7
649	5/13/2015 06:31:11	12.89	51.07	33.48	7.41	7.89	4.7	3.098	86.5	3.5	0.8
650	5/13/2015 06:46:11	12.69	51.04	33.45	7.39	7.89	5.0	3.150	85.8	3.3	0.8
651	5/13/2015 07:01:11	12.45	51.16	33.53	7.35	7.88	4.8	3.182	85.0	3.3	0.8
652	5/13/2015 07:16:11	12.39	51.15	33.51	7.32	7.88	3.6	3.205	84.5	3.6	0.8
653	5/13/2015 07:31:11	12.46	50.94	33.36	7.25	7.88	4.0	3.221	83.7	3.4	0.8
654	5/13/2015 07:46:11	12.35	51.19	33.54	7.13	7.87	3.9	3.224	82.3	2.3	0.5
655	5/13/2015 08:01:11	12.54	51.12	33.50	7.26	7.88	4.0	3.191	84.1	2.8	0.7
656	5/13/2015 08:16:11	12.56	51.14	33.51	7.27	7.88	3.9	3.143	84.2	2.9	0.7
657	5/13/2015 08:31:11	12.85	51.00	33.42	7.32	7.89	4.8	3.091	85.3	2.7	0.6
658	5/13/2015 08:46:11	13.91	50.96	33.44	8.14	7.96	5.3	3.028	96.9	2.8	0.7
659	5/13/2015 09:01:11	13.68	51.03	33.48	8.01	7.94	5.1	2.940	95.0	3.3	0.8
660	5/13/2015 09:16:11	13.91	50.98	33.45	7.80	7.94	6.5	2.850	92.9	2.9	0.7
661	5/13/2015 09:31:11	14.03	51.05	33.51	7.75	7.94	5.9	2.780	92.6	3.4	0.8
662	5/13/2015 09:46:11	14.11	50.92	33.41	7.66	7.94	5.9	2.685	91.5	3.1	0.7
663	5/13/2015 10:01:12	14.41	50.93	33.43	7.72	7.95	6.3	2.582	92.9	2.9	0.7
664	5/13/2015 10:16:11	14.71	50.76	33.31	7.72	7.97	6.8	2.505	93.4	2.6	0.6
665	5/13/2015 10:31:12	15.03	50.91	33.43	7.85	7.98	6.6	2.414	95.5	3.0	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
666	5/13/2015 10:46:11	15.18	50.89	33.42	8.01	7.99	6.3	2.306	97.8	3.4	0.8
667	5/13/2015 11:01:11	15.39	50.80	33.36	8.36	8.01	6.2	2.214	102.5	3.2	0.7
668	5/13/2015 11:16:11	15.51	50.91	33.44	8.55	8.02	5.7	2.127	105.2	3.1	0.7
669	5/13/2015 11:31:11	15.66	50.76	33.33	8.63	8.04	6.3	2.031	106.4	3.5	0.8
670	5/13/2015 11:46:11	15.62	50.77	33.34	8.60	8.04	6.2	1.918	105.9	3.4	0.8
671	5/13/2015 12:01:11	15.81	50.87	33.42	8.63	8.05	5.3	1.856	106.7	2.8	0.7
672	5/13/2015 12:16:11	15.92	50.81	33.37	8.71	8.06	5.9	1.770	107.9	3.2	0.7
673	5/13/2015 12:31:11	15.85	50.85	33.40	8.73	8.06	4.7	1.708	108.1	2.8	0.7
674	5/13/2015 12:46:11	16.15	50.80	33.37	8.83	8.07	5.0	1.669	109.9	3.0	0.7
675	5/13/2015 13:01:11	16.24	50.84	33.41	8.98	8.08	4.9	1.624	112.0	3.2	0.7
676	5/13/2015 13:16:11	16.38	50.82	33.39	8.73	8.08	4.3	1.640	109.2	3.1	0.7
677	5/13/2015 13:31:11	16.18	50.92	33.46	9.22	8.08	4.7	1.618	114.9	3.8	0.9
678	5/13/2015 13:46:11	16.24	50.74	33.33	9.05	8.07	4.5	1.655	112.9	4.0	0.9
679	5/13/2015 14:01:11	16.42	50.80	33.38	9.07	8.08	4.9	1.708	113.5	3.5	0.8
680	5/13/2015 14:16:11	16.49	50.79	33.37	8.78	8.07	5.1	1.743	110.0	3.7	0.9
681	5/13/2015 14:31:10	16.39	50.74	33.33	8.85	8.06	5.0	1.834	110.6	3.7	0.9
682	5/13/2015 14:46:11	16.52	50.68	33.29	8.65	8.06	7.7	1.892	108.4	4.1	1.0
683	5/13/2015 15:01:10	16.62	50.67	33.29	8.40	8.04	6.4	1.978	105.4	4.1	1.0
684	5/13/2015 15:16:10	16.34	50.74	33.33	8.54	8.04	5.7	2.064	106.7	4.0	0.9
685	5/13/2015 15:31:11	16.15	50.85	33.41	8.59	8.04	5.8	2.134	106.9	4.1	1.0
686	5/13/2015 15:46:11	16.05	50.85	33.41	8.54	8.03	4.8	2.229	106.1	3.8	0.9
687	5/13/2015 16:01:11	15.68	50.78	33.35	8.27	8.01	5.5	2.308	101.9	4.1	1.0
688	5/13/2015 16:16:11	15.55	50.86	33.40	8.18	8.00	5.9	2.401	100.7	4.3	1.0
689	5/13/2015 16:31:11	15.14	50.78	33.34	8.08	7.97	5.8	2.477	98.6	3.9	0.9
690	5/13/2015 16:46:11	15.00	50.88	33.40	8.04	7.97	5.9	2.578	97.8	4.5	1.1
691	5/13/2015 17:01:11	14.91	50.88	33.40	8.03	7.96	6.8	2.676	97.6	4.6	1.1
692	5/13/2015 17:16:11	14.69	50.87	33.39	8.02	7.96	8.0	2.751	97.0	4.2	1.0
693	5/13/2015 17:31:11	14.48	50.90	33.41	8.03	7.95	8.7	2.826	96.8	4.4	1.0
694	5/13/2015 17:46:11	14.15	50.93	33.42	7.94	7.94	9.5	2.938	95.1	4.0	0.9
695	5/13/2015 18:01:11	13.75	50.97	33.44	7.96	7.93	11.5	3.014	94.5	18.6	4.4
696	5/13/2015 18:16:11	13.37	51.08	33.51	7.95	7.92	10.0	3.105	93.7	33.0	7.8
697	5/13/2015 18:31:11	12.89	51.23	33.59	7.81	7.91	10.3	3.187	91.2	9.0	2.1
698	5/13/2015 18:46:11	12.18	51.24	33.57	7.61	7.89	9.5	3.286	87.6	5.8	1.4
699	5/13/2015 19:01:11	11.84	51.34	33.62	7.55	7.89	67.0	3.385	86.2	7.2	1.7
700	5/13/2015 19:16:11	11.70	51.43	33.68	7.55	7.89	8.7	3.453	86.0	6.2	1.5
701	5/13/2015 19:31:11	11.42	51.45	33.68	7.47	7.89	8.3	3.533	84.6	10.8	2.6
702	5/13/2015 19:46:11	11.19	51.44	33.66	7.37	7.89	5.7	3.568	83.0	12.9	3.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
703	5/13/2015 20:01:11	11.05	51.54	33.73	7.24	7.88	4.8	3.610	81.4	12.2	2.9
704	5/13/2015 20:16:11	11.00	51.50	33.69	7.15	7.88	4.0	3.636	80.3	6.4	1.5
705	5/13/2015 20:31:11	11.07	51.55	33.73	7.20	7.88	4.6	3.639	80.9	5.7	1.3
706	5/13/2015 20:46:11	11.28	51.45	33.68	7.25	7.88	5.5	3.611	81.8	5.0	1.2
707	5/13/2015 21:01:11	11.42	51.42	33.66	7.23	7.88	4.8	3.574	81.9	4.6	1.1
708	5/13/2015 21:16:11	11.87	51.32	33.61	7.37	7.89	6.6	3.501	84.2	5.3	1.2
709	5/13/2015 21:31:12	12.29	51.23	33.57	7.41	7.90	8.4	3.412	85.5	5.1	1.2
710	5/13/2015 21:46:11	11.44	51.40	33.65	7.32	7.89	6.0	3.319	83.0	4.9	1.2
711	5/13/2015 22:01:11	13.03	51.16	33.55	7.73	7.94	6.5	3.221	90.4	4.3	1.0
712	5/13/2015 22:16:11	13.51	51.08	33.51	7.83	7.95	6.9	3.116	92.5	4.1	1.0
713	5/13/2015 22:31:11	13.65	51.02	33.47	7.92	7.96	7.2	3.032	93.9	4.4	1.0
714	5/13/2015 22:46:12	13.77	51.04	33.49	7.94	7.96	7.9	2.910	94.4	4.4	1.0
715	5/13/2015 23:01:11	14.08	51.11	33.55	7.91	7.96	7.5	2.815	94.5	4.1	1.0
716	5/13/2015 23:16:11	14.18	50.93	33.42	7.95	7.97	6.7	2.733	95.2	4.5	1.1
717	5/13/2015 23:31:11	14.75	50.96	33.46	8.00	7.99	7.5	2.626	96.9	4.0	0.9
718	5/13/2015 23:46:11	14.86	50.85	33.38	7.88	7.99	7.8	2.523	95.6	3.8	0.9
719	5/14/2015 00:01:12	14.68	50.97	33.46	7.85	7.98	8.0	2.423	94.9	3.9	0.9
720	5/14/2015 00:16:11	15.11	50.75	33.32	7.91	8.01	9.4	2.311	96.5	4.0	0.9
721	5/14/2015 00:31:11	14.96	50.88	33.40	8.09	8.00	9.1	2.217	98.4	4.1	1.0
722	5/14/2015 00:46:11	14.96	50.88	33.41	8.05	8.00	8.6	2.123	97.9	4.2	1.0
723	5/14/2015 01:01:11	15.02	50.93	33.45	7.95	8.01	8.7	2.019	96.9	4.4	1.0
724	5/14/2015 01:16:11	15.06	50.97	33.48	8.08	8.02	8.3	1.938	98.5	4.1	1.0
725	5/14/2015 01:31:11	15.49	50.99	33.50	8.28	8.05	7.9	1.832	101.8	4.4	1.0
726	5/14/2015 01:46:11	15.79	50.89	33.43	8.44	8.07	7.6	1.767	104.4	3.7	0.9
727	5/14/2015 02:01:11	16.14	50.91	33.45	8.61	8.09	7.6	1.733	107.3	4.0	0.9
728	5/14/2015 02:16:11	16.22	50.95	33.48	8.62	8.10	8.2	1.683	107.5	4.0	0.9
729	5/14/2015 02:31:11	16.37	50.85	33.41	8.57	8.10	6.0	1.685	107.1	4.0	0.9
730	5/14/2015 02:46:10	16.23	50.75	33.33	8.63	8.10	6.7	1.705	107.5	4.2	1.0
731	5/14/2015 03:01:10	16.17	50.87	33.42	8.63	8.09	6.6	1.711	107.5	4.4	1.0
732	5/14/2015 03:16:11	16.11	50.91	33.45	8.56	8.08	7.3	1.779	106.6	4.0	0.9
733	5/14/2015 03:31:10	16.13	50.85	33.41	8.48	8.08	7.2	1.840	105.6	3.8	0.9
734	5/14/2015 03:46:11	16.03	50.80	33.37	8.29	8.06	8.4	1.919	103.0	3.8	0.9
735	5/14/2015 04:01:11	16.10	50.65	33.26	7.87	8.03	9.7	1.996	97.8	3.7	0.9
736	5/14/2015 04:16:11	15.93	50.81	33.38	7.94	8.03	9.1	2.107	98.4	3.6	0.8
737	5/14/2015 04:31:11	15.75	50.83	33.39	7.96	8.02	7.6	2.181	98.4	4.0	1.0
738	5/14/2015 04:46:11	15.62	50.87	33.42	7.97	8.02	7.9	2.237	98.2	4.0	1.0
739	5/14/2015 05:01:12	15.27	50.87	33.41	7.90	8.00	6.7	2.327	96.7	3.6	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
740	5/14/2015 05:16:12	14.86	50.97	33.47	7.80	7.97	6.8	2.422	94.7	3.8	0.9
741	5/14/2015 05:31:11	14.66	50.96	33.46	7.78	7.96	5.9	2.475	94.1	3.1	0.7
742	5/14/2015 05:46:11	14.47	50.86	33.38	7.79	7.95	5.4	2.562	93.7	3.6	0.9
743	5/14/2015 06:01:12	14.32	50.86	33.37	7.75	7.95	5.9	2.636	93.1	3.4	0.8
744	5/14/2015 06:16:11	14.19	50.82	33.34	7.72	7.94	6.2	2.712	92.4	3.8	0.9
745	5/14/2015 06:31:11	13.93	51.01	33.47	7.66	7.93	6.5	2.777	91.3	3.5	0.8
746	5/14/2015 06:46:12	13.78	51.03	33.48	7.61	7.93	5.9	2.847	90.4	3.4	0.8
747	5/14/2015 07:01:11	13.58	51.05	33.49	7.55	7.92	6.4	2.910	89.4	4.1	1.0
748	5/14/2015 07:16:11	13.21	51.01	33.45	7.52	7.91	6.7	2.987	88.4	3.4	0.8
749	5/14/2015 07:31:11	12.92	50.96	33.39	7.51	7.91	6.2	3.064	87.7	3.5	0.8
750	5/14/2015 07:46:11	12.71	51.12	33.51	7.47	7.90	6.5	3.115	86.9	4.1	1.0
751	5/14/2015 08:01:11	12.42	51.24	33.58	7.43	7.90	5.3	3.179	85.9	4.4	1.0
752	5/14/2015 08:16:12	12.14	51.31	33.62	7.36	7.89	4.2	3.233	84.6	3.9	0.9
753	5/14/2015 08:31:11	11.98	51.34	33.63	7.26	7.89	4.8	3.264	83.2	4.7	1.1
754	5/14/2015 08:46:11	11.90	51.22	33.54	7.07	7.88	3.8	3.281	80.8	3.3	0.8
755	5/14/2015 09:01:11	11.85	51.28	33.58	7.12	7.88	4.0	3.283	81.3	3.1	0.7
756	5/14/2015 09:16:11	12.13	51.29	33.60	7.21	7.89	3.9	3.260	82.9	3.5	0.8
757	5/14/2015 09:31:11	12.11	51.31	33.62	7.22	7.88	4.5	3.202	83.0	2.8	0.7
758	5/14/2015 09:46:11	12.36	51.09	33.47	7.35	7.90	5.3	3.138	84.8	3.8	0.9
759	5/14/2015 10:01:11	13.34	51.10	33.52	7.78	7.94	6.0	3.062	91.7	3.6	0.8
760	5/14/2015 10:16:11	13.62	51.11	33.53	7.98	7.95	7.6	2.977	94.5	4.2	1.0
761	5/14/2015 10:31:11	14.04	51.10	33.54	8.07	7.97	7.7	2.891	96.5	4.0	0.9
762	5/14/2015 10:46:11	14.35	51.03	33.50	8.19	7.98	6.2	2.795	98.4	2.9	0.7
763	5/14/2015 11:01:11	14.54	50.96	33.46	8.30	7.99	6.3	2.703	100.1	3.6	0.8
764	5/14/2015 11:16:11	14.81	50.98	33.48	8.31	8.00	6.5	2.617	100.8	3.1	0.7
765	5/14/2015 11:31:11	15.22	50.93	33.45	8.45	8.02	6.4	2.517	103.3	3.1	0.7
766	5/14/2015 11:46:11	15.56	50.98	33.49	8.61	8.04	6.4	2.435	106.0	3.6	0.8
767	5/14/2015 12:01:11	15.73	50.78	33.35	8.84	8.05	6.2	2.342	109.1	3.0	0.7
768	5/14/2015 12:16:11	15.88	50.85	33.40	9.05	8.06	5.7	2.235	112.1	3.0	0.7
769	5/14/2015 12:31:11	15.89	50.93	33.46	9.13	8.07	5.2	2.147	113.1	3.2	0.8
770	5/14/2015 12:46:11	16.07	50.93	33.47	9.26	8.08	5.7	2.057	115.2	3.5	0.8
771	5/14/2015 13:01:11	16.18	50.90	33.44	9.32	8.08	5.9	1.964	116.1	3.2	0.8
772	5/14/2015 13:16:10	16.25	50.98	33.51	9.28	8.09	5.4	1.884	115.9	3.2	0.7
773	5/14/2015 13:31:11	16.41	50.93	33.47	9.35	8.10	5.0	1.819	117.0	3.2	0.7
774	5/14/2015 13:46:11	16.57	50.99	33.52	9.37	8.11	4.4	1.780	117.7	3.4	0.8
775	5/14/2015 14:01:10	16.61	50.88	33.43	9.26	8.11	10.9	1.732	116.4	3.6	0.9
776	5/14/2015 14:16:11	16.76	50.97	33.51	9.27	8.12		1.710	116.9	3.9	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
777	5/14/2015 14:31:11	16.81	51.01	33.53	9.94	8.13	4.3	1.718	125.5	3.9	0.9
778	5/14/2015 14:46:11	16.87	50.87	33.43	9.71	8.13	10.3	1.736	122.6	3.9	0.9
779	5/14/2015 15:01:11	16.81	50.95	33.49	9.65	8.12	4.4	1.783	121.8	4.3	1.0
780	5/14/2015 15:16:11	16.96	50.82	33.40	9.40	8.12	4.4	1.821	118.8	4.4	1.0
781	5/14/2015 15:31:11	16.93	50.94	33.48	9.34	8.11	5.3	1.904	118.1	4.5	1.0
782	5/14/2015 15:46:11	16.82	50.92	33.47	9.28	8.10	5.4	1.992	117.1	5.0	1.2
783	5/14/2015 16:01:11	17.12	50.74	33.34	9.03	8.09	6.7	2.071	114.5	5.2	1.2
784	5/14/2015 16:16:11	16.73	50.93	33.48	9.20	8.08	6.2	2.156	115.8	4.6	1.1
785	5/14/2015 16:31:10	16.55	50.83	33.40	9.17	8.08	5.6	2.246	115.1	4.7	1.1
786	5/14/2015 16:46:11	16.35	50.86	33.42	9.04	8.07	5.3	2.341	113.0	4.3	1.0
787	5/14/2015 17:01:11	15.99	50.86	33.41	8.84	8.04	5.9	2.428	109.7	4.7	1.1
788	5/14/2015 17:16:11	15.41	50.96	33.47	8.51	8.01	5.6	2.508	104.5	4.6	1.1
789	5/14/2015 17:31:12	15.26	51.00	33.50	8.42	8.00	5.5	2.614	103.1	5.1	1.2
790	5/14/2015 17:46:12	15.11	51.01	33.50	8.37	7.99	7.2	2.697	102.2	5.0	1.2
791	5/14/2015 18:01:11	14.90	51.02	33.51	8.33	7.98	7.2	2.775	101.3	4.9	1.2
792	5/14/2015 18:16:12	14.53	50.92	33.42	8.28	7.97	8.3	2.877	99.9	5.0	1.2
793	5/14/2015 18:31:11	14.20	51.09	33.54	8.17	7.96	9.0	2.983	97.9	4.5	1.1
794	5/14/2015 18:46:11	13.61	51.04	33.48	8.20	7.95	11.7	3.097	97.1	5.9	1.4
795	5/14/2015 19:01:11	13.21	51.18	33.57	8.14	7.94	11.7	3.186	95.6	6.3	1.5
796	5/14/2015 19:16:11	12.60	51.06	33.46	8.13	7.94	12.8	3.292	94.3	8.0	1.9
797	5/14/2015 19:31:11	12.08	51.34	33.64	8.27	7.95	11.1	3.393	94.9	8.5	2.0
798	5/14/2015 19:46:12	11.84	51.40	33.67	8.46	7.96	10.5	3.484	96.7	10.7	2.5
799	5/14/2015 20:01:12	11.71	51.52	33.74	8.58	7.97	9.3	3.550	97.8	10.4	2.5
800	5/14/2015 20:16:11	11.58	51.54	33.76	8.61	7.98	7.0	3.633	97.9	10.9	2.6
801	5/14/2015 20:31:11	11.44	51.38	33.64	8.63	7.98	5.3	3.701	97.8	9.8	2.3
802	5/14/2015 20:46:11	11.36	51.52	33.73	8.68	7.99	4.8	3.738	98.2	13.1	3.1
803	5/14/2015 21:01:11	11.30	51.50	33.71	8.73	7.99	4.8	3.761	98.7	12.8	3.0
804	5/14/2015 21:16:11	11.53	51.40	33.65	8.55	7.98	3.9	3.781	97.0	10.0	2.4
805	5/14/2015 21:31:11	11.58	51.51	33.73	8.55	7.98	5.3	3.759	97.2	8.9	2.1
806	5/14/2015 21:46:11	11.60	51.38	33.64	8.53	7.98	5.0	3.714	97.0	8.5	2.0
807	5/14/2015 22:01:11	11.86	51.41	33.67	8.31	7.96	7.4	3.638	95.0	9.7	2.3
808	5/14/2015 22:16:11	11.76	51.47	33.72	8.30	7.96	6.7	3.551	94.8	9.2	2.2
809	5/14/2015 22:31:11	11.74	51.38	33.65	8.39	7.97	5.7	3.454	95.7	8.4	2.0
810	5/14/2015 22:46:11	12.93	51.24	33.60	8.22	7.98	6.9	3.341	96.1	7.2	1.7
811	5/14/2015 23:01:11	13.57	51.23	33.62	8.21	7.98	8.6	3.225	97.3	5.9	1.4
812	5/14/2015 23:16:11	13.70	51.10	33.53	8.30	7.99	9.9	3.126	98.5	6.9	1.6
813	5/14/2015 23:31:11	13.80	51.17	33.58	8.20	7.98	8.6	3.003	97.5	5.9	1.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
814	5/14/2015 23:46:11	14.16	51.09	33.53	8.19	7.99	7.9	2.887	98.0	5.2	1.2
815	5/15/2015 00:01:11	14.28	50.98	33.46	8.20	7.99	7.5	2.772	98.5	5.0	1.2
816	5/15/2015 00:16:10	15.14	50.95	33.46	8.02	8.00	8.7	2.653	97.9	4.5	1.1
817	5/15/2015 00:31:11	13.87	51.14	33.56	8.03	7.95	8.8	2.526	95.7	5.7	1.3
818	5/15/2015 00:46:11	14.16	51.17	33.59	7.95	7.97	9.2	2.406	95.3	5.0	1.2
819	5/15/2015 01:01:11	14.94	51.04	33.52	8.10	8.01	10.7	2.273	98.6	5.3	1.2
820	5/15/2015 01:16:10	14.69	51.02	33.50	8.09	8.00	9.8	2.151	97.9	5.9	1.4
821	5/15/2015 01:31:11	14.99	51.02	33.51	8.09	8.01	10.9	2.013	98.5	5.0	1.2
822	5/15/2015 01:46:11	15.56	51.05	33.55	8.38	8.04	11.7	1.904	103.3	5.0	1.2
823	5/15/2015 02:01:11	15.67	51.03	33.53	8.38	8.05	10.4	1.787	103.4	4.5	1.1
824	5/15/2015 02:16:11	15.94	50.96	33.48	8.34	8.06	10.6	1.670	103.5	4.7	1.1
825	5/15/2015 02:31:11	16.27	51.00	33.52	8.61	8.08	11.1	1.574	107.6	4.2	1.0
826	5/15/2015 02:46:11	16.51	51.06	33.57	8.72	8.10	9.9	1.500	109.4	4.0	0.9
827	5/15/2015 03:01:10	16.81	50.88	33.44	8.82	8.12	10.5	1.453	111.3	4.6	1.1
828	5/15/2015 03:16:11	16.86	51.04	33.56	8.68	8.11	8.7	1.418	109.7	4.2	1.0
829	5/15/2015 03:31:11	17.06	51.02	33.55	8.51	8.12	8.4	1.425	107.9	4.3	1.0
830	5/15/2015 03:46:10	17.11	51.00	33.53	8.95	8.14	8.3	1.462	113.6	4.3	1.0
831	5/15/2015 04:01:10	16.92	50.97	33.51	8.92	8.12	8.1	1.506	112.8	4.4	1.0
832	5/15/2015 04:16:11	17.02	51.07	33.58	8.89	8.12	8.4	1.588	112.7	4.0	0.9
833	5/15/2015 04:31:10	16.94	51.02	33.54	8.86	8.12	10.1	1.672	112.1	3.9	0.9
834	5/15/2015 04:46:10	16.99	50.67	33.29	8.13	8.06	11.6	1.756	102.8	4.3	1.0
835	5/15/2015 05:01:11	16.92	50.84	33.41	8.12	8.06	12.3	1.857	102.7	4.1	1.0
836	5/15/2015 05:16:10	16.70	50.87	33.43	8.28	8.06	10.4	1.945	104.2	4.1	1.0
837	5/15/2015 05:31:10	16.56	50.87	33.43	8.27	8.06	9.2	2.038	103.8	4.1	1.0
838	5/15/2015 05:46:11	16.36	51.00	33.52	8.27	8.05	8.7	2.123	103.5	4.1	1.0
839	5/15/2015 06:01:10	15.92	50.91	33.44	8.19	8.03	7.4	2.208	101.5	4.0	0.9
840	5/15/2015 06:16:11	15.60	50.99	33.50	8.13	8.01	6.9	2.307	100.2	4.1	1.0
841	5/15/2015 06:31:11	15.32	50.99	33.49	8.08	7.99	6.8	2.383	99.0	3.7	0.9
842	5/15/2015 06:46:11	15.22	51.04	33.53	8.06	7.99	6.8	2.479	98.6	3.7	0.9
843	5/15/2015 07:01:11	15.03	51.11	33.57	8.06	7.98	6.8	2.572	98.2	3.8	0.9
844	5/15/2015 07:16:11	14.83	50.91	33.43	8.04	7.98	7.0	2.653	97.6	3.9	0.9
845	5/15/2015 07:31:11	14.59	51.06	33.53	8.00	7.97	7.6	2.745	96.7	4.3	1.0
846	5/15/2015 07:46:11	14.41	51.04	33.50	7.99	7.97	7.7	2.820	96.1	4.6	1.1
847	5/15/2015 08:01:11	14.11	51.09	33.53	8.00	7.96	9.5	2.895	95.8	5.0	1.2
848	5/15/2015 08:16:10	13.84	50.86	33.36	8.03	7.96	9.5	2.982	95.5	5.4	1.3
849	5/15/2015 08:31:11	13.55	51.16	33.57	8.06	7.96	8.6	3.061	95.4	4.9	1.2
850	5/15/2015 08:46:11	13.03	51.26	33.62	8.13	7.96	8.2	3.126	95.2	7.4	1.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
851	5/15/2015 09:01:11	12.63	51.22	33.57	8.21	7.96	8.6	3.187	95.4	7.9	1.8
852	5/15/2015 09:16:11	12.47	51.35	33.66	8.27	7.97	6.7	3.253	95.7	7.2	1.7
853	5/15/2015 09:31:11	12.29	51.34	33.65	8.36	7.97	5.3	3.290	96.5	8.3	2.0
854	5/15/2015 09:46:11	12.26	51.29	33.61	8.33	7.98	3.5	3.321	96.0	9.7	2.3
855	5/15/2015 10:01:11	12.30	51.28	33.61	8.11	7.97	4.3	3.322	93.6	8.5	2.0
856	5/15/2015 10:16:11	12.52	51.20	33.56	8.20	7.97	4.8	3.311	95.0	6.2	1.5
857	5/15/2015 10:31:11	12.38	51.31	33.63	8.29	7.97	4.9	3.268	95.8	5.6	1.3
858	5/15/2015 10:46:11	12.49	51.34	33.66	8.31	7.97	5.4	3.201	96.3	6.3	1.5
859	5/15/2015 11:01:11	13.23	51.25	33.62	8.48	7.99	7.1	3.123	99.7	7.0	1.7
860	5/15/2015 11:16:11	13.74	51.15	33.57	8.74	8.01	6.4	3.044	103.8	5.9	1.4
861	5/15/2015 11:31:11	14.07	51.07	33.52	8.77	8.02	8.1	2.947	104.9	6.8	1.6
862	5/15/2015 11:46:11	14.39	51.01	33.49	8.72	8.02	7.5	2.848	104.8	5.5	1.3
863	5/15/2015 12:01:11	14.71	51.10	33.56	8.81	8.04	7.7	2.747	106.8	5.5	1.3
864	5/15/2015 12:16:11	15.19	50.99	33.49	8.77	8.04	9.4	2.653	107.2	4.6	1.1
865	5/15/2015 12:31:11	15.63	51.09	33.57	8.64	8.04	9.1	2.560	106.6	4.8	1.1
866	5/15/2015 12:46:11	16.01	51.00	33.52	8.80	8.06	9.8	2.473	109.3	4.0	0.9
867	5/15/2015 13:01:11	16.24	51.08	33.58	9.08	8.08	9.1	2.369	113.3	3.7	0.9
868	5/15/2015 13:16:11	16.25	50.92	33.46	9.26	8.09	7.8	2.284	115.6	4.3	1.0
869	5/15/2015 13:31:11	16.31	50.98	33.51	9.31	8.09	7.8	2.189	116.3	4.2	1.0
870	5/15/2015 13:46:11	16.54	51.09	33.59	9.28	8.10	8.4	2.089	116.6	4.3	1.0
871	5/15/2015 14:01:11	16.66	51.09	33.59	9.33	8.10	7.2	2.015	117.5	4.2	1.0
872	5/15/2015 14:16:11	16.77	51.05	33.57	9.36	8.11	7.0	1.939	118.1	3.8	0.9
873	5/15/2015 14:31:11	16.89	51.08	33.59	9.35	8.11	6.8	1.866	118.3	3.7	0.9
874	5/15/2015 14:46:11	17.15	51.05	33.57	9.16	8.11	6.7	1.821	116.4	3.6	0.8
875	5/15/2015 15:01:10	17.10	50.97	33.51	9.21	8.12	4.8	1.816	116.8	3.7	0.9
876	5/15/2015 15:16:10	17.12	51.01	33.54	9.79	8.15	5.6	1.791	124.3	4.2	1.0
877	5/15/2015 15:31:10	17.19	50.96	33.50	9.59	8.13	5.9	1.804	122.0	5.3	1.2
878	5/15/2015 15:46:11	17.32	51.05	33.57	9.45	8.13	5.6	1.845	120.5	4.5	1.1
879	5/15/2015 16:01:11	17.31	51.06	33.58	9.29	8.12	5.6	1.912	118.5	4.8	1.1
880	5/15/2015 16:16:11	17.55	50.94	33.50	9.02	8.11	6.7	1.969	115.4	5.2	1.2
881	5/15/2015 16:31:11	17.38	51.02	33.55	9.10	8.11	6.0	2.054	116.1	5.5	1.3
882	5/15/2015 16:46:11	17.54	50.88	33.45	8.97	8.10	7.4	2.151	114.7	5.3	1.2
883	5/15/2015 17:01:11	17.16	51.05	33.57	9.10	8.10	7.9	2.243	115.7	5.3	1.2
884	5/15/2015 17:16:11	16.97	51.00	33.53	9.14	8.09	7.3	2.337	115.7	5.4	1.3
885	5/15/2015 17:31:11	16.84	50.82	33.39	9.09	8.09	6.5	2.420	114.7	4.4	1.0
886	5/15/2015 17:46:11	16.10	50.90	33.44	8.86	8.05	7.2	2.523	110.2	5.2	1.2
887	5/15/2015 18:01:11	15.66	51.03	33.53	8.66	8.02	7.0	2.604	106.9	5.7	1.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
888	5/15/2015 18:16:11	15.42	50.99	33.50	8.57	8.01	7.0	2.698	105.3	6.0	1.4
889	5/15/2015 18:31:11	15.26	51.10	33.57	8.55	8.01	7.8	2.794	104.7	5.9	1.4
890	5/15/2015 18:46:12	15.03	51.11	33.57	8.62	8.01	7.9	2.882	105.1	6.6	1.6
891	5/15/2015 19:01:11	14.66	51.02	33.50	8.68	8.01	9.5	2.987	104.9	7.0	1.6
892	5/15/2015 19:16:11	14.27	51.15	33.58	8.85	8.02	11.0	3.113	106.3	8.2	1.9
893	5/15/2015 19:31:11	13.67	51.27	33.65	9.16	8.03	13.3	3.216	108.7	10.1	2.4
894	5/15/2015 19:46:11	13.10	51.20	33.58	9.41	8.05	13.0	3.323	110.3	12.5	2.9
895	5/15/2015 20:01:11	12.74	51.38	33.69	9.75	8.07	13.2	3.427	113.6	16.4	3.9
896	5/15/2015 20:16:11	12.39	51.40	33.69	10.26	8.10	12.3	3.530	118.6	19.7	4.6
897	5/15/2015 20:31:11	12.21	51.35	33.65	10.53	8.12	11.2	3.621	121.3	20.4	4.8
898	5/15/2015 20:46:11	11.69	51.45	33.69	10.34	8.11	10.8	3.709	117.8	21.5	5.1
899	5/15/2015 21:01:11	11.24	51.35	33.60	9.90	8.08	8.3	3.776	111.7	19.4	4.6
900	5/15/2015 21:16:11	10.80	51.54	33.71	9.37	8.05	7.2	3.842	104.7	22.8	5.4
901	5/15/2015 21:31:11	10.63	51.44	33.62	9.15	8.04	4.0	3.885	101.9	20.6	4.8
902	5/15/2015 21:46:11	10.55	51.54	33.70	8.96	8.03	3.7	3.904	99.6	21.7	5.1
903	5/15/2015 22:01:12	10.94	51.48	33.67	9.00	8.04	4.8	3.908	100.9	16.2	3.8
904	5/15/2015 22:16:11	11.01	51.52	33.71	9.19	8.05	5.4	3.887	103.2	16.1	3.8
905	5/15/2015 22:31:11	10.86	51.41	33.62	9.05	8.04	5.0	3.828	101.3	15.2	3.6
906	5/15/2015 22:46:11	11.52	51.49	33.71	9.41	8.07	6.4	3.753	106.8	16.9	4.0
907	5/15/2015 23:01:11	11.58	51.52	33.74	9.77	8.09	8.9	3.646	111.1	18.7	4.4
908	5/15/2015 23:16:11	11.80	51.34	33.62	9.88	8.10	8.3	3.541	112.7	20.0	4.7
909	5/15/2015 23:31:11	13.38	51.29	33.65	9.24	8.07	9.3	3.426	109.0	12.3	2.9
910	5/15/2015 23:46:11	13.67	51.21	33.61	9.14	8.07	10.7	3.300	108.4	11.2	2.6
911	5/16/2015 00:01:11	13.73	51.23	33.63	9.12	8.07	11.9	3.160	108.3	11.0	2.6
912	5/16/2015 00:16:11	13.97	51.27	33.66	8.87	8.05	10.9	3.041	105.9	9.9	2.3
913	5/16/2015 00:31:11	14.02	51.18	33.60	8.89	8.05	9.8	2.912	106.2	9.9	2.3
914	5/16/2015 00:46:11	14.28	51.17	33.60	8.75	8.05	9.7	2.787	105.1	9.7	2.3
915	5/16/2015 01:01:11	15.45	51.12	33.60	8.35	8.05	10.9	2.645	102.6	6.1	1.4
916	5/16/2015 01:16:11	14.69	51.05	33.53	8.41	8.03	10.8	2.516	101.9	7.6	1.8
917	5/16/2015 01:31:11	14.64	51.19	33.62	8.46	8.03	10.9	2.384	102.3	7.4	1.7
918	5/16/2015 01:46:11	15.04	51.16	33.62	8.45	8.05	12.8	2.231	103.1	7.1	1.7
919	5/16/2015 02:01:11	15.02	51.17	33.62	8.37	8.04	11.9	2.083	102.0	7.5	1.8
920	5/16/2015 02:16:11	15.63	51.18	33.64	8.16	8.05	13.3	1.945	100.7	6.0	1.4
921	5/16/2015 02:31:10	15.84	51.00	33.52	8.04	8.04	12.6	1.811	99.5	5.2	1.2
922	5/16/2015 02:46:10	16.04	51.13	33.61	7.99	8.05	12.6	1.671	99.4	5.1	1.2
923	5/16/2015 03:01:11	16.30	51.08	33.58	7.97	8.05	13.3	1.540	99.6	8.5	2.0
924	5/16/2015 03:16:11	16.14	51.13	33.62	7.91	8.04	11.1	1.431	98.6	5.1	1.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
925	5/16/2015 03:31:11	16.27	51.10	33.59	7.87	8.05	10.3	1.334	98.3	4.7	1.1
926	5/16/2015 03:46:11	16.31	51.16	33.64	7.78	8.04	9.9	1.262	97.3	4.4	1.0
927	5/16/2015 04:01:10	16.53	51.03	33.55	7.75	8.06	10.2	1.222	97.2	4.4	1.0
928	5/16/2015 04:16:11	16.65	51.19	33.66	7.63	8.06	9.3	1.218	96.0	4.6	1.1
929	5/16/2015 04:31:11	16.87	51.11	33.61	7.95	8.09	11.1	1.278	100.4	4.8	1.1
930	5/16/2015 04:46:11	16.88	51.06	33.57	7.99	8.09	9.8	1.326	101.0	4.3	1.0
931	5/16/2015 05:01:11	17.25	50.96	33.51	8.11	8.12	10.4	1.390	103.2	4.3	1.0
932	5/16/2015 05:16:10	17.21	51.11	33.61	8.11	8.12	10.1	1.500	103.2	4.0	0.9
933	5/16/2015 05:31:11	17.12	50.85	33.42	7.67	8.07	12.6	1.581	97.3	4.3	1.0
934	5/16/2015 05:46:11	17.11	50.67	33.29	7.40	8.05	12.8	1.664	93.8	4.0	0.9
935	5/16/2015 06:01:10	17.01	50.97	33.51	7.74	8.07	12.0	1.753	98.0	4.2	1.0
936	5/16/2015 06:16:11	16.86	50.95	33.49	7.75	8.06	10.4	1.854	97.9	3.9	0.9
937	5/16/2015 06:31:11	16.69	50.94	33.48	7.78	8.06	9.3	1.950	97.9	4.1	1.0
938	5/16/2015 06:46:11	16.61	51.03	33.55	7.80	8.05	8.6	2.038	98.1	3.8	0.9
939	5/16/2015 07:01:10	16.21	51.03	33.54	7.88	8.04	9.2	2.140	98.3	4.4	1.0
940	5/16/2015 07:16:11	15.71	50.98	33.50	8.02	8.02	8.6	2.242	99.1	5.7	1.3
941	5/16/2015 07:31:11	15.55	51.01	33.52	8.05	8.01	8.0	2.355	99.2	4.7	1.1
942	5/16/2015 07:46:11	15.30	50.95	33.47	8.12	8.01	9.4	2.447	99.4	5.2	1.2
943	5/16/2015 08:01:11	15.09	51.07	33.55	8.21	8.01	9.3	2.562	100.2	5.8	1.4
944	5/16/2015 08:16:11	14.96	51.04	33.52	8.26	8.01	9.3	2.670	100.5	5.7	1.3
945	5/16/2015 08:31:12	14.85	51.00	33.49	8.28	8.01	9.8	2.769	100.5	5.8	1.4
946	5/16/2015 08:46:11	14.55	51.07	33.53	8.37	8.02	12.8	2.850	101.0	6.6	1.6
947	5/16/2015 09:01:11	14.20	50.96	33.44	8.51	8.02	11.7	2.945	101.9	7.6	1.8
948	5/16/2015 09:16:11	13.85	51.11	33.54	8.58	8.02	12.3	3.025	102.1	8.6	2.0
949	5/16/2015 09:31:11	13.04	51.09	33.50	8.68	8.02	11.4	3.109	101.6	9.8	2.3
950	5/16/2015 09:46:11	12.70	51.21	33.57	8.75	8.02	10.9	3.185	101.8	11.7	2.7
951	5/16/2015 10:01:11	12.49	51.23	33.58	8.82	8.03	10.9	3.248	102.1	11.2	2.6
952	5/16/2015 10:16:11	12.34	51.15	33.51	8.80	8.03	10.0	3.323	101.5	12.1	2.8
953	5/16/2015 10:31:11	12.05	51.29	33.60	8.71	8.02	7.7	3.363	100.0	12.2	2.9
954	5/16/2015 10:46:11	11.81	51.32	33.61	8.54	8.01	4.8	3.388	97.5	12.4	2.9
955	5/16/2015 11:01:11	11.78	51.35	33.63	8.46	8.01	3.6	3.408	96.5	11.7	2.8
956	5/16/2015 11:16:11	11.94	51.37	33.65	8.47	8.01	6.4	3.388	97.0	10.2	2.4
957	5/16/2015 11:31:11	12.09	51.26	33.58	8.60	8.02	6.1	3.356	98.7	10.1	2.4
958	5/16/2015 11:46:11	12.31	51.34	33.65	8.67	8.03	6.7	3.289	100.1	8.9	2.1
959	5/16/2015 12:01:11	12.80	51.30	33.64	8.98	8.05	9.9	3.196	104.6	10.1	2.4
960	5/16/2015 12:16:11	13.44	51.28	33.65	9.44	8.08	6.8	3.110	111.5	9.7	2.3
961	5/16/2015 12:31:11	13.81	51.04	33.49	9.59	8.10	7.1	3.012	114.1	9.7	2.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
962	5/16/2015 12:46:11	14.58	51.08	33.54	9.39	8.09	10.0	2.910	113.4	8.4	2.0
963	5/16/2015 13:01:11	15.05	51.05	33.53	9.28	8.09	11.0	2.800	113.1	7.8	1.8
964	5/16/2015 13:16:10	15.37	50.99	33.49	9.28	8.10	9.0	2.707	113.8	7.7	1.8
965	5/16/2015 13:31:11	15.68	51.01	33.51	9.23	8.10	10.0	2.619	113.9	6.5	1.5
966	5/16/2015 13:46:11	16.10	51.06	33.56	9.23	8.11	41.2	2.515	114.9	4.9	1.2
967	5/16/2015 14:01:11	16.21	51.09	33.59	9.41	8.12	31.9	2.425	117.4	5.6	1.3
968	5/16/2015 14:16:11	16.21	51.09	33.58	9.46	8.12	9.1	2.335	118.0	4.9	1.2
969	5/16/2015 14:31:11	16.21	50.99	33.51	9.38	8.13	9.8	2.240	117.0	5.8	1.4
970	5/16/2015 14:46:11	16.28	51.06	33.57	9.84	8.16	16.6	2.152	122.9	7.4	1.7
971	5/16/2015 15:01:10	16.49	51.06	33.57	9.68	8.15	7.6	2.066	121.5	6.6	1.6
972	5/16/2015 15:16:10	16.69	51.02	33.54	9.56	8.14	7.6	2.004	120.4	6.3	1.5
973	5/16/2015 15:31:11	16.79	51.01	33.54	9.45	8.15	6.8	1.943	119.3	5.8	1.4
974	5/16/2015 15:46:11	16.87	51.08	33.59	9.70	8.17	6.2	1.908	122.6	5.6	1.3
975	5/16/2015 16:01:10	16.96	50.95	33.50	9.43	8.16	36.9	1.894	119.3	5.0	1.2
976	5/16/2015 16:16:11	16.94	51.11	33.61	9.47	8.16	6.7	1.894	119.9	6.0	1.4
977	5/16/2015 16:31:11	17.22	51.00	33.53	9.09	8.13	7.4	1.928	115.7	5.2	1.2
978	5/16/2015 16:46:10	17.30	50.96	33.51	8.95	8.12	6.1	1.987	114.0	6.0	1.4
979	5/16/2015 17:01:10	17.44	50.78	33.37	8.68	8.11	7.4	2.048	110.8	4.7	1.1
980	5/16/2015 17:16:10	17.22	51.08	33.59	8.90	8.11	6.4	2.131	113.2	5.6	1.3
981	5/16/2015 17:31:10	17.27	51.01	33.54	8.89	8.11	8.3	2.231	113.2	5.9	1.4
982	5/16/2015 17:46:10	17.09	51.07	33.59	9.04	8.11	9.4	2.322	114.7	6.2	1.5
983	5/16/2015 18:01:10	16.82	51.02	33.54	9.19	8.11	7.6	2.418	116.0	6.7	1.6
984	5/16/2015 18:16:10	16.63	50.86	33.42	9.12	8.10	8.4	2.502	114.7	6.3	1.5
985	5/16/2015 18:31:11	15.75	51.05	33.55	9.12	8.08	8.7	2.607	112.7	7.8	1.8
986	5/16/2015 18:46:11	15.48	51.00	33.51	9.13	8.07	7.5	2.699	112.3	8.1	1.9
987	5/16/2015 19:01:11	15.20	50.97	33.48	9.10	8.07	8.3	2.784	111.3	8.6	2.0
988	5/16/2015 19:16:12	15.06	51.12	33.59	9.17	8.07	8.3	2.889	111.8	9.0	2.1
989	5/16/2015 19:31:11	14.74	51.06	33.53	9.26	8.07	9.9	2.988	112.2	9.8	2.3
990	5/16/2015 19:46:11	14.28	51.12	33.56	9.25	8.07	10.3	3.065	111.1	10.2	2.4
991	5/16/2015 20:01:11	13.73	51.20	33.60	9.41	8.07	12.1	3.174	111.8	11.2	2.6
992	5/16/2015 20:16:11	13.08	51.33	33.67	9.41	8.07	11.5	3.278	110.4	12.4	2.9
993	5/16/2015 20:31:11	12.41	51.28	33.61	9.39	8.06	11.8	3.393	108.5	14.5	3.4
994	5/16/2015 20:46:11	11.89	51.41	33.68	9.49	8.07	11.4	3.501	108.5	16.3	3.8
995	5/16/2015 21:01:11	11.62	51.36	33.63	9.66	8.08	12.2	3.616	109.8	20.9	4.9
996	5/16/2015 21:16:11	11.35	51.41	33.65	9.72	8.08	9.2	3.707	109.9	22.0	5.2
997	5/16/2015 21:31:11	10.97	51.53	33.71	9.49	8.07	9.2	3.794	106.5	21.9	5.2
998	5/16/2015 21:46:11	10.76	51.48	33.67	9.33	8.06	7.2	3.863	104.2	20.2	4.8

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	Fluorescence %FS
999	5/16/2015 22:01:11	10.59	51.61	33.75	9.23	8.05	5.1	3.923	102.8	20.4	4.8
1000	5/16/2015 22:16:11	10.54	51.59	33.73	9.16	8.05	5.7	3.965	101.9	20.5	4.8
1001	5/16/2015 22:31:11	10.48	51.54	33.69	9.04	8.05	4.0	3.983	100.3	20.9	4.9
1002	5/16/2015 22:46:11	10.70	51.32	33.55	8.98	8.04	5.0	3.985	100.1	16.7	3.9
1003	5/16/2015 23:01:11	10.67	51.53	33.69	9.09	8.05	5.3	3.949	101.4	17.4	4.1
1004	5/16/2015 23:16:11	10.94	51.36	33.59	9.11	8.05	6.0	3.895	102.1	15.0	3.5
1005	5/16/2015 23:31:11	11.21	51.41	33.64	9.19	8.06	7.5	3.812	103.6	18.4	4.3
1006	5/16/2015 23:46:12	11.16	51.47	33.68	9.06	8.05	7.3	3.705	102.1	16.5	3.9
1007	5/17/2015 00:01:11	11.14	51.39	33.62	9.00	8.05	5.3	3.594	101.4	15.3	3.6
1008	5/17/2015 00:16:11	12.52	51.36	33.67	8.99	8.07	8.7	3.474	104.2	13.9	3.3
1009	5/17/2015 00:31:11	13.11	51.20	33.58	8.99	8.07	9.8	3.347	105.5	12.4	2.9
1010	5/17/2015 00:46:11	13.22	51.14	33.54	8.96	8.07	11.1	3.213	105.3	11.8	2.8
1011	5/17/2015 01:01:11	13.85	51.19	33.60	8.88	8.07	9.8	3.073	105.7	10.4	2.4
1012	5/17/2015 01:16:10	13.95	51.19	33.60	8.85	8.07	8.8	2.954	105.6	9.8	2.3
1013	5/17/2015 01:31:11	14.59	51.16	33.60	8.69	8.07	11.2	2.805	105.0	8.3	1.9
1014	5/17/2015 01:46:11	14.65	51.02	33.50	8.48	8.06	11.0	2.666	102.5	8.1	1.9
1015	5/17/2015 02:01:11	13.99	51.21	33.62	8.61	8.05	84.3	2.517	102.8	8.9	2.1
1016	5/17/2015 02:16:11	14.45	51.01	33.49	8.49	8.06	12.8	2.363	102.3	9.4	2.2
1017	5/17/2015 02:31:10	14.90	51.10	33.57	8.36	8.06	12.5	2.228	101.6	8.0	1.9
1018	5/17/2015 02:46:11	14.89	51.22	33.65	8.36	8.06	13.6	2.069	101.7	7.3	1.7
1019	5/17/2015 03:01:11	14.90	51.16	33.61	8.24	8.05	13.2	1.913	100.2	7.0	1.6
1020	5/17/2015 03:16:10	15.44	51.10	33.58	8.11	8.05	13.3	1.757	99.7	6.9	1.6
1021	5/17/2015 03:31:10	15.68	50.99	33.50	8.06	8.05	13.1	1.604	99.5	5.7	1.3
1022	5/17/2015 03:46:11	15.85	51.09	33.58	8.03	8.05	11.5	1.459	99.5	6.2	1.5
1023	5/17/2015 04:01:11	16.02	51.09	33.59	7.98	8.05	11.4	1.323	99.2	5.2	1.2
1024	5/17/2015 04:16:11	16.02	51.09	33.58	7.90	8.04	11.2	1.208	98.2	4.9	1.2
1025	5/17/2015 04:31:11	16.10	51.10	33.59	7.83	8.04	10.8	1.117	97.5	5.3	1.2
1026	5/17/2015 04:46:11	16.34	50.93	33.47	7.64	8.04	12.2	1.053	95.5	5.4	1.3
1027	5/17/2015 05:01:11	16.57	51.05	33.56	7.69	8.04	10.8	1.062	96.6	4.5	1.1
1028	5/17/2015 05:16:11	16.92	51.05	33.56	7.58	8.05	11.1	1.111	95.9	4.2	1.0
1029	5/17/2015 05:31:11	16.70	51.20	33.67	7.72	8.05	11.2	1.199	97.3	4.3	1.0
1030	5/17/2015 05:46:10	16.98	51.12	33.62	7.70	8.07	12.4	1.294	97.6	3.9	0.9
1031	5/17/2015 06:01:10	16.90	51.02	33.55	7.80	8.07	11.9	1.398	98.6	4.0	0.9
1032	5/17/2015 06:16:11	16.78	50.84	33.41	7.43	8.04	13.5	1.474	93.7	4.0	0.9
1033	5/17/2015 06:31:11	16.78	50.72	33.32	7.29	8.03	13.9	1.570	91.9	4.2	1.0
1034	5/17/2015 06:46:10	16.73	50.73	33.33	7.42	8.04	13.8	1.657	93.4	4.6	1.1
1035	5/17/2015 07:01:10	16.55	50.95	33.49	7.63	8.04	13.0	1.754	95.8	4.4	1.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1036	5/17/2015 07:16:11	16.44	50.91	33.45	7.66	8.04	11.9	1.850	96.0	4.0	0.9
1037	5/17/2015 07:31:11	16.40	51.05	33.56	7.71	8.04	11.9	1.939	96.5	4.7	1.1
1038	5/17/2015 07:46:11	16.00	51.04	33.55	7.89	8.04	12.0	2.057	98.1	4.3	1.0
1039	5/17/2015 08:01:11	15.72	51.05	33.55	8.04	8.04	9.0	2.159	99.4	5.2	1.2
1040	5/17/2015 08:16:11	15.58	51.03	33.53	8.11	8.04	15.5	2.273	99.9	5.0	1.2
1041	5/17/2015 08:31:11	15.41	51.10	33.58	8.20	8.03	12.5	2.382	100.7	5.5	1.3
1042	5/17/2015 08:46:11	15.17	51.05	33.53	8.28	8.04	14.3	2.491	101.2	5.8	1.4
1043	5/17/2015 09:01:11	14.98	51.00	33.49	8.36	8.04	11.4	2.602	101.8	6.1	1.4
1044	5/17/2015 09:16:11	14.83	51.03	33.51	8.37	8.04	14.8	2.704	101.6	6.2	1.5
1045	5/17/2015 09:31:11	14.51	50.97	33.46	8.43	8.04	15.5	2.801	101.7	7.3	1.7
1046	5/17/2015 09:46:11	14.06	51.00	33.47	8.55	8.03	13.9	2.898	102.2	8.3	2.0
1047	5/17/2015 10:01:11	13.31	51.16	33.56	8.56	8.03	15.1	2.975	100.8	9.2	2.2
1048	5/17/2015 10:16:11	12.82	51.13	33.52	8.55	8.02	20.9	3.059	99.6	10.8	2.5
1049	5/17/2015 10:31:11	12.39	51.30	33.62	8.57	8.03	19.1	3.164	99.0	12.0	2.8
1050	5/17/2015 10:46:11	12.15	51.27	33.59	8.61	8.03	34.6	3.233	99.0	11.9	2.8
1051	5/17/2015 11:01:12	11.96	51.27	33.58	8.61	8.03	22.2	3.310	98.6	14.1	3.3
1052	5/17/2015 11:16:11	11.69	51.35	33.63	8.61	8.03	11.0	3.379	98.0	13.8	3.2
1053	5/17/2015 11:31:11	11.35	51.38	33.62	8.66	8.03	9.8	3.421	97.9	15.5	3.7
1054	5/17/2015 11:46:11	11.48	51.19	33.49	8.65	8.04	12.2	3.449	98.0	17.5	4.1
1055	5/17/2015 12:01:11	11.43	51.32	33.59	8.45	8.03	5.0	3.453	95.6	11.9	2.8
1056	5/17/2015 12:16:11	11.42	51.19	33.49	8.53	8.02	12.4	3.435	96.5	11.2	2.6
1057	5/17/2015 12:31:11	11.49	51.34	33.60	8.57	8.03	46.9	3.378	97.2	10.3	2.4
1058	5/17/2015 12:46:12	12.00	51.37	33.66	8.67	8.04	68.4	3.308	99.3	9.7	2.3
1059	5/17/2015 13:01:11	12.42	51.29	33.62	8.95	8.06	123.7	3.238	103.5	12.6	3.0
1060	5/17/2015 13:16:11	12.80	51.24	33.60	9.35	8.09	7.6	3.129	109.0	12.0	2.8
1061	5/17/2015 13:31:11	13.61	51.19	33.59	9.42	8.10	8.4	3.034	111.6	9.5	2.2
1062	5/17/2015 13:46:11	14.21	51.03	33.50	9.27	8.10	9.0	2.938	111.2	8.5	2.0
1063	5/17/2015 14:01:11	14.56	51.02	33.50	9.30	8.10	8.6	2.834	112.3	7.9	1.9
1064	5/17/2015 14:16:11	14.76	50.95	33.45	9.24	8.10	8.1	2.752	112.0	7.6	1.8
1065	5/17/2015 14:31:11	15.37	51.10	33.58	9.32	8.12	11.2	2.644	114.4	6.7	1.6
1066	5/17/2015 14:46:10	15.57	51.13	33.60	9.45	8.12	8.7	2.559	116.4	6.6	1.5
1067	5/17/2015 15:01:11	15.69	51.04	33.54	9.54	8.13	7.9	2.476	117.8	6.2	1.5
1068	5/17/2015 15:16:10	15.63	51.03	33.53	9.67	8.14	7.5	2.387	119.3	7.7	1.8
1069	5/17/2015 15:31:11	15.77	51.08	33.57	9.37	8.13	8.0	2.308	116.0	6.5	1.5
1070	5/17/2015 15:46:11	15.82	51.14	33.61	9.84	8.16	7.5	2.221	121.9	7.3	1.7
1071	5/17/2015 16:01:11	16.08	50.99	33.51	9.45	8.14	7.3	2.157	117.5	6.9	1.6
1072	5/17/2015 16:16:11	16.24	51.08	33.58	9.33	8.13	7.9	2.106	116.5	6.9	1.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1073	5/17/2015 16:31:11	16.35	51.16	33.64	9.52	8.15	7.8	2.051	119.2	7.3	1.7
1074	5/17/2015 16:46:10	16.46	51.09	33.59	9.50	8.15	7.2	2.016	119.1	6.8	1.6
1075	5/17/2015 17:01:10	16.48	51.04	33.55	9.50	8.17	6.1	2.031	119.2	7.0	1.6
1076	5/17/2015 17:16:11	16.31	50.87	33.43	10.01	8.17	6.0	2.047	125.0	6.6	1.6
1077	5/17/2015 17:31:10	16.59	50.98	33.51	9.23	8.13	5.7	2.068	116.0	6.0	1.4
1078	5/17/2015 17:46:10	16.64	51.00	33.53	9.11	8.12	6.4	2.131	114.6	6.2	1.5
1079	5/17/2015 18:01:10	16.79	51.06	33.57	8.87	8.11	7.6	2.210	112.0	5.9	1.4
1080	5/17/2015 18:16:10	16.62	51.04	33.55	8.96	8.11	7.2	2.298	112.7	6.4	1.5
1081	5/17/2015 18:31:10	16.62	50.76	33.35	9.07	8.11	8.6	2.393	113.9	6.3	1.5
1082	5/17/2015 18:46:11	16.16	51.05	33.55	9.38	8.12	11.7	2.479	116.9	7.9	1.9
1083	5/17/2015 19:01:11	16.02	51.09	33.58	9.41	8.12	8.9	2.579	117.0	7.3	1.7
1084	5/17/2015 19:16:11	15.31	51.00	33.50	9.30	8.10	10.1	2.674	113.9	8.9	2.1
1085	5/17/2015 19:31:11	14.80	51.03	33.51	9.21	8.09	12.3	2.754	111.8	8.6	2.0
1086	5/17/2015 19:46:11	14.53	51.16	33.60	9.11	8.08	22.0	2.847	110.0	10.0	2.4
1087	5/17/2015 20:01:12	14.32	51.06	33.52	9.12	8.08	14.0	2.959	109.6	9.8	2.3
1088	5/17/2015 20:16:11	14.01	51.01	33.48	9.17	8.08	13.0	3.059	109.4	9.3	2.2
1089	5/17/2015 20:31:11	13.55	51.23	33.62	9.18	8.07	34.8	3.160	108.6	12.2	2.9
1090	5/17/2015 20:46:11	13.00	51.25	33.61	9.28	8.08	18.9	3.268	108.6	13.4	3.1
1091	5/17/2015 21:01:12	12.34	51.29	33.61	9.25	8.07	31.3	3.380	106.8	15.2	3.6
1092	5/17/2015 21:16:11	11.98	51.00	33.39	9.25	8.07	12.7	3.480	105.8	15.4	3.6
1093	5/17/2015 21:31:11	11.39	51.44	33.67	9.20	8.06	16.6	3.584	104.2	17.2	4.0
1094	5/17/2015 21:46:11	11.14	51.42	33.64	9.28	8.06	11.7	3.682	104.4	19.5	4.6
1095	5/17/2015 22:01:11	10.94	51.37	33.59	9.27	8.06	8.4	3.782	103.9	20.4	4.8
1096	5/17/2015 22:16:11	10.87	51.36	33.58	9.25	8.06	7.9	3.861	103.5	20.6	4.9
1097	5/17/2015 22:31:11	10.71	51.49	33.67	9.12	8.05	7.7	3.926	101.7	19.6	4.6
1098	5/17/2015 22:46:10	10.59	51.37	33.58	9.00	8.04	5.1	3.986	100.0	19.3	4.6
1099	5/17/2015 23:01:11	10.49	51.49	33.65	8.89	8.04	3.6	4.015	98.7	19.6	4.6
1100	5/17/2015 23:16:11	10.47	51.43	33.61	8.68	8.03	3.6	4.040	96.3	22.8	5.4
1101	5/17/2015 23:31:11	10.54	51.54	33.70	8.70	8.03	4.8	4.031	96.7	17.2	4.1
1102	5/17/2015 23:46:11	10.60	51.40	33.60	8.77	8.03	5.3	3.990	97.5	14.3	3.4
1103	5/18/2015 00:01:11	10.84	51.47	33.66	8.82	8.04	6.1	3.932	98.7	15.5	3.6
1104	5/18/2015 00:16:11	11.02	51.41	33.63	8.92	8.04	7.8	3.848	100.2	16.7	3.9
1105	5/18/2015 00:31:11	10.98	51.53	33.71	8.87	8.04	5.8	3.748	99.5	17.9	4.2
1106	5/18/2015 00:46:11	10.96	51.51	33.70	8.83	8.04	7.0	3.624	99.0	16.1	3.8
1107	5/18/2015 01:01:11	12.35	51.24	33.57	8.81	8.06	9.2	3.491	101.7	12.3	2.9
1108	5/18/2015 01:16:11	12.78	51.20	33.57	8.86	8.07	12.0	3.372	103.2	13.2	3.1
1109	5/18/2015 01:31:11	12.99	51.26	33.62	8.81	8.07	9.7	3.246	103.1	10.9	2.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1110	5/18/2015 01:46:11	13.06	51.22	33.60	8.80	8.07	10.1	3.097	103.1	10.5	2.5
1111	5/18/2015 02:01:11	13.37	51.19	33.58	8.73	8.07	10.4	2.963	102.9	10.6	2.5
1112	5/18/2015 02:16:11	13.77	51.11	33.54	8.57	8.06	9.9	2.825	101.8	8.6	2.0
1113	5/18/2015 02:31:11	13.79	51.13	33.55	8.45	8.05	10.8	2.684	100.5	9.6	2.3
1114	5/18/2015 02:46:11	13.11	51.23	33.60	8.59	8.05	10.8	2.531	100.8	10.2	2.4
1115	5/18/2015 03:01:11	13.91	51.22	33.62	8.45	8.06	13.3	2.381	100.8	9.0	2.1
1116	5/18/2015 03:16:11	14.10	51.28	33.67	8.34	8.05	13.9	2.208	99.8	8.7	2.0
1117	5/18/2015 03:31:11	14.85	51.07	33.54	8.16	8.06	14.0	2.067	99.2	7.2	1.7
1118	5/18/2015 03:46:11	14.93	51.19	33.63	8.15	8.06	13.7	1.919	99.2	6.7	1.6
1119	5/18/2015 04:01:11	15.11	51.06	33.54	8.07	8.05	13.7	1.738	98.6	6.3	1.5
1120	5/18/2015 04:16:10	15.20	51.00	33.50	8.03	8.05	13.6	1.586	98.2	7.1	1.7
1121	5/18/2015 04:31:10	15.37	51.14	33.61	8.00	8.05	13.5	1.437	98.2	6.4	1.5
1122	5/18/2015 04:46:11	15.55	51.10	33.58	7.92	8.05	14.5	1.295	97.6	6.4	1.5
1123	5/18/2015 05:01:10	15.51	51.20	33.65	7.89	8.05	13.5	1.167	97.2	5.5	1.3
1124	5/18/2015 05:16:10	15.55	51.04	33.54	7.78	8.04	12.3	1.046	95.8	5.5	1.3
1125	5/18/2015 05:31:11	15.75	51.11	33.59	7.51	8.03	10.6	0.987	92.9	6.1	1.4
1126	5/18/2015 05:46:11	15.86	51.04	33.54	7.67	8.04	10.6	0.983	95.0	5.1	1.2
1127	5/18/2015 06:01:11	15.98	51.11	33.60	7.63	8.04	10.6	1.035	94.8	4.8	1.1
1128	5/18/2015 06:16:11	15.72	51.16	33.63	7.77	8.04	11.5	1.126	96.0	4.6	1.1
1129	5/18/2015 06:31:11	16.25	51.05	33.56	7.55	8.04	12.3	1.248	94.3	4.3	1.0
1130	5/18/2015 06:46:11	16.32	51.15	33.64	7.59	8.04	12.3	1.342	94.9	4.4	1.0
1131	5/18/2015 07:01:10	16.23	50.80	33.37	7.50	8.04	13.6	1.427	93.5	4.9	1.2
1132	5/18/2015 07:16:10	16.20	50.70	33.30	7.34	8.02	14.7	1.521	91.4	4.1	1.0
1133	5/18/2015 07:31:11	16.18	50.90	33.45	7.42	8.03	14.6	1.604	92.4	4.9	1.1
1134	5/18/2015 07:46:11	16.03	50.94	33.48	7.59	8.04	13.7	1.697	94.3	4.6	1.1
1135	5/18/2015 08:01:11	15.95	51.06	33.56	7.63	8.04	12.1	1.787	94.8	5.0	1.2
1136	5/18/2015 08:16:11	15.93	50.95	33.48	7.64	8.04	12.6	1.884	94.8	4.0	0.9
1137	5/18/2015 08:31:10	15.72	51.08	33.57	7.79	8.04	11.8	1.994	96.3	4.5	1.1
1138	5/18/2015 08:46:11	15.42	51.00	33.50	7.98	8.04	13.7	2.095	98.0	5.7	1.3
1139	5/18/2015 09:01:10	15.25	51.00	33.50	8.13	8.05	10.9	2.205	99.5	6.4	1.5
1140	5/18/2015 09:16:11	15.14	51.13	33.59	8.22	8.05	11.6	2.316	100.4	6.6	1.6
1141	5/18/2015 09:31:11	14.93	51.11	33.57	8.28	8.05	11.7	2.454	100.8	6.7	1.6
1142	5/18/2015 09:46:11	14.70	50.92	33.43	8.38	8.05	13.2	2.566	101.4	7.0	1.6
1143	5/18/2015 10:01:11	14.56	51.13	33.58	8.38	8.05	12.2	2.672	101.2	7.3	1.7
1144	5/18/2015 10:16:11	14.37	51.01	33.49	8.42	8.05	14.2	2.775	101.2	8.0	1.9
1145	5/18/2015 10:31:11	13.96	51.10	33.54	8.54	8.05	16.2	2.883	101.9	8.2	1.9
1146	5/18/2015 10:46:11	13.42	51.13	33.54	8.57	8.04	17.2	2.973	101.1	9.4	2.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1147	5/18/2015 11:01:11	12.72	51.07	33.47	8.58	8.04	16.1	3.060	99.7	11.5	2.7
1148	5/18/2015 11:16:11	12.47	51.10	33.48	8.62	8.04	17.0	3.150	99.7	11.8	2.8
1149	5/18/2015 11:31:11	12.20	51.15	33.50	8.74	8.04	20.0	3.239	100.5	12.7	3.0
1150	5/18/2015 11:46:11	12.07	51.31	33.61	8.74	8.04	14.2	3.311	100.4	13.3	3.1
1151	5/18/2015 12:01:11	11.91	51.16	33.50	8.81	8.05	12.3	3.381	100.7	13.8	3.2
1152	5/18/2015 12:16:11	11.67	51.24	33.54	9.06	8.07	9.7	3.440	103.1	14.6	3.4
1153	5/18/2015 12:31:11	11.55	51.20	33.51	9.18	8.08	6.8	3.472	104.2	17.3	4.1
1154	5/18/2015 12:46:11	11.48	51.16	33.47	9.22	8.08	4.4	3.489	104.4	12.9	3.0
1155	5/18/2015 13:01:11	11.61	51.09	33.43	9.10	8.08	6.5	3.482	103.3	12.4	2.9
1156	5/18/2015 13:16:11	11.64	51.28	33.57	9.10	8.08	7.1	3.456	103.5	11.6	2.7
1157	5/18/2015 13:31:11	11.94	51.36	33.64	9.01	8.07	7.3	3.400	103.1	10.7	2.5
1158	5/18/2015 13:46:11	12.24	51.07	33.44	8.96	8.07	9.5	3.323	103.1	10.0	2.4
1159	5/18/2015 14:01:11	12.45	51.24	33.58	9.51	8.11	8.7	3.226	110.1	13.4	3.2
1160	5/18/2015 14:16:11	12.67	51.25	33.60	9.59	8.11	7.9	3.134	111.5	12.9	3.0
1161	5/18/2015 14:31:11	13.37	51.07	33.49	9.54	8.11	9.1	3.045	112.4	11.5	2.7
1162	5/18/2015 14:46:11	13.86	51.24	33.64	9.32	8.11	11.4	2.937	111.0	10.2	2.4
1163	5/18/2015 15:01:11	14.15	51.14	33.58	9.38	8.12	9.8	2.842	112.4	9.1	2.1
1164	5/18/2015 15:16:11	14.63	51.05	33.52	9.39	8.12	9.6	2.763	113.5	8.0	1.9
1165	5/18/2015 15:31:11	15.04	51.20	33.64	9.46	8.13	11.2	2.666	115.4	7.3	1.7
1166	5/18/2015 15:46:11	15.16	51.12	33.58	9.58	8.14	9.0	2.574	117.0	7.2	1.7
1167	5/18/2015 16:01:11	15.10	51.07	33.55	9.72	8.15	8.1	2.486	118.7	8.5	2.0
1168	5/18/2015 16:16:10	14.88	51.06	33.54	9.87	8.16	6.5	2.413	120.0	8.6	2.0
1169	5/18/2015 16:31:10	15.13	50.93	33.44	9.63	8.15	6.5	2.339	117.6	8.5	2.0
1170	5/18/2015 16:46:11	15.52	51.13	33.60	9.30	8.13	7.9	2.261	114.5	7.2	1.7
1171	5/18/2015 17:01:12	15.58	51.11	33.59	9.27	8.13	7.3	2.195	114.2	7.1	1.7
1172	5/18/2015 17:16:11	15.58	51.18	33.64	9.46	8.14	7.4	2.150	116.6	8.5	2.0
1173	5/18/2015 17:31:11	15.77	51.07	33.56	9.25	8.14	7.2	2.119	114.4	7.6	1.8
1174	5/18/2015 17:46:11	15.88	51.12	33.60	9.12	8.13	6.2	2.099	113.1	6.6	1.5
1175	5/18/2015 18:01:11	15.95	51.05	33.55	8.99	8.13	5.6	2.121	111.6	6.5	1.5
1176	5/18/2015 18:16:11	16.16	51.11	33.60	8.92	8.11	6.7	2.153	111.2	7.2	1.7
1177	5/18/2015 18:31:11	16.01	51.17	33.64	8.91	8.11	13.7	2.201	110.8	6.7	1.6
1178	5/18/2015 18:46:10	16.22	50.83	33.40	8.77	8.10	12.6	2.270	109.3	6.5	1.5
1179	5/18/2015 19:01:11	15.99	51.02	33.53	8.86	8.10	7.4	2.339	110.0	6.5	1.5
1180	5/18/2015 19:16:11	16.02	51.04	33.55	8.94	8.11	9.2	2.436	111.1	7.0	1.7
1181	5/18/2015 19:31:11	15.62	51.07	33.56	9.13	8.11	9.0	2.542	112.6	7.1	1.7
1182	5/18/2015 19:46:11	15.43	51.08	33.56	9.20	8.11	7.6	2.611	113.0	7.5	1.8
1183	5/18/2015 20:01:11	15.01	51.04	33.52	9.21	8.11	8.3	2.700	112.2	8.7	2.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1184	5/18/2015 20:16:11	14.36	50.93	33.43	9.13	8.09	8.6	2.800	109.8	9.8	2.3
1185	5/18/2015 20:31:11	14.14	51.12	33.56	9.13	8.09	8.6	2.892	109.3	10.2	2.4
1186	5/18/2015 20:46:11	13.80	51.13	33.55	9.10	8.08	10.0	3.004	108.2	11.5	2.7
1187	5/18/2015 21:01:11	13.49	51.14	33.55	9.16	8.09	9.4	3.099	108.3	10.9	2.6
1188	5/18/2015 21:16:11	13.18	51.27	33.63	9.26	8.09	10.3	3.195	108.8	12.3	2.9
1189	5/18/2015 21:31:11	12.96	51.18	33.56	9.35	8.10	10.7	3.302	109.3	12.9	3.0
1190	5/18/2015 21:46:11	12.40	51.19	33.54	9.55	8.10	12.7	3.398	110.3	15.0	3.5
1191	5/18/2015 22:01:11	11.98	51.36	33.64	9.68	8.11	11.6	3.507	110.9	16.2	3.8
1192	5/18/2015 22:16:11	11.39	51.34	33.60	9.70	8.10	11.6	3.618	109.8	21.0	4.9
1193	5/18/2015 22:31:11	11.14	51.37	33.61	9.79	8.11	10.1	3.691	110.2	27.8	6.5
1194	5/18/2015 22:46:11	11.04	51.32	33.56	9.89	8.12	10.6	3.782	111.0	22.6	5.3
1195	5/18/2015 23:01:12	10.98	51.29	33.54	9.90	8.12	8.1	3.866	111.0	21.5	5.0
1196	5/18/2015 23:16:12	10.96	51.39	33.61	9.83	8.12	6.2	3.932	110.2	20.1	4.7
1197	5/18/2015 23:31:11	10.92	51.40	33.61	9.78	8.12	5.7	3.981	109.6	22.8	5.4
1198	5/18/2015 23:46:11	10.89	51.19	33.46	9.72	8.12	6.0	4.012	108.7	18.8	4.4
1199	5/19/2015 00:01:11	10.88	51.39	33.61	9.44	8.11	12.7	4.029	105.6	31.5	7.4
1200	5/19/2015 00:16:11	11.03	51.43	33.64	9.57	8.11	5.0	4.007	107.5	13.9	3.3
1201	5/19/2015 00:31:11	11.07	51.38	33.61	9.66	8.11	5.9	3.968	108.5	15.7	3.7
1202	5/19/2015 00:46:11	11.22	51.23	33.51	9.59	8.11	7.2	3.902	108.1	17.8	4.2
1203	5/19/2015 01:01:11	11.17	51.43	33.65	9.55	8.11	7.3	3.812	107.6	19.1	4.5
1204	5/19/2015 01:16:11	11.07	51.36	33.60	9.58	8.11	6.7	3.706	107.7	19.4	4.6
1205	5/19/2015 01:31:11	11.21	51.44	33.66	9.48	8.10	32.1	3.591	106.9	20.2	4.8
1206	5/19/2015 01:46:11	12.39	51.08	33.46	9.11	8.10	10.9	3.476	105.1	12.3	2.9
1207	5/19/2015 02:01:11	12.68	51.27	33.61	9.03	8.10	13.6	3.344	105.0	14.0	3.3
1208	5/19/2015 02:16:11	12.76	51.26	33.61	9.01	8.09	12.1	3.215	104.9	12.1	2.8
1209	5/19/2015 02:31:11	12.74	51.28	33.63	8.95	8.09	10.8	3.085	104.2	11.7	2.7
1210	5/19/2015 02:46:11	13.18	51.28	33.64	8.77	8.08	9.7	2.954	103.1	11.5	2.7
1211	5/19/2015 03:01:11	13.74	51.25	33.64	8.58	8.08	10.8	2.806	102.0	9.2	2.2
1212	5/19/2015 03:16:11	13.52	51.14	33.55	8.51	8.07	11.7	2.664	100.6	10.1	2.4
1213	5/19/2015 03:31:11	13.32	51.05	33.48	8.60	8.07	12.1	2.512	101.3	10.0	2.4
1214	5/19/2015 03:46:11	13.86	51.17	33.59	8.45	8.07	11.8	2.361	100.7	9.6	2.2
1215	5/19/2015 04:01:12	13.91	51.17	33.59	8.33	8.06	12.0	2.183	99.2	9.7	2.3
1216	5/19/2015 04:16:11	14.29	51.21	33.63	8.15	8.06	14.5	2.039	97.9	8.7	2.0
1217	5/19/2015 04:31:11	14.53	51.07	33.53	8.05	8.05	14.7	1.877	97.2	7.6	1.8
1218	5/19/2015 04:46:11	14.91	51.16	33.61	7.94	8.05	15.7	1.725	96.6	6.7	1.6
1219	5/19/2015 05:01:11	14.87	51.20	33.64	7.92	8.05	15.6	1.548	96.3	7.4	1.7
1220	5/19/2015 05:16:11	14.94	51.13	33.58	7.87	8.05	20.3	1.397	95.8	6.3	1.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1221	5/19/2015 05:31:11	15.02	51.10	33.57	7.81	8.04	31.8	1.262	95.2	6.2	1.5
1222	5/19/2015 05:46:11	14.97	51.00	33.49	7.78	8.04	16.1	1.120	94.6	5.5	1.3
1223	5/19/2015 06:01:11	15.21	51.16	33.61	7.63	8.03	13.7	1.009	93.3	10.5	2.5
1224	5/19/2015 06:16:11	15.08	51.19	33.64	7.51	8.02	28.7	0.956	91.7	7.5	1.8
1225	5/19/2015 06:31:12	15.34	51.06	33.55	7.62	8.03	16.9	0.970	93.5	5.1	1.2
1226	5/19/2015 06:46:11	15.31	51.18	33.64	7.58	8.03	10.7	1.017	92.9	5.6	1.3
1227	5/19/2015 07:01:11	15.52	51.14	33.61	7.48	8.02	30.8	1.111	92.1	4.9	1.2
1228	5/19/2015 07:16:11	15.74	51.10	33.59	7.32	8.01	12.7	1.221	90.6	4.7	1.1
1229	5/19/2015 07:31:11	15.74	51.18	33.64	7.35	8.01	13.4	1.313	90.9	4.8	1.1
1230	5/19/2015 07:46:11	15.70	50.84	33.40	7.31	8.01	14.2	1.402	90.2	4.6	1.1
1231	5/19/2015 08:01:11	15.67	50.78	33.35	7.22	8.00	14.4	1.474	89.0	4.7	1.1
1232	5/19/2015 08:16:11	15.61	50.81	33.37	7.27	8.00	13.6	1.557	89.6	4.2	1.0
1233	5/19/2015 08:31:11	15.56	50.87	33.41	7.36	8.01	17.3	1.648	90.5	4.5	1.1
1234	5/19/2015 08:46:11	15.44	51.05	33.54	7.48	8.02	13.3	1.735	91.9	4.7	1.1
1235	5/19/2015 09:01:12	15.42	50.95	33.47	7.49	8.02	12.3	1.840	92.0	5.0	1.2
1236	5/19/2015 09:16:11	15.40	51.00	33.50	7.50	8.02	13.2	1.937	92.1	4.9	1.1
1237	5/19/2015 09:31:11	15.10	51.08	33.55	7.78	8.03	13.6	2.055	95.0	5.7	1.3
1238	5/19/2015 09:46:11	14.94	51.13	33.59	7.98	8.04	17.3	2.168	97.2	6.3	1.5
1239	5/19/2015 10:01:12	14.88	51.18	33.62	8.08	8.05	24.9	2.282	98.3	7.1	1.7
1240	5/19/2015 10:16:12	14.72	51.17	33.61	8.21	8.05	25.6	2.399	99.5	6.9	1.6
1241	5/19/2015 10:31:11	14.55	51.08	33.54	8.30	8.05	27.3	2.507	100.2	7.6	1.8
1242	5/19/2015 10:46:11	14.44	51.05	33.52	8.42	8.06	26.7	2.635	101.4	7.5	1.8
1243	5/19/2015 11:01:11	14.29	50.91	33.41	8.42	8.06	23.4	2.717	101.1	8.5	2.0
1244	5/19/2015 11:16:11	14.03	50.89	33.39	8.55	8.06	23.2	2.812	102.1	8.8	2.1
1245	5/19/2015 11:31:11	13.64	51.15	33.57	8.75	8.07	27.3	2.909	103.7	9.3	2.2
1246	5/19/2015 11:46:12	13.05	51.22	33.59	8.77	8.07	20.6	2.995	102.8	10.8	2.5
1247	5/19/2015 12:01:12	12.65	51.26	33.61	8.88	8.07	15.0	3.090	103.2	11.4	2.7
1248	5/19/2015 12:16:11	12.45	51.05	33.44	8.97	8.08	16.2	3.176	103.7	12.8	3.0
1249	5/19/2015 12:31:11	12.26	51.18	33.53	9.08	8.08	15.7	3.256	104.6	12.4	2.9
1250	5/19/2015 12:46:11	12.05	51.34	33.64	9.12	8.08	15.5	3.325	104.6	13.8	3.2
1251	5/19/2015 13:01:11	11.77	51.20	33.52	9.08	8.08	10.1	3.380	103.6	14.3	3.4
1252	5/19/2015 13:16:11	11.60	51.35	33.62	8.99	8.07	7.2	3.425	102.2	14.9	3.5
1253	5/19/2015 13:31:11	11.45	51.31	33.58	8.88	8.07	5.7	3.453	100.5	14.5	3.4
1254	5/19/2015 13:46:11	11.44	51.38	33.63	8.60	8.06	4.5	3.455	97.4	12.1	2.9
1255	5/19/2015 14:01:11	11.88	50.97	33.36	8.95	8.07	9.7	3.430	102.1	11.1	2.6
1256	5/19/2015 14:16:11	11.77	51.34	33.62	8.90	8.07	8.3	3.387	101.6	10.3	2.4
1257	5/19/2015 14:31:11	12.15	51.34	33.64	9.04	8.09	7.2	3.319	104.0	11.2	2.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
1258	5/19/2015 14:46:11	12.44	51.19	33.54	9.37	8.11	9.5	3.229	108.3	12.1	2.8
1259	5/19/2015 15:01:11	12.60	51.30	33.63	9.56	8.12	8.5	3.137	111.0	12.7	3.0
1260	5/19/2015 15:16:11	13.11	51.27	33.63	9.63	8.13	9.1	3.042	112.9	11.5	2.7
1261	5/19/2015 15:31:11	13.61	50.97	33.43	9.43	8.13	11.4	2.948	111.6	11.0	2.6
1262	5/19/2015 15:46:11	13.96	51.02	33.48	9.39	8.13	10.0	2.859	111.9	9.5	2.2
1263	5/19/2015 16:01:11	14.25	51.12	33.56	9.39	8.13	9.4	2.765	112.6	8.5	2.0
1264	5/19/2015 16:16:11	14.68	51.06	33.53	9.32	8.13	10.1	2.690	112.8	7.6	1.8
1265	5/19/2015 16:31:11	14.89	51.00	33.49	9.24	8.13	9.6	2.601	112.3	7.2	1.7
1266	5/19/2015 16:46:11	14.98	51.18	33.63	9.29	8.14	8.4	2.526	113.1	7.5	1.8
1267	5/19/2015 17:01:11	14.89	51.02	33.50	9.37	8.14	7.7	2.451	113.8	7.9	1.9
1268	5/19/2015 17:16:12	14.75	51.19	33.63	9.41	8.15	7.0	2.374	114.1	8.7	2.1
1269	5/19/2015 17:31:12	14.96	51.13	33.59	9.07	8.12	7.2	2.320	110.5	7.4	1.7
1270	5/19/2015 17:46:12	14.93	51.17	33.62	9.33	8.13	6.5	2.265	113.6	7.6	1.8
1271	5/19/2015 18:01:11	15.22	51.09	33.57	8.75	8.10	7.0	2.218	107.1	6.7	1.6
1272	5/19/2015 18:16:10	15.18	51.02	33.52	8.93	8.11	6.7	2.184	109.2	6.1	1.4
1273	5/19/2015 18:31:11	15.46	51.05	33.54	8.67	8.10	6.4	2.193	106.7	7.1	1.7
1274	5/19/2015 18:46:11	15.70	51.02	33.52	8.61	8.10	7.5	2.200	106.3	6.2	1.5
1275	5/19/2015 19:01:11	15.62	51.06	33.55	8.61	8.09	7.0	2.218	106.1	6.2	1.5
1276	5/19/2015 19:16:12	15.60	51.04	33.54	8.53	8.08	7.4	2.274	105.2	6.3	1.5
1277	5/19/2015 19:31:11	15.66	50.92	33.45	8.46	8.08	8.1	2.333	104.4	6.7	1.6
1278	5/19/2015 19:46:10	15.42	50.86	33.40	8.62	8.09	7.8	2.402	105.7	6.6	1.6
1279	5/19/2015 20:01:10	15.40	50.98	33.49	8.67	8.09	8.7	2.487	106.4	7.0	1.7
1280	5/19/2015 20:16:11	15.04	51.05	33.53	8.90	8.10	7.8	2.574	108.5	6.2	1.5
1281	5/19/2015 20:31:11	14.85	51.11	33.57	8.98	8.11	7.7	2.662	109.1	12.6	3.0
1282	5/19/2015 20:46:12	14.24	51.00	33.47	9.06	8.10	8.6	2.744	108.7	99.9	23.5
1283	5/19/2015 21:01:11	13.85	51.04	33.49	9.01	8.09	8.8	2.829	107.1	10.3	2.4
1284	5/19/2015 21:16:11	13.60	51.10	33.52	9.04	8.09	7.9	2.919	107.0	63.3	14.9
1285	5/19/2015 21:31:11	13.36	51.07	33.49	9.02	8.09	7.9	3.008	106.3	62.0	14.6
1286	5/19/2015 21:46:11	13.08	51.15	33.54	9.06	8.09	7.8	3.095	106.1	11.2	2.6
1287	5/19/2015 22:01:11	12.65	51.23	33.58	9.07	8.08	8.5	3.194	105.3	85.6	20.1
1288	5/19/2015 22:16:11	12.40	51.23	33.57	9.09	8.08	8.1	3.289	105.0	78.1	18.4
1289	5/19/2015 22:31:11	12.00	51.16	33.50	9.12	8.08	9.3	3.388	104.5	15.1	3.6
1290	5/19/2015 22:46:11	11.60	51.38	33.64	9.07	8.08	9.8	3.484	103.1	12.7	3.0
1291	5/19/2015 23:01:11	11.21	51.47	33.69	9.00	8.07	9.2	3.573	101.5	16.3	3.8
1292	5/19/2015 23:16:11	10.95	51.45	33.65	8.94	8.06	11.5	3.667	100.2	16.0	3.8
1293	5/19/2015 23:31:11	10.78	51.34	33.57	8.97	8.06	9.0	3.744	100.2	17.1	4.0
1294	5/19/2015 23:46:11	10.72	51.40	33.60	8.97	8.06	7.8	3.811	100.1	18.1	4.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1295	5/20/2015 00:01:11	10.68	51.45	33.63	8.98	8.07	4.8	3.870	100.1	15.5	3.6
1296	5/20/2015 00:16:11	10.67	51.37	33.58	8.88	8.06	6.1	3.910	98.9	14.2	3.3
1297	5/20/2015 00:31:11	10.66	51.39	33.59	8.78	8.06	3.5	3.939	97.8	14.8	3.5
1298	5/20/2015 00:46:11	10.66	51.42	33.61	8.58	8.05	3.5	3.947	95.6	17.2	4.0
1299	5/20/2015 01:01:11	10.87	51.28	33.53	8.66	8.06	8.4	3.926	96.9	14.1	3.3
1300	5/20/2015 01:16:11	10.77	51.26	33.50	8.80	8.06	5.8	3.888	98.2	10.8	2.5
1301	5/20/2015 01:31:11	11.06	51.35	33.59	8.75	8.06	5.9	3.817	98.3	11.0	2.6
1302	5/20/2015 01:46:11	10.87	51.41	33.62	8.74	8.05	6.6	3.738	97.8	14.0	3.3
1303	5/20/2015 02:01:11	11.01	51.32	33.56	8.77	8.06	6.2	3.634	98.3	13.5	3.2
1304	5/20/2015 02:16:11	11.46	51.46	33.69	8.65	8.06	8.3	3.526	98.1	12.4	2.9
1305	5/20/2015 02:31:11	12.37	51.33	33.64	8.61	8.07	8.9	3.405	99.5	9.2	2.2
1306	5/20/2015 02:46:11	12.44	51.21	33.56	8.63	8.07	12.0	3.288	99.7	10.6	2.5
1307	5/20/2015 03:01:11	12.55	51.30	33.63	8.63	8.07	10.9	3.158	100.1	10.0	2.4
1308	5/20/2015 03:16:11	12.60	51.32	33.65	8.59	8.07	9.7	3.032	99.7	9.1	2.1
1309	5/20/2015 03:31:11	12.88	51.05	33.46	8.46	8.06	10.0	2.893	98.7	8.4	2.0
1310	5/20/2015 03:46:11	13.50	51.14	33.55	8.32	8.06	11.3	2.759	98.3	7.8	1.8
1311	5/20/2015 04:01:11	13.70	51.11	33.54	8.23	8.06	10.1	2.621	97.7	7.5	1.8
1312	5/20/2015 04:16:11	13.23	51.21	33.59	8.23	8.05	11.0	2.474	96.7	8.5	2.0
1313	5/20/2015 04:31:11	12.99	51.19	33.57	8.27	8.05	11.3	2.327	96.8	8.1	1.9
1314	5/20/2015 04:46:11	13.78	51.28	33.66	8.06	8.04	13.1	2.163	95.9	7.3	1.7
1315	5/20/2015 05:01:11	14.03	51.17	33.59	7.97	8.04	14.8	2.026	95.3	7.0	1.7
1316	5/20/2015 05:16:11	14.25	51.24	33.65	7.89	8.04	12.8	1.877	94.7	6.1	1.4
1317	5/20/2015 05:31:11	14.34	51.03	33.50	7.84	8.04	13.9	1.716	94.2	6.2	1.5
1318	5/20/2015 05:46:11	14.47	51.27	33.67	7.78	8.03	16.0	1.554	93.9	5.5	1.3
1319	5/20/2015 06:01:11	14.59	51.19	33.62	7.74	8.03	12.6	1.413	93.6	5.2	1.2
1320	5/20/2015 06:16:11	14.63	51.00	33.49	7.72	8.03	11.1	1.283	93.3	5.5	1.3
1321	5/20/2015 06:31:11	14.64	51.20	33.63	7.66	8.03	10.0	1.156	92.6	5.1	1.2
1322	5/20/2015 06:46:11	14.69	51.13	33.58	7.60	8.02	9.5	1.067	92.0	4.9	1.1
1323	5/20/2015 07:01:11	14.77	51.14	33.59	7.41	8.01	10.8	1.021	89.8	5.0	1.2
1324	5/20/2015 07:16:11	14.81	50.95	33.45	7.63	8.02	9.0	1.018	92.5	4.9	1.1
1325	5/20/2015 07:31:11	15.07	51.21	33.65	7.48	8.02	9.6	1.068	91.3	4.8	1.1
1326	5/20/2015 07:46:12	15.14	51.19	33.64	7.44	8.01	9.5	1.153	90.9	4.6	1.1
1327	5/20/2015 08:01:11	15.42	51.01	33.51	7.18	8.00	11.5	1.240	88.1	4.3	1.0
1328	5/20/2015 08:16:11	15.41	51.21	33.66	7.25	8.00	10.9	1.330	89.1	4.3	1.0
1329	5/20/2015 08:31:11	15.38	50.73	33.31	7.19	7.99	14.3	1.412	88.2	4.5	1.1
1330	5/20/2015 08:46:11	15.38	50.70	33.28	7.12	7.98	12.8	1.492	87.3	4.1	1.0
1331	5/20/2015 09:01:11	15.27	50.85	33.39	7.19	7.99	11.9	1.579	88.0	4.8	1.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1332	5/20/2015 09:16:11	15.20	50.92	33.44	7.29	8.00	12.3	1.664	89.1	4.2	1.0
1333	5/20/2015 09:31:11	15.10	51.03	33.52	7.37	8.00	10.6	1.751	90.0	4.6	1.1
1334	5/20/2015 09:46:11	15.10	51.00	33.49	7.41	8.00	10.6	1.859	90.4	4.8	1.1
1335	5/20/2015 10:01:12	15.02	51.14	33.59	7.42	8.01	10.8	1.960	90.5	4.3	1.0
1336	5/20/2015 10:16:11	14.65	51.10	33.56	7.73	8.02	9.4	2.066	93.5	5.1	1.2
1337	5/20/2015 10:31:11	14.58	50.97	33.46	7.93	8.04	8.4	2.182	95.8	6.5	1.5
1338	5/20/2015 10:46:11	14.51	51.06	33.52	8.07	8.04	9.5	2.280	97.3	7.4	1.7
1339	5/20/2015 11:01:11	14.30	50.98	33.46	8.18	8.05	11.2	2.391	98.2	6.4	1.5
1340	5/20/2015 11:16:11	14.13	50.98	33.46	8.25	8.05	12.8	2.494	98.8	7.4	1.7
1341	5/20/2015 11:31:11	13.99	51.06	33.51	8.28	8.05	11.4	2.596	98.9	7.4	1.7
1342	5/20/2015 11:46:11	13.86	51.11	33.54	8.30	8.05	11.7	2.697	98.8	7.0	1.6
1343	5/20/2015 12:01:11	13.48	51.13	33.54	8.51	8.06	13.6	2.796	100.6	8.3	2.0
1344	5/20/2015 12:16:11	13.16	51.22	33.59	8.57	8.06	13.6	2.884	100.6	9.0	2.1
1345	5/20/2015 12:31:11	12.65	51.24	33.59	8.57	8.05	15.0	2.980	99.5	9.0	2.1
1346	5/20/2015 12:46:11	12.37	51.13	33.50	8.64	8.05	15.0	3.071	99.7	9.8	2.3
1347	5/20/2015 13:01:11	12.16	51.23	33.56	8.69	8.06	15.7	3.153	99.9	10.1	2.4
1348	5/20/2015 13:16:11	11.95	51.26	33.57	8.80	8.06	26.3	3.241	100.7	12.0	2.8
1349	5/20/2015 13:31:11	11.80	51.36	33.64	8.79	8.06	13.3	3.313	100.3	13.0	3.1
1350	5/20/2015 13:46:11	11.65	51.27	33.56	8.88	8.07	12.0	3.375	101.1	12.6	3.0
1351	5/20/2015 14:01:11	11.50	51.33	33.59	8.96	8.07	8.1	3.424	101.7	13.7	3.2
1352	5/20/2015 14:16:11	11.48	51.41	33.65	8.90	8.07	4.8	3.452	100.9	13.0	3.1
1353	5/20/2015 14:31:11	11.58	51.12	33.45	8.60	8.06	6.0	3.459	97.6	11.5	2.7
1354	5/20/2015 14:46:11	11.79	51.08	33.43	8.75	8.06	9.5	3.438	99.7	9.7	2.3
1355	5/20/2015 15:01:11	11.72	51.33	33.61	8.82	8.07	5.9	3.392	100.5	10.2	2.4
1356	5/20/2015 15:16:11	11.91	51.38	33.66	8.78	8.07	7.3	3.327	100.5	10.8	2.5
1357	5/20/2015 15:31:11	12.07	51.28	33.59	9.03	8.08	7.5	3.256	103.7	12.3	2.9
1358	5/20/2015 15:46:11	12.06	51.39	33.67	9.12	8.09	6.8	3.163	104.7	12.5	2.9
1359	5/20/2015 16:01:11	12.49	51.19	33.55	9.10	8.09	6.7	3.071	105.3	11.0	2.6
1360	5/20/2015 16:16:11	13.00	51.22	33.59	9.00	8.09	8.6	2.992	105.3	10.9	2.6
1361	5/20/2015 16:31:11	13.21	51.28	33.64	8.98	8.10	7.9	2.903	105.6	9.6	2.3
1362	5/20/2015 16:46:11	13.34	51.02	33.46	8.95	8.10	7.5	2.818	105.3	8.3	2.0
1363	5/20/2015 17:01:11	13.74	51.08	33.52	8.89	8.10	7.2	2.732	105.5	6.6	1.6
1364	5/20/2015 17:16:11	14.03	51.06	33.51	8.79	8.10	7.6	2.662	104.9	7.5	1.8
1365	5/20/2015 17:31:11	14.23	51.04	33.51	8.78	8.10	6.5	2.595	105.3	6.4	1.5
1366	5/20/2015 17:46:11	14.21	51.05	33.51	8.74	8.10	5.7	2.531	104.8	7.2	1.7
1367	5/20/2015 18:01:11	14.08	51.06	33.51	8.87	8.10	5.9	2.457	106.1	7.2	1.7
1368	5/20/2015 18:16:11	14.16	51.00	33.47	8.73	8.08	6.1	2.404	104.5	7.2	1.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1369	5/20/2015 18:31:12	14.44	51.26	33.67	8.57	8.08	5.9	2.375	103.3	6.5	1.5
1370	5/20/2015 18:46:11	14.66	51.06	33.53	8.41	8.07	7.0	2.317	101.8	5.8	1.4
1371	5/20/2015 19:01:10	14.85	51.01	33.50	8.28	8.06	7.9	2.296	100.6	5.8	1.4
1372	5/20/2015 19:16:11	14.94	51.07	33.54	8.20	8.06	6.6	2.289	99.8	6.3	1.5
1373	5/20/2015 19:31:11	15.09	51.13	33.59	8.14	8.06	6.5	2.301	99.4	6.1	1.4
1374	5/20/2015 19:46:11	15.03	51.23	33.66	8.19	8.06	6.8	2.313	99.9	6.3	1.5
1375	5/20/2015 20:01:11	14.82	51.09	33.55	8.27	8.06	6.7	2.341	100.4	6.6	1.6
1376	5/20/2015 20:16:10	14.72	51.02	33.50	8.28	8.06	7.3	2.406	100.3	6.4	1.5
1377	5/20/2015 20:31:11	14.58	51.18	33.61	8.30	8.06	6.8	2.462	100.4	6.3	1.5
1378	5/20/2015 20:46:11	14.50	51.16	33.60	8.42	8.06	7.8	2.538	101.6	6.6	1.6
1379	5/20/2015 21:01:11	14.28	51.05	33.51	8.56	8.07	6.6	2.605	102.8	7.4	1.7
1380	5/20/2015 21:16:12	14.11	51.17	33.59	8.62	8.07	6.7	2.691	103.2	6.4	1.5
1381	5/20/2015 21:31:12	13.78	51.13	33.55	8.71	8.08	7.9	2.775	103.6	7.5	1.8
1382	5/20/2015 21:46:12	13.33	51.15	33.55	8.69	8.07	7.2	2.848	102.4	8.6	2.0
1383	5/20/2015 22:01:11	13.09	51.22	33.60	8.67	8.07	6.7	2.929	101.6	10.0	2.3
1384	5/20/2015 22:16:11	12.84	51.24	33.59	8.76	8.07	6.7	3.015	102.2	9.6	2.3
1385	5/20/2015 22:31:11	12.56	51.13	33.51	8.85	8.07	7.2	3.102	102.5	9.8	2.3
1386	5/20/2015 22:46:11	12.25	51.16	33.51	8.95	8.08	7.2	3.184	103.1	9.0	2.1
1387	5/20/2015 23:01:11	12.03	51.35	33.64	9.04	8.08	5.8	3.277	103.6	10.5	2.5
1388	5/20/2015 23:16:11	11.83	51.40	33.66	9.11	8.08	5.9	3.365	104.1	11.8	2.8
1389	5/20/2015 23:31:11	11.56	51.30	33.58	9.23	8.09	6.8	3.455	104.8	12.2	2.9
1390	5/20/2015 23:46:11	11.30	51.32	33.58	9.31	8.09	7.0	3.531	105.2	14.2	3.3
1391	5/21/2015 00:01:11	11.07	51.23	33.50	9.39	8.10	6.7	3.602	105.4	14.4	3.4
1392	5/21/2015 00:16:11	10.99	51.46	33.67	9.41	8.10	5.9	3.683	105.6	14.0	3.3
1393	5/21/2015 00:31:11	10.86	51.46	33.66	9.43	8.10	5.4	3.732	105.6	15.4	3.6
1394	5/21/2015 00:46:11	10.77	51.42	33.62	9.42	8.10	4.3	3.779	105.2	14.1	3.3
1395	5/21/2015 01:01:11	10.77	51.30	33.54	9.37	8.10	2.9	3.811	104.6	18.9	4.5
1396	5/21/2015 01:16:11	10.71	51.43	33.62	9.29	8.09	2.9	3.831	103.6	14.4	3.4
1397	5/21/2015 01:31:11	10.77	51.37	33.59	8.96	8.08	3.2	3.834	100.0	11.7	2.7
1398	5/21/2015 01:46:11	11.03	51.43	33.64	9.15	8.09	5.4	3.806	102.8	11.0	2.6
1399	5/21/2015 02:01:11	10.84	51.39	33.61	9.21	8.09	4.0	3.767	103.0	11.3	2.7
1400	5/21/2015 02:16:11	11.27	51.28	33.55	9.10	8.09	5.1	3.703	102.7	11.3	2.7
1401	5/21/2015 02:31:11	11.18	51.30	33.56	9.14	8.09	5.8	3.634	102.9	12.0	2.8
1402	5/21/2015 02:46:11	11.26	51.31	33.57	9.14	8.09	5.2	3.533	103.1	11.6	2.7
1403	5/21/2015 03:01:11	11.60	51.27	33.56	9.02	8.08	6.5	3.422	102.4	10.9	2.6
1404	5/21/2015 03:16:11	12.35	51.37	33.67	8.59	8.06	7.8	3.326	99.2	8.7	2.0
1405	5/21/2015 03:31:11	12.25	51.26	33.59	8.71	8.07	8.4	3.211	100.3	9.4	2.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1406	5/21/2015 03:46:11	12.30	51.40	33.69	8.66	8.07	8.4	3.089	99.9	9.5	2.2
1407	5/21/2015 04:01:11	12.44	51.32	33.64	8.58	8.06	7.3	2.970	99.2	9.2	2.2
1408	5/21/2015 04:16:11	12.95	51.35	33.68	8.22	8.05	8.9	2.854	96.1	7.1	1.7
1409	5/21/2015 04:31:11	13.36	51.07	33.50	8.07	8.04	9.9	2.718	95.1	8.2	1.9
1410	5/21/2015 04:46:11	13.51	51.18	33.58	7.74	8.02	12.4	2.587	91.5	6.9	1.6
1411	5/21/2015 05:01:11	13.35	51.24	33.62	7.99	8.03	9.5	2.464	94.2	7.2	1.7
1412	5/21/2015 05:16:11	13.10	51.37	33.70	8.08	8.03	9.0	2.319	94.8	8.0	1.9
1413	5/21/2015 05:31:11	13.20	51.12	33.53	8.01	8.03	9.8	2.177	94.1	7.8	1.8
1414	5/21/2015 05:46:10	13.42	51.11	33.52	7.88	8.02	11.4	2.037	93.0	7.6	1.8
1415	5/21/2015 06:01:11	13.74	51.23	33.62	7.71	8.02	10.6	1.905	91.6	7.5	1.8
1416	5/21/2015 06:16:11	14.09	51.13	33.56	7.55	8.01	10.9	1.757	90.3	6.1	1.4
1417	5/21/2015 06:31:11	14.10	51.22	33.63	7.53	8.01	9.9	1.608	90.1	6.2	1.5
1418	5/21/2015 06:46:11	14.34	51.09	33.54	7.42	8.00	10.0	1.494	89.2	5.6	1.3
1419	5/21/2015 07:01:11	14.34	51.23	33.65	7.41	8.00	10.3	1.372	89.2	4.9	1.2
1420	5/21/2015 07:16:11	14.39	51.23	33.65	7.39	8.00	8.6	1.255	89.0	5.6	1.3
1421	5/21/2015 07:31:11	14.44	51.22	33.64	7.35	8.00	9.8	1.186	88.6	5.7	1.3
1422	5/21/2015 07:46:11	14.54	51.11	33.56	7.30	7.99	7.8	1.135	88.1	5.1	1.2
1423	5/21/2015 08:01:11	14.47	51.02	33.50	7.29	7.99	8.8	1.130	87.8	4.5	1.1
1424	5/21/2015 08:16:11	14.81	51.07	33.54	7.20	7.99	9.5	1.159	87.3	4.7	1.1
1425	5/21/2015 08:31:10	14.77	51.02	33.50	7.20	7.99	9.8	1.238	87.3	4.7	1.1
1426	5/21/2015 08:46:11	15.12	51.01	33.51	6.90	7.97	17.4	1.315	84.2	4.5	1.1
1427	5/21/2015 09:01:11	15.07	51.12	33.59	6.98	7.97	11.7	1.397	85.2	4.4	1.0
1428	5/21/2015 09:16:11	14.97	50.90	33.42	6.98	7.96	13.4	1.489	84.9	4.6	1.1
1429	5/21/2015 09:31:11	14.96	50.61	33.21	6.93	7.96	12.7	1.577	84.2	4.5	1.1
1430	5/21/2015 09:46:11	14.89	50.79	33.34	6.99	7.96	11.4	1.654	84.9	3.8	0.9
1431	5/21/2015 10:01:11	14.75	50.89	33.40	7.13	7.97	11.7	1.735	86.3	3.9	0.9
1432	5/21/2015 10:16:12	14.70	50.87	33.39	7.15	7.98	11.4	1.829	86.5	4.0	0.9
1433	5/21/2015 10:31:11	14.70	50.89	33.41	7.16	7.98	10.8	1.911	86.6	4.3	1.0
1434	5/21/2015 10:46:11	14.56	51.03	33.50	7.23	7.98	12.0	2.005	87.3	4.4	1.0
1435	5/21/2015 11:01:12	14.22	50.99	33.47	7.55	8.00	12.8	2.106	90.5	5.3	1.3
1436	5/21/2015 11:16:11	14.13	51.13	33.57	7.70	8.01	8.4	2.208	92.2	5.0	1.2
1437	5/21/2015 11:31:11	14.10	51.11	33.55	7.80	8.02	8.5	2.303	93.4	5.7	1.3
1438	5/21/2015 11:46:11	14.05	51.05	33.51	7.88	8.02	10.8	2.404	94.2	6.3	1.5
1439	5/21/2015 12:01:11	13.89	51.11	33.54	8.00	8.03	18.6	2.502	95.3	5.9	1.4
1440	5/21/2015 12:16:11	13.80	51.16	33.58	8.09	8.03	12.1	2.601	96.2	6.1	1.4
1441	5/21/2015 12:31:11	13.69	51.05	33.49	8.13	8.03	11.2	2.690	96.4	7.1	1.7
1442	5/21/2015 12:46:11	13.52	51.07	33.50	8.28	8.04	14.5	2.783	97.8	6.7	1.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1443	5/21/2015 13:01:11	13.21	51.18	33.57	8.53	8.05	22.1	2.870	100.3	6.8	1.6
1444	5/21/2015 13:16:11	12.93	51.18	33.56	8.71	8.06	18.6	2.962	101.8	8.9	2.1
1445	5/21/2015 13:31:11	12.61	51.11	33.49	8.89	8.07	21.2	3.039	103.1	9.0	2.1
1446	5/21/2015 13:46:11	12.43	51.26	33.59	9.00	8.07	11.2	3.121	104.0	10.5	2.5
1447	5/21/2015 14:01:11	12.25	50.96	33.37	9.13	8.08	12.2	3.202	105.0	11.1	2.6
1448	5/21/2015 14:16:11	12.10	51.23	33.56	9.24	8.08	15.7	3.269	106.1	12.3	2.9
1449	5/21/2015 14:31:11	12.00	51.12	33.47	9.37	8.09	8.6	3.330	107.3	11.6	2.7
1450	5/21/2015 14:46:11	11.90	51.19	33.52	9.41	8.09	5.0	3.370	107.6	11.1	2.6
1451	5/21/2015 15:01:11	11.88	51.26	33.57	9.34	8.09	4.7	3.403	106.7	15.7	3.7
1452	5/21/2015 15:16:11	11.87	51.08	33.44	9.07	8.08	4.4	3.413	103.6	9.6	2.3
1453	5/21/2015 15:31:11	12.16	51.19	33.53	9.16	8.09	5.7	3.390	105.3	8.7	2.1
1454	5/21/2015 15:46:11	11.98	51.22	33.54	9.23	8.09	4.8	3.362	105.7	9.2	2.2
1455	5/21/2015 16:01:11	12.14	51.27	33.59	9.19	8.09	5.0	3.314	105.6	8.4	2.0
1456	5/21/2015 16:16:11	12.44	51.10	33.48	9.21	8.09	6.2	3.232	106.4	9.0	2.1
1457	5/21/2015 16:31:11	12.63	51.21	33.56	9.48	8.11	6.5	3.159	110.1	10.2	2.4
1458	5/21/2015 16:46:11	12.62	51.21	33.57	9.55	8.12	5.4	3.086	110.9	11.5	2.7
1459	5/21/2015 17:01:11	13.13	51.20	33.58	9.46	8.11	5.5	3.009	110.9	10.1	2.4
1460	5/21/2015 17:16:11	13.70	51.15	33.56	9.28	8.11	5.8	2.916	110.1	9.0	2.1
1461	5/21/2015 17:31:11	13.79	51.24	33.63	9.25	8.11	6.3	2.843	110.0	7.4	1.7
1462	5/21/2015 17:46:11	14.06	51.01	33.47	9.22	8.11	5.9	2.782	110.1	7.1	1.7
1463	5/21/2015 18:01:11	14.16	51.04	33.50	9.13	8.11	5.6	2.709	109.3	5.9	1.4
1464	5/21/2015 18:16:11	14.40	51.14	33.58	8.98	8.10	6.2	2.647	108.1	6.1	1.4
1465	5/21/2015 18:31:11	14.56	51.08	33.54	8.96	8.10	6.2	2.591	108.2	6.2	1.5
1466	5/21/2015 18:46:11	14.61	50.99	33.48	8.94	8.10	6.1	2.541	108.0	5.8	1.4
1467	5/21/2015 19:01:11	14.67	51.08	33.55	8.94	8.10	6.0	2.483	108.2	5.8	1.4
1468	5/21/2015 19:16:12	14.76	51.10	33.56	8.80	8.09	5.8	2.431	106.7	5.5	1.3
1469	5/21/2015 19:31:11	14.85	51.05	33.52	8.65	8.08	6.2	2.418	105.0	5.1	1.2
1470	5/21/2015 19:46:11	15.02	51.11	33.58	8.52	8.07	5.9	2.376	103.9	5.2	1.2
1471	5/21/2015 20:01:11	15.08	51.10	33.57	8.45	8.07	6.6	2.360	103.1	6.3	1.5
1472	5/21/2015 20:16:11	15.23	51.06	33.54	8.15	8.06	5.7	2.368	99.7	6.9	1.6
1473	5/21/2015 20:31:11	15.06	51.05	33.53	8.52	8.07	5.3	2.387	103.9	5.3	1.3
1474	5/21/2015 20:46:11	14.98	51.05	33.53	8.59	8.07	6.1	2.412	104.6	5.1	1.2
1475	5/21/2015 21:01:10	14.92	51.05	33.53	8.63	8.07	5.9	2.443	105.0	5.5	1.3
1476	5/21/2015 21:16:11	14.84	51.10	33.56	8.63	8.07	5.6	2.505	104.8	5.1	1.2
1477	5/21/2015 21:31:11	14.76	51.12	33.57	8.58	8.07	5.4	2.556	104.1	5.2	1.2
1478	5/21/2015 21:46:11	14.69	51.07	33.54	8.63	8.07	6.1	2.628	104.5	4.6	1.1
1479	5/21/2015 22:01:11	14.44	51.00	33.48	8.78	8.08	5.3	2.695	105.7	8.7	2.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1480	5/21/2015 22:16:11	14.25	51.19	33.61	8.87	8.08	5.4	2.765	106.5	5.6	1.3
1481	5/21/2015 22:31:11	13.95	50.89	33.38	8.98	8.08	6.1	2.841	106.9	8.0	1.9
1482	5/21/2015 22:46:11	13.48	51.04	33.48	8.98	8.08	5.6	2.902	106.0	8.7	2.0
1483	5/21/2015 23:01:11	13.32	51.04	33.47	8.97	8.08	5.8	2.985	105.6	8.8	2.1
1484	5/21/2015 23:16:10	13.18	51.07	33.49	9.00	8.08	5.1	3.056	105.6	9.5	2.2
1485	5/21/2015 23:31:11	12.96	51.04	33.46	9.05	8.08	6.1	3.126	105.8	9.5	2.2
1486	5/21/2015 23:46:11	12.78	50.84	33.30	9.12	8.08	5.7	3.205	106.1	10.9	2.6
1487	5/22/2015 00:01:12	12.57	51.08	33.47	9.21	8.09	5.6	3.281	106.7	9.9	2.3
1488	5/22/2015 00:16:11	12.34	50.98	33.38	9.33	8.10	4.8	3.351	107.5	12.1	2.8
1489	5/22/2015 00:31:11	12.20	51.22	33.55	9.38	8.10	4.7	3.413	107.9	11.5	2.7
1490	5/22/2015 00:46:11	12.05	51.13	33.48	9.50	8.10	5.2	3.480	108.9	10.8	2.5
1491	5/22/2015 01:01:11	11.88	51.06	33.42	9.61	8.11	4.4	3.540	109.7	11.5	2.7
1492	5/22/2015 01:16:11	11.77	51.23	33.54	9.65	8.11	4.5	3.585	110.0	18.7	4.4
1493	5/22/2015 01:31:11	11.70	51.18	33.50	9.66	8.12	3.5	3.620	109.9	13.6	3.2
1494	5/22/2015 01:46:11	11.66	51.06	33.41	9.60	8.12	3.1	3.658	109.1	14.7	3.4
1495	5/22/2015 02:01:11	11.63	51.06	33.41	9.57	8.11	2.9	3.671	108.7	14.8	3.5
1496	5/22/2015 02:16:11	11.69	51.21	33.52	9.43	8.10	3.6	3.658	107.4	8.8	2.1
1497	5/22/2015 02:31:11	11.86	51.21	33.53	9.35	8.10	3.3	3.642	106.8	6.4	1.5
1498	5/22/2015 02:46:11	11.98	51.17	33.50	9.26	8.09	3.7	3.608	106.0	6.5	1.5
1499	5/22/2015 03:01:11	12.18	51.12	33.48	9.10	8.09	5.1	3.542	104.7	7.1	1.7
1500	5/22/2015 03:16:11	12.14	51.22	33.55	9.10	8.09	5.9	3.475	104.5	9.2	2.2
1501	5/22/2015 03:31:11	12.12	51.19	33.53	9.19	8.09	6.9	3.392	105.5	9.8	2.3
1502	5/22/2015 03:46:11	12.45	51.07	33.46	8.93	8.08	7.6	3.302	103.2	9.6	2.3
1503	5/22/2015 04:01:11	12.86	51.14	33.52	8.72	8.07	7.8	3.204	101.7	8.0	1.9
1504	5/22/2015 04:16:11	12.98	51.15	33.54	8.68	8.07	8.7	3.107	101.5	7.0	1.6
1505	5/22/2015 04:31:11	13.00	51.20	33.57	8.65	8.07	8.0	2.993	101.3	8.2	1.9
1506	5/22/2015 04:46:11	13.24	51.18	33.57	8.40	8.05	8.9	2.886	98.7	7.4	1.7
1507	5/22/2015 05:01:11	13.70	51.15	33.56	8.02	8.03	9.2	2.785	95.2	6.3	1.5
1508	5/22/2015 05:16:11	13.97	51.07	33.51	7.66	8.01	10.5	2.659	91.4	4.9	1.1
1509	5/22/2015 05:31:10	13.82	51.11	33.54	7.79	8.01	10.0	2.548	92.6	4.8	1.1
1510	5/22/2015 05:46:11	13.90	51.16	33.58	7.92	8.02	10.3	2.419	94.4	5.2	1.2
1511	5/22/2015 06:01:11	13.37	51.17	33.57	8.10	8.03	10.8	2.302	95.5	4.9	1.2
1512	5/22/2015 06:16:11	13.98	51.04	33.50	7.94	8.02	11.1	2.175	94.7	5.1	1.2
1513	5/22/2015 06:31:11	14.07	51.07	33.52	7.90	8.02	11.1	2.034	94.5	4.8	1.1
1514	5/22/2015 06:46:11	14.12	51.22	33.63	7.87	8.02	10.8	1.915	94.2	5.0	1.2
1515	5/22/2015 07:01:11	14.34	51.11	33.56	7.79	8.01	10.2	1.784	93.7	4.7	1.1
1516	5/22/2015 07:16:11	14.37	51.02	33.49	7.76	8.01	8.8	1.678	93.3	4.7	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	Fluorescence %FS
1517	5/22/2015 07:31:11	14.43	51.21	33.63	7.74	8.01	8.7	1.560	93.3	5.1	1.2
1518	5/22/2015 07:46:11	14.48	51.11	33.56	7.72	8.01	8.4	1.457	93.0	4.2	1.0
1519	5/22/2015 08:01:11	14.67	51.03	33.51	7.62	8.01	9.6	1.390	92.3	4.2	1.0
1520	5/22/2015 08:16:11	14.65	51.15	33.60	7.58	8.00	7.0	1.322	91.7	4.7	1.1
1521	5/22/2015 08:31:11	14.69	51.13	33.58	7.59	8.00	6.5	1.304	91.9	4.4	1.0
1522	5/22/2015 08:46:11	14.63	50.99	33.48	7.95	8.02	8.1	1.293	96.1	4.5	1.1
1523	5/22/2015 09:01:11	15.21	51.13	33.60	7.54	8.00	8.2	1.327	92.3	4.1	1.0
1524	5/22/2015 09:16:11	15.26	51.11	33.58	7.45	8.00	8.5	1.387	91.3	4.6	1.1
1525	5/22/2015 09:31:11	15.41	50.92	33.45	7.36	7.99	8.9	1.418	90.4	5.0	1.2
1526	5/22/2015 09:46:11	15.47	51.11	33.58	7.26	7.98	11.9	1.519	89.2	4.4	1.0
1527	5/22/2015 10:01:10	15.39	51.05	33.54	7.29	7.98	9.7	1.585	89.5	3.7	0.9
1528	5/22/2015 10:16:10	15.49	50.94	33.46	7.30	7.98	10.1	1.666	89.7	4.7	1.1
1529	5/22/2015 10:31:10	15.33	50.93	33.45	7.29	7.98	9.7	1.741	89.3	4.0	0.9
1530	5/22/2015 10:46:11	15.27	50.96	33.47	7.30	7.98	10.0	1.809	89.4	3.9	0.9
1531	5/22/2015 11:01:11	15.14	51.06	33.54	7.42	7.98	10.0	1.907	90.6	3.7	0.9
1532	5/22/2015 11:16:11	15.08	51.00	33.50	7.45	7.99	8.7	1.976	90.9	4.9	1.2
1533	5/22/2015 11:31:11	14.99	50.98	33.48	7.46	7.99	8.2	2.078	90.9	4.6	1.1
1534	5/22/2015 11:46:11	14.86	51.07	33.54	7.57	7.99	8.1	2.157	92.0	4.1	1.0
1535	5/22/2015 12:01:10	14.61	50.93	33.43	7.84	8.01	7.1	2.244	94.7	4.8	1.1
1536	5/22/2015 12:16:10	14.52	51.04	33.51	7.91	8.01	7.3	2.344	95.4	5.4	1.3
1537	5/22/2015 12:31:11	14.48	50.86	33.38	7.96	8.02	6.9	2.430	95.9	6.0	1.4
1538	5/22/2015 12:46:11	14.43	51.05	33.52	8.04	8.02	7.4	2.533	96.8	5.4	1.3
1539	5/22/2015 13:01:11	14.32	51.01	33.48	8.12	8.03	7.8	2.614	97.6	5.9	1.4
1540	5/22/2015 13:16:11	14.26	51.11	33.55	8.25	8.03	8.4	2.700	99.1	6.4	1.5
1541	5/22/2015 13:31:11	14.25	51.20	33.62	8.38	8.04	7.1	0.765	100.6	6.5	1.5
Mean		13.98	50.91	33.39	8.11	8.00	9.96	2.60	96.70	6.33	1.49
Minimum		10.47	49.39	32.34	6.61	7.82	2.60	0.77	74.30	2.20	0.50
Maximum		17.55	51.61	33.76	10.53	8.17	123.70	4.04	125.50	99.90	23.50

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

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 #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
0	5/22/2015 15:00:52	13.78	51.07	33.51	8.78	8.10	9.8	2.937	104.3	7.7	1.8
1	5/22/2015 15:15:52	13.58	51.13	33.55	8.99	8.12	8.6	3.013	106.5	8.2	2.0
2	5/22/2015 15:30:52	13.25	51.07	33.49	9.19	8.14	8.7	3.087	108.0	7.6	1.8
3	5/22/2015 15:45:52	13.00	51.11	33.51	9.33	8.15	8.0	3.154	109.2	7.2	1.7
4	5/22/2015 16:00:52	12.76	51.10	33.49	9.49	8.17	7.2	3.214	110.5	8.9	2.1
5	5/22/2015 16:15:52	12.60	51.08	33.47	9.66	8.18	7.6	3.278	112.0	9.5	2.3
6	5/22/2015 16:30:52	12.56	51.19	33.55	9.68	8.19	4.3	3.319	112.2	10.2	2.4
7	5/22/2015 16:45:52	12.56	51.17	33.54	9.69	8.19	2.6	3.345	112.3	8.6	2.0
8	5/22/2015 17:00:52	12.56	51.14	33.51	9.55	8.18	3.0	3.362	110.7	14.5	3.4
9	5/22/2015 17:15:52	12.53	51.18	33.54	9.47	8.18	3.8	3.357	109.7	21.9	5.2
10	5/22/2015 17:30:52	12.57	51.18	33.54	9.57	8.19	3.5	3.325	110.9	7.9	1.9
11	5/22/2015 17:45:52	12.69	51.16	33.53	9.50	8.19	5.4	3.281	110.4	6.3	1.5
12	5/22/2015 18:00:52	13.06	51.18	33.57	9.47	8.19	6.8	3.237	110.9	8.0	1.9
13	5/22/2015 18:15:52	13.12	51.13	33.53	9.63	8.20	9.4	3.159	112.9	10.1	2.4
14	5/22/2015 18:30:52	13.22	51.18	33.57	9.67	8.20	8.4	3.090	113.7	10.8	2.6
15	5/22/2015 18:45:52	13.31	51.19	33.58	9.61	8.20	9.4	3.022	113.1	8.9	2.1
16	5/22/2015 19:00:52	13.42	51.21	33.60	9.50	8.20	8.3	2.944	112.2	7.6	1.8
17	5/22/2015 19:15:52	13.70	51.20	33.60	9.32	8.19	9.5	2.875	110.6	7.8	1.8
18	5/22/2015 19:30:53	13.67			9.54	8.19	10.4	2.814	110.2	7.9	1.9
19	5/22/2015 19:45:53	13.87			9.48	8.18	10.1	2.754	110.0	8.5	2.0
20	5/22/2015 20:00:53	13.94			9.32	8.17	10.0	2.685	108.2	7.4	1.8
21	5/22/2015 20:15:52	13.89	51.27	33.66	8.97	8.17	10.2	2.623	106.9	7.5	1.8
22	5/22/2015 20:30:53	14.51			8.91	8.15	12.5	2.572	104.6	5.8	1.4
23	5/22/2015 20:45:52	14.49	51.11	33.56	8.63	8.15	12.0	2.525	104.1	5.8	1.4
24	5/22/2015 21:00:52	14.81	51.15	33.60	8.44	8.13	10.9	2.489	102.4	5.8	1.4
25	5/22/2015 21:15:52	15.00	51.22	33.65	8.32	8.12	11.5	2.447	101.4	5.4	1.3
26	5/22/2015 21:30:52	15.06	51.13	33.59	8.27	8.12	10.3	2.421	100.9	4.6	1.1
27	5/22/2015 21:45:52	15.28	51.09	33.57	8.12	8.11	11.2	2.401	99.5	4.1	1.0
28	5/22/2015 22:00:52	15.33	51.19	33.64	8.04	8.11	9.0	2.405	98.7	4.1	1.0
29	5/22/2015 22:15:52	15.43	51.07	33.55	8.06	8.10	10.8	2.410	99.1	4.6	1.1
30	5/22/2015 22:30:52	15.45	51.14	33.60	8.19	8.11	9.7	2.425	100.7	5.0	1.2
31	5/22/2015 22:45:52	15.43	51.11	33.59	8.14	8.11	9.2	2.464	100.0	4.0	0.9
32	5/22/2015 23:00:52	15.47	51.15	33.61	8.11	8.10	8.8	2.496	99.8	4.3	1.0
33	5/22/2015 23:15:52	15.44	51.13	33.60	8.15	8.10	8.7	2.547	100.2	4.9	1.2
34	5/22/2015 23:30:53	15.16			8.48	8.10	8.7	2.611	101.0	4.1	1.0
35	5/22/2015 23:45:53	15.22			8.54	8.10	8.8	2.672	101.7	4.1	1.0
36	5/23/2015 00:00:53	15.01			8.65	8.11	8.3	2.726	102.6	4.7	1.1

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
37	5/23/2015 00:15:53	14.80			8.77	8.11	7.8	2.791	103.6	5.1	1.2
38	5/23/2015 00:30:53	14.69			8.84	8.12	7.1	2.859	104.1	4.3	1.0
39	5/23/2015 00:45:53	14.27			9.09	8.13	6.5	2.911	106.2	5.0	1.2
40	5/23/2015 01:00:52	13.77	51.18	33.59	9.08	8.15	6.3	2.972	107.9	5.8	1.4
41	5/23/2015 01:15:53	13.55			9.42	8.15	5.1	3.039	108.5	6.2	1.5
42	5/23/2015 01:30:53	13.37			9.48	8.15	5.3	3.096	108.6	8.8	2.1
43	5/23/2015 01:45:53	13.26			9.50	8.16	4.7	3.165	108.6	5.9	1.4
44	5/23/2015 02:00:53	13.19			9.50	8.16	4.4	3.219	108.7	7.1	1.7
45	5/23/2015 02:15:53	13.11			9.52	8.16	4.4	3.279	108.8	7.4	1.8
46	5/23/2015 02:30:53	12.97			9.58	8.17	4.0	3.331	109.1	5.9	1.4
47	5/23/2015 02:45:52	12.83	51.22	33.59	9.36	8.17	3.3	3.369	109.2	7.5	1.8
48	5/23/2015 03:00:53	12.69			9.65	8.17	3.2	3.426	109.2	6.2	1.5
49	5/23/2015 03:15:53	12.62			9.64	8.17	2.9	3.466	108.8	5.6	1.3
50	5/23/2015 03:30:52	12.58	51.20	33.56	9.33	8.18	2.5	3.476	108.2	8.2	1.9
51	5/23/2015 03:45:53	12.57			9.48	8.17	1.6	3.501	107.2	6.6	1.6
52	5/23/2015 04:00:53	12.67			9.06	8.15	2.0	3.513	102.6	11.1	2.6
53	5/23/2015 04:15:52	12.69	51.14	33.52	8.97	8.15	3.6	3.481	104.2	6.3	1.5
54	5/23/2015 04:30:53	12.55			9.40	8.16	3.4	3.465	106.1	6.5	1.6
55	5/23/2015 04:45:53	12.77			9.25	8.16	5.1	3.414	104.9	5.0	1.2
56	5/23/2015 05:00:53	12.93			9.19	8.15	5.7	3.359	104.6	5.5	1.3
57	5/23/2015 05:15:52	12.89	51.27	33.62	9.02	8.16	6.4	3.280	105.3	7.3	1.7
58	5/23/2015 05:30:52	13.02	51.26	33.62	8.93	8.15	7.8	3.194	104.6	6.7	1.6
59	5/23/2015 05:45:52	13.30	51.23	33.61	8.72	8.14	9.4	3.108	102.7	5.5	1.3
60	5/23/2015 06:00:52	13.51	51.18	33.58	8.56	8.13	8.9	3.029	101.2	5.3	1.3
61	5/23/2015 06:15:52	13.66	51.17	33.58	8.37	8.11	8.5	2.939	99.3	5.3	1.3
62	5/23/2015 06:30:53	13.89			8.32	8.09	9.1	2.836	96.6	4.2	1.0
63	5/23/2015 06:45:52	14.14	51.13	33.57	7.74	8.07	10.1	2.732	92.7	3.2	0.8
64	5/23/2015 07:00:52	14.37	51.23	33.65	7.45	8.05	10.0	2.655	89.7	3.6	0.8
65	5/23/2015 07:15:53	14.50			7.75	8.05	11.7	2.543	91.2	3.6	0.8
66	5/23/2015 07:30:53	14.35			7.80	8.05	10.8	2.425	91.6	3.8	0.9
67	5/23/2015 07:45:52	14.35	51.22	33.64	7.82	8.07	10.1	2.311	94.1	3.4	0.8
68	5/23/2015 08:00:52	14.03	51.22	33.63	8.08	8.09	8.7	2.211	96.5	4.8	1.1
69	5/23/2015 08:15:52	14.47	51.22	33.64	7.88	8.08	10.2	2.089	95.0	3.9	0.9
70	5/23/2015 08:30:52	14.43	51.24	33.65	7.90	8.08	8.3	1.969	95.2	3.2	0.8
71	5/23/2015 08:45:52	14.57	51.23	33.65	7.80	8.07	10.0	1.869	94.3	3.3	0.8
72	5/23/2015 09:00:52	14.63	51.22	33.64	7.84	8.07	8.3	1.773	94.8	3.5	0.8
73	5/23/2015 09:15:53	14.61			8.11	8.07	8.0	1.678	95.7	3.3	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
74	5/23/2015 09:30:52	14.67	51.25	33.67	7.95	8.08	8.1	1.587	96.2	3.0	0.7
75	5/23/2015 09:45:53	14.88			7.96	8.07	8.7	1.531	94.4	2.3	0.5
76	5/23/2015 10:00:52	14.90	51.25	33.67	7.74	8.07	7.3	1.485	94.2	3.6	0.8
77	5/23/2015 10:15:52	14.96	51.17	33.62	7.52	8.05	5.9	1.473	91.6	2.9	0.7
78	5/23/2015 10:30:52	15.07	51.09	33.56	7.69	8.07	6.9	1.454	93.9	3.0	0.7
79	5/23/2015 10:45:53	15.33			7.68	8.05	9.2	1.490	91.8	3.0	0.7
80	5/23/2015 11:00:52	15.32	51.27	33.70	7.43	8.05	8.9	1.524	91.2	2.8	0.7
81	5/23/2015 11:15:52	15.44	51.19	33.64	7.35	8.05	10.4	1.574	90.4	3.1	0.7
82	5/23/2015 11:30:52	15.49	51.28	33.71	7.36	8.05	10.8	1.619	90.6	3.5	0.8
83	5/23/2015 11:45:52	15.51	51.24	33.69	7.39	8.05	10.1	1.684	91.1	3.5	0.8
84	5/23/2015 12:00:52	15.49	51.10	33.58	7.30	8.04	10.9	1.756	89.8	3.1	0.7
85	5/23/2015 12:15:52	15.36	51.12	33.59	7.25	8.03	11.0	1.808	89.0	3.3	0.8
86	5/23/2015 12:30:52	15.28	51.10	33.57	7.25	8.04	10.9	1.878	88.8	3.0	0.7
87	5/23/2015 12:45:52	15.23	51.17	33.62	7.27	8.04	11.1	1.954	89.0	3.3	0.8
88	5/23/2015 13:00:52	15.14	51.14	33.60	7.39	8.04	10.9	2.036	90.3	3.4	0.8
89	5/23/2015 13:15:52	15.13	51.20	33.64	7.40	8.04	10.0	2.107	90.5	3.8	0.9
90	5/23/2015 13:30:52	15.08	51.20	33.64	7.46	8.04	8.9	2.185	91.1	3.3	0.8
91	5/23/2015 13:45:52	14.88	51.15	33.60	7.70	8.06	8.0	2.280	93.6	3.8	0.9
92	5/23/2015 14:00:52	14.74	51.19	33.63	7.87	8.07	7.6	2.364	95.4	2.9	0.7
93	5/23/2015 14:15:53	14.67			8.22	8.07	7.9	2.457	97.0	4.8	1.1
94	5/23/2015 14:30:53	14.63			8.28	8.07	6.5	2.541	97.6	4.1	1.0
95	5/23/2015 14:45:52	14.57	51.25	33.67	8.16	8.08	7.3	2.618	98.7	5.9	1.4
96	5/23/2015 15:00:53	14.56			8.48	8.09	6.2	2.709	99.9	5.1	1.2
97	5/23/2015 15:15:53	14.50			8.63	8.10	7.2	2.792	101.7	5.5	1.3
98	5/23/2015 15:30:53	14.52			8.78	8.11	7.5	2.855	103.5	6.2	1.5
99	5/23/2015 15:45:53	14.26			8.84	8.11	7.6	2.936	103.5	5.2	1.2
100	5/23/2015 16:00:53	14.12			9.02	8.12	9.2	3.003	105.3	5.5	1.3
101	5/23/2015 16:15:52	13.96	51.10	33.53	9.04	8.14	7.3	3.055	107.8	5.6	1.3
102	5/23/2015 16:30:53	13.74			9.43	8.15	6.8	3.120	109.3	6.6	1.6
103	5/23/2015 16:45:52	13.53	51.14	33.55	9.30	8.16	5.9	3.176	110.0	7.3	1.7
104	5/23/2015 17:00:52	13.32	51.20	33.59	9.41	8.17	6.3	3.225	110.8	7.8	1.8
105	5/23/2015 17:15:53	13.09			9.76	8.17	2.6	3.266	111.8	7.4	1.8
106	5/23/2015 17:30:53	13.02			9.71	8.17	3.7	3.309	111.0	10.5	2.5
107	5/23/2015 17:45:53	12.98			9.65	8.17	2.1	3.321	110.3	6.6	1.6
108	5/23/2015 18:00:53	12.98			9.45	8.16	3.1	3.313	107.9	3.5	0.8
109	5/23/2015 18:15:53	13.04			9.61	8.17	3.7	3.295	109.8	6.6	1.6
110	5/23/2015 18:30:53	13.14			9.53	8.17	4.1	3.264	109.3	5.0	1.2

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
111	5/23/2015 18:45:53	13.60			9.41	8.16	7.5	3.226	109.0	6.5	1.6
112	5/23/2015 19:00:53	13.55			9.52	8.17	13.3	3.159	110.0	8.3	2.0
113	5/23/2015 19:15:53	13.48			9.52	8.17	12.2	3.098	110.0	8.5	2.0
114	5/23/2015 19:30:53	13.49			9.48	8.17	10.4	3.043	109.6	6.6	1.6
115	5/23/2015 19:45:53	13.52			9.40	8.17	9.9	2.961	108.6	7.8	1.9
116	5/23/2015 20:00:53	13.58			9.31	8.16	11.4	2.893	107.8	5.9	1.4
117	5/23/2015 20:15:53	13.87			9.16	8.16	10.9	2.836	106.6	6.1	1.5
118	5/23/2015 20:30:53	13.94			9.01	8.14	10.8	2.778	105.1	7.9	1.9
119	5/23/2015 20:45:53	14.13			8.83	8.13	12.8	2.722	103.4	7.3	1.7
120	5/23/2015 21:00:53	14.28			8.71	8.12	14.1	2.654	102.2	6.2	1.5
121	5/23/2015 21:15:52	14.34	51.23	33.65	8.40	8.12	12.0	2.617	101.0	5.6	1.3
122	5/23/2015 21:30:52	14.86	51.19	33.63	8.11	8.10	14.2	2.567	98.6	10.6	2.5
123	5/23/2015 21:45:53	14.96			8.24	8.09	13.9	2.517	98.1	6.2	1.5
124	5/23/2015 22:00:52	15.21			7.95	8.08	13.7	2.477	97.3	3.9	0.9
125	5/23/2015 22:15:52	15.62	51.27	33.70	7.83	8.08	14.5	2.453	96.6	5.1	1.2
126	5/23/2015 22:30:52	15.85	51.25	33.70	7.76	8.09	14.5	2.427	96.2	5.1	1.2
127	5/23/2015 22:45:52	15.89	51.24	33.69	7.72	8.08	12.7	2.389	95.9	3.8	0.9
128	5/23/2015 23:00:52	15.96	51.10	33.59	7.63	8.07	13.1	2.390	94.7	4.2	1.0
129	5/23/2015 23:15:52	16.06	51.23	33.69	7.66	8.08	14.2	2.409	95.4	4.6	1.1
130	5/23/2015 23:30:52	15.86	51.23	33.69	7.71	8.08	13.6	2.409	95.7	4.2	1.0
131	5/23/2015 23:45:52	15.83	51.25	33.70	7.69	8.08	13.4	2.419	95.3	4.4	1.0
132	5/24/2015 00:00:52	15.80	51.24	33.69	7.77	8.07	12.8	2.455	96.2	4.3	1.0
133	5/24/2015 00:15:52	15.79	51.24	33.69	7.81	8.07	13.7	2.500	96.8	4.8	1.2
134	5/24/2015 00:30:52	15.64	51.17	33.64	7.81	8.06	13.5	2.543	96.5	5.1	1.2
135	5/24/2015 00:45:53	15.63			8.12	8.07	11.7	2.583	98.0	10.8	2.6
136	5/24/2015 01:00:53	15.52			8.15	8.07	10.0	2.650	98.0	3.5	0.8
137	5/24/2015 01:15:52	15.31	51.10	33.57	8.03	8.07	10.3	2.696	98.4	4.8	1.1
138	5/24/2015 01:30:52	15.20	51.19	33.64	8.10	8.08	9.1	2.739	99.1	5.0	1.2
139	5/24/2015 01:45:53	14.89			8.49	8.09	10.1	2.799	100.9	6.1	1.4
140	5/24/2015 02:00:53	14.40			8.76	8.11	8.1	2.849	103.1	4.9	1.2
141	5/24/2015 02:15:53	14.14			8.89	8.12	6.6	2.913	104.0	6.0	1.4
142	5/24/2015 02:30:52	13.86	51.24	33.63	8.76	8.12	6.7	2.941	104.3	5.5	1.3
143	5/24/2015 02:45:53	13.66			9.01	8.13	5.3	3.001	104.5	6.4	1.5
144	5/24/2015 03:00:52	13.53			8.83	8.13	5.3	3.044	104.5	6.3	1.5
145	5/24/2015 03:15:53	13.44			9.04	8.13	3.9	3.102	104.4	6.1	1.4
146	5/24/2015 03:30:53	13.42			9.03	8.13	4.9	3.140	104.1	4.5	1.1
147	5/24/2015 03:45:53	13.33			9.00	8.13	4.0	3.182	103.6	6.8	1.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
148	5/24/2015 04:00:53	13.26			8.93	8.13	3.3	3.222	102.7	5.0	1.2
149	5/24/2015 04:15:53	13.11			8.95	8.13	3.2	3.255	102.5	6.1	1.4
150	5/24/2015 04:30:52	12.94	51.29	33.64	8.61	8.12	2.6	3.258	100.7	4.3	1.0
151	5/24/2015 04:45:52	12.90	51.27	33.62	8.34	8.10	3.1	3.267	97.4	3.8	0.9
152	5/24/2015 05:00:52	12.85	51.33	33.66	8.36	8.11	3.3	3.269	97.6	3.9	0.9
153	5/24/2015 05:15:52	12.93	51.31	33.65	8.36	8.11	2.9	3.253	97.7	3.9	0.9
154	5/24/2015 05:30:53	12.97			8.59	8.11	3.8	3.222	98.3	3.8	0.9
155	5/24/2015 05:45:53	13.19			8.63	8.11	5.4	3.168	99.1	3.9	0.9
156	5/24/2015 06:00:52	13.44	51.28	33.65	8.31	8.11	5.9	3.112	98.2	3.8	0.9
157	5/24/2015 06:15:53	13.76			8.47	8.10	8.3	3.059	98.4	2.9	0.7
158	5/24/2015 06:30:53	13.93			8.31	8.09	7.2	2.977	96.8	3.1	0.7
159	5/24/2015 06:45:53	14.03			8.28	8.09	8.4	2.904	96.7	2.7	0.6
160	5/24/2015 07:00:53	14.31			8.02	8.07	8.1	2.827	94.3	3.9	0.9
161	5/24/2015 07:15:53	14.48			7.82	8.06	8.1	2.740	92.3	3.1	0.7
162	5/24/2015 07:30:53	14.62			7.62	8.04	10.6	2.657	90.0	3.3	0.8
163	5/24/2015 07:45:53	14.72			7.40	8.02	8.5	2.573	87.6	2.2	0.5
164	5/24/2015 08:00:53	14.82			7.22	8.01	9.8	2.482	85.8	3.1	0.7
165	5/24/2015 08:15:52	15.00	51.21	33.65	7.11	8.02	9.7	2.384	86.6	2.9	0.7
166	5/24/2015 08:30:52	15.04	51.19	33.64	7.03	8.01	10.0	2.288	85.7	3.3	0.8
167	5/24/2015 08:45:52	15.05	51.25	33.68	7.19	8.02	13.3	2.198	87.8	2.7	0.6
168	5/24/2015 09:00:52	15.01	51.23	33.66	7.28	8.03	9.1	2.105	88.7	2.7	0.7
169	5/24/2015 09:15:52	15.01	51.22	33.66	7.40	8.04	12.5	2.009	90.3	3.0	0.7
170	5/24/2015 09:30:53	15.11			7.59	8.04	10.9	1.926	90.7	2.6	0.6
171	5/24/2015 09:45:53	15.27			7.61	8.05	12.7	1.848	91.2	3.8	0.9
172	5/24/2015 10:00:53	15.23			7.79	8.06	9.0	1.758	93.4	2.7	0.7
173	5/24/2015 10:15:52	15.37			7.77	8.07	9.4	1.691	95.4	3.1	0.7
174	5/24/2015 10:30:52	15.61	51.29	33.72	7.48	8.06	9.4	1.642	92.3	2.8	0.7
175	5/24/2015 10:45:52	15.69	51.20	33.65	7.50	8.07	10.8	1.598	92.7	3.7	0.9
176	5/24/2015 11:00:52	15.84	51.27	33.71	7.41	8.07	9.7	1.584	91.8	3.2	0.8
177	5/24/2015 11:15:52	15.99	51.19	33.65	7.32	8.07	7.5	1.581	91.0	2.3	0.5
178	5/24/2015 11:30:52	16.13	51.24	33.70	7.17	8.05	9.0	1.578	89.4	3.4	0.8
179	5/24/2015 11:45:52	16.10	51.22	33.68	7.21	8.05	12.6	1.612	89.8	4.6	1.1
180	5/24/2015 12:00:52	16.03	51.30	33.74	7.21	8.05	10.9	1.646	89.7	4.0	0.9
181	5/24/2015 12:15:52	16.09	51.22	33.68	7.07	8.04	12.0	1.700	88.1	3.6	0.8
182	5/24/2015 12:30:52	16.09	51.31	33.75	7.07	8.04	11.7	1.738	88.1	3.4	0.8
183	5/24/2015 12:45:52	16.14	51.12	33.61	7.05	8.03	13.8	1.799	87.8	4.5	1.1
184	5/24/2015 13:00:52	16.02	51.15	33.63	6.98	8.02	15.2	1.868	86.9	3.1	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
185	5/24/2015 13:15:52	15.87	51.14	33.62	7.03	8.02	16.6	1.928	87.1	3.9	0.9
186	5/24/2015 13:30:52	15.83	51.18	33.65	6.98	8.01	11.7	1.990	86.5	3.8	0.9
187	5/24/2015 13:45:52	15.75	51.21	33.66	7.03	8.02	10.1	2.048	87.0	3.7	0.9
188	5/24/2015 14:00:52	15.69	51.15	33.62	7.09	8.02	10.0	2.128	87.6	3.3	0.8
189	5/24/2015 14:15:52	15.61	51.27	33.71	7.09	8.01	9.7	2.206	87.5	3.1	0.7
190	5/24/2015 14:30:52	15.46	51.18	33.64	7.21	8.02	8.9	2.268	88.7	3.0	0.7
191	5/24/2015 14:45:53	15.21			7.72	8.04	7.5	2.357	92.3	3.7	0.9
192	5/24/2015 15:00:53	15.00			7.99	8.05	7.2	2.435	95.2	4.2	1.0
193	5/24/2015 15:15:53	14.89			8.12	8.06	7.0	2.517	96.6	4.4	1.0
194	5/24/2015 15:30:52	14.88			51.23	33.66	7.97	8.06	6.5	2.575	96.9
195	5/24/2015 15:45:52	14.92	51.25	33.68	8.10	8.07	6.7	2.651	98.5	4.3	1.0
196	5/24/2015 16:00:53	14.88			8.46	8.08	7.0	2.735	100.7	4.9	1.2
197	5/24/2015 16:15:53	14.79			8.60	8.09	7.5	2.806	102.1	3.4	0.8
198	5/24/2015 16:30:53	14.52			8.66	8.09	7.7	2.872	102.2	4.0	1.0
199	5/24/2015 16:45:52	14.27			51.22	33.63	8.57	8.10	7.6	2.938	102.9
200	5/24/2015 17:00:53	14.09			8.97	8.11	7.1	3.014	105.0	5.7	1.4
201	5/24/2015 17:15:53	13.84			9.13	8.12	8.0	3.070	106.2	6.2	1.5
202	5/24/2015 17:30:52	13.61	51.25	33.64	9.01	8.13	5.4	3.120	106.8	6.2	1.5
203	5/24/2015 17:45:52	13.47	51.24	33.62	9.02	8.13	4.7	3.170	106.6	7.1	1.7
204	5/24/2015 18:00:53	13.19			9.28	8.13	3.7	3.221	106.7	5.2	1.2
205	5/24/2015 18:15:52	13.05			51.32	33.66	9.05	8.13	2.8	3.242	106.1
206	5/24/2015 18:30:53	12.99			9.20	8.13	2.6	3.268	105.3	7.5	1.8
207	5/24/2015 18:45:53	12.96			8.85	8.11	2.6	3.267	101.2	4.9	1.2
208	5/24/2015 19:00:53	13.04			9.06	8.12	3.2	3.260	103.7	6.3	1.5
209	5/24/2015 19:15:53	13.12			9.09	8.12	3.7	3.227	104.2	4.5	1.1
210	5/24/2015 19:30:53	13.53			8.93	8.12	5.3	3.179	103.3	3.1	0.7
211	5/24/2015 19:45:53	13.89			8.85	8.12	6.7	3.139	103.1	3.9	0.9
212	5/24/2015 20:00:53	13.95			8.81	8.11	6.2	3.083	102.8	5.6	1.3
213	5/24/2015 20:15:53	13.93			8.84	8.12	6.5	3.021	103.2	3.9	0.9
214	5/24/2015 20:30:53	13.87			8.78	8.11	6.3	2.954	102.3	4.7	1.1
215	5/24/2015 20:45:53	14.17			8.63	8.10	6.5	2.889	101.1	5.4	1.3
216	5/24/2015 21:00:53	14.21			8.62	8.10	6.6	2.836	101.1	4.2	1.0
217	5/24/2015 21:15:53	14.21			8.57	8.10	5.7	2.771	100.6	4.1	1.0
218	5/24/2015 21:30:53	14.34			8.51	8.10	6.3	2.720	100.1	3.6	0.8
219	5/24/2015 21:45:53	14.54			8.46	8.09	6.4	2.674	99.8	3.0	0.7
220	5/24/2015 22:00:52	14.77	51.16	33.61	8.14	8.09	8.2	2.609	98.7	4.2	1.0
221	5/24/2015 22:15:52	14.71	51.28	33.69	8.11	8.09	7.5	2.558	98.4	3.3	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
222	5/24/2015 22:30:53	14.86			8.22	8.08	8.2	2.516	97.7	3.4	0.8
223	5/24/2015 22:45:52	15.12	51.30	33.72	8.00	8.08	7.9	2.467	97.8	4.3	1.0
224	5/24/2015 23:00:52	15.39	51.19	33.64	7.91	8.07	7.8	2.426	97.1	3.1	0.7
225	5/24/2015 23:15:52	15.54	51.25	33.69	7.89	8.08	8.1	2.396	97.2	3.4	0.8
226	5/24/2015 23:30:52	15.90	51.28	33.72	7.86	8.08	8.3	2.360	97.6	3.6	0.9
227	5/24/2015 23:45:52	15.90	51.18	33.65	7.74	8.07	7.9	2.338	96.1	3.6	0.8
228	5/25/2015 00:00:52	16.05	51.20	33.66	7.59	8.07	8.7	2.340	94.4	3.7	0.9
229	5/25/2015 00:15:52	16.00	51.25	33.70	7.75	8.07	7.8	2.325	96.4	3.5	0.8
230	5/25/2015 00:30:52	15.92	51.26	33.71	7.80	8.07	7.8	2.323	96.8	3.7	0.9
231	5/25/2015 00:45:52	15.81	51.25	33.70	7.83	8.07	6.8	2.348	97.0	3.6	0.9
232	5/25/2015 01:00:52	15.84	51.29	33.73	7.85	8.07	7.3	2.381	97.3	4.2	1.0
233	5/25/2015 01:15:52	15.81	51.28	33.72	7.84	8.07	7.2	2.399	97.2	3.1	0.7
234	5/25/2015 01:30:52	15.76	51.28	33.72	7.86	8.07	6.5	2.443	97.3	3.5	0.8
235	5/25/2015 01:45:52	15.60	51.20	33.65	7.87	8.06	5.4	2.487	97.1	3.6	0.8
236	5/25/2015 02:00:53	15.49			8.06	8.06	5.6	2.548	97.0	3.3	0.8
237	5/25/2015 02:15:52	15.40	51.18	33.63	7.91	8.06	5.6	2.582	97.2	3.1	0.7
238	5/25/2015 02:30:53	15.27			8.19	8.07	5.2	2.623	98.2	3.7	0.9
239	5/25/2015 02:45:52	15.14	51.19	33.64	8.08	8.07	5.5	2.682	98.8	3.5	0.8
240	5/25/2015 03:00:53	15.02			8.34	8.07	4.8	2.729	99.4	4.4	1.0
241	5/25/2015 03:15:53	14.76			8.45	8.08	5.7	2.780	100.2	4.2	1.0
242	5/25/2015 03:30:53	14.54			8.49	8.08	4.5	2.824	100.2	2.8	0.7
243	5/25/2015 03:45:53	14.36			8.47	8.08	4.3	2.874	99.6	3.8	0.9
244	5/25/2015 04:00:53	14.12			8.51	8.08	3.6	2.920	99.8	3.6	0.8
245	5/25/2015 04:15:53	14.01			8.53	8.08	3.2	2.953	99.7	3.7	0.9
246	5/25/2015 04:30:53	13.92			8.56	8.09	3.2	2.995	99.9	4.1	1.0
247	5/25/2015 04:45:52	13.84	51.26	33.65	8.37	8.09	3.7	3.030	99.6	3.3	0.8
248	5/25/2015 05:00:53	13.78			8.58	8.09	2.9	3.065	99.9	3.4	0.8
249	5/25/2015 05:15:53	13.70			8.58	8.09	2.8	3.085	99.6	4.9	1.2
250	5/25/2015 05:30:53	13.69			8.27	8.07	2.9	3.096	96.1	4.9	1.2
251	5/25/2015 05:45:53	13.67			8.18	8.07	3.9	3.116	95.0	2.7	0.6
252	5/25/2015 06:00:53	13.63			8.21	8.06	2.9	3.103	95.2	2.9	0.7
253	5/25/2015 06:15:53	13.49			8.35	8.08	2.9	3.070	96.5	4.2	1.0
254	5/25/2015 06:30:53	13.65			8.32	8.08	3.0	3.049	96.5	3.2	0.8
255	5/25/2015 06:45:53	13.70			8.34	8.08	4.6	3.010	96.8	2.0	0.5
256	5/25/2015 07:00:53	13.95			8.15	8.07	3.9	2.960	95.3	1.6	0.4
257	5/25/2015 07:15:53	14.08			8.12	8.07	6.0	2.890	95.0	3.4	0.8
258	5/25/2015 07:30:53	14.23			7.99	8.06	5.7	2.838	93.8	2.7	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
259	5/25/2015 07:45:53	14.30			7.92	8.05	5.6	2.780	93.2	3.2	0.8
260	5/25/2015 08:00:53	14.53			7.72	8.04	7.2	2.704	91.2	2.3	0.5
261	5/25/2015 08:15:53	14.74			7.54	8.03	6.5	2.638	89.5	3.0	0.7
262	5/25/2015 08:30:53	14.76			7.55	8.02	7.5	2.571	89.5	3.1	0.7
263	5/25/2015 08:45:53	14.90			7.31	8.01	8.7	2.492	87.1	2.4	0.6
264	5/25/2015 09:00:53	14.88			7.26	8.00	8.3	2.424	86.4	2.4	0.6
265	5/25/2015 09:15:53	14.69			7.72	8.03	8.4	2.344	91.6	2.5	0.6
266	5/25/2015 09:30:53	15.07			7.32	8.01	7.7	2.268	87.5	2.7	0.7
267	5/25/2015 09:45:52	14.79	51.25	33.67	7.65	8.04	8.1	2.190	92.9	4.1	1.0
268	5/25/2015 10:00:52	15.04	51.30	33.72	7.42	8.02	7.9	2.124	90.5	2.6	0.6
269	5/25/2015 10:15:53	15.19			7.68	8.03	7.8	2.049	92.1	2.8	0.7
270	5/25/2015 10:30:53	15.21			7.79	8.04	6.7	1.977	93.2	2.4	0.6
271	5/25/2015 10:45:53	15.41			7.74	8.04	7.0	1.916	93.0	3.1	0.7
272	5/25/2015 11:00:52	15.38	51.31	33.73	7.78	8.06	6.3	1.860	95.5	2.9	0.7
273	5/25/2015 11:15:53	15.54			8.03	8.06	6.8	1.825	96.9	3.3	0.8
274	5/25/2015 11:30:52	15.64			7.79	8.06	7.7	1.778	96.2	3.1	0.7
275	5/25/2015 11:45:52	15.69	51.31	33.73	7.88	8.07	6.8	1.744	97.4	4.3	1.0
276	5/25/2015 12:00:52	15.87	51.28	33.72	7.66	8.06	7.3	1.755	95.1	3.3	0.8
277	5/25/2015 12:15:52	15.95	51.26	33.71	7.57	8.05	6.8	1.754	94.1	3.8	0.9
278	5/25/2015 12:30:52	16.01	51.28	33.72	7.33	8.03	7.3	1.755	91.2	2.8	0.7
279	5/25/2015 12:45:52	16.00	51.29	33.73	7.32	8.03	8.3	1.776	91.0	4.3	1.0
280	5/25/2015 13:00:52	16.03	51.27	33.71	7.30	8.03	8.1	1.825	90.8	4.1	1.0
281	5/25/2015 13:15:52	16.00	51.31	33.75	7.14	8.02	11.0	1.866	88.8	3.0	0.7
282	5/25/2015 13:30:52	15.95	51.30	33.74	7.13	8.02	11.4	1.912	88.6	3.6	0.9
283	5/25/2015 13:45:52	15.94	51.29	33.72	7.17	8.02	10.0	1.962	89.1	3.8	0.9
284	5/25/2015 14:00:52	16.04	51.23	33.69	7.17	8.01	10.3	2.033	89.2	3.3	0.8
285	5/25/2015 14:15:52	15.91	51.22	33.68	7.13	8.01	9.0	2.097	88.5	3.7	0.9
286	5/25/2015 14:30:52	15.78	51.30	33.74	7.17	8.01	9.5	2.146	88.8	2.9	0.7
287	5/25/2015 14:45:52	15.77	51.28	33.72	7.27	8.02	8.8	2.218	90.0	3.5	0.8
288	5/25/2015 15:00:52	15.70	51.28	33.72	7.36	8.02	7.8	2.283	91.0	3.2	0.8
289	5/25/2015 15:15:52	15.59	51.30	33.73	7.28	8.01	7.5	2.356	89.8	2.9	0.7
290	5/25/2015 15:30:52	15.46	51.25	33.69	7.40	8.02	6.4	2.419	91.0	3.0	0.7
291	5/25/2015 15:45:52	15.20	51.22	33.66	7.70	8.04	6.1	2.491	94.2	4.1	1.0
292	5/25/2015 16:00:52	15.06	51.28	33.70	7.78	8.05	5.7	2.569	95.0	4.2	1.0
293	5/25/2015 16:15:52	14.94	51.20	33.64	7.91	8.05	5.8	2.632	96.3	4.5	1.1
294	5/25/2015 16:30:53	14.89			8.18	8.06	5.4	2.712	97.4	3.3	0.8
295	5/25/2015 16:45:53	14.84			8.30	8.06	5.4	2.782	98.8	3.3	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU			meters	ug/L
296	5/25/2015 17:00:52	14.72	51.24	33.66	8.26	8.07	6.1	2.844	100.2	4.1	1.0
297	5/25/2015 17:15:52	14.58	51.23	33.65	8.33	8.08	6.8	2.909	100.8	4.5	1.1
298	5/25/2015 17:30:53	14.21			8.51	8.07	5.8	2.981	99.9	4.7	1.1
299	5/25/2015 17:45:52	13.95	51.20	33.61	8.58	8.09	6.1	3.044	102.4	4.4	1.1
300	5/25/2015 18:00:53	13.77			8.91	8.10	5.0	3.107	103.8	5.4	1.3
301	5/25/2015 18:15:52	13.62	51.24	33.63	8.83	8.11	5.6	3.161	104.7	5.6	1.3
302	5/25/2015 18:30:53	13.44			9.06	8.11	4.3	3.220	104.9	6.4	1.5
303	5/25/2015 18:45:52	13.26	51.31	33.67	8.88	8.11	3.8	3.256	104.5	6.0	1.4
304	5/25/2015 19:00:53	12.98			9.08	8.11	3.4	3.300	104.0	5.0	1.2
305	5/25/2015 19:15:53	12.98			8.99	8.10	1.8	3.314	103.1	7.3	1.7
306	5/25/2015 19:30:53	12.96			8.71	8.09	2.8	3.332	99.7	7.5	1.8
307	5/25/2015 19:45:53	12.95			8.90	8.10	3.4	3.325	101.9	4.4	1.0
308	5/25/2015 20:00:53	13.02			8.89	8.10	3.1	3.305	101.9	4.8	1.1
309	5/25/2015 20:15:53	13.35			8.80	8.10	5.0	3.255	101.6	4.2	1.0
310	5/25/2015 20:30:53	13.68			8.67	8.09	5.3	3.208	100.9	3.5	0.8
311	5/25/2015 20:45:53	13.76			8.66	8.09	6.6	3.168	100.7	3.8	0.9
312	5/25/2015 21:00:53	13.72			8.65	8.09	5.9	3.098	100.5	4.3	1.0
313	5/25/2015 21:15:53	13.92			8.55	8.08	6.1	3.030	99.9	3.5	0.8
314	5/25/2015 21:30:53	14.48			8.36	8.08	7.5	2.970	98.8	3.3	0.8
315	5/25/2015 21:45:53	14.74			8.64	8.10	6.2	2.916	102.5	5.1	1.2
316	5/25/2015 22:00:53	14.81			8.60	8.09	6.2	2.854	102.2	6.0	1.4
317	5/25/2015 22:15:53	14.83			8.57	8.09	6.5	2.782	101.9	3.4	0.8
318	5/25/2015 22:30:53	15.05			8.53	8.09	5.9	2.734	101.9	3.1	0.7
319	5/25/2015 22:45:53	15.14			8.42	8.08	6.2	2.685	100.7	4.2	1.0
320	5/25/2015 23:00:52	15.35	51.25	33.69	8.17	8.08	6.6	2.605	100.3	3.8	0.9
321	5/25/2015 23:15:53	15.40			8.22	8.07	7.5	2.566	99.0	3.0	0.7
322	5/25/2015 23:30:53	15.40			8.02	8.05	9.1	2.522	96.5	3.1	0.8
323	5/25/2015 23:45:52	15.36	51.30	33.72	7.87	8.05	9.5	2.455	96.6	3.3	0.8
324	5/26/2015 00:00:53	15.59			8.00	8.06	8.2	2.416	96.6	2.6	0.6
325	5/26/2015 00:15:53	15.90			8.15	8.08	8.4	2.371	99.0	4.0	1.0
326	5/26/2015 00:30:52	15.85	51.30	33.73	7.86	8.07	8.3	2.332	97.5	4.0	0.9
327	5/26/2015 00:45:52	16.12	51.30	33.74	7.86	8.08	7.8	2.301	98.0	4.2	1.0
328	5/26/2015 01:00:52	16.23	51.33	33.76	7.90	8.08	7.6	2.276	98.7	2.6	0.6
329	5/26/2015 01:15:52	16.30	51.31	33.75	7.76	8.07	7.7	2.273	97.1	4.0	0.9
330	5/26/2015 01:30:52	16.22	51.29	33.73	7.87	8.07	7.0	2.276	98.3	3.8	0.9
331	5/26/2015 01:45:52	16.13	51.31	33.75	7.82	8.07	8.9	2.281	97.5	3.0	0.7
332	5/26/2015 02:00:52	16.04	51.28	33.73	7.87	8.07	7.8	2.294	98.0	3.7	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU			meters	ug/L
333	5/26/2015 02:15:52	15.95	51.28	33.72	7.88	8.06	9.2	2.339	97.9	3.7	0.9
334	5/26/2015 02:30:52	15.81	51.30	33.73	7.79	8.05	7.3	2.364	96.5	2.8	0.7
335	5/26/2015 02:45:52	15.70	51.32	33.74	7.72	8.04	7.1	2.406	95.5	3.5	0.8
336	5/26/2015 03:00:52	15.55	51.21	33.66	7.69	8.04	5.6	2.447	94.7	3.3	0.8
337	5/26/2015 03:15:52	15.46	51.20	33.65	7.64	8.03	6.3	2.502	94.0	3.2	0.8
338	5/26/2015 03:30:52	15.35	51.24	33.68	7.75	8.04	5.3	2.545	95.2	3.3	0.8
339	5/26/2015 03:45:52	15.25	51.16	33.62	7.80	8.04	5.0	2.584	95.6	3.2	0.8
340	5/26/2015 04:00:53	15.14			8.01	8.04	4.8	2.642	96.0	3.6	0.9
341	5/26/2015 04:15:53	15.03			8.02	8.04	4.7	2.690	95.9	3.3	0.8
342	5/26/2015 04:30:52	14.72	51.31	33.71	7.95	8.05	4.1	2.720	96.4	2.5	0.6
343	5/26/2015 04:45:52	14.53	51.15	33.59	7.98	8.05	4.3	2.761	96.4	3.6	0.8
344	5/26/2015 05:00:52	14.43	51.28	33.69	7.99	8.05	3.7	2.807	96.3	2.7	0.7
345	5/26/2015 05:15:53	14.34			8.18	8.05	3.4	2.852	96.4	2.1	0.5
346	5/26/2015 05:30:53	14.26			8.21	8.05	3.4	2.883	96.6	2.9	0.7
347	5/26/2015 05:45:53	14.16			8.22	8.05	3.1	2.920	96.5	2.9	0.7
348	5/26/2015 06:00:53	14.10			8.24	8.05	3.1	2.945	96.7	2.3	0.5
349	5/26/2015 06:15:53	14.08			8.21	8.05	2.9	2.977	96.3	2.0	0.5
350	5/26/2015 06:30:53	14.03			8.15	8.05	2.6	2.995	95.3	2.7	0.6
351	5/26/2015 06:45:53	13.93			8.14	8.05	2.6	3.013	95.2	1.9	0.4
352	5/26/2015 07:00:53	13.87			7.91	8.04	3.4	3.012	92.4	3.0	0.7
353	5/26/2015 07:15:53	13.83	51.30	33.68	7.90	8.05	3.6	3.009	94.1	2.2	0.5
354	5/26/2015 07:30:53	13.87			8.01	8.04	2.8	2.998	93.5	1.6	0.4
355	5/26/2015 07:45:53	13.86			8.12	8.05	2.8	2.962	94.7		
356	5/26/2015 08:00:53	13.95			8.10	8.05	3.7	2.928	94.7	1.8	0.4
357	5/26/2015 08:15:53	14.35			7.86	8.04	4.8	2.891	92.7	1.4	0.3
358	5/26/2015 08:30:53	14.49			7.67	8.02	6.7	2.832	90.6	2.0	0.5
359	5/26/2015 08:45:53	14.42			7.88	8.03	5.7	2.776	92.9	2.0	0.5
360	5/26/2015 09:00:53	14.48			7.89	8.03	5.8	2.726	93.2	3.6	0.9
361	5/26/2015 09:15:52	14.53	51.18	33.62	7.70	8.03	5.9	2.640	93.0	1.5	0.4
362	5/26/2015 09:30:52	14.73	51.24	33.66	7.57	8.02	7.3	2.586	91.8	2.4	0.6
363	5/26/2015 09:45:52	14.88	51.25	33.68	7.36	8.01	9.8	2.520	89.5	1.8	0.4
364	5/26/2015 10:00:53	14.87			7.54	8.01	10.1	2.464	89.9	2.1	0.5
365	5/26/2015 10:15:53	14.93			7.67	8.01	8.4	2.395	91.5	3.0	0.7
366	5/26/2015 10:30:52	15.19	51.24	33.67	7.18	8.00	8.6	2.323	87.8	2.8	0.7
367	5/26/2015 10:45:52	15.01	51.26	33.68	7.45	8.02	8.6	2.263	90.8	2.2	0.5
368	5/26/2015 11:00:52	15.31	51.23	33.67	7.45	8.02	8.4	2.187	91.3	2.5	0.6
369	5/26/2015 11:15:52	15.51	51.24	33.68	7.66	8.03	8.5	2.125	94.4	2.8	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
370	5/26/2015 11:30:53	15.50			7.66	8.02	8.6	2.079	92.3	3.2	0.8
371	5/26/2015 11:45:53	15.51			7.89	8.04	10.0	2.017	95.1	2.4	0.6
372	5/26/2015 12:00:52	15.61	51.46	33.85	7.87	8.05	9.7	1.972	97.2	2.2	0.5
373	5/26/2015 12:15:52	15.81	51.24	33.69	7.90	8.05	9.7	1.937	97.9	3.1	0.7
374	5/26/2015 12:30:52	15.88	51.33	33.75	8.00	8.06	9.1	1.909	99.3	2.4	0.6
375	5/26/2015 12:45:52	15.99	51.25	33.70	7.78	8.05	9.4	1.891	96.8	3.2	0.8
376	5/26/2015 13:00:52	16.10	51.22	33.68	7.75	8.05	11.2	1.891	96.5	2.4	0.6
377	5/26/2015 13:15:52	15.98	51.23	33.69	7.86	8.05	20.6	1.899	97.7	3.5	0.8
378	5/26/2015 13:30:52	15.99	51.21	33.67	7.82	8.04	13.1	1.911	97.2	3.8	0.9
379	5/26/2015 13:45:52	15.85	51.23	33.68	7.53	8.02	12.8	1.944	93.4	3.7	0.9
380	5/26/2015 14:00:52	15.91	51.21	33.67	7.48	8.02	8.7	1.973	92.9	4.0	0.9
381	5/26/2015 14:15:52	15.87	51.25	33.70	7.43	8.02	10.9	2.029	92.2	4.0	0.9
382	5/26/2015 14:30:52	15.87	51.27	33.71	7.42	8.02	10.1	2.068	92.0	3.4	0.8
383	5/26/2015 14:45:52	15.96	51.23	33.69	7.40	8.01	10.3	2.124	92.0	3.5	0.8
384	5/26/2015 15:00:52	15.94	51.19	33.66	7.35	8.01	9.5	2.188	91.3	3.5	0.8
385	5/26/2015 15:15:52	15.82	51.25	33.70	7.37	8.01	9.2	2.246	91.3	4.2	1.0
386	5/26/2015 15:30:53	15.66			7.50	8.00	7.3	2.316	90.7	3.4	0.8
387	5/26/2015 15:45:52	15.60	51.10	33.58	7.36	8.01	7.3	2.368	90.8	3.3	0.8
388	5/26/2015 16:00:53	15.41			7.60	8.01	6.3	2.444	91.5	3.4	0.8
389	5/26/2015 16:15:53	15.33			7.70	8.01	27.0	2.516	92.5	4.0	1.0
390	5/26/2015 16:30:52	15.26	51.19	33.64	7.68	8.02	6.1	2.569	94.0	3.3	0.8
391	5/26/2015 16:45:52	15.02	51.15	33.61	7.82	8.03	5.4	2.634	95.4	3.0	0.7
392	5/26/2015 17:00:53	14.91			8.06	8.03	5.8	2.712	96.2	3.0	0.7
393	5/26/2015 17:15:53	14.83			8.09	8.04	5.1	2.777	96.4	3.9	0.9
394	5/26/2015 17:30:53	14.75			8.16	8.04	5.0	2.842	97.1	4.0	1.0
395	5/26/2015 17:45:53	14.64	51.22	33.65	8.12	8.05	4.7	2.906	98.3	3.8	0.9
396	5/26/2015 18:00:53	14.58			8.41	8.05	5.6	2.985	99.8	3.9	0.9
397	5/26/2015 18:15:53	14.26			8.45	8.05	5.6	3.048	99.6	3.5	0.8
398	5/26/2015 18:30:52	13.84	51.11	33.54	8.45	8.07	5.6	3.105	100.5	4.7	1.1
399	5/26/2015 18:45:53	13.70			8.74	8.07	7.2	3.180	101.8	4.2	1.0
400	5/26/2015 19:00:53	13.59			8.85	8.08	4.6	3.243	102.9	4.4	1.0
401	5/26/2015 19:15:52	13.43	51.27	33.64	8.78	8.09	5.3	3.281	103.7	3.2	0.8
402	5/26/2015 19:30:52	13.27	51.32	33.67	8.79	8.09	5.2	3.329	103.5	3.8	0.9
403	5/26/2015 19:45:53	13.17			8.94	8.08	3.9	3.374	103.1	3.5	0.8
404	5/26/2015 20:00:53	13.04			8.80	8.08	2.0	3.391	101.3	3.8	0.9
405	5/26/2015 20:15:53	13.39			8.47	8.07	4.5	3.400	98.0	4.8	1.2
406	5/26/2015 20:30:52	13.12	51.27	33.63	8.56	8.08	3.3	3.384	100.4	3.7	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
407	5/26/2015 20:45:53	13.16			8.74	8.08	3.6	3.365	100.8	4.1	1.0
408	5/26/2015 21:00:53	13.54			8.59	8.07	4.7	3.325	99.8	1.9	0.4
409	5/26/2015 21:15:53	13.78			8.50	8.07	5.2	3.289	99.1	5.0	1.2
410	5/26/2015 21:30:52	13.82	51.28	33.66	8.34	8.07	6.2	3.213	99.2	6.1	1.5
411	5/26/2015 21:45:53	13.61			8.55	8.07	7.2	3.160	99.5	3.6	0.8
412	5/26/2015 22:00:52	14.25			8.38	8.08	7.0	3.089	100.6	3.7	0.9
413	5/26/2015 22:15:52	14.68			8.39	8.08	6.8	3.015	101.6	2.4	0.6
414	5/26/2015 22:30:52	14.65	51.29	33.70	8.41	8.08	7.1	2.953	101.8	3.7	0.9
415	5/26/2015 22:45:53	14.76			8.55	8.07	6.3	2.878	101.7	3.1	0.7
416	5/26/2015 23:00:53	14.87			8.49	8.07	5.9	2.816	101.3	2.7	0.6
417	5/26/2015 23:15:52	15.01			8.31	8.07	6.2	2.744	101.4	2.8	0.7
418	5/26/2015 23:30:52	15.29	51.18	33.63	8.25	8.07	7.2	2.671	101.1	2.5	0.6
419	5/26/2015 23:45:52	15.43	51.32	33.74	8.11	8.06	8.7	2.615	99.7	3.0	0.7
420	5/27/2015 00:00:52	15.38	51.29	33.72	7.89	8.04	9.6	2.551	96.9	3.2	0.8
421	5/27/2015 00:15:52	15.43	51.23	33.67	7.99	8.05	9.2	2.487	98.3	3.3	0.8
422	5/27/2015 00:30:52	15.46	51.29	33.71	7.99	8.05	8.6	2.417	98.3	2.8	0.7
423	5/27/2015 00:45:52	15.65	51.26	33.70	7.99	8.05	8.4	2.365	98.7	3.5	0.8
424	5/27/2015 01:00:52	16.04	51.32	33.75	8.03	8.07	7.8	2.306	100.0	4.0	0.9
425	5/27/2015 01:15:52	16.01	51.31	33.75	8.01	8.06	8.6	2.242	99.7	2.8	0.7
426	5/27/2015 01:30:52	15.84	51.35	33.77	7.90	8.05	8.5	2.214	98.0	3.7	0.9
427	5/27/2015 01:45:52	16.22	51.35	33.78	7.90	8.06	7.0	2.182	98.8	3.5	0.8
428	5/27/2015 02:00:52	16.32	51.31	33.75	7.79	8.06	7.2	2.152	97.5	4.4	1.0
429	5/27/2015 02:15:52	16.36	51.29	33.74	7.96	8.07	6.4	2.137	99.7	3.3	0.8
430	5/27/2015 02:30:52	16.41	51.36	33.79	7.87	8.06	7.0	2.132	98.7	4.0	1.0
431	5/27/2015 02:45:52	16.29	51.32	33.76	7.89	8.06	7.5	2.151	98.7	3.9	0.9
432	5/27/2015 03:00:52	16.26	51.35	33.78	7.91	8.06	8.7	2.182	98.9	3.4	0.8
433	5/27/2015 03:15:52	16.21	51.36	33.78	7.98	8.06	9.9	2.205	99.7	3.3	0.8
434	5/27/2015 03:30:52	16.18	51.33	33.76	7.97	8.06	9.0	2.242	99.5	2.3	0.5
435	5/27/2015 03:45:52	16.11	51.30	33.74	7.90	8.05	9.4	2.304	98.5	3.1	0.7
436	5/27/2015 04:00:52	16.02	51.20	33.66	7.64	8.02	7.0	2.347	95.0	3.0	0.7
437	5/27/2015 04:15:52	16.00	51.19	33.65	7.49	8.01	8.4	2.404	93.2	2.6	0.6
438	5/27/2015 04:30:52	15.90	51.22	33.68	7.68	8.03	7.2	2.447	95.4	2.7	0.6
439	5/27/2015 04:45:52	15.79	51.28	33.72	7.77	8.03	6.4	2.502	96.3	3.1	0.7
440	5/27/2015 05:00:52	15.68	51.24	33.69	7.81	8.03	5.7	2.552	96.5	2.7	0.6
441	5/27/2015 05:15:52	15.56	51.24	33.68	7.79	8.03	5.4	2.585	96.1	3.4	0.8
442	5/27/2015 05:30:52	15.40	51.25	33.69	7.84	8.03	4.7	2.640	96.3	3.0	0.7
443	5/27/2015 05:45:52	15.07	51.21	33.65	7.86	8.03	4.0	2.679	95.9	2.7	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
444	5/27/2015 06:00:53	14.74			8.00	8.02	4.3	2.733	95.2	2.6	0.6
445	5/27/2015 06:15:53	14.62			8.01	8.02	4.5	2.766	95.2	2.6	0.6
446	5/27/2015 06:30:53	14.53	51.29	33.70	7.85	8.03	4.0	2.807	94.9	2.4	0.6
447	5/27/2015 06:45:53	14.46			8.03	8.03	3.0	2.848	95.0	2.6	0.6
448	5/27/2015 07:00:53	14.42			8.02	8.03	3.9	2.877	94.9	2.2	0.5
449	5/27/2015 07:15:53	14.36			8.03	8.03	3.1	2.912	94.9	3.0	0.7
450	5/27/2015 07:30:53	14.31			8.02	8.03	3.6	2.938	94.6	2.5	0.6
451	5/27/2015 07:45:52	14.27	51.25	33.66	7.88	8.03	3.7	2.958	94.6	2.0	0.5
452	5/27/2015 08:00:53	14.29			7.97	8.03	5.3	2.983	94.1	2.7	0.6
453	5/27/2015 08:15:53	14.31			7.66	8.01	3.9	2.981	90.5	2.1	0.5
454	5/27/2015 08:30:53	14.25			7.76	8.01	3.6	2.989	91.4	1.6	0.4
455	5/27/2015 08:45:53	14.19			7.84	8.02	2.9	2.976	92.4	2.2	0.5
456	5/27/2015 09:00:52	14.20	51.28	33.67	7.72	8.02	3.5	2.939	92.6	2.7	0.7
457	5/27/2015 09:15:53	14.28			7.87	8.02	3.4	2.917	92.8	2.6	0.6
458	5/27/2015 09:30:53	14.42			7.84	8.02	4.2	2.866	92.7	2.1	0.5
459	5/27/2015 09:45:52	14.91	51.32	33.72	7.33	8.00	7.0	2.815	89.3	2.7	0.7
460	5/27/2015 10:00:52	15.01	51.32	33.73	7.55	8.01	6.7	2.749	92.1	1.4	0.3
461	5/27/2015 10:15:52	15.10	51.22	33.66	7.65	8.02	5.3	2.701	93.5	2.7	0.6
462	5/27/2015 10:30:52	15.16	51.26	33.69	7.67	8.02	5.7	2.627	93.8	2.0	0.5
463	5/27/2015 10:45:53	15.33			7.69	8.00	6.2	2.582	92.6	2.5	0.6
464	5/27/2015 11:00:52	15.44	51.18	33.63	7.61	8.01	6.5	2.513	93.5	2.6	0.6
465	5/27/2015 11:15:52	15.47	51.32	33.74	7.78	8.03	9.5	2.446	95.7	3.2	0.8
466	5/27/2015 11:30:52	15.60	51.29	33.72	7.36	7.99	9.7	2.388	90.8	2.8	0.7
467	5/27/2015 11:45:52	15.75	51.22	33.67	7.44	8.00	7.5	2.326	92.1	2.3	0.5
468	5/27/2015 12:00:52	15.82	51.31	33.74	7.51	8.00	11.5	2.258	93.1	2.4	0.6
469	5/27/2015 12:15:52	15.89	51.31	33.74	7.53	8.01	9.3	2.206	93.5	3.2	0.8
470	5/27/2015 12:30:52	15.98	51.31	33.74	7.53	8.00	9.9	2.161	93.7	1.7	0.4
471	5/27/2015 12:45:52	16.01	51.25	33.70	7.53	8.01	7.2	2.114	93.7	2.3	0.6
472	5/27/2015 13:00:52	16.05	51.28	33.72	7.57	8.01	11.4	2.069	94.2	2.5	0.6
473	5/27/2015 13:15:52	16.13	51.33	33.76	7.56	8.02	9.3	2.037	94.2	2.5	0.6
474	5/27/2015 13:30:52	16.26	51.31	33.75	7.68	8.02	15.0	2.029	96.0	2.7	0.7
475	5/27/2015 13:45:52	16.34	51.30	33.74	7.94	8.04	8.5	2.014	99.4	2.7	0.6
476	5/27/2015 14:00:52	16.23	51.32	33.76	8.23	8.05	9.6	2.011	102.9	2.9	0.7
477	5/27/2015 14:15:52	16.28	51.32	33.75	8.00	8.04	9.5	2.032	100.0	3.3	0.8
478	5/27/2015 14:30:52	16.31	51.49	33.88	8.03	8.04	24.7	2.053	100.6	4.1	1.0
479	5/27/2015 14:45:52	16.45	51.23	33.70	8.00	8.04	8.7	2.083	100.3	3.9	0.9
480	5/27/2015 15:00:52	16.39	51.34	33.77	7.86	8.03	7.2	2.126	98.5	3.8	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L						ug/L	%FS
481	5/27/2015 15:15:52	16.35	51.29	33.74	7.82	8.03	8.1	2.167	97.9	4.1	1.0	
482	5/27/2015 15:30:52	16.25	51.24	33.70	7.83	8.03	9.0	2.219	97.9	3.4	0.8	
483	5/27/2015 15:45:52	16.49	51.32	33.76	7.84	8.02	8.6	2.281	98.5	4.2	1.0	
484	5/27/2015 16:00:52	16.28	51.24	33.69	7.80	8.02	6.7	2.329	97.5	3.9	0.9	
485	5/27/2015 16:15:52	16.11	51.24	33.69	7.83	8.02	7.0	2.387	97.6	3.5	0.8	
486	5/27/2015 16:30:52	15.95	51.26	33.71	7.72	8.01	6.3	2.461	95.9	3.0	0.7	
487	5/27/2015 16:45:52	15.77	51.31	33.74	7.69	8.01	6.2	2.518	95.3	3.5	0.8	
488	5/27/2015 17:00:53	15.51			7.97	8.01	5.4	2.583	96.3	4.3	1.0	
489	5/27/2015 17:15:52	15.36	51.17	33.63	7.91	8.02	5.2	2.649	97.1	4.0	0.9	
490	5/27/2015 17:30:52	15.21	51.29	33.71	8.01	8.03	5.4	2.717	98.1	3.4	0.8	
491	5/27/2015 17:45:52	15.01	51.30	33.72	8.03	8.03	5.1	2.776	97.9	4.0	0.9	
492	5/27/2015 18:00:53	14.91			8.14	8.02	4.9	2.850	97.4	3.0	0.7	
493	5/27/2015 18:15:53	14.73			8.14	8.02	4.6	2.919	97.0	2.7	0.7	
494	5/27/2015 18:30:52	14.57	51.31	33.71	8.11	8.03	4.7	2.981	98.1	2.9	0.7	
495	5/27/2015 18:45:53	14.48			8.38	8.04	4.9	3.053	99.4	3.2	0.8	
496	5/27/2015 19:00:53	14.25			8.41	8.04	6.6	3.132	99.2	3.5	0.8	
497	5/27/2015 19:15:53	13.86	51.22	33.62	8.32	8.04	15.1	3.196	99.1	3.9	0.9	
498	5/27/2015 19:30:53	13.68			8.56	8.04	8.4	3.268	99.8	2.8	0.7	
499	5/27/2015 19:45:53	13.53			8.61	8.05	13.3	3.326	100.2	3.9	0.9	
500	5/27/2015 20:00:53	13.29			8.62	8.05	51.0	3.386	99.8	4.2	1.0	
501	5/27/2015 20:15:53	13.13			8.57	8.04	88.9	3.435	99.0	4.1	1.0	
502	5/27/2015 20:30:53	13.00	51.36	33.69	8.35	8.04	56.3	3.451	97.8	2.5	0.6	
503	5/27/2015 20:45:53	12.78			8.34	8.03	42.8	3.479	95.6	5.3	1.3	
504	5/27/2015 21:00:52	13.06	51.04	33.46	7.79	8.02	3.4	3.483	91.2	4.5	1.1	
505	5/27/2015 21:15:53	12.81			8.24	8.02	3.2	3.481	94.5	3.3	0.8	
506	5/27/2015 21:30:53	12.95			8.24	8.03	5.8	3.458	94.8	2.2	0.5	
507	5/27/2015 21:45:53	13.30	51.34	33.69	8.10	8.03	5.4	3.400	95.4	3.5	0.8	
508	5/27/2015 22:00:53	13.60			8.24	8.03	73.9	3.358	96.0	3.2	0.8	
509	5/27/2015 22:15:53	13.53			8.27	8.03	94.9	3.297	96.2	2.8	0.7	
510	5/27/2015 22:30:53	13.59			8.28	8.03	5.1	3.234	96.5	3.5	0.8	
511	5/27/2015 22:45:53	14.60			8.47	8.06	41.6	3.153	100.7	2.9	0.7	
512	5/27/2015 23:00:53	14.68			8.46	8.06	44.0	3.070	100.7	3.0	0.7	
513	5/27/2015 23:15:53	14.71			8.42	8.05	6.1	3.001	100.4	2.7	0.6	
514	5/27/2015 23:30:53	14.76			8.39	8.05	5.8	2.922	100.0	3.5	0.8	
515	5/27/2015 23:45:53	14.84			8.35	8.05	6.9	2.840	99.7	2.5	0.6	
516	5/28/2015 00:00:52	15.11	51.27	33.70	8.12	8.05	6.7	2.759	99.2	3.4	0.8	
517	5/28/2015 00:15:53	15.37			8.03	8.03	7.3	2.682	96.9	3.7	0.9	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+		Depth	Chlorophyll		Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS	
518	5/28/2015 00:30:52	15.45	51.31	33.73	7.70	8.01	9.2	2.606	94.7	3.0	0.7	
519	5/28/2015 00:45:53	15.29			7.85	8.01	11.5	2.531	94.6	3.4	0.8	
520	5/28/2015 01:00:52	15.21	51.23	33.67	7.62	8.00	9.6	2.447	93.2	3.0	0.7	
521	5/28/2015 01:15:52	15.56	51.32	33.75	7.73	8.02	9.5	2.360	95.3	3.4	0.8	
522	5/28/2015 01:30:53	15.58			7.92	8.02	8.3	2.304	95.9	2.5	0.6	
523	5/28/2015 01:45:52	15.72	51.32	33.75	7.83	8.03	8.3	2.233	96.9	3.8	0.9	
524	5/28/2015 02:00:52	15.71	51.36	33.77	7.92	8.03	7.5	2.154	97.9	3.3	0.8	
525	5/28/2015 02:15:52	15.89	51.25	33.70	7.99	8.04	7.0	2.107	99.1	3.4	0.8	
526	5/28/2015 02:30:52	16.18	51.37	33.79	8.08	8.06	7.1	2.062	100.9	3.4	0.8	
527	5/28/2015 02:45:52	16.16	51.37	33.79	8.10	8.05	6.1	2.034	101.1	4.0	0.9	
528	5/28/2015 03:00:52	16.56	51.31	33.75	8.09	8.07	6.2	2.002	101.7	2.8	0.7	
529	5/28/2015 03:15:52	16.74	51.29	33.74	8.06	8.07	5.7	1.994	101.8	3.8	0.9	
530	5/28/2015 03:30:52	16.80	51.39	33.81	8.16	8.07	7.5	2.020	103.1	4.5	1.1	
531	5/28/2015 03:45:52	16.58	51.38	33.81	8.10	8.06	12.7	2.041	102.0	4.0	1.0	
532	5/28/2015 04:00:52	16.48	51.36	33.79	8.07	8.06	8.6	2.050	101.4	3.7	0.9	
533	5/28/2015 04:15:52	16.45	51.37	33.80	8.03	8.05	8.0	2.106	100.7	3.5	0.8	
534	5/28/2015 04:30:53	16.37			8.18	8.05	7.1	2.176	100.6	2.8	0.7	
535	5/28/2015 04:45:52	16.30	51.24	33.70	7.80	8.02	8.6	2.222	97.6	4.1	1.0	
536	5/28/2015 05:00:52	16.30	51.07	33.57	7.60	8.01	9.2	2.269	95.0	3.9	0.9	
537	5/28/2015 05:15:52	16.22	51.15	33.63	7.61	8.01	10.2	2.330	94.9	4.0	0.9	
538	5/28/2015 05:30:52	16.07	51.22	33.68	7.62	8.01	7.9	2.392	94.9	3.4	0.8	
539	5/28/2015 05:45:52	15.97	51.24	33.69	7.60	8.00	9.0	2.440	94.5	3.8	0.9	
540	5/28/2015 06:00:52	15.84	51.30	33.74	7.59	8.00	8.1	2.488	94.1	3.2	0.8	
541	5/28/2015 06:15:52	15.65	51.30	33.73	7.63	8.00	5.5	2.542	94.2	3.3	0.8	
542	5/28/2015 06:30:53	15.37			7.82	8.00	5.0	2.603	94.5	2.4	0.6	
543	5/28/2015 06:45:53	15.07			7.85	8.00	4.2	2.634	94.3	3.2	0.8	
544	5/28/2015 07:00:53	14.93			7.85	8.00	3.8	2.690	94.0	1.6	0.4	
545	5/28/2015 07:15:53	14.84			7.84	8.00	3.7	2.739	93.8	2.7	0.6	
546	5/28/2015 07:30:53	14.76			7.84	8.00	3.9	2.786	93.6	2.4	0.6	
547	5/28/2015 07:45:53	14.66			7.86	8.00	3.4	2.835	93.7	2.0	0.5	
548	5/28/2015 08:00:53	14.57			7.87	8.00	3.7	2.885	93.5	2.9	0.7	
549	5/28/2015 08:15:52	14.50	51.27	33.68	7.73	8.00	4.0	2.914	93.3	2.1	0.5	
550	5/28/2015 08:30:53	14.38			7.87	8.00	3.4	2.965	93.3	2.0	0.5	
551	5/28/2015 08:45:52	14.29	51.28	33.68	7.75	8.00	5.4	2.994	93.1	2.0	0.5	
552	5/28/2015 09:00:53	14.22			7.84	8.00	3.2	3.024	92.7	2.3	0.5	
553	5/28/2015 09:15:53	14.23			7.76	8.00	2.5	3.037	91.7	1.5	0.4	
554	5/28/2015 09:30:53	14.36			7.35	7.98	3.1	3.051	87.0	2.5	0.6	

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
555	5/28/2015 09:45:53	14.32			7.61	7.99	4.0	3.032	90.1	2.0	0.5
556	5/28/2015 10:00:52	14.18	51.17	33.60	7.63	8.00	3.2	2.999	91.5	2.3	0.5
557	5/28/2015 10:15:53	14.28			7.72	7.99	3.6	2.986	91.3	2.2	0.5
558	5/28/2015 10:30:53	14.38			7.73	7.99	4.4	2.933	91.6	1.9	0.4
559	5/28/2015 10:45:53	14.68			7.69	7.99	5.3	2.885	91.7	2.0	0.5
560	5/28/2015 11:00:53	14.93			7.84	8.00	5.9	2.820	93.9	1.9	0.4
561	5/28/2015 11:15:53	14.88			7.90	8.00	5.7	2.770	94.5	2.8	0.7
562	5/28/2015 11:30:53	14.95			7.89	8.00	5.4	2.700	94.6	2.5	0.6
563	5/28/2015 11:45:52	15.26	51.27	33.70	7.67	8.00	5.9	2.626	94.1	1.9	0.5
564	5/28/2015 12:00:52	15.56	51.17	33.63	7.60	8.00	6.1	2.571	93.7	2.6	0.6
565	5/28/2015 12:15:53	15.74			7.74	7.99	6.5	2.505	94.1	2.5	0.6
566	5/28/2015 12:30:52	15.89	51.29	33.73	7.67	8.00	5.9	2.435	95.2	2.5	0.6
567	5/28/2015 12:45:52	16.00	51.25	33.70	7.65	8.00	6.7	2.387	95.1	2.8	0.7
568	5/28/2015 13:00:52	16.19	51.21	33.67	7.72	8.01	6.7	2.324	96.4	3.3	0.8
569	5/28/2015 13:15:52	16.35	51.25	33.70	7.83	8.01	7.0	2.262	98.1	2.5	0.6
570	5/28/2015 13:30:52	16.41	51.30	33.74	7.86	8.02	7.7	2.231	98.5	2.7	0.6
571	5/28/2015 13:45:52	16.48	51.16	33.64	7.91	8.02	9.0	2.179	99.3	2.8	0.7
572	5/28/2015 14:00:52	16.53	51.26	33.71	7.88	8.02	8.1	2.146	99.0	2.7	0.6
573	5/28/2015 14:15:53	16.61			8.08	8.03	7.6	2.123	100.0	3.3	0.8
574	5/28/2015 14:30:52	16.68	51.30	33.75	8.04	8.04	8.0	2.100	101.4	2.8	0.7
575	5/28/2015 14:45:52	16.90	51.28	33.73	8.31	8.05	9.2	2.093	105.2	2.8	0.7
576	5/28/2015 15:00:52	16.75	51.21	33.68	8.46	8.05	9.5	2.096	106.7	3.2	0.8
577	5/28/2015 15:15:52	16.76	51.25	33.72	8.21	8.04	9.8	2.128	103.6	4.3	1.0
578	5/28/2015 15:30:52	16.74	51.28	33.74	8.19	8.04	7.8	2.156	103.4	3.4	0.8
579	5/28/2015 15:45:52	16.83	51.24	33.70	8.24	8.04	7.6	2.180	104.2	3.7	0.9
580	5/28/2015 16:00:52	16.86	51.25	33.71	8.22	8.04	7.3	2.238	104.0	3.7	0.9
581	5/28/2015 16:15:52	16.62	51.27	33.73	8.08	8.03	6.9	2.293	101.8	3.9	0.9
582	5/28/2015 16:30:52	16.83	51.17	33.65	8.15	8.03	6.8	2.354	102.9	3.7	0.9
583	5/28/2015 16:45:52	16.60	51.23	33.69	8.14	8.02	6.2	2.411	102.4	3.3	0.8
584	5/28/2015 17:00:52	16.33	51.16	33.64	8.16	8.02	5.7	2.477	102.1	3.7	0.9
585	5/28/2015 17:15:52	16.17	51.23	33.69	8.18	8.02	6.0	2.542	102.0	3.2	0.8
586	5/28/2015 17:30:52	15.99	51.20	33.66	8.14	8.02	5.1	2.601	101.1	3.5	0.8
587	5/28/2015 17:45:52	15.78	51.21	33.67	8.06	8.01	4.4	2.671	99.7	3.7	0.9
588	5/28/2015 18:00:52	15.49	51.30	33.73	8.04	8.01	5.1	2.736	99.1	3.2	0.8
589	5/28/2015 18:15:52	15.10	51.33	33.74	7.97	8.00	4.7	2.807	97.4	3.6	0.9
590	5/28/2015 18:30:53	14.97			8.06	8.00	4.8	2.882	96.8	3.4	0.8
591	5/28/2015 18:45:52	14.86	51.27	33.69	7.91	8.00	4.7	2.941	96.2	3.8	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
592	5/28/2015 19:00:53	14.60			8.10	8.00	5.3	3.026	96.5	2.9	0.7
593	5/28/2015 19:15:53	14.35			8.16	8.00	7.0	3.100	96.8	3.6	0.9
594	5/28/2015 19:30:53	14.11			8.25	8.01	6.8	3.176	97.4	4.0	1.0
595	5/28/2015 19:45:53	13.78			8.34	8.01	5.4	3.241	97.8	2.4	0.6
596	5/28/2015 20:00:52	13.56	51.34	33.70	8.36	8.02	5.3	3.313	99.0	3.8	0.9
597	5/28/2015 20:15:53	13.30			8.59	8.02	5.9	3.392	100.0	4.6	1.1
598	5/28/2015 20:30:53	13.07			8.65	8.02	5.3	3.447	100.1	4.5	1.1
599	5/28/2015 20:45:53	12.94			8.68	8.03	3.9	3.504	100.2	3.9	0.9
600	5/28/2015 21:00:53	12.74			8.70	8.03	3.5	3.540	100.0	5.6	1.3
601	5/28/2015 21:15:52	12.64	51.40	33.70	8.59	8.03	2.9	3.574	99.8	3.2	0.8
602	5/28/2015 21:30:53	12.54			8.54	8.02	2.2	3.584	97.9	5.9	1.4
603	5/28/2015 21:45:53	12.75			8.40	8.02	3.2	3.581	97.8	2.5	0.6
604	5/28/2015 22:00:53	12.67			8.53	8.02	2.8	3.574	97.9	3.5	0.8
605	5/28/2015 22:15:53	12.72			8.48	8.02	4.0	3.537	97.4	2.9	0.7
606	5/28/2015 22:30:53	13.32			8.33	8.02	6.6	3.488	96.8	3.5	0.8
607	5/28/2015 22:45:53	13.52			8.26	8.01	6.1	3.413	96.4	5.1	1.2
608	5/28/2015 23:00:53	13.67			8.32	8.02	5.9	3.345	97.4	3.3	0.8
609	5/28/2015 23:15:53	13.62			8.31	8.02	6.7	3.266	97.2	4.5	1.1
610	5/28/2015 23:30:52	14.67	51.23	33.66	8.14	8.04	8.2	3.172	98.6	3.3	0.8
611	5/28/2015 23:45:53	14.73			8.25	8.03	7.9	3.088	98.5	3.4	0.8
612	5/29/2015 00:00:53	14.79			8.22	8.02	7.7	2.997	98.4	3.8	0.9
613	5/29/2015 00:15:53	14.78			8.24	8.02	6.7	2.914	98.6	2.7	0.6
614	5/29/2015 00:30:52	15.14	51.21	33.65	8.10	8.03	6.7	2.818	99.0	4.0	0.9
615	5/29/2015 00:45:52	15.49	51.23	33.67	8.04	8.03	8.5	2.723	99.0	3.5	0.8
616	5/29/2015 01:00:52	15.67	51.22	33.67	7.89	8.02	9.7	2.634	97.5	3.0	0.7
617	5/29/2015 01:15:52	15.54	51.21	33.66	7.74	8.00	9.2	2.557	95.4	2.9	0.7
618	5/29/2015 01:30:53	14.95			7.81	7.98	9.0	2.456	93.7	3.4	0.8
619	5/29/2015 01:45:52	15.61			7.75	8.00	9.4	2.362	95.7	3.4	0.8
620	5/29/2015 02:00:52	15.61			7.83	8.01	8.7	2.284	96.7	3.5	0.8
621	5/29/2015 02:15:52	15.78			7.91	8.02	9.6	2.183	98.1	3.0	0.7
622	5/29/2015 02:30:52	15.79	51.41	33.82	8.06	8.03	8.6	2.105	99.9	3.9	0.9
623	5/29/2015 02:45:53	15.91			8.18	8.03	8.6	2.029	100.1	3.6	0.9
624	5/29/2015 03:00:52	16.10			8.14	8.04	8.3	1.958	101.5	3.7	0.9
625	5/29/2015 03:15:52	16.63			8.17	8.06	8.9	1.905	103.0	4.0	0.9
626	5/29/2015 03:30:52	16.33			8.01	8.03	8.4	1.867	100.3	4.1	1.0
627	5/29/2015 03:45:52	16.58	51.32	33.76	8.05	8.05	7.4	1.834	101.3	3.5	0.8
628	5/29/2015 04:00:52	16.90	51.42	33.84	8.05	8.06	6.4	1.834	102.0	4.9	1.2

sonde #4

Indian Island Long-Term Deployment Water Quality Data

			Marine Island Long-Term Deployment - Water Quality Data								
			SpCond		DO Conc		Turbidity+	Depth		Chlorophyll	Fluorescence
Sample #	Date & Time	Temp C	mS/cm	Salinity ppt	mg/L	pH	NTU	meters	DO%	ug/L	%FS
629	5/29/2015 04:15:52	17.03	51.50	33.90	8.08	8.06	9.0	1.840	102.6	4.3	1.0
630	5/29/2015 04:30:52	16.91	51.40	33.82	8.10	8.06	8.6	1.866	102.6	3.8	0.9
631	5/29/2015 04:45:52	16.89	51.34	33.78	8.13	8.06	13.8	1.917	102.9	4.3	1.0
632	5/29/2015 05:00:52	16.92	51.36	33.80	8.18	8.06	9.0	1.969	103.6	4.3	1.0
633	5/29/2015 05:15:52	16.78	51.42	33.84	8.14	8.05	8.3	2.024	102.9	3.9	0.9
634	5/29/2015 05:30:52	16.72	51.23	33.69	7.84	8.02	8.9	2.096	98.9	4.0	1.0
635	5/29/2015 05:45:52	16.70	51.17	33.65	7.66	8.01	10.8	2.155	96.6	4.6	1.1
636	5/29/2015 06:00:52	16.62	51.19	33.67	7.71	8.01	20.0	2.226	97.0	4.2	1.0
637	5/29/2015 06:15:52	16.44	51.24	33.70	7.80	8.01	17.8	2.283	97.8	3.7	0.9
638	5/29/2015 06:30:52	16.32	51.16	33.64	7.77	8.01	11.7	2.340	97.2	3.4	0.8
639	5/29/2015 06:45:52	16.23	51.22	33.68	7.72	8.00	9.8	2.408	96.5	3.0	0.7
640	5/29/2015 07:00:52	15.95	51.16	33.63	7.69	8.00	7.6	2.456	95.6	2.6	0.6
641	5/29/2015 07:15:53	15.62			7.81	7.99	11.1	2.527	94.9	2.9	0.7
642	5/29/2015 07:30:52	15.29	51.18	33.64	7.69	7.98	8.1	2.582	94.3	3.2	0.8
643	5/29/2015 07:45:53	15.22			7.79	7.98	10.0	2.634	94.0	3.1	0.7
644	5/29/2015 08:00:53	15.16			7.79	7.98	6.7	2.704	93.9	3.4	0.8
645	5/29/2015 08:15:52	15.04	51.17	33.62	7.71	7.98	7.0	2.751	94.0	1.9	0.4
646	5/29/2015 08:30:53	14.91			7.81	7.98	4.3	2.811	93.8	2.4	0.6
647	5/29/2015 08:45:53	14.73			7.85	7.98	4.3	2.868	93.9	2.3	0.6
648	5/29/2015 09:00:52	14.63	51.26	33.67	7.76	7.98	3.6	2.912	93.9	2.7	0.6
649	5/29/2015 09:15:53	14.55			7.87	7.98	3.7	2.969	93.9	2.8	0.7
650	5/29/2015 09:30:53	14.46			7.88	7.98	5.4	3.014	93.8	2.5	0.6
651	5/29/2015 09:45:53	14.38			7.89	7.98	4.3	3.055	93.8	3.5	0.8
652	5/29/2015 10:00:53	14.28			7.89	7.98	3.2	3.076	93.6	2.4	0.6
653	5/29/2015 10:15:52	14.16	51.18	33.60	7.76	7.98	2.4	3.094	93.0	2.7	0.6
654	5/29/2015 10:30:53	14.19			7.57	7.97	3.9	3.104	89.7	2.2	0.5
655	5/29/2015 10:45:53	14.37	51.21	33.63	7.60	7.98	8.4	3.091	91.4	2.6	0.6
656	5/29/2015 11:00:53	14.20	51.27	33.67	7.73	7.98	8.3	3.063	92.7	2.7	0.6
657	5/29/2015 11:15:53	14.32	51.28	33.68	7.67	7.98	7.3	3.021	92.2	1.5	0.4
658	5/29/2015 11:30:53	14.64			7.76	7.98	15.9	2.976	92.7	2.8	0.7
659	5/29/2015 11:45:53	14.88			7.91	7.99	12.7	2.917	94.9	3.7	0.9
660	5/29/2015 12:00:53	14.97			7.99	7.99	6.6	2.850	96.1	2.0	0.5
661	5/29/2015 12:15:52	15.13	51.30	33.72	7.96	8.00	20.9	2.776	97.3	2.4	0.6
662	5/29/2015 12:30:53	15.35			7.99	7.99	6.3	2.707	96.8	3.3	0.8
663	5/29/2015 12:45:52	15.54	51.31	33.74	7.76	7.99	10.8	2.646	95.6	2.7	0.6
664	5/29/2015 13:00:52	15.74	51.31	33.74	7.76	7.99	6.5	2.578	96.1	2.5	0.6
665	5/29/2015 13:15:53	15.92			7.90	7.99	16.5	2.512	96.8	2.8	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH				ug/L	%FS
666	5/29/2015 13:30:52	16.07	51.36	33.78	7.83	7.99	14.0	2.449	97.6	2.4	0.6
667	5/29/2015 13:45:52	16.22	51.38	33.80	7.93	8.00	15.0	2.400	99.1	3.3	0.8
668	5/29/2015 14:00:52	16.28	51.39	33.81	8.16	8.02	8.4	2.339	102.1	3.1	0.8
669	5/29/2015 14:15:53	16.32			8.45	8.03	7.7	2.288	104.3	2.7	0.6
670	5/29/2015 14:30:52	16.42	51.31	33.75	8.41	8.04	42.5	2.246	105.5	3.1	0.7
671	5/29/2015 14:45:52	16.58	51.37	33.80	8.46	8.05	51.3	2.206	106.5	3.4	0.8
672	5/29/2015 15:00:52	16.58	51.50	33.89	8.57	8.05	15.4	2.169	108.0	4.3	1.0
673	5/29/2015 15:15:52	16.66	51.36	33.79	8.59	8.06	12.5	2.151	108.3	2.9	0.7
674	5/29/2015 15:30:52	16.73	51.36	33.79	8.63	8.07	15.6	2.145	108.9	4.5	1.1
675	5/29/2015 15:45:52	16.64	51.28	33.73	8.87	8.07	9.8	2.157	111.8	3.1	0.7
676	5/29/2015 16:00:52	16.61	51.36	33.79	8.54	8.05	9.6	2.168	107.6	4.2	1.0
677	5/29/2015 16:15:52	16.60	51.34	33.78	8.48	8.04	10.0	2.184	106.7	3.6	0.8
678	5/29/2015 16:30:52	16.62	51.19	33.67	8.36	8.04	7.5	2.229	105.2	3.2	0.8
679	5/29/2015 16:45:52	16.59	51.19	33.67	8.27	8.03	7.0	2.278	104.0	3.7	0.9
680	5/29/2015 17:00:52	16.46	51.26	33.72	8.18	8.02	8.0	2.334	102.7	4.0	0.9
681	5/29/2015 17:15:52	16.32	51.29	33.73	8.11	8.01	7.9	2.385	101.5	3.3	0.8
682	5/29/2015 17:30:53	16.32			8.25	8.01	5.7	2.455	101.9	4.0	0.9
683	5/29/2015 17:45:53	16.19			8.32	8.01	6.7	2.535	102.5	3.4	0.8
684	5/29/2015 18:00:52	15.99	51.28	33.72	8.18	8.01	5.9	2.589	101.8	3.4	0.8
685	5/29/2015 18:15:53	15.76			8.25	8.00	5.6	2.657	100.8	3.1	0.7
686	5/29/2015 18:30:53	15.45			8.22	8.00	5.6	2.729	99.8	3.9	0.9
687	5/29/2015 18:45:53	15.14			8.18	7.99	4.6	2.801	98.7	2.9	0.7
688	5/29/2015 19:00:52	15.02	51.26	33.69	8.02	7.99	5.6	2.867	97.9	3.7	0.9
689	5/29/2015 19:15:53	14.88			8.11	7.99	5.1	2.947	97.5	3.8	0.9
690	5/29/2015 19:30:53	14.70			8.11	7.99	5.3	3.020	97.2	3.2	0.8
691	5/29/2015 19:45:53	14.24			8.24	7.99	6.7	3.102	97.9	3.5	0.8
692	5/29/2015 20:00:53	13.91			8.32	8.00	7.0	3.178	98.1	4.3	1.0
693	5/29/2015 20:15:53	13.68			8.36	8.00	8.0	3.262	98.1	3.3	0.8
694	5/29/2015 20:30:52	13.39	51.14	33.55	8.40	8.01	7.3	3.332	99.1	3.5	0.8
695	5/29/2015 20:45:53	13.15			8.63	8.02	6.4	3.418	100.2	5.3	1.3
696	5/29/2015 21:00:53	12.86			8.75	8.02	6.9	3.485	101.1	5.6	1.3
697	5/29/2015 21:15:53	12.61			8.83	8.03	60.6	3.538	101.5	5.7	1.4
698	5/29/2015 21:30:53	12.36			8.89	8.03	13.7	3.588	101.7	4.7	1.1
699	5/29/2015 21:45:52	12.21	51.36	33.66	8.80	8.04	5.9	3.623	101.3	4.6	1.1
700	5/29/2015 22:00:53	12.13			8.75	8.03	208.0	3.650	99.7	5.6	1.3
701	5/29/2015 22:15:52	12.21	51.33	33.64	8.39	8.02	2.8	3.646	96.5	5.7	1.4
702	5/29/2015 22:30:53	12.31	51.44	33.72	8.59	8.03	3.7	3.626	99.2	3.7	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH				ug/L	%FS
703	5/29/2015 22:45:53	12.30	51.42	33.70	8.61	8.03	3.4	3.600	99.3	3.9	0.9
704	5/29/2015 23:00:53	12.76	51.39	33.70	8.48	8.03	7.2	3.548	98.8	4.6	1.1
705	5/29/2015 23:15:53	12.85			8.56	8.02	7.3	3.478	98.9	4.3	1.0
706	5/29/2015 23:30:52	13.18	51.40	33.73	8.39	8.02	8.9	3.393	98.6	5.5	1.3
707	5/29/2015 23:45:52	12.85	51.31	33.65	8.47	8.02	14.8	3.305	98.9	3.5	0.8
708	5/30/2015 00:00:53	13.59			8.22	8.00	8.6	3.230	96.4	4.6	1.1
709	5/30/2015 00:15:52	14.26	51.33	33.72	8.17	8.02	24.4	3.125	98.2	4.0	0.9
710	5/30/2015 00:30:52	14.39	51.39	33.76	8.11	8.01	11.5	3.025	97.7	4.4	1.0
711	5/30/2015 00:45:53	14.49			8.24	8.01	11.7	2.934	98.4	3.1	0.7
712	5/30/2015 01:00:53	14.96			8.15	8.01	11.0	2.842	98.1	4.2	1.0
713	5/30/2015 01:15:52	15.35	51.44	33.83	7.97	8.01	16.2	2.735	98.0	2.7	0.7
714	5/30/2015 01:30:52	15.51	51.44	33.83	7.97	8.02	22.9	2.644	98.3	3.7	0.9
715	5/30/2015 01:45:52	15.38	51.42	33.81	7.73	7.99	23.8	2.532	95.0	3.0	0.7
716	5/30/2015 02:00:53	14.90			7.88	7.98	22.2	2.429	94.8	3.1	0.7
717	5/30/2015 02:15:53	15.33			7.80	7.99	13.6	2.336	94.6	4.2	1.0
718	5/30/2015 02:30:53	15.23			7.92	7.99	10.1	2.221	96.0	3.4	0.8
719	5/30/2015 02:45:53	15.33			7.95	8.00	13.9	2.125	96.4	4.8	1.2
720	5/30/2015 03:00:53	15.55			8.00	8.01	12.6	2.030	97.4	3.9	0.9
721	5/30/2015 03:15:53	15.52			8.02	8.01	10.8	1.922	97.6	3.8	0.9
722	5/30/2015 03:30:53	15.76			8.00	8.01	20.1	1.842	97.9	3.5	0.8
723	5/30/2015 03:45:53	15.87			7.95	8.01	11.5	1.765	97.6	3.5	0.8
724	5/30/2015 04:00:53	15.99			7.87	8.00	27.4	1.696	96.8	3.9	0.9
725	5/30/2015 04:15:53	16.12			7.88	8.01	10.9	1.665	97.1	3.7	0.9
726	5/30/2015 04:30:53	16.30			7.85	8.01	11.5	1.638	97.1	4.4	1.0
727	5/30/2015 04:45:52	16.37	51.46	33.86	7.53	8.01	7.5	1.636	94.4	3.8	0.9
728	5/30/2015 05:00:52	16.52	51.57	33.94	7.93	8.03	12.1	1.660	99.8	4.4	1.0
729	5/30/2015 05:15:52	16.58	51.51	33.90	8.09	8.04	8.3	1.695	101.9	4.4	1.0
730	5/30/2015 05:30:52	16.56	51.44	33.85	8.05	8.04	7.3	1.746	101.3	3.7	0.9
731	5/30/2015 05:45:52	16.58	51.48	33.88	8.00	8.04	7.6	1.807	100.7	3.9	0.9
732	5/30/2015 06:00:52	16.52	51.41	33.83	7.93	8.03	8.3	1.867	99.8	4.2	1.0
733	5/30/2015 06:15:52	16.51	51.19	33.67	7.58	7.99	10.3	1.940	95.2	4.3	1.0
734	5/30/2015 06:30:52	16.47	51.24	33.70	7.59	7.99	10.3	2.019	95.3	3.6	0.9
735	5/30/2015 06:45:52	16.35	51.22	33.68	7.71	8.00	10.4	2.073	96.5	3.6	0.9
736	5/30/2015 07:00:52	16.22	51.33	33.76	7.73	8.00	8.9	2.145	96.6	3.6	0.9
737	5/30/2015 07:15:52	16.14	51.30	33.74	7.72	8.00	8.6	2.222	96.3	3.7	0.9
738	5/30/2015 07:30:52	16.03	51.36	33.78	7.72	7.99	8.9	2.283	96.1	3.9	0.9
739	5/30/2015 07:45:53	15.70			7.79	7.98	8.1	2.367	95.2	3.1	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
740	5/30/2015 08:00:53	15.44			7.77	7.97	6.6	2.435	94.5	3.4	0.8
741	5/30/2015 08:15:52	15.35	51.48	33.85	7.67	7.97	6.3	2.497	94.3	2.6	0.6
742	5/30/2015 08:30:53	15.23			7.76	7.97	7.8	2.583	94.1	3.1	0.7
743	5/30/2015 08:45:53	15.04			7.77	7.96	5.5	2.647	93.7	2.6	0.6
744	5/30/2015 09:00:53	14.90			7.78	7.97	5.3	2.712	93.8	2.6	0.6
745	5/30/2015 09:15:53	14.76			7.82	7.97	5.9	2.784	94.0	2.8	0.7
746	5/30/2015 09:30:53	14.69			7.83	7.97	5.7	2.846	94.0	2.2	0.5
747	5/30/2015 09:45:53	14.62			7.82	7.97	5.1	2.904	93.8	3.0	0.7
748	5/30/2015 10:00:53	14.45			7.86	7.97	5.1	2.966	93.9	2.7	0.6
749	5/30/2015 10:15:53	14.18			7.94	7.97	16.9	3.014	94.3	3.0	0.7
750	5/30/2015 10:30:53	13.97			7.99	7.98	4.8	3.057	94.6	3.3	0.8
751	5/30/2015 10:45:53	13.90			8.01	7.98	7.3	3.100	94.7	3.5	0.8
752	5/30/2015 11:00:52	13.78	51.36	33.72	7.96	7.98	5.0	3.123	94.7	3.8	0.9
753	5/30/2015 11:15:53	13.74			7.89	7.98	6.1	3.138	93.0	4.2	1.0
754	5/30/2015 11:30:53	13.76			7.75	7.97	3.3	3.140	91.3	2.5	0.6
755	5/30/2015 11:45:53	13.94			7.87	7.97	3.7	3.109	93.0	2.5	0.6
756	5/30/2015 12:00:53	13.88			7.90	7.97	3.9	3.105	93.3	2.8	0.7
757	5/30/2015 12:15:53	14.02			7.88	7.98	5.1	3.038	93.3	3.0	0.7
758	5/30/2015 12:30:53	14.40			7.93	7.98	5.4	2.961	94.5	3.0	0.7
759	5/30/2015 12:45:53	14.70			8.06	7.99	7.9	2.916	96.7	2.6	0.6
760	5/30/2015 13:00:53	14.98			8.14	7.99	20.5	2.842	98.1	3.0	0.7
761	5/30/2015 13:15:53	15.09			8.06	7.99	40.1	2.759	97.5	2.4	0.6
762	5/30/2015 13:30:53	15.31			8.07	7.99	28.0	2.693	97.9	3.2	0.8
763	5/30/2015 13:45:53	15.44			8.02	7.99	20.3	2.631	97.6	3.2	0.8
764	5/30/2015 14:00:53	15.62			8.01	7.99	6.7	2.562	97.9	3.4	0.8
765	5/30/2015 14:15:52	15.87	51.39	33.80	7.94	7.99	6.8	2.498	98.6	2.5	0.6
766	5/30/2015 14:30:52	16.11	51.35	33.78	7.98	8.00	6.4	2.426	99.6	2.4	0.6
767	5/30/2015 14:45:52	16.35	51.39	33.81	8.10	8.01	6.2	2.386	101.5	2.0	0.5
768	5/30/2015 15:00:52	16.48	51.32	33.76	8.20	8.01	6.8	2.333	103.0	2.5	0.6
769	5/30/2015 15:15:52	16.59	51.34	33.78	8.30	8.02	8.0	2.270	104.5	3.0	0.7
770	5/30/2015 15:30:52	16.67	51.38	33.81	8.30	8.02	7.4	2.246	104.7	2.9	0.7
771	5/30/2015 15:45:52	16.71	51.38	33.81	8.19	8.01	8.8	2.211	103.3	3.0	0.7
772	5/30/2015 16:00:52	16.74	51.29	33.74	8.30	8.03	7.0	2.182	104.8	3.8	0.9
773	5/30/2015 16:15:52	16.83	51.35	33.78	8.32	8.03	6.3	2.172	105.2	4.0	1.0
774	5/30/2015 16:30:52	16.73	51.30	33.75	8.80	8.05	11.1	2.196	111.0	3.9	0.9
775	5/30/2015 16:45:52	16.74	51.25	33.71	8.62	8.04	169.7	2.190	108.8	3.3	0.8
776	5/30/2015 17:00:52	16.68	51.33	33.77	8.47	8.03	132.2	2.229	106.8	3.1	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU			ug/L	%FS
777	5/30/2015 17:15:52	16.70	51.31	33.76	8.41	8.03	184.8	2.279	106.1	4.2	1.0
778	5/30/2015 17:30:52	16.65	51.36	33.79	8.39	8.02	208.8	2.316	105.8	3.8	0.9
779	5/30/2015 17:45:52	16.55	51.29	33.74	8.37	8.02	241.3	2.391	105.2	3.5	0.8
780	5/30/2015 18:00:52	16.58	51.19	33.66	8.35	8.02	88.3	2.452	105.0	4.6	1.1
781	5/30/2015 18:15:52	16.29	51.28	33.73	8.30	8.01	72.5	2.507	103.8	2.6	0.6
782	5/30/2015 18:30:52	16.04	51.21	33.67	8.33	8.01	137.9	2.597	103.7	3.6	0.9
783	5/30/2015 18:45:52	15.79	51.22	33.67	8.30	8.00	114.1	2.656	102.8	3.7	0.9
784	5/30/2015 19:00:52	15.52	51.25	33.69	8.23	7.99	58.5	2.722	101.4	3.4	0.8
785	5/30/2015 19:15:52	15.11	51.25	33.68	8.12	7.98	131.4	2.802	99.2	2.8	0.7
786	5/30/2015 19:30:52	14.92	51.27	33.69	8.07	7.98	87.6	2.865	98.3	3.5	0.8
787	5/30/2015 19:45:53	14.74			8.12	7.98	111.3	2.953	97.6	3.3	0.8
788	5/30/2015 20:00:52	14.45	51.25	33.67	8.09	7.98	29.0	3.024	97.5	3.1	0.7
789	5/30/2015 20:15:52	14.05	51.30	33.69	8.17	7.99	58.1	3.102	97.7	3.7	0.9
790	5/30/2015 20:30:52	13.59	51.31	33.68	8.32	8.00	77.6	3.192	98.6	2.8	0.7
791	5/30/2015 20:45:53	13.18			8.40	8.00	78.1	3.273	98.0	4.5	1.1
792	5/30/2015 21:00:53	12.81			8.50	8.00	164.5	3.356	98.4	2.8	0.7
793	5/30/2015 21:15:52	12.47	51.30	33.63	8.49	8.01	267.9	3.433	98.3	4.7	1.1
794	5/30/2015 21:30:53	12.27			8.55	8.01	241.3	3.509	97.9	4.6	1.1
795	5/30/2015 21:45:52	12.04	51.42	33.70	8.46	8.01	71.4	3.562	97.1	4.8	1.1
796	5/30/2015 22:00:52	11.79	51.47	33.71	8.39	8.01	52.3	3.627	95.8	4.4	1.1
797	5/30/2015 22:15:52	11.64	51.49	33.72	8.35	8.00	3.1	3.663	95.1	4.6	1.1
798	5/30/2015 22:30:52	11.59	51.46	33.70	8.31	8.00	10.5	3.689	94.5	2.8	0.7
799	5/30/2015 22:45:52	11.58	51.46	33.70	8.16	8.00	3.5	3.714	92.8	7.5	1.8
800	5/30/2015 23:00:52	11.61	51.47	33.71	8.12	7.99	28.8	3.698	92.3	3.7	0.9
801	5/30/2015 23:15:52	11.73	51.42	33.67	8.26	8.00	6.4	3.672	94.1	3.6	0.8
802	5/30/2015 23:30:52	11.79	51.45	33.70	8.21	8.00	4.5	3.630	93.8	4.0	1.0
803	5/30/2015 23:45:52	12.23	51.39	33.68	8.25	8.00	5.1	3.557	95.0	3.6	0.8
804	5/31/2015 00:00:53	12.24			8.27	8.00	7.7	3.465	94.7	3.0	0.7
805	5/31/2015 00:15:53	12.28	51.44	33.72	8.22	8.00	7.5	3.382	94.8	4.1	1.0
806	5/31/2015 00:30:53	13.41			8.15	8.00	13.8	3.282	95.4	2.5	0.6
807	5/31/2015 00:45:52	13.98	51.34	33.71	8.20	8.01	11.5	3.183	98.0	3.5	0.8
808	5/31/2015 01:00:52	13.96	51.27	33.67	8.25	8.01	9.2	3.074	98.5	3.1	0.7
809	5/31/2015 01:15:53	14.06			8.28	8.01	8.0	2.974	98.2	3.8	0.9
810	5/31/2015 01:30:53	14.25			8.30	8.01	7.2	2.871	98.7	2.6	0.6
811	5/31/2015 01:45:53	14.96			8.22	8.01	8.1	2.768	99.2	3.0	0.7
812	5/31/2015 02:00:52	15.36	51.28	33.71	8.09	8.01	9.0	2.651	99.3	3.5	0.8
813	5/31/2015 02:15:52	15.42	51.31	33.73	7.98	8.00	9.5	2.540	98.1	2.9	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
814	5/31/2015 02:30:53	14.97			7.93	7.98	9.0	2.426	95.7	3.3	0.8
815	5/31/2015 02:45:53	15.14			7.89	7.98	11.5	2.308	95.6	2.8	0.7
816	5/31/2015 03:00:53	15.24			8.03	7.99	11.5	2.199	97.4	3.2	0.8
817	5/31/2015 03:15:52	15.45	51.35	33.76	7.99	8.00	10.4	2.076	98.3	3.5	0.8
818	5/31/2015 03:30:52	15.44	51.26	33.70	8.02	8.00	10.2	1.953	98.6	3.3	0.8
819	5/31/2015 03:45:52	15.76	51.26	33.71	8.02	8.00	12.2	1.858	99.3	3.4	0.8
820	5/31/2015 04:00:52	15.78	51.29	33.73	7.95	7.99	11.5	1.746	98.4	3.4	0.8
821	5/31/2015 04:15:52	15.95	51.36	33.78	7.86	7.99	10.8	1.635	97.7	3.5	0.8
822	5/31/2015 04:30:52	16.24	51.39	33.80	7.87	8.00	9.4	1.584	98.4	3.5	0.8
823	5/31/2015 04:45:52	16.26	51.33	33.76	7.79	7.99	11.5	1.516	97.4	4.6	1.1
824	5/31/2015 05:00:52	16.44	51.32	33.76	7.70	7.98	10.1	1.478	96.6	3.1	0.7
825	5/31/2015 05:15:52	16.68	51.20	33.67	7.67	7.99	10.3	1.471	96.7	3.8	0.9
826	5/31/2015 05:30:52	17.00	51.18	33.67	7.81	8.01	9.4	1.492	99.0	3.5	0.8
827	5/31/2015 05:45:52	16.98			7.91	8.01	8.8	1.512	100.1	3.9	0.9
828	5/31/2015 06:00:52	16.94			7.84	8.01	8.7	1.551	99.5	3.5	0.8
829	5/31/2015 06:15:52	16.91	51.74	34.08	7.85	8.01	9.2	1.643	99.6	3.0	0.7
830	5/31/2015 06:30:52	16.82	51.66	34.01	7.87	8.01	9.5	1.691	99.6	3.2	0.8
831	5/31/2015 06:45:52	16.87	51.34	33.78	7.58	7.98	11.7	1.780	95.9	3.7	0.9
832	5/31/2015 07:00:52	16.84	51.34	33.78	7.56	7.97	12.3	1.844	95.6	3.7	0.9
833	5/31/2015 07:15:52	16.72	51.39	33.81	7.62	7.98	12.2	1.929	96.2	3.5	0.8
834	5/31/2015 07:30:52	16.55	51.46	33.87	7.71	7.98	11.0	2.011	97.0	3.5	0.8
835	5/31/2015 07:45:52	16.49	51.49	33.88	7.74	7.98	10.2	2.075	97.3	2.6	0.6
836	5/31/2015 08:00:52	16.31	51.45	33.85	7.72	7.98	10.8	2.175	96.7	3.1	0.7
837	5/31/2015 08:15:52	15.95	51.34	33.77	7.72	7.97	8.4	2.243	95.9	2.7	0.6
838	5/31/2015 08:30:52	15.75	51.35	33.77	7.71	7.97	6.6	2.328	95.5	3.0	0.7
839	5/31/2015 08:45:53	15.61			7.76	7.96	6.8	2.421	95.0	3.1	0.7
840	5/31/2015 09:00:53	15.47			7.78	7.96	6.5	2.502	94.8	3.1	0.7
841	5/31/2015 09:15:52	15.27	51.26	33.69	7.73	7.96	9.4	2.574	94.7	2.9	0.7
842	5/31/2015 09:30:52	15.09	51.27	33.69	7.76	7.96	5.8	2.639	94.8	2.7	0.7
843	5/31/2015 09:45:52	14.95	51.23	33.66	7.78	7.96	7.0	2.729	94.7	3.5	0.8
844	5/31/2015 10:00:53	14.85			7.85	7.96	6.5	2.796	94.6	2.6	0.6
845	5/31/2015 10:15:53	14.64			7.87	7.96	7.9	2.866	94.4	3.1	0.7
846	5/31/2015 10:30:53	14.27			7.94	7.96	7.9	2.930	94.5	2.9	0.7
847	5/31/2015 10:45:53	14.07			7.96	7.96	8.1	2.999	94.4	3.4	0.8
848	5/31/2015 11:00:52	13.79	51.20	33.61	7.93	7.97	6.1	3.062	94.4	3.5	0.8
849	5/31/2015 11:15:53	13.57			7.99	7.96	5.6	3.110	93.9	2.9	0.7
850	5/31/2015 11:30:52	13.28			7.97	7.97	5.7	3.162	93.8	2.4	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
851	5/31/2015 11:45:53	13.13			8.04	7.97	4.3	3.193	93.6	2.7	0.6
852	5/31/2015 12:00:52	13.07	51.03	33.45	7.92	7.97	2.6	3.215	92.7	3.5	0.8
853	5/31/2015 12:15:52	13.14	51.12	33.52	7.69	7.95	4.9	3.209	90.2	3.0	0.7
854	5/31/2015 12:30:53	13.23			7.93	7.97	4.8	3.179	92.6	2.8	0.7
855	5/31/2015 12:45:53	13.39			7.93	7.97	5.3	3.158	92.7	2.1	0.5
856	5/31/2015 13:00:53	13.81			7.91	7.97	6.0	3.094	93.4	3.0	0.7
857	5/31/2015 13:15:53	14.17			7.99	7.97	8.6	3.037	95.0	2.6	0.6
858	5/31/2015 13:30:52	14.49	51.01	33.49	8.13	7.99	7.1	2.954	97.9	3.2	0.8
859	5/31/2015 13:45:52	14.67	51.03	33.51	8.29	8.00	6.4	2.880	100.3	3.1	0.8
860	5/31/2015 14:00:52	14.87	51.02	33.51	8.26	8.00	7.2	2.824	100.4	2.9	0.7
861	5/31/2015 14:15:52	15.09	50.98	33.48	8.16	7.99	6.8	2.732	99.5	3.9	0.9
862	5/31/2015 14:30:52	15.35	51.07	33.56	8.14	8.00	6.8	2.668	99.9	3.0	0.7
863	5/31/2015 14:45:52	15.55	51.10	33.58	8.19	8.00	8.4	2.599	100.9	1.7	0.4
864	5/31/2015 15:00:52	15.73	51.07	33.56	8.28	8.00	8.4	2.550	102.3	3.2	0.8
865	5/31/2015 15:15:52	15.76	51.05	33.54	8.66	8.03	10.4	2.486	107.1	2.8	0.7
866	5/31/2015 15:30:52	15.84	51.11	33.60	8.89	8.04	10.0	2.432	110.1	2.2	0.5
867	5/31/2015 15:45:53	16.06			8.76	8.03	6.5	2.377	108.0	2.6	0.6
868	5/31/2015 16:00:52	16.17	51.10	33.59	8.64	8.03	8.0	2.322	107.7	3.5	0.8
869	5/31/2015 16:15:53	16.30			8.65	8.02	7.8	2.294	107.1	3.7	0.9
870	5/31/2015 16:30:52	16.42	51.09	33.59	8.52	8.02	7.4	2.258	106.8	2.9	0.7
871	5/31/2015 16:45:52	16.46	51.02	33.54	8.48	8.02	11.0	2.252	106.3	3.5	0.8
872	5/31/2015 17:00:52	16.39	51.10	33.60	8.85	8.04	7.8	2.254	110.9	4.2	1.0
873	5/31/2015 17:15:52	16.48	51.04	33.55	8.64	8.03	7.0	2.246	108.3	4.1	1.0
874	5/31/2015 17:30:52	16.44	51.03	33.54	8.59	8.02	5.8	2.271	107.6	3.6	0.9
875	5/31/2015 17:45:52	16.42	50.99	33.52	8.49	8.02	6.2	2.316	106.4	3.7	0.9
876	5/31/2015 18:00:52	16.34	51.00	33.53	8.47	8.02	6.7	2.344	106.0	4.3	1.0
877	5/31/2015 18:15:52	16.26	50.99	33.51	8.39	8.01	6.1	2.408	104.8	3.3	0.8
878	5/31/2015 18:30:52	16.07	51.01	33.53	8.40	8.01	6.2	2.463	104.5	3.8	0.9
879	5/31/2015 18:45:52	15.91	50.99	33.51	8.41	8.01	7.9	2.548	104.2	3.6	0.8
880	5/31/2015 19:00:52	15.74	51.01	33.52	8.42	8.00	6.3	2.604	104.1	3.0	0.7
881	5/31/2015 19:15:52	15.55	51.04	33.53	8.37	8.00	6.1	2.696	103.1	2.6	0.6
882	5/31/2015 19:30:52	15.22	50.98	33.49	8.28	7.99	7.0	2.772	101.3	2.7	0.6
883	5/31/2015 19:45:52	14.94	50.97	33.47	8.20	7.98	6.4	2.847	99.7	3.5	0.8
884	5/31/2015 20:00:53	14.73			8.19	7.97	5.1	2.936	98.6	3.5	0.8
885	5/31/2015 20:15:53	14.45			8.19	7.97	5.8	3.001	98.0	4.0	0.9
886	5/31/2015 20:30:53	14.04			8.20	7.97	6.8	3.102	97.3	2.7	0.7
887	5/31/2015 20:45:53	13.50			8.22	7.97	6.9	3.170	96.5	2.6	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

			Marshall Island Long Term Deployment - Water Quality Data								
			SpCond		DO Conc		Turbidity+	Depth		Chlorophyll	Fluorescence
Sample #	Date & Time	Temp C	mS/cm	Salinity ppt	mg/L	pH	NTU	meters	DO%	ug/L	%FS
888	5/31/2015 21:00:53	13.09	50.84	33.32	8.16	7.98	11.4	3.260	95.5	4.0	1.0
889	5/31/2015 21:15:53	12.71	50.74	33.23	8.19	7.98	7.6	3.362	95.0	3.5	0.8
890	5/31/2015 21:30:53	12.30	50.95	33.36	8.18	7.98	7.9	3.430	94.2	3.9	0.9
891	5/31/2015 21:45:52	12.11	51.08	33.45	8.16	7.98	5.9	3.531	93.6	3.9	0.9
892	5/31/2015 22:00:52	11.89	51.06	33.42	8.21	7.98	6.3	3.613	93.8	3.6	0.9
893	5/31/2015 22:15:52	11.60	51.10	33.43	8.22	7.98	7.7	3.672	93.3	4.2	1.0
894	5/31/2015 22:30:52	11.50	51.14	33.46	8.22	7.98	5.8	3.719	93.2	2.9	0.7
895	5/31/2015 22:45:52	11.41	51.13	33.45	8.25	7.98	2.9	3.792	93.3	3.3	0.8
896	5/31/2015 23:00:53	11.38	51.07	33.40	8.24	7.98	3.2	3.805	93.1	3.2	0.8
897	5/31/2015 23:15:52	11.37	51.09	33.42	8.12	7.98	3.2	3.817	91.7	9.1	2.2
898	5/31/2015 23:30:52	11.55	50.99	33.35	8.10	7.98	3.3	3.822	91.8	3.2	0.8
899	5/31/2015 23:45:53	11.60	50.81	33.22	8.09	7.97	3.3	3.801	91.8	4.0	1.0
900	6/1/2015 00:00:53	11.60	50.82	33.23	8.14	7.98	3.5	3.744	92.3	2.6	0.6
901	6/1/2015 00:15:53	11.88			8.10	7.97	6.8	3.689	92.1	3.4	0.8
902	6/1/2015 00:30:53	12.20			8.05	7.97	12.9	3.607	92.1	3.8	0.9
903	6/1/2015 00:45:53	11.90	50.80	33.23	8.03	7.97	5.0	3.510	91.6	2.9	0.7
904	6/1/2015 01:00:53	12.56			8.06	7.98	5.6	3.418	92.8	2.9	0.7
905	6/1/2015 01:15:53	13.30			8.05	7.98	7.5	3.313	94.1	3.8	0.9
906	6/1/2015 01:30:53	13.38			8.19	7.99	8.5	3.206	95.8	2.8	0.7
907	6/1/2015 01:45:53	13.43			8.14	7.99	9.2	3.080	95.3	3.3	0.8
908	6/1/2015 02:00:53	13.68			8.09	7.99	9.9	2.976	95.3	2.7	0.7
909	6/1/2015 02:15:53	13.88			8.08	7.99	7.9	2.870	95.5	3.3	0.8
910	6/1/2015 02:30:53	14.74			8.02	7.98	9.9	2.750	96.4	3.4	0.8
911	6/1/2015 02:45:52	14.92	51.03	33.52	7.94	7.98	13.0	2.598	96.6	3.1	0.7
912	6/1/2015 03:00:52	14.60	51.15	33.59	7.77	7.96	10.6	2.506	94.0	2.5	0.6
913	6/1/2015 03:15:52	14.74	51.07	33.54	7.77	7.97	11.3	2.387	94.2	2.6	0.6
914	6/1/2015 03:30:53	14.51			7.85	7.96	11.2	2.233	94.0	2.7	0.6
915	6/1/2015 03:45:52	15.00	51.13	33.59	7.84	7.98	13.0	2.114	95.5	2.9	0.7
916	6/1/2015 04:00:53	15.12			7.93	7.98	13.3	1.997	96.1	2.8	0.7
917	6/1/2015 04:15:53	15.23			7.94	7.98	11.4	1.854	96.4	3.1	0.7
918	6/1/2015 04:30:52	15.41	51.11	33.58	7.86	7.98	12.8	1.735	96.5	3.3	0.8
919	6/1/2015 04:45:52	15.57	51.12	33.60	7.78	7.97	12.6	1.621	95.9	3.7	0.9
920	6/1/2015 05:00:52	15.70	51.12	33.60	7.74	7.97	12.9	1.524	95.7	3.2	0.8
921	6/1/2015 05:15:52	15.81	51.12	33.60	7.69	7.97	10.9	1.455	95.2	3.1	0.7
922	6/1/2015 05:30:52	15.91	51.16	33.63	7.66	7.96	10.8	1.379	95.1	3.1	0.7
923	6/1/2015 05:45:53	15.92			7.67	7.96	12.6	1.353	94.4	3.9	0.9
924	6/1/2015 06:00:52	16.31	51.14	33.62	7.60	7.98	8.8	1.354	95.1	3.9	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU			meters	ug/L
925	6/1/2015 06:15:52	16.41	51.17	33.65	7.81	7.99	10.4	1.383	97.8	3.5	0.8
926	6/1/2015 06:30:52	16.47	51.07	33.57	7.86	7.99	9.8	1.418	98.6	3.0	0.7
927	6/1/2015 06:45:52	16.50	51.14	33.62	7.82	7.99	11.5	1.484	98.2	3.6	0.8
928	6/1/2015 07:00:52	16.52	51.15	33.63	7.80	7.99	10.7	1.558	97.9	3.2	0.8
929	6/1/2015 07:15:52	16.40	51.07	33.57	7.76	7.98	11.7	1.657	97.1	2.7	0.6
930	6/1/2015 07:30:52	16.35	50.71	33.31	7.62	7.96	13.4	1.734	95.2	3.0	0.7
931	6/1/2015 07:45:52	16.27	50.83	33.40	7.67	7.96	13.1	1.806	95.7	3.6	0.9
932	6/1/2015 08:00:52	16.13	50.98	33.50	7.70	7.97	11.8	1.900	95.9	3.2	0.8
933	6/1/2015 08:15:52	16.03	50.95	33.48	7.76	7.97	11.6	1.984	96.4	2.1	0.5
934	6/1/2015 08:30:52	15.99	50.93	33.46	7.78	7.97	12.5	2.060	96.6	2.0	0.5
935	6/1/2015 08:45:53	15.82			7.81	7.96	11.2	2.164	95.9	2.6	0.6
936	6/1/2015 09:00:52	15.50	51.13	33.60	7.72	7.95	8.5	2.254	95.1	3.0	0.7
937	6/1/2015 09:15:52	15.38	51.11	33.58	7.71	7.95	11.1	2.325	94.7	2.0	0.5
938	6/1/2015 09:30:53	15.33			7.76	7.95	7.2	2.435	94.5	2.1	0.5
939	6/1/2015 09:45:53	15.25			7.76	7.95	7.5	2.525	94.4	2.7	0.7
940	6/1/2015 10:00:53	15.05			7.77	7.95	8.1	2.604	94.1	2.7	0.6
941	6/1/2015 10:15:53	14.89			7.78	7.95	7.5	2.694	94.0	2.4	0.6
942	6/1/2015 10:30:53	14.75			7.79	7.95	8.6	2.779	93.9	2.6	0.6
943	6/1/2015 10:45:53	14.56			7.81	7.95	9.8	2.859	93.8	2.3	0.6
944	6/1/2015 11:00:53	14.22			7.85	7.95	9.7	2.937	93.5	3.5	0.8
945	6/1/2015 11:15:53	13.95			7.88	7.95	11.0	3.021	93.5	2.6	0.6
946	6/1/2015 11:30:53	13.48			7.93	7.95	8.9	3.086	93.1	2.1	0.5
947	6/1/2015 11:45:53	13.17			7.99	7.96	9.0	3.158	93.4	3.7	0.9
948	6/1/2015 12:00:53	12.99	51.08	33.49	8.00	7.97	6.4	3.217	93.6	2.1	0.5
949	6/1/2015 12:15:53	12.84	51.02	33.44	8.06	7.97	5.4	3.268	93.9	2.9	0.7
950	6/1/2015 12:30:53	12.75	51.11	33.50	8.07	7.98	4.7	3.304	93.9	2.5	0.6
951	6/1/2015 12:45:53	12.70	51.05	33.45	7.96	7.97	4.3	3.318	92.5	2.6	0.6
952	6/1/2015 13:00:53	12.68			7.95	7.97	5.1	3.324	91.9	2.4	0.6
953	6/1/2015 13:15:53	12.96	51.30	33.64	7.93	7.97	5.0	3.300	92.7	1.7	0.4
954	6/1/2015 13:30:53	12.84	51.00	33.42	7.92	7.97	5.4	3.249	92.2	1.4	0.3
955	6/1/2015 13:45:53	13.20			7.93	7.97	5.4	3.200	92.6	1.7	0.4
956	6/1/2015 14:00:53	13.89	50.94	33.41	8.03	7.98	5.9	3.134	95.6	2.5	0.6
957	6/1/2015 14:15:53	13.70			8.16	7.98	10.7	3.049	96.2	2.2	0.5
958	6/1/2015 14:30:53	14.04	51.03	33.49	8.06	7.98	6.1	2.978	96.3	2.8	0.7
959	6/1/2015 14:45:53	14.57	51.03	33.50	7.97	7.98	6.7	2.901	96.2	2.5	0.6
960	6/1/2015 15:00:53	14.76			8.00	7.97	7.1	2.822	96.3	2.0	0.5
961	6/1/2015 15:15:53	14.96			8.02	7.97	5.9	2.752	96.9	3.7	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
962	6/1/2015 15:30:53	15.20			8.10	7.97	6.2	2.684	98.3	3.5	0.8
963	6/1/2015 15:45:53	15.47			8.14	7.98	7.9	2.625	99.3	2.6	0.6
964	6/1/2015 16:00:53	15.67			8.19	7.98	7.6	2.553	100.3	3.4	0.8
965	6/1/2015 16:15:53	15.71			8.13	7.98	7.5	2.495	99.7	3.4	0.8
966	6/1/2015 16:30:53	15.80			8.15	7.98	7.1	2.445	100.0	3.6	0.9
967	6/1/2015 16:45:52	15.89	50.93	33.46	8.05	7.98	8.1	2.397	99.7	2.9	0.7
968	6/1/2015 17:00:52	15.98	50.78	33.35	8.06	7.98	7.6	2.370	100.0	3.4	0.8
969	6/1/2015 17:15:52	16.01	50.79	33.36	8.00	7.98	7.6	2.328	99.3	3.5	0.8
970	6/1/2015 17:30:53	16.11			8.13	7.99	8.9	2.319	100.5	3.5	0.8
971	6/1/2015 17:45:53	16.15			8.35	7.99	8.9	2.325	103.3	3.6	0.9
972	6/1/2015 18:00:52	16.16	51.02	33.54	8.25	7.99	9.7	2.329	102.8	3.5	0.8
973	6/1/2015 18:15:53	16.13			8.25	7.99	19.6	2.345	102.0	4.1	1.0
974	6/1/2015 18:30:53	16.11			8.17	7.98	14.7	2.381	101.0	3.5	0.8
975	6/1/2015 18:45:52	16.02	51.06	33.56	8.12	7.98	7.9	2.444	101.0	4.0	0.9
976	6/1/2015 19:00:52	15.87	51.04	33.54	8.15	7.98	7.2	2.501	101.0	3.2	0.8
977	6/1/2015 19:15:53	15.64			8.18	7.98	7.5	2.562	100.2	2.9	0.7
978	6/1/2015 19:30:53	15.42			8.27	7.98	7.0	2.636	100.9	3.2	0.8
979	6/1/2015 19:45:52	15.30	51.05	33.54	8.20	7.98	7.0	2.713	100.4	3.1	0.7
980	6/1/2015 20:00:52	15.12	50.98	33.49	8.15	7.97	6.9	2.786	99.5	3.0	0.7
981	6/1/2015 20:15:53	14.77			8.16	7.97	6.1	2.864	98.5	3.6	0.8
982	6/1/2015 20:30:53	14.45			8.07	7.96	5.9	2.947	97.1	3.9	0.9
983	6/1/2015 20:45:53	14.28	50.83	33.35	8.08	7.96	6.6	3.033	96.9	3.7	0.9
984	6/1/2015 21:00:53	13.97	50.81	33.33	8.13	7.97	6.6	3.114	96.9	3.0	0.7
985	6/1/2015 21:15:53	13.71	50.90	33.38	8.19	7.98	7.0	3.202	97.1	4.3	1.0
986	6/1/2015 21:30:53	13.39	50.91	33.38	8.31	7.99	7.2	3.294	97.8	3.2	0.8
987	6/1/2015 21:45:53	13.15	50.87	33.34	8.45	8.00	7.0	3.382	99.0	3.6	0.8
988	6/1/2015 22:00:53	12.74	50.91	33.35	8.88	8.03	8.3	3.469	103.2	4.7	1.1
989	6/1/2015 22:15:53	12.50	50.89	33.33	9.11	8.04	12.8	3.551	105.4	5.7	1.4
990	6/1/2015 22:30:53	12.25	50.98	33.38	9.52	8.07	6.6	3.633	109.5	5.7	1.4
991	6/1/2015 22:45:53	11.98	50.95	33.35	9.91	8.09	6.8	3.703	113.3	8.3	2.0
992	6/1/2015 23:00:52	11.90	50.98	33.36	10.01	8.10	4.0	3.761	114.3	9.9	2.4
993	6/1/2015 23:15:53	11.84	50.98	33.36	10.13	8.11	3.1	3.819	115.5	9.9	2.4
994	6/1/2015 23:30:53	11.81	50.91	33.31	10.24	8.12	2.3	3.857	116.6	11.0	2.6
995	6/1/2015 23:45:53	11.78	50.94	33.33	10.12	8.13	1.5	3.880	115.3	7.2	1.7
996	6/2/2015 00:00:53	11.81	51.09	33.44	10.01	8.12	2.9	3.881	114.2	7.4	1.8
997	6/2/2015 00:15:53	12.12	50.90	33.31	9.76	8.09	3.7	3.864	111.9	6.3	1.5
998	6/2/2015 00:30:53	11.91	50.93	33.33	10.08	8.12	4.2	3.832	115.1	6.4	1.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond		DO Conc		pH	Turbidity+	Depth	Chlorophyll		Fluorescence
			mS/cm	Salinity ppt	mg/L					ug/L	%FS	
999	6/2/2015 00:45:53	12.14	50.90	33.32	9.55	8.08	5.3	3.766	109.5	6.6		1.6
1000	6/2/2015 01:00:53	12.14	50.95	33.36	9.44	8.07	7.2	3.686	108.4	7.3		1.7
1001	6/2/2015 01:15:53	12.06	50.84	33.27	9.51	8.07	5.9	3.601	108.9	9.0		2.1
1002	6/2/2015 01:30:53	12.55	50.75	33.22	9.15	8.05	6.2	3.510	105.8	5.6		1.3
1003	6/2/2015 01:45:53	13.60			8.48	8.02	8.6	3.394	99.8	3.8		0.9
1004	6/2/2015 02:00:52	13.45	51.02	33.46	8.61	8.02	10.3	3.277	101.6	5.1		1.2
1005	6/2/2015 02:15:53	13.47	50.84	33.33	8.57	8.01	9.0	3.163	101.1	3.6		0.8
1006	6/2/2015 02:30:53	13.54			8.54	8.01	7.8	3.060	100.4	3.9		0.9
1007	6/2/2015 02:45:52	14.13	50.93	33.42	8.18	7.99	8.9	2.925	97.8	2.9		0.7
1008	6/2/2015 03:00:53	14.56			8.02	7.98	10.3	2.793	96.3	3.9		0.9
1009	6/2/2015 03:15:52	14.80	50.99	33.48	7.85	7.97	10.9	2.674	95.2	3.1		0.7
1010	6/2/2015 03:30:52	14.29	51.00	33.48	7.81	7.95	10.4	2.558	93.7	3.6		0.8
1011	6/2/2015 03:45:53	14.10			7.88	7.95	11.8	2.415	93.8	3.6		0.9
1012	6/2/2015 04:00:53	14.54	51.00	33.48	7.80	7.96	11.7	2.276	94.1	3.3		0.8
1013	6/2/2015 04:15:53	14.88			7.83	7.96	12.2	2.147	94.6	3.2		0.8
1014	6/2/2015 04:30:53	14.99			7.84	7.96	13.0	2.005	94.9	3.2		0.8
1015	6/2/2015 04:45:53	15.12			7.79	7.96	12.6	1.866	94.5	3.1		0.7
1016	6/2/2015 05:00:53	15.22			7.71	7.95	11.3	1.734	93.7	2.8		0.7
1017	6/2/2015 05:15:53	15.30			7.64	7.94	10.5	1.607	93.1	2.9		0.7
1018	6/2/2015 05:30:52	15.45	51.04	33.54	7.53	7.94	11.9	1.480	92.6	2.6		0.6
1019	6/2/2015 05:45:53	15.53			7.52	7.93	11.1	1.398	91.9	2.9		0.7
1020	6/2/2015 06:00:53	15.52			7.47	7.93	9.5	1.302	91.4	2.8		0.7
1021	6/2/2015 06:15:53	15.53			7.41	7.92	10.3	1.247	90.7	2.9		0.7
1022	6/2/2015 06:30:53	15.67			7.31	7.92	8.6	1.246	89.7	2.7		0.6
1023	6/2/2015 06:45:53	15.51			7.46	7.92	11.1	1.245	91.3	3.9		0.9
1024	6/2/2015 07:00:52	15.69	50.95	33.47	7.46	7.93	8.3	1.310	92.1	2.9		0.7
1025	6/2/2015 07:15:53	15.89			7.55	7.94	8.9	1.373	93.1	3.3		0.8
1026	6/2/2015 07:30:52	16.29	51.07	33.57	7.57	7.96	10.5	1.453	94.6	3.5		0.8
1027	6/2/2015 07:45:52	16.27	51.02	33.53	7.57	7.95	10.8	1.547	94.6	3.7		0.9
1028	6/2/2015 08:00:52	16.18	50.64	33.25	7.47	7.94	13.1	1.618	93.0	3.3		0.8
1029	6/2/2015 08:15:52	16.16	50.67	33.28	7.44	7.93	12.3	1.702	92.6	3.2		0.8
1030	6/2/2015 08:30:52	16.10	50.78	33.36	7.47	7.94	14.4	1.800	92.9	3.4		0.8
1031	6/2/2015 08:45:53	15.89			7.57	7.94	11.5	1.876	93.2	2.1		0.5
1032	6/2/2015 09:00:53	15.85			7.59	7.94	10.8	1.968	93.4	2.3		0.5
1033	6/2/2015 09:15:52	15.82	50.95	33.47	7.55	7.94	9.5	2.054	93.4	2.6		0.6
1034	6/2/2015 09:30:52	15.62	50.92	33.45	7.57	7.94	10.3	2.157	93.3	2.8		0.7
1035	6/2/2015 09:45:52	15.42	50.91	33.44	7.59	7.94	9.0	2.255	93.2	3.2		0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1036	6/2/2015 10:00:53	15.34			7.65	7.94	8.9	2.347	93.4	2.9	0.7
1037	6/2/2015 10:15:53	15.26	50.82	33.37	7.62	7.93	8.8	2.448	93.2	2.5	0.6
1038	6/2/2015 10:30:53	15.09	50.79	33.34	7.62	7.93	9.2	2.544	92.9	2.7	0.6
1039	6/2/2015 10:45:53	14.93	50.80	33.35	7.65	7.94	9.5	2.634	92.9	2.5	0.6
1040	6/2/2015 11:00:53	14.84	50.79	33.34	7.70	7.94	9.0	2.718	93.4	2.3	0.5
1041	6/2/2015 11:15:53	14.76	50.80	33.34	7.74	7.94	9.7	2.809	93.7	2.9	0.7
1042	6/2/2015 11:30:52	14.55	50.83	33.36	7.86	7.95	10.9	2.896	94.8	2.6	0.6
1043	6/2/2015 11:45:53	14.29	50.82	33.34	8.05	7.96	12.9	2.969	96.5	3.8	0.9
1044	6/2/2015 12:00:53	13.93	50.85	33.35	8.33	7.98	10.9	3.049	99.2	3.6	0.9
1045	6/2/2015 12:15:53	13.60	50.87	33.36	8.67	8.01	10.3	3.120	102.5	4.2	1.0
1046	6/2/2015 12:30:53	13.50	50.85	33.34	8.80	8.02	8.5	3.185	103.9	5.1	1.2
1047	6/2/2015 12:45:53	13.35	50.82	33.31	8.96	8.04	13.0	3.252	105.5	4.9	1.2
1048	6/2/2015 13:00:53	13.27	50.84	33.32	9.11	8.05	6.6	3.298	107.0	7.4	1.8
1049	6/2/2015 13:15:53	13.19	50.84	33.32	9.17	8.05	5.7	3.329	107.6	5.3	1.3
1050	6/2/2015 13:30:53	13.15	50.74	33.25	9.12	8.05	3.7	3.345	106.8	3.7	0.9
1051	6/2/2015 13:45:53	13.20	50.88	33.35	9.06	8.04	3.6	3.347	106.2	4.4	1.0
1052	6/2/2015 14:00:53	13.34	50.84	33.32	9.02	8.05	6.1	3.321	106.2	4.4	1.1
1053	6/2/2015 14:15:53	13.30	50.69	33.21	9.04	8.04	5.6	3.281	106.2	5.2	1.2
1054	6/2/2015 14:30:53	13.48	50.76	33.27	8.96	8.04	6.1	3.213	105.7	3.6	0.9
1055	6/2/2015 14:45:53	14.15	50.65	33.22	9.01	8.04	7.5	3.149	107.7	3.3	0.8
1056	6/2/2015 15:00:53	14.55	50.62	33.21	9.18	8.04	7.0	3.075	110.6	3.6	0.8
1057	6/2/2015 15:15:53	14.77	50.75	33.30	9.28	8.05	11.1	2.986	112.3	3.8	0.9
1058	6/2/2015 15:30:53	15.21	50.67	33.26	9.19	8.04	8.3	2.907	112.2	3.6	0.9
1059	6/2/2015 15:45:52	15.48	50.97	33.48	8.95	8.03	7.8	2.836	110.1	2.8	0.7
1060	6/2/2015 16:00:52	15.68	50.96	33.48	8.91	8.03	7.5	2.761	110.0	3.4	0.8
1061	6/2/2015 16:15:52	15.89	50.95	33.47	8.91	8.03	7.4	2.680	110.4	3.3	0.8
1062	6/2/2015 16:30:52	16.24	50.93	33.47	8.93	8.03	9.0	2.625	111.5	2.6	0.6
1063	6/2/2015 16:45:52	16.42	50.90	33.45	9.09	8.04	7.9	2.554	113.8	3.4	0.8
1064	6/2/2015 17:00:52	16.62	50.90	33.46	9.21	8.05	7.6	2.495	115.7	2.8	0.7
1065	6/2/2015 17:15:52	16.81	50.87	33.43	9.32	8.06	8.3	2.433	117.5	2.9	0.7
1066	6/2/2015 17:30:52	16.91	50.95	33.49	9.32	8.06	7.8	2.399	117.8	2.2	0.5
1067	6/2/2015 17:45:52	17.01	50.91	33.46	9.36	8.06	7.0	2.357	118.6	2.3	0.6
1068	6/2/2015 18:00:52	17.06	50.94	33.49	9.20	8.06	6.9	2.322	116.7	2.0	0.5
1069	6/2/2015 18:15:52	17.18	50.92	33.48	9.34	8.07	7.0	2.318	118.7	3.1	0.7
1070	6/2/2015 18:30:52	17.04	50.98	33.51	10.38	8.13	6.9	2.322	131.5	3.2	0.8
1071	6/2/2015 18:45:52	17.06	50.98	33.52	9.75	8.08	6.8	2.339	123.6	2.7	0.7
1072	6/2/2015 19:00:52	17.01	51.04	33.56	9.57	8.07	6.6	2.363	121.2	2.6	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1073	6/2/2015 19:15:52	17.04	50.96	33.50	9.29	8.05	7.1	2.413	117.7	3.0	0.7
1074	6/2/2015 19:30:52	17.00	50.97	33.51	9.18	8.04	7.7	2.482	116.2	2.5	0.6
1075	6/2/2015 19:45:52	17.18	50.88	33.45	9.08	8.03	9.0	2.541	115.4	3.4	0.8
1076	6/2/2015 20:00:52	16.98	50.85	33.42	9.02	8.02	8.6	2.609	114.2	2.5	0.6
1077	6/2/2015 20:15:52	16.61	50.71	33.32	9.06	8.03	8.8	2.690	113.8	3.1	0.7
1078	6/2/2015 20:30:52	16.31	50.89	33.44	9.08	8.02	8.3	2.771	113.4	3.3	0.8
1079	6/2/2015 20:45:53	15.75	50.86	33.41	9.03	8.02	8.3	2.845	111.5	4.3	1.0
1080	6/2/2015 21:00:53	14.95	50.59	33.19	8.97	8.02	6.4	2.919	108.9	5.6	1.3
1081	6/2/2015 21:15:53	14.83	50.64	33.23	8.89	8.02	6.1	3.010	107.8	4.2	1.0
1082	6/2/2015 21:30:53	14.66	50.63	33.21	8.97	8.03	6.8	3.100	108.3	4.2	1.0
1083	6/2/2015 21:45:53	14.56	50.32	32.98	9.15	8.04	6.9	3.178	110.1	4.8	1.1
1084	6/2/2015 22:00:53	14.20	50.62	33.19	9.40	8.06	7.0	3.271	112.4	4.8	1.1
1085	6/2/2015 22:15:53	13.83	50.74	33.27	9.71	8.08	6.6	3.364	115.3	5.2	1.2
1086	6/2/2015 22:30:53	13.47	50.75	33.26	10.20	8.12	7.9	3.456	120.2	6.5	1.5
1087	6/2/2015 22:45:53	13.18	50.81	33.30	10.45	8.14	9.5	3.543	122.5	9.3	2.2
1088	6/2/2015 23:00:53	13.07	50.80	33.29	10.70	8.17	10.3	3.619	125.2	9.3	2.2
1089	6/2/2015 23:15:52	12.76	50.74	33.23	11.16	8.20	8.1	3.703	129.7	10.1	2.4
1090	6/2/2015 23:30:53	12.64	50.72	33.21	11.43	8.21	6.1	3.769	132.4	8.5	2.0
1091	6/2/2015 23:45:53	12.55	50.87	33.31	11.64	8.22	8.0	3.833	134.7	9.6	2.3
1092	6/3/2015 00:00:53	12.54	50.88	33.32	11.62	8.23	2.7	3.875	134.5	13.2	3.1
1093	6/3/2015 00:15:53	12.51	50.89	33.33	11.68	8.23	3.4	3.913	135.0	9.4	2.2
1094	6/3/2015 00:30:53	12.62	50.96	33.38	11.20	8.21	3.6	3.923	129.8	15.3	3.6
1095	6/3/2015 00:45:53	12.67	50.82	33.28	11.44	8.22	2.6	3.920	132.7	11.6	2.8
1096	6/3/2015 01:00:53	12.60	50.93	33.36	11.61	8.23	3.4	3.887	134.5	8.0	1.9
1097	6/3/2015 01:15:53	12.87	50.86	33.32	10.85	8.18	5.4	3.826	126.4	8.6	2.0
1098	6/3/2015 01:30:53	12.79	50.83	33.30	10.74	8.17	6.2	3.764	124.8	8.4	2.0
1099	6/3/2015 01:45:53	12.68	50.93	33.36	10.85	8.18	6.2	3.668	126.0	9.7	2.3
1100	6/3/2015 02:00:53	12.65	50.93	33.36	10.90	8.19	6.5	3.562	126.4	11.4	2.7
1101	6/3/2015 02:15:53	13.23	50.93	33.38	9.98	8.13	10.0	3.455	117.2	7.5	1.8
1102	6/3/2015 02:30:53	13.85	50.91	33.39	9.72	8.11	10.8	3.332	115.6	4.8	1.1
1103	6/3/2015 02:45:53	13.92	50.98	33.45	9.77	8.12	10.6	3.222	116.4	5.1	1.2
1104	6/3/2015 03:00:53	14.11	50.77	33.30	9.59	8.10	9.8	3.098	114.6	5.1	1.2
1105	6/3/2015 03:15:53	14.68	50.75	33.30	9.10	8.06	12.2	2.974	109.9	5.0	1.2
1106	6/3/2015 03:30:53	15.21	50.67	33.26	8.69	8.03	13.4	2.857	106.1	3.6	0.9
1107	6/3/2015 03:45:53	14.72	50.82	33.36	8.75	8.03	11.8	2.731	105.8	4.1	1.0
1108	6/3/2015 04:00:53	14.09	50.88	33.38	9.08	8.06	13.8	2.592	108.5	5.6	1.3
1109	6/3/2015 04:15:53	14.82	50.62	33.21	8.96	8.05	12.6	2.453	108.6	3.9	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1110	6/3/2015 04:30:53	15.00	50.69	33.27	8.84	8.05	13.9	2.313	107.5	3.8	0.9
1111	6/3/2015 04:45:53	14.93	50.71	33.28	8.81	8.04	15.4	2.175	107.0	2.8	0.7
1112	6/3/2015 05:00:53	15.37	50.64	33.24	8.69	8.03	18.9	2.023	106.4	4.1	1.0
1113	6/3/2015 05:15:53	15.40	50.65	33.25	8.60	8.02	16.4	1.882	105.5	4.0	0.9
1114	6/3/2015 05:30:53	15.75	50.74	33.32	8.43	8.01	15.1	1.732	104.1	3.9	0.9
1115	6/3/2015 05:45:52	15.88	50.87	33.42	8.32	8.00	16.4	1.588	103.0	3.5	0.8
1116	6/3/2015 06:00:53	16.07	50.65	33.26	8.23	7.99	15.9	1.455	102.3	2.9	0.7
1117	6/3/2015 06:15:52	15.99	50.48	33.14	8.16	7.98	21.2	1.333	101.1	4.0	0.9
1118	6/3/2015 06:30:52	16.21	50.48	33.14	8.11	7.98	13.7	1.242	100.9	2.6	0.6
1119	6/3/2015 06:45:52	16.08	50.43	33.10	7.98	7.97	12.5	1.152	99.1	2.8	0.7
1120	6/3/2015 07:00:53	16.49	50.41	33.09	7.99	7.97	12.2	1.109	100.0	3.4	0.8
1121	6/3/2015 07:15:52	16.01	50.38	33.06	8.09	7.97	11.3	1.111	100.2	2.8	0.7
1122	6/3/2015 07:30:52	16.35	50.52	33.17	8.12	7.98	10.6	1.153	101.3	2.8	0.7
1123	6/3/2015 07:45:52	16.62	50.32	33.03	8.13	7.98	10.7	1.234	102.0	3.3	0.8
1124	6/3/2015 08:00:52	16.98	50.47	33.14	8.20	7.99	11.4	1.316	103.5	4.1	1.0
1125	6/3/2015 08:15:52	17.22	50.48	33.15	8.23	8.00	12.4	1.400	104.5	4.1	1.0
1126	6/3/2015 08:30:52	17.11	50.47	33.14	8.23	8.00	13.3	1.481	104.2	3.5	0.8
1127	6/3/2015 08:45:52	17.12	50.13	32.89	7.95	7.97	15.8	1.570	100.6	3.9	0.9
1128	6/3/2015 09:00:52	17.02	50.23	32.97	7.99	7.98	15.4	1.652	100.9	3.7	0.9
1129	6/3/2015 09:15:52	16.87	50.35	33.06	8.07	7.98	13.4	1.723	101.7	2.7	0.6
1130	6/3/2015 09:30:52	16.69	50.37	33.07	8.14	7.99	11.3	1.824	102.3	2.8	0.7
1131	6/3/2015 09:45:52	16.63	50.39	33.08	8.23	7.99	10.9	1.905	103.2	3.0	0.7
1132	6/3/2015 10:00:52	16.56	50.45	33.12	8.23	8.00	11.1	2.005	103.2	2.3	0.5
1133	6/3/2015 10:15:52	16.30	50.33	33.03	8.28	7.99	11.4	2.105	103.2	3.2	0.8
1134	6/3/2015 10:30:53	16.06	50.36	33.05	8.29	7.98	10.8	2.209	102.8	3.1	0.7
1135	6/3/2015 10:45:52	15.97	50.44	33.10	8.27	7.98	10.5	2.310	102.4	4.2	1.0
1136	6/3/2015 11:00:52	15.85	50.44	33.10	8.25	7.98	10.8	2.416	102.0	2.5	0.6
1137	6/3/2015 11:15:53	15.73	50.35	33.04	8.27	7.97	10.9	2.511	101.9	3.7	0.9
1138	6/3/2015 11:30:53	15.61	50.43	33.09	8.38	7.98	12.9	2.618	103.0	3.4	0.8
1139	6/3/2015 11:45:53	15.50	50.44	33.09	8.50	7.99	19.7	2.703	104.3	3.1	0.7
1140	6/3/2015 12:00:53	15.37	50.33	33.01	8.57	8.00	13.6	2.795	104.9	3.3	0.8
1141	6/3/2015 12:15:53	15.07	50.35	33.02	8.82	8.02	15.0	2.884	107.3	4.1	1.0
1142	6/3/2015 12:30:53	14.77	50.38	33.03	9.08	8.04	13.2	2.963	109.8	4.4	1.1
1143	6/3/2015 12:45:53	14.39	50.32	32.98	9.43	8.07	13.9	3.040	113.0	5.2	1.2
1144	6/3/2015 13:00:53	14.15	50.27	32.94	9.71	8.09	10.8	3.110	115.9	7.2	1.7
1145	6/3/2015 13:15:53	14.02	50.41	33.03	9.87	8.11	10.1	3.181	117.5	7.2	1.7
1146	6/3/2015 13:30:53	13.94	50.48	33.08	9.97	8.12	8.1	3.240	118.6	6.3	1.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1147	6/3/2015 13:45:53	13.90	50.38	33.01	10.08	8.13	7.0	3.292	119.7	6.6	1.6
1148	6/3/2015 14:00:53	13.88	50.36	33.00	10.03	8.13	3.5	3.320	119.0	5.3	1.3
1149	6/3/2015 14:15:53	13.87	50.41	33.03	9.71	8.12	3.7	3.323	115.3	6.0	1.4
1150	6/3/2015 14:30:53	13.91	50.83	33.34	9.83	8.12	4.8	3.329	117.0	5.2	1.2
1151	6/3/2015 14:45:53	16.23	49.99	32.78	9.97	8.15	7.2	0.886	123.8	4.6	1.1
1152	6/3/2015 15:00:52	15.28	50.01	32.77	10.06	8.12	7.6	1.288	122.7	6.0	1.4
	Mean	14.82	51.13	33.58	8.24	8.04	10.95	2.64	99.29	3.88	0.92
	Minimum	11.37	49.99	32.77	6.98	7.92	1.50	0.89	85.70	1.40	0.30
	Maximum	17.22	51.74	34.08	11.68	8.23	267.90	3.92	135.00	21.90	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

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	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
0	6/3/2015 15:16:10	14.38	50.57	33.16	9.19	8.05	7.6	3.191	110.3	5.7	1.3
1	6/3/2015 15:31:10	14.56	50.71	33.27	9.37	8.08	8.1	3.124	113.0	5.6	1.3
2	6/3/2015 15:46:10	14.69	50.67	33.24	9.52	8.09	7.8	3.046	115.1	5.9	1.4
3	6/3/2015 16:01:10	15.08	50.76	33.32	9.22	8.07	9.7	2.958	112.4	4.9	1.2
4	6/3/2015 16:16:10	15.36	50.85	33.39	9.15	8.06	10.6	2.885	112.2	6.2	1.5
5	6/3/2015 16:31:10	15.81	50.81	33.38	8.81	8.04	11.2	2.797	108.9	4.0	0.9
6	6/3/2015 16:46:10	15.77	50.77	33.35	9.22	8.07	9.2	2.737	113.9	4.2	1.0
7	6/3/2015 17:01:11	15.75	50.89	33.43	9.45	8.09	8.5	2.667	116.8	4.3	1.0
8	6/3/2015 17:16:10	16.02	50.88	33.43	9.49	8.09	10.3	2.591	117.8	4.4	1.0
9	6/3/2015 17:31:10	16.43	50.95	33.48	9.25	8.07	10.3	2.528	115.9	3.4	0.8
10	6/3/2015 17:46:10	16.50	50.95	33.49	9.30	8.08	10.8	2.464	116.7	4.3	1.0
11	6/3/2015 18:01:10	16.63	50.95	33.49	9.29	8.08	10.8	2.415	116.8	3.6	0.8
12	6/3/2015 18:16:11	16.77	51.05	33.57	9.24	8.08	10.3	2.359	116.6	3.7	0.9
13	6/3/2015 18:31:11	16.89	51.05	33.57	9.18	8.09	9.2	2.323	116.1	3.7	0.9
14	6/3/2015 18:46:11	17.07	51.05	33.57	9.03	8.07	8.7	2.310	114.5	4.0	0.9
15	6/3/2015 19:01:11	17.20	51.00	33.53	8.68	8.05	8.6	2.288	110.4	4.5	1.1
16	6/3/2015 19:16:10	17.32	51.03	33.56	8.39	8.04	8.7	2.297	106.9	4.2	1.0
17	6/3/2015 19:31:11	17.31	51.14	33.63	8.76	8.06	8.9	2.328	111.6	4.5	1.1
18	6/3/2015 19:46:11	17.33	51.07	33.58	8.53	8.04	8.3	2.351	108.8	4.5	1.1
19	6/3/2015 20:01:11	17.41	51.12	33.62	8.43	8.03	8.9	2.409	107.7	4.2	1.0
20	6/3/2015 20:16:11	17.36	51.15	33.65	8.42	8.03	9.6	2.468	107.4	4.3	1.0
21	6/3/2015 20:31:10	17.26	51.08	33.60	8.45	8.03	9.7	2.539	107.6	4.7	1.1
22	6/3/2015 20:46:11	17.05	51.03	33.55	8.52	8.03	12.0	2.611	108.0	4.6	1.1
23	6/3/2015 21:01:10	16.76	51.07	33.58	8.59	8.03	9.5	2.684	108.4	4.7	1.1
24	6/3/2015 21:16:11	16.45	51.13	33.62	8.66	8.04	9.4	2.769	108.5	4.4	1.0
25	6/3/2015 21:31:11	15.62	51.03	33.53	8.80	8.04	10.3	2.843	108.5	4.8	1.1
26	6/3/2015 21:46:11	15.20	51.03	33.52	8.85	8.05	8.5	2.928	108.3	5.2	1.2
27	6/3/2015 22:01:11	14.95	50.97	33.47	8.90	8.05	7.9	3.012	108.3	5.6	1.3
28	6/3/2015 22:16:11	14.82	51.03	33.51	8.95	8.06	7.9	3.091	108.6	6.0	1.4
29	6/3/2015 22:31:11	14.57	51.05	33.52	9.13	8.07	8.1	3.182	110.2	6.2	1.5
30	6/3/2015 22:46:11	14.30	51.08	33.53	9.27	8.09	8.9	3.272	111.3	5.0	1.2
31	6/3/2015 23:01:11	14.02	51.11	33.54	9.44	8.10	7.3	3.363	112.7	6.3	1.5
32	6/3/2015 23:16:11	13.73	51.02	33.47	9.60	8.11	8.9	3.443	113.9	7.2	1.7
33	6/3/2015 23:31:11	13.43	51.01	33.45	9.78	8.13	7.8	3.531	115.3	8.2	1.9
34	6/3/2015 23:46:11	13.09	51.03	33.45	10.04	8.15	7.1	3.615	117.6	7.1	1.7
35	6/4/2015 00:01:10	12.87	50.96	33.40	10.09	8.15	7.3	3.680	117.5	8.9	2.1
36	6/4/2015 00:16:10	12.64	51.05	33.45	10.25	8.16	4.9	3.746	119.0	10.7	2.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
37	6/4/2015 00:31:11	12.59	51.05	33.45	10.33	8.17	3.6	3.800	119.7	8.6	2.0
38	6/4/2015 00:46:11	12.56	51.06	33.45	10.31	8.17	3.1	3.840	119.4	14.9	3.5
39	6/4/2015 01:01:11	12.55	51.05	33.44	10.19	8.16	2.0	3.861	118.1	9.8	2.3
40	6/4/2015 01:16:11	12.60	51.00	33.42	9.24	8.13	1.7	3.877	107.2	14.1	3.3
41	6/4/2015 01:31:12	12.61	51.13	33.51	10.03	8.16	3.8	3.852	116.3	6.3	1.5
42	6/4/2015 01:46:11	12.81	51.04	33.45	9.91	8.15	4.3	3.807	115.4	7.2	1.7
43	6/4/2015 02:01:11	12.82	51.13	33.52	9.88	8.15	4.7	3.763	115.1	7.7	1.8
44	6/4/2015 02:16:11	12.92	51.09	33.49	9.72	8.14	5.7	3.673	113.5	10.4	2.5
45	6/4/2015 02:31:11	12.81	51.07	33.48	9.81	8.14	6.5	3.579	114.2	8.5	2.0
46	6/4/2015 02:46:11	12.95	51.11	33.51	9.69	8.13	6.8	3.479	113.2	9.2	2.2
47	6/4/2015 03:01:11	13.87	51.05	33.50	9.00	8.09	9.4	3.359	107.2	6.0	1.4
48	6/4/2015 03:16:11	14.27	51.13	33.57	8.94	8.09	10.8	3.248	107.4	5.3	1.2
49	6/4/2015 03:31:11	14.33	50.98	33.46	8.94	8.08	11.6	3.130	107.4	5.0	1.2
50	6/4/2015 03:46:11	14.57	51.03	33.50	8.76	8.07	9.5	2.998	105.8	4.4	1.0
51	6/4/2015 04:01:11	15.12	51.10	33.57	8.24	8.03	11.1	2.876	100.6	4.3	1.0
52	6/4/2015 04:16:11	15.47	51.13	33.60	8.12	8.02	10.1	2.755	99.9	4.2	1.0
53	6/4/2015 04:31:10	15.74	51.11	33.59	7.78	8.00	14.5	2.618	96.2	3.7	0.9
54	6/4/2015 04:46:11	15.35	51.22	33.66	8.02	8.01	11.7	2.477	98.5	4.1	1.0
55	6/4/2015 05:01:11	15.52	51.14	33.61	8.04	8.02	13.5	2.331	99.0	4.2	1.0
56	6/4/2015 05:16:11	15.35	51.20	33.65	8.04	8.02	17.1	2.193	98.7	4.5	1.1
57	6/4/2015 05:31:10	15.75	51.14	33.61	7.83	8.00	14.8	2.055	96.8	3.7	0.9
58	6/4/2015 05:46:10	15.83	51.14	33.61	7.76	8.00	15.5	1.895	96.1	4.0	0.9
59	6/4/2015 06:01:10	16.04	51.13	33.61	7.62	7.98	13.9	1.744	94.8	3.9	0.9
60	6/4/2015 06:16:10	16.17	51.24	33.70	7.48	7.97	13.9	1.606	93.4	3.6	0.8
61	6/4/2015 06:31:10	16.15	51.23	33.69	7.46	7.97	12.6	1.461	93.0	3.4	0.8
62	6/4/2015 06:46:11	16.24	51.30	33.74	7.34	7.96	10.8	1.325	91.7	3.8	0.9
63	6/4/2015 07:01:11	16.27	51.03	33.54	7.27	7.95	13.0	1.212	90.8	3.4	0.8
64	6/4/2015 07:16:11	16.40	51.28	33.73	7.19	7.95	10.2	1.122	90.1	3.7	0.9
65	6/4/2015 07:31:11	16.52	51.24	33.70	7.05	7.94	8.3	1.044	88.6	4.5	1.1
66	6/4/2015 07:46:11	16.58	51.35	33.78	7.14	7.94	10.6	1.038	89.8	4.1	1.0
67	6/4/2015 08:01:11	16.48	51.32	33.76	7.25	7.95	9.7	1.070	91.0	3.3	0.8
68	6/4/2015 08:16:11	16.98	51.22	33.69	7.09	7.94	10.4	1.124	89.8	4.1	1.0
69	6/4/2015 08:31:10	16.98	51.27	33.73	7.13	7.95	10.1	1.218	90.4	4.1	1.0
70	6/4/2015 08:46:11	17.24	51.30	33.75	7.06	7.95	11.4	1.302	89.9	4.9	1.1
71	6/4/2015 09:01:10	17.21	51.40	33.83	7.10	7.95	10.8	1.370	90.4	4.4	1.0
72	6/4/2015 09:16:10	17.23	51.11	33.62	6.98	7.94	12.2	1.462	88.9	4.2	1.0
73	6/4/2015 09:31:11	17.13	51.05	33.57	6.98	7.94	10.9	1.546	88.6	3.9	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
74	6/4/2015 09:46:11	17.08	51.14	33.63	7.01	7.94	11.9	1.618	89.0	3.9	0.9
75	6/4/2015 10:01:11	16.92	51.12	33.62	7.14	7.95	11.1	1.713	90.4	4.1	1.0
76	6/4/2015 10:16:11	16.82	51.15	33.64	7.22	7.95	9.7	1.792	91.2	3.6	0.8
77	6/4/2015 10:31:10	16.79	51.19	33.67	7.22	7.95	10.3	1.892	91.2	3.6	0.8
78	6/4/2015 10:46:10	16.52	51.24	33.70	7.41	7.96	11.1	1.984	93.1	3.3	0.8
79	6/4/2015 11:01:11	16.28	51.25	33.70	7.58	7.97	9.5	2.086	94.8	3.8	0.9
80	6/4/2015 11:16:11	16.22	51.02	33.53	7.65	7.97	9.1	2.199	95.5	3.8	0.9
81	6/4/2015 11:31:11	16.24	51.24	33.69	7.68	7.97	9.1	2.304	95.9	3.0	0.7
82	6/4/2015 11:46:11	16.14	51.25	33.70	7.76	7.98	10.1	2.406	96.7	3.6	0.9
83	6/4/2015 12:01:11	16.05	51.21	33.67	7.87	7.99	10.5	2.511	98.0	3.6	0.9
84	6/4/2015 12:16:11	16.02	51.24	33.69	7.99	7.99	10.8	2.610	99.4	3.6	0.8
85	6/4/2015 12:31:11	15.86	51.18	33.65	8.05	8.00	10.4	2.702	99.8	3.4	0.8
86	6/4/2015 12:46:11	15.64	51.17	33.63	8.17	8.01	12.5	2.790	100.9	4.4	1.0
87	6/4/2015 13:01:11	15.40	51.16	33.62	8.38	8.02	13.4	2.873	103.0	4.5	1.1
88	6/4/2015 13:16:11	15.01	51.05	33.53	8.65	8.05	12.2	2.950	105.4	5.3	1.2
89	6/4/2015 13:31:12	14.63	51.12	33.57	8.92	8.07	11.2	3.027	107.9	6.0	1.4
90	6/4/2015 13:46:11	14.44	51.13	33.58	9.02	8.08	9.2	3.097	108.7	6.7	1.6
91	6/4/2015 14:01:11	14.35	51.18	33.61	9.07	8.09	9.4	3.162	109.1	6.1	1.4
92	6/4/2015 14:16:11	14.24	51.07	33.53	9.17	8.10	7.2	3.216	110.0	7.2	1.7
93	6/4/2015 14:31:11	14.19	51.18	33.60	9.20	8.10	4.6	3.264	110.3	4.6	1.1
94	6/4/2015 14:46:11	14.14	51.16	33.59	9.15	8.10	4.3	3.300	109.6	8.7	2.1
95	6/4/2015 15:01:11	14.13	51.21	33.62	8.81	8.08	3.4	3.306	105.5	9.4	2.2
96	6/4/2015 15:16:12	14.14	51.20	33.62	8.94	8.09	4.8	3.303	107.1	5.4	1.3
97	6/4/2015 15:31:11	14.24	51.22	33.64	9.01	8.09	5.1	3.282	108.1	5.5	1.3
98	6/4/2015 15:46:11	14.34	51.18	33.61	9.09	8.09	7.4	3.226	109.3	5.6	1.3
99	6/4/2015 16:01:11	14.69	51.15	33.60	9.05	8.10	12.0	3.164	109.6	5.4	1.3
100	6/4/2015 16:16:11	14.76	51.09	33.55	9.14	8.11	13.9	3.096	110.9	5.8	1.4
101	6/4/2015 16:31:11	14.85	51.14	33.60	9.13	8.11	13.4	3.021	110.9	6.6	1.5
102	6/4/2015 16:46:11	15.02	51.12	33.58	9.18	8.11	15.6	2.927	111.9	6.6	1.6
103	6/4/2015 17:01:11	15.17	51.12	33.59	9.16	8.12	13.9	2.852	112.0	7.1	1.7
104	6/4/2015 17:16:11	15.27	51.15	33.61	9.35	8.13	13.3	2.781	114.6	5.6	1.3
105	6/4/2015 17:31:12	15.62	51.19	33.65	9.24	8.12	16.6	2.702	114.0	5.6	1.3
106	6/4/2015 17:46:11	15.94	51.19	33.65	9.12	8.10	16.6	2.632	113.2	5.2	1.2
107	6/4/2015 18:01:11	16.02	51.14	33.62	9.10	8.11	16.4	2.575	113.1	5.3	1.3
108	6/4/2015 18:16:11	16.52	51.26	33.72	8.66	8.07	20.3	2.499	108.9	5.3	1.2
109	6/4/2015 18:31:11	16.84	51.20	33.67	8.41	8.05	20.0	2.445	106.3	4.8	1.1
110	6/4/2015 18:46:10	16.93	51.23	33.70	8.42	8.06	18.8	2.394	106.7	5.1	1.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
111	6/4/2015 19:01:10	17.09	51.26	33.73	8.24	8.04	20.3	2.352	104.7	4.9	1.2
112	6/4/2015 19:16:10	17.25	51.21	33.69	8.03	8.02	17.3	2.314	102.3	5.2	1.2
113	6/4/2015 19:31:10	17.56	51.34	33.78	7.96	8.02	16.4	2.278	102.1	5.8	1.4
114	6/4/2015 19:46:11	17.84	51.20	33.69	7.77	8.01	12.9	2.265	100.2	5.4	1.3
115	6/4/2015 20:01:10	18.27	51.16	33.66	7.58	8.01	13.1	2.266	98.5	6.1	1.4
116	6/4/2015 20:16:10	18.06	51.47	33.89	7.99	8.02	14.5	2.285	103.6	6.3	1.5
117	6/4/2015 20:31:11	17.90	51.26	33.73	8.03	8.03	14.5	2.312	103.6	5.7	1.3
118	6/4/2015 20:46:11	17.99	51.35	33.80	7.91	8.01	14.6	2.357	102.2	6.1	1.4
119	6/4/2015 21:01:11	17.84	51.31	33.77	7.91	8.00	13.9	2.418	102.0	5.8	1.4
120	6/4/2015 21:16:11	17.95	51.26	33.73	8.05	8.02	15.8	2.482	104.0	5.1	1.2
121	6/4/2015 21:31:10	17.68	51.16	33.66	8.05	8.01	15.1	2.559	103.4	5.2	1.2
122	6/4/2015 21:46:10	17.32	51.25	33.72	8.13	8.02	15.5	2.645	103.8	5.6	1.3
123	6/4/2015 22:01:11	16.97	51.17	33.66	8.31	8.03	19.2	2.713	105.2	4.9	1.2
124	6/4/2015 22:16:11	16.16	51.23	33.69	8.52	8.04	16.4	2.806	106.3	5.1	1.2
125	6/4/2015 22:31:11	15.63	51.14	33.61	8.61	8.05	13.4	2.882	106.2	4.9	1.2
126	6/4/2015 22:46:11	15.40	51.23	33.67	8.64	8.05	10.8	2.967	106.2	5.3	1.3
127	6/4/2015 23:01:11	15.22	51.26	33.69	8.72	8.06	10.4	3.058	106.7	5.6	1.3
128	6/4/2015 23:16:11	14.91	51.20	33.64	8.86	8.07	10.4	3.139	107.8	5.0	1.2
129	6/4/2015 23:31:11	14.57	51.22	33.65	8.96	8.08	10.6	3.233	108.3	5.5	1.3
130	6/4/2015 23:46:11	14.24	51.12	33.56	9.10	8.09	9.7	3.318	109.2	5.3	1.3
131	6/5/2015 00:01:11	13.84	51.16	33.58	9.33	8.11	9.5	3.400	111.1	6.8	1.6
132	6/5/2015 00:16:11	13.56	51.16	33.56	9.44	8.11	7.8	3.488	111.7	8.8	2.1
133	6/5/2015 00:31:12	13.41	51.15	33.55	9.53	8.12	9.1	3.564	112.5	7.8	1.8
134	6/5/2015 00:46:12	13.18	51.23	33.60	9.62	8.13	6.2	3.627	113.0	8.5	2.0
135	6/5/2015 01:01:11	13.04	51.10	33.50	9.61	8.13	4.5	3.696	112.5	8.7	2.0
136	6/5/2015 01:16:11	12.94	51.23	33.59	9.66	8.14	4.1	3.751	112.9	7.4	1.7
137	6/5/2015 01:31:11	12.89	51.19	33.57	9.64	8.13	3.3	3.776	112.6	7.9	1.9
138	6/5/2015 01:46:11	12.85	51.25	33.60	9.58	8.12	2.6	3.798	111.8	6.2	1.5
139	6/5/2015 02:01:12	13.36	51.18	33.58	9.34	8.11	5.3	3.806	110.1	9.8	2.3
140	6/5/2015 02:16:11	13.18	51.16	33.56	9.23	8.11	3.1	3.774	108.3	7.8	1.8
141	6/5/2015 02:31:12	13.19	51.33	33.68	9.14	8.10	5.6	3.729	107.4	7.2	1.7
142	6/5/2015 02:46:11	13.34	51.20	33.59	9.19	8.11	5.9	3.665	108.3	7.8	1.8
143	6/5/2015 03:01:11	13.21	51.26	33.63	9.27	8.11	7.9	3.576	109.0	8.1	1.9
144	6/5/2015 03:16:11	13.36	51.24	33.62	9.20	8.10	6.2	3.495	108.4	8.4	2.0
145	6/5/2015 03:31:12	13.64	51.19	33.59	9.04	8.09	7.8	3.390	107.2	7.5	1.8
146	6/5/2015 03:46:11	14.48	51.29	33.69	8.60	8.07	10.5	3.274	103.8	5.4	1.3
147	6/5/2015 04:01:11	14.45	51.23	33.65	8.63	8.07	10.3	3.164	104.1	6.0	1.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
148	6/5/2015 04:16:11	14.59	51.22	33.64	8.60	8.07	12.3	3.045	104.0	5.5	1.3
149	6/5/2015 04:31:11	14.77	51.22	33.65	8.38	8.05	10.2	2.929	101.6	5.4	1.3
150	6/5/2015 04:46:12	15.37	51.30	33.72	7.78	8.01	12.2	2.808	95.5	4.5	1.1
151	6/5/2015 05:01:11	15.92	51.32	33.75	7.73	8.01	16.1	2.678	96.0	4.3	1.0
152	6/5/2015 05:16:10	16.10	51.29	33.73	7.57	7.99	15.0	2.561	94.4	4.5	1.0
153	6/5/2015 05:31:10	16.17	51.28	33.72	7.44	7.99	14.2	2.431	92.8	5.2	1.2
154	6/5/2015 05:46:10	15.75	51.27	33.71	7.65	8.00	17.3	2.274	94.7	4.5	1.1
155	6/5/2015 06:01:11	15.53	51.30	33.73	7.61	7.99	14.4	2.127	93.8	4.2	1.0
156	6/5/2015 06:16:11	15.68	51.34	33.76	7.60	7.99	16.6	1.996	94.0	4.9	1.2
157	6/5/2015 06:31:11	16.00	51.33	33.76	7.39	7.98	16.2	1.848	92.0	4.4	1.0
158	6/5/2015 06:46:11	16.33	51.38	33.80	7.26	7.97	17.4	1.697	90.9	4.0	0.9
159	6/5/2015 07:01:11	16.58	51.40	33.82	7.12	7.96	15.9	1.543	89.6	3.9	0.9
160	6/5/2015 07:16:10	16.73	51.37	33.80	6.99	7.95	14.3	1.413	88.2	3.6	0.8
161	6/5/2015 07:31:10	16.85	51.36	33.79	6.86	7.95	11.9	1.298	86.7	3.9	0.9
162	6/5/2015 07:46:10	17.01	51.41	33.84	6.81	7.94	12.9	1.170	86.4	3.6	0.8
163	6/5/2015 08:01:11	16.93	51.39	33.82	6.74	7.93	9.5	1.078	85.4	3.9	0.9
164	6/5/2015 08:16:11	17.08	51.38	33.81	6.48	7.91	8.5	1.029	82.4	3.6	0.9
165	6/5/2015 08:31:11	16.98	51.36	33.80	6.97	7.94	10.6	1.022	88.4	4.2	1.0
166	6/5/2015 08:46:11	17.43	51.43	33.85	6.80	7.94	11.1	1.053	87.0	4.9	1.2
167	6/5/2015 09:01:10	17.58	51.41	33.84	6.76	7.93	9.7	1.104	86.7	4.7	1.1
168	6/5/2015 09:16:11	17.85	51.47	33.88	6.73	7.94	9.8	1.205	86.9	5.6	1.3
169	6/5/2015 09:31:11	18.07	51.48	33.90	6.69	7.94	10.2	1.279	86.7	5.1	1.2
170	6/5/2015 09:46:11	17.99	51.47	33.88	6.75	7.94	9.5	1.346	87.4	5.0	1.2
171	6/5/2015 10:01:11	17.81	51.19	33.68	6.65	7.93	11.1	1.438	85.6	5.1	1.2
172	6/5/2015 10:16:11	17.79	51.14	33.64	6.62	7.93	10.9	1.530	85.2	4.4	1.0
173	6/5/2015 10:31:11	17.59	51.21	33.69	6.69	7.93	10.6	1.599	85.7	4.5	1.1
174	6/5/2015 10:46:11	17.40	51.25	33.72	6.80	7.94	10.0	1.687	86.9	4.2	1.0
175	6/5/2015 11:01:10	17.26	51.32	33.77	6.85	7.94	9.7	1.785	87.3	3.9	0.9
176	6/5/2015 11:16:11	17.17	51.26	33.72	6.89	7.94	10.5	1.889	87.7	3.5	0.8
177	6/5/2015 11:31:11	16.86	51.33	33.78	7.09	7.95	11.1	1.978	89.7	3.7	0.9
178	6/5/2015 11:46:11	16.60	51.26	33.72	7.32	7.96	10.4	2.080	92.0	3.8	0.9
179	6/5/2015 12:01:10	16.56	51.31	33.76	7.39	7.97	9.5	2.194	92.9	3.9	0.9
180	6/5/2015 12:16:11	16.61	51.27	33.72	7.45	7.97	10.1	2.300	93.8	3.9	0.9
181	6/5/2015 12:31:11	16.57	51.34	33.78	7.55	7.98	11.2	2.399	95.0	3.9	0.9
182	6/5/2015 12:46:12	16.54	51.36	33.79	7.70	7.99	10.5	2.499	96.9	3.8	0.9
183	6/5/2015 13:01:11	16.40	51.32	33.76	7.79	8.00	11.1	2.599	97.7	3.8	0.9
184	6/5/2015 13:16:11	16.20	51.25	33.70	7.86	8.00	12.3	2.690	98.1	3.4	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
185	6/5/2015 13:31:11	15.92	51.22	33.68	8.02	8.01	13.3	2.769	99.6	3.6	0.8
186	6/5/2015 13:46:12	15.69	51.28	33.71	8.22	8.03	15.1	2.861	101.6	4.7	1.1
187	6/5/2015 14:01:11	15.22	51.25	33.68	8.55	8.05	12.2	2.951	104.8	6.0	1.4
188	6/5/2015 14:16:11	14.85	51.23	33.66	8.81	8.07	11.7	3.022	107.1	6.4	1.5
189	6/5/2015 14:31:11	14.56	51.17	33.60	9.03	8.09	11.6	3.094	109.1	7.3	1.7
190	6/5/2015 14:46:11	14.46	51.19	33.62	9.15	8.10	11.2	3.156	110.3	6.5	1.5
191	6/5/2015 15:01:12	14.34	51.26	33.67	9.22	8.11	9.0	3.220	110.9	6.6	1.6
192	6/5/2015 15:16:12	14.26	51.23	33.64	9.27	8.11	6.7	3.271	111.3	6.4	1.5
193	6/5/2015 15:31:11	14.19	51.16	33.59	9.17	8.11	4.0	3.300	110.0	5.7	1.3
194	6/5/2015 15:46:11	14.15	51.17	33.59	8.89	8.08	3.9	3.318	106.5	7.1	1.7
195	6/5/2015 16:01:12	14.19	51.23	33.64	8.95	8.08	4.3	3.319	107.3	4.9	1.2
196	6/5/2015 16:16:11	14.26	51.16	33.59	8.99	8.09	6.2	3.277	108.0	7.4	1.7
197	6/5/2015 16:31:11	14.36	51.22	33.63	9.03	8.10	6.8	3.232	108.6	5.6	1.3
198	6/5/2015 16:46:12	14.78	51.20	33.64	8.93	8.09	7.3	3.169	108.4	5.1	1.2
199	6/5/2015 17:01:12	15.18	51.16	33.62	9.13	8.10	9.7	3.091	111.6	5.6	1.3
200	6/5/2015 17:16:11	15.16	51.18	33.63	9.23	8.11	7.7	3.022	112.9	6.3	1.5
201	6/5/2015 17:31:11	15.61	51.23	33.68	9.25	8.11	9.2	2.929	114.1	5.2	1.2
202	6/5/2015 17:46:11	16.03	51.30	33.74	9.21	8.11	9.5	2.848	114.6	5.3	1.2
203	6/5/2015 18:01:11	16.61	51.15	33.64	8.93	8.09	8.6	2.775	112.4	4.5	1.1
204	6/5/2015 18:16:11	16.74	51.33	33.77	8.87	8.08	9.5	2.709	112.0	4.2	1.0
205	6/5/2015 18:31:10	17.08	51.31	33.76	8.73	8.07	10.8	2.627	110.9	3.7	0.9
206	6/5/2015 18:46:10	17.31	51.36	33.80	8.73	8.07	10.0	2.560	111.4	4.1	1.0
207	6/5/2015 19:01:11	17.33	51.33	33.78	9.03	8.08	9.5	2.500	115.3	4.2	1.0
208	6/5/2015 19:16:11	17.33	51.34	33.78	9.06	8.09	9.7	2.439	115.7	4.1	1.0
209	6/5/2015 19:31:11	17.50	51.32	33.77	9.13	8.09	7.9	2.381	116.9	4.3	1.0
210	6/5/2015 19:46:10	17.48	51.25	33.72	9.29	8.11	7.5	2.334	119.0	4.6	1.1
211	6/5/2015 20:01:11	18.06	51.39	33.83	8.97	8.09	7.8	2.287	116.1	4.7	1.1
212	6/5/2015 20:16:10	18.10	51.34	33.79	8.73	8.08	6.7	2.271	113.1	4.6	1.1
213	6/5/2015 20:31:10	18.22	51.39	33.83	8.42	8.06	6.4	2.241	109.4	4.3	1.0
214	6/5/2015 20:46:11	18.31	51.35	33.80	8.54	8.07	6.3	2.254	111.1	5.4	1.3
215	6/5/2015 21:01:11	18.17	51.37	33.82	8.87	8.09	7.4	2.262	115.1	5.8	1.4
216	6/5/2015 21:16:11	18.08	51.38	33.82	8.87	8.08	7.8	2.280	114.9	5.1	1.2
217	6/5/2015 21:31:10	18.06	51.25	33.73	8.74	8.07	8.2	2.342	113.1	5.4	1.3
218	6/5/2015 21:46:11	18.03	51.27	33.74	8.59	8.05	8.4	2.385	111.1	5.0	1.2
219	6/5/2015 22:01:11	18.03	51.23	33.71	8.48	8.05	8.4	2.449	109.7	4.8	1.1
220	6/5/2015 22:16:11	17.88	51.37	33.81	8.50	8.05	9.5	2.528	109.7	4.3	1.0
221	6/5/2015 22:31:11	17.57	51.39	33.82	8.57	8.05	8.6	2.601	109.9	4.7	1.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
222	6/5/2015 22:46:11	17.21	51.35	33.79	8.66	8.05	7.8	2.676	110.3	4.6	1.1
223	6/5/2015 23:01:10	16.72	51.25	33.71	8.75	8.06	7.9	2.751	110.4	4.5	1.0
224	6/5/2015 23:16:11	16.00	51.32	33.75	8.69	8.05	8.1	2.825	108.1	4.8	1.1
225	6/5/2015 23:31:11	15.82	51.22	33.68	8.63	8.05	6.7	2.909	107.0	4.0	0.9
226	6/5/2015 23:46:11	15.59	51.19	33.65	8.61	8.05	7.0	2.992	106.2	4.7	1.1
227	6/6/2015 00:01:11	15.42	51.28	33.71	8.60	8.05	7.9	3.060	105.7	4.8	1.1
228	6/6/2015 00:16:12	14.96	51.26	33.68	8.70	8.05	7.0	3.157	106.0	5.0	1.2
229	6/6/2015 00:31:11	14.51	51.19	33.62	8.80	8.06	7.4	3.239	106.2	5.4	1.3
230	6/6/2015 00:46:11	14.16	51.26	33.66	8.92	8.06	9.2	3.314	106.9	6.4	1.5
231	6/6/2015 01:01:11	13.64	51.29	33.67	9.10	8.06	8.3	3.390	107.9	6.2	1.5
232	6/6/2015 01:16:11	13.34	51.28	33.65	9.14	8.06	7.9	3.468	107.8	6.4	1.5
233	6/6/2015 01:31:11	13.11	51.32	33.67	9.23	8.07	7.5	3.537	108.3	8.7	2.0
234	6/6/2015 01:46:11	12.94	51.32	33.66	9.25	8.07	6.6	3.593	108.2	9.7	2.3
235	6/6/2015 02:01:11	12.81	51.33	33.66	9.29	8.07	5.9	3.646	108.3	7.5	1.8
236	6/6/2015 02:16:11	12.66	51.33	33.66	9.24	8.07	4.7	3.681	107.4	8.9	2.1
237	6/6/2015 02:31:11	12.59	51.34	33.66	9.21	8.07	2.8	3.699	106.8	6.5	1.5
238	6/6/2015 02:46:11	12.62	51.17	33.54	8.94	8.05	4.9	3.707	103.7	7.7	1.8
239	6/6/2015 03:01:12	12.88	51.22	33.58	8.86	8.05	3.7	3.694	103.3	7.4	1.8
240	6/6/2015 03:16:11	12.86	51.14	33.53	8.99	8.06	5.6	3.650	104.8	5.1	1.2
241	6/6/2015 03:31:11	13.31	51.18	33.57	8.76	8.05	4.6	3.603	103.2	5.2	1.2
242	6/6/2015 03:46:11	13.33	51.39	33.73	8.78	8.05	6.6	3.523	103.6	6.7	1.6
243	6/6/2015 04:01:11	13.36	51.32	33.68	8.84	8.05	6.4	3.435	104.3	6.9	1.6
244	6/6/2015 04:16:11	13.66	51.19	33.59	8.75	8.05	9.0	3.334	103.7	6.4	1.5
245	6/6/2015 04:31:11	14.71	51.23	33.65	8.38	8.04	8.4	3.234	101.5	4.8	1.1
246	6/6/2015 04:46:11	14.73	51.24	33.67	8.38	8.04	8.4	3.127	101.6	4.9	1.1
247	6/6/2015 05:01:11	14.95	51.21	33.65	8.32	8.04	9.5	3.017	101.3	4.5	1.1
248	6/6/2015 05:16:11	15.13	51.30	33.72	8.21	8.03	9.8	2.898	100.3	6.2	1.5
249	6/6/2015 05:31:12	15.42	51.37	33.77	7.86	8.00	8.6	2.791	96.6	4.0	0.9
250	6/6/2015 05:46:11	16.33	51.30	33.75	7.61	8.01	10.7	2.665	95.3	4.0	0.9
251	6/6/2015 06:01:11	16.40	51.38	33.81	7.74	8.00	11.1	2.537	97.1	3.8	0.9
252	6/6/2015 06:16:11	15.97	51.19	33.66	7.65	7.99	10.0	2.420	95.1	3.7	0.9
253	6/6/2015 06:31:11	16.37	51.41	33.83	7.71	8.00	11.2	2.286	96.7	4.0	0.9
254	6/6/2015 06:46:11	16.06	51.32	33.75	7.72	7.99	10.4	2.151	96.1	3.2	0.8
255	6/6/2015 07:01:11	16.07	51.42	33.83	7.68	7.99	11.6	2.002	95.7	4.0	0.9
256	6/6/2015 07:16:11	16.42	51.41	33.82	7.62	7.99	12.0	1.865	95.6	4.6	1.1
257	6/6/2015 07:31:11	16.75	51.37	33.80	7.54	7.98	12.5	1.721	95.3	3.2	0.8
258	6/6/2015 07:46:10	16.91	51.40	33.83	7.52	7.98	11.5	1.588	95.2	3.7	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
259	6/6/2015 08:01:11	17.21	51.37	33.81	7.43	7.98	11.0	1.454	94.7	3.6	0.8
260	6/6/2015 08:16:11	17.40	51.40	33.83	7.37	7.98	10.3	1.348	94.3	3.6	0.8
261	6/6/2015 08:31:11	17.41	51.45	33.86	7.35	7.97	9.4	1.256	94.0	3.5	0.8
262	6/6/2015 08:46:11	17.63	51.52	33.92	7.21	7.97	7.3	1.175	92.7	3.5	0.8
263	6/6/2015 09:01:11	17.72	51.49	33.90	7.03	7.96	8.1	1.115	90.5	3.4	0.8
264	6/6/2015 09:16:10	17.79	51.61	33.98	6.98	7.95	6.5	1.111	90.1	4.1	1.0
265	6/6/2015 09:31:11	18.13	51.58	33.97	7.34	7.98	7.6	1.143	95.2	4.3	1.0
266	6/6/2015 09:46:11	18.26	51.49	33.91	7.31	7.97	8.1	1.198	95.1	4.7	1.1
267	6/6/2015 10:01:11	18.37	51.43	33.86	7.27	7.97	9.0	1.261	94.7	4.7	1.1
268	6/6/2015 10:16:10	18.47	51.50	33.91	7.24	7.97	10.1	1.348	94.6	4.7	1.1
269	6/6/2015 10:31:10	18.56	51.37	33.81	7.19	7.96	10.3	1.419	94.0	4.6	1.1
270	6/6/2015 10:46:11	18.51	51.21	33.70	6.96	7.95	10.8	1.503	90.8	4.6	1.1
271	6/6/2015 11:01:10	18.24	51.24	33.71	7.05	7.95	10.1	1.589	91.5	4.7	1.1
272	6/6/2015 11:16:10	18.11	51.31	33.77	7.10	7.95	8.8	1.668	92.0	4.3	1.0
273	6/6/2015 11:31:11	17.99	51.39	33.83	7.23	7.96	8.6	1.755	93.5	4.5	1.1
274	6/6/2015 11:46:11	17.81	51.43	33.85	7.25	7.96	7.9	1.847	93.5	4.2	1.0
275	6/6/2015 12:01:11	17.71	51.45	33.87	7.27	7.96	7.5	1.947	93.6	8.2	1.9
276	6/6/2015 12:16:11	17.54	51.33	33.78	7.34	7.96	8.6	2.043	94.1	5.7	1.3
277	6/6/2015 12:31:11	17.39	51.35	33.79	7.46	7.97	7.9	2.144	95.4	5.6	1.3
278	6/6/2015 12:46:11	17.31	51.34	33.78	7.60	7.98	8.6	2.253	96.9	6.1	1.4
279	6/6/2015 13:01:10	17.21	51.37	33.81	7.65	7.98	9.0	2.356	97.5	5.8	1.4
280	6/6/2015 13:16:11	17.01	51.43	33.85	7.75	7.99	8.6	2.452	98.4	8.3	2.0
281	6/6/2015 13:31:11	16.87	51.28	33.74	7.87	8.00	9.3	2.553	99.6	4.4	1.0
282	6/6/2015 13:46:11	16.65	51.30	33.75	7.91	8.00	10.1	2.646	99.6	6.7	1.6
283	6/6/2015 14:01:11	16.50	51.25	33.71	7.96	8.00	9.9	2.745	100.0	6.9	1.6
284	6/6/2015 14:16:11	16.18	51.31	33.75	8.14	8.01	13.8	2.828	101.6	8.9	2.1
285	6/6/2015 14:31:11	15.76	51.25	33.70	8.38	8.02	12.4	2.911	103.7	8.3	1.9
286	6/6/2015 14:46:12	15.30	51.22	33.67	8.53	8.03	12.2	2.994	104.6	8.6	2.0
287	6/6/2015 15:01:12	14.86	51.28	33.70	8.72	8.04	11.9	3.081	106.0	7.4	1.7
288	6/6/2015 15:16:11	14.60	51.20	33.63	8.88	8.05	11.8	3.150	107.4	6.2	1.5
289	6/6/2015 15:31:11	14.46	51.24	33.66	9.00	8.06	11.9	3.222	108.6	5.6	1.3
290	6/6/2015 15:46:11	14.32	51.16	33.59	9.10	8.07	9.7	3.288	109.4	7.0	1.6
291	6/6/2015 16:01:11	14.23	51.25	33.65	9.10	8.07	7.2	3.343	109.2	7.7	1.8
292	6/6/2015 16:16:12	14.14	51.24	33.65	9.05	8.07	6.2	3.369	108.4	5.3	1.3
293	6/6/2015 16:31:11	14.12	51.23	33.64	8.69	8.05	3.8	3.390	104.0	13.1	3.1
294	6/6/2015 16:46:12	14.30	51.22	33.64	8.79	8.05	6.9	3.388	105.7	11.5	2.7
295	6/6/2015 17:01:11	14.19	51.30	33.69	8.83	8.06	5.4	3.364	106.0	6.2	1.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
296	6/6/2015 17:16:12	14.25	51.28	33.68	8.86	8.06	5.6	3.316	106.4	7.6	1.8
297	6/6/2015 17:31:11	14.54	51.29	33.70	8.82	8.06	7.2	3.254	106.6	6.2	1.5
298	6/6/2015 17:46:12	14.83	51.25	33.68	8.89	8.07	7.9	3.184	108.0	6.5	1.5
299	6/6/2015 18:01:11	14.98	51.21	33.65	8.99	8.07	6.5	3.105	109.6	8.6	2.0
300	6/6/2015 18:16:11	15.16	51.21	33.65	9.03	8.07	6.8	3.018	110.5	5.7	1.3
301	6/6/2015 18:31:11	15.79	51.21	33.67	8.97	8.08	7.0	2.935	111.1	5.5	1.3
302	6/6/2015 18:46:11	16.62	51.34	33.78	8.94	8.08	7.3	2.863	112.6	5.0	1.2
303	6/6/2015 19:01:10	16.99	51.30	33.75	8.89	8.09	7.2	2.782	112.8	5.0	1.2
304	6/6/2015 19:16:10	17.14	51.27	33.73	8.81	8.08	7.6	2.714	112.1	4.7	1.1
305	6/6/2015 19:31:10	17.35	51.27	33.73	8.60	8.07	7.1	2.654	109.8	5.1	1.2
306	6/6/2015 19:46:10	17.54	51.34	33.78	8.58	8.07	8.3	2.578	110.0	4.7	1.1
307	6/6/2015 20:01:10	17.61	51.41	33.84	8.56	8.06	8.3	2.521	109.9	5.7	1.3
308	6/6/2015 20:16:10	17.60	51.25	33.72	8.56	8.06	8.1	2.475	109.8	3.8	0.9
309	6/6/2015 20:31:10	17.82	51.23	33.71	8.55	8.06	7.8	2.412	110.1	5.4	1.3
310	6/6/2015 20:46:11	17.78	51.32	33.78	8.56	8.07	6.8	2.379	110.2	6.0	1.4
311	6/6/2015 21:01:11	18.20	51.40	33.84	8.36	8.07	7.5	2.331	108.6	5.1	1.2
312	6/6/2015 21:16:10	18.42	51.34	33.79	8.26	8.05	9.4	2.321	107.7	5.2	1.2
313	6/6/2015 21:31:10	18.51	51.39	33.83	7.61	8.02	5.3	2.311	99.4	4.4	1.0
314	6/6/2015 21:46:10	18.53	51.41	33.85	7.99	8.06	6.5	2.298	104.3	5.8	1.4
315	6/6/2015 22:01:11	18.37	51.39	33.83	8.36	8.06	7.6	2.332	108.9	4.9	1.2
316	6/6/2015 22:16:10	18.31	51.35	33.80	8.42	8.06	7.9	2.361	109.5	7.9	1.9
317	6/6/2015 22:31:10	18.20	51.32	33.78	8.46	8.06	7.8	2.399	109.8	6.8	1.6
318	6/6/2015 22:46:10	17.98	51.40	33.84	8.40	8.05	7.0	2.456	108.7	8.1	1.9
319	6/6/2015 23:01:11	17.80	51.40	33.83	8.41	8.04	6.7	2.523	108.3	7.2	1.7
320	6/6/2015 23:16:11	17.58	51.39	33.83	8.48	8.04	7.3	2.583	108.8	6.3	1.5
321	6/6/2015 23:31:11	17.43	51.41	33.84	8.46	8.04	6.5	2.651	108.3	5.7	1.3
322	6/6/2015 23:46:10	17.25	51.33	33.78	8.51	8.05	6.4	2.727	108.4	4.0	0.9
323	6/7/2015 00:01:10	16.76	51.31	33.76	8.56	8.04	6.2	2.784	108.0	4.3	1.0
324	6/7/2015 00:16:11	16.38	51.38	33.80	8.44	8.03	6.5	2.860	105.9	4.3	1.0
325	6/7/2015 00:31:11	16.10	51.32	33.75	8.41	8.03	5.7	2.933	104.8	4.1	1.0
326	6/7/2015 00:46:11	15.78	51.30	33.73	8.43	8.03	6.2	3.003	104.4	4.8	1.1
327	6/7/2015 01:01:11	15.58	51.32	33.74	8.43	8.03	5.5	3.076	104.1	3.9	0.9
328	6/7/2015 01:16:11	15.25	51.35	33.76	8.47	8.03	5.8	3.145	103.8	4.4	1.0
329	6/7/2015 01:31:11	14.83	51.34	33.74	8.51	8.03	6.1	3.230	103.4	3.8	0.9
330	6/7/2015 01:46:12	14.43	51.31	33.70	8.54	8.03	6.3	3.292	102.9	4.5	1.0
331	6/7/2015 02:01:11	14.11	51.33	33.71	8.56	8.02	6.9	3.358	102.5	4.8	1.1
332	6/7/2015 02:16:11	13.70	51.21	33.61	8.62	8.02	7.0	3.429	102.4	6.4	1.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
333	6/7/2015 02:31:10	13.37	51.27	33.64	8.65	8.02	6.4	3.491	102.0	5.4	1.3
334	6/7/2015 02:46:10	13.12	51.25	33.62	8.67	8.02	5.7	3.529	101.8	6.0	1.4
335	6/7/2015 03:01:11	13.04	51.37	33.70	8.57	8.02	3.6	3.569	100.4	5.5	1.3
336	6/7/2015 03:16:11	12.96	51.36	33.69	8.57	8.02	3.7	3.604	100.3	5.3	1.2
337	6/7/2015 03:31:12	12.78	51.36	33.68	8.39	8.01	2.6	3.605	97.7	5.2	1.2
338	6/7/2015 03:46:11	12.94	51.34	33.67	8.39	8.00	3.4	3.595	98.1	5.2	1.2
339	6/7/2015 04:01:11	13.00	51.40	33.72	8.39	8.01	3.2	3.577	98.2	4.6	1.1
340	6/7/2015 04:16:11	13.05	51.35	33.69	8.38	8.01	4.0	3.525	98.3	4.9	1.1
341	6/7/2015 04:31:11	14.31	51.31	33.70	8.14	8.01	6.4	3.463	97.9	3.8	0.9
342	6/7/2015 04:46:11	14.15	51.39	33.75	8.21	8.01	9.4	3.387	98.5	6.5	1.5
343	6/7/2015 05:01:11	13.98	51.29	33.68	8.24	8.01	7.8	3.298	98.4	4.6	1.1
344	6/7/2015 05:16:11	15.16	51.23	33.67	8.01	8.01	8.8	3.220	97.9	4.2	1.0
345	6/7/2015 05:31:11	15.16	51.39	33.79	8.06	8.02	8.1	3.118	98.6	4.4	1.0
346	6/7/2015 05:46:11	15.35	51.34	33.75	8.05	8.01	8.7	3.012	98.8	3.6	0.9
347	6/7/2015 06:01:11	15.51	51.38	33.79	7.87	8.00	7.8	2.904	97.0	3.5	0.8
348	6/7/2015 06:16:11	15.77	51.27	33.71	7.64	7.99	8.9	2.813	94.6	3.8	0.9
349	6/7/2015 06:31:11	16.63	51.41	33.82	7.14	7.97	10.5	2.705	90.0	3.5	0.8
350	6/7/2015 06:46:10	16.75	51.40	33.82	6.99	7.96	10.4	2.578	88.2	3.1	0.7
351	6/7/2015 07:01:11	16.62	51.24	33.70	7.00	7.96	10.3	2.462	88.1	4.2	1.0
352	6/7/2015 07:16:10	16.73	51.35	33.79	7.25	7.97	11.4	2.350	91.6	3.7	0.9
353	6/7/2015 07:31:10	16.72	51.35	33.79	7.38	7.98	11.4	2.216	93.1	3.6	0.8
354	6/7/2015 07:46:11	16.77	51.47	33.87	7.41	7.98	10.5	2.085	93.6	3.7	0.9
355	6/7/2015 08:01:11	17.00	51.35	33.79	7.36	7.98	11.3	1.958	93.3	3.7	0.9
356	6/7/2015 08:16:11	17.23	51.47	33.88	7.29	7.97	11.4	1.839	93.0	3.5	0.8
357	6/7/2015 08:31:12	17.30	51.47	33.88	7.29	7.97	10.3	1.699	93.0	3.4	0.8
358	6/7/2015 08:46:12	17.49	51.52	33.92	7.19	7.98	9.0	1.580	92.2	3.2	0.8
359	6/7/2015 09:01:11	17.58	51.47	33.88	7.20	7.98	7.9	1.479	92.4	3.5	0.8
360	6/7/2015 09:16:11	17.74	51.41	33.84	7.11	7.97	7.0	1.386	91.5	3.3	0.8
361	6/7/2015 09:31:11	18.01	51.46	33.88	6.98	7.97	7.8	1.320	90.4	3.6	0.8
362	6/7/2015 09:46:11	17.99	51.53	33.93	6.96	7.96	7.6	1.269	90.1	3.3	0.8
363	6/7/2015 10:01:11	18.34	51.59	33.98	6.88	7.98	7.8	1.257	89.6	3.6	0.8
364	6/7/2015 10:16:11	18.28	51.55	33.95	7.07	7.99	6.5	1.279	92.0	4.0	0.9
365	6/7/2015 10:31:11	18.19	51.65	34.02	7.11	7.98	6.2	1.325	92.4	3.8	0.9
366	6/7/2015 10:46:10	18.56	51.66	34.03	7.00	7.99	6.3	1.370	91.7	4.7	1.1
367	6/7/2015 11:01:11	18.72	51.57	33.97	6.98	7.99	11.3	1.452	91.6	5.3	1.2
368	6/7/2015 11:16:11	18.63	51.60	33.99	7.14	7.99	7.9	1.541	93.6	5.1	1.2
369	6/7/2015 11:31:11	18.53	51.49	33.91	7.07	7.97	8.1	1.606	92.4	4.8	1.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
370	6/7/2015 11:46:10	18.49	51.36	33.81	6.91	7.96	8.4	1.684	90.2	4.4	1.0
371	6/7/2015 12:01:10	18.36	51.44	33.87	6.97	7.96	8.6	1.770	90.8	4.3	1.0
372	6/7/2015 12:16:11	18.16	51.45	33.88	7.12	7.96	7.9	1.855	92.4	4.6	1.1
373	6/7/2015 12:31:11	18.04	51.41	33.84	7.16	7.97	7.5	1.941	92.7	4.4	1.0
374	6/7/2015 12:46:11	17.96	51.45	33.87	7.15	7.96	7.5	2.030	92.4	3.8	0.9
375	6/7/2015 13:01:11	17.74	51.47	33.88	7.19	7.96	7.4	2.129	92.6	3.7	0.9
376	6/7/2015 13:16:10	17.40	51.40	33.83	7.37	7.97	7.9	2.230	94.3	2.9	0.7
377	6/7/2015 13:31:10	17.31	51.40	33.83	7.41	7.97	7.2	2.317	94.7	3.1	0.7
378	6/7/2015 13:46:11	17.23	51.40	33.83	7.45	7.97	7.8	2.427	95.0	3.1	0.7
379	6/7/2015 14:01:11	17.11	51.41	33.84	7.54	7.98	8.8	2.522	95.9	3.4	0.8
380	6/7/2015 14:16:10	16.94	51.40	33.83	7.63	7.98	8.9	2.610	96.7	3.8	0.9
381	6/7/2015 14:31:11	16.74	51.37	33.80	7.69	7.98	9.9	2.709	97.0	3.4	0.8
382	6/7/2015 14:46:10	16.59	51.32	33.76	7.71	7.99	10.1	2.791	97.1	3.3	0.8
383	6/7/2015 15:01:11	16.21	51.28	33.72	7.96	8.00	12.6	2.883	99.4	4.3	1.0
384	6/7/2015 15:16:11	15.85	51.28	33.72	8.09	8.00	12.3	2.971	100.3	3.8	0.9
385	6/7/2015 15:31:11	15.23	51.29	33.71	8.20	8.00	12.0	3.051	100.4	4.8	1.1
386	6/7/2015 15:46:11	14.55	51.21	33.64	8.40	8.01	11.4	3.135	101.5	5.9	1.4
387	6/7/2015 16:01:11	14.15	51.27	33.67	8.58	8.02	11.3	3.212	102.8	5.8	1.4
388	6/7/2015 16:16:11	14.05	51.30	33.69	8.66	8.03	11.6	3.289	103.6	5.3	1.3
389	6/7/2015 16:31:11	13.90	51.25	33.65	8.76	8.04	9.0	3.352	104.4	5.6	1.3
390	6/7/2015 16:46:11	13.75	51.30	33.68	8.87	8.04	7.0	3.401	105.5	7.3	1.7
391	6/7/2015 17:01:11	13.66	51.32	33.69	8.86	8.05	5.1	3.447	105.2	9.1	2.1
392	6/7/2015 17:16:11	13.61	51.21	33.60	8.68	8.04	3.5	3.465	102.8	8.3	2.0
393	6/7/2015 17:31:11	13.73	51.21	33.61	8.73	8.04	3.9	3.462	103.7	5.9	1.4
394	6/7/2015 17:46:11	13.75	51.27	33.65	8.59	8.04	4.2	3.443	102.1	4.7	1.1
395	6/7/2015 18:01:11	13.71	51.29	33.67	8.75	8.04	5.0	3.411	103.9	4.5	1.0
396	6/7/2015 18:16:11	13.94	51.26	33.65	8.62	8.03	7.5	3.345	102.9	4.4	1.0
397	6/7/2015 18:31:11	14.55	51.22	33.65	8.54	8.04	7.8	3.265	103.2	5.9	1.4
398	6/7/2015 18:46:11	14.42	51.30	33.70	8.65	8.04	7.1	3.205	104.3	4.6	1.1
399	6/7/2015 19:01:11	14.81	51.32	33.72	8.76	8.05	6.9	3.121	106.4	5.4	1.3
400	6/7/2015 19:16:11	16.44	51.30	33.74	8.85	8.08	7.8	3.027	111.1	3.8	0.9
401	6/7/2015 19:31:10	16.56	51.20	33.67	8.62	8.06	7.9	2.955	108.4	3.9	0.9
402	6/7/2015 19:46:11	16.66	51.33	33.77	8.49	8.05	7.0	2.877	107.0	4.1	1.0
403	6/7/2015 20:01:11	16.77	51.37	33.80	8.68	8.06	8.6	2.795	109.6	4.4	1.0
404	6/7/2015 20:16:11	17.06	51.35	33.79	8.63	8.06	7.0	2.729	109.6	4.0	0.9
405	6/7/2015 20:31:11	17.33	51.39	33.82	8.43	8.06	7.8	2.667	107.6	3.9	0.9
406	6/7/2015 20:46:10	17.58	51.33	33.78	8.48	8.06	7.9	2.599	108.8	4.0	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
407	6/7/2015 21:01:11	17.70	51.37	33.81	8.37	8.05	8.4	2.532	107.6	3.8	0.9
408	6/7/2015 21:16:11	17.81	51.50	33.91	8.18	8.04	8.5	2.487	105.4	3.7	0.9
409	6/7/2015 21:31:11	18.09	51.42	33.85	8.15	8.04	7.6	2.433	105.6	4.7	1.1
410	6/7/2015 21:46:11	18.29	51.31	33.77	8.01	8.04	7.5	2.385	104.1	4.5	1.1
411	6/7/2015 22:01:10	18.26	51.37	33.81	7.90	8.04	7.2	2.353	102.7	5.1	1.2
412	6/7/2015 22:16:11	18.46	51.40	33.84	7.70	8.03	6.9	2.325	100.5	5.7	1.3
413	6/7/2015 22:31:11	18.53	51.48	33.89	7.44	8.01	7.3	2.306	97.3	4.8	1.1
414	6/7/2015 22:46:10	18.57	51.49	33.90	6.88	7.98	5.5	2.296	90.0	4.8	1.1
415	6/7/2015 23:01:10	18.53	51.42	33.85	7.73	8.04	7.2	2.313	101.0	6.1	1.4
416	6/7/2015 23:16:10	18.39	51.38	33.82	7.94	8.03	7.4	2.329	103.5	4.7	1.1
417	6/7/2015 23:31:10	18.22	51.33	33.79	8.05	8.03	7.5	2.362	104.5	4.1	1.0
418	6/7/2015 23:46:10	18.16	51.44	33.86	8.08	8.03	7.9	2.412	104.8	4.3	1.0
419	6/8/2015 00:01:11	17.99	51.44	33.86	8.07	8.03	7.5	2.468	104.3	4.2	1.0
420	6/8/2015 00:16:10	17.92	51.39	33.82	8.04	8.02	7.8	2.527	103.9	3.6	0.8
421	6/8/2015 00:31:11	17.73	51.42	33.85	8.07	8.02	6.8	2.590	103.8	4.2	1.0
422	6/8/2015 00:46:11	17.48	51.31	33.77	8.10	8.02	7.0	2.666	103.8	4.0	0.9
423	6/8/2015 01:01:11	17.10	51.27	33.73	8.15	8.02	6.8	2.726	103.6	3.8	0.9
424	6/8/2015 01:16:11	16.46	51.28	33.73	8.18	8.01	6.7	2.803	102.6	3.6	0.9
425	6/8/2015 01:31:11	16.16	51.09	33.59	8.16	8.01	6.4	2.866	101.7	3.7	0.9
426	6/8/2015 01:46:11	15.87	51.30	33.74	8.14	8.01	6.1	2.938	101.0	4.0	0.9
427	6/8/2015 02:01:11	15.67	51.25	33.70	8.17	8.01	6.1	3.016	100.9	3.3	0.8
428	6/8/2015 02:16:11	15.53	51.24	33.68	8.19	8.01	5.9	3.075	101.0	3.8	0.9
429	6/8/2015 02:31:11	15.29	51.31	33.73	8.23	8.01	5.7	3.147	101.0	4.6	1.1
430	6/8/2015 02:46:11	14.96	51.25	33.67	8.35	8.02	5.6	3.214	101.7	4.4	1.0
431	6/8/2015 03:01:11	14.74	51.23	33.65	8.44	8.03	5.2	3.276	102.4	4.5	1.0
432	6/8/2015 03:16:11	14.57	51.20	33.63	8.51	8.03	5.6	3.326	102.8	5.0	1.2
433	6/8/2015 03:31:11	14.30	51.18	33.61	8.67	8.04	5.8	3.377	104.2	4.6	1.1
434	6/8/2015 03:46:11	14.11	51.26	33.66	8.72	8.05	4.2	3.427	104.4	6.4	1.5
435	6/8/2015 04:01:11	13.91	51.23	33.63	8.78	8.05	3.9	3.463	104.7	6.3	1.5
436	6/8/2015 04:16:11	13.83	51.24	33.63	8.77	8.05	3.0	3.476	104.4	5.1	1.2
437	6/8/2015 04:31:11	13.84	51.17	33.59	8.31	8.02	3.6	3.491	98.9	4.2	1.0
438	6/8/2015 04:46:11	13.79	51.21	33.61	8.55	8.03	3.4	3.496	101.7	4.1	1.0
439	6/8/2015 05:01:11	13.81	51.24	33.64	8.64	8.04	4.2	3.458	102.8	4.9	1.2
440	6/8/2015 05:16:11	14.03	51.22	33.63	8.34	8.04	3.4	3.413	99.7	4.1	1.0
441	6/8/2015 05:31:11	14.79	51.25	33.67	8.00	8.02	6.9	3.371	97.2	4.8	1.1
442	6/8/2015 05:46:11	14.88	51.22	33.65	8.06	8.01	8.3	3.295	98.0	3.9	0.9
443	6/8/2015 06:01:11	14.80	51.21	33.64	8.18	8.01	8.1	3.203	99.3	3.8	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
444	6/8/2015 06:16:11	15.02	51.25	33.68	7.90	8.00	7.8	3.127	96.3	3.1	0.7
445	6/8/2015 06:31:11	15.61	51.30	33.73	7.76	8.00	8.9	3.038	95.8	3.4	0.8
446	6/8/2015 06:46:11	15.76	51.35	33.77	7.66	7.99	8.3	2.939	94.9	3.4	0.8
447	6/8/2015 07:01:11	15.99	51.35	33.77	7.53	7.99	8.4	2.843	93.6	3.5	0.8
448	6/8/2015 07:16:11	16.36	51.30	33.74	7.15	7.96	8.9	2.749	89.6	3.2	0.8
449	6/8/2015 07:31:11	16.78	51.42	33.84	6.80	7.94	9.1	2.647	85.9	2.8	0.7
450	6/8/2015 07:46:10	16.85	51.36	33.80	6.76	7.93	10.3	2.545	85.5	2.7	0.6
451	6/8/2015 08:01:10	16.96	51.39	33.82	6.72	7.93	9.7	2.430	85.2	2.6	0.6
452	6/8/2015 08:16:11	17.19	51.34	33.78	6.90	7.95	10.4	2.326	87.8	3.5	0.8
453	6/8/2015 08:31:11	17.08	51.41	33.83	7.02	7.95	9.9	2.216	89.2	3.4	0.8
454	6/8/2015 08:46:11	16.99	51.39	33.82	7.17	7.96	9.8	2.089	91.0	3.0	0.7
455	6/8/2015 09:01:11	16.99	51.46	33.87	7.29	7.97	10.0	1.981	92.5	3.3	0.8
456	6/8/2015 09:16:10	17.34	51.44	33.86	7.22	7.97	9.4	1.856	92.3	2.9	0.7
457	6/8/2015 09:31:10	17.56	51.45	33.87	7.24	7.97	9.5	1.759	92.9	3.5	0.8
458	6/8/2015 09:46:10	17.67	51.43	33.85	7.30	7.98	7.5	1.667	93.9	3.1	0.7
459	6/8/2015 10:01:11	17.84	51.41	33.84	7.20	7.97	7.6	1.564	92.8	3.4	0.8
460	6/8/2015 10:16:11	17.96	51.46	33.88	7.09	7.97	5.7	1.501	91.6	3.5	0.8
461	6/8/2015 10:31:11	18.11	51.39	33.83	7.21	7.98	7.2	1.463	93.4	2.5	0.6
462	6/8/2015 10:46:10	18.32	51.45	33.87	7.25	7.98	5.9	1.424	94.4	2.9	0.7
463	6/8/2015 11:01:11	18.14	51.62	34.00	7.57	8.00	6.4	1.422	98.3	2.6	0.6
464	6/8/2015 11:16:11	18.66	51.49	33.91	7.26	7.99	5.7	1.448	95.1	3.5	0.8
465	6/8/2015 11:31:10	18.58	51.58	33.97	7.37	7.99	6.8	1.500	96.5	3.6	0.8
466	6/8/2015 11:46:11	18.80	51.43	33.86	7.07	7.98	6.9	1.540	92.9	4.2	1.0
467	6/8/2015 12:01:10	18.67	51.54	33.94	7.03	7.97	7.0	1.616	92.1	4.7	1.1
468	6/8/2015 12:16:10	18.91	51.44	33.87	7.07	7.97	8.2	1.700	93.1	4.0	0.9
469	6/8/2015 12:31:10	18.82	51.33	33.79	6.86	7.95	9.3	1.772	90.1	4.0	0.9
470	6/8/2015 12:46:10	18.56	51.40	33.84	6.90	7.95	8.0	1.843	90.2	4.0	0.9
471	6/8/2015 13:01:11	18.39	51.43	33.86	7.03	7.96	7.0	1.933	91.7	3.5	0.8
472	6/8/2015 13:16:10	18.23	51.38	33.82	7.08	7.96	6.8	2.026	92.0	3.8	0.9
473	6/8/2015 13:31:10	18.18	51.43	33.85	7.02	7.96	7.0	2.105	91.2	4.1	1.0
474	6/8/2015 13:46:11	17.98	51.34	33.79	6.99	7.95	7.1	2.194	90.4	3.3	0.8
475	6/8/2015 14:01:10	17.66	51.40	33.83	7.15	7.96	6.7	2.294	91.8	3.4	0.8
476	6/8/2015 14:16:10	17.45	51.37	33.81	7.29	7.96	7.3	2.393	93.3	3.1	0.7
477	6/8/2015 14:31:10	17.34	51.35	33.79	7.33	7.96	7.0	2.478	93.6	3.7	0.9
478	6/8/2015 14:46:10	17.31	51.33	33.78	7.38	7.96	8.3	2.573	94.1	3.4	0.8
479	6/8/2015 15:01:11	17.27	51.32	33.77	7.50	7.97	8.1	2.666	95.6	3.3	0.8
480	6/8/2015 15:16:11	17.01	51.23	33.70	7.58	7.97	9.5	2.753	96.1	4.0	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
481	6/8/2015 15:31:11	16.70	51.32	33.76	7.68	7.98	11.3	2.845	96.8	3.5	0.8
482	6/8/2015 15:46:11	16.42	51.26	33.71	8.01	8.00	11.9	2.929	100.4	4.3	1.0
483	6/8/2015 16:01:11	16.01	51.24	33.70	8.24	8.01	11.9	3.026	102.6	5.3	1.3
484	6/8/2015 16:16:11	15.54	51.17	33.63	8.51	8.02	10.7	3.104	104.9	5.5	1.3
485	6/8/2015 16:31:11	15.09	51.20	33.65	8.81	8.04	10.8	3.190	107.6	5.8	1.4
486	6/8/2015 16:46:11	14.74	51.15	33.60	9.22	8.07	11.0	3.275	111.8	7.5	1.8
487	6/8/2015 17:01:11	14.54	51.20	33.63	9.58	8.09	10.0	3.352	115.6	7.8	1.8
488	6/8/2015 17:16:11	14.44	51.16	33.60	9.73	8.10	9.2	3.419	117.3	9.2	2.2
489	6/8/2015 17:31:11	14.32	51.04	33.51	9.82	8.11	8.4	3.469	118.0	9.0	2.1
490	6/8/2015 17:46:11	14.19	51.12	33.56	9.89	8.12	5.4	3.518	118.5	9.1	2.2
491	6/8/2015 18:01:11	14.10	51.23	33.64	9.96	8.12	4.5	3.547	119.2	8.4	2.0
492	6/8/2015 18:16:11	14.35	50.97	33.45	9.70	8.10	6.4	3.555	116.6	8.4	2.0
493	6/8/2015 18:31:10	14.26	51.10	33.55	9.61	8.10	3.9	3.541	115.4	5.0	1.2
494	6/8/2015 18:46:10	14.19	51.11	33.55	9.83	8.12	5.3	3.509	117.8	6.3	1.5
495	6/8/2015 19:01:11	14.33	51.18	33.61	9.67	8.11	6.8	3.464	116.3	5.5	1.3
496	6/8/2015 19:16:11	14.68	51.15	33.60	9.42	8.09	6.8	3.398	114.1	6.6	1.5
497	6/8/2015 19:31:11	15.24	51.16	33.62	9.41	8.10	7.5	3.312	115.2	7.0	1.6
498	6/8/2015 19:46:10	14.93	51.23	33.66	9.59	8.11	7.9	3.236	116.7	7.4	1.7
499	6/8/2015 20:01:11	16.27	51.18	33.65	9.14	8.10	9.0	3.146	114.2	4.4	1.0
500	6/8/2015 20:16:11	16.80	51.20	33.68	8.87	8.08	8.4	3.065	112.1	5.0	1.2
501	6/8/2015 20:31:11	16.71	51.31	33.76	8.66	8.06	8.8	2.979	109.2	4.4	1.0
502	6/8/2015 20:46:10	16.67	51.16	33.64	8.60	8.05	9.3	2.896	108.3	5.8	1.4
503	6/8/2015 21:01:10	16.73	51.32	33.77	8.61	8.05	8.1	2.815	108.6	4.3	1.0
504	6/8/2015 21:16:11	17.25	51.33	33.77	8.51	8.06	8.9	2.739	108.5	4.4	1.0
505	6/8/2015 21:31:10	17.73	51.27	33.74	8.23	8.04	8.6	2.677	105.9	3.7	0.9
506	6/8/2015 21:46:11	17.94	51.34	33.79	8.05	8.03	10.0	2.599	104.0	3.8	0.9
507	6/8/2015 22:01:11	17.99	51.26	33.73	7.89	8.02	9.9	2.537	102.0	4.3	1.0
508	6/8/2015 22:16:10	17.87	51.29	33.75	7.85	8.01	10.0	2.472	101.2	3.8	0.9
509	6/8/2015 22:31:11	18.29	51.36	33.81	7.73	8.01	8.8	2.413	100.5	4.4	1.0
510	6/8/2015 22:46:11	18.50	51.30	33.76	7.68	8.01	8.5	2.358	100.2	4.8	1.1
511	6/8/2015 23:01:11	18.72	51.37	33.82	7.67	8.01	8.4	2.302	100.5	4.5	1.0
512	6/8/2015 23:16:10	18.93	51.46	33.88	7.60	8.01	7.9	2.269	100.0	4.4	1.0
513	6/8/2015 23:31:10	18.87	51.43	33.86	7.55	8.01	8.5	2.236	99.3	4.5	1.1
514	6/8/2015 23:46:10	18.99	51.35	33.80	7.54	8.01	7.9	2.204	99.3	5.0	1.2
515	6/9/2015 00:01:10	19.05	51.48	33.90	7.18	8.00	6.0	2.214	94.7	4.4	1.0
516	6/9/2015 00:16:10	18.90	51.45	33.88	7.50	8.01	7.6	2.218	98.7	4.3	1.0
517	6/9/2015 00:31:10	18.84	51.40	33.84	7.55	8.00	8.1	2.233	99.3	4.4	1.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
518	6/9/2015 00:46:11	18.68	51.44	33.87	7.58	8.00	7.7	2.276	99.4	4.6	1.1
519	6/9/2015 01:01:11	18.68	51.31	33.77	7.55	8.00	8.1	2.338	98.9	4.1	1.0
520	6/9/2015 01:16:10	18.53	51.41	33.84	7.59	8.00	7.5	2.394	99.2	4.0	0.9
521	6/9/2015 01:31:10	18.56	51.39	33.83	7.52	7.99	7.5	2.453	98.3	3.8	0.9
522	6/9/2015 01:46:10	18.32	51.33	33.78	7.64	7.99	7.2	2.529	99.4	3.9	0.9
523	6/9/2015 02:01:10	18.09	51.33	33.78	7.74	8.00	7.6	2.599	100.2	4.0	0.9
524	6/9/2015 02:16:10	17.80	51.34	33.79	7.81	8.00	7.1	2.661	100.6	3.7	0.9
525	6/9/2015 02:31:10	17.14	51.25	33.72	8.00	8.00	6.4	2.729	101.7	4.1	1.0
526	6/9/2015 02:46:10	16.74	51.27	33.73	8.06	8.00	5.7	2.792	101.7	4.0	0.9
527	6/9/2015 03:01:11	16.56	51.26	33.71	8.06	8.00	5.9	2.858	101.4	3.8	0.9
528	6/9/2015 03:16:10	16.35	51.27	33.72	8.13	8.01	5.9	2.920	101.8	4.3	1.0
529	6/9/2015 03:31:11	16.17	51.22	33.68	8.23	8.02	5.4	2.986	102.7	4.1	1.0
530	6/9/2015 03:46:11	16.05	51.23	33.68	8.26	8.02	5.7	3.047	102.8	3.8	0.9
531	6/9/2015 04:01:11	15.80	51.22	33.68	8.38	8.03	5.6	3.112	103.7	3.7	0.9
532	6/9/2015 04:16:11	15.58	51.27	33.70	8.49	8.03	5.2	3.172	104.7	5.0	1.2
533	6/9/2015 04:31:11	15.44	51.26	33.70	8.55	8.04	5.0	3.222	105.2	4.6	1.1
534	6/9/2015 04:46:11	15.31	51.24	33.68	8.60	8.04	4.3	3.265	105.6	4.7	1.1
535	6/9/2015 05:01:11	15.21	51.23	33.67	8.67	8.05	4.2	3.307	106.1	4.6	1.1
536	6/9/2015 05:16:11	15.08	51.20	33.64	8.71	8.05	3.8	3.335	106.3	5.2	1.2
537	6/9/2015 05:31:11	14.95	51.17	33.62	8.62	8.05	2.9	3.344	105.0	3.3	0.8
538	6/9/2015 05:46:11	15.14	51.19	33.64	8.37	8.04	3.9	3.357	102.3	5.8	1.4
539	6/9/2015 06:01:11	15.03	51.16	33.61	8.43	8.04	3.6	3.352	102.8	3.1	0.7
540	6/9/2015 06:16:11	15.08	51.17	33.62	8.49	8.04	3.7	3.302	103.7	3.2	0.7
541	6/9/2015 06:31:11	15.35	51.13	33.60	8.27	8.03	5.9	3.269	101.5	2.6	0.6
542	6/9/2015 06:46:11	15.62	51.21	33.66	8.05	8.02	6.1	3.220	99.4	3.1	0.7
543	6/9/2015 07:01:11	15.67	51.20	33.65	8.11	8.02	8.5	3.129	100.2	4.4	1.0
544	6/9/2015 07:16:11	15.61	51.20	33.65	8.26	8.02	7.6	3.058	101.9	4.7	1.1
545	6/9/2015 07:31:10	16.04	51.20	33.67	7.96	8.01	6.8	2.981	99.1	3.6	0.8
546	6/9/2015 07:46:11	16.46	51.31	33.75	7.62	7.99	7.9	2.892	95.7	3.0	0.7
547	6/9/2015 08:01:11	16.62	51.32	33.76	7.47	7.98	9.0	2.793	94.1	3.0	0.7
548	6/9/2015 08:16:11	16.89	51.25	33.72	7.19	7.96	8.2	2.723	90.9	2.6	0.6
549	6/9/2015 08:31:11	17.18	51.33	33.78	6.96	7.95	8.3	2.631	88.6	2.9	0.7
550	6/9/2015 08:46:11	17.49	51.36	33.80	6.71	7.93	8.6	2.521	86.0	2.9	0.7
551	6/9/2015 09:01:10	17.60	51.37	33.81	6.73	7.93	9.8	2.434	86.4	2.6	0.6
552	6/9/2015 09:16:10	17.82	51.36	33.80	6.76	7.93	10.0	2.334	87.1	2.7	0.6
553	6/9/2015 09:31:10	17.90	51.25	33.72	7.07	7.95	8.8	2.227	91.2	3.3	0.8
554	6/9/2015 09:46:11	18.02	51.34	33.79	7.34	7.97	9.4	2.133	94.9	3.3	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
555	6/9/2015 10:01:10	18.07	51.36	33.81	7.33	7.97	7.0	2.030	95.0	3.5	0.8
556	6/9/2015 10:16:11	18.51	51.39	33.83	7.41	7.98	8.3	1.947	96.8	3.2	0.7
557	6/9/2015 10:31:11	18.52	51.33	33.79	7.65	7.99	6.5	1.840	99.9	2.4	0.6
558	6/9/2015 10:46:11	18.55	51.39	33.83	7.64	8.02	6.0	1.768	99.9	3.0	0.7
559	6/9/2015 11:01:11	18.69	51.48	33.90	7.45	8.00	5.3	1.717	97.7	2.6	0.6
560	6/9/2015 11:16:11	18.84	51.36	33.81	7.61	8.00	6.1	1.642	100.0	3.4	0.8
561	6/9/2015 11:31:10	19.06	51.28	33.75	7.80	8.02	5.6	1.606	102.9	2.9	0.7
562	6/9/2015 11:46:11	19.24	51.50	33.91	7.15	7.99	4.7	1.599	94.7	2.4	0.6
563	6/9/2015 12:01:10	18.95	51.31	33.77	8.63	8.05	6.1	1.618	113.6	3.0	0.7
564	6/9/2015 12:16:11	19.30	51.44	33.87	7.74	8.01	5.9	1.605	102.6	3.2	0.7
565	6/9/2015 12:31:10	19.45	51.41	33.84	7.61	8.01	5.6	1.654	101.2	3.5	0.8
566	6/9/2015 12:46:10	19.30	51.51	33.92	7.48	7.99	7.2	1.727	99.2	3.8	0.9
567	6/9/2015 13:01:11	19.28	51.48	33.90	7.48	7.99	7.5	1.791	99.2	3.6	0.9
568	6/9/2015 13:16:10	19.47	51.38	33.82	7.30	7.97	8.1	1.855	97.0	4.0	0.9
569	6/9/2015 13:31:10	19.61	51.28	33.75	7.06	7.96	8.3	1.936	94.1	4.1	1.0
570	6/9/2015 13:46:11	19.34	51.44	33.87	7.19	7.97	6.8	2.016	95.4	4.3	1.0
571	6/9/2015 14:01:10	19.19	51.38	33.82	7.24	7.97	6.5	2.116	95.7	3.5	0.8
572	6/9/2015 14:16:11	19.11	51.44	33.87	7.24	7.96	6.5	2.183	95.6	3.9	0.9
573	6/9/2015 14:31:11	19.00	51.42	33.85	7.15	7.96	6.8	2.265	94.2	3.6	0.8
574	6/9/2015 14:46:11	18.45	51.31	33.77	7.24	7.96	7.0	2.370	94.4	3.4	0.8
575	6/9/2015 15:01:11	18.04	51.31	33.77	7.43	7.96	7.3	2.458	96.1	3.8	0.9
576	6/9/2015 15:16:10	17.92	51.34	33.79	7.45	7.96	6.8	2.543	96.2	4.0	0.9
577	6/9/2015 15:31:11	17.79	51.37	33.81	7.53	7.97	7.4	2.622	97.0	4.0	0.9
578	6/9/2015 15:46:10	17.54	51.17	33.66	7.63	7.97	7.8	2.715	97.7	4.0	0.9
579	6/9/2015 16:01:11	17.32	51.25	33.72	7.81	7.98	8.9	2.799	99.6	3.9	0.9
580	6/9/2015 16:16:11	17.10	51.28	33.74	7.88	7.99	8.4	2.879	100.1	4.0	0.9
581	6/9/2015 16:31:11	16.79	51.12	33.62	8.16	8.01	10.0	2.965	103.0	4.6	1.1
582	6/9/2015 16:46:10	16.39	51.10	33.60	8.52	8.03	9.9	3.054	106.7	4.6	1.1
583	6/9/2015 17:01:10	16.03	51.18	33.65	8.76	8.05	9.9	3.155	109.0	5.9	1.4
584	6/9/2015 17:16:11	15.46	51.21	33.66	9.23	8.07	9.0	3.226	113.5	7.6	1.8
585	6/9/2015 17:31:11	14.98	51.18	33.63	9.67	8.10	9.4	3.322	117.8	8.8	2.1
586	6/9/2015 17:46:12	14.66	51.10	33.56	10.06	8.13	9.5	3.405	121.8	10.6	2.5
587	6/9/2015 18:01:11	14.60	51.20	33.63	10.18	8.14	7.2	3.459	123.1	10.2	2.4
588	6/9/2015 18:16:11	14.46	51.16	33.59	10.35	8.15	5.9	3.546	124.7	10.1	2.4
589	6/9/2015 18:31:11	14.31	51.07	33.53	10.33	8.16	5.3	3.580	124.1	10.0	2.3
590	6/9/2015 18:46:11	14.22	51.18	33.61	10.23	8.16	3.4	3.615	122.7	9.8	2.3
591	6/9/2015 19:01:11	14.20	51.09	33.54	9.89	8.14	3.7	3.633	118.5	9.5	2.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
592	6/9/2015 19:16:10	14.30	51.08	33.54	9.97	8.14	4.0	3.642	119.7	7.4	1.7
593	6/9/2015 19:31:11	14.28	51.16	33.59	9.79	8.15	2.8	3.617	117.6	5.5	1.3
594	6/9/2015 19:46:11	14.33	51.06	33.52	9.96	8.15	5.8	3.566	119.7	8.0	1.9
595	6/9/2015 20:01:11	14.59	51.05	33.52	9.84	8.14	4.9	3.524	118.8	6.2	1.5
596	6/9/2015 20:16:11	15.25	51.18	33.64	9.35	8.12	6.1	3.458	114.5	6.8	1.6
597	6/9/2015 20:31:11	15.02	51.18	33.62	9.35	8.12	7.1	3.377	114.0	8.7	2.0
598	6/9/2015 20:46:11	15.13	51.10	33.57	9.25	8.11	8.0	3.292	113.0	8.5	2.0
599	6/9/2015 21:01:11	15.32	51.23	33.67	9.03	8.10	8.3	3.198	110.8	8.1	1.9
600	6/9/2015 21:16:10	16.56	51.25	33.71	8.50	8.07	8.1	3.113	106.9	5.0	1.2
601	6/9/2015 21:31:10	16.93	51.17	33.65	8.48	8.09	8.0	3.026	107.3	5.0	1.2
602	6/9/2015 21:46:10	17.06	51.23	33.70	8.51	8.08	8.5	2.943	108.0	4.7	1.1
603	6/9/2015 22:01:11	17.13	51.27	33.73	8.47	8.08	7.5	2.851	107.7	5.2	1.2
604	6/9/2015 22:16:11	17.54	51.25	33.72	8.03	8.04	8.2	2.779	102.9	4.9	1.1
605	6/9/2015 22:31:10	17.76	51.30	33.76	7.87	8.03	8.1	2.690	101.3	4.5	1.1
606	6/9/2015 22:46:11	18.00	51.32	33.77	7.64	8.01	10.0	2.595	98.8	3.9	0.9
607	6/9/2015 23:01:10	18.16	51.32	33.78	7.59	8.01	9.6	2.532	98.5	3.7	0.9
608	6/9/2015 23:16:10	18.52	51.32	33.78	7.56	8.02	9.5	2.456	98.7	4.5	1.1
609	6/9/2015 23:31:10	18.42	51.47	33.89	7.66	8.02	10.4	2.372	99.9	4.4	1.0
610	6/9/2015 23:46:11	18.91	51.48	33.90	7.67	8.03	9.0	2.296	100.9	4.3	1.0
611	6/10/2015 00:01:11	18.74	51.39	33.83	7.65	8.02	8.7	2.241	100.3	5.1	1.2
612	6/10/2015 00:16:10	19.35	51.38	33.82	7.57	8.03	8.3	2.199	100.5	5.3	1.2
613	6/10/2015 00:31:10	19.35	51.44	33.87	7.51	8.03	8.1	2.119	99.6	4.4	1.0
614	6/10/2015 00:46:10	19.30	51.45	33.87	7.33	8.02	7.9	2.095	97.2	4.9	1.1
615	6/10/2015 01:01:11	19.54	51.56	33.96	7.22	8.02	7.0	2.077	96.3	5.1	1.2
616	6/10/2015 01:16:11	19.65	51.51	33.92	7.23	8.02	6.7	2.063	96.5	4.9	1.2
617	6/10/2015 01:31:11	19.73	51.44	33.86	7.25	8.02	6.8	2.076	96.8	4.9	1.2
618	6/10/2015 01:46:10	19.55	51.46	33.88	7.39	8.02	7.8	2.101	98.4	4.6	1.1
619	6/10/2015 02:01:11	19.38	51.53	33.94	7.41	8.02	8.3	2.152	98.5	4.4	1.0
620	6/10/2015 02:16:10	19.26	51.45	33.87	7.53	8.02	7.0	2.193	99.7	4.8	1.1
621	6/10/2015 02:31:11	19.14	51.50	33.91	7.47	8.01	7.5	2.257	98.7	4.0	0.9
622	6/10/2015 02:46:10	19.03	51.36	33.81	7.48	8.01	7.0	2.332	98.7	4.5	1.0
623	6/10/2015 03:01:10	18.88	51.43	33.86	7.49	8.00	6.8	2.390	98.6	3.9	0.9
624	6/10/2015 03:16:11	18.63	51.31	33.77	7.47	8.00	7.3	2.474	97.8	4.7	1.1
625	6/10/2015 03:31:11	18.47	51.37	33.81	7.48	8.00	6.8	2.542	97.6	4.1	1.0
626	6/10/2015 03:46:10	18.18	51.33	33.78	7.54	7.99	6.7	2.601	97.9	3.4	0.8
627	6/10/2015 04:01:10	17.84	51.31	33.77	7.63	7.99	6.2	2.670	98.4	4.0	0.9
628	6/10/2015 04:16:10	17.45	51.21	33.69	7.73	7.99	6.5	2.733	98.8	4.1	1.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
629	6/10/2015 04:31:10	17.25	51.27	33.73	7.75	7.99	5.4	2.789	98.8	4.3	1.0
630	6/10/2015 04:46:10	17.07	51.23	33.70	7.81	8.00	5.3	2.854	99.2	4.4	1.0
631	6/10/2015 05:01:10	16.92	51.18	33.67	7.88	8.00	5.4	2.916	99.7	4.6	1.1
632	6/10/2015 05:16:11	16.79	51.21	33.69	7.90	8.00	5.3	2.969	99.8	4.4	1.0
633	6/10/2015 05:31:11	16.51	51.17	33.65	8.02	8.01	5.5	3.035	100.7	4.7	1.1
634	6/10/2015 05:46:11	16.30	51.26	33.71	8.13	8.02	5.4	3.087	101.7	4.6	1.1
635	6/10/2015 06:01:11	16.17	51.19	33.66	8.17	8.03	4.8	3.137	102.0	3.9	0.9
636	6/10/2015 06:16:11	15.99	51.22	33.68	8.27	8.03	4.1	3.186	102.8	4.4	1.0
637	6/10/2015 06:31:11	15.94	51.17	33.64	8.28	8.03	3.6	3.212	102.8	5.0	1.2
638	6/10/2015 06:46:11	15.88	51.19	33.65	8.14	8.04	3.1	3.234	101.0	4.3	1.0
639	6/10/2015 07:01:11	15.83	51.19	33.65	7.43	8.00	2.5	3.248	92.1	3.0	0.7
640	6/10/2015 07:16:11	15.75	51.17	33.63	8.10	8.03	3.7	3.227	100.2	2.8	0.6
641	6/10/2015 07:31:11	15.92	51.21	33.67	7.92	8.02	3.4	3.209	98.4	3.3	0.8
642	6/10/2015 07:46:11	16.00	51.18	33.65	7.83	8.02	4.2	3.180	97.3	3.1	0.7
643	6/10/2015 08:01:11	16.16	51.18	33.65	7.85	8.01	4.8	3.114	98.0	2.7	0.6
644	6/10/2015 08:16:11	16.37	51.24	33.70	7.74	8.01	6.1	3.052	97.0	3.3	0.8
645	6/10/2015 08:31:11	16.42	51.23	33.69	7.82	8.01	6.7	2.986	98.0	2.9	0.7
646	6/10/2015 08:46:11	16.54	51.22	33.69	7.81	8.01	6.1	2.902	98.2	3.9	0.9
647	6/10/2015 09:01:10	16.96	51.17	33.65	7.44	7.98	7.3	2.830	94.2	3.1	0.7
648	6/10/2015 09:16:11	17.16	51.19	33.67	7.12	7.96	7.2	2.741	90.6	3.1	0.7
649	6/10/2015 09:31:10	17.37	51.26	33.73	6.84	7.94	6.8	2.654	87.4	3.3	0.8
650	6/10/2015 09:46:11	17.47	51.38	33.81	6.60	7.92	8.7	2.577	84.5	2.6	0.6
651	6/10/2015 10:01:11	17.75	51.25	33.73	6.34	7.90	6.9	2.491	81.6	3.6	0.8
652	6/10/2015 10:16:11	17.74	51.29	33.75	6.47	7.90	9.1	2.405	83.2	2.7	0.6
653	6/10/2015 10:31:10	17.63	51.35	33.79	6.69	7.93	9.7	2.314	85.9	3.5	0.8
654	6/10/2015 10:46:11	17.67	51.44	33.86	6.97	7.94	9.2	2.229	89.6	3.2	0.8
655	6/10/2015 11:01:11	17.74	51.28	33.74	7.37	7.97	8.9	2.142	94.8	3.4	0.8
656	6/10/2015 11:16:11	18.05	51.39	33.83	7.21	7.96	7.9	2.057	93.4	3.9	0.9
657	6/10/2015 11:31:11	17.91	51.23	33.71	7.64	8.00	8.7	1.970	98.5	3.2	0.8
658	6/10/2015 11:46:10	18.09	51.22	33.70	7.73	8.01	7.6	1.911	100.1	3.6	0.8
659	6/10/2015 12:01:11	18.17	51.37	33.81	7.68	8.01	7.3	1.856	99.7	3.7	0.9
660	6/10/2015 12:16:11	18.25	51.40	33.83	7.77	8.03	6.8	1.782	101.0	3.3	0.8
661	6/10/2015 12:31:11	18.45	51.44	33.86	7.56	8.02	6.3	1.760	98.6	3.6	0.8
662	6/10/2015 12:46:10	18.67	51.46	33.88	7.24	8.00	6.3	1.766	94.9	3.5	0.8
663	6/10/2015 13:01:10	18.81	51.49	33.90	7.20	7.99	5.4	1.738	94.5	3.2	0.7
664	6/10/2015 13:16:11	19.08	51.46	33.88	7.03	7.99	5.6	1.757	92.8	4.1	1.0
665	6/10/2015 13:31:10	19.21	51.44	33.87	7.10	7.99	6.4	1.811	94.0	5.0	1.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
666	6/10/2015 13:46:11	19.13	51.49	33.90	7.01	7.98	7.2	1.861	92.7	4.4	1.0
667	6/10/2015 14:01:10	19.17	51.50	33.92	6.97	7.98	6.7	1.911	92.3	4.5	1.1
668	6/10/2015 14:16:10	19.14	51.41	33.85	7.01	7.97	6.8	1.983	92.6	4.7	1.1
669	6/10/2015 14:31:11	19.19	51.33	33.79	6.95	7.97	7.3	2.072	91.9	4.4	1.0
670	6/10/2015 14:46:10	19.06	51.47	33.89	7.00	7.97	7.0	2.141	92.4	4.2	1.0
671	6/10/2015 15:01:11	18.82	51.38	33.82	7.10	7.96	6.8	2.224	93.3	4.2	1.0
672	6/10/2015 15:16:10	18.70	51.44	33.87	7.10	7.96	6.8	2.311	93.0	4.1	1.0
673	6/10/2015 15:31:10	18.67	51.43	33.86	6.99	7.96	6.8	2.391	91.6	4.2	1.0
674	6/10/2015 15:46:11	18.31	51.30	33.76	7.09	7.95	6.7	2.479	92.2	3.9	0.9
675	6/10/2015 16:01:11	17.91	51.38	33.82	7.22	7.96	6.5	2.557	93.3	3.8	0.9
676	6/10/2015 16:16:10	17.71	51.33	33.78	7.34	7.96	6.6	2.643	94.3	3.4	0.8
677	6/10/2015 16:31:11	17.57	51.33	33.78	7.45	7.97	7.1	2.735	95.5	4.5	1.0
678	6/10/2015 16:46:11	17.38	51.33	33.78	7.52	7.98	8.3	2.813	96.1	4.4	1.0
679	6/10/2015 17:01:11	17.09	51.24	33.71	7.73	7.99	9.2	2.894	98.2	3.7	0.9
680	6/10/2015 17:16:10	16.90	51.11	33.61	7.83	8.00	9.0	2.992	99.0	4.1	1.0
681	6/10/2015 17:31:11	16.56	51.22	33.69	8.12	8.02	9.8	3.080	102.0	5.0	1.2
682	6/10/2015 17:46:10	16.08	50.99	33.51	8.60	8.05	10.3	3.170	107.0	5.1	1.2
683	6/10/2015 18:01:11	15.79	51.11	33.60	8.86	8.07	10.9	3.260	109.7	6.9	1.6
684	6/10/2015 18:16:10	15.38	51.12	33.59	9.32	8.10	10.2	3.352	114.4	7.1	1.7
685	6/10/2015 18:31:10	15.08	51.14	33.60	9.64	8.13	9.5	3.438	117.6	7.6	1.8
686	6/10/2015 18:46:11	14.92	51.10	33.56	9.84	8.15	8.3	3.510	119.7	8.2	1.9
687	6/10/2015 19:01:10	14.80	51.07	33.54	10.06	8.16	7.6	3.581	122.1	9.7	2.3
688	6/10/2015 19:16:10	14.70	51.01	33.50	10.18	8.17	6.2	3.638	123.3	8.2	1.9
689	6/10/2015 19:31:11	14.51	51.08	33.54	10.24	8.19	4.8	3.681	123.5	10.2	2.4
690	6/10/2015 19:46:11	14.43	51.14	33.58	10.09	8.18	3.1	3.701	121.6	11.1	2.6
691	6/10/2015 20:01:11	14.46	50.94	33.44	9.72	8.17	4.7	3.715	117.1	6.5	1.5
692	6/10/2015 20:16:11	14.65	51.03	33.51	9.76	8.16	4.4	3.702	118.0	4.0	0.9
693	6/10/2015 20:31:11	14.57	50.98	33.47	9.87	8.17	4.2	3.663	119.1	5.7	1.3
694	6/10/2015 20:46:11	14.91	51.06	33.53	9.52	8.15	7.2	3.606	115.8	6.8	1.6
695	6/10/2015 21:01:11	14.78	51.13	33.59	9.53	8.15	7.8	3.547	115.7	7.1	1.7
696	6/10/2015 21:16:11	14.94	51.17	33.62	9.36	8.14	8.7	3.461	114.0	7.9	1.9
697	6/10/2015 21:31:11	14.78	51.24	33.66	9.45	8.15	7.3	3.363	114.6	8.2	1.9
698	6/10/2015 21:46:11	15.97	51.18	33.65	8.71	8.09	8.3	3.264	108.2	5.9	1.4
699	6/10/2015 22:01:10	16.37	51.25	33.70	8.38	8.07	9.0	3.180	104.9	4.7	1.1
700	6/10/2015 22:16:11	16.40	51.23	33.69	8.42	8.07	7.7	3.089	105.5	4.7	1.1
701	6/10/2015 22:31:11	16.46	51.29	33.74	8.39	8.07	7.9	2.986	105.3	5.1	1.2
702	6/10/2015 22:46:11	16.62	51.29	33.74	8.33	8.06	7.7	2.885	104.9	4.4	1.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
703	6/10/2015 23:01:11	17.14	51.21	33.69	8.16	8.05	8.9	2.812	103.8	4.0	0.9
704	6/10/2015 23:16:10	17.53	51.36	33.80	7.77	8.03	8.4	2.706	99.6	4.2	1.0
705	6/10/2015 23:31:11	17.79	51.46	33.88	7.71	8.02	10.7	2.600	99.4	3.5	0.8
706	6/10/2015 23:46:11	17.57	51.35	33.80	7.42	7.99	10.4	2.517	95.2	4.2	1.0
707	6/11/2015 00:01:11	17.50	51.42	33.85	7.40	7.99	9.5	2.420	94.9	4.5	1.1
708	6/11/2015 00:16:10	17.32	51.35	33.79	7.47	8.00	10.0	2.324	95.3	4.8	1.1
709	6/11/2015 00:31:10	17.44	51.34	33.79	7.52	8.00	10.7	2.231	96.2	4.2	1.0
710	6/11/2015 00:46:10	17.35	51.39	33.82	7.46	8.00	9.9	2.150	95.3	4.4	1.0
711	6/11/2015 01:01:11	17.42	51.42	33.85	7.47	8.00	9.7	2.061	95.6	4.4	1.0
712	6/11/2015 01:16:10	17.66	51.47	33.89	7.35	8.00	10.0	1.981	94.5	4.3	1.0
713	6/11/2015 01:31:11	17.83	51.54	33.93	7.27	7.99	8.7	1.935	93.9	4.7	1.1
714	6/11/2015 01:46:11	18.01	51.54	33.94	7.15	7.99	7.5	1.874	92.5	4.9	1.1
715	6/11/2015 02:01:11	18.17	51.44	33.87	7.01	7.98	6.7	1.837	91.0	4.7	1.1
716	6/11/2015 02:16:10	18.32	51.50	33.91	6.70	7.97	5.8	1.826	87.2	4.5	1.1
717	6/11/2015 02:31:11	18.48	51.54	33.94	6.68	7.98	7.9	1.836	87.3	4.8	1.1
718	6/11/2015 02:46:11	18.52	51.52	33.93	7.18	7.99	6.8	1.863	93.8	5.0	1.2
719	6/11/2015 03:01:11	18.49	51.52	33.93	7.17	7.99	7.0	1.896	93.7	4.9	1.2
720	6/11/2015 03:16:11	18.69	51.62	34.00	7.16	8.00	7.9	1.958	94.0	4.5	1.1
721	6/11/2015 03:31:11	18.61	51.57	33.96	7.16	8.00	7.8	2.017	93.8	5.0	1.2
722	6/11/2015 03:46:11	18.46	51.53	33.93	7.17	7.99	7.0	2.096	93.6	3.8	0.9
723	6/11/2015 04:01:10	18.39	51.52	33.93	7.02	7.98	7.5	2.177	91.5	4.3	1.0
724	6/11/2015 04:16:11	18.19	51.50	33.91	7.04	7.97	6.7	2.249	91.4	4.2	1.0
725	6/11/2015 04:31:11	18.07	51.52	33.93	7.05	7.97	6.8	2.331	91.3	4.2	1.0
726	6/11/2015 04:46:11	18.05	51.45	33.88	7.04	7.97	6.0	2.397	91.2	4.2	1.0
727	6/11/2015 05:01:11	17.80	51.44	33.86	7.16	7.97	6.9	2.471	92.3	4.0	1.0
728	6/11/2015 05:16:11	17.57	51.40	33.83	7.22	7.97	6.6	2.538	92.7	4.2	1.0
729	6/11/2015 05:31:10	17.28	51.31	33.76	7.34	7.98	5.5	2.598	93.6	3.8	0.9
730	6/11/2015 05:46:11	17.19	51.31	33.76	7.36	7.98	5.6	2.666	93.7	3.8	0.9
731	6/11/2015 06:01:11	17.08	51.30	33.75	7.43	7.98	5.4	2.738	94.4	3.4	0.8
732	6/11/2015 06:16:10	16.95	51.23	33.70	7.51	7.99	5.5	2.791	95.1	3.6	0.8
733	6/11/2015 06:31:11	16.79	51.36	33.79	7.57	7.99	5.2	2.851	95.6	3.4	0.8
734	6/11/2015 06:46:11	16.64	51.33	33.77	7.64	8.00	5.4	2.914	96.2	4.0	0.9
735	6/11/2015 07:01:11	16.54	51.23	33.69	7.73	8.01	5.1	2.973	97.1	3.9	0.9
736	6/11/2015 07:16:11	16.43	51.23	33.69	7.75	8.01	5.1	3.017	97.2	3.6	0.8
737	6/11/2015 07:31:11	16.28	51.23	33.69	7.85	8.02	5.1	3.068	98.1	3.3	0.8
738	6/11/2015 07:46:12	16.01	51.18	33.65	7.99	8.03	4.8	3.117	99.3	3.9	0.9
739	6/11/2015 08:01:11	15.95	51.10	33.59	8.01	8.04	3.9	3.127	99.5	5.4	1.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
740	6/11/2015 08:16:11	15.97	51.39	33.80	7.63	8.02	4.0	3.154	94.9	6.5	1.5
741	6/11/2015 08:31:11	16.23	51.25	33.70	7.26	8.00	3.7	3.155	90.7	6.0	1.4
742	6/11/2015 08:46:11	16.02	51.15	33.62	7.63	8.01	3.2	3.152	94.9	2.7	0.6
743	6/11/2015 09:01:11	16.65	51.37	33.80	6.81	7.94	8.9	3.118	85.8	2.9	0.7
744	6/11/2015 09:16:11	16.44	51.38	33.80	7.02	7.96	10.1	3.070	88.1	3.4	0.8
745	6/11/2015 09:31:11	16.58	51.27	33.73	7.37	7.99	5.3	3.023	92.7	3.1	0.7
746	6/11/2015 09:46:11	16.52	51.31	33.75	7.65	8.01	5.6	2.954	96.1	2.7	0.6
747	6/11/2015 10:01:11	16.55	51.28	33.73	7.70	8.01	5.3	2.873	96.9	3.5	0.8
748	6/11/2015 10:16:10	16.77	51.26	33.72	7.50	7.99	5.5	2.800	94.6	3.3	0.8
749	6/11/2015 10:31:11	16.95	51.30	33.75	7.24	7.97	5.9	2.725	91.8	2.2	0.5
750	6/11/2015 10:46:11	17.13	51.36	33.80	6.98	7.95	7.0	2.641	88.7	2.8	0.6
751	6/11/2015 11:01:11	17.30	51.35	33.79	6.94	7.94	6.7	2.557	88.6	2.9	0.7
752	6/11/2015 11:16:11	17.51	51.37	33.81	6.71	7.93	7.9	2.488	86.0	3.1	0.7
753	6/11/2015 11:31:11	17.66	51.48	33.89	6.68	7.92	7.0	2.407	85.8	3.2	0.7
754	6/11/2015 11:46:11	17.75	51.49	33.90	6.57	7.92	6.6	2.320	84.6	3.0	0.7
755	6/11/2015 12:01:10	17.86	51.38	33.82	6.60	7.92	6.8	2.254	85.1	3.3	0.8
756	6/11/2015 12:16:10	18.04	51.47	33.89	6.78	7.94	6.6	2.169	87.8	3.3	0.8
757	6/11/2015 12:31:10	18.08	51.43	33.85	6.86	7.95	5.7	2.101	88.9	3.6	0.8
758	6/11/2015 12:46:10	18.13	51.41	33.84	6.88	7.95	6.5	2.044	89.2	3.2	0.8
759	6/11/2015 13:01:11	18.18	51.46	33.88	6.94	7.96	5.2	1.964	90.1	2.9	0.7
760	6/11/2015 13:16:11	18.24	51.45	33.88	6.97	7.97	5.4	1.922	90.6	3.3	0.8
761	6/11/2015 13:31:10	18.22	51.48	33.90	6.79	7.95	5.4	1.903	88.3	2.4	0.6
762	6/11/2015 13:46:11	18.26	51.37	33.81	6.73	7.96	4.9	1.886	87.5	2.2	0.5
763	6/11/2015 14:01:10	18.27	51.43	33.86	7.41	7.98	8.3	1.889	96.4	4.3	1.0
764	6/11/2015 14:16:10	18.37	51.50	33.91	7.21	7.97	6.4	1.901	94.0	4.6	1.1
765	6/11/2015 14:31:10	18.35	51.50	33.91	7.25	7.97	7.0	1.948	94.5	4.5	1.1
766	6/11/2015 14:46:11	18.46	51.50	33.91	7.13	7.97	6.8	1.993	93.1	4.7	1.1
767	6/11/2015 15:01:10	18.45	51.47	33.89	7.03	7.96	7.3	2.048	91.7	4.7	1.1
768	6/11/2015 15:16:11	18.37	51.51	33.92	7.03	7.96	6.8	2.113	91.6	4.4	1.0
769	6/11/2015 15:31:11	18.36	51.48	33.90	7.05	7.96	6.6	2.196	91.9	4.9	1.1
770	6/11/2015 15:46:11	18.31	51.44	33.87	7.08	7.96	6.8	2.268	92.1	4.4	1.0
771	6/11/2015 16:01:11	18.22	51.39	33.83	7.21	7.96	6.8	2.352	93.6	4.7	1.1
772	6/11/2015 16:16:10	18.13	51.37	33.81	7.31	7.97	6.4	2.432	94.7	4.4	1.0
773	6/11/2015 16:31:11	17.99	51.40	33.83	7.21	7.97	6.7	2.507	93.3	4.1	1.0
774	6/11/2015 16:46:11	17.61	51.43	33.85	7.40	7.97	7.8	2.591	95.0	4.3	1.0
775	6/11/2015 17:01:10	17.39	51.33	33.78	7.52	7.98	6.8	2.667	96.1	4.3	1.0
776	6/11/2015 17:16:11	17.30	51.37	33.81	7.59	7.99	6.6	2.756	96.8	4.1	1.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
777	6/11/2015 17:31:11	17.23	51.33	33.78	7.64	7.99	7.8	2.843	97.4	4.5	1.1
778	6/11/2015 17:46:11	17.11	51.28	33.74	7.75	8.00	8.1	2.918	98.4	4.5	1.1
779	6/11/2015 18:01:11	16.91	51.20	33.67	7.91	8.01	8.3	3.005	100.1	4.8	1.1
780	6/11/2015 18:16:11	16.62	51.26	33.72	8.16	8.03	8.9	3.109	102.7	4.6	1.1
781	6/11/2015 18:31:11	16.18	51.20	33.67	8.55	8.06	10.4	3.200	106.7	5.6	1.3
782	6/11/2015 18:46:10	15.94	51.12	33.60	8.73	8.08	10.6	3.292	108.4	6.1	1.4
783	6/11/2015 19:01:11	15.49	51.06	33.55	9.05	8.10	11.1	3.388	111.4	6.6	1.6
784	6/11/2015 19:16:11	14.99	51.13	33.59	9.43	8.12	9.3	3.473	114.9	8.6	2.0
785	6/11/2015 19:31:11	14.68	51.12	33.57	9.73	8.14	9.0	3.562	117.7	8.0	1.9
786	6/11/2015 19:46:11	14.48	51.09	33.55	9.94	8.16	7.9	3.633	119.9	9.1	2.2
787	6/11/2015 20:01:11	14.36	51.06	33.52	10.01	8.16	7.0	3.694	120.3	8.6	2.0
788	6/11/2015 20:16:10	14.27	51.09	33.54	10.08	8.17	7.0	3.746	121.0	9.8	2.3
789	6/11/2015 20:31:10	14.01	51.08	33.52	10.09	8.17	5.0	3.785	120.4	10.8	2.5
790	6/11/2015 20:46:10	13.93	51.04	33.49	9.79	8.16	3.3	3.796	116.7	9.2	2.2
791	6/11/2015 21:01:10	14.06	51.08	33.53	9.71	8.15	5.2	3.795	116.1	7.7	1.8
792	6/11/2015 21:16:11	14.31	51.14	33.58	9.61	8.15	5.2	3.770	115.5	6.5	1.5
793	6/11/2015 21:31:11	14.58	51.00	33.48	9.43	8.14	5.7	3.734	113.9	6.8	1.6
794	6/11/2015 21:46:11	14.51	51.09	33.55	9.45	8.14	7.6	3.660	114.0	8.2	1.9
795	6/11/2015 22:01:11	14.46	51.18	33.61	9.29	8.14	7.9	3.580	112.0	8.3	2.0
796	6/11/2015 22:16:11	14.57	51.10	33.56	9.28	8.13	7.2	3.492	112.1	8.3	1.9
797	6/11/2015 22:31:11	15.40	51.18	33.63	8.99	8.11	7.1	3.414	110.4	6.2	1.5
798	6/11/2015 22:46:11	16.18	51.15	33.63	8.45	8.08	8.0	3.299	105.4	5.4	1.3
799	6/11/2015 23:01:11	16.30	51.24	33.70	8.61	8.09	9.2	3.190	107.7	4.5	1.1
800	6/11/2015 23:16:10	16.34	51.11	33.61	8.53	8.08	9.4	3.084	106.7	3.9	0.9
801	6/11/2015 23:31:10	16.52	51.23	33.69	8.42	8.07	7.8	2.986	105.8	4.0	0.9
802	6/11/2015 23:46:10	16.62	51.31	33.75	8.34	8.06	7.5	2.880	105.0	4.5	1.1
803	6/12/2015 00:01:10	17.14	51.27	33.73	7.91	8.04	8.1	2.767	100.6	4.1	1.0
804	6/12/2015 00:16:10	17.37	51.35	33.80	7.65	8.01	8.8	2.655	97.8	4.5	1.1
805	6/12/2015 00:31:10	17.51	51.30	33.76	7.45	8.00	9.7	2.558	95.5	4.5	1.1
806	6/12/2015 00:46:10	17.06	51.30	33.75	7.50	8.00	8.9	2.436	95.3	4.1	1.0
807	6/12/2015 01:01:11	16.76	51.09	33.59	7.66	8.01	8.8	2.328	96.6	4.7	1.1
808	6/12/2015 01:16:11	17.24	51.39	33.82	7.62	8.01	10.6	2.214	97.1	4.8	1.1
809	6/12/2015 01:31:11	17.22	51.34	33.78	7.58	8.01	10.0	2.122	96.5	3.9	0.9
810	6/12/2015 01:46:11	17.65	51.40	33.83	7.56	8.01	9.5	2.006	97.2	4.2	1.0
811	6/12/2015 02:01:11	17.76	51.48	33.89	7.56	8.01	9.4	1.887	97.3	3.9	0.9
812	6/12/2015 02:16:10	17.76	51.43	33.86	7.46	8.00	8.5	1.795	96.1	4.1	1.0
813	6/12/2015 02:31:11	17.99	51.49	33.90	7.36	8.00	7.9	1.743	95.2	4.4	1.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
814	6/12/2015 02:46:10	18.19	51.55	33.95	7.23	7.99	7.6	1.656	93.9	4.8	1.1
815	6/12/2015 03:01:10	18.52	51.56	33.95	7.17	8.00	7.3	1.613	93.7	4.3	1.0
816	6/12/2015 03:16:11	18.61	51.58	33.97	7.14	7.99	7.2	1.594	93.5	4.4	1.0
817	6/12/2015 03:31:10	18.78	51.57	33.96	7.29	8.01	6.5	1.605	95.7	4.5	1.1
818	6/12/2015 03:46:11	18.91	51.65	34.02	7.47	8.01	6.4	1.622	98.4	4.6	1.1
819	6/12/2015 04:01:11	18.79	51.67	34.03	7.51	8.01	6.5	1.672	98.7	4.3	1.0
820	6/12/2015 04:16:11	19.04	51.62	34.00	7.48	8.02	7.3	1.742	98.8	5.0	1.2
821	6/12/2015 04:31:11	18.90	51.68	34.05	7.49	8.01	6.8	1.819	98.6	4.9	1.2
822	6/12/2015 04:46:10	18.78	51.52	33.93	7.32	7.99	7.5	1.892	96.2	4.2	1.0
823	6/12/2015 05:01:10	18.87	51.48	33.90	6.88	7.96	8.9	1.967	90.5	4.9	1.2
824	6/12/2015 05:16:11	18.81	51.54	33.94	6.76	7.95	10.0	2.053	88.8	4.3	1.0
825	6/12/2015 05:31:10	18.53	51.52	33.93	6.98	7.96	8.2	2.137	91.2	4.1	1.0
826	6/12/2015 05:46:11	18.41	51.49	33.90	7.01	7.96	7.9	2.223	91.4	4.4	1.0
827	6/12/2015 06:01:11	18.16	51.53	33.93	7.13	7.97	7.5	2.293	92.6	3.8	0.9
828	6/12/2015 06:16:11	17.82	51.46	33.88	7.20	7.97	6.2	2.378	92.8	3.6	0.8
829	6/12/2015 06:31:11	17.55	51.41	33.84	7.25	7.97	5.8	2.450	93.0	3.8	0.9
830	6/12/2015 06:46:11	17.41	51.43	33.85	7.27	7.97	5.6	2.525	92.9	3.5	0.8
831	6/12/2015 07:01:11	17.25	51.39	33.82	7.32	7.98	5.9	2.587	93.3	3.5	0.8
832	6/12/2015 07:16:11	17.08	51.33	33.78	7.36	7.98	6.4	2.663	93.6	2.8	0.6
833	6/12/2015 07:31:10	16.87	51.29	33.74	7.46	7.99	5.8	2.737	94.4	3.4	0.8
834	6/12/2015 07:46:10	16.75	51.32	33.76	7.54	8.00	6.3	2.802	95.1	4.3	1.0
835	6/12/2015 08:01:12	16.70	51.31	33.75	7.56	8.00	6.0	2.862	95.3	3.8	0.9
836	6/12/2015 08:16:11	16.53	51.23	33.69	7.66	8.01	6.5	2.930	96.2	3.8	0.9
837	6/12/2015 08:31:10	16.37	51.21	33.68	7.77	8.01	6.2	2.987	97.3	3.8	0.9
838	6/12/2015 08:46:10	16.20	51.11	33.60	7.86	8.02	6.1	3.036	98.0	4.6	1.1
839	6/12/2015 09:01:11	16.06	51.13	33.61	7.94	8.03	5.6	3.091	98.9	3.9	0.9
840	6/12/2015 09:16:11	15.97	51.09	33.58	7.98	8.03	4.6	3.118	99.1	3.6	0.8
841	6/12/2015 09:31:11	15.88	51.17	33.64	7.93	8.03	3.7	3.135	98.4	4.4	1.0
842	6/12/2015 09:46:10	15.83	51.18	33.64	7.77	8.03	3.1	3.168	96.3	4.0	0.9
843	6/12/2015 10:01:10	15.77	51.14	33.62	7.84	8.02	3.5	3.144	97.1	2.8	0.7
844	6/12/2015 10:16:11	15.93	51.18	33.64	7.81	8.02	4.5	3.115	97.0	3.5	0.8
845	6/12/2015 10:31:11	15.96	51.11	33.60	7.82	8.03	4.1	3.073	97.2	3.0	0.7
846	6/12/2015 10:46:10	16.30	51.17	33.65	7.70	8.02	5.0	3.032	96.3	2.7	0.6
847	6/12/2015 11:01:11	16.47	51.19	33.66	7.81	8.02	5.1	2.957	98.0	3.3	0.8
848	6/12/2015 11:16:10	16.74	51.16	33.65	7.88	8.02	5.9	2.882	99.4	2.7	0.6
849	6/12/2015 11:31:10	17.03	51.31	33.76	7.84	8.02	6.0	2.804	99.5	3.3	0.8
850	6/12/2015 11:46:10	17.25	51.21	33.69	7.64	8.01	5.7	2.733	97.4	3.1	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
851	6/12/2015 12:01:10	17.42	51.30	33.75	7.59	8.00	6.2	2.646	97.1	3.0	0.7
852	6/12/2015 12:16:10	17.70	51.37	33.81	7.55	8.00	6.4	2.557	97.1	3.4	0.8
853	6/12/2015 12:31:11	18.02	51.42	33.85	7.48	7.99	6.8	2.505	96.8	2.9	0.7
854	6/12/2015 12:46:11	18.25	51.35	33.80	7.49	7.99	6.7	2.425	97.3	3.0	0.7
855	6/12/2015 13:01:11	18.45	51.39	33.83	7.59	8.00	7.3	2.340	99.0	2.9	0.7
856	6/12/2015 13:16:11	18.59	51.40	33.84	7.65	8.00	7.5	2.274	100.1	3.2	0.8
857	6/12/2015 13:31:11	18.71	51.46	33.88	7.71	8.00	8.1	2.217	101.1	3.2	0.8
858	6/12/2015 13:46:11	18.78	51.50	33.91	7.71	8.01	7.3	2.139	101.3	3.6	0.8
859	6/12/2015 14:01:11	18.80	51.41	33.84	7.79	8.01	7.5	2.089	102.3	2.9	0.7
860	6/12/2015 14:16:10	18.86	51.53	33.93	7.75	8.01	7.2	2.040	101.9	2.5	0.6
861	6/12/2015 14:31:11	18.90	51.53	33.93	7.70	8.01	6.7	2.023	101.3	2.8	0.7
862	6/12/2015 14:46:11	19.02	51.40	33.84	7.45	8.01	8.1	2.023	98.3	2.9	0.7
863	6/12/2015 15:01:10	18.99	51.42	33.85	8.06	8.03	6.5	1.997	106.3	4.0	0.9
864	6/12/2015 15:16:10	19.08	51.51	33.92	8.04	8.03	6.2	2.019	106.1	4.0	0.9
865	6/12/2015 15:31:10	19.08	51.40	33.84	8.01	8.02	6.8	2.061	105.8	4.4	1.0
866	6/12/2015 15:46:10	19.18	51.30	33.77	7.99	8.02	6.6	2.099	105.6	4.1	1.0
867	6/12/2015 16:01:10	19.30	51.47	33.89	7.99	8.02	6.8	2.163	105.9	5.1	1.2
868	6/12/2015 16:16:11	19.14	51.50	33.91	7.94	8.02	6.8	2.218	105.0	5.0	1.2
869	6/12/2015 16:31:11	19.21	51.43	33.86	8.03	8.02	5.9	2.283	106.3	5.0	1.2
870	6/12/2015 16:46:10	19.12	51.27	33.74	8.07	8.02	7.2	2.377	106.5	4.4	1.0
871	6/12/2015 17:01:10	18.79	51.35	33.80	8.13	8.02	6.5	2.441	106.7	4.3	1.0
872	6/12/2015 17:16:11	18.65	51.44	33.87	8.11	8.02	6.4	2.526	106.2	4.9	1.2
873	6/12/2015 17:31:11	18.45	51.32	33.78	8.00	8.01	6.2	2.606	104.4	4.0	0.9
874	6/12/2015 17:46:11	17.89	51.24	33.72	7.96	8.01	7.2	2.683	102.7	4.1	1.0
875	6/12/2015 18:01:11	17.65	51.32	33.77	7.92	8.01	7.0	2.775	101.7	3.9	0.9
876	6/12/2015 18:16:10	17.53	51.26	33.73	7.89	8.01	7.0	2.850	101.1	4.3	1.0
877	6/12/2015 18:31:10	17.32	51.23	33.70	8.02	8.02	8.1	2.943	102.3	4.2	1.0
878	6/12/2015 18:46:10	17.03	51.13	33.63	8.15	8.03	9.7	3.029	103.3	4.4	1.0
879	6/12/2015 19:01:10	16.50	51.15	33.64	8.33	8.04	9.2	3.139	104.6	4.8	1.1
880	6/12/2015 19:16:11	16.07	50.89	33.44	8.58	8.06	11.1	3.225	106.7	5.4	1.3
881	6/12/2015 19:31:11	15.55	51.08	33.57	8.71	8.07	10.7	3.320	107.3	6.3	1.5
882	6/12/2015 19:46:11	15.21	50.99	33.49	8.81	8.08	10.8	3.437	107.8	5.7	1.3
883	6/12/2015 20:01:11	14.84	51.04	33.52	8.99	8.09	12.2	3.510	109.2	7.3	1.7
884	6/12/2015 20:16:11	14.58	50.95	33.44	9.18	8.11	10.4	3.603	110.9	7.4	1.7
885	6/12/2015 20:31:11	14.35	51.03	33.50	9.35	8.12	10.1	3.698	112.4	8.6	2.0
886	6/12/2015 20:46:12	14.20	50.94	33.43	9.44	8.13	9.3	3.756	113.1	9.0	2.1
887	6/12/2015 21:01:11	14.03	50.96	33.44	9.40	8.12	7.1	3.812	112.3	10.5	2.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
888	6/12/2015 21:16:11	13.88	50.97	33.44	9.31	8.12	5.0	3.853	110.8	10.1	2.4
889	6/12/2015 21:31:11	13.86	51.04	33.49	9.13	8.12	3.7	3.873	108.6	6.4	1.5
890	6/12/2015 21:46:11	14.01	51.07	33.51	9.03	8.10	4.5	3.897	107.8	6.2	1.5
891	6/12/2015 22:01:11	14.31	50.95	33.44	8.95	8.10	5.3	3.855	107.5	5.6	1.3
892	6/12/2015 22:16:11	14.21	50.98	33.46	8.95	8.10	6.1	3.818	107.3	5.2	1.2
893	6/12/2015 22:31:11	14.48	51.11	33.56	8.86	8.10	7.0	3.753	106.8	7.1	1.7
894	6/12/2015 22:46:11	14.16	51.01	33.47	8.99	8.11	9.5	3.669	107.6	8.0	1.9
895	6/12/2015 23:01:11	14.44	51.10	33.55	8.86	8.10	9.1	3.585	106.8	7.2	1.7
896	6/12/2015 23:16:11	14.95	51.10	33.56	8.73	8.09	6.4	3.486	106.2	6.7	1.6
897	6/12/2015 23:31:10	15.85	51.15	33.62	8.32	8.07	7.6	3.374	103.2	5.5	1.3
898	6/12/2015 23:46:11	16.08	51.15	33.63	8.37	8.07	8.9	3.278	104.2	4.5	1.1
899	6/13/2015 00:01:10	16.06	51.18	33.65	8.35	8.07	8.4	3.173	103.9	4.7	1.1
900	6/13/2015 00:16:11	16.19	51.21	33.68	8.31	8.06	7.9	3.057	103.7	5.0	1.2
901	6/13/2015 00:31:11	16.34	51.19	33.66	8.18	8.06	8.7	2.920	102.4	4.4	1.0
902	6/13/2015 00:46:10	16.97	51.25	33.71	7.93	8.04	9.7	2.816	100.4	4.1	1.0
903	6/13/2015 01:01:10	17.21	51.30	33.75	7.71	8.02	9.0	2.712	98.2	4.0	0.9
904	6/13/2015 01:16:11	17.47	51.36	33.80	7.51	8.01	8.5	2.567	96.1	4.5	1.1
905	6/13/2015 01:31:11	17.30	51.34	33.79	7.69	8.02	11.3	2.441	98.1	4.3	1.0
906	6/13/2015 01:46:11	17.42	51.32	33.77	7.64	8.02	9.8	2.313	97.7	4.4	1.0
907	6/13/2015 02:01:11	17.20	51.35	33.79	7.75	8.02	11.4	2.185	98.7	4.3	1.0
908	6/13/2015 02:16:11	17.34	51.36	33.80	7.76	8.03	11.6	2.066	99.1	4.1	1.0
909	6/13/2015 02:31:11	17.70	51.37	33.81	7.83	8.04	11.5	1.930	100.8	4.6	1.1
910	6/13/2015 02:46:11	17.72	51.47	33.88	7.76	8.03	10.5	1.817	99.9	4.8	1.1
911	6/13/2015 03:01:11	18.13	51.43	33.86	7.64	8.03	10.3	1.712	99.1	4.1	1.0
912	6/13/2015 03:16:10	18.34	51.39	33.83	7.55	8.02	9.2	1.594	98.3	4.0	1.0
913	6/13/2015 03:31:11	18.63	51.54	33.94	7.48	8.02	8.6	1.522	98.0	4.1	1.0
914	6/13/2015 03:46:11	18.81	51.59	33.98	7.39	8.01	9.4	1.441	97.1	4.6	1.1
915	6/13/2015 04:01:11	18.86	51.60	33.99	7.27	8.00	7.8	1.412	95.7	4.6	1.1
916	6/13/2015 04:16:11	18.95	51.51	33.92	7.25	8.01	8.1	1.397	95.5	4.8	1.1
917	6/13/2015 04:31:11	19.24	51.65	34.02	7.05	8.01	6.4	1.390	93.4	4.1	1.0
918	6/13/2015 04:46:11	19.21	51.64	34.01	7.57	8.03	6.6	1.437	100.3	3.9	0.9
919	6/13/2015 05:01:11	19.10	51.64	34.02	7.56	8.03	6.7	1.500	100.0	4.0	0.9
920	6/13/2015 05:16:11	19.22	51.54	33.94	7.69	8.04	6.5	1.562	101.9	4.9	1.1
921	6/13/2015 05:31:10	19.11	51.45	33.88	7.67	8.04	7.2	1.633	101.4	4.2	1.0
922	6/13/2015 05:46:10	19.04	51.48	33.90	7.53	8.02	7.2	1.720	99.4	3.9	0.9
923	6/13/2015 06:01:10	19.20	51.50	33.91	6.97	7.98	9.7	1.821	92.3	3.8	0.9
924	6/13/2015 06:16:11	18.95	51.57	33.97	7.15	7.99	8.9	1.892	94.2	3.7	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
925	6/13/2015 06:31:11	18.74	51.45	33.87	7.25	7.99	8.1	1.985	95.2	3.5	0.8
926	6/13/2015 06:46:10	18.66	51.44	33.86	7.26	7.99	7.7	2.077	95.1	3.3	0.8
927	6/13/2015 07:01:11	18.43	51.47	33.89	7.29	7.99	7.5	2.165	95.1	3.5	0.8
928	6/13/2015 07:16:10	18.15	51.43	33.86	7.29	7.99	7.4	2.252	94.5	3.8	0.9
929	6/13/2015 07:31:10	17.85	51.23	33.71	7.29	7.98	6.7	2.341	93.9	5.0	1.2
930	6/13/2015 07:46:11	17.74	51.34	33.79	7.29	7.98	6.7	2.428	93.8	3.2	0.8
931	6/13/2015 08:01:11	17.61	51.26	33.73	7.30	7.98	7.2	2.508	93.6	3.4	0.8
932	6/13/2015 08:16:10	17.34	51.22	33.70	7.37	7.98	7.0	2.591	94.1	3.2	0.8
933	6/13/2015 08:31:10	17.16	51.18	33.67	7.45	7.99	7.3	2.665	94.8	3.7	0.9
934	6/13/2015 08:46:10	17.08	51.21	33.68	7.50	8.00	7.0	2.745	95.2	3.6	0.8
935	6/13/2015 09:01:10	16.99	51.14	33.64	7.53	8.00	7.3	2.810	95.4	3.5	0.8
936	6/13/2015 09:16:11	16.67	51.15	33.64	7.68	8.01	7.8	2.890	96.7	3.5	0.8
937	6/13/2015 09:31:11	16.44	51.15	33.64	7.78	8.01	7.5	2.962	97.6	3.5	0.8
938	6/13/2015 09:46:11	16.03	51.13	33.61	7.96	8.03	7.9	3.027	99.0	3.8	0.9
939	6/13/2015 10:01:11	15.63	51.09	33.57	8.14	8.04	7.8	3.082	100.4	4.6	1.1
940	6/13/2015 10:16:11	15.46	51.06	33.55	8.17	8.05	7.8	3.138	100.5	4.3	1.0
941	6/13/2015 10:31:10	15.39	51.03	33.53	8.19	8.05	5.0	3.166	100.5	4.3	1.0
942	6/13/2015 10:46:10	15.36	50.91	33.43	8.17	8.05	4.6	3.207	100.2	5.0	1.2
943	6/13/2015 11:01:11	15.34	50.96	33.47	7.85	8.03	3.9	3.204	96.3	5.1	1.2
944	6/13/2015 11:16:11	15.48	51.04	33.54	7.89	8.04	4.3	3.181	97.1	3.3	0.8
945	6/13/2015 11:31:11	15.42	51.05	33.54	7.96	8.04	4.5	3.161	97.8	3.0	0.7
946	6/13/2015 11:46:11	15.57	51.03	33.53	7.98	8.04	5.0	3.104	98.3	3.8	0.9
947	6/13/2015 12:01:10	15.74	51.04	33.54	8.00	8.04	6.1	3.041	98.9	3.8	0.9
948	6/13/2015 12:16:11	16.37	51.08	33.58	7.98	8.04	5.9	2.979	99.8	3.6	0.8
949	6/13/2015 12:31:11	16.75	51.13	33.62	7.97	8.04	7.0	2.891	100.5	3.8	0.9
950	6/13/2015 12:46:12	16.98	51.17	33.66	7.91	8.03	7.2	2.821	100.2	3.3	0.8
951	6/13/2015 13:01:11	17.23	51.17	33.66	7.85	8.03	7.3	2.730	100.0	3.1	0.7
952	6/13/2015 13:16:11	17.52	51.17	33.66	7.80	8.02	6.5	2.664	99.9	3.3	0.8
953	6/13/2015 13:31:10	17.83	51.20	33.68	7.75	8.02	7.2	2.583	99.9	3.1	0.7
954	6/13/2015 13:46:10	18.20	51.29	33.75	7.80	8.02	8.7	2.503	101.2	2.8	0.6
955	6/13/2015 14:01:10	18.47	51.31	33.77	7.78	8.02	9.9	2.448	101.5	3.1	0.7
956	6/13/2015 14:16:10	18.60	51.29	33.75	7.87	8.02	10.6	2.370	102.8	3.2	0.8
957	6/13/2015 14:31:10	18.70	51.31	33.77	7.91	8.03	11.8	2.313	103.6	3.4	0.8
958	6/13/2015 14:46:11	18.79	51.36	33.81	7.88	8.03	11.2	2.250	103.5	3.2	0.8
959	6/13/2015 15:01:11	18.84	51.29	33.76	7.85	8.03	12.8	2.204	103.1	3.5	0.8
960	6/13/2015 15:16:10	18.91	51.24	33.72	7.56	8.01	7.2	2.141	99.3	3.1	0.7
961	6/13/2015 15:31:11	19.01	51.33	33.79	7.58	8.02	7.4	2.094	99.8	2.9	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
962	6/13/2015 15:46:11	19.00	51.34	33.80	7.44	8.00	7.6	2.103	98.1	2.4	0.6
963	6/13/2015 16:01:11	19.09	51.25	33.73	7.86	8.03	8.4	2.094	103.7	3.7	0.9
964	6/13/2015 16:16:11	19.13	51.41	33.84	8.13	8.04	9.0	2.088	107.5	4.0	0.9
965	6/13/2015 16:31:11	19.06	51.23	33.71	8.13	8.04	8.2	2.118	107.2	4.0	0.9
966	6/13/2015 16:46:10	19.10	51.19	33.68	8.17	8.04	8.4	2.169	107.8	3.5	0.8
967	6/13/2015 17:01:10	19.38	51.40	33.84	8.17	8.05	8.4	2.234	108.5	4.4	1.0
968	6/13/2015 17:16:11	19.32	51.38	33.83	8.18	8.04	8.7	2.301	108.5	4.6	1.1
969	6/13/2015 17:31:10	19.32	51.20	33.69	8.16	8.04	8.3	2.357	108.1	4.3	1.0
970	6/13/2015 17:46:11	19.32	51.32	33.78	8.18	8.04	9.4	2.438	108.4	4.2	1.0
971	6/13/2015 18:01:11	18.78	51.33	33.79	8.26	8.04	9.7	2.527	108.4	4.4	1.0
972	6/13/2015 18:16:10	18.63	51.28	33.75	8.27	8.05	8.3	2.609	108.3	4.0	0.9
973	6/13/2015 18:31:11	18.44	51.27	33.74	8.22	8.04	7.6	2.699	107.2	4.0	0.9
974	6/13/2015 18:46:11	17.90	51.22	33.70	8.07	8.03	8.5	2.785	104.1	4.3	1.0
975	6/13/2015 19:01:10	17.56	51.08	33.60	8.04	8.02	8.8	2.873	102.9	4.3	1.0
976	6/13/2015 19:16:10	17.28	51.16	33.65	8.09	8.03	8.6	2.970	103.1	3.9	0.9
977	6/13/2015 19:31:10	16.97	51.05	33.57	8.12	8.03	8.9	3.058	102.8	4.2	1.0
978	6/13/2015 19:46:11	16.52	51.03	33.54	8.14	8.03	10.6	3.161	102.2	3.9	0.9
979	6/13/2015 20:01:11	16.03	51.06	33.56	8.23	8.04	11.1	3.267	102.3	4.0	0.9
980	6/13/2015 20:16:11	15.37	51.07	33.56	8.33	8.04	10.4	3.367	102.2	4.9	1.2
981	6/13/2015 20:31:11	14.83	51.00	33.49	8.38	8.04	11.2	3.475	101.7	5.3	1.2
982	6/13/2015 20:46:11	14.31	50.95	33.44	8.52	8.04	13.0	3.561	102.2	7.3	1.7
983	6/13/2015 21:01:11	14.00	50.98	33.45	8.62	8.04	11.7	3.655	102.9	6.5	1.5
984	6/13/2015 21:16:11	13.74	50.91	33.39	8.71	8.04	11.0	3.739	103.3	8.4	2.0
985	6/13/2015 21:31:11	13.62	50.92	33.40	8.72	8.04	9.5	3.805	103.3	7.8	1.8
986	6/13/2015 21:46:11	13.49	51.02	33.46	8.72	8.04	7.4	3.860	103.0	6.8	1.6
987	6/13/2015 22:01:11	13.39	50.95	33.40	8.71	8.04	4.6	3.897	102.6	7.3	1.7
988	6/13/2015 22:16:10	13.30	50.90	33.37	8.67	8.04	3.5	3.932	102.0	7.2	1.7
989	6/13/2015 22:31:11	13.45	50.97	33.43	8.53	8.03	3.5	3.934	100.6	10.0	2.4
990	6/13/2015 22:46:11	13.73	50.92	33.40	8.46	8.03	6.3	3.905	100.4	5.4	1.3
991	6/13/2015 23:01:11	13.64	50.96	33.42	8.51	8.03	5.5	3.870	100.8	5.9	1.4
992	6/13/2015 23:16:11	14.04	50.99	33.46	8.32	8.03	7.1	3.807	99.4	5.3	1.3
993	6/13/2015 23:31:11	13.44	51.01	33.45	8.59	8.03	8.5	3.726	101.3	5.4	1.3
994	6/13/2015 23:46:11	13.85	51.07	33.51	8.49	8.03	5.6	3.627	101.0	5.1	1.2
995	6/14/2015 00:01:11	14.47	50.83	33.36	8.30	8.03	7.1	3.535	100.0	5.0	1.2
996	6/14/2015 00:16:11	15.60	51.14	33.61	7.91	8.03	9.1	3.416	97.5	4.4	1.0
997	6/14/2015 00:31:10	15.74	51.13	33.61	7.94	8.03	9.1	3.296	98.2	4.4	1.0
998	6/14/2015 00:46:10	15.85	51.19	33.65	7.95	8.03	8.6	3.187	98.5	4.5	1.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
999	6/14/2015 01:01:11	16.04	51.08	33.58	7.84	8.02	8.5	3.059	97.5	4.3	1.0
1000	6/14/2015 01:16:11	16.58	51.25	33.71	7.72	8.02	8.1	2.946	97.1	3.9	0.9
1001	6/14/2015 01:31:11	16.71	51.23	33.69	7.67	8.02	9.2	2.818	96.7	4.3	1.0
1002	6/14/2015 01:46:11	17.23	51.34	33.79	7.55	8.01	9.5	2.690	96.2	4.0	0.9
1003	6/14/2015 02:01:11	17.34	51.25	33.72	7.42	8.01	10.9	2.551	94.8	4.0	0.9
1004	6/14/2015 02:16:10	16.88	51.28	33.74	7.50	8.00	10.0	2.429	94.9	3.7	0.9
1005	6/14/2015 02:31:11	17.08	51.35	33.79	7.46	8.00	10.1	2.287	94.7	3.6	0.8
1006	6/14/2015 02:46:12	16.93	51.37	33.81	7.42	8.00	11.6	2.144	94.0	3.7	0.9
1007	6/14/2015 03:01:11	17.40	51.33	33.78	7.39	8.01	13.1	2.007	94.4	4.1	1.0
1008	6/14/2015 03:16:10	17.52	51.33	33.78	7.48	8.01	15.1	1.880	95.8	3.8	0.9
1009	6/14/2015 03:31:10	17.73	51.38	33.82	7.37	8.01	12.0	1.756	94.9	4.0	0.9
1010	6/14/2015 03:46:11	17.98	51.31	33.77	7.33	8.00	12.5	1.601	94.7	3.8	0.9
1011	6/14/2015 04:01:10	18.26	51.47	33.89	7.26	8.00	11.5	1.494	94.3	3.9	0.9
1012	6/14/2015 04:16:10	18.34	51.46	33.88	7.16	7.99	10.4	1.396	93.3	4.4	1.0
1013	6/14/2015 04:31:10	18.48	51.50	33.91	7.08	7.99	13.1	1.300	92.4	3.8	0.9
1014	6/14/2015 04:46:10	18.49	51.53	33.93	7.04	7.98	8.5	1.273	92.0	3.5	0.8
1015	6/14/2015 05:01:11	18.61	51.60	33.98	7.03	7.98	8.2	1.218	92.1	3.9	0.9
1016	6/14/2015 05:16:10	18.63	51.56	33.96	6.65	7.97	6.6	1.215	87.1	4.0	0.9
1017	6/14/2015 05:31:10	19.22	51.70	34.06	7.15	8.02	8.1	1.269	94.8	4.1	1.0
1018	6/14/2015 05:46:10	18.92	51.46	33.88	7.17	8.00	8.5	1.307	94.4	3.2	0.8
1019	6/14/2015 06:01:10	19.19	51.66	34.03	7.28	8.02	7.5	1.400	96.4	4.0	0.9
1020	6/14/2015 06:16:10	19.10	51.59	33.98	7.29	8.02	7.9	1.473	96.4	3.3	0.8
1021	6/14/2015 06:31:10	19.01	51.52	33.93	7.29	8.01	7.6	1.570	96.1	3.7	0.9
1022	6/14/2015 06:46:10	19.08	51.56	33.96	6.89	7.98	9.4	1.659	91.0	3.4	0.8
1023	6/14/2015 07:01:10	18.92	51.56	33.95	6.90	7.98	9.1	1.747	90.8	3.6	0.9
1024	6/14/2015 07:16:11	18.80	51.59	33.98	6.97	7.98	8.6	1.833	91.6	3.4	0.8
1025	6/14/2015 07:31:11	18.64	51.48	33.89	7.00	7.98	8.1	1.930	91.6	4.4	1.0
1026	6/14/2015 07:46:11	18.61	51.48	33.89	7.00	7.98	7.8	2.028	91.6	3.1	0.7
1027	6/14/2015 08:01:11	18.35	51.43	33.86	7.02	7.98	8.4	2.128	91.4	2.8	0.6
1028	6/14/2015 08:16:11	17.98	51.31	33.77	7.07	7.97	7.7	2.227	91.4	3.0	0.7
1029	6/14/2015 08:31:11	17.74	51.29	33.75	7.09	7.97	6.9	2.328	91.3	3.4	0.8
1030	6/14/2015 08:46:11	17.49	51.13	33.63	7.13	7.97	7.5	2.427	91.3	3.0	0.7
1031	6/14/2015 09:01:11	17.27	51.25	33.72	7.18	7.98	8.6	2.516	91.6	2.6	0.6
1032	6/14/2015 09:16:10	17.11	51.18	33.66	7.24	7.98	8.3	2.607	91.9	3.2	0.8
1033	6/14/2015 09:31:10	17.02	51.25	33.71	7.25	7.98	8.3	2.696	92.0	2.5	0.6
1034	6/14/2015 09:46:11	16.66	51.15	33.64	7.37	7.99	8.9	2.786	92.8	3.0	0.7
1035	6/14/2015 10:01:11	16.30	51.16	33.64	7.49	7.99	9.0	2.869	93.6	3.7	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1036	6/14/2015 10:16:11	16.03	51.10	33.59	7.58	8.00	9.0	2.950	94.3	3.7	0.9
1037	6/14/2015 10:31:11	15.46	51.03	33.53	7.86	8.01	9.5	3.031	96.6	3.4	0.8
1038	6/14/2015 10:46:11	15.06	51.04	33.53	8.03	8.02	8.5	3.109	97.9	4.6	1.1
1039	6/14/2015 11:01:10	14.88	51.00	33.49	8.05	8.02	9.4	3.163	97.7	3.5	0.8
1040	6/14/2015 11:16:11	14.78	51.00	33.49	8.02	8.02	7.1	3.234	97.3	4.6	1.1
1041	6/14/2015 11:31:11	14.62	50.96	33.45	7.99	8.01	7.0	3.279	96.6	4.7	1.1
1042	6/14/2015 11:46:11	14.53	50.97	33.46	7.94	8.01	4.1	3.307	95.8	3.5	0.8
1043	6/14/2015 12:01:11	14.59	51.10	33.56	7.85	8.00	5.3	3.303	94.8	4.8	1.1
1044	6/14/2015 12:16:11	14.80	50.97	33.46	7.73	8.00	7.0	3.301	93.8	2.2	0.5
1045	6/14/2015 12:31:11	14.73	50.99	33.48	7.83	8.00	6.0	3.271	94.8	2.8	0.7
1046	6/14/2015 12:46:11	14.93	50.99	33.49	7.80	8.01	6.5	3.201	94.9	3.4	0.8
1047	6/14/2015 13:01:10	15.29	50.95	33.47	7.87	8.01	6.8	3.126	96.3	3.6	0.8
1048	6/14/2015 13:16:10	15.93	51.00	33.51	8.04	8.03	6.7	3.051	99.8	3.6	0.8
1049	6/14/2015 13:31:10	16.30	51.08	33.58	8.06	8.03	6.7	2.967	100.7	3.4	0.8
1050	6/14/2015 13:46:10	16.68	51.13	33.62	8.00	8.03	7.2	2.885	100.7	2.9	0.7
1051	6/14/2015 14:01:10	17.25	51.23	33.70	7.89	8.02	7.6	2.797	100.5	2.9	0.7
1052	6/14/2015 14:16:10	17.51	51.20	33.69	7.86	8.02	7.1	2.721	100.6	3.4	0.8
1053	6/14/2015 14:31:11	17.73	51.20	33.69	7.83	8.02	7.5	2.643	100.7	2.7	0.6
1054	6/14/2015 14:46:11	18.13	51.31	33.77	7.90	8.02	7.3	2.560	102.4	3.1	0.7
1055	6/14/2015 15:01:10	18.28	51.31	33.77	7.92	8.02	7.2	2.494	102.9	2.7	0.6
1056	6/14/2015 15:16:11	18.44	51.34	33.79	8.00	8.03	7.1	2.419	104.3	2.4	0.6
1057	6/14/2015 15:31:11	18.62	51.40	33.84	8.06	8.03	6.7	2.352	105.4	3.2	0.8
1058	6/14/2015 15:46:11	18.74	51.33	33.79	8.15	8.04	6.3	2.293	106.8	2.6	0.6
1059	6/14/2015 16:01:10	18.79	51.37	33.82	8.10	8.04	6.1	2.244	106.3	3.0	0.7
1060	6/14/2015 16:16:11	18.81	51.35	33.80	8.08	8.04	5.9	2.212	106.1	2.1	0.5
1061	6/14/2015 16:31:10	18.89	51.24	33.72	7.83	8.03	5.4	2.172	103.0	2.2	0.5
1062	6/14/2015 16:46:10	18.94	51.31	33.77	7.60	8.02	6.4	2.162	100.0	2.5	0.6
1063	6/14/2015 17:01:10	18.70	51.33	33.79	8.58	8.06	5.9	2.160	112.4	3.3	0.8
1064	6/14/2015 17:16:11	18.91	51.36	33.81	8.36	8.06	5.7	2.176	110.0	3.4	0.8
1065	6/14/2015 17:31:11	18.90	51.41	33.85	8.32	8.05	5.9	2.217	109.5	3.2	0.8
1066	6/14/2015 17:46:11	19.01	51.40	33.84	8.22	8.05	5.9	2.262	108.4	4.0	0.9
1067	6/14/2015 18:01:11	18.94	51.33	33.79	8.13	8.04	6.1	2.334	106.9	4.0	0.9
1068	6/14/2015 18:16:10	18.98	51.33	33.79	8.12	8.04	7.1	2.412	107.0	3.9	0.9
1069	6/14/2015 18:31:10	18.78	51.32	33.78	8.14	8.03	8.0	2.496	106.8	3.8	0.9
1070	6/14/2015 18:46:10	18.37	51.22	33.71	8.18	8.03	7.2	2.586	106.5	3.6	0.8
1071	6/14/2015 19:01:11	18.27	51.15	33.65	8.13	8.03	6.4	2.667	105.6	3.1	0.7
1072	6/14/2015 19:16:11	17.48	51.17	33.66	7.94	8.01	7.8	2.761	101.5	3.5	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1073	6/14/2015 19:31:10	17.17	51.07	33.58	7.88	8.01	7.5	2.847	100.2	4.0	0.9
1074	6/14/2015 19:46:10	16.83	51.12	33.62	7.85	8.01	7.3	2.935	99.2	3.5	0.8
1075	6/14/2015 20:01:11	16.68	51.08	33.58	7.87	8.01	7.7	3.036	99.2	3.5	0.8
1076	6/14/2015 20:16:11	16.23	51.09	33.58	7.92	8.01	9.6	3.129	98.9	3.9	0.9
1077	6/14/2015 20:31:11	15.49	50.99	33.50	8.01	8.00	10.1	3.229	98.5	4.1	1.0
1078	6/14/2015 20:46:11	14.97	51.01	33.50	8.12	8.00	10.3	3.336	98.8	4.2	1.0
1079	6/14/2015 21:01:10	14.18	50.92	33.41	8.23	7.99	10.9	3.436	98.5	5.2	1.2
1080	6/14/2015 21:16:10	13.72	50.94	33.41	8.30	7.98	10.4	3.543	98.5	5.4	1.3
1081	6/14/2015 21:31:10	13.21	50.88	33.35	8.37	7.97	10.9	3.640	98.2	5.8	1.4
1082	6/14/2015 21:46:11	12.98	50.99	33.42	8.41	7.97	11.8	3.731	98.2	6.9	1.6
1083	6/14/2015 22:01:11	12.72	50.96	33.39	8.44	7.97	11.3	3.820	98.0	6.6	1.6
1084	6/14/2015 22:16:11	12.55	50.98	33.39	8.42	7.97	9.7	3.898	97.5	6.7	1.6
1085	6/14/2015 22:31:11	12.50	50.96	33.38	8.40	7.97	7.2	3.953	97.2	6.2	1.5
1086	6/14/2015 22:46:11	12.45	50.96	33.38	8.37	7.97	5.9	4.006	96.7	5.5	1.3
1087	6/14/2015 23:01:10	12.36	50.99	33.39	8.32	7.97	4.5	4.036	96.0	6.3	1.5
1088	6/14/2015 23:16:11	12.35	50.99	33.40	8.12	7.95	3.7	4.040	93.6	4.5	1.0
1089	6/14/2015 23:31:11	12.80	50.96	33.39	8.09	7.96	10.3	4.009	94.2	5.9	1.4
1090	6/14/2015 23:46:11	12.60	51.00	33.41	8.21	7.96	7.4	3.972	95.1	4.8	1.1
1091	6/15/2015 00:01:11	12.83	50.93	33.37	8.20	7.96	7.0	3.904	95.5	4.7	1.1
1092	6/15/2015 00:16:11	12.60	50.96	33.38	8.21	7.96	8.5	3.805	95.1	5.2	1.2
1093	6/15/2015 00:31:11	12.84	50.99	33.42	8.15	7.96	6.4	3.701	95.0	4.9	1.2
1094	6/15/2015 00:46:12	13.94	51.02	33.47	7.92	7.97	7.3	3.590	94.4	4.3	1.0
1095	6/15/2015 01:01:11	15.21	51.08	33.55	7.86	8.00	12.6	3.469	96.2	4.1	1.0
1096	6/15/2015 01:16:11	15.20	51.08	33.56	7.86	8.00	9.8	3.344	96.2	3.6	0.8
1097	6/15/2015 01:31:11	15.26	51.07	33.55	7.81	7.99	9.2	3.224	95.6	3.9	0.9
1098	6/15/2015 01:46:11	15.55	51.03	33.53	7.74	7.99	7.6	3.096	95.3	3.1	0.7
1099	6/15/2015 02:01:11	15.94	51.08	33.57	7.63	7.99	7.9	2.964	94.7	3.4	0.8
1100	6/15/2015 02:16:11	16.53	51.16	33.64	7.56	8.00	8.8	2.821	94.9	3.4	0.8
1101	6/15/2015 02:31:11	16.49	51.21	33.68	7.51	7.99	9.1	2.688	94.3	3.4	0.8
1102	6/15/2015 02:46:11	16.96	51.16	33.65	7.43	7.99	10.4	2.545	94.1	3.7	0.9
1103	6/15/2015 03:01:11	16.12	51.21	33.67	7.37	7.97	10.8	2.401	91.9	3.7	0.9
1104	6/15/2015 03:16:11	17.01	51.35	33.79	7.38	7.99	11.7	2.272	93.7	3.6	0.8
1105	6/15/2015 03:31:12	16.85	51.33	33.77	7.38	7.98	12.5	2.109	93.3	3.7	0.9
1106	6/15/2015 03:46:11	17.25	51.44	33.86	7.45	8.00	14.5	1.952	95.1	3.9	0.9
1107	6/15/2015 04:01:11	17.40	51.32	33.77	7.41	7.99	13.9	1.817	94.8	3.7	0.9
1108	6/15/2015 04:16:11	17.70	51.37	33.81	7.34	7.99	14.2	1.667	94.5	4.1	1.0
1109	6/15/2015 04:31:11	17.93	51.44	33.87	7.30	7.99	12.5	1.512	94.3	3.8	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1110	6/15/2015 04:46:11	18.24	51.45	33.87	7.21	7.99	12.1	1.389	93.8	3.4	0.8
1111	6/15/2015 05:01:11	18.25	51.48	33.90	7.10	7.98	11.4	1.267	92.3	4.4	1.0
1112	6/15/2015 05:16:11	18.31	51.45	33.87	7.01	7.97	10.6	1.176	91.2	3.4	0.8
1113	6/15/2015 05:31:10	18.44	51.52	33.93	6.96	7.97	9.8	1.111	90.8	3.2	0.8
1114	6/15/2015 05:46:11	18.37	51.47	33.89	6.66	7.95	8.7	1.061	86.8	3.5	0.8
1115	6/15/2015 06:01:10	18.46	51.42	33.85	6.97	7.97	8.6	1.114	90.9	3.3	0.8
1116	6/15/2015 06:16:10	18.75	51.54	33.94	7.11	7.99	7.8	1.149	93.3	3.3	0.8
1117	6/15/2015 06:31:10	18.74	51.57	33.96	7.13	7.99	7.8	1.213	93.6	3.1	0.7
1118	6/15/2015 06:46:10	19.20	51.61	33.99	7.31	8.01	8.3	1.318	96.8	3.3	0.8
1119	6/15/2015 07:01:10	19.09	51.59	33.98	7.34	8.01	8.0	1.403	97.0	3.2	0.8
1120	6/15/2015 07:16:10	19.01	51.56	33.96	7.08	7.98	9.7	1.489	93.4	3.3	0.8
1121	6/15/2015 07:31:10	19.04	51.29	33.76	6.88	7.96	10.5	1.577	90.7	3.2	0.7
1122	6/15/2015 07:46:10	18.93	51.56	33.95	7.06	7.98	10.6	1.678	93.0	3.4	0.8
1123	6/15/2015 08:01:11	18.73	51.54	33.94	7.11	7.98	9.3	1.760	93.3	2.7	0.6
1124	6/15/2015 08:16:11	18.62	51.45	33.88	7.12	7.98	8.9	1.851	93.1	2.7	0.6
1125	6/15/2015 08:31:11	18.58	51.43	33.86	7.13	7.98	8.9	1.946	93.2	2.8	0.7
1126	6/15/2015 08:46:11	18.24	51.35	33.80	7.17	7.98	8.9	2.056	93.1	3.1	0.7
1127	6/15/2015 09:01:11	17.94	51.31	33.77	7.12	7.97	8.0	2.157	92.0	2.7	0.6
1128	6/15/2015 09:16:10	17.75	51.37	33.81	7.09	7.96	7.2	2.258	91.2	2.1	0.5
1129	6/15/2015 09:31:10	17.63	51.24	33.71	7.06	7.96	8.7	2.365	90.7	2.4	0.6
1130	6/15/2015 09:46:11	17.38	51.21	33.69	7.11	7.96	8.9	2.473	90.9	3.0	0.7
1131	6/15/2015 10:01:10	17.18	51.19	33.67	7.17	7.96	9.3	2.569	91.3	3.0	0.7
1132	6/15/2015 10:16:11	17.06	51.16	33.65	7.18	7.96	9.4	2.665	91.1	2.7	0.6
1133	6/15/2015 10:31:11	16.82	51.22	33.69	7.22	7.96	12.2	2.764	91.2	2.8	0.7
1134	6/15/2015 10:46:11	16.29	51.14	33.63	7.34	7.96	11.1	2.851	91.8	3.1	0.7
1135	6/15/2015 11:01:11	15.88	51.11	33.60	7.43	7.96	9.5	2.941	92.1	2.9	0.7
1136	6/15/2015 11:16:11	15.27	51.12	33.59	7.55	7.96	10.8	3.024	92.6	3.7	0.9
1137	6/15/2015 11:31:10	14.85	51.01	33.50	7.65	7.97	11.5	3.105	92.9	4.0	0.9
1138	6/15/2015 11:46:11	14.63	50.95	33.45	7.69	7.97	12.0	3.182	93.0	4.0	0.9
1139	6/15/2015 12:01:11	14.39	51.03	33.50	7.70	7.97	13.7	3.247	92.7	3.6	0.8
1140	6/15/2015 12:16:11	14.13	51.05	33.50	7.68	7.97	8.9	3.303	92.0	2.8	0.7
1141	6/15/2015 12:31:11	13.97	50.97	33.44	7.63	7.96	7.0	3.344	90.9	3.6	0.8
1142	6/15/2015 12:46:11	13.80	51.04	33.49	7.52	7.95	5.6	3.368	89.4	3.1	0.7
1143	6/15/2015 13:01:11	13.75	51.06	33.50	7.24	7.94	4.9	3.362	86.0	2.6	0.6
1144	6/15/2015 13:16:11	14.09	51.12	33.56	7.44	7.95	7.4	3.337	89.0	2.8	0.7
1145	6/15/2015 13:31:11	14.06	50.96	33.44	7.41	7.95	6.7	3.299	88.5	3.0	0.7
1146	6/15/2015 13:46:11	14.63	50.96	33.45	7.49	7.97	8.1	3.218	90.5	3.1	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1147	6/15/2015 14:01:11	14.83	51.03	33.51	7.66	7.97	9.2	3.142	93.0	3.1	0.7
1148	6/15/2015 14:16:11	14.90	51.03	33.51	7.71	7.98	7.2	3.066	93.8	2.7	0.6
1149	6/15/2015 14:31:11	15.37	51.06	33.55	7.68	7.98	8.1	2.972	94.3	2.8	0.7
1150	6/15/2015 14:46:11	16.05	51.16	33.64	7.53	7.98	9.6	2.878	93.7	3.2	0.8
1151	6/15/2015 15:01:10	16.44	51.14	33.62	7.46	7.98	8.6	2.800	93.5	2.6	0.6
1152	6/15/2015 15:16:10	16.50	51.24	33.70	7.57	7.98	9.4	2.721	95.1	3.4	0.8
1153	6/15/2015 15:31:11	16.34	51.25	33.71	7.91	8.00	8.1	2.641	99.1	3.0	0.7
1154	6/15/2015 15:46:10	16.74	51.15	33.64	7.92	8.00	8.7	2.562	99.8	3.0	0.7
1155	6/15/2015 16:01:10	16.69	51.26	33.72	8.04	8.02	8.6	2.482	101.3	3.2	0.7
1156	6/15/2015 16:16:10	17.08	51.24	33.71	7.97	8.01	9.0	2.427	101.3	3.2	0.7
1157	6/15/2015 16:31:10	17.32	51.22	33.69	7.89	8.01	8.9	2.368	100.7	3.4	0.8
1158	6/15/2015 16:46:10	17.28	51.24	33.71	7.97	8.01	10.1	2.298	101.7	3.5	0.8
1159	6/15/2015 17:01:10	17.24	51.23	33.70	8.07	8.02	8.9	2.263	102.8	3.0	0.7
1160	6/15/2015 17:16:11	17.33	51.25	33.72	7.97	8.01	9.8	2.219	101.7	2.9	0.7
1161	6/15/2015 17:31:10	17.55	51.24	33.71	7.61	8.00	7.3	2.204	97.6	3.7	0.9
1162	6/15/2015 17:46:10	17.69	51.31	33.77	7.47	7.99	6.2	2.200	96.0	3.6	0.8
1163	6/15/2015 18:01:11	17.66	51.24	33.71	7.79	8.01	7.3	2.211	100.0	3.4	0.8
1164	6/15/2015 18:16:11	17.76	51.37	33.81	7.65	8.00	7.2	2.240	98.5	3.3	0.8
1165	6/15/2015 18:31:11	17.77	51.31	33.77	7.62	8.00	7.9	2.296	98.1	3.7	0.9
1166	6/15/2015 18:46:11	17.97	51.29	33.75	7.53	8.00	7.3	2.355	97.3	3.5	0.8
1167	6/15/2015 19:01:11	17.86	51.39	33.82	7.47	7.99	8.1	2.420	96.4	3.5	0.8
1168	6/15/2015 19:16:11	17.78	51.28	33.74	7.49	7.99	7.4	2.520	96.5	3.6	0.9
1169	6/15/2015 19:31:11	17.38	51.24	33.71	7.53	7.98	8.3	2.600	96.1	3.7	0.9
1170	6/15/2015 19:46:11	17.16	51.19	33.67	7.59	7.99	7.8	2.682	96.5	3.4	0.8
1171	6/15/2015 20:01:10	17.07	51.14	33.63	7.57	7.98	7.2	2.773	96.0	3.5	0.8
1172	6/15/2015 20:16:11	16.45	51.18	33.66	7.48	7.97	9.3	2.861	93.8	3.2	0.8
1173	6/15/2015 20:31:10	16.02	51.04	33.54	7.47	7.96	8.5	2.956	92.8	3.6	0.9
1174	6/15/2015 20:46:11	15.69	51.09	33.58	7.40	7.96	8.7	3.046	91.5	3.8	0.9
1175	6/15/2015 21:01:11	15.29	51.10	33.57	7.42	7.96	9.0	3.138	90.9	3.3	0.8
1176	6/15/2015 21:16:11	14.70	51.03	33.51	7.40	7.95	12.0	3.241	89.6	4.3	1.0
1177	6/15/2015 21:31:11	14.15	50.99	33.47	7.39	7.94	12.0	3.341	88.5	3.3	0.8
1178	6/15/2015 21:46:11	13.31	50.97	33.42	7.36	7.93	11.4	3.447	86.5	3.9	0.9
1179	6/15/2015 22:01:10	12.80	50.86	33.32	7.27	7.92	12.6	3.543	84.5	4.6	1.1
1180	6/15/2015 22:16:10	12.32	51.02	33.41	7.23	7.91	13.5	3.645	83.4	7.3	1.7
1181	6/15/2015 22:31:11	11.96	51.06	33.43	7.25	7.90	13.2	3.737	82.9	4.8	1.1
1182	6/15/2015 22:46:11	11.71	50.92	33.31	7.30	7.90	11.2	3.816	83.0	5.8	1.4
1183	6/15/2015 23:01:11	11.58	50.99	33.36	7.28	7.90	8.5	3.894	82.6	4.7	1.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1184	6/15/2015 23:16:10	11.51	50.92	33.30	7.24	7.90	4.8	3.948	82.0	4.6	1.1
1185	6/15/2015 23:31:11	11.44	51.10	33.43	7.20	7.90	3.7	3.994	81.5	4.4	1.0
1186	6/15/2015 23:46:10	11.47	50.95	33.32	7.15	7.90	3.5	4.020	80.9	5.8	1.4
1187	6/16/2015 00:01:11	11.82	51.13	33.47	7.06	7.90	5.1	4.009	80.6	3.5	0.8
1188	6/16/2015 00:16:11	11.57	51.00	33.36	7.16	7.90	5.5	4.002	81.2	3.9	0.9
1189	6/16/2015 00:31:11	11.69	50.92	33.31	7.14	7.90	6.1	3.944	81.1	4.0	0.9
1190	6/16/2015 00:46:10	11.83	50.89	33.29	7.13	7.90	6.6	3.867	81.2	4.0	0.9
1191	6/16/2015 01:01:11	11.64	51.09	33.43	7.15	7.90	7.2	3.788	81.3	4.0	0.9
1192	6/16/2015 01:16:11	11.75	50.95	33.33	7.21	7.90	6.2	3.673	82.0	4.2	1.0
1193	6/16/2015 01:31:11	12.85	51.07	33.48	7.05	7.91	7.5	3.550	82.2	4.4	1.0
1194	6/16/2015 01:46:11	13.98	51.01	33.47	7.15	7.94	11.7	3.440	85.3	3.5	0.8
1195	6/16/2015 02:01:11	14.01	51.02	33.48	7.15	7.94	10.8	3.309	85.4	3.4	0.8
1196	6/16/2015 02:16:11	14.30	51.11	33.56	7.13	7.94	11.0	3.175	85.7	3.1	0.7
1197	6/16/2015 02:31:11	14.23	51.12	33.56	7.10	7.93	8.9	3.058	85.1	3.3	0.8
1198	6/16/2015 02:46:11	15.39	51.15	33.62	7.03	7.95	9.5	2.916	86.3	3.7	0.9
1199	6/16/2015 03:01:11	15.42	51.21	33.66	6.97	7.94	10.1	2.773	85.7	3.1	0.7
1200	6/16/2015 03:16:11	15.44	51.21	33.66	6.81	7.92	11.0	2.633	83.7	2.9	0.7
1201	6/16/2015 03:31:11	16.16	51.24	33.70	6.84	7.94	13.3	2.480	85.3	3.1	0.7
1202	6/16/2015 03:46:11	15.66	51.29	33.73	6.88	7.93	14.2	2.332	85.0	3.4	0.8
1203	6/16/2015 04:01:11	15.72	51.06	33.55	6.86	7.93	11.9	2.194	84.8	3.3	0.8
1204	6/16/2015 04:16:11	15.64	51.17	33.63	6.86	7.93	11.5	2.031	84.6	3.3	0.8
1205	6/16/2015 04:31:11	16.09	51.34	33.77	6.82	7.93	13.4	1.883	85.1	3.1	0.7
1206	6/16/2015 04:46:11	16.45	51.27	33.72	6.78	7.94	12.5	1.721	85.0	2.7	0.6
1207	6/16/2015 05:01:11	16.80	51.38	33.81	6.74	7.94	13.7	1.560	85.2	3.6	0.8
1208	6/16/2015 05:16:11	16.90	51.31	33.76	6.67	7.93	12.3	1.419	84.5	3.8	0.9
1209	6/16/2015 05:31:11	17.04	51.47	33.88	6.62	7.93	13.2	1.280	84.1	3.8	0.9
1210	6/16/2015 05:46:11	17.04	51.31	33.76	6.56	7.93	11.4	1.150	83.2	2.9	0.7
1211	6/16/2015 06:01:10	17.07	51.39	33.82	6.51	7.92	11.4	1.057	82.7	3.5	0.8
1212	6/16/2015 06:16:10	17.21	51.50	33.90	6.30	7.91	8.2	0.988	80.3	3.4	0.8
1213	6/16/2015 06:31:10	17.09	51.46	33.87	6.50	7.92	12.0	0.990	82.6	3.2	0.8
1214	6/16/2015 06:46:11	17.04	51.41	33.84	6.52	7.92	8.6	1.045	82.8	3.0	0.7
1215	6/16/2015 07:01:11	17.24	51.38	33.81	6.57	7.93	8.7	1.115	83.8	2.5	0.6
1216	6/16/2015 07:16:11	17.30	51.45	33.86	6.58	7.93	8.1	1.218	84.0	3.6	0.8
1217	6/16/2015 07:31:11	17.38	51.50	33.91	6.58	7.93	8.6	1.309	84.1	3.1	0.7
1218	6/16/2015 07:46:11	17.31	51.52	33.91	6.58	7.93	8.7	1.390	84.0	3.0	0.7
1219	6/16/2015 08:01:10	17.36	51.50	33.90	6.58	7.93	8.9	1.464	84.1	3.8	0.9
1220	6/16/2015 08:16:10	17.38	51.46	33.87	6.53	7.92	9.8	1.548	83.5	3.4	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1221	6/16/2015 08:31:11	17.36	51.45	33.87	6.54	7.92	10.3	1.627	83.6	3.6	0.8
1222	6/16/2015 08:46:11	17.18	51.45	33.87	6.62	7.93	9.1	1.720	84.3	3.6	0.9
1223	6/16/2015 09:01:10	17.19	51.37	33.80	6.65	7.93	17.0	1.810	84.7	2.8	0.6
1224	6/16/2015 09:16:11	17.21	51.48	33.89	6.64	7.93	8.7	1.908	84.7	3.0	0.7
1225	6/16/2015 09:31:11	17.17	51.43	33.85	6.67	7.93	19.4	2.017	84.9	3.1	0.7
1226	6/16/2015 09:46:11	17.12	51.33	33.77	6.66	7.93	28.6	2.119	84.6	3.0	0.7
1227	6/16/2015 10:01:11	16.95	51.40	33.83	6.68	7.93	10.0	2.237	84.6	3.0	0.7
1228	6/16/2015 10:16:11	16.72	51.22	33.69	6.69	7.92	9.8	2.348	84.4	2.6	0.6
1229	6/16/2015 10:31:11	16.51	51.32	33.76	6.71	7.92	10.0	2.459	84.3	2.8	0.7
1230	6/16/2015 10:46:11	16.28	51.24	33.70	6.75	7.92	10.8	2.565	84.4	2.7	0.6
1231	6/16/2015 11:01:11	16.11	51.23	33.69	6.75	7.92	11.5	2.666	84.2	2.7	0.6
1232	6/16/2015 11:16:11	15.96	51.16	33.63	6.77	7.92	13.5	2.760	84.1	2.5	0.6
1233	6/16/2015 11:31:11	15.43	51.18	33.63	6.86	7.92	14.8	2.852	84.3	2.9	0.7
1234	6/16/2015 11:46:11	14.96	51.14	33.60	6.95	7.92	12.5	2.946	84.6	3.1	0.7
1235	6/16/2015 12:01:11	14.37	51.03	33.50	7.04	7.92	12.7	3.029	84.6	2.9	0.7
1236	6/16/2015 12:16:11	14.02	51.03	33.49	7.09	7.92	18.3	3.106	84.6	3.3	0.8
1237	6/16/2015 12:31:11	13.70	51.05	33.49	7.15	7.92	17.0	3.184	84.9	4.0	0.9
1238	6/16/2015 12:46:11	13.45	50.95	33.41	7.17	7.92	14.5	3.253	84.6	3.8	0.9
1239	6/16/2015 13:01:11	13.19	50.96	33.41	7.11	7.91	9.3	3.313	83.4	3.4	0.8
1240	6/16/2015 13:16:11	12.83	50.99	33.41	7.05	7.91	6.5	3.352	82.1	3.8	0.9
1241	6/16/2015 13:31:11	12.69	51.05	33.46	6.98	7.90	7.7	3.383	81.0	2.7	0.6
1242	6/16/2015 13:46:11	12.71	50.97	33.39	6.72	7.89	10.0	3.384	78.1	3.2	0.8
1243	6/16/2015 14:01:11	13.12	50.85	33.32	6.83	7.90	6.1	3.370	80.0	2.7	0.6
1244	6/16/2015 14:16:11	12.97	51.00	33.43	6.89	7.90	23.5	3.323	80.4	3.1	0.7
1245	6/16/2015 14:31:11	13.39	51.03	33.47	6.94	7.91	7.8	3.264	81.8	3.0	0.7
1246	6/16/2015 14:46:11	13.90	51.00	33.46	7.10	7.93	10.8	3.190	84.6	3.2	0.8
1247	6/16/2015 15:01:11	14.00	51.00	33.47	7.30	7.93	7.2	3.107	87.1	2.3	0.5
1248	6/16/2015 15:16:11	14.40	51.06	33.52	7.35	7.94	7.2	3.019	88.5	2.6	0.6
1249	6/16/2015 15:31:11	15.45	51.12	33.59	7.26	7.95	10.3	2.919	89.3	2.8	0.7
1250	6/16/2015 15:46:11	15.93	51.20	33.66	7.34	7.96	8.3	2.847	91.1	2.9	0.7
1251	6/16/2015 16:01:11	16.15	51.17	33.64	7.35	7.96	7.6	2.765	91.7	2.7	0.6
1252	6/16/2015 16:16:11	16.55	51.24	33.70	7.36	7.96	8.6	2.670	92.5	2.6	0.6
1253	6/16/2015 16:31:10	16.91	51.20	33.68	7.44	7.97	8.2	2.597	94.2	2.7	0.6
1254	6/16/2015 16:46:10	17.01	51.20	33.68	7.49	7.97	9.4	2.524	95.0	2.3	0.5
1255	6/16/2015 17:01:11	17.11	51.32	33.77	7.52	7.97	7.2	2.458	95.6	2.7	0.6
1256	6/16/2015 17:16:11	17.16	51.24	33.71	7.57	7.98	6.8	2.387	96.3	3.0	0.7
1257	6/16/2015 17:31:11	17.15	51.35	33.79	7.55	7.98	7.3	2.318	96.1	3.1	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1258	6/16/2015 17:46:10	17.14	51.21	33.69	7.64	7.98	6.8	2.278	97.1	2.6	0.6
1259	6/16/2015 18:01:10	17.08	51.18	33.67	7.53	7.98	6.4	2.247	95.6	2.6	0.6
1260	6/16/2015 18:16:10	17.08	51.21	33.68	7.59	7.97	6.1	2.206	96.4	2.8	0.7
1261	6/16/2015 18:31:11	17.16	51.22	33.69	7.46	7.99	6.4	2.208	94.8	3.4	0.8
1262	6/16/2015 18:46:11	17.04	51.27	33.73	7.91	7.99	6.4	2.225	100.4	2.5	0.6
1263	6/16/2015 19:01:11	17.13	51.29	33.75	7.81	7.99	6.4	2.246	99.3	2.5	0.6
1264	6/16/2015 19:16:11	17.17	51.31	33.76	7.72	7.98	6.5	2.293	98.3	3.1	0.7
1265	6/16/2015 19:31:11	17.30	51.28	33.74	7.62	7.98	6.7	2.341	97.1	3.2	0.8
1266	6/16/2015 19:46:10	17.24	51.29	33.75	7.56	7.97	7.3	2.432	96.4	2.9	0.7
1267	6/16/2015 20:01:11	17.39	51.30	33.76	7.56	7.97	8.6	2.507	96.6	3.7	0.9
1268	6/16/2015 20:16:11	16.94	51.18	33.66	7.55	7.96	9.3	2.585	95.5	3.2	0.8
1269	6/16/2015 20:31:10	16.72	51.08	33.58	7.53	7.96	7.6	2.677	95.0	3.1	0.7
1270	6/16/2015 20:46:10	16.48	51.21	33.68	7.48	7.96	8.6	2.759	93.9	3.1	0.7
1271	6/16/2015 21:01:10	15.69	51.07	33.56	7.26	7.93	9.4	2.847	89.7	3.3	0.8
1272	6/16/2015 21:16:11	15.23	51.02	33.51	7.20	7.93	8.6	2.930	88.1	3.3	0.8
1273	6/16/2015 21:31:11	14.97	50.98	33.48	7.14	7.92	8.3	3.031	86.8	3.5	0.8
1274	6/16/2015 21:46:11	14.65	50.99	33.48	7.16	7.92	8.4	3.124	86.6	3.4	0.8
1275	6/16/2015 22:01:11	14.13	51.03	33.49	7.14	7.92	9.8	3.212	85.4	3.4	0.8
1276	6/16/2015 22:16:11	13.69	51.04	33.48	7.12	7.91	10.1	3.314	84.4	3.6	0.8
1277	6/16/2015 22:31:11	13.02	51.03	33.45	7.20	7.91	11.7	3.412	84.2	4.2	1.0
1278	6/16/2015 22:46:11	12.62	51.02	33.43	7.19	7.91	11.5	3.510	83.3	5.2	1.2
1279	6/16/2015 23:01:11	12.25	50.89	33.32	7.31	7.91	10.5	3.599	84.1	5.3	1.2
1280	6/16/2015 23:16:11	11.99	50.96	33.35	7.38	7.92	9.2	3.683	84.4	5.2	1.2
1281	6/16/2015 23:31:11	11.81	50.94	33.33	7.49	7.92	8.0	3.768	85.3	6.3	1.5
1282	6/16/2015 23:46:11	11.74	50.97	33.35	7.56	7.93	5.3	3.837	86.1	5.6	1.3
1283	6/17/2015 00:01:11	11.75	51.06	33.42	7.62	7.94	4.7	3.883	86.8	7.7	1.8
1284	6/17/2015 00:16:11	11.84	50.92	33.32	7.58	7.94	4.0	3.928	86.4	6.8	1.6
1285	6/17/2015 00:31:10	11.83	50.82	33.24	7.39	7.93	3.6	3.946	84.2	8.0	1.9
1286	6/17/2015 00:46:11	11.98	50.82	33.25	7.45	7.93	5.3	3.937	85.1	4.8	1.1
1287	6/17/2015 01:01:11	11.79	50.97	33.35	7.62	7.94	9.3	3.910	86.8	5.0	1.2
1288	6/17/2015 01:16:11	12.30	51.02	33.41	7.21	7.91	12.6	3.854	83.0	3.8	0.9
1289	6/17/2015 01:31:11	12.14	50.94	33.35	7.15	7.91	10.8	3.782	82.1	4.7	1.1
1290	6/17/2015 01:46:11	12.21	50.99	33.39	7.32	7.92	15.1	3.685	84.2	5.6	1.3
1291	6/17/2015 02:01:11	12.07	50.92	33.33	7.35	7.92	5.5	3.581	84.2	5.2	1.2
1292	6/17/2015 02:16:11	13.60	51.10	33.53	7.01	7.92	9.2	3.470	83.0	3.2	0.8
1293	6/17/2015 02:31:10	13.63	51.11	33.53	7.13	7.92	10.6	3.354	84.4	3.9	0.9
1294	6/17/2015 02:46:11	13.61	50.97	33.43	7.07	7.92	10.4	3.232	83.7	3.1	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
1295	6/17/2015 03:01:11	13.61	51.05	33.49	7.07	7.92	11.1	3.109	83.7	3.1	0.7
1296	6/17/2015 03:16:11	13.97	51.17	33.59	7.00	7.91	15.3	2.980	83.5	2.7	0.6
1297	6/17/2015 03:31:11	14.67	51.12	33.58	6.91	7.92	13.7	2.849	83.6	2.9	0.7
1298	6/17/2015 03:46:11	15.23	51.13	33.59	6.87	7.92	13.8	2.707	84.1	2.5	0.6
1299	6/17/2015 04:01:11	15.12	51.17	33.62	6.80	7.91	17.0	2.573	83.0	2.9	0.7
1300	6/17/2015 04:16:11	15.33	51.20	33.65	6.86	7.92	13.8	2.418	84.1	3.4	0.8
1301	6/17/2015 04:31:11	15.36	51.19	33.64	6.87	7.92	15.0	2.268	84.3	2.9	0.7
1302	6/17/2015 04:46:11	15.06	51.20	33.65	6.89	7.91	14.2	2.122	84.0	3.1	0.7
1303	6/17/2015 05:01:11	15.70	51.30	33.73	6.87	7.93	15.0	1.967	84.9	2.8	0.7
1304	6/17/2015 05:16:11	15.87	51.36	33.78	6.90	7.92	15.6	1.805	85.6	3.3	0.8
1305	6/17/2015 05:31:11	16.14	51.29	33.73	6.85	7.92	13.9	1.664	85.5	3.5	0.8
1306	6/17/2015 05:46:11	16.14	51.32	33.75	6.79	7.91	12.5	1.506	84.6	2.4	0.6
1307	6/17/2015 06:01:11	16.29	51.25	33.70	6.75	7.91	11.3	1.346	84.5	2.7	0.6
1308	6/17/2015 06:16:11	16.56	51.37	33.80	6.72	7.91	10.6	1.234	84.5	2.2	0.5
1309	6/17/2015 06:31:11	16.63	51.40	33.82	6.69	7.91	9.7	1.108	84.3	2.7	0.6
1310	6/17/2015 06:46:10	16.64	51.34	33.77	6.62	7.91	8.2	1.001	83.4	3.0	0.7
1311	6/17/2015 07:01:11	16.60	51.43	33.84	6.41	7.89	6.8	0.959	80.8	2.9	0.7
1312	6/17/2015 07:16:11	16.59	51.42	33.84	6.65	7.91	8.3	0.970	83.7	2.3	0.5
1313	6/17/2015 07:31:11	16.81	51.42	33.84	6.70	7.92	7.8	1.015	84.7	2.6	0.6
1314	6/17/2015 07:46:11	16.75	51.36	33.80	6.72	7.91	8.1	1.108	84.9	2.8	0.7
1315	6/17/2015 08:01:10	17.02	51.46	33.87	6.80	7.93	8.2	1.196	86.4	3.1	0.7
1316	6/17/2015 08:16:10	17.18	51.53	33.92	6.90	7.94	8.4	1.294	87.9	3.1	0.7
1317	6/17/2015 08:31:10	17.16	51.47	33.88	6.97	7.94	8.7	1.376	88.7	3.0	0.7
1318	6/17/2015 08:46:10	17.26	51.32	33.77	6.69	7.90	12.0	1.445	85.3	3.7	0.9
1319	6/17/2015 09:01:10	17.27	51.28	33.74	6.59	7.89	12.3	1.529	84.0	3.6	0.9
1320	6/17/2015 09:16:11	17.19	51.38	33.81	6.64	7.90	11.2	1.630	84.6	3.8	0.9
1321	6/17/2015 09:31:11	17.05	51.36	33.80	6.75	7.91	10.9	1.702	85.8	3.1	0.7
1322	6/17/2015 09:46:11	17.00	51.42	33.84	6.78	7.91	9.9	1.808	86.0	3.0	0.7
1323	6/17/2015 10:01:11	16.93	51.38	33.81	6.81	7.92	10.3	1.901	86.3	2.9	0.7
1324	6/17/2015 10:16:11	16.71	51.41	33.83	6.82	7.92	10.0	2.017	86.1	2.6	0.6
1325	6/17/2015 10:31:11	16.44	51.34	33.77	6.79	7.91	9.8	2.130	85.2	2.2	0.5
1326	6/17/2015 10:46:11	16.36	51.32	33.76	6.78	7.91	8.4	2.229	85.0	2.5	0.6
1327	6/17/2015 11:01:11	16.26	51.28	33.72	6.76	7.90	9.0	2.350	84.6	2.4	0.6
1328	6/17/2015 11:16:11	16.04	51.28	33.72	6.75	7.90	10.3	2.456	84.0	2.4	0.6
1329	6/17/2015 11:31:12	15.84	51.21	33.67	6.77	7.90	10.9	2.564	84.0	2.8	0.7
1330	6/17/2015 11:46:11	15.65	51.17	33.64	6.77	7.90	9.9	2.658	83.6	2.8	0.7
1331	6/17/2015 12:01:11	15.46	51.19	33.64	6.80	7.90	12.2	2.757	83.6	2.6	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1332	6/17/2015 12:16:11	14.91	51.06	33.54	6.92	7.90	13.1	2.853	84.2	2.7	0.6
1333	6/17/2015 12:31:10	14.48	51.03	33.50	7.00	7.90	11.7	2.937	84.4	3.4	0.8
1334	6/17/2015 12:46:11	14.02	50.99	33.46	7.14	7.91	10.6	3.028	85.2	3.5	0.8
1335	6/17/2015 13:01:11	13.77	50.94	33.41	7.22	7.91	13.6	3.098	85.7	4.1	1.0
1336	6/17/2015 13:16:10	13.45	50.92	33.39	7.39	7.93	12.3	3.180	87.2	4.0	0.9
1337	6/17/2015 13:31:10	13.19	50.87	33.34	7.48	7.93	11.0	3.246	87.8	4.2	1.0
1338	6/17/2015 13:46:11	13.05	50.92	33.37	7.43	7.93	8.8	3.297	87.0	4.7	1.1
1339	6/17/2015 14:01:10	12.86	50.77	33.25	7.37	7.92	5.9	3.353	85.8	5.1	1.2
1340	6/17/2015 14:16:11	12.65	50.94	33.37	7.27	7.91	4.8	3.370	84.4	4.5	1.1
1341	6/17/2015 14:31:11	12.67	50.96	33.39	6.94	7.90	4.2	3.375	80.5	3.5	0.8
1342	6/17/2015 14:46:11	13.05	50.93	33.38	7.16	7.91	5.2	3.362	83.7	3.4	0.8
1343	6/17/2015 15:01:11	12.89	50.85	33.32	7.20	7.91	4.7	3.316	83.9	3.4	0.8
1344	6/17/2015 15:31:11	13.70	51.10	33.53	7.34	7.93	7.0	3.186	87.1	4.0	1.0
1345	6/17/2015 15:46:11	13.94	51.03	33.49	7.60	7.94	6.4	3.104	90.5	3.6	0.8
1346	6/17/2015 16:01:11	14.26	51.07	33.53	7.65	7.95	6.1	3.013	91.8	3.3	0.8
1347	6/17/2015 16:16:10	15.24	51.09	33.57	7.61	7.95	8.3	2.931	93.1	3.4	0.8
1348	6/17/2015 16:31:10	15.56	51.20	33.65	7.72	7.97	8.6	2.835	95.2	2.4	0.6
1349	6/17/2015 16:46:10	15.90	51.24	33.69	7.75	7.97	8.2	2.741	96.2	3.2	0.7
1350	6/17/2015 17:01:11	16.37	51.22	33.69	7.83	7.98	8.8	2.681	98.1	2.5	0.6
1351	6/17/2015 17:16:11	16.71	51.31	33.76	7.94	7.99	8.2	2.594	100.2	2.9	0.7
1352	6/17/2015 17:31:11	16.86	51.31	33.76	8.02	7.99	6.8	2.513	101.5	2.1	0.5
1353	6/17/2015 17:46:11	16.99	51.38	33.81	8.12	8.00	7.0	2.456	103.0	2.3	0.5
1354	6/17/2015 18:01:11	16.97	51.35	33.79	8.33	8.01	7.0	2.377	105.6	2.3	0.5
1355	6/17/2015 18:16:11	16.86	51.29	33.74	8.41	8.01	6.7	2.315	106.3	2.4	0.6
1356	6/17/2015 18:31:11	16.79	51.21	33.68	8.61	8.02	5.3	2.275	108.7	2.7	0.6
1357	6/17/2015 18:46:11	17.04	51.38	33.81	8.51	8.02	5.7	2.222	108.0	2.9	0.7
1358	6/17/2015 19:01:10	17.09	51.29	33.74	8.34	8.01	4.9	2.210	106.0	2.8	0.7
1359	6/17/2015 19:16:11	17.05	51.34	33.78	8.20	8.01	4.5	2.200	104.2	3.1	0.7
1360	6/17/2015 19:31:11	17.47	51.36	33.80	8.30	8.02	5.4	2.207	106.2	3.5	0.8
1361	6/17/2015 19:46:10	17.56	51.43	33.85	8.31	8.01	5.9	2.250	106.7	3.3	0.8
1362	6/17/2015 20:01:11	17.51	51.33	33.78	8.19	8.00	5.9	2.286	104.9	3.2	0.8
1363	6/17/2015 20:16:10	17.51	51.42	33.85	8.12	8.00	6.3	2.347	104.0	3.4	0.8
1364	6/17/2015 20:31:11	17.44	51.30	33.76	7.98	7.98	7.2	2.424	102.1	3.1	0.7
1365	6/17/2015 20:46:11	17.42	51.32	33.77	7.95	7.98	9.2	2.500	101.7	3.1	0.7
1366	6/17/2015 21:01:10	16.96	51.21	33.68	7.91	7.97	7.6	2.582	100.2	3.6	0.8
1367	6/17/2015 21:16:11	16.73	51.29	33.74	7.84	7.97	7.3	2.672	98.9	3.1	0.7
1368	6/17/2015 21:31:11	16.09	51.21	33.67	7.69	7.95	8.4	2.752	95.8	3.7	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1369	6/17/2015 21:46:11	15.45	51.09	33.57	7.46	7.93	8.2	2.833	91.7	3.2	0.8
1370	6/17/2015 22:01:11	15.15	51.16	33.62	7.39	7.93	8.1	2.918	90.3	4.1	1.0
1371	6/17/2015 22:16:11	14.85	50.95	33.45	7.36	7.92	8.4	2.999	89.3	3.9	0.9
1372	6/17/2015 22:31:10	14.67	51.06	33.53	7.36	7.93	7.7	3.092	89.1	3.7	0.9
1373	6/17/2015 22:46:11	14.20	51.01	33.48	7.35	7.92	7.8	3.178	88.1	3.5	0.8
1374	6/17/2015 23:01:11	13.85	51.06	33.51	7.32	7.92	7.7	3.260	87.1	3.7	0.9
1375	6/17/2015 23:16:11	13.43	50.95	33.41	7.42	7.92	8.9	3.357	87.5	3.2	0.8
1376	6/17/2015 23:31:11	12.86	50.88	33.34	7.46	7.92	9.4	3.445	86.9	4.9	1.2
1377	6/17/2015 23:46:11	12.60	50.95	33.38	7.48	7.92	10.8	3.520	86.7	5.4	1.3
1378	6/18/2015 00:01:11	12.10	51.03	33.41	7.67	7.93	9.1	3.604	88.0	7.4	1.7
1379	6/18/2015 00:16:11	11.97	50.99	33.37	7.74	7.93	7.8	3.683	88.6	7.3	1.7
1380	6/18/2015 00:31:11	11.84	50.91	33.31	7.80	7.94	6.1	3.736	88.9	6.8	1.6
1381	6/18/2015 00:46:11	11.72	50.93	33.32	7.88	7.95	4.8	3.790	89.6	6.9	1.6
1382	6/18/2015 01:01:11	11.68	50.97	33.35	7.88	7.95	3.4	3.832	89.5	7.8	1.8
1383	6/18/2015 01:16:11	11.70	50.97	33.34	7.70	7.94	2.4	3.843	87.5	4.3	1.0
1384	6/18/2015 01:31:11	11.74	50.92	33.31	7.76	7.94	3.4	3.838	88.3	5.0	1.2
1385	6/18/2015 01:46:11	11.83	50.83	33.25	7.76	7.94	4.1	3.814	88.4	5.0	1.2
1386	6/18/2015 02:01:11	12.09	50.97	33.37	7.61	7.93	4.9	3.755	87.2	5.1	1.2
1387	6/18/2015 02:16:11	12.12	50.96	33.36	7.49	7.92	5.5	3.688	85.9	5.0	1.2
1388	6/18/2015 02:31:10	12.21	50.87	33.30	7.52	7.92	5.8	3.592	86.4	5.3	1.2
1389	6/18/2015 02:46:11	12.11	51.00	33.39	7.57	7.93	5.2	3.493	86.8	5.8	1.4
1390	6/18/2015 03:01:10	13.26	51.04	33.47	7.17	7.91	6.7	3.381	84.2	3.7	0.9
1391	6/18/2015 03:16:10	13.79	51.12	33.55	7.28	7.92	8.9	3.264	86.6	7.1	1.7
1392	6/18/2015 03:31:11	13.80	51.11	33.54	7.28	7.92	9.0	3.132	86.6	4.6	1.1
1393	6/18/2015 03:46:11	14.01	51.10	33.54	7.22	7.92	7.8	3.031	86.2	3.3	0.8
1394	6/18/2015 04:01:11	14.70	51.18	33.62	7.06	7.91	7.6	2.899	85.5	3.4	0.8
1395	6/18/2015 04:16:11	15.25	51.19	33.64	6.95	7.91	8.6	2.764	85.2	3.0	0.7
1396	6/18/2015 04:31:11	15.57	51.21	33.67	6.84	7.90	9.7	2.649	84.4	3.2	0.7
1397	6/18/2015 04:46:11	15.44	51.24	33.68	7.06	7.91	9.8	2.504	86.8	3.0	0.7
1398	6/18/2015 05:01:11	15.25	51.16	33.62	7.04	7.91	10.4	2.361	86.2	3.4	0.8
1399	6/18/2015 05:16:11	15.41	51.13	33.60	7.06	7.92	11.5	2.213	86.7	3.8	0.9
1400	6/18/2015 05:31:10	15.25	51.13	33.59	7.00	7.91	10.7	2.068	85.8	2.8	0.7
1401	6/18/2015 05:46:10	15.46	51.24	33.68	7.02	7.91	10.8	1.922	86.4	3.2	0.8
1402	6/18/2015 06:01:10	16.05	51.26	33.70	6.99	7.91	11.9	1.768	87.0	3.1	0.7
1403	6/18/2015 06:16:10	16.05	51.29	33.73	6.93	7.91	12.3	1.609	86.3	2.7	0.6
1404	6/18/2015 06:31:11	16.45	51.33	33.77	6.96	7.91	12.4	1.465	87.3	3.1	0.7
1405	6/18/2015 06:46:11	16.56	51.36	33.79	6.91	7.91	10.9	1.334	86.9	3.0	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1406	6/18/2015 07:01:11	16.43	51.39	33.81	6.84	7.90	8.6	1.207	85.9	2.7	0.6
1407	6/18/2015 07:16:11	16.66	51.42	33.83	6.86	7.90	9.3	1.102	86.4	3.1	0.7
1408	6/18/2015 07:31:11	16.84	51.43	33.85	6.87	7.91	7.9	1.028	86.9	2.2	0.5
1409	6/18/2015 07:46:11	16.75	51.44	33.85	6.78	7.90	8.9	1.004	85.6	2.7	0.6
1410	6/18/2015 08:01:11	17.12	51.51	33.91	6.88	7.92	8.4	1.053	87.6	3.4	0.8
1411	6/18/2015 08:16:11	17.25	51.49	33.89	6.91	7.92	7.7	1.097	88.1	3.2	0.7
1412	6/18/2015 08:31:11	17.37	51.54	33.93	6.96	7.93	8.3	1.183	89.0	3.1	0.7
1413	6/18/2015 08:46:10	17.55	51.56	33.95	7.02	7.93	8.9	1.282	90.1	2.9	0.7
1414	6/18/2015 09:01:10	17.50	51.56	33.95	7.06	7.94	8.3	1.350	90.5	3.6	0.8
1415	6/18/2015 09:16:10	17.48	51.35	33.79	6.88	7.91	10.4	1.421	88.1	3.2	0.8
1416	6/18/2015 09:31:11	17.55	51.31	33.76	6.64	7.89	11.9	1.496	85.1	3.6	0.8
1417	6/18/2015 09:46:11	17.48	51.33	33.78	6.66	7.89	11.8	1.579	85.3	3.0	0.7
1418	6/18/2015 10:01:11	17.30	51.27	33.73	6.84	7.90	10.4	1.680	87.2	3.3	0.8
1419	6/18/2015 10:16:11	17.15	51.29	33.75	6.84	7.90	10.0	1.753	87.0	3.3	0.8
1420	6/18/2015 10:31:11	17.03	51.18	33.67	6.90	7.91	9.1	1.855	87.5	3.2	0.8
1421	6/18/2015 10:46:11	17.00	51.27	33.73	6.93	7.91	9.2	1.970	87.9	2.4	0.6
1422	6/18/2015 11:01:11	16.76	51.25	33.71	6.95	7.91	9.7	2.080	87.7	3.1	0.7
1423	6/18/2015 11:16:11	16.59	51.30	33.75	7.00	7.91	8.7	2.178	88.0	2.6	0.6
1424	6/18/2015 11:31:11	16.42	51.24	33.70	6.96	7.90	8.5	2.287	87.2	2.5	0.6
1425	6/18/2015 11:46:11	16.18	51.16	33.63	6.93	7.90	9.2	2.408	86.5	2.2	0.5
1426	6/18/2015 12:01:11	15.99	51.18	33.65	6.91	7.90	9.8	2.502	85.9	2.6	0.6
1427	6/18/2015 12:16:11	15.82	51.12	33.60	6.97	7.90	11.1	2.598	86.3	2.2	0.5
1428	6/18/2015 12:31:10	15.65	51.07	33.56	6.96	7.90	73.7	2.696	85.9	2.8	0.7
1429	6/18/2015 12:46:11	15.45	51.12	33.60	6.98	7.90	17.5	2.788	85.9	2.7	0.6
1430	6/18/2015 13:01:10	14.98	51.08	33.55	7.09	7.90	12.8	2.876	86.4	2.9	0.7
1431	6/18/2015 13:16:11	14.48	50.99	33.47	7.13	7.90	11.6	2.953	86.0	3.1	0.7
1432	6/18/2015 13:31:11	13.92	51.00	33.46	7.22	7.90	11.3	3.037	86.0	4.3	1.0
1433	6/18/2015 13:46:11	13.63	51.00	33.45	7.31	7.91	9.4	3.119	86.6	4.8	1.1
1434	6/18/2015 14:01:11	13.48	50.93	33.40	7.36	7.91	9.3	3.172	86.9	4.1	1.0
1435	6/18/2015 14:16:11	13.23	50.83	33.31	7.46	7.92	8.0	3.247	87.6	4.9	1.1
1436	6/18/2015 14:31:11	13.06	50.97	33.41	7.47	7.93	6.8	3.300	87.4	5.1	1.2
1437	6/18/2015 14:46:11	12.90	50.92	33.37	7.46	7.92	4.5	3.327	86.9	4.9	1.1
1438	6/18/2015 15:01:11	12.84	50.96	33.40	7.27	7.91	2.6	3.355	84.6	4.5	1.1
1439	6/18/2015 15:16:11	12.78	50.87	33.32	7.20	7.90	3.9	3.358	83.7	7.6	1.8
1440	6/18/2015 15:31:11	13.14	50.93	33.39	7.31	7.91	5.5	3.323	85.7	3.9	0.9
1441	6/18/2015 15:46:11	13.13	50.93	33.38	7.31	7.91	6.2	3.274	85.7	3.7	0.9
1442	6/18/2015 16:01:11	13.53	51.01	33.46	7.38	7.92	6.0	3.220	87.2	3.4	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1443	6/18/2015 16:16:11	13.86	50.87	33.37	7.52	7.93	7.4	3.143	89.4	5.5	1.3
1444	6/18/2015 16:31:10	14.11	50.96	33.44	7.68	7.94	7.3	3.052	91.8	3.2	0.8
1445	6/18/2015 16:46:11	14.35	50.98	33.47	7.72	7.94	6.2	2.960	92.8	3.1	0.7
1446	6/18/2015 17:01:11	15.33	51.13	33.60	7.76	7.95	8.6	2.876	95.2	2.9	0.7
1447	6/18/2015 17:16:11	15.73	51.14	33.61	7.83	7.96	7.7	2.796	96.8	3.5	0.8
1448	6/18/2015 17:31:11	16.15	51.09	33.58	7.96	7.98	8.1	2.711	99.2	3.0	0.7
1449	6/18/2015 17:46:10	15.91	51.13	33.61	8.16	7.98	7.8	2.634	101.3	3.6	0.8
1450	6/18/2015 18:01:11	16.07	51.07	33.57	8.37	8.00	6.5	2.560	104.2	2.7	0.6
1451	6/18/2015 18:16:11	16.07	51.06	33.56	8.51	8.01	6.5	2.481	105.9	3.3	0.8
1452	6/18/2015 18:31:11	16.28	51.09	33.59	8.56	8.01	6.5	2.415	107.0	3.0	0.7
1453	6/18/2015 18:46:10	16.29	51.22	33.69	8.67	8.02	6.4	2.346	108.5	2.9	0.7
1454	6/18/2015 19:01:10	16.46	51.12	33.61	8.58	8.02	6.1	2.292	107.5	3.4	0.8
1455	6/18/2015 19:16:10	16.74	51.07	33.58	8.38	8.01	6.2	2.256	105.7	3.4	0.8
1456	6/18/2015 19:31:10	17.14	51.23	33.70	8.41	8.01	5.5	2.222	106.9	3.5	0.8
1457	6/18/2015 19:46:10	17.49	51.29	33.75	8.32	8.01	5.2	2.201	106.6	3.6	0.9
1458	6/18/2015 20:01:10	17.50	51.30	33.76	8.20	7.99	4.5	2.197	105.1	3.9	0.9
1459	6/18/2015 20:16:10	17.81	51.11	33.62	8.20	8.00	5.5	2.225	105.5	3.8	0.9
1460	6/18/2015 20:31:10	17.64	51.32	33.77	8.36	8.01	6.3	2.254	107.4	4.2	1.0
1461	6/18/2015 20:46:10	17.61	51.31	33.77	8.30	8.01	6.1	2.291	106.6	3.4	0.8
1462	6/18/2015 21:01:11	17.54	51.31	33.76	8.28	8.00	6.7	2.365	106.1	3.5	0.8
1463	6/18/2015 21:16:11	17.28	51.21	33.69	8.16	7.99	6.3	2.428	104.0	4.1	1.0
1464	6/18/2015 21:31:11	17.42	51.20	33.69	8.04	7.98	7.4	2.507	102.7	3.6	0.8
1465	6/18/2015 21:46:10	17.02	51.14	33.63	8.04	7.98	6.8	2.587	102.0	3.6	0.8
1466	6/18/2015 22:01:10	16.78	51.19	33.67	7.97	7.97	6.7	2.661	100.6	3.4	0.8
1467	6/18/2015 22:16:11	16.38	51.15	33.63	7.90	7.96	6.8	2.737	98.9	3.1	0.7
1468	6/18/2015 22:31:11	15.54	51.04	33.53	7.61	7.93	7.0	2.813	93.7	3.6	0.9
1469	6/18/2015 22:46:11	15.21	50.99	33.49	7.49	7.93	7.0	2.881	91.6	3.7	0.9
1470	6/18/2015 23:01:11	14.94	50.93	33.44	7.49	7.93	7.0	2.972	91.1	3.9	0.9
1471	6/18/2015 23:16:11	14.74	51.00	33.49	7.43	7.92	6.5	3.040	90.1	4.1	1.0
1472	6/18/2015 23:31:11	14.47	50.87	33.39	7.44	7.92	6.2	3.128	89.6	3.7	0.9
1473	6/18/2015 23:46:10	14.06	50.84	33.35	7.43	7.92	6.6	3.209	88.7	4.2	1.0
1474	6/19/2015 00:01:11	13.71	50.93	33.41	7.40	7.92	7.6	3.290	87.7	4.4	1.0
1475	6/19/2015 00:16:11	13.23	50.90	33.36	7.41	7.91	8.0	3.379	87.0	4.6	1.1
1476	6/19/2015 00:31:11	12.73	50.94	33.37	7.37	7.91	8.5	3.450	85.6	5.2	1.2
1477	6/19/2015 00:46:10	12.42	50.86	33.30	7.34	7.91	7.1	3.530	84.7	5.5	1.3
1478	6/19/2015 01:01:11	12.07	50.97	33.36	7.33	7.90	7.6	3.599	84.0	6.6	1.5
1479	6/19/2015 01:16:11	11.83	50.85	33.27	7.22	7.90	6.2	3.652	82.3	7.5	1.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
1480	6/19/2015 01:31:11	11.61	50.95	33.33	7.14	7.89	4.5	3.698	81.0	6.0	1.4
1481	6/19/2015 01:46:11	11.56	50.90	33.29	7.08	7.89	3.6	3.736	80.3	6.9	1.6
1482	6/19/2015 02:01:11	11.64	50.83	33.24	6.99	7.88	2.9	3.747	79.3	6.3	1.5
1483	6/19/2015 02:16:11	11.62	50.95	33.33	6.88	7.87	4.6	3.727	78.1	5.4	1.3
1484	6/19/2015 02:31:11	11.73	50.93	33.32	7.03	7.88	5.4	3.689	80.0	5.2	1.2
1485	6/19/2015 02:46:11	12.04	50.99	33.38	7.02	7.89	4.5	3.650	80.4	4.6	1.1
1486	6/19/2015 03:01:11	12.35	50.93	33.35	7.08	7.89	5.4	3.561	81.6	4.8	1.1
1487	6/19/2015 03:16:11	12.48	51.16	33.53	7.06	7.89	4.5	3.471	81.7	6.5	1.5
1488	6/19/2015 03:31:11	13.01	50.95	33.40	7.11	7.90	5.6	3.365	83.1	4.3	1.0
1489	6/19/2015 03:46:11	13.86	50.97	33.44	7.08	7.90	8.9	3.271	84.2	3.7	0.9
1490	6/19/2015 04:01:11	13.97	51.06	33.51	7.10	7.90	7.9	3.165	84.7	3.8	0.9
1491	6/19/2015 04:16:11	14.03	51.09	33.53	7.12	7.91	10.0	3.038	85.1	3.3	0.8
1492	6/19/2015 04:31:11	14.39	51.07	33.53	7.02	7.90	8.5	2.923	84.4	3.2	0.7
1493	6/19/2015 04:46:11	15.38	51.14	33.61	6.73	7.88	8.4	2.816	82.6	2.9	0.7
1494	6/19/2015 05:01:10	15.76	51.16	33.63	6.63	7.87	9.3	2.685	82.1	3.2	0.8
1495	6/19/2015 05:16:10	15.78	51.16	33.63	6.92	7.89	9.3	2.563	85.7	3.3	0.8
1496	6/19/2015 05:31:10	15.51	51.22	33.67	6.92	7.90	10.3	2.431	85.2	3.0	0.7
1497	6/19/2015 05:46:10	15.64	51.11	33.59	6.95	7.90	11.1	2.293	85.8	3.3	0.8
1498	6/19/2015 06:01:10	15.43	51.16	33.62	6.94	7.90	9.9	2.155	85.3	3.1	0.7
1499	6/19/2015 06:16:10	15.67	51.17	33.64	6.97	7.90	10.5	2.025	86.1	2.8	0.7
1500	6/19/2015 06:31:10	15.94	51.21	33.67	6.97	7.91	10.9	1.866	86.6	2.7	0.6
1501	6/19/2015 06:46:10	16.23	51.17	33.64	6.95	7.91	11.4	1.726	86.8	3.2	0.8
1502	6/19/2015 07:01:10	16.42	51.27	33.72	6.95	7.91	10.6	1.596	87.2	3.0	0.7
1503	6/19/2015 07:16:10	16.71	51.35	33.78	6.97	7.91	10.5	1.460	87.9	2.8	0.7
1504	6/19/2015 07:31:11	16.72	51.36	33.79	6.93	7.91	10.9	1.346	87.5	3.1	0.7
1505	6/19/2015 07:46:10	16.87	51.30	33.75	6.94	7.91	9.7	1.240	87.7	3.0	0.7
1506	6/19/2015 08:01:10	17.06	51.40	33.83	6.97	7.91	9.5	1.173	88.5	3.2	0.8
1507	6/19/2015 08:16:10	17.13	51.39	33.82	6.94	7.91	7.8	1.121	88.3	3.2	0.7
1508	6/19/2015 08:31:10	17.04	51.40	33.82	6.98	7.91	8.7	1.128	88.7	2.5	0.6
1509	6/19/2015 08:46:10	17.10	51.39	33.82	7.00	7.92	8.1	1.186	89.0	3.1	0.7
1510	6/19/2015 09:01:10	17.22	51.36	33.80	6.96	7.92	6.9	1.221	88.7	3.1	0.7
1511	6/19/2015 09:16:10	17.65	51.46	33.88	7.00	7.93	7.3	1.295	90.0	3.4	0.8
1512	6/19/2015 09:31:11	17.69	51.49	33.90	7.03	7.93	7.7	1.381	90.5	2.9	0.7
1513	6/19/2015 09:46:11	17.69	51.46	33.87	7.05	7.93	7.5	1.450	90.7	3.3	0.8
1514	6/19/2015 10:01:11	17.69	51.39	33.82	6.80	7.90	9.7	1.504	87.5	3.3	0.8
1515	6/19/2015 10:16:10	17.68	51.26	33.73	6.71	7.89	10.7	1.599	86.2	3.8	0.9
1516	6/19/2015 10:31:10	17.44	51.35	33.79	6.86	7.91	9.5	1.677	87.8	3.2	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1517	6/19/2015 10:46:10	17.31	51.31	33.77	6.92	7.91	8.9	1.744	88.3	3.7	0.9
1518	6/19/2015 11:01:10	17.10	51.23	33.70	6.97	7.90	8.0	1.846	88.6	2.7	0.6
1519	6/19/2015 11:16:10	17.05	51.21	33.69	6.95	7.91	8.9	1.936	88.3	3.3	0.8
1520	6/19/2015 11:31:10	16.93	51.34	33.78	6.94	7.91	8.8	2.045	88.0	3.4	0.8
1521	6/19/2015 11:46:11	16.65	51.14	33.63	7.00	7.91	8.3	2.142	88.1	2.6	0.6
1522	6/19/2015 12:01:11	16.47	51.21	33.68	7.02	7.90	7.8	2.241	88.1	2.9	0.7
1523	6/19/2015 12:16:10	16.38	51.19	33.66	7.01	7.90	7.8	2.355	87.9	2.9	0.7
1524	6/19/2015 12:31:11	16.34	51.14	33.62	7.02	7.90	8.6	2.446	87.9	2.7	0.6
1525	6/19/2015 12:46:11	16.20	51.05	33.56	7.08	7.90	8.7	2.547	88.3	2.9	0.7
1526	6/19/2015 13:01:10	16.07	51.12	33.60	7.11	7.90	9.9	2.645	88.5	3.5	0.8
1527	6/19/2015 13:16:11	15.89	51.07	33.57	7.17	7.90	9.5	2.737	88.9	3.2	0.8
1528	6/19/2015 13:31:11	15.58	50.99	33.50	7.16	7.90	10.6	2.822	88.2	3.4	0.8
1529	6/19/2015 13:46:11	15.23	51.01	33.51	7.22	7.90	11.7	2.905	88.3	3.6	0.8
1530	6/19/2015 14:01:11	14.68	50.97	33.47	7.29	7.90	11.2	2.985	88.2	4.3	1.0
1531	6/19/2015 14:16:11	14.07	50.92	33.41	7.27	7.90	10.4	3.065	86.9	4.6	1.1
1532	6/19/2015 14:31:11	13.68	50.97	33.43	7.31	7.90	9.8	3.135	86.7	4.9	1.2
1533	6/19/2015 14:46:11	13.47	50.92	33.39	7.36	7.91	8.2	3.196	86.9	6.0	1.4
1534	6/19/2015 15:01:11	13.26	50.95	33.40	7.39	7.91	6.7	3.261	86.9	5.3	1.2
1535	6/19/2015 15:16:11	13.18	50.84	33.32	7.40	7.91	6.4	3.312	86.8	4.9	1.2
1536	6/19/2015 15:31:11	13.09	50.93	33.38	7.32	7.91	4.2	3.338	85.7	4.6	1.1
1537	6/19/2015 15:46:11	13.03	50.93	33.38	7.17	7.89	2.7	3.355	83.9	4.5	1.1
1538	6/19/2015 16:01:11	13.09	50.85	33.32	7.18	7.89	4.4	3.351	84.0	3.6	0.8
1539	6/19/2015 16:16:11	13.22	50.88	33.35	7.24	7.90	5.4	3.319	85.0	3.8	0.9
1540	6/19/2015 16:31:11	13.35	50.92	33.39	7.28	7.90	6.5	3.257	85.7	4.1	1.0
1541	6/19/2015 16:46:11	13.90	50.82	33.33	7.34	7.91	6.1	3.203	87.3	4.6	1.1
1542	6/19/2015 17:01:10	14.63	50.82	33.36	7.67	7.93	5.8	3.135	92.6	4.3	1.0
1543	6/19/2015 17:16:11	14.58	50.97	33.46	7.70	7.94	5.8	3.038	93.0	3.6	0.8
1544	6/19/2015 17:31:11	15.95	51.09	33.58	8.08	7.98	7.8	2.961	100.4	3.5	0.8
1545	6/19/2015 17:46:10	16.09	51.06	33.56	8.12	7.98	6.7	2.890	101.1	3.8	0.9
1546	6/19/2015 18:01:10	16.38	51.07	33.57	8.23	7.99	7.7	2.795	103.1	3.9	0.9
1547	6/19/2015 18:16:10	16.62	51.05	33.56	8.20	7.99	6.4	2.731	103.1	3.0	0.7
1548	6/19/2015 18:31:10	16.95	51.06	33.57	8.29	8.00	7.8	2.651	104.9	3.2	0.8
1549	6/19/2015 18:46:10	16.89	51.14	33.63	8.50	8.01	7.1	2.592	107.5	2.4	0.6
1550	6/19/2015 19:01:10	16.98	51.10	33.60	8.53	8.01	7.0	2.519	108.1	2.9	0.7
1551	6/19/2015 19:16:10	16.86	51.09	33.60	8.80	8.03	6.5	2.458	111.2	3.1	0.7
1552	6/19/2015 19:31:10	17.02	51.02	33.55	8.84	8.03	6.4	2.409	112.1	3.4	0.8
1553	6/19/2015 19:46:10	17.54	51.19	33.68	8.70	8.03	6.7	2.346	111.5	3.1	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1554	6/19/2015 20:01:10	18.06	51.32	33.78	8.74	8.05	5.7	2.310	113.1	3.6	0.8
1555	6/19/2015 20:16:10	18.10	51.09	33.61	8.73	8.04	5.6	2.281	113.0	3.4	0.8
1556	6/19/2015 20:31:10	18.30	51.27	33.74	8.58	8.04	5.7	2.256	111.6	3.4	0.8
1557	6/19/2015 20:46:10	18.28	51.19	33.68	8.54	8.04	5.4	2.266	110.9	3.8	0.9
1558	6/19/2015 21:01:11	18.21	51.33	33.79	8.77	8.05	6.1	2.271	113.9	4.5	1.1
1559	6/19/2015 21:16:10	18.13	51.12	33.63	8.72	8.04	5.9	2.298	112.9	4.1	1.0
1560	6/19/2015 21:31:10	18.01	51.26	33.73	8.62	8.03	6.1	2.338	111.5	4.0	1.0
1561	6/19/2015 21:46:10	18.10	51.16	33.66	8.63	8.03	6.8	2.386	111.7	3.5	0.8
1562	6/19/2015 22:01:10	17.96	51.15	33.65	8.45	8.01	6.3	2.453	109.1	4.2	1.0
1563	6/19/2015 22:16:11	18.22	51.08	33.60	8.28	8.00	7.7	2.517	107.4	3.6	0.8
1564	6/19/2015 22:31:11	17.68	51.13	33.64	8.33	7.99	6.7	2.583	106.9	3.8	0.9
1565	6/19/2015 22:46:11	17.34	51.09	33.60	8.27	7.99	5.8	2.659	105.5	3.6	0.8
1566	6/19/2015 23:01:10	16.98	51.14	33.64	8.18	7.98	5.9	2.725	103.6	3.8	0.9
1567	6/19/2015 23:16:11	16.26	50.98	33.50	7.93	7.95	5.6	2.793	99.0	4.6	1.1
1568	6/19/2015 23:31:11	15.47	50.75	33.32	7.62	7.93	5.4	2.864	93.5	4.9	1.2
1569	6/19/2015 23:46:11	15.16	50.83	33.37	7.54	7.92	5.4	2.929	92.0	4.0	0.9
1570	6/20/2015 00:01:11	14.99	50.89	33.41	7.49	7.92	5.3	2.995	91.1	4.0	0.9
1571	6/20/2015 00:16:11	14.86	50.72	33.28	7.45	7.92	5.4	3.069	90.3	3.8	0.9
1572	6/20/2015 00:31:11	14.53	50.80	33.34	7.41	7.91	5.6	3.135	89.3	4.7	1.1
1573	6/20/2015 00:46:11	14.07	50.72	33.26	7.34	7.90	5.1	3.202	87.6	4.5	1.1
1574	6/20/2015 01:01:11	13.70	50.86	33.36	7.28	7.90	6.2	3.283	86.3	4.4	1.0
1575	6/20/2015 01:16:11	13.30	50.81	33.30	7.26	7.90	6.1	3.344	85.4	5.1	1.2
1576	6/20/2015 01:31:10	12.95	50.59	33.13	7.20	7.89	5.0	3.404	83.9	5.5	1.3
1577	6/20/2015 01:46:11	12.62	50.70	33.19	7.13	7.89	4.9	3.470	82.6	5.4	1.3
1578	6/20/2015 02:01:11	12.44	50.77	33.23	7.11	7.89	4.7	3.514	82.1	5.8	1.4
1579	6/20/2015 02:16:11	12.30	50.99	33.39	7.07	7.88	3.2	3.550	81.5	5.3	1.3
1580	6/20/2015 02:31:11	12.15	50.92	33.34	6.98	7.88	3.1	3.574	80.2	6.0	1.4
1581	6/20/2015 02:46:11	12.51	51.17	33.53	6.77	7.87	2.8	3.582	78.3	5.9	1.4
1582	6/20/2015 03:01:11	12.12	50.89	33.31	6.86	7.87	2.6	3.578	78.7	5.2	1.2
1583	6/20/2015 03:16:11	12.29	50.87	33.30	6.90	7.88	3.4	3.540	79.5	4.0	0.9
1584	6/20/2015 03:31:11	12.56	50.95	33.37	6.93	7.88	3.7	3.490	80.2	4.0	0.9
1585	6/20/2015 03:46:11	13.71	50.83	33.33	7.06	7.90	5.9	3.421	83.7	3.9	0.9
1586	6/20/2015 04:01:11	13.42	50.91	33.38	7.05	7.89	5.5	3.339	83.1	3.9	0.9
1587	6/20/2015 04:16:11	13.90	50.95	33.42	6.96	7.89	7.2	3.247	82.9	4.2	1.0
1588	6/20/2015 04:31:11	14.44	51.05	33.52	7.00	7.90	7.1	3.147	84.4	3.5	0.8
1589	6/20/2015 04:46:10	14.62	50.96	33.46	7.06	7.90	10.9	3.040	85.2	3.3	0.8
1590	6/20/2015 05:01:10	14.97	50.99	33.49	6.96	7.90	20.8	2.933	84.7	3.3	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1591	6/20/2015 05:16:10	15.18	51.04	33.53	6.94	7.89	7.9	2.830	84.8	3.1	0.7
1592	6/20/2015 05:31:11	15.73	51.15	33.62	6.82	7.89	8.2	2.727	84.4	2.9	0.7
1593	6/20/2015 05:46:10	16.22	51.20	33.67	6.80	7.89	26.9	2.606	84.9	2.7	0.6
1594	6/20/2015 06:01:10	16.22	51.14	33.63	6.59	7.87	10.0	2.506	82.2	3.1	0.7
1595	6/20/2015 06:16:11	16.13	51.25	33.70	6.86	7.88	9.8	2.387	85.6	2.5	0.6
1596	6/20/2015 06:31:11	16.20	51.12	33.61	6.98	7.90	9.2	2.255	87.1	3.3	0.8
1597	6/20/2015 06:46:11	16.24	51.18	33.65	7.07	7.91	9.4	2.122	88.3	2.6	0.6
1598	6/20/2015 07:01:11	16.21	51.20	33.67	6.96	7.90	9.3	1.986	86.9	2.9	0.7
1599	6/20/2015 07:16:10	16.39	51.22	33.68	7.04	7.91	10.0	1.873	88.3	2.9	0.7
1600	6/20/2015 07:31:11	16.69	51.20	33.68	7.04	7.91	9.2	1.741	88.8	3.2	0.8
1601	6/20/2015 07:46:10	17.07	51.22	33.70	7.07	7.92	8.7	1.621	89.7	3.1	0.7
1602	6/20/2015 08:01:10	17.23	51.17	33.66	7.08	7.92	8.4	1.527	90.1	2.9	0.7
1603	6/20/2015 08:16:10	17.35	51.32	33.77	7.10	7.92	7.2	1.424	90.7	2.5	0.6
1604	6/20/2015 08:31:10	17.39	51.27	33.74	7.06	7.92	6.7	1.349	90.2	2.7	0.6
1605	6/20/2015 08:46:10	17.70	51.37	33.81	7.01	7.92	7.0	1.302	90.2	2.7	0.6
1606	6/20/2015 09:01:11	17.73	51.39	33.82	6.86	7.91	5.8	1.281	88.3	3.1	0.7
1607	6/20/2015 09:16:10	17.68	51.42	33.85	7.01	7.92	6.2	1.280	90.1	3.0	0.7
1608	6/20/2015 09:31:10	17.91	51.31	33.77	7.17	7.94	6.5	1.322	92.5	3.5	0.8
1609	6/20/2015 09:46:10	17.85	51.39	33.82	7.15	7.93	6.0	1.359	92.2	3.1	0.7
1610	6/20/2015 10:01:10	18.03	51.40	33.83	7.20	7.94	6.2	1.423	93.2	3.4	0.8
1611	6/20/2015 10:16:10	18.20	51.41	33.84	7.25	7.95	7.1	1.506	94.1	3.9	0.9
1612	6/20/2015 10:31:10	18.11	51.30	33.76	7.26	7.95	6.7	1.569	94.0	3.9	0.9
1613	6/20/2015 10:46:10	18.35	51.24	33.72	6.80	7.91	9.2	1.645	88.5	4.4	1.0
1614	6/20/2015 11:01:10	18.14	51.19	33.68	6.86	7.91	9.0	1.730	88.9	3.0	0.7
1615	6/20/2015 11:16:10	17.95	51.22	33.70	6.96	7.92	8.4	1.806	89.9	3.3	0.8
1616	6/20/2015 11:31:10	17.80	51.21	33.69	7.01	7.92	7.3	1.881	90.3	3.2	0.8
1617	6/20/2015 11:46:10	17.66	51.30	33.76	7.03	7.91	7.2	1.974	90.3	3.2	0.8
1618	6/20/2015 12:01:10	17.50	51.31	33.76	7.04	7.92	7.5	2.069	90.2	3.0	0.7
1619	6/20/2015 12:16:10	17.20	51.10	33.61	7.09	7.91	7.0	2.152	90.3	3.5	0.8
1620	6/20/2015 12:31:10	16.85	51.17	33.65	7.12	7.91	6.6	2.247	90.0	3.3	0.8
1621	6/20/2015 12:46:11	16.73	51.10	33.60	7.10	7.90	6.5	2.345	89.6	3.2	0.7
1622	6/20/2015 13:01:10	16.63	51.02	33.54	7.11	7.90	6.8	2.444	89.5	3.4	0.8
1623	6/20/2015 13:16:11	16.44	51.10	33.60	7.14	7.90	7.8	2.535	89.5	3.5	0.8
1624	6/20/2015 13:31:11	16.26	51.09	33.58	7.18	7.90	7.5	2.620	89.7	3.3	0.8
1625	6/20/2015 13:46:10	16.06	50.96	33.49	7.20	7.91	8.7	2.716	89.6	3.1	0.7
1626	6/20/2015 14:01:11	15.80	50.93	33.46	7.19	7.90	9.0	2.791	88.9	3.4	0.8
1627	6/20/2015 14:16:11	15.40	50.99	33.50	7.24	7.90	9.6	2.876	88.9	3.4	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1628	6/20/2015 14:31:11	15.03	50.96	33.46	7.26	7.90	9.2	2.956	88.4	3.8	0.9
1629	6/20/2015 14:46:11	14.46	50.89	33.40	7.27	7.90	8.6	3.031	87.5	4.7	1.1
1630	6/20/2015 15:01:11	13.85	50.89	33.38	7.21	7.89	9.2	3.108	85.8	5.0	1.2
1631	6/20/2015 15:16:11	13.28	50.94	33.40	7.26	7.89	9.0	3.178	85.3	5.9	1.4
1632	6/20/2015 15:31:11	13.12	50.80	33.29	7.27	7.90	7.5	3.240	85.1	6.9	1.6
1633	6/20/2015 15:46:10	13.02	50.85	33.32	7.32	7.90	7.0	3.291	85.5	6.9	1.6
1634	6/20/2015 16:01:11	12.96	50.84	33.31	7.31	7.91	6.0	3.337	85.3	6.5	1.5
1635	6/20/2015 16:16:11	12.90	50.87	33.33	7.24	7.90	3.1	3.351	84.4	4.9	1.2
1636	6/20/2015 16:31:11	13.10	50.75	33.25	7.13	7.89	3.9	3.361	83.5	5.2	1.2
1637	6/20/2015 16:46:11	13.22	50.85	33.33	7.11	7.89	16.3	3.345	83.4	4.6	1.1
1638	6/20/2015 17:01:11	13.05	50.66	33.19	7.17	7.90	20.0	3.304	83.8	4.3	1.0
1639	6/20/2015 17:16:11	13.14	50.79	33.28	7.18	7.90	9.4	3.251	84.0	5.2	1.2
1640	6/20/2015 17:31:11	13.70	50.75	33.27	7.24	7.91	12.0	3.193	85.8	4.8	1.1
1641	6/20/2015 17:46:10	14.24	50.83	33.35	7.63	7.93	13.0	3.115	91.4	5.3	1.2
1642	6/20/2015 18:01:11	14.62	50.93	33.43	7.78	7.95	7.3	3.035	94.0	5.1	1.2
1643	6/20/2015 18:16:11	15.87	51.02	33.53	8.03	7.98	7.9	2.951	99.6	5.0	1.2
1644	6/20/2015 18:31:10	15.83	50.93	33.46	7.96	7.97	7.5	2.884	98.5	4.0	0.9
1645	6/20/2015 18:46:10	16.14	50.94	33.47	8.09	7.98	8.1	2.814	100.7	3.9	0.9
1646	6/20/2015 19:01:10	16.28	51.01	33.53	7.98	7.97	7.5	2.727	99.7	3.3	0.8
1647	6/20/2015 19:16:10	16.58	51.07	33.58	8.18	7.99	12.6	2.666	102.9	3.7	0.9
1648	6/20/2015 19:31:11	16.51	51.06	33.57	8.13	7.98	14.7	2.618	102.0	6.3	1.5
1649	6/20/2015 19:46:11	16.22	50.95	33.48	8.29	7.99	5.6	2.550	103.4	4.2	1.0
1650	6/20/2015 20:01:11	16.42	50.99	33.51	8.28	7.99	34.2	2.475	103.7	3.8	0.9
1651	6/20/2015 20:16:11	16.77	51.09	33.59	8.44	8.01	15.3	2.443	106.5	8.8	2.1
1652	6/20/2015 20:31:11	16.98	51.06	33.58	8.42	8.01	42.2	2.381	106.7	3.9	0.9
1653	6/20/2015 20:46:10	17.06	51.12	33.62	8.41	8.00	7.6	2.355	106.7	4.6	1.1
1654	6/20/2015 21:01:10	17.47	51.17	33.66	8.36	8.01	5.9	2.304	107.0	4.7	1.1
1655	6/20/2015 21:16:10	17.73	51.17	33.66	8.28	8.01	8.5	2.291	106.5	4.6	1.1
1656	6/20/2015 21:31:11	17.93	51.26	33.73	8.04	8.00	4.9	2.287	103.7	5.4	1.3
1657	6/20/2015 21:46:11	18.05	51.31	33.77	8.16	8.02	5.7	2.287	105.6	4.6	1.1
1658	6/20/2015 22:01:11	17.81	51.25	33.72	8.29	8.01	6.7	2.298	106.8	4.4	1.0
1659	6/20/2015 22:16:11	17.78	51.25	33.72	8.26	8.01	5.9	2.328	106.3	4.0	0.9
1660	6/20/2015 22:31:10	17.68	51.21	33.69	8.23	8.00	6.8	2.383	105.7	4.1	1.0
1661	6/20/2015 22:46:11	17.51	51.17	33.66	8.09	7.99	6.4	2.426	103.5	3.7	0.9
1662	6/20/2015 23:01:11	17.43	51.11	33.62	7.99	7.98	6.8	2.486	102.1	3.9	0.9
1663	6/20/2015 23:16:10	17.29	51.08	33.59	7.98	7.97	7.5	2.545	101.7	3.6	0.8
1664	6/20/2015 23:31:10	17.02	51.01	33.54	7.95	7.97	6.0	2.614	100.7	3.8	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1665	6/20/2015 23:46:11	16.76	51.06	33.57	7.92	7.96	5.7	2.673	99.8	3.5	0.8
1666	6/21/2015 00:01:11	16.29	51.01	33.53	7.84	7.95	5.3	2.738	97.9	4.2	1.0
1667	6/21/2015 00:16:11	15.66	50.91	33.44	7.63	7.93	5.3	2.807	94.1	4.2	1.0
1668	6/21/2015 00:31:11	15.21	50.91	33.43	7.46	7.92	4.7	2.869	91.2	4.4	1.0
1669	6/21/2015 00:46:11	14.96	50.85	33.38	7.41	7.92	4.5	2.935	90.1	4.0	0.9
1670	6/21/2015 01:01:11	14.73	50.94	33.44	7.39	7.91	4.5	2.992	89.5	4.3	1.0
1671	6/21/2015 01:16:11	14.56	50.93	33.43	7.35	7.91	4.0	3.064	88.6	4.5	1.1
1672	6/21/2015 01:31:11	14.27	50.90	33.40	7.34	7.91	5.3	3.122	88.0	4.7	1.1
1673	6/21/2015 01:46:11	13.94	50.87	33.37	7.31	7.91	4.5	3.191	87.1	4.6	1.1
1674	6/21/2015 02:01:11	13.62	50.85	33.34	7.33	7.91	3.9	3.244	86.7	4.8	1.1
1675	6/21/2015 02:16:11	13.36	50.90	33.37	7.33	7.91	4.4	3.294	86.3	4.9	1.1
1676	6/21/2015 02:31:11	13.18	50.77	33.27	7.37	7.91	4.1	3.348	86.4	5.3	1.3
1677	6/21/2015 02:46:11	13.01	50.89	33.35	7.36	7.91	2.9	3.381	86.1	5.5	1.3
1678	6/21/2015 03:01:11	12.90	50.80	33.28	7.39	7.91	3.7	3.406	86.1	8.4	2.0
1679	6/21/2015 03:16:11	12.82	50.85	33.31	7.33	7.91	2.6	3.427	85.3	6.0	1.4
1680	6/21/2015 03:31:11	12.94	50.95	33.39	7.04	7.89	2.7	3.433	82.1	4.3	1.0
1681	6/21/2015 03:46:11	12.88	50.85	33.31	7.18	7.90	2.6	3.413	83.6	3.4	0.8
1682	6/21/2015 04:01:11	12.99	50.77	33.26	7.22	7.90	2.4	3.382	84.3	3.2	0.8
1683	6/21/2015 04:16:11	13.13	50.78	33.27	7.19	7.90	3.7	3.332	84.1	3.3	0.8
1684	6/21/2015 04:31:11	13.87	50.73	33.26	7.08	7.90	5.0	3.268	84.1	3.5	0.8
1685	6/21/2015 04:46:11	13.94	50.91	33.40	7.15	7.90	7.1	3.193	85.2	4.3	1.0
1686	6/21/2015 05:01:11	13.79	50.88	33.37	7.16	7.90	5.6	3.117	85.0	4.0	0.9
1687	6/21/2015 05:16:11	14.50	50.96	33.45	6.99	7.89	6.7	3.026	84.3	3.8	0.9
1688	6/21/2015 05:31:11	14.97	50.97	33.47	7.01	7.90	6.6	2.941	85.3	3.7	0.9
1689	6/21/2015 05:46:11	15.17	51.05	33.53	6.94	7.89	6.8	2.852	84.8	3.3	0.8
1690	6/21/2015 06:01:11	15.61	51.04	33.54	6.83	7.89	7.6	2.758	84.2	2.8	0.7
1691	6/21/2015 06:16:11	15.93	51.04	33.55	6.68	7.88	8.1	2.668	82.9	2.8	0.7
1692	6/21/2015 06:31:11	16.15	51.06	33.56	6.42	7.87	8.4	2.558	80.0	3.0	0.7
1693	6/21/2015 06:46:11	16.30	51.17	33.65	6.60	7.87	7.7	2.472	82.5	2.7	0.6
1694	6/21/2015 07:01:11	16.42	51.11	33.60	6.60	7.87	8.3	2.359	82.8	2.8	0.7
1695	6/21/2015 07:16:10	16.45	50.98	33.51	6.65	7.88	8.6	2.245	83.4	3.3	0.8
1696	6/21/2015 07:31:11	16.21	51.08	33.58	6.73	7.88	8.2	2.132	84.0	3.0	0.7
1697	6/21/2015 07:46:10	16.38	51.10	33.60	6.90	7.90	8.3	2.025	86.4	3.5	0.8
1698	6/21/2015 08:01:10	16.55	51.20	33.67	6.91	7.90	7.7	1.917	86.8	3.2	0.7
1699	6/21/2015 08:16:11	16.60	51.10	33.60	6.87	7.90	8.7	1.801	86.4	2.5	0.6
1700	6/21/2015 08:31:11	16.77	51.14	33.63	6.88	7.90	7.5	1.707	86.8	3.6	0.9
1701	6/21/2015 08:46:11	16.96	51.20	33.68	6.88	7.90	7.0	1.624	87.2	3.4	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
1702	6/21/2015 09:01:11	17.07	51.29	33.75	6.91	7.91	6.8	1.539	87.8	2.8	0.6
1703	6/21/2015 09:16:10	17.19	51.18	33.67	6.92	7.91	6.1	1.488	88.1	2.8	0.7
1704	6/21/2015 09:31:10	17.38	51.27	33.73	6.82	7.91	6.0	1.462	87.1	3.2	0.8
1705	6/21/2015 09:46:10	17.38	51.25	33.72	6.82	7.90	5.0	1.444	87.1	2.7	0.6
1706	6/21/2015 10:01:10	17.55	51.26	33.73	6.83	7.92	9.0	1.447	87.5	2.9	0.7
1707	6/21/2015 10:16:10	17.73	51.33	33.78	7.00	7.93	9.2	1.483	90.1	3.3	0.8
1708	6/21/2015 10:31:10	17.60	51.29	33.75	7.01	7.93	10.3	1.536	90.0	4.3	1.0
1709	6/21/2015 10:46:10	17.79	51.32	33.77	7.01	7.94	8.4	1.585	90.3	3.4	0.8
1710	6/21/2015 11:01:10	17.75	51.32	33.78	7.01	7.93	8.8	1.664	90.3	3.4	0.8
1711	6/21/2015 11:16:10	17.74	51.21	33.70	6.85	7.91	14.1	1.731	88.1	3.7	0.9
1712	6/21/2015 11:31:10	17.78	51.12	33.63	6.64	7.89	10.6	1.798	85.4	3.6	0.8
1713	6/21/2015 11:46:11	17.66	51.17	33.66	6.63	7.89	8.9	1.889	85.2	3.4	0.8
1714	6/21/2015 12:01:11	17.42	51.15	33.65	6.78	7.90	8.1	1.960	86.6	3.3	0.8
1715	6/21/2015 12:16:10	17.35	51.12	33.63	6.80	7.90	14.8	2.034	86.8	3.3	0.8
1716	6/21/2015 12:31:11	17.31	51.18	33.67	6.83	7.90	10.6	2.128	87.1	3.5	0.8
1717	6/21/2015 12:46:11	17.21	51.14	33.64	6.85	7.90	7.3	2.206	87.1	3.2	0.8
1718	6/21/2015 13:01:11	16.86	51.10	33.61	6.91	7.90	6.5	2.288	87.4	3.0	0.7
1719	6/21/2015 13:16:10	16.66	51.08	33.59	7.00	7.90	5.9	2.375	88.1	2.7	0.6
1720	6/21/2015 13:31:10	16.54	51.04	33.56	7.01	7.90	5.9	2.474	88.0	3.4	0.8
1721	6/21/2015 13:46:10	16.41	51.01	33.53	7.03	7.89	6.6	2.556	88.1	3.2	0.7
1722	6/21/2015 14:01:11	16.28	50.93	33.47	7.10	7.90	7.8	2.636	88.7	3.2	0.7
1723	6/21/2015 14:16:11	16.18	51.02	33.54	7.19	7.90	6.5	2.718	89.7	3.7	0.9
1724	6/21/2015 14:31:11	15.99	50.88	33.42	7.22	7.90	7.1	2.806	89.6	3.4	0.8
1725	6/21/2015 14:46:10	15.77	50.91	33.44	7.20	7.90	7.1	2.884	88.9	3.4	0.8
1726	6/21/2015 15:01:11	15.33	50.90	33.43	7.29	7.90	8.3	2.955	89.3	4.2	1.0
1727	6/21/2015 15:16:11	14.98	50.84	33.38	7.40	7.91	7.3	3.041	90.0	3.8	0.9
1728	6/21/2015 15:31:11	14.56	50.88	33.39	7.53	7.92	7.0	3.106	90.8	4.8	1.1
1729	6/21/2015 15:46:11	14.05	50.76	33.29	7.74	7.93	6.8	3.171	92.3	6.2	1.5
1730	6/21/2015 16:01:10	13.75	50.69	33.23	7.81	7.93	5.9	3.233	92.6	6.5	1.5
1731	6/21/2015 16:16:11	13.45	50.78	33.28	7.97	7.95	5.3	3.288	94.0	7.9	1.9
1732	6/21/2015 16:31:10	13.27	50.68	33.20	8.09	7.96	4.7	3.332	95.0	8.3	2.0
1733	6/21/2015 16:46:11	13.23	50.65	33.18	8.20	7.96	3.7	3.357	96.1	8.8	2.1
1734	6/21/2015 17:01:11	13.20	50.74	33.25	7.97	7.95	2.9	3.375	93.4	11.3	2.7
1735	6/21/2015 17:16:11	13.26	50.75	33.26	7.86	7.94	4.0	3.376	92.3	6.0	1.4
1736	6/21/2015 17:31:11	13.32	50.75	33.26	8.04	7.95	3.7	3.351	94.5	5.9	1.4
1737	6/21/2015 17:46:10	13.40	50.69	33.22	8.04	7.95	4.1	3.309	94.6	4.2	1.0
1738	6/21/2015 18:01:10	13.63	50.73	33.25	7.88	7.94	4.0	3.254	93.2	4.7	1.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1739	6/21/2015 18:16:11	14.43	50.79	33.32	7.79	7.94	4.8	3.194	93.7	4.8	1.1
1740	6/21/2015 18:31:11	14.62	50.77	33.32	7.97	7.96	5.0	3.127	96.2	5.2	1.2
1741	6/21/2015 18:46:11	15.11	50.80	33.35	8.13	7.97	5.0	3.050	99.1	5.3	1.2
1742	6/21/2015 19:01:10	16.20	50.85	33.41	8.18	7.99	6.4	2.979	101.9	4.1	1.0
1743	6/21/2015 19:16:10	16.29	50.90	33.45	8.18	7.99	5.8	2.906	102.1	3.9	0.9
1744	6/21/2015 19:31:10	16.37	50.90	33.45	8.16	7.98	5.6	2.841	102.0	3.4	0.8
1745	6/21/2015 19:46:10	16.59	50.92	33.47	8.20	7.99	5.4	2.773	103.0	3.3	0.8
1746	6/21/2015 20:01:10	16.79	50.84	33.41	8.19	7.99	6.3	2.707	103.3	3.3	0.8
1747	6/21/2015 20:16:10	16.57	50.87	33.43	8.18	7.98	5.7	2.650	102.6	3.7	0.9
1748	6/21/2015 20:31:11	16.57	51.01	33.53	8.29	7.99	6.1	2.590	104.2	4.1	1.0
1749	6/21/2015 20:46:11	16.76	51.00	33.53	8.30	7.99	6.3	2.537	104.7	3.9	0.9
1750	6/21/2015 21:01:11	17.09	50.93	33.48	8.38	8.00	6.5	2.480	106.3	3.7	0.9
1751	6/21/2015 21:16:10	17.28	50.94	33.49	8.40	8.01	7.0	2.437	107.0	4.2	1.0
1752	6/21/2015 21:31:10	17.41	50.96	33.51	8.41	8.01	7.0	2.403	107.4	4.1	1.0
1753	6/21/2015 21:46:10	17.74	51.14	33.64	8.29	8.01	6.7	2.369	106.5	4.1	1.0
1754	6/21/2015 22:01:10	18.00	51.02	33.55	8.21	8.01	6.0	2.349	106.0	4.7	1.1
1755	6/21/2015 22:16:10	18.05	51.13	33.64	8.08	8.00	5.7	2.329	104.5	4.3	1.0
1756	6/21/2015 22:31:10	18.19	51.02	33.55	8.10	8.01	6.0	2.338	105.0	4.5	1.1
1757	6/21/2015 22:46:10	18.05	51.03	33.57	8.24	8.01	6.1	2.348	106.5	4.2	1.0
1758	6/21/2015 23:01:10	17.87	51.13	33.64	8.26	8.01	5.9	2.372	106.5	4.0	0.9
1759	6/21/2015 23:16:10	17.81	51.03	33.56	8.22	8.00	6.4	2.391	105.8	3.9	0.9
1760	6/21/2015 23:31:10	17.72	51.02	33.56	8.21	8.00	5.9	2.443	105.5	3.6	0.9
1761	6/21/2015 23:46:10	17.61	51.05	33.57	8.08	7.99	5.6	2.484	103.6	4.1	1.0
1762	6/22/2015 00:01:10	17.48	51.00	33.54	8.05	7.98	5.5	2.536	103.0	3.9	0.9
1763	6/22/2015 00:16:10	17.47	50.97	33.51	7.92	7.97	5.7	2.590	101.2	3.6	0.9
1764	6/22/2015 00:31:10	17.24	50.95	33.49	7.95	7.97	4.8	2.635	101.1	3.6	0.8
1765	6/22/2015 00:46:11	17.05	50.93	33.48	7.93	7.96	4.3	2.690	100.6	3.7	0.9
1766	6/22/2015 01:01:11	16.90	50.97	33.51	7.87	7.96	4.2	2.741	99.5	4.9	1.2
1767	6/22/2015 01:16:10	16.34	50.90	33.45	7.80	7.95	4.3	2.791	97.5	5.1	1.2
1768	6/22/2015 01:31:10	15.99	50.79	33.36	7.72	7.94	4.2	2.856	95.8	5.4	1.3
1769	6/22/2015 01:46:10	15.54	50.79	33.36	7.64	7.93	4.3	2.903	93.9	5.3	1.2
1770	6/22/2015 02:01:11	15.28	50.82	33.37	7.60	7.93	3.7	2.954	93.1	4.6	1.1
1771	6/22/2015 02:16:11	15.05	50.84	33.38	7.62	7.93	3.7	3.011	92.8	5.0	1.2
1772	6/22/2015 02:31:10	14.91	50.72	33.29	7.62	7.93	3.4	3.063	92.5	5.4	1.3
1773	6/22/2015 02:46:10	14.77	50.67	33.25	7.61	7.93	3.7	3.116	92.1	5.2	1.2
1774	6/22/2015 03:01:10	14.66	50.83	33.36	7.59	7.93	3.2	3.162	91.7	4.8	1.1
1775	6/22/2015 03:16:10	14.39	50.77	33.31	7.61	7.93	3.1	3.200	91.5	5.5	1.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1776	6/22/2015 03:31:11	14.10	50.80	33.32	7.60	7.93	2.4	3.234	90.8	4.6	1.1
1777	6/22/2015 03:46:11	13.95	50.70	33.25	7.63	7.93	2.3	3.257	90.8	5.2	1.2
1778	6/22/2015 04:01:11	13.84	50.78	33.30	7.51	7.93	2.6	3.269	89.2	5.0	1.2
1779	6/22/2015 04:16:11	13.86	50.84	33.35	7.41	7.92	2.5	3.268	88.1	4.6	1.1
1780	6/22/2015 04:31:11	13.98	50.71	33.25	7.44	7.92	2.4	3.265	88.6	3.5	0.8
1781	6/22/2015 04:46:11	13.95	50.73	33.27	7.46	7.92	2.7	3.234	88.9	3.0	0.7
1782	6/22/2015 05:01:11	14.19	50.76	33.30	7.40	7.92	3.4	3.192	88.6	4.0	0.9
1783	6/22/2015 05:16:10	14.72	50.72	33.28	7.31	7.91	5.7	3.138	88.5	3.8	0.9
1784	6/22/2015 05:31:11	14.77	50.79	33.34	7.33	7.91	6.7	3.080	88.7	3.8	0.9
1785	6/22/2015 05:46:11	14.73	50.74	33.30	7.33	7.91	6.6	3.016	88.6	3.6	0.8
1786	6/22/2015 06:01:10	14.96	50.72	33.29	7.28	7.91	6.7	2.931	88.4	3.7	0.9
1787	6/22/2015 06:16:10	15.51	50.82	33.38	7.11	7.90	7.5	2.848	87.4	3.2	0.8
1788	6/22/2015 06:31:10	15.92	50.94	33.47	6.87	7.89	7.2	2.769	85.1	3.2	0.7
1789	6/22/2015 06:46:10	16.22	50.94	33.47	6.69	7.87	7.5	2.684	83.4	2.8	0.7
1790	6/22/2015 07:01:10	16.07	50.99	33.51	6.60	7.86	7.0	2.599	82.1	3.0	0.7
1791	6/22/2015 07:16:11	16.06	51.04	33.55	6.61	7.86	7.3	2.507	82.2	2.3	0.5
1792	6/22/2015 07:31:11	16.26	51.07	33.57	6.57	7.86	7.0	2.417	82.0	2.6	0.6
1793	6/22/2015 07:46:10	16.27	51.06	33.56	6.66	7.86	6.8	2.322	83.2	2.5	0.6
1794	6/22/2015 08:01:10	16.45	50.96	33.50	6.69	7.86	6.5	2.221	83.9	2.5	0.6
1795	6/22/2015 08:16:10	16.50	50.95	33.49	6.93	7.89	5.9	2.132	86.9	2.6	0.6
1796	6/22/2015 08:31:10	16.79	51.08	33.59	7.07	7.91	6.8	2.033	89.2	3.3	0.8
1797	6/22/2015 08:46:11	16.95	51.04	33.56	7.17	7.91	6.7	1.956	90.7	2.9	0.7
1798	6/22/2015 09:01:10	17.05	50.96	33.50	7.32	7.93	5.9	1.859	92.8	3.1	0.7
1799	6/22/2015 09:16:10	17.11	51.07	33.58	7.33	7.93	5.5	1.787	93.1	2.9	0.7
1800	6/22/2015 09:31:10	17.33	51.13	33.63	7.37	7.94	5.4	1.746	94.0	2.8	0.7
1801	6/22/2015 09:46:10	17.48	51.14	33.64	7.42	7.94	5.6	1.663	94.9	3.0	0.7
1802	6/22/2015 10:01:10	17.66	51.17	33.66	7.46	7.95	5.5	1.649	95.7	2.9	0.7
1803	6/22/2015 10:16:10	17.76	51.04	33.57	7.29	7.93	5.4	1.639	93.7	3.0	0.7
1804	6/22/2015 10:31:10	17.82	51.15	33.65	6.65	7.93	5.0	1.631	85.7	2.4	0.6
1805	6/22/2015 10:46:10	17.75	51.23	33.71	7.43	7.94	5.7	1.645	95.6	3.2	0.8
1806	6/22/2015 11:01:10	17.94	51.16	33.66	7.30	7.94	6.4	1.666	94.2	3.5	0.8
1807	6/22/2015 11:16:10	17.94	51.08	33.60	7.21	7.94	5.6	1.733	93.0	3.7	0.9
1808	6/22/2015 11:31:10	18.06	51.16	33.66	7.10	7.94	5.8	1.777	91.8	3.4	0.8
1809	6/22/2015 11:46:10	18.03	51.18	33.67	7.11	7.93	5.8	1.821	91.9	3.4	0.8
1810	6/22/2015 12:01:10	17.91	51.07	33.59	7.14	7.93	5.8	1.897	92.0	3.7	0.9
1811	6/22/2015 12:16:10	17.94	51.12	33.63	7.03	7.92	6.2	1.966	90.7	3.0	0.7
1812	6/22/2015 12:31:10	17.89	51.13	33.63	6.92	7.91	6.4	2.019	89.2	3.0	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1813	6/22/2015 12:46:10	17.76	51.08	33.60	6.93	7.91	6.0	2.087	89.1	2.8	0.7
1814	6/22/2015 13:01:10	17.65	51.09	33.60	7.06	7.91	5.1	2.164	90.5	3.4	0.8
1815	6/22/2015 13:16:11	17.58	51.10	33.61	7.12	7.91	5.3	2.233	91.3	3.3	0.8
1816	6/22/2015 13:31:10	17.55	51.09	33.60	6.96	7.91	6.2	2.313	89.2	3.3	0.8
1817	6/22/2015 13:46:10	17.28	51.00	33.53	7.01	7.90	5.5	2.385	89.3	3.3	0.8
1818	6/22/2015 14:01:10	16.87	50.87	33.43	7.14	7.90	5.0	2.470	90.2	3.1	0.7
1819	6/22/2015 14:16:10	16.63	50.85	33.42	7.17	7.90	5.2	2.547	90.1	3.0	0.7
1820	6/22/2015 14:31:11	16.50	50.91	33.46	7.17	7.90	4.8	2.622	90.0	3.1	0.7
1821	6/22/2015 14:46:11	16.44	50.94	33.48	7.22	7.90	5.3	2.702	90.4	3.4	0.8
1822	6/22/2015 15:01:11	16.37	50.91	33.46	7.31	7.91	5.7	2.774	91.4	2.9	0.7
1823	6/22/2015 15:16:11	16.18	50.91	33.45	7.47	7.92	5.5	2.857	93.1	3.7	0.9
1824	6/22/2015 15:31:11	16.02	50.74	33.32	7.54	7.92	5.6	2.924	93.6	3.5	0.8
1825	6/22/2015 15:46:10	15.56	50.73	33.31	7.61	7.93	6.4	2.997	93.7	4.8	1.1
1826	6/22/2015 16:01:11	15.27	50.71	33.29	7.85	7.94	6.7	3.062	96.0	5.8	1.4
1827	6/22/2015 16:16:11	15.04	50.63	33.23	7.99	7.95	6.1	3.130	97.3	4.7	1.1
1828	6/22/2015 16:31:10	14.69	50.61	33.20	8.17	7.96	4.8	3.198	98.7	5.8	1.4
1829	6/22/2015 16:46:10	14.24	50.65	33.22	8.33	7.97	4.8	3.243	99.8	6.8	1.6
1830	6/22/2015 17:01:11	13.99	50.64	33.20	8.48	7.98	4.5	3.305	101.0	7.0	1.7
1831	6/22/2015 17:16:11	13.77	50.64	33.20	8.60	7.99	3.3	3.336	102.0	7.7	1.8
1832	6/22/2015 17:31:11	13.55	50.62	33.17	8.74	8.00	2.9	3.356	103.1	6.8	1.6
1833	6/22/2015 17:46:11	13.56	50.48	33.07	8.47	7.99	2.6	3.372	99.9	6.2	1.5
1834	6/22/2015 18:01:11	13.58	50.62	33.17	8.46	7.98	2.8	3.366	99.9	3.4	0.8
1835	6/22/2015 18:16:11	13.64	50.61	33.17	8.64	7.99	3.5	3.343	102.1	3.6	0.8
1836	6/22/2015 18:31:11	13.83	50.66	33.21	8.44	7.98	3.2	3.304	100.2	4.0	0.9
1837	6/22/2015 18:46:10	14.43	50.55	33.15	8.26	7.97	4.1	3.260	99.2	4.0	0.9
1838	6/22/2015 19:01:10	15.75	50.67	33.27	8.20	7.98	5.3	3.195	101.3	4.3	1.0
1839	6/22/2015 19:16:10	15.27	50.78	33.34	8.58	8.00	5.7	3.126	105.0	5.7	1.3
1840	6/22/2015 19:31:10	15.76	50.73	33.31	8.48	8.00	5.3	3.078	104.7	4.3	1.0
1841	6/22/2015 19:46:10	16.48	50.84	33.40	8.54	8.01	5.3	3.001	107.0	3.6	0.8
1842	6/22/2015 20:01:10	16.45	50.88	33.44	8.35	7.99	5.3	2.924	104.6	3.7	0.9
1843	6/22/2015 20:16:11	16.73	50.91	33.46	8.43	8.00	5.5	2.866	106.2	3.4	0.8
1844	6/22/2015 20:31:11	16.69	50.85	33.42	8.31	7.99	4.7	2.797	104.6	3.8	0.9
1845	6/22/2015 20:46:10	17.02	50.85	33.42	8.33	8.00	5.5	2.746	105.5	3.4	0.8
1846	6/22/2015 21:01:10	17.01	50.87	33.44	8.32	8.00	6.5	2.675	105.3	3.5	0.8
1847	6/22/2015 21:16:10	16.83	50.92	33.47	8.39	8.00	6.9	2.616	105.9	4.0	0.9
1848	6/22/2015 21:31:10	17.14	50.96	33.51	8.49	8.01	7.5	2.562	107.9	4.2	1.0
1849	6/22/2015 21:46:10	17.34	50.89	33.45	8.53	8.02	7.5	2.507	108.7	4.7	1.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1850	6/22/2015 22:01:10	17.57	50.87	33.44	8.53	8.03	6.9	2.448	109.2	4.2	1.0
1851	6/22/2015 22:16:10	17.97	50.98	33.53	8.34	8.02	7.1	2.407	107.6	3.7	0.9
1852	6/22/2015 22:31:10	18.18	51.10	33.62	8.34	8.02	6.8	2.373	108.1	4.4	1.0
1853	6/22/2015 22:46:10	18.17	50.98	33.53	8.30	8.02	6.9	2.340	107.6	4.6	1.1
1854	6/22/2015 23:01:10	18.46	51.05	33.58	8.16	8.01	6.2	2.310	106.3	4.7	1.1
1855	6/22/2015 23:16:10	18.63	51.13	33.64	8.17	8.01	6.2	2.304	106.8	4.4	1.0
1856	6/22/2015 23:31:10	18.71	51.14	33.64	8.16	8.02	7.7	2.303	106.8	4.4	1.0
1857	6/22/2015 23:46:10	18.58	51.13	33.64	8.25	8.02	6.9	2.307	107.7	4.0	0.9
1858	6/23/2015 00:01:10	18.39	51.02	33.56	8.26	8.02	6.1	2.324	107.5	4.7	1.1
1859	6/23/2015 00:16:10	18.31	51.07	33.59	8.25	8.01	6.9	2.349	107.1	4.2	1.0
1860	6/23/2015 00:31:10	18.38	51.06	33.58	8.25	8.01	6.4	2.388	107.3	4.3	1.0
1861	6/23/2015 00:46:10	18.26	51.03	33.57	8.21	8.01	5.9	2.441	106.6	4.8	1.1
1862	6/23/2015 01:01:10	18.17	50.85	33.43	8.08	7.99	6.4	2.477	104.6	4.1	1.0
1863	6/23/2015 01:16:10	18.28	50.90	33.46	7.92	7.98	6.7	2.523	102.7	4.1	1.0
1864	6/23/2015 01:31:10	18.05	50.98	33.52	7.98	7.98	5.7	2.582	103.2	4.1	1.0
1865	6/23/2015 01:46:10	17.81	50.92	33.48	8.04	7.98	5.4	2.629	103.4	3.8	0.9
1866	6/23/2015 02:01:10	17.67	50.92	33.48	8.04	7.98	5.1	2.670	103.1	3.9	0.9
1867	6/23/2015 02:16:10	17.33	50.89	33.46	8.03	7.97	5.1	2.718	102.3	4.4	1.0
1868	6/23/2015 02:31:10	16.81	50.88	33.44	8.01	7.97	4.3	2.773	101.0	3.7	0.9
1869	6/23/2015 02:46:10	16.43	50.73	33.32	7.96	7.96	4.0	2.817	99.6	4.0	0.9
1870	6/23/2015 03:01:10	16.25	50.72	33.32	7.91	7.95	4.1	2.860	98.6	5.1	1.2
1871	6/23/2015 03:16:10	15.99	50.75	33.33	7.89	7.95	3.5	2.902	97.9	3.8	0.9
1872	6/23/2015 03:31:10	15.77	50.73	33.31	7.89	7.95	3.5	2.948	97.4	4.3	1.0
1873	6/23/2015 03:46:10	15.56	50.75	33.32	7.91	7.95	3.2	2.982	97.3	4.3	1.0
1874	6/23/2015 04:01:10	15.45	50.76	33.33	7.90	7.95	3.1	3.015	97.0	4.4	1.0
1875	6/23/2015 04:16:10	15.40	50.58	33.19	7.90	7.95	3.0	3.050	96.8	3.8	0.9
1876	6/23/2015 04:31:10	15.33	50.70	33.29	7.88	7.95	2.7	3.074	96.4	3.9	0.9
1877	6/23/2015 04:46:11	15.33	50.72	33.30	7.68	7.94	3.1	3.078	94.0	3.6	0.8
1878	6/23/2015 05:01:11	15.20	50.75	33.32	7.44	7.92	2.6	3.105	90.8	4.2	1.0
1879	6/23/2015 05:16:11	15.16	50.71	33.29	7.24	7.91	2.3	3.094	88.4	4.0	0.9
1880	6/23/2015 05:31:11	15.23	50.71	33.28	7.58	7.93	2.9	3.076	92.6	3.0	0.7
1881	6/23/2015 05:46:10	15.26	50.73	33.30	7.65	7.93	2.4	3.056	93.6	2.8	0.7
1882	6/23/2015 06:01:10	15.40	50.75	33.32	7.62	7.93	3.2	3.020	93.5	3.1	0.7
1883	6/23/2015 06:16:10	16.33	50.91	33.46	7.12	7.92	8.9	2.972	88.9	2.5	0.6
1884	6/23/2015 06:31:10	16.39	50.87	33.42	6.92	7.90	8.7	2.907	86.6	2.9	0.7
1885	6/23/2015 06:46:10	16.04	50.84	33.40	7.21	7.91	8.3	2.852	89.6	3.7	0.9
1886	6/23/2015 07:01:11	16.26	50.89	33.44	7.19	7.91	6.6	2.783	89.7	2.9	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1887	6/23/2015 07:16:11	16.30	50.85	33.41	7.16	7.90	6.4	2.721	89.5	3.2	0.8
1888	6/23/2015 07:31:10	16.58	50.90	33.45	6.99	7.90	5.9	2.638	87.8	3.1	0.7
1889	6/23/2015 07:46:10	16.79	50.87	33.44	6.88	7.89	7.3	2.558	86.7	2.5	0.6
1890	6/23/2015 08:01:10	16.71	51.01	33.54	6.97	7.90	6.5	2.505	87.8	2.8	0.7
1891	6/23/2015 08:16:10	16.63	50.91	33.46	6.99	7.90	6.6	2.417	87.8	3.4	0.8
1892	6/23/2015 08:31:10	17.12	51.06	33.58	6.92	7.90	6.7	2.328	87.9	3.0	0.7
1893	6/23/2015 08:46:10	16.91	51.01	33.54	6.98	7.90	6.1	2.263	88.3	3.1	0.7
1894	6/23/2015 09:01:10	17.22	50.93	33.49	6.99	7.90	5.7	2.185	89.0	3.0	0.7
1895	6/23/2015 09:16:10	17.35	51.03	33.56	7.02	7.91	5.6	2.119	89.5	2.9	0.7
1896	6/23/2015 09:31:10	17.25	51.01	33.54	7.21	7.91	5.6	2.037	91.8	2.9	0.7
1897	6/23/2015 09:46:10	17.32	51.03	33.56	7.45	7.93	5.8	1.974	94.9	3.1	0.7
1898	6/23/2015 10:01:10	17.73	51.08	33.60	7.44	7.94	5.7	1.944	95.6	2.7	0.6
1899	6/23/2015 10:16:10	17.81	51.05	33.57	7.40	7.94	5.5	1.873	95.2	3.4	0.8
1900	6/23/2015 10:31:10	17.89	51.10	33.62	7.72	7.96	5.0	1.842	99.5	2.8	0.6
1901	6/23/2015 10:46:10	18.01	51.10	33.61	7.72	7.96	5.0	1.828	99.8	2.8	0.7
1902	6/23/2015 11:01:10	18.12	51.08	33.60	7.22	7.93	4.4	1.820	93.4	2.9	0.7
1903	6/23/2015 11:16:10	18.07	51.14	33.65	7.72	7.96	5.3	1.805	99.9	3.8	0.9
1904	6/23/2015 11:31:10	18.27	51.10	33.62	7.59	7.95	4.9	1.820	98.5	3.7	0.9
1905	6/23/2015 11:46:10	18.17	51.22	33.71	7.38	7.95	5.0	1.858	95.7	3.8	0.9
1906	6/23/2015 12:01:10	18.19	51.06	33.59	7.32	7.94	5.2	1.879	94.9	4.0	0.9
1907	6/23/2015 12:16:10	18.31	51.05	33.58	7.19	7.94	5.7	1.922	93.3	4.2	1.0
1908	6/23/2015 12:31:10	18.21	51.14	33.65	7.18	7.94	5.7	1.980	93.1	9.8	2.3
1909	6/23/2015 12:46:10	18.14	51.07	33.59	7.17	7.93	5.7	2.039	92.9	5.2	1.2
1910	6/23/2015 13:01:10	18.09	51.09	33.61	7.18	7.93	5.7	2.091	92.9	4.3	1.0
1911	6/23/2015 13:16:10	18.00	51.06	33.59	7.15	7.92	5.3	2.153	92.3	6.2	1.5
1912	6/23/2015 13:31:10	17.97	51.05	33.58	7.07	7.92	5.5	2.222	91.3	6.2	1.5
1913	6/23/2015 13:46:10	17.91	51.05	33.58	7.07	7.92	6.0	2.307	91.1	6.6	1.6
1914	6/23/2015 14:01:10	17.87	51.10	33.61	7.16	7.92	5.2	2.353	92.2	3.6	0.9
1915	6/23/2015 14:16:11	17.77	51.04	33.57	7.14	7.92	5.3	2.421	91.8	3.7	0.9
1916	6/23/2015 14:31:10	17.57	50.99	33.53	7.22	7.92	5.4	2.515	92.4	3.3	0.8
1917	6/23/2015 14:46:10	17.28	50.88	33.44	7.38	7.93	5.3	2.568	94.0	4.0	0.9
1918	6/23/2015 15:01:10	17.11	50.81	33.39	7.53	7.93	4.8	2.650	95.5	4.2	1.0
1919	6/23/2015 15:16:10	16.90	50.85	33.42	7.60	7.94	4.7	2.719	96.0	6.8	1.6
1920	6/23/2015 15:31:10	16.66	50.87	33.43	7.64	7.94	4.5	2.797	96.0	7.7	1.8
1921	6/23/2015 15:46:11	16.54	50.88	33.44	7.67	7.94	5.6	2.871	96.2	6.6	1.5
1922	6/23/2015 16:01:10	16.39	50.79	33.37	7.77	7.95	5.1	2.928	97.2	5.3	1.3
1923	6/23/2015 16:16:10	16.12	50.68	33.29	7.91	7.95	4.5	3.005	98.4	9.0	2.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1924	6/23/2015 16:31:10	15.61	50.68	33.28	8.14	7.97	5.3	3.065	100.2	9.9	2.3
1925	6/23/2015 16:46:10	15.32	50.66	33.25	8.45	7.99	5.0	3.129	103.4	5.7	1.3
1926	6/23/2015 17:01:11	14.99	50.59	33.19	8.74	8.00	4.5	3.182	106.2	5.1	1.2
1927	6/23/2015 17:16:10	14.78	50.52	33.14	8.88	8.01	4.3	3.239	107.4	6.1	1.4
1928	6/23/2015 17:31:11	14.57	50.65	33.23	8.98	8.02	4.4	3.297	108.2	5.8	1.4
1929	6/23/2015 17:46:11	14.45	50.57	33.16	9.07	8.03	3.9	3.327	109.0	6.1	1.4
1930	6/23/2015 18:01:10	14.31	50.46	33.08	9.16	8.03	3.8	3.359	109.8	6.2	1.5
1931	6/23/2015 18:16:10	14.03	50.60	33.17	9.31	8.04	4.0	3.386	110.9	7.9	1.8
1932	6/23/2015 18:31:11	14.00	50.57	33.15	9.03	8.02	2.5	3.397	107.5	5.1	1.2
1933	6/23/2015 18:46:10	14.05	50.53	33.12	8.93	8.02	2.4	3.391	106.4	4.7	1.1
1934	6/23/2015 19:01:10	14.16	50.54	33.13	9.00	8.03	2.5	3.369	107.5	3.7	0.9
1935	6/23/2015 19:16:10	14.36	50.57	33.16	8.91	8.02	3.4	3.324	106.9	3.1	0.7
1936	6/23/2015 19:31:10	14.75	50.60	33.20	8.75	8.01	3.4	3.270	105.8	3.5	0.8
1937	6/23/2015 19:46:10	15.86	50.70	33.29	8.68	8.02	5.6	3.210	107.4	5.1	1.2
1938	6/23/2015 20:01:10	15.05	50.68	33.26	8.82	8.02	5.3	3.149	107.4	5.8	1.4
1939	6/23/2015 20:16:10	15.64	50.72	33.30	8.78	8.03	5.1	3.073	108.2	6.2	1.5
1940	6/23/2015 20:31:10	16.50	50.77	33.35	8.69	8.03	5.9	2.997	108.9	4.5	1.1
1941	6/23/2015 20:46:10	16.53	50.75	33.34	8.64	8.02	6.1	2.938	108.3	4.7	1.1
1942	6/23/2015 21:01:10	16.60	50.86	33.42	8.36	8.00	5.2	2.886	105.1	4.3	1.0
1943	6/23/2015 21:16:10	16.63	50.88	33.44	8.30	8.00	5.7	2.808	104.3	5.2	1.2
1944	6/23/2015 21:31:10	16.90	50.86	33.43	8.23	8.00	5.6	2.737	104.0	3.9	0.9
1945	6/23/2015 21:46:10	17.19	50.72	33.33	8.14	7.99	6.2	2.686	103.3	4.4	1.0
1946	6/23/2015 22:01:10	16.57	50.80	33.38	8.20	7.99	6.7	2.639	102.9	4.9	1.1
1947	6/23/2015 22:16:10	16.93	50.83	33.41	7.96	7.98	7.0	2.563	100.6	4.7	1.1
1948	6/23/2015 22:31:10	16.76	50.86	33.43	7.88	7.97	7.4	2.502	99.2	4.4	1.0
1949	6/23/2015 22:46:10	17.11	50.91	33.46	7.78	7.97	7.9	2.452	98.7	4.3	1.0
1950	6/23/2015 23:01:10	17.43	50.95	33.50	7.81	7.98	7.8	2.410	99.8	4.4	1.0
1951	6/23/2015 23:16:10	17.94	50.97	33.52	7.86	8.00	7.8	2.340	101.3	4.3	1.0
1952	6/23/2015 23:31:10	18.21	51.03	33.57	7.80	8.00	7.0	2.301	101.2	4.6	1.1
1953	6/23/2015 23:46:10	18.12	51.20	33.69	7.78	8.00	7.2	2.269	100.8	4.7	1.1
1954	6/24/2015 00:01:10	18.45	51.07	33.59	7.68	8.00	7.1	2.245	100.1	4.9	1.1
1955	6/24/2015 00:16:10	18.48	51.07	33.59	7.53	7.99	6.5	2.223	98.1	4.2	1.0
1956	6/24/2015 00:31:10	18.65	51.01	33.55	7.37	7.97	5.4	2.212	96.4	5.6	1.3
1957	6/24/2015 00:46:10	18.60	51.19	33.68	7.67	8.00	7.2	2.220	100.3	5.2	1.2
1958	6/24/2015 01:01:10	18.49	51.17	33.67	7.80	8.01	6.9	2.237	101.7	5.3	1.2
1959	6/24/2015 01:16:10	18.47	51.04	33.57	7.76	8.00	7.2	2.258	101.1	5.3	1.2
1960	6/24/2015 01:31:10	18.33	51.06	33.59	7.73	7.99	6.9	2.290	100.4	4.1	1.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1961	6/24/2015 01:46:10	18.31	51.06	33.59	7.76	8.00	6.8	2.335	100.8	4.3	1.0
1962	6/24/2015 02:01:10	18.20	51.04	33.57	7.70	7.98	6.1	2.370	99.8	4.2	1.0
1963	6/24/2015 02:16:10	18.14	50.92	33.48	7.60	7.97	6.1	2.430	98.4	4.2	1.0
1964	6/24/2015 02:31:10	18.08	50.93	33.49	7.50	7.97	6.6	2.474	97.0	4.9	1.2
1965	6/24/2015 02:46:10	17.93	50.93	33.49	7.60	7.97	5.5	2.519	98.0	4.4	1.0
1966	6/24/2015 03:01:10	17.79	50.99	33.53	7.65	7.97	5.6	2.565	98.4	4.4	1.0
1967	6/24/2015 03:16:10	17.66	50.80	33.39	7.70	7.97	5.0	2.618	98.7	3.7	0.9
1968	6/24/2015 03:31:10	17.54	50.98	33.52	7.69	7.97	4.8	2.659	98.4	4.7	1.1
1969	6/24/2015 03:46:10	17.18	50.86	33.43	7.72	7.96	4.3	2.699	98.0	4.1	1.0
1970	6/24/2015 04:01:10	16.94	50.83	33.41	7.73	7.96	3.9	2.740	97.8	4.4	1.0
1971	6/24/2015 04:16:10	16.60	50.81	33.39	7.77	7.96	4.4	2.779	97.5	4.5	1.1
1972	6/24/2015 04:31:10	16.30	50.80	33.37	7.79	7.95	3.7	2.819	97.2	4.3	1.0
1973	6/24/2015 04:46:10	16.13	50.68	33.28	7.84	7.96	3.5	2.853	97.4	4.4	1.0
1974	6/24/2015 05:01:10	16.01	50.65	33.26	7.84	7.96	3.4	2.881	97.3	4.1	1.0
1975	6/24/2015 05:16:10	15.90	50.73	33.32	7.87	7.96	3.5	2.920	97.4	4.6	1.1
1976	6/24/2015 05:31:10	15.74	50.68	33.28	7.89	7.96	3.5	2.941	97.3	4.3	1.0
1977	6/24/2015 05:46:10	15.70	50.73	33.31	7.82	7.96	3.3	2.955	96.4	4.2	1.0
1978	6/24/2015 06:01:10	15.60	50.67	33.27	7.83	7.96	2.6	2.976	96.4	3.8	0.9
1979	6/24/2015 06:16:10	15.60	50.72	33.30	7.50	7.94	2.6	2.964	92.3	3.5	0.8
1980	6/24/2015 06:31:10	15.62	50.67	33.27	7.66	7.94	2.6	2.961	94.3	2.3	0.5
1981	6/24/2015 06:46:10	15.57	50.71	33.29	7.77	7.95	2.6	2.945	95.5	2.5	0.6
1982	6/24/2015 07:01:10	15.63	50.59	33.21	7.74	7.95	3.7	2.901	95.2	2.5	0.6
1983	6/24/2015 07:16:10	16.07	50.62	33.24	7.59	7.94	4.0	2.870	94.2	2.4	0.6
1984	6/24/2015 07:31:10	16.59	50.81	33.39	7.22	7.93	5.8	2.825	90.6	2.9	0.7
1985	6/24/2015 07:46:10	16.59	50.91	33.46	7.11	7.91	6.2	2.774	89.3	2.6	0.6
1986	6/24/2015 08:01:10	16.44	50.92	33.46	7.23	7.92	6.2	2.715	90.6	3.1	0.7
1987	6/24/2015 08:16:10	16.58	50.79	33.37	7.25	7.92	6.1	2.641	90.9	3.2	0.8
1988	6/24/2015 08:31:10	16.56	50.96	33.50	7.21	7.92	5.9	2.591	90.5	2.9	0.7
1989	6/24/2015 08:46:10	17.18	50.91	33.47	6.85	7.91	6.1	2.532	87.1	3.3	0.8
1990	6/24/2015 09:01:10	17.23	50.89	33.45	6.97	7.91	5.7	2.463	88.7	3.5	0.8
1991	6/24/2015 09:16:10	17.12	50.93	33.48	6.91	7.90	5.7	2.394	87.7	3.4	0.8
1992	6/24/2015 09:31:10	17.17	50.97	33.51	7.18	7.91	5.9	2.347	91.3	3.8	0.9
1993	6/24/2015 09:46:11	17.55	51.06	33.58	6.88	7.91	5.6	2.283	88.1	3.8	0.9
1994	6/24/2015 10:01:10	17.41	50.95	33.50	7.25	7.92	6.0	2.206	92.6	3.8	0.9
1995	6/24/2015 10:16:10	17.60	50.89	33.45	7.28	7.92	5.8	2.159	93.3	3.1	0.7
1996	6/24/2015 10:31:10	17.60	51.00	33.54	7.35	7.92	5.4	2.111	94.2	3.9	0.9
1997	6/24/2015 10:46:10	17.71	50.86	33.43	7.19	7.91	5.1	2.066	92.3	2.7	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
1998	6/24/2015 11:01:10	17.86	50.94	33.50	7.26	7.92	5.1	2.032	93.4	2.8	0.7
1999	6/24/2015 11:16:10	17.89	51.04	33.57	7.14	7.91	4.9	1.988	92.0	2.5	0.6
2000	6/24/2015 11:31:10	17.99	51.02	33.55	6.92	7.90	5.1	1.983	89.3	2.4	0.6
2001	6/24/2015 11:46:10	18.06	51.03	33.56	6.17	7.87	5.3	1.973	79.8	1.8	0.4
2002	6/24/2015 12:01:10	18.00	50.93	33.49	7.58	7.94	5.3	1.965	97.9	3.7	0.9
2003	6/24/2015 12:16:10	18.03	50.98	33.53	7.26	7.93	5.6	1.975	93.8	4.7	1.1
2004	6/24/2015 12:31:10	18.13	51.04	33.57	7.04	7.93	5.6	1.988	91.1	4.3	1.0
2005	6/24/2015 12:46:10	18.16	51.05	33.58	7.03	7.93	5.7	2.022	91.1	4.5	1.0
2006	6/24/2015 13:01:10	18.21	51.01	33.55	7.04	7.93	5.5	2.042	91.3	4.6	1.1
2007	6/24/2015 13:16:10	18.31	51.07	33.59	6.95	7.93	5.9	2.077	90.3	5.5	1.3
2008	6/24/2015 13:31:10	18.23	50.99	33.54	7.05	7.93	5.6	2.131	91.5	4.6	1.1
2009	6/24/2015 13:46:10	18.11	50.88	33.45	7.01	7.92	5.7	2.177	90.7	4.5	1.1
2010	6/24/2015 14:01:10	18.13	50.92	33.48	7.09	7.93	5.1	2.237	91.8	4.5	1.1
2011	6/24/2015 14:16:10	18.02	51.01	33.55	7.04	7.92	5.4	2.290	90.9	4.3	1.0
2012	6/24/2015 14:31:10	17.94	50.96	33.51	7.03	7.92	5.7	2.357	90.7	4.2	1.0
2013	6/24/2015 14:46:10	17.88	51.05	33.57	6.99	7.92	5.7	2.430	90.1	4.0	0.9
2014	6/24/2015 15:01:10	17.82	50.98	33.53	7.05	7.92	5.7	2.492	90.7	4.4	1.0
2015	6/24/2015 15:16:10	17.51	50.95	33.50	7.23	7.93	5.9	2.557	92.5	3.7	0.9
2016	6/24/2015 15:31:10	17.21	50.84	33.41	7.46	7.94	5.3	2.630	94.8	4.1	1.0
2017	6/24/2015 15:46:10	17.06	50.73	33.34	7.73	7.96	5.3	2.703	97.9	4.9	1.2
2018	6/24/2015 16:01:10	16.71	50.69	33.30	7.88	7.96	4.8	2.769	99.1	4.3	1.0
2019	6/24/2015 16:16:11	16.50	50.76	33.35	7.89	7.96	4.5	2.837	98.9	4.7	1.1
2020	6/24/2015 16:31:11	16.34	50.72	33.31	7.98	7.97	4.3	2.901	99.6	4.9	1.1
2021	6/24/2015 16:46:10	16.20	50.59	33.22	8.15	7.98	5.1	2.966	101.5	4.8	1.1
2022	6/24/2015 17:01:10	16.03	50.69	33.29	8.35	7.99	4.3	3.039	103.7	4.8	1.1
2023	6/24/2015 17:16:10	15.82	50.67	33.27	8.52	8.00	4.7	3.093	105.4	5.6	1.3
2024	6/24/2015 17:31:11	15.48	50.63	33.24	8.83	8.02	4.7	3.158	108.4	6.2	1.5
2025	6/24/2015 17:46:11	15.21	50.59	33.20	9.04	8.04	4.7	3.226	110.4	5.9	1.4
2026	6/24/2015 18:01:10	15.04	50.53	33.15	9.28	8.05	4.3	3.271	112.8	7.1	1.7
2027	6/24/2015 18:16:10	14.91	50.51	33.13	9.38	8.06	4.0	3.325	113.8	6.3	1.5
2028	6/24/2015 18:31:10	14.65	50.52	33.13	9.52	8.07	3.4	3.367	114.8	5.1	1.2
2029	6/24/2015 18:46:11	14.42	50.61	33.19	9.60	8.07	3.7	3.395	115.4	5.5	1.3
2030	6/24/2015 19:01:11	14.36	50.58	33.17	9.54	8.07	3.5	3.422	114.5	7.5	1.8
2031	6/24/2015 19:16:11	14.65	50.32	32.99	9.21	8.05	3.4	3.422	111.0	4.5	1.1
2032	6/24/2015 19:31:11	14.48	50.48	33.10	9.35	8.06	2.6	3.415	112.5	4.3	1.0
2033	6/24/2015 19:46:10	14.51	50.47	33.09	9.35	8.06	3.5	3.404	112.5	4.0	0.9
2034	6/24/2015 20:01:11	14.65	50.51	33.13	9.26	8.06	3.1	3.357	111.7	3.4	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
2035	6/24/2015 20:16:10	15.16	50.37	33.03	9.01	8.04	3.7	3.303	109.7	3.5	0.8
2036	6/24/2015 20:31:10	15.84	50.56	33.19	8.69	8.03	6.4	3.241	107.3	5.7	1.3
2037	6/24/2015 20:46:10	15.56	50.65	33.25	9.10	8.05	6.7	3.180	111.9	9.9	2.3
2038	6/24/2015 21:01:11	17.05	50.80	33.39	9.17	8.07	6.9	3.100	116.2	8.9	2.1
2039	6/24/2015 21:16:10	16.94	50.73	33.33	8.94	8.05	7.2	3.026	113.0	6.0	1.4
2040	6/24/2015 21:31:10	16.95	50.72	33.33	8.75	8.04	6.1	2.959	110.5	5.1	1.2
2041	6/24/2015 21:46:10	16.95	50.76	33.36	8.53	8.02	5.1	2.888	107.9	5.3	1.3
2042	6/24/2015 22:01:10	16.96	50.80	33.38	8.56	8.02	5.2	2.822	108.2	3.7	0.9
2043	6/24/2015 22:16:10	17.26	50.79	33.38	8.62	8.03	5.8	2.746	109.6	4.4	1.0
2044	6/24/2015 22:31:10	17.62	50.81	33.40	8.41	8.02	6.4	2.681	107.7	4.9	1.2
2045	6/24/2015 22:46:10	17.50	50.90	33.46	8.19	8.00	7.4	2.613	104.7	7.9	1.9
2046	6/24/2015 23:01:10	17.52	50.86	33.44	8.14	8.00	7.0	2.544	104.1	5.7	1.3
2047	6/24/2015 23:16:10	17.71	50.72	33.33	8.07	8.00	7.8	2.477	103.5	5.2	1.2
2048	6/24/2015 23:31:10	18.03	50.85	33.43	8.12	8.01	8.1	2.411	104.8	7.3	1.7
2049	6/24/2015 23:46:10	18.20	50.94	33.49	7.96	8.01	7.6	2.343	103.1	4.9	1.1
2050	6/25/2015 00:01:10	18.24	50.98	33.53	7.93	8.01	7.8	2.279	102.8	5.9	1.4
2051	6/25/2015 00:16:10	18.54	50.94	33.50	7.86	8.00	7.2	2.227	102.5	4.4	1.0
2052	6/25/2015 00:31:10	18.84	51.05	33.58	7.85	8.01	6.3	2.172	103.0	5.2	1.2
2053	6/25/2015 00:46:10	18.70	51.10	33.62	7.75	8.00	6.5	2.131	101.5	4.8	1.1
2054	6/25/2015 01:01:10	18.98	51.12	33.63	7.87	8.01	6.3	2.108	103.6	5.1	1.2
2055	6/25/2015 01:16:10	19.10	51.00	33.54	7.50	7.99	5.7	2.089	98.9	5.3	1.2
2056	6/25/2015 01:31:09	19.22	51.01	33.55	7.00	7.96	5.5	2.076	92.5	4.9	1.2
2057	6/25/2015 01:46:10	19.32	51.14	33.65	7.79	8.01	6.3	2.091	103.1	5.0	1.2
2058	6/25/2015 02:01:10	19.22	51.15	33.65	7.81	8.01	6.7	2.106	103.3	4.9	1.2
2059	6/25/2015 02:16:10	19.05	50.94	33.50	7.81	8.00	6.8	2.142	102.8	5.6	1.3
2060	6/25/2015 02:31:10	19.03	51.10	33.62	7.82	8.00	6.7	2.169	102.9	5.5	1.3
2061	6/25/2015 02:46:10	18.95	51.09	33.61	7.83	8.00	6.2	2.215	103.0	4.9	1.1
2062	6/25/2015 03:01:10	18.89	51.06	33.59	7.78	8.00	6.2	2.270	102.2	4.4	1.0
2063	6/25/2015 03:16:10	18.98	51.06	33.58	7.53	7.98	6.9	2.313	99.0	4.7	1.1
2064	6/25/2015 03:31:10	18.96	51.10	33.62	7.42	7.97	6.9	2.365	97.6	4.9	1.2
2065	6/25/2015 03:46:10	18.75	50.99	33.54	7.59	7.98	6.2	2.415	99.4	5.2	1.2
2066	6/25/2015 04:01:10	18.64	51.02	33.56	7.63	7.98	5.9	2.463	99.7	4.7	1.1
2067	6/25/2015 04:16:10	18.52	50.86	33.44	7.67	7.98	6.1	2.501	99.9	4.8	1.1
2068	6/25/2015 04:31:10	18.43	50.80	33.40	7.67	7.98	5.4	2.539	99.8	4.7	1.1
2069	6/25/2015 04:46:10	17.92	50.75	33.36	7.78	7.97	5.1	2.596	100.2	4.5	1.1
2070	6/25/2015 05:01:10	17.64	50.90	33.46	7.79	7.97	4.8	2.628	99.8	4.3	1.0
2071	6/25/2015 05:16:10	17.40	50.85	33.43	7.80	7.97	4.8	2.662	99.5	4.4	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	Fluorescence %FS
2072	6/25/2015 05:31:10	17.08	50.75	33.35	7.84	7.97	21.3	2.713	99.4	5.0	1.2
2073	6/25/2015 05:46:10	16.89	50.76	33.36	7.86	7.97	4.0	2.741	99.2	4.1	1.0
2074	6/25/2015 06:01:10	16.74	50.74	33.34	7.90	7.97	3.9	2.782	99.5	3.8	0.9
2075	6/25/2015 06:16:10	16.60	50.75	33.34	7.93	7.97	3.6	2.810	99.6	4.0	0.9
2076	6/25/2015 06:31:11	16.53	50.76	33.35	7.92	7.97	3.6	2.836	99.3	3.6	0.8
2077	6/25/2015 06:46:11	16.50	50.74	33.33	7.89	7.97	3.7	2.865	98.8	3.8	0.9
2078	6/25/2015 07:01:10	16.48	50.80	33.38	7.86	7.97	3.7	2.874	98.5	3.5	0.8
2079	6/25/2015 07:16:10	16.56	50.78	33.36	7.50	7.95	3.2	2.887	94.1	4.5	1.1
2080	6/25/2015 07:31:10	16.42	50.71	33.31	7.52	7.95	2.3	2.882	94.0	3.3	0.8
2081	6/25/2015 07:46:11	16.33	50.71	33.31	7.74	7.96	2.8	2.884	96.7	2.5	0.6
2082	6/25/2015 08:01:10	16.41	50.60	33.23	7.68	7.96	3.1	2.864	96.0	2.3	0.5
2083	6/25/2015 08:16:10	16.45	50.71	33.31	7.73	7.96	3.8	2.827	96.7	2.6	0.6
	Mean	16.28	51.16	33.63	7.78	7.99	7.79	2.63	97.19	4.36	1.02
	Minimum	11.44	50.32	32.99	6.17	7.86	1.70	0.96	78.10	1.80	0.40
	Maximum	19.73	51.70	34.06	10.35	8.19	73.70	4.04	124.70	14.90	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

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 #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
0	6/25/2015 09:00:51	17.19	51.71	34.05	7.60	8.09	4.7	2.693	96.9	3.5	0.8
1	6/25/2015 09:15:51	17.59	51.80	34.13	7.17	8.07	6.4	2.635	92.1	4.2	1.0
2	6/25/2015 09:30:51	17.78	51.83	34.15	7.12	8.07	7.5	2.579	91.8	3.3	0.8
3	6/25/2015 09:45:51	17.98	51.79	34.12	7.18	8.08	5.6	2.528	93.0	3.6	0.8
4	6/25/2015 10:00:51	18.04	51.82	34.14	7.18	8.08	6.3	2.474	93.1	3.1	0.7
5	6/25/2015 10:15:51	18.14	51.83	34.15	7.06	8.07	6.4	2.412	91.7	2.3	0.5
6	6/25/2015 10:30:51	18.27	51.84	34.16	7.10	8.08	5.6	2.365	92.5	3.5	0.8
7	6/25/2015 10:45:51	18.32	51.83	34.15	7.14	8.08	6.1	2.316	93.1	4.2	1.0
8	6/25/2015 11:00:51	18.45	51.85	34.17	7.00	8.07	5.7	2.263	91.5	3.3	0.8
9	6/25/2015 11:15:51	18.59	51.85	34.17	7.07	8.08	5.7	2.228	92.6	3.4	0.8
10	6/25/2015 11:30:51	18.61	51.87	34.19	7.02	8.08	5.4	2.172	92.0	3.2	0.8
11	6/25/2015 11:45:51	18.71	51.88	34.19	7.07	8.08	7.9	2.130	92.9	3.4	0.8
12	6/25/2015 12:00:51	18.84	51.90	34.21	7.09	8.10	6.7	2.118	93.3	3.5	0.8
13	6/25/2015 12:15:51	18.84	51.91	34.21	7.12	8.10	5.2	2.087	93.7	3.3	0.8
14	6/25/2015 12:30:51	18.85	51.87	34.19	7.02	8.09	5.4	2.060	92.5	4.2	1.0
15	6/25/2015 12:45:51	18.90	51.87	34.18	7.01	8.09	4.9	2.061	92.4	3.6	0.9
16	6/25/2015 13:00:51	18.87	51.87	34.18	7.34	8.10	7.7	2.056	96.7	4.5	1.1
17	6/25/2015 13:15:51	18.72	51.87	34.19	7.32	8.10	8.8	2.072	96.1	5.0	1.2
18	6/25/2015 13:30:51	18.75	51.89	34.20	7.30	8.10	9.0	2.082	96.0	5.2	1.2
19	6/25/2015 13:45:51	18.92	51.91	34.21	7.36	8.11	6.1	2.109	97.0	5.5	1.3
20	6/25/2015 14:00:51	18.87	51.92	34.22	7.40	8.12	5.8	2.152	97.5	5.5	1.3
21	6/25/2015 14:15:51	18.81	51.92	34.22	7.38	8.11	6.3	2.188	97.2	5.7	1.4
22	6/25/2015 14:30:51	18.71	51.91	34.22	7.39	8.11	6.1	2.235	97.1	5.3	1.3
23	6/25/2015 14:45:51	18.76	51.88	34.19	7.44	8.11	5.4	2.292	97.8	5.3	1.3
24	6/25/2015 15:00:51	18.72	51.91	34.21	7.47	8.11	5.3	2.339	98.2	5.6	1.3
25	6/25/2015 15:15:51	18.43	51.89	34.20	7.49	8.11	5.0	2.406	97.8	5.1	1.2
26	6/25/2015 15:30:51	18.27	51.87	34.18	7.53	8.12	4.7	2.461	98.1	5.0	1.2
27	6/25/2015 15:45:51	18.05	51.85	34.16	7.62	8.12	5.0	2.517	98.8	4.6	1.1
28	6/25/2015 16:00:51	17.74	51.81	34.13	7.70	8.13	4.8	2.583	99.3	4.9	1.2
29	6/25/2015 16:15:51	17.50	51.76	34.10	7.82	8.14	4.8	2.642	100.3	5.6	1.3
30	6/25/2015 16:30:51	17.26	51.73	34.07	7.98	8.15	4.7	2.712	101.9	4.7	1.1
31	6/25/2015 16:45:51	17.00	51.69	34.04	8.20	8.16	4.9	2.772	104.2	5.7	1.3
32	6/25/2015 17:00:52	16.73	51.66	34.02	8.39	8.18	4.2	2.837	106.1	5.6	1.3
33	6/25/2015 17:15:52	16.61	51.66	34.01	8.45	8.18	5.1	2.904	106.6	4.8	1.2
34	6/25/2015 17:30:52	16.52	51.66	34.01	8.41	8.18	4.2	2.968	105.8	5.5	1.3
35	6/25/2015 17:45:51	16.32	51.63	33.98	8.47	8.19	4.3	3.038	106.2	4.8	1.1
36	6/25/2015 18:00:52	16.33	51.63	33.98	8.62	8.20	5.1	3.096	108.1	5.2	1.2

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
37	6/25/2015 18:15:52	15.89	51.59	33.95	8.87	8.22	4.5	3.164	110.3	5.5	1.3
38	6/25/2015 18:30:51	15.48	51.53	33.90	9.32	8.25	4.9	3.234	114.9	7.0	1.7
39	6/25/2015 18:45:51	15.31	51.53	33.89	9.60	8.27	3.6	3.280	117.9	7.6	1.8
40	6/25/2015 19:00:52	15.16	51.53	33.88	9.74	8.29	3.5	3.327	119.3	8.3	2.0
41	6/25/2015 19:15:51	15.04	51.52	33.87	9.80	8.30	3.8	3.374	119.7	7.5	1.8
42	6/25/2015 19:30:51	14.91	51.51	33.87	9.93	8.30	3.7	3.406	120.9	7.6	1.8
43	6/25/2015 19:45:52	14.86	51.51	33.86	9.91	8.31	2.6	3.416	120.6	10.0	2.4
44	6/25/2015 20:00:52	15.11	51.62	33.95	9.58	8.29	3.1	3.424	117.2	6.5	1.6
45	6/25/2015 20:15:52	15.01	51.52	33.88	9.49	8.28	4.3	3.419	115.9	4.7	1.1
46	6/25/2015 20:30:52	14.97	51.52	33.88	9.60	8.29	3.7	3.392	117.1	4.8	1.2
47	6/25/2015 20:45:52	15.07	51.53	33.89	9.50	8.29	3.4	3.343	116.1	5.3	1.3
48	6/25/2015 21:00:52	15.45	51.58	33.93	9.21	8.27	4.5	3.290	113.5	3.8	0.9
49	6/25/2015 21:15:52	16.43	51.67	34.02	8.59	8.23	4.9	3.236	107.9	5.8	1.4
50	6/25/2015 21:30:52	16.03	51.61	33.97	9.06	8.26	5.0	3.165	112.9	7.0	1.7
51	6/25/2015 21:45:52	16.51	51.69	34.03	8.88	8.24	5.7	3.088	111.7	6.1	1.4
52	6/25/2015 22:00:52	17.35	51.76	34.09	8.76	8.24	5.7	3.021	112.1	6.4	1.5
53	6/25/2015 22:15:52	17.23	51.75	34.08	8.71	8.23	5.7	2.943	111.2	6.3	1.5
54	6/25/2015 22:30:52	17.40	51.77	34.10	8.56	8.22	5.6	2.870	109.6	5.9	1.4
55	6/25/2015 22:45:51	17.45	51.78	34.11	8.52	8.21	5.7	2.800	109.3	5.4	1.3
56	6/25/2015 23:00:51	17.94	51.82	34.15	8.46	8.21	6.1	2.725	109.5	5.6	1.3
57	6/25/2015 23:15:51	18.18	51.86	34.18	8.58	8.22	7.7	2.641	111.6	5.5	1.3
58	6/25/2015 23:30:51	18.62	51.95	34.24	8.53	8.21	7.9	2.571	111.9	5.7	1.3
59	6/25/2015 23:45:51	18.32	51.82	34.15	8.41	8.19	8.3	2.491	109.7	4.6	1.1
60	6/26/2015 00:00:51	18.29	51.89	34.20	8.32	8.19	7.8	2.417	108.5	5.9	1.4
61	6/26/2015 00:15:51	18.54	52.00	34.28	8.09	8.18	8.3	2.334	106.0	5.2	1.2
62	6/26/2015 00:30:51	18.76	51.99	34.27	8.04	8.18	8.2	2.266	105.8	5.6	1.3
63	6/26/2015 00:45:51	19.16	52.03	34.30	8.06	8.19	7.7	2.188	106.9	5.4	1.3
64	6/26/2015 01:00:51	19.31	52.05	34.32	8.07	8.19	7.0	2.123	107.2	5.5	1.3
65	6/26/2015 01:15:51	19.21	52.07	34.33	7.99	8.18	7.2	2.060	106.0	5.1	1.2
66	6/26/2015 01:30:51	19.42	52.09	34.34	8.00	8.19	6.1	2.000	106.6	5.4	1.3
67	6/26/2015 01:45:51	19.61	52.12	34.37	7.92	8.19	6.1	1.968	105.9	5.8	1.4
68	6/26/2015 02:00:51	19.72	52.12	34.37	7.83	8.18	5.6	1.929	104.9	4.9	1.2
69	6/26/2015 02:15:51	19.86	52.12	34.37	7.94	8.18	5.3	1.922	106.7	5.6	1.3
70	6/26/2015 02:30:51	19.87	52.15	34.39	7.68	8.17	4.5	1.893	103.2	5.0	1.2
71	6/26/2015 02:45:51	19.89	52.15	34.39	8.01	8.18	5.6	1.914	107.7	5.8	1.4
72	6/26/2015 03:00:51	19.87	52.16	34.40	8.01	8.18	5.6	1.945	107.7	5.2	1.2
73	6/26/2015 03:15:51	19.76	52.14	34.39	7.97	8.17	5.9	1.964	106.9	5.1	1.2

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
74	6/26/2015 03:30:51	19.64	52.12	34.37	7.97	8.17	6.1	2.001	106.7	5.1	1.2
75	6/26/2015 03:45:51	19.53	52.11	34.37	7.97	8.17	6.2	2.053	106.4	5.0	1.2
76	6/26/2015 04:00:51	19.46	52.10	34.36	7.93	8.16	5.8	2.112	105.7	4.0	1.0
77	6/26/2015 04:15:51	19.55	52.14	34.39	7.66	8.14	6.1	2.153	102.4	4.6	1.1
78	6/26/2015 04:30:51	19.78	52.20	34.43	7.32	8.12	7.9	2.209	98.3	5.6	1.3
79	6/26/2015 04:45:51	19.48	52.13	34.38	7.53	8.13	6.4	2.260	100.5	4.2	1.0
80	6/26/2015 05:00:51	19.33	52.11	34.36	7.57	8.13	6.1	2.310	100.8	5.0	1.2
81	6/26/2015 05:15:51	19.22	52.10	34.35	7.60	8.13	5.9	2.374	100.9	4.5	1.1
82	6/26/2015 05:30:51	19.03	52.06	34.33	7.63	8.13	5.4	2.406	100.9	5.2	1.3
83	6/26/2015 05:45:51	18.55	52.00	34.28	7.73	8.13	5.0	2.442	101.3	5.4	1.3
84	6/26/2015 06:00:52	18.28	51.97	34.26	7.75	8.14	4.2	2.510	101.0	4.8	1.1
85	6/26/2015 06:15:51	17.97	51.92	34.22	7.79	8.14	4.3	2.549	100.9	4.1	1.0
86	6/26/2015 06:30:51	17.64	51.87	34.18	7.87	8.14	4.0	2.587	101.3	3.6	0.9
87	6/26/2015 06:45:51	17.45	51.87	34.18	7.91	8.14	3.5	2.627	101.5	3.6	0.9
88	6/26/2015 07:00:51	17.38	51.86	34.17	7.92	8.15	3.4	2.679	101.5	3.6	0.8
89	6/26/2015 07:15:51	17.23	51.85	34.16	7.98	8.15	3.3	2.711	101.9	4.7	1.1
90	6/26/2015 07:30:52	17.13	51.85	34.16	7.99	8.15	3.1	2.745	101.8	3.5	0.8
91	6/26/2015 07:45:51	17.04	51.84	34.15	7.99	8.16	3.6	2.776	101.7	3.3	0.8
92	6/26/2015 08:00:51	17.00	51.83	34.14	8.04	8.16	3.4	2.807	102.2	4.7	1.1
93	6/26/2015 08:15:52	16.93	51.83	34.14	8.06	8.16	3.4	2.831	102.3	5.0	1.2
94	6/26/2015 08:30:52	16.80	51.80	34.12	7.95	8.16	2.6	2.836	100.6	4.1	1.0
95	6/26/2015 08:45:51	16.91	51.88	34.18	7.65	8.15	2.5	2.856	97.1	2.9	0.7
96	6/26/2015 09:00:52	16.78	51.81	34.12	7.80	8.15	4.1	2.844	98.7	3.4	0.8
97	6/26/2015 09:15:52	16.75	51.80	34.12	7.79	8.15	3.3	2.832	98.5	3.6	0.9
98	6/26/2015 09:30:52	16.80	51.78	34.11	7.81	8.16	3.7	2.812	99.0	4.0	0.9
99	6/26/2015 09:45:52	16.89	51.82	34.13	7.82	8.16	5.9	2.787	99.2	2.9	0.7
100	6/26/2015 10:00:52	17.04	51.83	34.14	7.80	8.16	4.5	2.725	99.2	2.8	0.7
101	6/26/2015 10:15:52	17.32	51.89	34.19	7.78	8.15	5.2	2.685	99.6	3.8	0.9
102	6/26/2015 10:30:52	17.70	51.94	34.23	7.63	8.14	5.4	2.648	98.3	3.7	0.9
103	6/26/2015 10:45:51	18.02	51.98	34.26	7.63	8.14	5.2	2.581	99.1	4.0	1.0
104	6/26/2015 11:00:51	18.62	52.04	34.31	7.83	8.15	6.2	2.527	102.7	3.9	0.9
105	6/26/2015 11:15:51	18.76	52.02	34.30	7.75	8.15	5.8	2.476	102.0	4.4	1.1
106	6/26/2015 11:30:51	19.04	52.04	34.31	7.88	8.15	5.4	2.423	104.2	3.8	0.9
107	6/26/2015 11:45:51	19.10	52.05	34.32	7.82	8.14	5.2	2.378	103.5	3.2	0.8
108	6/26/2015 12:00:51	19.41	52.08	34.34	7.97	8.16	6.2	2.323	106.2	3.9	0.9
109	6/26/2015 12:15:51	19.50	52.10	34.36	7.71	8.14	5.5	2.287	102.8	4.2	1.0
110	6/26/2015 12:30:51	19.56	52.10	34.36	7.76	8.14	6.1	2.249	103.6	3.8	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
111	6/26/2015 12:45:51	19.64	52.12	34.37	7.62	8.13	5.4	2.218	102.0	3.5	0.8
112	6/26/2015 13:00:51	19.70	52.12	34.37	7.60	8.13	4.8	2.186	101.8	5.0	1.2
113	6/26/2015 13:15:51	19.75	52.12	34.37	7.64	8.13	4.3	2.174	102.5	3.9	0.9
114	6/26/2015 13:30:51	19.77	52.07	34.34	7.93	8.14	6.9	2.163	106.3	4.4	1.1
115	6/26/2015 13:45:51	19.58	52.09	34.35	7.92	8.14	7.0	2.152	105.9	4.3	1.0
116	6/26/2015 14:00:51	19.51	52.10	34.35	7.66	8.13	6.2	2.174	102.2	4.1	1.0
117	6/26/2015 14:15:51	19.52	52.08	34.34	8.00	8.14	5.6	2.179	106.8	5.8	1.4
118	6/26/2015 14:30:51	19.51	52.10	34.36	7.92	8.14	4.8	2.208	105.8	4.7	1.1
119	6/26/2015 14:45:51	19.50	52.10	34.35	7.95	8.14	5.4	2.249	106.1	5.7	1.3
120	6/26/2015 15:00:51	19.71	52.11	34.37	7.97	8.14	6.1	2.275	106.8	5.3	1.3
121	6/26/2015 15:15:51	19.66	52.08	34.34	8.04	8.15	5.7	2.346	107.6	4.8	1.1
122	6/26/2015 15:30:51	19.44	52.04	34.31	8.14	8.15	6.1	2.379	108.5	5.5	1.3
123	6/26/2015 15:45:51	18.92	52.03	34.31	7.96	8.13	4.3	2.433	105.1	5.2	1.2
124	6/26/2015 16:00:51	18.65	52.02	34.30	7.86	8.13	4.2	2.493	103.2	5.4	1.3
125	6/26/2015 16:15:51	18.44	52.00	34.28	7.88	8.13	4.4	2.551	103.0	6.0	1.4
126	6/26/2015 16:30:52	18.24	51.97	34.26	7.94	8.14	4.5	2.600	103.4	5.6	1.3
127	6/26/2015 16:45:52	18.01	51.93	34.23	8.06	8.15	3.8	2.654	104.6	5.3	1.3
128	6/26/2015 17:00:51	17.77	51.89	34.19	8.26	8.16	4.0	2.732	106.6	5.7	1.4
129	6/26/2015 17:15:51	17.49	51.86	34.17	8.39	8.17	3.6	2.783	107.7	5.6	1.3
130	6/26/2015 17:30:51	17.26	51.83	34.15	8.46	8.18	4.0	2.857	108.1	5.9	1.4
131	6/26/2015 17:45:51	17.13	51.81	34.13	8.62	8.19	4.5	2.925	109.8	6.0	1.4
132	6/26/2015 18:00:52	16.98	51.79	34.11	8.76	8.20	4.0	2.999	111.3	6.4	1.5
133	6/26/2015 18:15:52	16.77	51.75	34.08	9.00	8.23	5.4	3.068	113.9	6.0	1.4
134	6/26/2015 18:30:52	16.45	51.71	34.05	9.14	8.24	5.1	3.138	114.9	5.4	1.3
135	6/26/2015 18:45:52	16.11	51.70	34.03	9.21	8.25	4.5	3.206	115.0	6.7	1.6
136	6/26/2015 19:00:52	15.85	51.68	34.01	9.43	8.27	4.2	3.274	117.2	6.1	1.5
137	6/26/2015 19:15:52	15.63	51.66	33.99	9.68	8.30	5.0	3.342	119.7	6.6	1.6
138	6/26/2015 19:30:52	15.45	51.66	33.99	9.81	8.31	5.1	3.395	120.9	7.5	1.8
139	6/26/2015 19:45:52	15.21	51.65	33.98	9.91	8.32	3.4	3.450	121.5	6.7	1.6
140	6/26/2015 20:00:52	15.00	51.63	33.96	9.99	8.34	4.3	3.491	122.1	6.8	1.6
141	6/26/2015 20:15:52	14.79	51.64	33.96	10.08	8.35	3.4	3.528	122.6	5.4	1.3
142	6/26/2015 20:30:52	14.73	51.65	33.96	10.00	8.35	2.7	3.544	121.5	7.2	1.7
143	6/26/2015 20:45:52	15.26	51.73	34.03	9.66	8.33	3.5	3.552	118.6	5.6	1.3
144	6/26/2015 21:00:52	14.82	51.66	33.97	9.79	8.34	2.8	3.544	119.1	4.7	1.1
145	6/26/2015 21:15:52	14.78	51.65	33.97	9.90	8.34	3.1	3.514	120.4	4.5	1.1
146	6/26/2015 21:30:52	15.01	51.66	33.98	9.75	8.33	3.4	3.481	119.2	4.3	1.0
147	6/26/2015 21:45:52	15.49	51.69	34.01	9.36	8.30	5.0	3.423	115.4	5.6	1.3

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
148	6/26/2015 22:00:52	15.77	51.72	34.04	9.10	8.27	7.0	3.360	112.8	6.0	1.4
149	6/26/2015 22:15:52	15.64	51.69	34.02	9.00	8.27	6.2	3.290	111.4	6.0	1.4
150	6/26/2015 22:30:52	15.68	51.73	34.04	8.98	8.27	6.8	3.221	111.3	5.3	1.3
151	6/26/2015 22:45:51	16.26	51.78	34.09	8.48	8.23	6.2	3.141	106.3	5.2	1.2
152	6/26/2015 23:00:52	17.08	51.84	34.15	8.78	8.26	6.3	3.048	111.8	6.0	1.4
153	6/26/2015 23:15:52	17.21	51.85	34.16	8.69	8.25	6.1	2.964	110.9	5.6	1.3
154	6/26/2015 23:30:52	17.32	51.87	34.18	8.64	8.24	5.7	2.890	110.6	5.1	1.2
155	6/26/2015 23:45:52	17.61	51.90	34.20	8.48	8.23	7.3	2.794	109.1	5.1	1.2
156	6/27/2015 00:00:52	18.20	51.98	34.26	8.28	8.21	6.9	2.705	107.8	5.1	1.2
157	6/27/2015 00:15:52	18.54	52.01	34.29	8.19	8.20	7.9	2.615	107.3	4.8	1.1
158	6/27/2015 00:30:51	18.81	52.06	34.33	8.09	8.18	8.3	2.545	106.5	5.3	1.3
159	6/27/2015 00:45:51	18.61	52.08	34.34	7.79	8.16	8.3	2.440	102.2	4.9	1.2
160	6/27/2015 01:00:52	17.58	51.97	34.25	8.12	8.17	11.2	2.333	104.4	5.3	1.3
161	6/27/2015 01:15:51	18.86	52.10	34.35	8.01	8.19	8.5	2.262	105.6	4.6	1.1
162	6/27/2015 01:30:52	18.58	52.10	34.36	7.96	8.18	7.8	2.168	104.5	5.4	1.3
163	6/27/2015 01:45:52	19.09	52.17	34.40	7.88	8.19	8.0	2.087	104.5	6.5	1.5
164	6/27/2015 02:00:51	19.04	52.19	34.42	7.76	8.18	7.8	1.990	102.7	5.1	1.2
165	6/27/2015 02:15:51	19.27	52.20	34.43	7.77	8.18	8.4	1.935	103.2	5.3	1.3
166	6/27/2015 02:30:51	19.56	52.24	34.46	7.70	8.18	6.5	1.897	102.9	4.0	1.0
167	6/27/2015 02:45:51	19.62	52.25	34.46	7.59	8.17	6.4	1.828	101.6	5.4	1.3
168	6/27/2015 03:00:51	20.14	52.33	34.52	7.58	8.18	5.2	1.797	102.4	5.1	1.2
169	6/27/2015 03:15:51	20.32	52.32	34.52	7.55	8.18	4.7	1.793	102.4	4.8	1.2
170	6/27/2015 03:30:51	20.51	52.34	34.53	7.34	8.17	5.1	1.793	99.9	4.5	1.1
171	6/27/2015 03:45:51	20.51	52.39	34.56	7.77	8.19	5.5	1.796	105.8	5.4	1.3
172	6/27/2015 04:00:50	20.39	52.36	34.55	7.81	8.18	5.4	1.829	106.0	4.9	1.2
173	6/27/2015 04:15:51	20.21	52.32	34.52	7.79	8.17	5.6	1.868	105.4	4.7	1.1
174	6/27/2015 04:30:51	20.20	52.31	34.51	7.79	8.17	5.6	1.929	105.3	4.3	1.0
175	6/27/2015 04:45:51	20.11	52.32	34.52	7.77	8.17	5.9	1.979	105.0	4.5	1.1
176	6/27/2015 05:00:51	19.95	52.27	34.48	7.77	8.16	5.1	2.022	104.6	4.2	1.0
177	6/27/2015 05:15:51	19.83	52.28	34.49	7.70	8.16	5.4	2.092	103.4	5.2	1.2
178	6/27/2015 05:30:51	19.80	52.29	34.50	7.59	8.15	5.7	2.160	101.9	4.3	1.0
179	6/27/2015 05:45:51	19.65	52.27	34.48	7.61	8.15	5.4	2.209	101.9	4.6	1.1
180	6/27/2015 06:00:51	19.38	52.23	34.45	7.62	8.14	5.8	2.271	101.5	4.0	0.9
181	6/27/2015 06:15:51	19.29	52.23	34.45	7.59	8.14	5.1	2.327	101.0	4.6	1.1
182	6/27/2015 06:30:51	19.20	52.21	34.44	7.58	8.14	4.8	2.393	100.6	4.1	1.0
183	6/27/2015 06:45:51	18.94	52.16	34.40	7.59	8.13	6.1	2.448	100.3	3.9	0.9
184	6/27/2015 07:00:51	18.51	52.11	34.36	7.67	8.13	4.7	2.493	100.5	4.2	1.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
185	6/27/2015 07:15:51	18.29	52.08	34.34	7.71	8.13	4.9	2.547	100.5	3.7	0.9
186	6/27/2015 07:30:51	18.10	52.06	34.32	7.76	8.14	4.0	2.608	100.9	4.4	1.1
187	6/27/2015 07:45:52	18.00	52.04	34.31	7.74	8.14	4.3	2.653	100.4	3.5	0.8
188	6/27/2015 08:00:51	17.86	52.02	34.29	7.76	8.14	4.0	2.702	100.3	4.0	1.0
189	6/27/2015 08:15:51	17.74	52.02	34.29	7.81	8.14	3.9	2.746	100.8	3.9	0.9
190	6/27/2015 08:30:51	17.63	52.00	34.27	7.81	8.15	3.6	2.788	100.6	3.7	0.9
191	6/27/2015 08:45:52	17.48	51.97	34.25	7.87	8.15	3.7	2.843	101.1	4.1	1.0
192	6/27/2015 09:00:52	17.36	51.97	34.25	7.85	8.15	3.9	2.875	100.6	3.6	0.9
193	6/27/2015 09:15:51	17.35	51.97	34.25	7.76	8.15	3.4	2.887	99.4	4.0	0.9
194	6/27/2015 09:30:51	17.54	51.92	34.21	7.67	8.15	3.7	2.932	98.6	4.1	1.0
195	6/27/2015 09:45:51	17.23	52.10	34.34	7.66	8.14	3.2	2.947	98.0	3.7	0.9
196	6/27/2015 10:00:51	17.54	52.11	34.36	7.37	8.13	4.5	2.941	94.8	3.6	0.9
197	6/27/2015 10:15:52	17.97	52.34	34.52	6.69	8.06	9.3	2.929	86.9	3.8	0.9
198	6/27/2015 10:30:52	17.10	51.98	34.26	7.57	8.13	3.0	2.923	96.4	2.9	0.7
199	6/27/2015 10:45:52	17.52	52.05	34.31	7.45	8.12	6.6	2.893	95.8	3.6	0.8
200	6/27/2015 11:00:52	17.20	51.94	34.22	7.71	8.15	4.8	2.846	98.5	3.7	0.9
201	6/27/2015 11:15:52	17.45	51.97	34.25	7.71	8.15	6.2	2.792	98.9	2.9	0.7
202	6/27/2015 11:30:52	17.63	52.00	34.28	7.80	8.15	5.8	2.752	100.4	4.6	1.1
203	6/27/2015 11:45:51	17.86	52.04	34.31	7.66	8.14	6.5	2.706	99.2	3.7	0.9
204	6/27/2015 12:00:51	18.14	52.07	34.33	7.57	8.13	8.3	2.637	98.5	4.3	1.0
205	6/27/2015 12:15:51	18.28	52.11	34.36	7.48	8.12	7.6	2.585	97.6	3.9	0.9
206	6/27/2015 12:30:51	18.59	52.13	34.38	7.45	8.12	7.5	2.544	97.8	4.1	1.0
207	6/27/2015 12:45:51	18.88	52.15	34.39	7.48	8.11	8.3	2.488	98.6	3.5	0.8
208	6/27/2015 13:00:51	19.13	52.15	34.40	7.54	8.12	7.8	2.433	100.0	3.9	0.9
209	6/27/2015 13:15:51	19.44	52.23	34.45	7.54	8.12	6.0	2.396	100.6	3.9	0.9
210	6/27/2015 13:30:51	19.46	52.20	34.43	7.58	8.12	7.0	2.350	101.1	3.7	0.9
211	6/27/2015 13:45:51	19.69	52.22	34.44	7.55	8.12	5.9	2.335	101.2	3.7	0.9
212	6/27/2015 14:00:51	19.74	52.27	34.48	7.75	8.14	5.9	2.299	103.9	4.2	1.0
213	6/27/2015 14:15:51	19.83	52.27	34.48	7.66	8.13	5.4	2.280	103.0	4.2	1.0
214	6/27/2015 14:30:51	19.89	52.26	34.47	7.53	8.13	6.2	2.284	101.3	5.4	1.3
215	6/27/2015 14:45:51	19.69	52.23	34.45	7.96	8.14	7.2	2.283	106.7	5.3	1.3
216	6/27/2015 15:00:51	19.69	52.24	34.46	7.85	8.14	5.6	2.292	105.2	4.4	1.0
217	6/27/2015 15:15:51	19.48	52.17	34.41	8.02	8.14	6.3	2.311	107.1	4.3	1.0
218	6/27/2015 15:30:51	19.72	52.22	34.44	8.02	8.15	5.7	2.341	107.5	5.6	1.3
219	6/27/2015 15:45:51	19.59	52.23	34.45	7.92	8.14	6.1	2.381	105.9	4.9	1.2
220	6/27/2015 16:00:51	19.76	52.21	34.44	8.07	8.15	5.7	2.416	108.3	5.5	1.3
221	6/27/2015 16:15:51	19.77	52.20	34.43	8.17	8.15	5.7	2.464	109.6	5.5	1.3

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
222	6/27/2015 16:30:51	19.34	52.15	34.39	8.11	8.15	5.5	2.522	107.9	5.4	1.3
223	6/27/2015 16:45:51	19.02	52.12	34.37	8.11	8.14	4.8	2.573	107.3	5.6	1.3
224	6/27/2015 17:00:51	18.85	52.12	34.37	8.00	8.14	5.1	2.629	105.5	5.4	1.3
225	6/27/2015 17:15:51	18.68	52.11	34.36	7.92	8.14	5.2	2.699	104.2	4.6	1.1
226	6/27/2015 17:30:52	18.28	52.05	34.32	8.01	8.14	5.1	2.765	104.4	5.5	1.3
227	6/27/2015 17:45:51	17.65	51.97	34.25	8.17	8.16	5.6	2.824	105.2	5.4	1.3
228	6/27/2015 18:00:51	17.37	51.93	34.22	8.30	8.17	5.0	2.905	106.3	5.2	1.2
229	6/27/2015 18:15:52	17.31	51.92	34.21	8.47	8.19	5.1	2.969	108.4	4.9	1.2
230	6/27/2015 18:30:52	17.05	51.90	34.20	8.48	8.19	4.8	3.039	108.0	5.5	1.3
231	6/27/2015 18:45:52	16.93	51.89	34.18	8.57	8.20	4.6	3.117	108.9	5.5	1.3
232	6/27/2015 19:00:51	16.83	51.86	34.16	8.68	8.21	4.8	3.181	110.1	6.1	1.5
233	6/27/2015 19:15:52	16.51	51.82	34.13	8.95	8.23	5.5	3.252	112.7	6.2	1.5
234	6/27/2015 19:30:52	15.93	51.77	34.08	9.20	8.26	7.0	3.329	114.5	6.7	1.6
235	6/27/2015 19:45:52	15.69	51.77	34.07	9.31	8.27	6.1	3.388	115.4	6.6	1.6
236	6/27/2015 20:00:52	15.51	51.73	34.04	9.48	8.28	4.7	3.450	117.0	7.5	1.8
237	6/27/2015 20:15:52	15.24	51.74	34.04	9.67	8.30	4.5	3.519	118.7	7.6	1.8
238	6/27/2015 20:30:52	15.06	51.73	34.03	9.75	8.31	4.0	3.558	119.2	6.1	1.5
239	6/27/2015 20:45:52	14.88	51.72	34.02	9.81	8.31	3.7	3.594	119.6	7.5	1.8
240	6/27/2015 21:00:52	14.63	51.72	34.02	9.97	8.32	3.0	3.628	120.9	7.8	1.9
241	6/27/2015 21:15:52	14.61	51.70	33.99	9.93	8.33	2.7	3.646	120.3	6.4	1.5
242	6/27/2015 21:30:52	14.66	51.76	34.04	9.73	8.32	2.8	3.636	118.0	5.4	1.3
243	6/27/2015 21:45:52	14.71	51.72	34.02	9.76	8.31	3.3	3.628	118.5	5.0	1.2
244	6/27/2015 22:00:52	14.78	51.72	34.02	9.75	8.31	4.0	3.596	118.6	4.8	1.2
245	6/27/2015 22:15:52	14.92	51.73	34.03	9.60	8.30	3.0	3.561	117.0	4.9	1.2
246	6/27/2015 22:30:52	15.51	51.78	34.08	9.07	8.27	5.2	3.489	112.0	5.8	1.4
247	6/27/2015 22:45:52	16.03	51.84	34.14	8.87	8.26	6.1	3.434	110.6	7.2	1.7
248	6/27/2015 23:00:52	16.55	51.90	34.18	8.87	8.26	6.3	3.354	111.8	6.3	1.5
249	6/27/2015 23:15:52	16.76	51.90	34.19	8.70	8.25	6.7	3.273	110.1	5.3	1.3
250	6/27/2015 23:30:52	17.31	51.94	34.22	8.50	8.23	7.6	3.173	108.8	5.2	1.2
251	6/27/2015 23:45:52	17.19	51.91	34.20	8.50	8.22	6.5	3.087	108.6	5.9	1.4
252	6/28/2015 00:00:52	17.14	51.91	34.20	8.50	8.22	6.5	2.987	108.4	5.3	1.3
253	6/28/2015 00:15:52	17.50	51.95	34.23	8.30	8.20	6.5	2.889	106.6	5.2	1.2
254	6/28/2015 00:30:52	17.75	51.99	34.27	8.20	8.19	6.8	2.791	105.8	5.6	1.3
255	6/28/2015 00:45:52	18.28	52.07	34.33	7.84	8.17	8.3	2.681	102.3	5.3	1.3
256	6/28/2015 01:00:51	18.74	52.12	34.37	7.69	8.16	10.3	2.590	101.2	5.6	1.3
257	6/28/2015 01:15:51	18.83	52.15	34.39	7.62	8.15	7.8	2.496	100.5	4.9	1.2
258	6/28/2015 01:30:52	19.15	52.21	34.44	7.72	8.16	8.6	2.376	102.5	5.6	1.3

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
259	6/28/2015 01:45:51	18.71	52.15	34.39	7.80	8.16	8.9	2.272	102.6	5.0	1.2
260	6/28/2015 02:00:52	19.06	52.22	34.44	7.79	8.16	10.2	2.169	103.2	5.0	1.2
261	6/28/2015 02:15:51	19.35	52.26	34.48	7.84	8.17	9.2	2.069	104.4	4.7	1.1
262	6/28/2015 02:30:51	19.20	52.22	34.45	7.73	8.16	9.7	1.970	102.6	5.1	1.2
263	6/28/2015 02:45:51	19.43	52.29	34.49	7.76	8.16	9.0	1.888	103.6	4.7	1.1
264	6/28/2015 03:00:51	19.56	52.33	34.52	7.50	8.14	8.1	1.773	100.3	5.1	1.2
265	6/28/2015 03:15:51	20.04	52.43	34.60	7.50	8.14	8.3	1.734	101.2	5.4	1.3
266	6/28/2015 03:30:51	19.99	52.44	34.61	7.35	8.13	9.4	1.682	99.1	5.6	1.3
267	6/28/2015 03:45:51	20.33	52.45	34.61	7.21	8.13	7.3	1.617	97.8	4.3	1.0
268	6/28/2015 04:00:50	20.75	52.52	34.66	7.30	8.14	6.4	1.643	99.8	5.4	1.3
269	6/28/2015 04:15:50	20.84	52.56	34.69	7.06	8.13	5.0	1.613	96.7	5.0	1.2
270	6/28/2015 04:30:51	20.84	52.55	34.68	7.57	8.15	5.7	1.654	103.8	5.4	1.3
271	6/28/2015 04:45:51	20.72	52.51	34.66	7.55	8.14	5.9	1.670	103.2	4.4	1.0
272	6/28/2015 05:00:50	20.77	52.50	34.65	7.65	8.16	6.0	1.729	104.6	5.1	1.2
273	6/28/2015 05:15:50	20.73	52.49	34.64	7.70	8.16	5.9	1.804	105.2	5.0	1.2
274	6/28/2015 05:30:51	20.60	52.46	34.62	7.69	8.15	6.0	1.837	104.9	4.5	1.1
275	6/28/2015 05:45:51	20.43	52.42	34.59	7.68	8.15	6.0	1.936	104.4	4.3	1.0
276	6/28/2015 06:00:50	20.58	52.48	34.63	7.35	8.13	7.5	1.984	100.3	4.5	1.1
277	6/28/2015 06:15:51	20.68	52.52	34.66	7.18	8.11	7.5	2.062	98.1	4.4	1.1
278	6/28/2015 06:30:51	20.37	52.45	34.61	7.30	8.11	7.0	2.148	99.2	4.6	1.1
279	6/28/2015 06:45:51	20.11	52.38	34.56	7.36	8.12	6.4	2.172	99.4	4.0	0.9
280	6/28/2015 07:00:51	20.03	52.36	34.55	7.38	8.12	6.3	2.266	99.6	4.3	1.0
281	6/28/2015 07:15:51	19.67	52.29	34.50	7.44	8.12	6.2	2.338	99.6	3.9	0.9
282	6/28/2015 07:30:51	19.23	52.21	34.44	7.48	8.11	6.2	2.404	99.3	4.0	0.9
283	6/28/2015 07:45:51	18.81	52.14	34.39	7.54	8.11	5.8	2.469	99.4	4.7	1.1
284	6/28/2015 08:00:52	18.66	52.13	34.37	7.53	8.12	4.9	2.539	99.0	4.3	1.0
285	6/28/2015 08:15:51	18.45	52.08	34.34	7.55	8.12	5.3	2.603	98.8	4.0	1.0
286	6/28/2015 08:30:51	18.25	52.06	34.32	7.62	8.13	5.0	2.656	99.3	3.9	0.9
287	6/28/2015 08:45:51	18.06	52.03	34.30	7.68	8.13	5.5	2.732	99.8	3.0	0.7
288	6/28/2015 09:00:52	17.85	52.01	34.28	7.71	8.14	5.0	2.786	99.7	4.4	1.0
289	6/28/2015 09:15:52	17.71	51.99	34.27	7.70	8.14	5.4	2.824	99.3	3.4	0.8
290	6/28/2015 09:30:52	17.58	51.96	34.25	7.71	8.14	4.7	2.910	99.2	3.9	0.9
291	6/28/2015 09:45:52	17.39	51.93	34.22	7.81	8.15	5.7	2.938	100.1	3.8	0.9
292	6/28/2015 10:00:52	17.21	51.90	34.20	7.90	8.16	5.4	2.991	100.9	4.6	1.1
293	6/28/2015 10:15:51	16.98	51.86	34.16	8.00	8.17	4.8	3.037	101.7	4.6	1.1
294	6/28/2015 10:30:51	16.81	51.86	34.16	8.10	8.18	4.4	3.059	102.6	4.8	1.1
295	6/28/2015 10:45:52	17.44	52.16	34.39	7.73	8.16	4.5	3.062	99.3	3.9	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
296	6/28/2015 11:00:51	17.16	51.73	34.07	7.69	8.16	3.6	3.095	98.0	2.7	0.6
297	6/28/2015 11:15:52	16.85	51.87	34.17	7.80	8.16	7.8	3.060	98.9	3.0	0.7
298	6/28/2015 11:30:52	16.80	51.86	34.16	7.92	8.17	7.3	3.040	100.3	3.6	0.8
299	6/28/2015 11:45:52	17.01	51.90	34.20	7.86	8.17	10.2	3.001	100.0	3.9	0.9
300	6/28/2015 12:00:52	17.37	51.94	34.23	7.77	8.16	7.0	2.956	99.6	3.8	0.9
301	6/28/2015 12:15:52	17.66	51.94	34.23	7.84	8.17	5.7	2.897	101.0	3.2	0.8
302	6/28/2015 12:30:52	18.24	52.00	34.28	7.85	8.16	4.9	2.837	102.2	3.8	0.9
303	6/28/2015 12:45:52	18.28	52.05	34.32	7.80	8.15	5.6	2.768	101.7	4.3	1.0
304	6/28/2015 13:00:52	18.43	52.08	34.34	7.64	8.14	5.6	2.713	100.0	4.3	1.0
305	6/28/2015 13:15:51	18.62	52.10	34.36	7.61	8.14	4.5	2.654	99.9	4.7	1.1
306	6/28/2015 13:30:52	18.83	52.14	34.39	7.55	8.13	5.0	2.587	99.5	4.1	1.0
307	6/28/2015 13:45:51	18.99	52.15	34.40	7.48	8.13	6.0	2.550	98.9	3.2	0.8
308	6/28/2015 14:00:52	19.26	52.20	34.43	7.46	8.12	4.2	2.496	99.1	3.9	0.9
309	6/28/2015 14:15:51	19.53	52.25	34.46	7.42	8.12	5.6	2.452	99.2	3.9	0.9
310	6/28/2015 14:30:51	19.73	52.25	34.47	7.48	8.12	5.1	2.441	100.2	3.9	0.9
311	6/28/2015 14:45:51	19.87	52.27	34.48	7.54	8.13	5.1	2.385	101.4	3.0	0.7
312	6/28/2015 15:00:51	20.02	52.26	34.47	7.63	8.13	5.1	2.357	102.9	4.2	1.0
313	6/28/2015 15:15:51	20.21	52.32	34.51	7.72	8.14	5.1	2.374	104.4	4.8	1.1
314	6/28/2015 15:30:51	20.01	52.20	34.43	8.13	8.15	5.3	2.354	109.6	5.3	1.3
315	6/28/2015 15:45:51	19.91	52.21	34.44	8.08	8.15	5.1	2.341	108.7	5.6	1.3
316	6/28/2015 16:00:51	19.93	52.27	34.48	7.83	8.13	6.4	2.384	105.4	5.5	1.3
317	6/28/2015 16:15:51	19.95	52.24	34.46	8.21	8.15	5.3	2.402	110.6	6.2	1.5
318	6/28/2015 16:30:51	19.94	52.26	34.47	7.94	8.14	5.3	2.420	106.9	5.8	1.4
319	6/28/2015 16:45:51	19.78	52.22	34.45	7.93	8.13	4.7	2.474	106.5	4.9	1.2
320	6/28/2015 17:00:51	19.49	52.18	34.41	7.88	8.13	4.7	2.528	105.2	4.7	1.1
321	6/28/2015 17:15:51	19.68	52.17	34.41	8.17	8.15	5.6	2.573	109.4	5.4	1.3
322	6/28/2015 17:30:51	19.26	52.10	34.35	8.27	8.16	5.1	2.635	109.8	5.2	1.2
323	6/28/2015 17:45:51	19.06	52.08	34.34	8.21	8.15	4.3	2.702	108.6	5.2	1.2
324	6/28/2015 18:00:51	18.96	52.07	34.33	8.13	8.15	5.0	2.762	107.4	4.9	1.2
325	6/28/2015 18:15:51	18.33	52.00	34.28	8.23	8.16	5.0	2.825	107.4	4.9	1.2
326	6/28/2015 18:30:51	18.01	51.96	34.25	8.34	8.17	5.1	2.909	108.2	5.8	1.4
327	6/28/2015 18:45:51	17.65	51.91	34.21	8.60	8.19	4.7	2.982	110.8	5.7	1.3
328	6/28/2015 19:00:51	17.30	51.88	34.18	8.77	8.21	5.1	3.041	112.1	6.5	1.5
329	6/28/2015 19:15:52	17.23	51.89	34.19	8.80	8.21	4.7	3.137	112.4	6.1	1.4
330	6/28/2015 19:30:52	16.93	51.85	34.16	8.99	8.23	5.5	3.212	114.2	8.2	1.9
331	6/28/2015 19:45:52	16.48	51.78	34.10	9.30	8.26	7.0	3.286	117.0	7.3	1.7
332	6/28/2015 20:00:52	16.03	51.75	34.07	9.77	8.29	6.4	3.360	121.9	6.8	1.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
333	6/28/2015 20:15:52	15.66	51.72	34.04	10.34	8.33	5.6	3.451	128.0	7.8	1.9
334	6/28/2015 20:30:52	15.50	51.71	34.03	10.61	8.36	5.6	3.513	130.9	7.4	1.8
335	6/28/2015 20:45:52	15.07	51.68	34.00	11.15	8.39	4.5	3.565	136.4	11.6	2.8
336	6/28/2015 21:00:52	14.94	51.68	33.99	11.28	8.40	5.9	3.635	137.6	12.6	3.0
337	6/28/2015 21:15:52	14.77	51.67	33.98	11.44	8.42	3.4	3.687	139.1	14.7	3.5
338	6/28/2015 21:30:52	14.66	51.69	33.99	11.48	8.43	3.4	3.707	139.3	13.7	3.3
339	6/28/2015 21:45:52	14.64	51.68	33.98	11.53	8.43	3.4	3.744	139.8	15.7	3.7
340	6/28/2015 22:00:52	14.47	51.70	33.99	11.65	8.44	1.2	3.763	140.8	20.3	4.8
341	6/28/2015 22:15:52	14.68	51.71	34.00	11.45	8.42	4.6	3.750	139.0	12.3	2.9
342	6/28/2015 22:30:52	14.63	51.68	33.98	11.60	8.43	3.2	3.733	140.6	11.2	2.7
343	6/28/2015 22:45:52	14.70	51.68	33.99	11.46	8.42	2.9	3.696	139.1	10.8	2.6
344	6/28/2015 23:00:52	14.95	51.71	34.01	11.19	8.41	3.3	3.641	136.6	9.9	2.3
345	6/28/2015 23:15:52	15.69	51.73	34.05	10.23	8.35	6.4	3.564	126.8	11.0	2.6
346	6/28/2015 23:30:52	15.66	51.76	34.07	10.20	8.35	4.5	3.487	126.3	12.4	3.0
347	6/28/2015 23:45:52	16.03	51.82	34.12	9.94	8.33	5.2	3.407	124.0	10.7	2.6
348	6/29/2015 00:00:52	17.22	51.88	34.18	9.05	8.28	7.3	3.293	115.5	6.3	1.5
349	6/29/2015 00:15:52	17.29	51.91	34.20	8.86	8.25	7.5	3.194	113.3	5.8	1.4
350	6/29/2015 00:30:52	17.19	51.89	34.19	8.78	8.24	6.6	3.108	112.1	5.3	1.3
351	6/29/2015 00:45:52	17.15	51.87	34.18	8.79	8.24	7.5	2.987	112.0	5.8	1.4
352	6/29/2015 01:00:51	17.65	51.94	34.23	8.66	8.23	7.2	2.873	111.5	4.6	1.1
353	6/29/2015 01:15:51	18.16	52.02	34.29	8.32	8.20	9.3	2.775	108.3	4.7	1.1
354	6/29/2015 01:30:51	18.52	52.07	34.33	7.98	8.18	8.3	2.664	104.5	5.2	1.2
355	6/29/2015 01:45:51	18.49	52.01	34.29	7.84	8.16	9.3	2.545	102.6	6.0	1.4
356	6/29/2015 02:00:51	17.96	51.98	34.26	7.95	8.17	8.9	2.438	103.0	5.3	1.3
357	6/29/2015 02:15:51	18.80	52.14	34.38	7.89	8.17	11.0	2.322	104.0	5.9	1.4
358	6/29/2015 02:30:51	18.06	51.99	34.27	8.04	8.17	10.8	2.188	104.4	5.7	1.3
359	6/29/2015 02:45:52	18.91	52.21	34.43	7.85	8.17	10.1	2.085	103.7	5.3	1.3
360	6/29/2015 03:00:51	18.83	52.15	34.39	7.75	8.16	8.7	1.969	102.1	5.3	1.3
361	6/29/2015 03:15:51	19.40	52.30	34.50	7.60	8.15	9.5	1.845	101.3	5.0	1.2
362	6/29/2015 03:30:51	19.39	52.27	34.48	7.42	8.14	8.1	1.739	98.8	5.8	1.4
363	6/29/2015 03:45:51	19.57	52.33	34.52	7.35	8.13	8.4	1.651	98.3	5.4	1.3
364	6/29/2015 04:00:51	19.72	52.35	34.54	7.22	8.12	7.3	1.585	96.8	5.3	1.3
365	6/29/2015 04:15:51	19.75	52.37	34.55	7.08	8.11	7.2	1.498	95.1	5.8	1.4
366	6/29/2015 04:30:51	19.92	52.38	34.56	7.02	8.10	6.2	1.465	94.6	5.8	1.4
367	6/29/2015 04:45:51	20.23	52.48	34.63	7.08	8.12	6.4	1.478	95.9	6.0	1.4
368	6/29/2015 05:00:51	20.06	52.43	34.60	7.11	8.11	6.7	1.467	96.0	5.2	1.2
369	6/29/2015 05:15:51	20.66	52.54	34.68	7.27	8.13	5.7	1.486	99.3	5.9	1.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
370	6/29/2015 05:30:51	20.46	52.51	34.66	7.25	8.12	6.0	1.569	98.6	6.1	1.4
371	6/29/2015 05:45:51	20.72	52.58	34.70	7.39	8.14	6.1	1.610	101.0	5.7	1.4
372	6/29/2015 06:00:50	20.64	52.52	34.66	7.40	8.13	5.8	1.684	101.0	5.1	1.2
373	6/29/2015 06:15:50	20.53	52.53	34.67	7.36	8.13	5.9	1.771	100.3	5.2	1.2
374	6/29/2015 06:30:51	20.57	52.52	34.66	7.17	8.11	7.5	1.838	97.8	5.4	1.3
375	6/29/2015 06:45:51	20.62	52.54	34.68	7.08	8.10	7.8	1.903	96.7	4.3	1.0
376	6/29/2015 07:00:51	20.54	52.51	34.65	7.08	8.10	7.7	1.993	96.5	5.0	1.2
377	6/29/2015 07:15:51	20.27	52.47	34.63	7.20	8.10	7.2	2.059	97.6	4.4	1.0
378	6/29/2015 07:30:51	20.20	52.44	34.60	7.20	8.11	6.9	2.128	97.5	4.4	1.0
379	6/29/2015 07:45:51	20.12	52.44	34.60	7.22	8.11	6.6	2.217	97.5	5.2	1.2
380	6/29/2015 08:00:51	19.72	52.33	34.53	7.34	8.11	6.8	2.292	98.5	4.5	1.1
381	6/29/2015 08:15:51	19.49	52.27	34.48	7.34	8.11	6.2	2.358	98.0	4.7	1.1
382	6/29/2015 08:30:51	19.30	52.22	34.44	7.34	8.11	8.4	2.443	97.6	3.8	0.9
383	6/29/2015 08:45:52	19.03	52.17	34.41	7.38	8.11	6.1	2.536	97.6	4.6	1.1
384	6/29/2015 09:00:52	18.72	52.10	34.35	7.43	8.12	6.2	2.592	97.8	3.8	0.9
385	6/29/2015 09:15:51	18.49	52.07	34.33	7.53	8.13	6.4	2.668	98.6	4.1	1.0
386	6/29/2015 09:30:51	18.34	52.04	34.31	7.68	8.14	6.5	2.741	100.2	4.4	1.0
387	6/29/2015 09:45:52	18.20	52.03	34.30	7.72	8.14	6.5	2.818	100.6	3.9	0.9
388	6/29/2015 10:00:51	18.04	51.98	34.27	7.81	8.15	7.1	2.879	101.3	4.4	1.0
389	6/29/2015 10:15:52	17.80	51.94	34.23	7.96	8.16	6.5	2.938	102.9	4.1	1.0
390	6/29/2015 10:30:52	17.45	51.88	34.19	8.20	8.18	5.9	3.011	105.2	5.0	1.2
391	6/29/2015 10:45:52	17.16	51.86	34.17	8.40	8.20	5.9	3.054	107.1	5.1	1.2
392	6/29/2015 11:00:52	16.97	51.84	34.15	8.55	8.21	5.0	3.098	108.6	5.9	1.4
393	6/29/2015 11:15:52	16.69	51.79	34.11	8.76	8.23	5.0	3.138	110.6	5.8	1.4
394	6/29/2015 11:30:52	16.57	51.79	34.11	8.86	8.24	3.6	3.163	111.7	4.5	1.1
395	6/29/2015 11:45:52	16.46	51.80	34.11	8.72	8.24	3.2	3.177	109.7	5.4	1.3
396	6/29/2015 12:00:51	16.47	51.82	34.12	8.77	8.24	3.9	3.167	110.3	3.4	0.8
397	6/29/2015 12:15:51	16.54	51.80	34.11	8.76	8.24	3.6	3.137	110.3	3.8	0.9
398	6/29/2015 12:30:52	16.85	51.84	34.15	8.54	8.23	4.8	3.092	108.3	3.9	0.9
399	6/29/2015 12:45:52	17.25	51.90	34.19	8.25	8.21	5.4	3.052	105.4	3.6	0.8
400	6/29/2015 13:00:52	17.58	51.94	34.23	8.20	8.20	5.0	2.991	105.5	4.6	1.1
401	6/29/2015 13:15:52	17.90	51.92	34.22	8.34	8.21	5.9	2.906	107.9	4.7	1.1
402	6/29/2015 13:30:52	18.05	51.95	34.24	8.25	8.20	6.2	2.844	107.1	4.8	1.1
403	6/29/2015 13:45:52	18.14	51.95	34.24	8.24	8.20	6.0	2.786	107.2	4.5	1.1
404	6/29/2015 14:00:52	18.43	52.02	34.30	8.09	8.18	5.8	2.715	105.7	4.6	1.1
405	6/29/2015 14:15:51	18.66	52.04	34.31	8.01	8.18	7.0	2.651	105.1	4.3	1.0
406	6/29/2015 14:30:51	18.97	52.12	34.37	7.96	8.16	5.8	2.584	105.2	4.7	1.1

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
407	6/29/2015 14:45:51	19.15	52.14	34.38	7.98	8.16	6.4	2.543	105.9	5.3	1.3
408	6/29/2015 15:00:51	19.32	52.17	34.41	7.86	8.16	5.6	2.498	104.5	4.1	1.0
409	6/29/2015 15:15:51	19.48	52.21	34.44	7.76	8.15	5.3	2.442	103.6	4.9	1.2
410	6/29/2015 15:30:51	19.57	52.21	34.43	7.90	8.16	5.6	2.400	105.6	5.3	1.3
411	6/29/2015 15:45:51	19.70	52.25	34.46	7.66	8.14	5.4	2.387	102.7	4.9	1.2
412	6/29/2015 16:00:51	19.73	52.27	34.48	7.40	8.12	4.4	2.369	99.3	4.8	1.1
413	6/29/2015 16:15:51	19.61	52.17	34.41	8.15	8.18	5.4	2.353	109.0	5.3	1.3
414	6/29/2015 16:30:51	19.59	52.13	34.37	8.44	8.19	5.8	2.347	112.8	6.0	1.4
415	6/29/2015 16:45:51	19.78	52.22	34.45	8.20	8.17	5.1	2.367	110.1	6.1	1.4
416	6/29/2015 17:00:51	19.70	52.24	34.46	8.15	8.16	5.3	2.411	109.3	6.1	1.5
417	6/29/2015 17:15:51	19.82	52.28	34.48	8.07	8.16	5.9	2.418	108.4	6.8	1.6
418	6/29/2015 17:30:51	19.84	52.29	34.49	8.16	8.16	5.1	2.466	109.6	7.1	1.7
419	6/29/2015 17:45:51	19.72	52.25	34.47	8.16	8.16	5.7	2.533	109.4	6.8	1.6
420	6/29/2015 18:00:51	19.54	52.21	34.44	8.18	8.16	5.8	2.588	109.3	6.4	1.5
421	6/29/2015 18:15:51	19.42	52.15	34.39	8.39	8.17	5.4	2.641	111.8	6.7	1.6
422	6/29/2015 18:30:52	19.08	52.08	34.34	8.48	8.18	5.5	2.717	112.3	6.3	1.5
423	6/29/2015 18:45:51	18.83	52.05	34.31	8.47	8.18	5.9	2.790	111.6	6.9	1.6
424	6/29/2015 19:00:51	18.70	52.04	34.31	8.38	8.18	5.7	2.859	110.2	5.6	1.3
425	6/29/2015 19:15:51	18.09	51.94	34.23	8.68	8.20	6.9	2.935	112.8	6.5	1.5
426	6/29/2015 19:30:52	17.51	51.88	34.19	8.89	8.22	5.3	3.012	114.1	6.4	1.5
427	6/29/2015 19:45:52	17.32	51.87	34.18	8.95	8.23	4.8	3.097	114.4	5.8	1.4
428	6/29/2015 20:00:52	17.08	51.84	34.15	9.06	8.25	5.7	3.176	115.3	5.0	1.2
429	6/29/2015 20:15:52	16.63	51.80	34.12	9.29	8.27	6.2	3.256	117.3	5.3	1.3
430	6/29/2015 20:30:52	16.11	51.73	34.05	9.66	8.29	4.8	3.342	120.6	6.3	1.5
431	6/29/2015 20:45:52	15.84	51.69	34.02	9.89	8.31	5.0	3.429	122.9	6.8	1.6
432	6/29/2015 21:00:52	15.56	51.64	33.98	10.19	8.34	4.9	3.507	125.8	6.1	1.5
433	6/29/2015 21:15:52	15.28	51.61	33.95	10.66	8.37	5.6	3.583	130.9	9.4	2.2
434	6/29/2015 21:30:52	15.03	51.57	33.91	10.92	8.39	4.1	3.656	133.4	13.7	3.3
435	6/29/2015 21:45:52	14.83	51.54	33.89	11.10	8.40	3.9	3.716	135.0	11.9	2.8
436	6/29/2015 22:00:52	14.59	51.53	33.87	11.28	8.41	3.3	3.773	136.5	14.1	3.3
437	6/29/2015 22:15:52	14.44	51.51	33.85	11.45	8.42	2.5	3.814	138.2	13.9	3.3
438	6/29/2015 22:30:52	14.40	51.52	33.86	11.47	8.42	1.4	3.843	138.4	12.4	2.9
439	6/29/2015 22:45:52	14.38	51.51	33.85	11.29	8.42	1.2	3.865	136.1	6.8	1.6
440	6/29/2015 23:00:52	14.44	51.66	33.97	11.17	8.41	2.8	3.845	134.9	11.3	2.7
441	6/29/2015 23:15:52	14.60	51.56	33.89	11.17	8.41	2.8	3.814	135.3	9.4	2.2
442	6/29/2015 23:30:52	14.95	51.63	33.95	10.68	8.38	3.0	3.771	130.4	9.5	2.3
443	6/29/2015 23:45:52	14.93	51.57	33.91	10.63	8.38	5.6	3.696	129.6	12.6	3.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
444	6/30/2015 00:00:52	14.68	51.55	33.89	10.77	8.39	4.7	3.612	130.7	11.7	2.8
445	6/30/2015 00:15:52	14.77	51.57	33.90	10.71	8.38	3.9	3.522	130.2	14.0	3.3
446	6/30/2015 00:30:52	15.58	51.69	34.01	9.91	8.34	6.4	3.413	122.5	8.8	2.1
447	6/30/2015 00:45:52	16.67	51.83	34.14	9.10	8.29	7.5	3.306	115.0	6.6	1.6
448	6/30/2015 01:00:52	16.66	51.82	34.13	9.18	8.29	8.8	3.184	116.0	6.6	1.6
449	6/30/2015 01:15:52	16.81	51.83	34.14	9.06	8.28	9.9	3.079	114.8	5.9	1.4
450	6/30/2015 01:30:52	17.44	51.94	34.22	8.48	8.24	7.8	2.964	108.8	5.8	1.4
451	6/30/2015 01:45:52	17.92	52.04	34.31	8.08	8.21	9.0	2.838	104.7	10.7	2.6
452	6/30/2015 02:00:51	18.38	52.10	34.35	7.78	8.19	10.3	2.714	101.6	5.7	1.4
453	6/30/2015 02:15:51	18.03	52.04	34.31	7.83	8.19	10.2	2.592	101.6	5.4	1.3
454	6/30/2015 02:30:52	17.75	52.01	34.28	8.07	8.20	10.0	2.464	104.2	5.9	1.4
455	6/30/2015 02:45:52	17.82	52.03	34.30	8.08	8.21	10.5	2.335	104.5	6.7	1.6
456	6/30/2015 03:00:52	17.88	52.09	34.34	8.04	8.21	10.0	2.201	104.1	5.9	1.4
457	6/30/2015 03:15:52	17.95	52.07	34.33	7.90	8.20	9.9	2.067	102.5	5.7	1.3
458	6/30/2015 03:30:52	18.21	52.16	34.39	7.70	8.18	10.8	1.944	100.3	6.8	1.6
459	6/30/2015 03:45:52	18.56	52.27	34.48	7.44	8.16	9.2	1.804	97.6	6.7	1.6
460	6/30/2015 04:00:52	18.49	52.18	34.41	7.36	8.15	8.9	1.672	96.5	6.3	1.5
461	6/30/2015 04:15:52	18.76	52.27	34.48	7.19	8.14	9.7	1.562	94.7	6.6	1.6
462	6/30/2015 04:30:51	19.06	52.31	34.51	7.10	8.13	9.0	1.459	94.1	6.0	1.4
463	6/30/2015 04:45:51	19.15	52.36	34.55	7.03	8.12	10.5	1.368	93.3	6.4	1.5
464	6/30/2015 05:00:51	19.22	52.36	34.55	6.95	8.11	7.5	1.307	92.4	6.6	1.6
465	6/30/2015 05:15:51	19.21	52.41	34.59	6.87	8.10	7.5	1.260	91.3	6.7	1.6
466	6/30/2015 05:30:51	19.29	52.38	34.57	6.72	8.09	6.1	1.254	89.5	7.4	1.8
467	6/30/2015 05:45:51	19.36	52.49	34.65	7.01	8.11	7.0	1.299	93.5	6.5	1.5
468	6/30/2015 06:00:51	19.69	52.48	34.63	6.97	8.11	6.4	1.319	93.5	5.1	1.2
469	6/30/2015 06:15:51	19.76	52.54	34.68	6.97	8.11	6.8	1.391	93.6	5.7	1.4
470	6/30/2015 06:30:51	20.06	52.66	34.77	7.04	8.12	6.9	1.472	95.1	6.6	1.6
471	6/30/2015 06:45:51	19.83	52.57	34.70	7.03	8.12	7.1	1.539	94.6	5.4	1.3
472	6/30/2015 07:00:51	19.85	52.58	34.71	7.04	8.12	7.2	1.608	94.7	5.6	1.3
473	6/30/2015 07:15:51	19.80	52.55	34.69	7.04	8.12	7.6	1.697	94.7	5.2	1.2
474	6/30/2015 07:30:51	19.68	52.52	34.67	7.08	8.12	7.3	1.764	95.0	5.8	1.4
475	6/30/2015 07:45:51	19.43	52.43	34.60	7.12	8.12	6.5	1.845	95.0	4.6	1.1
476	6/30/2015 08:00:51	19.33	52.41	34.58	7.13	8.12	7.3	1.925	95.0	4.6	1.1
477	6/30/2015 08:15:51	19.35	52.43	34.60	7.13	8.12	6.7	2.007	95.0	4.9	1.2
478	6/30/2015 08:30:51	19.37	52.43	34.60	7.11	8.12	7.4	2.103	94.8	5.6	1.3
479	6/30/2015 08:45:51	19.39	52.45	34.61	7.08	8.12	7.5	2.187	94.4	5.0	1.2
480	6/30/2015 09:00:51	19.36	52.44	34.60	7.08	8.11	7.8	2.279	94.3	5.3	1.3

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
481	6/30/2015 09:15:51	19.17	52.32	34.52	7.12	8.11	8.1	2.375	94.5	4.9	1.2
482	6/30/2015 09:30:51	18.77	52.23	34.45	7.24	8.12	7.5	2.458	95.3	5.5	1.3
483	6/30/2015 09:45:52	18.51	52.17	34.40	7.28	8.12	7.2	2.544	95.4	4.5	1.1
484	6/30/2015 10:00:52	18.29	52.13	34.37	7.39	8.13	8.4	2.639	96.5	4.5	1.1
485	6/30/2015 10:15:52	18.15	52.09	34.34	7.46	8.14	7.9	2.711	97.1	3.9	0.9
486	6/30/2015 10:30:52	18.06	52.06	34.32	7.51	8.15	8.1	2.781	97.5	5.1	1.2
487	6/30/2015 10:45:51	17.71	51.96	34.25	7.76	8.17	10.0	2.858	100.0	5.0	1.2
488	6/30/2015 11:00:51	17.35	51.92	34.21	8.06	8.19	7.3	2.930	103.2	5.0	1.2
489	6/30/2015 11:15:52	17.02	51.86	34.17	8.26	8.20	7.1	2.994	105.1	6.1	1.4
490	6/30/2015 11:30:52	16.57	51.80	34.11	8.54	8.22	5.7	3.052	107.6	5.7	1.4
491	6/30/2015 11:45:52	16.28	51.76	34.08	8.75	8.24	4.5	3.109	109.7	6.6	1.6
492	6/30/2015 12:00:52	16.10	51.75	34.07	8.89	8.26	4.2	3.159	111.0	5.5	1.3
493	6/30/2015 12:15:52	15.97	51.74	34.06	8.98	8.27	2.9	3.182	111.9	9.1	2.2
494	6/30/2015 12:30:52	15.94	51.72	34.04	8.73	8.27	2.6	3.200	108.7	4.8	1.1
495	6/30/2015 12:45:52	16.01	51.72	34.05	8.60	8.26	4.0	3.206	107.1	4.0	1.0
496	6/30/2015 13:00:52	16.09	51.73	34.06	8.67	8.26	2.9	3.197	108.2	5.1	1.2
497	6/30/2015 13:15:52	16.07	51.73	34.06	8.79	8.26	3.4	3.139	109.7	3.7	0.9
498	6/30/2015 13:30:52	16.33	51.77	34.09	8.70	8.25	4.8	3.080	109.1	4.7	1.1
499	6/30/2015 13:45:52	16.79	51.88	34.17	8.72	8.25	5.0	3.025	110.5	6.5	1.5
500	6/30/2015 14:00:52	17.43	51.85	34.16	8.72	8.25	5.2	2.944	111.8	4.2	1.0
501	6/30/2015 14:15:52	17.82	51.89	34.19	8.68	8.24	5.4	2.869	112.1	5.2	1.2
502	6/30/2015 14:30:52	18.29	52.00	34.28	8.38	8.22	6.1	2.789	109.2	3.9	0.9
503	6/30/2015 14:45:52	18.58	52.07	34.33	8.16	8.20	5.6	2.725	107.0	4.2	1.0
504	6/30/2015 15:00:52	18.83	52.14	34.38	8.03	8.19	6.2	2.655	105.9	5.2	1.2
505	6/30/2015 15:15:52	19.06	52.18	34.41	7.92	8.18	7.0	2.574	104.9	5.2	1.2
506	6/30/2015 15:30:51	19.39	52.24	34.46	7.90	8.17	6.7	2.524	105.3	4.3	1.0
507	6/30/2015 15:45:51	19.63	52.28	34.49	7.96	8.17	6.8	2.466	106.6	5.4	1.3
508	6/30/2015 16:00:51	19.73	52.28	34.49	7.97	8.17	5.7	2.414	106.9	4.6	1.1
509	6/30/2015 16:15:51	19.85	52.30	34.50	8.01	8.17	5.0	2.360	107.7	4.5	1.1
510	6/30/2015 16:30:51	19.93	52.33	34.52	8.00	8.17	5.7	2.330	107.7	5.2	1.2
511	6/30/2015 16:45:51	19.99	52.34	34.53	7.88	8.16	4.9	2.304	106.2	5.5	1.3
512	6/30/2015 17:00:51	20.06	52.30	34.50	8.11	8.17	5.8	2.276	109.4	6.3	1.5
513	6/30/2015 17:15:51	19.62	52.16	34.40	8.57	8.20	5.5	2.275	114.7	4.8	1.2
514	6/30/2015 17:30:51	20.00	52.31	34.51	8.34	8.18	4.8	2.292	112.4	5.9	1.4
515	6/30/2015 17:45:51	19.77	52.23	34.45	8.46	8.18	5.4	2.314	113.5	5.6	1.3
516	6/30/2015 18:00:51	19.90	52.28	34.49	8.42	8.19	5.1	2.341	113.2	6.3	1.5
517	6/30/2015 18:15:51	19.99	52.30	34.50	8.50	8.19	5.3	2.390	114.5	6.6	1.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
518	6/30/2015 18:30:51	19.85	52.29	34.49	8.39	8.18	5.3	2.454	112.8	6.4	1.5
519	6/30/2015 18:45:51	20.08	52.27	34.48	8.43	8.18	7.2	2.516	113.8	6.8	1.6
520	6/30/2015 19:00:51	19.58	52.19	34.43	8.48	8.18	6.6	2.585	113.4	6.2	1.5
521	6/30/2015 19:15:51	19.25	52.13	34.38	8.44	8.18	5.7	2.665	112.2	6.0	1.4
522	6/30/2015 19:30:51	18.93	52.07	34.33	8.45	8.19	6.0	2.739	111.6	5.5	1.3
523	6/30/2015 19:45:52	18.15	51.95	34.24	8.57	8.20	6.7	2.816	111.4	5.4	1.3
524	6/30/2015 20:00:51	17.71	51.90	34.20	8.61	8.21	6.1	2.897	111.0	5.6	1.3
525	6/30/2015 20:15:51	17.49	51.87	34.18	8.66	8.22	5.3	2.981	111.2	5.9	1.4
526	6/30/2015 20:30:51	17.41	51.86	34.17	8.67	8.22	5.5	3.066	111.1	6.1	1.4
527	6/30/2015 20:45:52	16.90	51.80	34.12	8.89	8.24	5.2	3.150	112.8	5.3	1.3
528	6/30/2015 21:00:52	16.36	51.73	34.06	9.04	8.26	6.0	3.251	113.5	5.2	1.2
529	6/30/2015 21:15:52	15.93	51.68	34.01	9.29	8.29	4.7	3.335	115.5	5.3	1.3
530	6/30/2015 21:30:52	15.39	51.59	33.94	9.67	8.31	5.0	3.427	118.9	5.9	1.4
531	6/30/2015 21:45:52	15.11	51.56	33.91	9.83	8.33	4.6	3.515	120.3	7.3	1.7
532	6/30/2015 22:00:52	14.81	51.49	33.85	10.19	8.35	3.8	3.597	123.9	9.3	2.2
533	6/30/2015 22:15:52	14.52	51.48	33.83	10.45	8.36	4.6	3.678	126.4	10.7	2.6
534	6/30/2015 22:30:52	14.35	51.47	33.82	10.61	8.37	2.3	3.742	127.8	11.9	2.8
535	6/30/2015 22:45:52	14.17	51.48	33.82	10.82	8.38	1.7	3.800	129.8	11.2	2.7
536	6/30/2015 23:00:52	14.12	51.43	33.78	10.90	8.39	1.4	3.843	130.7	12.8	3.0
537	6/30/2015 23:15:52	14.02	51.42	33.78	10.92	8.39	1.2	3.868	130.6	11.3	2.7
538	6/30/2015 23:30:52	14.00	51.44	33.79	10.70	8.38	0.9	3.884	127.9	11.3	2.7
539	6/30/2015 23:45:52	14.10	51.46	33.81	10.58	8.37	1.8	3.865	126.8	9.9	2.4
540	7/1/2015 00:00:52	14.39	51.49	33.84	10.41	8.37	3.5	3.835	125.5	8.4	2.0
541	7/1/2015 00:15:52	14.57	51.54	33.88	10.19	8.36	2.9	3.777	123.3	7.0	1.7
542	7/1/2015 00:30:52	14.54	51.50	33.85	10.12	8.36	3.2	3.694	122.3	10.6	2.5
543	7/1/2015 00:45:52	14.69	51.85	34.11	10.14	8.36	5.0	3.615	123.2	15.0	3.6
544	7/1/2015 01:00:52	14.89	51.54	33.88	9.86	8.34	4.1	3.505	120.1	8.1	1.9
545	7/1/2015 01:15:52	16.00	51.71	34.04	8.93	8.29	6.0	3.389	111.3	4.8	1.1
546	7/1/2015 01:30:52	16.34	51.76	34.08	8.91	8.28	6.5	3.275	111.8	5.3	1.3
547	7/1/2015 01:45:52	16.31	51.73	34.06	8.93	8.28	6.8	3.163	112.0	4.0	1.0
548	7/1/2015 02:00:52	16.45	51.76	34.09	8.87	8.28	5.6	3.043	111.6	5.5	1.3
549	7/1/2015 02:15:52	16.94	51.84	34.15	8.46	8.25	6.7	2.909	107.5	5.2	1.2
550	7/1/2015 02:30:52	17.68	51.96	34.25	8.06	8.22	8.2	2.785	103.9	4.9	1.2
551	7/1/2015 02:45:52	18.13	52.05	34.31	7.67	8.18	7.7	2.660	99.8	4.2	1.0
552	7/1/2015 03:00:52	18.22	52.08	34.33	7.62	8.18	8.6	2.534	99.2	5.1	1.2
553	7/1/2015 03:15:52	17.71	51.95	34.24	7.80	8.19	9.6	2.402	100.6	4.6	1.1
554	7/1/2015 03:30:52	17.62	52.09	34.34	7.97	8.20	8.4	2.248	102.6	4.4	1.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
555	7/1/2015 03:45:52	17.88	52.06	34.32	7.89	8.19	9.2	2.122	102.1	5.2	1.2
556	7/1/2015 04:00:52	18.26	52.16	34.40	7.83	8.19	10.8	1.966	102.1	5.7	1.4
557	7/1/2015 04:15:52	18.43	52.18	34.42	7.67	8.18	10.0	1.828	100.4	4.2	1.0
558	7/1/2015 04:30:51	18.67	52.18	34.41	7.55	8.17	10.0	1.694	99.2	5.3	1.3
559	7/1/2015 04:45:51	18.92	52.26	34.47	7.43	8.15	10.5	1.553	98.2	5.5	1.3
560	7/1/2015 05:00:51	19.16	52.31	34.51	7.34	8.14	9.0	1.425	97.4	5.4	1.3
561	7/1/2015 05:15:51	19.27	52.34	34.53	7.24	8.13	8.0	1.313	96.4	5.5	1.3
562	7/1/2015 05:30:51	19.42	52.38	34.56	7.17	8.12	9.3	1.207	95.6	5.0	1.2
563	7/1/2015 05:45:51	19.50	52.40	34.58	7.10	8.12	7.1	1.130	94.8	5.3	1.3
564	7/1/2015 06:00:51	19.70	52.42	34.59	6.95	8.11	7.2	1.108	93.3	5.0	1.2
565	7/1/2015 06:15:51	19.68	52.46	34.62	7.00	8.11	7.1	1.075	93.8	5.7	1.4
566	7/1/2015 06:30:51	19.77	52.52	34.67	7.15	8.12	6.4	1.126	96.0	4.8	1.1
567	7/1/2015 06:45:51	19.76	52.50	34.65	7.14	8.11	6.7	1.174	95.9	5.2	1.2
568	7/1/2015 07:00:51	19.93	52.54	34.68	7.18	8.12	6.7	1.251	96.8	4.8	1.1
569	7/1/2015 07:15:51	20.35	52.68	34.78	7.29	8.13	6.4	1.328	99.0	4.8	1.1
570	7/1/2015 07:30:51	20.18	52.63	34.74	7.31	8.12	6.4	1.406	99.0	4.8	1.1
571	7/1/2015 07:45:51	20.33	52.57	34.70	6.87	8.08	8.7	1.495	93.3	5.2	1.2
572	7/1/2015 08:00:51	20.36	52.57	34.70	6.76	8.06	9.4	1.574	91.8	5.3	1.3
573	7/1/2015 08:15:51	20.11	52.51	34.66	6.98	8.08	7.9	1.673	94.4	5.0	1.2
574	7/1/2015 08:30:51	19.90	52.46	34.62	7.00	8.09	7.5	1.746	94.3	5.1	1.2
575	7/1/2015 08:45:51	19.79	52.44	34.61	7.05	8.09	7.5	1.842	94.7	4.5	1.1
576	7/1/2015 09:00:51	19.66	52.43	34.60	7.10	8.10	6.8	1.940	95.1	4.4	1.0
577	7/1/2015 09:15:51	19.63	52.43	34.60	7.18	8.11	6.9	2.041	96.2	4.0	1.0
578	7/1/2015 09:30:52	19.46	52.38	34.56	7.26	8.11	7.5	2.139	97.0	4.4	1.0
579	7/1/2015 09:45:52	19.28	52.32	34.52	7.25	8.11	6.7	2.236	96.5	5.0	1.2
580	7/1/2015 10:00:52	19.07	52.26	34.47	7.24	8.11	7.6	2.346	95.9	4.9	1.2
581	7/1/2015 10:15:51	18.78	52.19	34.42	7.32	8.12	8.7	2.444	96.4	5.0	1.2
582	7/1/2015 10:30:52	18.53	52.15	34.39	7.41	8.13	8.6	2.536	97.2	5.0	1.2
583	7/1/2015 10:45:51	18.34	52.10	34.35	7.49	8.14	8.1	2.626	97.8	3.7	0.9
584	7/1/2015 11:00:52	18.22	52.06	34.33	7.55	8.15	9.3	2.718	98.4	3.4	0.8
585	7/1/2015 11:15:52	17.90	51.97	34.26	7.70	8.16	8.1	2.800	99.7	4.4	1.0
586	7/1/2015 11:30:52	17.43	51.90	34.20	7.95	8.18	7.6	2.883	102.0	3.9	0.9
587	7/1/2015 11:45:52	16.80	51.81	34.13	8.32	8.20	7.7	2.963	105.4	5.2	1.2
588	7/1/2015 12:00:52	16.39	51.76	34.08	8.58	8.23	5.4	3.035	107.8	7.6	1.8
589	7/1/2015 12:15:52	15.98	51.69	34.03	8.87	8.24	4.7	3.105	110.4	5.0	1.2
590	7/1/2015 12:30:52	15.77	51.65	33.99	8.98	8.26	3.4	3.161	111.4	6.6	1.6
591	7/1/2015 12:45:52	15.58	51.63	33.97	9.09	8.27	2.5	3.209	112.3	5.7	1.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
592	7/1/2015 13:00:52	15.52	51.63	33.97	9.11	8.27	2.3	3.255	112.4	4.4	1.0
593	7/1/2015 13:15:52	15.47	51.62	33.96	8.90	8.27	1.8	3.264	109.7	4.5	1.1
594	7/1/2015 13:30:52	15.60	51.68	34.01	8.82	8.26	2.5	3.251	109.0	5.0	1.2
595	7/1/2015 13:45:52	15.65	51.64	33.98	8.92	8.27	6.4	3.242	110.3	5.2	1.2
596	7/1/2015 14:00:52	15.70	51.63	33.98	8.91	8.27	2.9	3.188	110.3	3.8	0.9
597	7/1/2015 14:15:52	16.03	51.69	34.03	8.79	8.26	2.7	3.122	109.6	4.1	1.0
598	7/1/2015 14:30:52	16.92	51.74	34.08	8.79	8.26	5.1	3.047	111.5	4.2	1.0
599	7/1/2015 14:45:52	17.18	51.73	34.07	8.83	8.25	5.0	2.982	112.6	4.2	1.0
600	7/1/2015 15:00:51	17.55	51.77	34.10	8.73	8.25	5.2	2.894	112.2	3.6	0.9
601	7/1/2015 15:15:52	18.28	51.96	34.25	8.50	8.23	8.3	2.822	110.8	3.9	0.9
602	7/1/2015 15:30:52	18.85	52.07	34.33	8.33	8.22	5.6	2.750	109.9	3.8	0.9
603	7/1/2015 15:45:51	19.15	52.13	34.38	8.25	8.20	6.4	2.664	109.5	4.3	1.0
604	7/1/2015 16:00:51	19.48	52.20	34.43	8.27	8.20	6.0	2.603	110.4	4.7	1.1
605	7/1/2015 16:15:51	19.70	52.22	34.45	8.24	8.19	6.7	2.544	110.5	4.3	1.0
606	7/1/2015 16:30:51	19.86	52.24	34.46	8.24	8.19	7.0	2.476	110.8	4.4	1.1
607	7/1/2015 16:45:51	20.06	52.27	34.48	8.36	8.19	5.3	2.413	112.8	3.9	0.9
608	7/1/2015 17:00:51	20.17	52.28	34.49	8.34	8.19	5.7	2.362	112.8	4.8	1.1
609	7/1/2015 17:15:51	20.32	52.31	34.51	8.43	8.19	5.2	2.320	114.3	4.9	1.2
610	7/1/2015 17:30:51	20.35	52.29	34.49	8.39	8.19	4.4	2.284	113.9	5.8	1.4
611	7/1/2015 17:45:51	20.41	52.33	34.52	8.20	8.18	4.0	2.259	111.3	4.9	1.2
612	7/1/2015 18:00:51	20.50	52.30	34.50	8.22	8.19	5.3	2.239	111.8	5.7	1.3
613	7/1/2015 18:15:51	20.10	52.16	34.40	8.96	8.22	4.9	2.263	120.9	5.3	1.3
614	7/1/2015 18:30:51	20.42	52.31	34.51	8.74	8.20	5.0	2.279	118.8	5.9	1.4
615	7/1/2015 18:45:51	20.40	52.31	34.51	8.72	8.20	5.1	2.308	118.4	6.4	1.5
616	7/1/2015 19:00:51	20.40	52.32	34.51	8.66	8.19	6.2	2.369	117.6	5.9	1.4
617	7/1/2015 19:15:51	20.31	52.32	34.51	8.61	8.19	5.5	2.422	116.8	5.4	1.3
618	7/1/2015 19:30:51	20.37	52.28	34.49	8.44	8.18	6.8	2.503	114.5	5.7	1.4
619	7/1/2015 19:45:51	19.95	52.21	34.44	8.46	8.18	6.1	2.579	113.8	5.6	1.3
620	7/1/2015 20:00:51	19.69	52.15	34.39	8.44	8.18	5.4	2.652	113.1	5.4	1.3
621	7/1/2015 20:15:51	19.25	52.07	34.33	8.47	8.18	5.5	2.739	112.4	5.1	1.2
622	7/1/2015 20:30:52	18.48	51.96	34.25	8.39	8.18	5.7	2.828	109.8	4.5	1.1
623	7/1/2015 20:45:52	17.94	51.90	34.20	8.38	8.19	5.2	2.909	108.5	5.3	1.3
624	7/1/2015 21:00:52	17.69	51.86	34.18	8.37	8.20	5.3	2.988	107.8	4.8	1.1
625	7/1/2015 21:15:51	17.39	51.84	34.16	8.42	8.20	4.5	3.084	107.9	4.8	1.1
626	7/1/2015 21:30:52	16.73	51.76	34.09	8.56	8.21	5.4	3.183	108.3	4.8	1.1
627	7/1/2015 21:45:52	16.09	51.68	34.02	8.66	8.23	12.9	3.274	108.1	4.5	1.1
628	7/1/2015 22:00:52	15.52	51.64	33.98	8.86	8.24	5.7	3.369	109.3	5.2	1.2

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
629	7/1/2015 22:15:52	14.81	51.59	33.92	9.06	8.26	5.4	3.470	110.2	5.4	1.3
630	7/1/2015 22:30:52	14.45	51.59	33.91	9.13	8.27	5.2	3.568	110.2	7.0	1.7
631	7/1/2015 22:45:52	14.15	51.55	33.88	9.35	8.28	4.8	3.639	112.2	9.7	2.3
632	7/1/2015 23:00:52	13.90	51.51	33.84	9.51	8.29	5.6	3.720	113.6	11.3	2.7
633	7/1/2015 23:15:51	13.68	51.54	33.85	9.69	8.30	2.8	3.796	115.2	12.8	3.0
634	7/1/2015 23:30:51	13.56	51.52	33.83	9.79	8.31	2.2	3.846	116.1	11.0	2.6
635	7/1/2015 23:45:51	13.52	51.52	33.83	9.81	8.31	1.6	3.889	116.2	8.6	2.0
636	7/2/2015 00:00:52	13.51	51.47	33.79	9.72	8.31	1.2	3.918	115.1	12.8	3.1
637	7/2/2015 00:15:52	13.77	51.38	33.74	9.43	8.29	1.4	3.930	112.2	4.8	1.1
638	7/2/2015 00:30:52	13.85	51.54	33.86	9.26	8.29	3.3	3.907	110.5	7.2	1.7
639	7/2/2015 00:45:52	13.73	51.55	33.86	9.39	8.29	1.8	3.875	111.7	4.9	1.2
640	7/2/2015 01:00:52	14.00	51.57	33.88	9.24	8.28	3.1	3.809	110.5	7.8	1.9
641	7/2/2015 01:15:52	13.89	51.56	33.87	9.20	8.28	4.5	3.726	109.8	6.9	1.6
642	7/2/2015 01:30:52	13.98	51.55	33.87	9.11	8.28	3.2	3.645	108.9	12.9	3.1
643	7/2/2015 01:45:52	15.59	51.74	34.05	8.63	8.26	4.1	3.524	106.7	5.9	1.4
644	7/2/2015 02:00:52	15.94	51.76	34.07	8.45	8.25	6.5	3.411	105.2	4.3	1.0
645	7/2/2015 02:15:52	15.90	51.75	34.06	8.50	8.25	7.8	3.287	105.8	4.3	1.0
646	7/2/2015 02:30:52	16.16	51.75	34.07	8.43	8.24	7.7	3.165	105.4	5.0	1.2
647	7/2/2015 02:45:52	16.50	51.77	34.09	8.26	8.23	6.3	3.040	104.0	4.4	1.0
648	7/2/2015 03:00:52	17.00	51.92	34.21	8.07	8.22	6.2	2.909	102.6	3.8	0.9
649	7/2/2015 03:15:52	17.45	51.93	34.22	7.85	8.20	8.6	2.773	100.8	4.3	1.0
650	7/2/2015 03:30:52	18.08	52.04	34.31	7.78	8.19	8.5	2.640	101.1	4.8	1.1
651	7/2/2015 03:45:52	17.93	51.91	34.21	7.67	8.18	8.8	2.507	99.3	3.8	0.9
652	7/2/2015 04:00:52	17.85	52.01	34.28	7.64	8.17	9.5	2.362	98.8	4.6	1.1
653	7/2/2015 04:15:52	17.93	52.05	34.32	7.77	8.18	10.0	2.215	100.7	4.4	1.1
654	7/2/2015 04:30:52	17.83	51.91	34.21	7.75	8.17	9.8	2.045	100.1	4.8	1.1
655	7/2/2015 04:45:52	18.39	52.11	34.36	7.64	8.17	9.7	1.911	99.9	4.6	1.1
656	7/2/2015 05:00:51	18.69	52.15	34.39	7.53	8.16	9.7	1.765	99.0	4.3	1.0
657	7/2/2015 05:15:52	18.86	52.19	34.42	7.42	8.15	9.8	1.622	97.9	5.0	1.2
658	7/2/2015 05:30:52	18.98	52.22	34.45	7.28	8.14	8.8	1.477	96.3	4.9	1.2
659	7/2/2015 05:45:51	19.31	52.27	34.48	7.21	8.14	9.0	1.344	95.9	4.6	1.1
660	7/2/2015 06:00:51	19.69	52.37	34.56	7.18	8.13	10.9	1.203	96.3	4.3	1.0
661	7/2/2015 06:15:51	19.90	52.42	34.59	7.14	8.12	9.4	1.107	96.1	4.1	1.0
662	7/2/2015 06:30:51	19.90	52.44	34.60	7.01	8.10	11.6	1.023	94.3	4.4	1.0
663	7/2/2015 06:45:51	19.90	52.43	34.60	6.84	8.09	8.3	0.971	92.1	5.2	1.2
664	7/2/2015 07:00:51	19.84	52.42	34.59	7.10	8.10	10.4	0.992	95.5	4.6	1.1
665	7/2/2015 07:15:51	20.11	52.51	34.66	7.12	8.11	7.2	1.035	96.2	4.6	1.1

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
666	7/2/2015 07:30:51	20.26	52.51	34.66	7.15	8.11	6.4	1.134	96.9	4.7	1.1
667	7/2/2015 07:45:51	20.71	52.67	34.77	7.22	8.12	7.2	1.230	98.7	4.8	1.1
668	7/2/2015 08:00:50	20.71	52.66	34.77	7.28	8.12	6.1	1.310	99.6	4.1	1.0
669	7/2/2015 08:15:51	20.60	52.61	34.73	7.12	8.10	6.5	1.428	97.2	4.8	1.1
670	7/2/2015 08:30:51	20.64	52.58	34.70	6.77	8.07	8.8	1.499	92.4	5.1	1.2
671	7/2/2015 08:45:51	20.66	52.55	34.68	6.59	8.05	8.9	1.576	90.0	4.1	1.0
672	7/2/2015 09:00:51	20.32	52.49	34.64	6.93	8.08	7.9	1.684	94.0	5.0	1.2
673	7/2/2015 09:15:50	20.17	52.45	34.61	6.93	8.08	6.8	1.765	93.8	4.6	1.1
674	7/2/2015 09:30:51	20.07	52.44	34.61	6.96	8.08	6.8	1.866	94.0	4.3	1.0
675	7/2/2015 09:45:51	20.01	52.43	34.60	6.99	8.09	7.5	1.965	94.3	3.7	0.9
676	7/2/2015 10:00:51	19.73	52.37	34.55	7.14	8.10	7.0	2.081	95.8	4.1	1.0
677	7/2/2015 10:15:51	19.53	52.31	34.51	7.17	8.10	7.2	2.184	95.9	4.2	1.0
678	7/2/2015 10:30:51	19.33	52.26	34.48	7.16	8.10	7.7	2.293	95.3	4.2	1.0
679	7/2/2015 10:45:52	19.00	52.19	34.42	7.20	8.10	8.6	2.399	95.2	3.7	0.9
680	7/2/2015 11:00:52	18.75	52.13	34.38	7.26	8.11	8.7	2.500	95.6	4.0	1.0
681	7/2/2015 11:15:52	18.57	52.10	34.35	7.30	8.12	8.8	2.610	95.8	3.9	0.9
682	7/2/2015 11:30:52	18.47	52.07	34.33	7.32	8.12	8.4	2.694	95.8	4.2	1.0
683	7/2/2015 11:45:52	17.93	51.96	34.25	7.48	8.13	12.5	2.797	96.8	4.6	1.1
684	7/2/2015 12:00:52	17.29	51.87	34.18	7.71	8.15	8.4	2.887	98.6	6.3	1.5
685	7/2/2015 12:15:52	16.50	51.79	34.10	7.90	8.16	8.4	2.968	99.4	6.5	1.6
686	7/2/2015 12:30:52	15.90	51.72	34.04	8.10	8.18	6.4	3.063	100.7	6.2	1.5
687	7/2/2015 12:45:52	15.45	51.68	34.01	8.25	8.20	6.0	3.135	101.6	9.2	2.2
688	7/2/2015 13:00:52	15.19	51.65	33.98	8.35	8.21	3.9	3.208	102.4	8.4	2.0
689	7/2/2015 13:15:52	15.01	51.64	33.96	8.41	8.22	4.1	3.275	102.8	8.8	2.1
690	7/2/2015 13:30:52	14.84	51.63	33.95	8.42	8.22	2.8	3.322	102.5	4.1	1.0
691	7/2/2015 13:45:52	14.79	51.65	33.97	8.43	8.22	2.3	3.360	102.5	4.3	1.0
692	7/2/2015 14:00:52	14.77	51.61	33.94	8.16	8.21	2.0	3.376	99.1	2.8	0.7
693	7/2/2015 14:15:52	15.01	51.65	33.97	8.12	8.20	3.2	3.374	99.2	7.1	1.7
694	7/2/2015 14:30:52	15.00	51.63	33.96	8.21	8.21	2.2	3.351	100.2	3.6	0.9
695	7/2/2015 14:45:52	15.10	51.63	33.96	8.19	8.21	4.1	3.288	100.2	5.9	1.4
696	7/2/2015 15:00:52	15.70	51.69	34.01	8.20	8.22	4.3	3.216	101.5	4.3	1.0
697	7/2/2015 15:15:52	16.17	51.67	34.01	8.40	8.22	4.6	3.142	105.0	4.2	1.0
698	7/2/2015 15:30:52	16.44	51.69	34.03	8.39	8.22	7.4	3.062	105.4	3.9	0.9
699	7/2/2015 15:45:52	17.29	51.81	34.13	8.25	8.22	5.6	2.955	105.5	3.7	0.9
700	7/2/2015 16:00:52	18.09	51.93	34.23	8.07	8.20	6.1	2.871	104.8	3.7	0.9
701	7/2/2015 16:15:51	18.64	52.00	34.28	8.10	8.20	6.0	2.796	106.3	4.2	1.0
702	7/2/2015 16:30:52	18.89	52.08	34.34	8.10	8.19	5.3	2.714	106.8	3.6	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU			ug/L	%FS
703	7/2/2015 16:45:51	19.24	52.12	34.37	8.03	8.18	6.6	2.639	106.6	4.4	1.1
704	7/2/2015 17:00:51	19.51	52.15	34.39	8.07	8.18	7.6	2.572	107.8	5.7	1.4
705	7/2/2015 17:15:51	19.70	52.18	34.41	8.19	8.18	6.5	2.501	109.7	4.2	1.0
706	7/2/2015 17:30:51	19.98	52.21	34.43	8.26	8.18	6.7	2.430	111.2	4.3	1.0
707	7/2/2015 17:45:51	20.07	52.23	34.45	8.29	8.18	5.3	2.385	111.9	4.0	0.9
708	7/2/2015 18:00:51	19.85	52.14	34.39	8.45	8.19	5.7	2.327	113.5	3.9	0.9
709	7/2/2015 18:15:51	20.27	52.26	34.47	8.41	8.19	5.3	2.286	113.9	5.0	1.2
710	7/2/2015 18:30:51	20.33	52.26	34.47	8.30	8.18	5.5	2.264	112.6	5.4	1.3
711	7/2/2015 18:45:51	20.32	52.27	34.48	8.20	8.18	4.3	2.234	111.2	5.0	1.2
712	7/2/2015 19:00:51	20.66	52.34	34.53	8.43	8.19	5.5	2.252	115.1	4.7	1.1
713	7/2/2015 19:15:51	20.79	52.38	34.56	8.52	8.19	5.9	2.271	116.6	6.2	1.5
714	7/2/2015 19:30:51	20.52	52.32	34.51	8.49	8.18	5.7	2.296	115.5	5.1	1.2
715	7/2/2015 19:45:51	20.42	52.32	34.52	8.41	8.18	5.7	2.352	114.3	5.4	1.3
716	7/2/2015 20:00:51	20.23	52.29	34.50	8.31	8.18	5.7	2.413	112.5	5.6	1.3
717	7/2/2015 20:15:51	20.20	52.23	34.45	8.10	8.16	7.0	2.491	109.5	4.8	1.1
718	7/2/2015 20:30:51	19.81	52.16	34.40	8.09	8.16	6.8	2.575	108.6	5.4	1.3
719	7/2/2015 20:45:51	19.47	52.10	34.36	8.10	8.16	6.3	2.646	108.0	4.1	1.0
720	7/2/2015 21:00:51	18.83	52.01	34.28	8.09	8.16	6.6	2.745	106.6	4.0	0.9
721	7/2/2015 21:15:52	18.06	51.92	34.22	7.98	8.15	7.3	2.818	103.6	8.2	2.0
722	7/2/2015 21:30:52	17.63	51.87	34.18	7.91	8.16	5.4	2.910	101.8	4.9	1.2
723	7/2/2015 21:45:52	17.22	51.83	34.14	7.95	8.16	6.1	3.004	101.5	4.5	1.1
724	7/2/2015 22:00:52	16.81	51.79	34.11	8.02	8.17	5.1	3.091	101.6	4.5	1.1
725	7/2/2015 22:15:52	16.13	51.71	34.04	8.13	8.18	6.5	3.191	101.5	4.9	1.2
726	7/2/2015 22:30:52	15.59	51.67	34.00	8.25	8.19	4.7	3.289	102.0	6.2	1.5
727	7/2/2015 22:45:52	14.83	51.62	33.94	8.53	8.21	5.7	3.392	103.8	7.6	1.8
728	7/2/2015 23:00:52	14.37	51.60	33.92	8.68	8.22	5.1	3.484	104.6	8.0	1.9
729	7/2/2015 23:15:52	14.05	51.58	33.89	8.89	8.24	5.5	3.579	106.5	9.2	2.2
730	7/2/2015 23:30:52	13.58	51.55	33.86	9.18	8.26	4.5	3.668	108.9	11.4	2.7
731	7/2/2015 23:45:51	13.48	51.53	33.84	9.28	8.27	3.2	3.735	109.8	20.0	4.8
732	7/3/2015 00:00:52	13.39	51.55	33.85	9.35	8.28	1.8	3.816	110.5	9.6	2.3
733	7/3/2015 00:15:52	13.34	51.55	33.84	9.36	8.28	1.7	3.876	110.4	7.0	1.7
734	7/3/2015 00:30:52	13.37	51.54	33.84	9.27	8.28	1.8	3.905	109.5	9.0	2.1
735	7/3/2015 00:45:52	13.27	51.56	33.85	9.29	8.28	2.7	3.949	109.5	10.9	2.6
736	7/3/2015 01:00:52	13.26	51.56	33.85	8.96	8.27	1.2	3.960	105.6	6.4	1.5
737	7/3/2015 01:15:52	13.34	51.57	33.86	9.19	8.28	1.8	3.939	108.5	9.2	2.2
738	7/3/2015 01:30:52	13.50	51.60	33.88	9.15	8.28	1.5	3.914	108.4	7.2	1.7
739	7/3/2015 01:45:52	13.64	51.59	33.89	9.05	8.27	4.8	3.853	107.5	8.7	2.1

sonde #4

Indian Island Long-Term Deployment Water Quality Data

			SpCond	DO Conc			Turbidity+	Depth	Chlorophyll		Fluorescence
Sample #	Date & Time	Temp C	mS/cm	Salinity ppt	mg/L	pH	NTU	meters	DO%	ug/L	%FS
740	7/3/2015 02:00:52	13.63	51.56	33.86	8.83	8.25	3.4	3.774	104.9	8.5	2.0
741	7/3/2015 02:15:52	14.13	51.63	33.93	8.71	8.25	4.9	3.677	104.6	8.5	2.0
742	7/3/2015 02:30:52	14.29	51.66	33.96	8.52	8.24	4.8	3.577	102.6	6.6	1.6
743	7/3/2015 02:45:52	15.69	51.76	34.07	8.14	8.22	7.1	3.449	100.9	4.7	1.1
744	7/3/2015 03:00:52	15.60	51.76	34.06	8.20	8.22	7.6	3.315	101.4	7.2	1.7
745	7/3/2015 03:15:52	15.70	51.73	34.05	8.06	8.21	9.4	3.191	99.8	5.8	1.4
746	7/3/2015 03:30:52	15.99	51.81	34.11	7.94	8.20	5.6	3.064	99.0	5.3	1.3
747	7/3/2015 03:45:52	16.40	51.83	34.13	7.75	8.19	5.8	2.936	97.3	6.4	1.5
748	7/3/2015 04:00:52	16.72	51.85	34.15	7.67	8.18	7.2	2.797	97.0	3.6	0.8
749	7/3/2015 04:15:52	17.52	51.97	34.25	7.46	8.17	8.6	2.649	95.9	4.9	1.2
750	7/3/2015 04:30:52	17.71	51.90	34.20	7.40	8.16	11.5	2.516	95.4	4.1	1.0
751	7/3/2015 04:45:52	17.78	52.02	34.29	7.40	8.16	9.9	2.357	95.6	4.6	1.1
752	7/3/2015 05:00:52	17.59	52.04	34.30	7.44	8.16	7.9	2.204	95.8	4.7	1.1
753	7/3/2015 05:15:52	17.77	52.06	34.32	7.38	8.16	10.4	2.058	95.4	4.6	1.1
754	7/3/2015 05:30:52	17.80	52.06	34.32	7.30	8.15	8.8	1.916	94.4	4.1	1.0
755	7/3/2015 05:45:52	18.50	52.16	34.40	7.12	8.14	10.1	1.750	93.3	3.4	0.8
756	7/3/2015 06:00:52	18.79	52.25	34.47	7.00	8.13	10.5	1.597	92.3	4.1	1.0
757	7/3/2015 06:15:52	19.05	52.27	34.48	6.90	8.12	10.0	1.454	91.4	4.5	1.1
758	7/3/2015 06:30:52	19.25	52.30	34.50	6.88	8.12	9.7	1.306	91.4	4.3	1.0
759	7/3/2015 06:45:51	19.41	52.35	34.54	6.80	8.11	10.5	1.182	90.7	4.1	1.0
760	7/3/2015 07:00:51	19.63	52.35	34.54	6.76	8.10	8.6	1.070	90.5	3.2	0.8
761	7/3/2015 07:15:51	19.84	52.44	34.61	6.69	8.10	8.7	1.002	89.9	5.8	1.4
762	7/3/2015 07:30:51	19.80	52.43	34.60	6.68	8.09	7.8	0.976	89.7	3.2	0.8
763	7/3/2015 07:45:51	19.73	52.48	34.64	6.82	8.10	7.0	0.993	91.5	6.8	1.6
764	7/3/2015 08:00:51	19.73	52.38	34.56	6.82	8.10	6.3	1.062	91.5	4.2	1.0
765	7/3/2015 08:15:51	20.04	52.50	34.65	6.81	8.10	6.4	1.162	91.9	4.4	1.0
766	7/3/2015 08:30:51	20.61	52.67	34.77	6.82	8.11	6.9	1.249	93.2	4.2	1.0
767	7/3/2015 08:45:51	20.55	52.65	34.76	6.88	8.11	6.7	1.331	93.8	4.2	1.0
768	7/3/2015 09:00:51	20.41	52.58	34.71	6.78	8.09	7.4	1.434	92.2	4.3	1.0
769	7/3/2015 09:15:51	20.39	52.57	34.70	6.72	8.08	8.3	1.525	91.3	4.1	1.0
770	7/3/2015 09:30:51	20.24	52.52	34.66	6.77	8.08	7.8	1.631	91.7	3.8	0.9
771	7/3/2015 09:45:51	20.05	52.46	34.62	6.78	8.08	7.0	1.712	91.6	4.8	1.1
772	7/3/2015 10:00:51	19.97	52.44	34.60	6.79	8.08	7.3	1.814	91.6	3.2	0.8
773	7/3/2015 10:15:51	19.84	52.41	34.59	6.84	8.09	6.5	1.929	92.0	4.0	0.9
774	7/3/2015 10:30:51	19.62	52.37	34.55	6.89	8.09	6.9	2.033	92.2	3.2	0.8
775	7/3/2015 10:45:51	19.36	52.30	34.50	6.93	8.09	7.0	2.135	92.3	3.1	0.7
776	7/3/2015 11:00:51	19.16	52.24	34.46	6.91	8.09	7.2	2.258	91.6	2.6	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
777	7/3/2015 11:15:51	18.82	52.17	34.41	6.92	8.09	8.4	2.377	91.2	3.8	0.9
778	7/3/2015 11:30:51	18.49	52.12	34.37	6.98	8.09	7.9	2.470	91.4	3.6	0.9
779	7/3/2015 11:45:52	18.28	52.08	34.34	7.03	8.10	8.1	2.579	91.7	3.5	0.8
780	7/3/2015 12:00:51	18.09	52.05	34.31	7.03	8.10	8.6	2.682	91.4	3.1	0.7
781	7/3/2015 12:15:52	17.75	51.96	34.25	7.15	8.11	9.4	2.792	92.2	3.7	0.9
782	7/3/2015 12:30:52	17.16	51.91	34.20	7.34	8.12	11.8	2.883	93.6	3.8	0.9
783	7/3/2015 12:45:52	16.39	51.82	34.12	7.58	8.14	8.3	2.967	95.2	4.9	1.2
784	7/3/2015 13:00:52	15.73	51.77	34.07	7.87	8.16	7.5	3.064	97.5	5.3	1.3
785	7/3/2015 13:15:52	15.40	51.73	34.04	8.05	8.17	6.7	3.147	99.1	6.4	1.5
786	7/3/2015 13:30:52	15.12	51.68	34.00	8.21	8.19	5.1	3.225	100.6	4.6	1.1
787	7/3/2015 13:45:52	14.90	51.66	33.98	8.31	8.20	4.1	3.304	101.3	9.1	2.2
788	7/3/2015 14:00:52	14.77	51.64	33.96	8.43	8.21	3.7	3.365	102.5	4.5	1.1
789	7/3/2015 14:15:52	14.52	51.62	33.94	8.71	8.23	2.8	3.418	105.4	4.0	0.9
790	7/3/2015 14:30:53	14.38	51.59	33.91	8.88	8.24	2.2	3.456	107.1	5.4	1.3
791	7/3/2015 14:45:52	14.33	51.59	33.91	8.76	8.23	1.7	3.465	105.5	4.0	1.0
792	7/3/2015 15:00:52	14.52	51.64	33.95	8.65	8.23	2.2	3.461	104.6	5.3	1.3
793	7/3/2015 15:15:52	14.51	51.61	33.93	8.67	8.23	3.4	3.434	104.9	3.8	0.9
794	7/3/2015 15:30:52	14.68	51.62	33.94	8.55	8.23	3.1	3.365	103.7	3.9	0.9
795	7/3/2015 15:45:52	15.53	51.67	34.00	8.31	8.21	4.3	3.290	102.6	4.5	1.1
796	7/3/2015 16:00:52	15.37	51.62	33.96	8.73	8.23	4.4	3.212	107.4	5.1	1.2
797	7/3/2015 16:15:52	16.59	51.80	34.11	8.27	8.21	6.1	3.107	104.3	4.4	1.0
798	7/3/2015 16:30:52	17.01	51.87	34.17	8.11	8.20	5.9	3.014	103.1	3.2	0.8
799	7/3/2015 16:45:52	17.40	51.92	34.21	8.02	8.19	5.2	2.932	102.8	4.2	1.0
800	7/3/2015 17:00:52	17.49	51.95	34.23	7.94	8.18	5.3	2.828	101.9	4.0	0.9
801	7/3/2015 17:15:52	17.99	52.02	34.29	7.84	8.18	5.4	2.745	101.6	3.8	0.9
802	7/3/2015 17:30:52	18.48	52.06	34.33	7.72	8.17	5.7	2.683	101.0	3.9	0.9
803	7/3/2015 17:45:52	18.95	52.14	34.39	7.76	8.17	5.9	2.591	102.5	4.6	1.1
804	7/3/2015 18:00:52	18.99	52.14	34.39	7.71	8.16	6.7	2.511	102.0	4.5	1.1
805	7/3/2015 18:15:52	19.16	52.15	34.39	7.64	8.16	6.0	2.467	101.3	4.1	1.0
806	7/3/2015 18:30:51	19.25	52.17	34.41	7.85	8.17	6.2	2.393	104.3	5.1	1.2
807	7/3/2015 18:45:51	19.07	52.12	34.37	7.87	8.16	5.8	2.342	104.2	4.3	1.0
808	7/3/2015 19:00:52	19.18	52.16	34.40	7.89	8.16	5.4	2.293	104.6	4.2	1.0
809	7/3/2015 19:15:52	19.50	52.25	34.46	7.82	8.16	5.6	2.260	104.5	4.9	1.2
810	7/3/2015 19:30:51	19.78	52.24	34.46	7.59	8.15	4.7	2.258	101.9	4.3	1.0
811	7/3/2015 19:45:51	19.67	52.23	34.45	7.58	8.14	5.1	2.241	101.5	5.7	1.4
812	7/3/2015 20:00:51	20.05	52.35	34.54	7.76	8.15	6.2	2.245	104.8	5.2	1.2
813	7/3/2015 20:15:51	20.01	52.32	34.52	7.76	8.15	5.6	2.296	104.6	6.7	1.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
814	7/3/2015 20:30:51	19.76	52.30	34.50	7.70	8.14	5.3	2.342	103.3	4.7	1.1
815	7/3/2015 20:45:51	19.58	52.27	34.48	7.65	8.14	6.1	2.390	102.3	4.8	1.1
816	7/3/2015 21:00:52	19.65	52.24	34.46	7.52	8.13	7.5	2.471	100.7	4.4	1.1
817	7/3/2015 21:15:52	19.33	52.17	34.41	7.50	8.13	7.8	2.556	99.8	4.7	1.1
818	7/3/2015 21:30:52	18.99	52.12	34.37	7.57	8.13	7.3	2.644	100.1	4.7	1.1
819	7/3/2015 21:45:52	18.47	52.03	34.30	7.65	8.13	6.2	2.720	100.1	4.8	1.1
820	7/3/2015 22:00:52	17.67	51.93	34.22	7.68	8.14	6.2	2.812	98.9	4.1	1.0
821	7/3/2015 22:15:52	17.15	51.86	34.17	7.71	8.14	4.8	2.905	98.4	5.1	1.2
822	7/3/2015 22:30:52	16.74	51.81	34.12	7.82	8.16	5.8	2.997	98.9	3.8	0.9
823	7/3/2015 22:45:52	16.34	51.74	34.07	8.03	8.17	7.3	3.084	100.8	4.2	1.0
824	7/3/2015 23:00:52	15.88	51.70	34.03	8.24	8.19	5.4	3.178	102.4	3.5	0.8
825	7/3/2015 23:15:52	15.57	51.66	33.99	8.47	8.21	5.0	3.281	104.6	3.3	0.8
826	7/3/2015 23:30:52	15.14	51.60	33.94	8.77	8.23	5.0	3.368	107.4	4.3	1.0
827	7/3/2015 23:45:52	14.74	51.57	33.91	9.05	8.24	4.7	3.462	109.9	5.3	1.3
828	7/4/2015 00:00:52	14.26	51.53	33.86	9.34	8.26	4.4	3.552	112.3	6.8	1.6
829	7/4/2015 00:15:52	14.01	51.51	33.84	9.46	8.28	3.3	3.637	113.2	6.7	1.6
830	7/4/2015 00:30:52	13.78	51.49	33.82	9.72	8.29	2.6	3.713	115.8	9.2	2.2
831	7/4/2015 00:45:52	13.67	51.47	33.80	9.78	8.30	2.0	3.783	116.2	9.1	2.2
832	7/4/2015 01:00:52	13.57	51.49	33.81	9.85	8.30	2.1	3.837	116.8	7.7	1.8
833	7/4/2015 01:15:52	13.55	51.50	33.82	9.86	8.30	1.5	3.891	116.8	8.8	2.1
834	7/4/2015 01:30:52	13.51	51.43	33.76	9.81	8.30	1.8	3.921	116.1	4.6	1.1
835	7/4/2015 01:45:52	13.77	51.36	33.72	9.38	8.28	1.2	3.931	111.6	7.8	1.9
836	7/4/2015 02:00:52	13.65	51.55	33.86	9.52	8.29	1.4	3.934	113.0	5.0	1.2
837	7/4/2015 02:15:52	13.79	51.49	33.82	9.52	8.29	1.8	3.899	113.4	6.0	1.4
838	7/4/2015 02:30:52	13.69	51.51	33.83	9.61	8.29	1.7	3.852	114.2	6.3	1.5
839	7/4/2015 02:45:52	13.88	51.50	33.83	9.39	8.28	2.7	3.775	112.0	7.3	1.7
840	7/4/2015 03:00:53	13.70	51.48	33.81	9.61	8.29	3.6	3.678	114.3	7.8	1.9
841	7/4/2015 03:15:52	13.88	51.52	33.84	9.51	8.29	3.1	3.577	113.5	6.5	1.6
842	7/4/2015 03:30:52	15.08	51.64	33.97	8.50	8.23	5.4	3.473	104.0	5.4	1.3
843	7/4/2015 03:45:53	15.42	51.69	34.01	8.45	8.23	5.9	3.345	104.1	3.9	0.9
844	7/4/2015 04:00:52	15.46	51.68	34.00	8.42	8.22	7.4	3.212	103.8	4.4	1.0
845	7/4/2015 04:15:52	15.63	51.70	34.02	8.23	8.21	6.4	3.081	101.8	3.3	0.8
846	7/4/2015 04:30:52	16.08	51.75	34.07	7.93	8.19	6.8	2.955	99.0	4.3	1.0
847	7/4/2015 04:45:52	16.59	51.83	34.14	7.63	8.17	7.3	2.823	96.2	3.1	0.7
848	7/4/2015 05:00:52	17.19	51.93	34.22	7.08	8.13	8.6	2.674	90.4	3.9	0.9
849	7/4/2015 05:15:52	17.27	51.91	34.21	7.24	8.14	10.3	2.524	92.5	3.2	0.8
850	7/4/2015 05:30:52	16.31	51.86	34.16	7.55	8.15	8.7	2.386	94.8	2.4	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+		Depth	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU	meters	DO%		
851	7/4/2015 05:45:52	17.20	52.00	34.27	7.33	8.15	9.2	2.242	93.7	3.4	0.8
852	7/4/2015 06:00:52	17.00	51.94	34.22	7.34	8.14	9.0	2.087	93.4	2.9	0.7
853	7/4/2015 06:15:52	17.57	52.00	34.27	7.08	8.13	9.5	1.933	91.1	2.7	0.6
854	7/4/2015 06:30:52	17.55	52.04	34.30	6.99	8.12	9.3	1.785	89.9	3.0	0.7
855	7/4/2015 06:45:52	17.93	52.09	34.34	6.77	8.10	9.0	1.649	87.8	3.0	0.7
856	7/4/2015 07:00:52	18.33	52.18	34.41	6.62	8.09	9.9	1.497	86.5	3.7	0.9
857	7/4/2015 07:15:51	18.51	52.17	34.41	6.56	8.08	9.1	1.354	85.9	3.0	0.7
858	7/4/2015 07:30:51	18.70	52.21	34.44	6.51	8.08	9.1	1.252	85.7	4.4	1.0
859	7/4/2015 07:45:52	18.84	52.26	34.47	6.43	8.07	8.6	1.154	84.8	3.4	0.8
860	7/4/2015 08:00:52	19.02	52.30	34.50	6.30	8.06	8.1	1.084	83.4	4.0	0.9
861	7/4/2015 08:15:52	19.19	52.29	34.50	6.19	8.06	6.9	1.053	82.1	3.8	0.9
862	7/4/2015 08:30:52	18.92	52.27	34.48	6.39	8.06	7.5	1.064	84.4	3.4	0.8
863	7/4/2015 08:45:52	19.29	52.38	34.56	6.34	8.06	6.3	1.134	84.4	3.6	0.9
864	7/4/2015 09:00:51	19.48	52.43	34.60	6.32	8.06	6.4	1.219	84.5	4.2	1.0
865	7/4/2015 09:15:51	19.77	52.48	34.63	6.33	8.06	6.7	1.299	85.0	4.2	1.0
866	7/4/2015 09:30:51	19.75	52.47	34.63	6.37	8.06	6.7	1.412	85.6	4.3	1.0
867	7/4/2015 09:45:52	19.74	52.44	34.61	6.31	8.05	7.6	1.507	84.8	4.5	1.1
868	7/4/2015 10:00:51	19.72	52.39	34.57	6.13	8.02	8.3	1.610	82.2	3.8	0.9
869	7/4/2015 10:15:51	19.47	52.33	34.53	6.33	8.04	7.9	1.699	84.5	4.1	1.0
870	7/4/2015 10:30:52	19.34	52.31	34.51	6.39	8.04	7.2	1.797	85.0	4.4	1.0
871	7/4/2015 10:45:52	19.25	52.30	34.50	6.38	8.05	6.9	1.914	84.9	3.6	0.8
872	7/4/2015 11:00:52	19.02	52.26	34.47	6.44	8.05	7.6	2.013	85.2	3.5	0.8
873	7/4/2015 11:15:52	18.70	52.18	34.41	6.54	8.06	7.2	2.118	86.0	2.9	0.7
874	7/4/2015 11:30:52	18.59	52.15	34.39	6.59	8.07	6.5	2.226	86.5	3.4	0.8
875	7/4/2015 11:45:52	18.45	52.11	34.36	6.64	8.07	7.6	2.359	86.8	3.8	0.9
876	7/4/2015 12:00:52	18.16	52.06	34.32	6.74	8.07	9.4	2.454	87.8	3.6	0.8
877	7/4/2015 12:15:52	17.97	52.01	34.29	6.86	8.08	9.8	2.557	89.0	3.3	0.8
878	7/4/2015 12:30:52	17.84	51.98	34.26	6.93	8.09	10.1	2.661	89.6	3.8	0.9
879	7/4/2015 12:45:52	17.39	51.87	34.18	7.26	8.11	11.8	2.766	93.1	3.5	0.8
880	7/4/2015 13:00:52	16.98	51.80	34.12	7.51	8.13	13.3	2.864	95.4	4.3	1.0
881	7/4/2015 13:15:52	16.30	51.69	34.03	7.99	8.16	8.4	2.959	100.1	4.6	1.1
882	7/4/2015 13:30:52	15.82	51.63	33.97	8.33	8.18	7.6	3.065	103.4	4.6	1.1
883	7/4/2015 13:45:52	15.58	51.59	33.94	8.50	8.20	7.9	3.153	105.0	5.6	1.3
884	7/4/2015 14:00:52	15.38	51.57	33.92	8.71	8.22	5.9	3.248	107.2	7.9	1.9
885	7/4/2015 14:15:52	15.09	51.52	33.88	8.90	8.23	5.1	3.341	108.8	5.9	1.4
886	7/4/2015 14:30:52	14.71	51.47	33.83	9.21	8.25	4.1	3.412	111.7	6.3	1.5
887	7/4/2015 14:45:52	14.48	51.43	33.80	9.47	8.26	3.7	3.478	114.4	7.0	1.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
888	7/4/2015 15:00:52	14.32	51.42	33.78	9.61	8.27	2.1	3.528	115.7	4.6	1.1
889	7/4/2015 15:15:52	14.23	51.41	33.77	9.61	8.28	2.6	3.558	115.5	5.4	1.3
890	7/4/2015 15:30:52	14.63	51.29	33.70	9.21	8.27	2.1	3.565	111.5	6.9	1.6
891	7/4/2015 15:45:53	14.41	51.47	33.82	9.35	8.27	3.6	3.547	112.8	4.7	1.1
892	7/4/2015 16:00:53	14.47	51.43	33.79	9.40	8.27	2.4	3.506	113.4	5.3	1.3
893	7/4/2015 16:15:53	14.72	51.48	33.84	9.37	8.27	3.4	3.438	113.7	4.3	1.0
894	7/4/2015 16:30:53	15.02	51.48	33.85	9.29	8.26	3.9	3.355	113.4	4.5	1.1
895	7/4/2015 16:45:52	15.14	51.40	33.79	9.51	8.27	4.4	3.262	116.4	4.3	1.0
896	7/4/2015 17:00:52	16.24	51.57	33.94	9.08	8.26	4.7	3.175	113.6	4.1	1.0
897	7/4/2015 17:15:52	17.28	51.76	34.09	8.70	8.23	5.6	3.084	111.1	4.3	1.0
898	7/4/2015 17:30:52	17.20	51.75	34.08	8.70	8.22	5.2	2.974	111.0	4.8	1.1
899	7/4/2015 17:45:52	17.41	51.80	34.13	8.69	8.22	5.6	2.890	111.4	5.1	1.2
900	7/4/2015 18:00:52	17.80	51.84	34.16	8.49	8.20	6.8	2.809	109.6	3.4	0.8
901	7/4/2015 18:15:52	18.35	51.89	34.20	8.27	8.20	5.3	2.716	107.9	3.7	0.9
902	7/4/2015 18:30:52	18.70	51.96	34.25	8.20	8.19	6.2	2.633	107.8	4.6	1.1
903	7/4/2015 18:45:52	18.80	51.97	34.26	8.11	8.18	5.6	2.565	106.7	3.4	0.8
904	7/4/2015 19:00:52	18.78	51.95	34.24	8.19	8.18	5.9	2.490	107.8	3.7	0.9
905	7/4/2015 19:15:52	18.56	51.87	34.19	8.41	8.19	5.3	2.433	110.2	3.9	0.9
906	7/4/2015 19:30:52	19.05	52.01	34.29	8.13	8.18	5.6	2.368	107.5	3.6	0.8
907	7/4/2015 19:45:52	19.19	52.04	34.31	8.03	8.17	5.6	2.315	106.5	3.3	0.8
908	7/4/2015 20:00:51	19.77	52.14	34.39	8.03	8.17	5.5	2.293	107.7	4.3	1.0
909	7/4/2015 20:15:51	19.97	52.19	34.42	7.89	8.16	5.7	2.247	106.2	3.8	0.9
910	7/4/2015 20:30:51	20.21	52.22	34.44	7.84	8.15	5.4	2.245	106.1	5.5	1.3
911	7/4/2015 20:45:51	20.49	52.28	34.48	7.83	8.14	5.7	2.252	106.5	5.5	1.3
912	7/4/2015 21:00:51	19.91	52.17	34.40	8.04	8.15	5.4	2.268	108.1	4.3	1.0
913	7/4/2015 21:15:51	19.92	52.20	34.43	8.01	8.15	6.4	2.311	107.8	4.8	1.2
914	7/4/2015 21:30:51	19.81	52.18	34.41	8.02	8.15	5.9	2.364	107.7	4.6	1.1
915	7/4/2015 21:45:51	19.65	52.14	34.39	7.97	8.15	6.0	2.432	106.7	3.9	0.9
916	7/4/2015 22:00:51	19.66	52.10	34.35	7.86	8.13	7.2	2.512	105.2	4.0	1.0
917	7/4/2015 22:15:51	19.29	52.05	34.32	7.96	8.14	6.2	2.587	105.8	3.9	0.9
918	7/4/2015 22:30:51	19.07	52.00	34.28	8.02	8.14	6.2	2.673	106.2	4.3	1.0
919	7/4/2015 22:45:51	18.29	51.86	34.18	8.13	8.14	5.6	2.755	105.9	4.5	1.1
920	7/4/2015 23:00:52	17.70	51.81	34.14	8.09	8.15	5.2	2.841	104.3	4.2	1.0
921	7/4/2015 23:15:52	17.43	51.76	34.10	8.04	8.15	6.1	2.925	103.1	5.0	1.2
922	7/4/2015 23:30:52	17.04	51.72	34.06	8.17	8.16	6.2	3.011	103.9	4.6	1.1
923	7/4/2015 23:45:52	16.57	51.64	34.00	8.37	8.18	5.4	3.103	105.4	4.2	1.0
924	7/5/2015 00:00:52	16.18	51.57	33.94	8.56	8.19	5.1	3.192	107.0	3.5	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
925	7/5/2015 00:15:52	15.89	51.55	33.92	8.69	8.21	4.3	3.291	108.0	4.1	1.0
926	7/5/2015 00:30:52	15.47	51.49	33.87	9.03	8.22	4.6	3.378	111.3	5.2	1.2
927	7/5/2015 00:45:52	15.08	51.43	33.81	9.30	8.24	3.0	3.464	113.7	4.7	1.1
928	7/5/2015 01:00:52	14.74	51.41	33.79	9.54	8.26	4.2	3.552	115.8	4.7	1.1
929	7/5/2015 01:15:52	14.38	51.37	33.75	9.78	8.27	2.3	3.627	117.8	6.1	1.4
930	7/5/2015 01:30:52	14.20	51.35	33.73	9.92	8.28	2.4	3.695	119.0	6.3	1.5
931	7/5/2015 01:45:52	14.13	51.33	33.71	9.91	8.29	1.7	3.758	118.7	6.4	1.5
932	7/5/2015 02:00:52	14.17	51.55	33.87	9.80	8.28	1.7	3.809	117.6	6.5	1.6
933	7/5/2015 02:15:52	13.97	51.44	33.79	9.94	8.29	1.8	3.842	118.8	12.9	3.1
934	7/5/2015 02:30:52	14.07	51.33	33.71	9.72	8.28	1.7	3.866	116.4	5.3	1.3
935	7/5/2015 02:45:52	14.11	51.50	33.84	9.54	8.27	1.3	3.868	114.4	6.5	1.6
936	7/5/2015 03:00:53	14.26	51.37	33.74	9.61	8.28	1.8	3.846	115.4	5.0	1.2
937	7/5/2015 03:15:53	14.11	51.35	33.73	9.81	8.28	1.6	3.798	117.5	5.7	1.4
938	7/5/2015 03:30:53	14.42	51.38	33.76	9.53	8.27	2.3	3.741	115.0	6.2	1.5
939	7/5/2015 03:45:52	14.40	51.37	33.75	9.45	8.27	2.9	3.656	113.9	4.7	1.1
940	7/5/2015 04:00:52	14.36	51.38	33.76	9.44	8.27	3.1	3.541	113.7	4.2	1.0
941	7/5/2015 04:15:52	14.98	51.45	33.83	8.96	8.24	4.8	3.444	109.3	2.7	0.6
942	7/5/2015 04:30:52	15.90	51.59	33.95	8.55	8.22	5.5	3.328	106.3	2.9	0.7
943	7/5/2015 04:45:53	15.99	51.60	33.96	8.54	8.21	6.4	3.197	106.3	3.4	0.8
944	7/5/2015 05:00:52	16.09	51.61	33.96	8.40	8.20	5.4	3.067	104.8	3.6	0.9
945	7/5/2015 05:15:52	16.34	51.65	34.00	8.14	8.19	6.4	2.958	102.0	3.5	0.8
946	7/5/2015 05:30:52	17.06	51.77	34.10	7.62	8.15	6.5	2.824	97.0	3.3	0.8
947	7/5/2015 05:45:52	17.51	51.86	34.17	7.45	8.14	7.6	2.691	95.7	2.8	0.7
948	7/5/2015 06:00:52	17.87	51.93	34.22	6.88	8.10	8.4	2.553	89.0	3.6	0.9
949	7/5/2015 06:15:51	17.60	51.82	34.14	7.27	8.12	8.6	2.422	93.5	3.7	0.9
950	7/5/2015 06:30:52	17.02	51.75	34.09	7.62	8.14	7.8	2.280	96.9	2.4	0.6
951	7/5/2015 06:45:52	17.75	51.98	34.26	7.42	8.13	8.1	2.133	95.8	2.8	0.7
952	7/5/2015 07:00:52	17.54	51.87	34.18	7.36	8.13	6.9	1.991	94.6	3.4	0.8
953	7/5/2015 07:15:52	17.75	51.87	34.18	7.22	8.12	7.5	1.857	93.2	2.9	0.7
954	7/5/2015 07:30:52	18.32	52.03	34.30	6.98	8.10	9.3	1.718	91.0	3.0	0.7
955	7/5/2015 07:45:52	18.60	52.06	34.33	6.84	8.09	9.5	1.576	89.8	3.5	0.8
956	7/5/2015 08:00:52	18.98	52.17	34.41	6.72	8.08	9.5	1.451	88.9	2.1	0.5
957	7/5/2015 08:15:52	19.05	52.18	34.42	6.67	8.07	7.5	1.346	88.3	3.6	0.8
958	7/5/2015 08:30:51	19.35	52.23	34.45	6.59	8.07	7.6	1.259	87.8	3.4	0.8
959	7/5/2015 08:45:51	19.38	52.23	34.45	6.55	8.06	6.6	1.201	87.2	3.4	0.8
960	7/5/2015 09:00:52	19.41	52.25	34.46	6.46	8.06	5.9	1.158	86.1	4.0	0.9
961	7/5/2015 09:15:51	19.35	52.22	34.44	6.66	8.06	7.6	1.206	88.7	3.5	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
962	7/5/2015 09:30:51	19.66	52.28	34.49	6.67	8.07	5.7	1.247	89.3	3.5	0.8
963	7/5/2015 09:45:51	19.72	52.33	34.53	6.60	8.06	6.8	1.316	88.5	4.1	1.0
964	7/5/2015 10:00:51	20.20	52.43	34.60	6.55	8.06	6.5	1.418	88.7	4.3	1.0
965	7/5/2015 10:15:51	19.93	52.38	34.56	6.61	8.06	6.8	1.515	89.0	3.4	0.8
966	7/5/2015 10:30:51	19.94	52.34	34.53	6.45	8.04	7.0	1.613	86.9	3.3	0.8
967	7/5/2015 10:45:51	19.98	52.33	34.52	6.38	8.03	7.4	1.703	86.0	4.1	1.0
968	7/5/2015 11:00:51	19.67	52.25	34.47	6.48	8.03	7.3	1.807	86.8	3.4	0.8
969	7/5/2015 11:15:51	19.52	52.22	34.44	6.57	8.04	6.8	1.907	87.8	4.1	1.0
970	7/5/2015 11:30:52	19.44	52.19	34.42	6.63	8.05	6.3	2.005	88.3	3.0	0.7
971	7/5/2015 11:45:51	19.20	52.17	34.40	6.69	8.05	5.9	2.110	88.8	3.8	0.9
972	7/5/2015 12:00:52	18.96	52.10	34.36	6.79	8.06	5.9	2.216	89.8	3.7	0.9
973	7/5/2015 12:15:52	18.85	52.08	34.34	6.80	8.06	6.5	2.321	89.7	3.9	0.9
974	7/5/2015 12:30:52	18.67	52.04	34.31	6.85	8.07	6.8	2.433	90.0	3.1	0.7
975	7/5/2015 12:45:52	18.38	51.98	34.26	6.95	8.07	8.7	2.546	90.7	3.4	0.8
976	7/5/2015 13:00:52	18.18	51.95	34.24	7.06	8.08	9.6	2.641	91.9	2.8	0.7
977	7/5/2015 13:15:52	18.07	51.91	34.21	7.13	8.09	9.7	2.751	92.5	3.7	0.9
978	7/5/2015 13:30:52	17.70	51.80	34.13	7.37	8.10	10.6	2.852	95.0	3.9	0.9
979	7/5/2015 13:45:52	17.22	51.71	34.06	7.68	8.12	8.9	2.951	98.0	3.6	0.9
980	7/5/2015 14:00:52	16.46	51.60	33.96	8.19	8.16	9.0	3.049	103.0	5.0	1.2
981	7/5/2015 14:15:52	16.11	51.55	33.92	8.47	8.18	8.1	3.151	105.7	5.0	1.2
982	7/5/2015 14:30:53	15.83	51.52	33.89	8.73	8.20	8.5	3.248	108.4	5.6	1.3
983	7/5/2015 14:45:52	15.34	51.43	33.82	8.98	8.21	5.6	3.337	110.3	5.9	1.4
984	7/5/2015 15:00:52	14.66	51.35	33.74	9.14	8.21	4.6	3.431	110.7	5.5	1.3
985	7/5/2015 15:15:52	14.24	51.32	33.71	9.19	8.22	3.8	3.505	110.4	4.4	1.0
986	7/5/2015 15:30:52	14.02	51.30	33.69	9.24	8.22	3.7	3.570	110.4	4.6	1.1
987	7/5/2015 15:45:52	13.91	51.29	33.68	9.24	8.23	2.3	3.619	110.2	6.2	1.5
988	7/5/2015 16:00:52	13.83	51.29	33.67	9.22	8.22	2.0	3.654	109.7	4.2	1.0
989	7/5/2015 16:15:52	13.87	51.25	33.65	8.91	8.21	1.8	3.661	106.1	2.9	0.7
990	7/5/2015 16:30:52	14.16	51.31	33.70	9.06	8.22	2.3	3.643	108.6	3.5	0.8
991	7/5/2015 16:45:52	13.94	51.30	33.68	9.17	8.22	2.0	3.607	109.5	5.1	1.2
992	7/5/2015 17:00:52	14.11	51.30	33.69	9.18	8.23	3.5	3.548	109.9	4.0	0.9
993	7/5/2015 17:15:52	14.90	51.36	33.76	9.19	8.24	5.2	3.460	111.9	4.1	1.0
994	7/5/2015 17:30:52	14.91	51.34	33.74	9.20	8.24	4.3	3.379	112.1	4.6	1.1
995	7/5/2015 17:45:52	15.09	51.37	33.77	9.17	8.24	5.3	3.278	112.0	3.9	0.9
996	7/5/2015 18:00:52	17.04	51.64	34.01	8.70	8.23	7.9	3.182	110.6	4.6	1.1
997	7/5/2015 18:15:52	17.11	51.65	34.01	8.62	8.21	6.1	3.081	109.7	4.1	1.0
998	7/5/2015 18:30:52	17.06	51.65	34.01	8.61	8.21	5.4	2.984	109.5	4.8	1.1

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
999	7/5/2015 18:45:52	17.28	51.68	34.04	8.57	8.21	5.2	2.903	109.5	4.0	1.0
1000	7/5/2015 19:00:52	18.17	51.81	34.14	8.33	8.19	5.9	2.805	108.3	5.0	1.2
1001	7/5/2015 19:15:51	18.83	51.96	34.25	8.10	8.18	5.7	2.728	106.7	5.6	1.3
1002	7/5/2015 19:30:51	19.06	51.95	34.24	8.05	8.17	5.9	2.645	106.5	4.4	1.0
1003	7/5/2015 19:45:51	19.25	52.03	34.30	8.04	8.17	6.3	2.568	106.8	4.2	1.0
1004	7/5/2015 20:00:51	19.32	52.05	34.32	7.89	8.15	6.8	2.500	104.9	4.1	1.0
1005	7/5/2015 20:15:51	19.39	52.08	34.34	7.86	8.15	7.2	2.422	104.6	4.9	1.2
1006	7/5/2015 20:30:51	19.37	52.06	34.32	7.82	8.14	7.1	2.379	104.1	5.0	1.2
1007	7/5/2015 20:45:52	19.34	52.06	34.33	7.71	8.13	5.7	2.327	102.6	4.7	1.1
1008	7/5/2015 21:00:52	19.53	52.11	34.37	7.64	8.13	5.7	2.285	102.0	4.5	1.1
1009	7/5/2015 21:15:51	19.83	52.18	34.41	7.50	8.12	5.6	2.263	100.7	4.8	1.1
1010	7/5/2015 21:30:51	20.05	52.20	34.43	7.48	8.12	6.3	2.253	100.9	5.6	1.3
1011	7/5/2015 21:45:51	20.29	52.27	34.48	7.50	8.12	6.2	2.261	101.6	6.4	1.5
1012	7/5/2015 22:00:51	20.17	52.23	34.45	7.56	8.12	6.2	2.282	102.3	6.1	1.5
1013	7/5/2015 22:15:51	19.87	52.18	34.41	7.63	8.12	6.4	2.330	102.5	5.3	1.3
1014	7/5/2015 22:30:52	19.80	52.18	34.41	7.63	8.12	6.3	2.369	102.4	4.2	1.0
1015	7/5/2015 22:45:51	19.65	52.14	34.38	7.62	8.12	6.5	2.431	102.0	5.3	1.3
1016	7/5/2015 23:00:51	19.75	52.13	34.38	7.58	8.11	7.1	2.508	101.7	5.2	1.2
1017	7/5/2015 23:15:52	19.49	52.07	34.33	7.65	8.12	6.8	2.587	102.0	4.3	1.0
1018	7/5/2015 23:30:51	19.32	52.05	34.32	7.69	8.12	5.6	2.658	102.2	3.9	0.9
1019	7/5/2015 23:45:52	18.86	51.94	34.24	7.82	8.12	6.2	2.738	103.1	4.7	1.1
1020	7/6/2015 00:00:52	18.07	51.81	34.14	7.88	8.13	5.4	2.817	102.2	3.9	0.9
1021	7/6/2015 00:15:52	17.66	51.75	34.09	7.89	8.13	4.8	2.901	101.6	4.7	1.1
1022	7/6/2015 00:30:52	17.46	51.73	34.07	7.92	8.14	4.2	2.970	101.5	4.1	1.0
1023	7/6/2015 00:45:52	17.06	51.65	34.01	8.05	8.15	4.5	3.061	102.4	3.9	0.9
1024	7/6/2015 01:00:52	16.62	51.57	33.94	8.18	8.15	4.3	3.149	103.2	3.9	0.9
1025	7/6/2015 01:15:52	16.21	51.52	33.90	8.33	8.16	4.3	3.224	104.2	3.3	0.8
1026	7/6/2015 01:30:52	16.00	51.48	33.87	8.39	8.17	5.0	3.311	104.5	3.8	0.9
1027	7/6/2015 01:45:52	15.63	51.43	33.83	8.49	8.18	5.5	3.392	104.9	3.9	0.9
1028	7/6/2015 02:00:52	15.21	51.38	33.78	8.63	8.18	5.1	3.469	105.7	3.6	0.9
1029	7/6/2015 02:15:52	14.83	51.34	33.74	8.72	8.19	5.3	3.543	106.0	4.6	1.1
1030	7/6/2015 02:30:52	14.43	51.31	33.70	8.76	8.19	3.9	3.603	105.7	3.9	0.9
1031	7/6/2015 02:45:52	14.31	51.30	33.70	8.83	8.19	3.1	3.660	106.2	3.4	0.8
1032	7/6/2015 03:00:52	14.07	51.27	33.67	8.88	8.20	2.1	3.697	106.2	3.1	0.7
1033	7/6/2015 03:15:52	14.08	51.26	33.66	8.93	8.20	2.0	3.726	106.9	4.0	1.0
1034	7/6/2015 03:30:52	14.03	51.28	33.67	8.59	8.19	1.8	3.731	102.7	3.3	0.8
1035	7/6/2015 03:45:52	14.10	51.26	33.66	8.69	8.19	1.7	3.729	104.0	3.1	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
1036	7/6/2015 04:00:52	14.19	51.29	33.69	8.67	8.20	2.9	3.692	104.0	3.1	0.7
1037	7/6/2015 04:15:52	14.46	51.37	33.75	8.57	8.19	2.9	3.628	103.4	2.7	0.6
1038	7/6/2015 04:30:52	14.83	51.40	33.78	8.48	8.18	3.7	3.566	103.1	3.0	0.7
1039	7/6/2015 04:45:52	15.17	51.40	33.79	8.36	8.18	5.7	3.472	102.4	2.8	0.7
1040	7/6/2015 05:00:52	15.47	51.40	33.80	8.26	8.18	5.4	3.369	101.8	2.7	0.6
1041	7/6/2015 05:15:52	16.36	51.57	33.94	7.88	8.16	7.2	3.258	98.8	3.0	0.7
1042	7/6/2015 05:30:52	16.29	51.57	33.94	7.96	8.16	8.1	3.158	99.7	3.6	0.9
1043	7/6/2015 05:45:52	16.32	51.55	33.93	7.90	8.15	6.5	3.046	98.9	3.0	0.7
1044	7/6/2015 06:00:52	16.66	51.66	34.01	7.62	8.14	6.5	2.928	96.2	3.2	0.8
1045	7/6/2015 06:15:52	17.75	51.85	34.16	6.94	8.10	7.6	2.814	89.5	2.9	0.7
1046	7/6/2015 06:30:52	18.03	51.88	34.19	6.89	8.10	7.6	2.691	89.4	3.5	0.8
1047	7/6/2015 06:45:52	18.32	51.96	34.25	6.65	8.07	7.5	2.577	86.7	3.6	0.9
1048	7/6/2015 07:00:52	18.19	51.94	34.24	6.40	8.04	8.4	2.438	83.3	2.8	0.7
1049	7/6/2015 07:15:52	18.04	51.92	34.21	6.72	8.06	8.3	2.306	87.2	3.6	0.9
1050	7/6/2015 07:30:52	17.78	51.87	34.18	6.91	8.08	7.6	2.187	89.2	3.7	0.9
1051	7/6/2015 07:45:52	17.75	51.86	34.17	6.99	8.08	8.3	2.060	90.1	3.2	0.8
1052	7/6/2015 08:00:52	18.07	51.96	34.25	6.96	8.08	8.4	1.918	90.3	3.2	0.8
1053	7/6/2015 08:15:52	18.40	52.00	34.28	6.87	8.08	7.5	1.783	89.8	3.6	0.8
1054	7/6/2015 08:30:52	18.43	52.00	34.28	6.85	8.08	7.8	1.675	89.5	3.4	0.8
1055	7/6/2015 08:45:52	18.75	52.07	34.33	6.74	8.07	6.7	1.568	88.7	2.8	0.7
1056	7/6/2015 09:00:52	18.86	52.10	34.36	6.69	8.06	7.7	1.444	88.3	3.8	0.9
1057	7/6/2015 09:15:52	19.06	52.15	34.39	6.63	8.06	7.8	1.398	87.7	3.1	0.7
1058	7/6/2015 09:30:52	19.07	52.14	34.39	6.49	8.05	5.9	1.355	85.9	3.6	0.8
1059	7/6/2015 09:45:51	19.11	52.14	34.38	6.37	8.04	5.2	1.334	84.4	2.2	0.5
1060	7/6/2015 10:00:51	19.00	52.12	34.37	6.75	8.06	7.2	1.343	89.2	4.0	1.0
1061	7/6/2015 10:15:52	19.22	52.17	34.40	6.62	8.05	5.7	1.409	87.9	3.7	0.9
1062	7/6/2015 10:30:52	19.25	52.19	34.42	6.61	8.05	5.7	1.479	87.9	4.1	1.0
1063	7/6/2015 10:45:51	19.51	52.30	34.50	6.55	8.05	6.2	1.544	87.5	4.6	1.1
1064	7/6/2015 11:00:52	19.50	52.25	34.46	6.56	8.04	5.8	1.650	87.6	4.3	1.0
1065	7/6/2015 11:15:51	19.48	52.24	34.46	6.57	8.04	6.8	1.753	87.6	3.6	0.9
1066	7/6/2015 11:30:51	19.49	52.25	34.46	6.56	8.04	6.2	1.827	87.5	4.1	1.0
1067	7/6/2015 11:45:51	19.14	52.14	34.39	6.66	8.04	6.5	1.921	88.3	4.7	1.1
1068	7/6/2015 12:00:52	19.19	52.15	34.39	6.68	8.05	5.7	2.023	88.7	3.9	0.9
1069	7/6/2015 12:15:52	19.30	52.18	34.42	6.57	8.05	6.1	2.118	87.4	4.2	1.0
1070	7/6/2015 12:30:51	19.26	52.22	34.45	6.55	8.04	5.9	2.217	87.0	3.7	0.9
1071	7/6/2015 12:45:51	18.93	52.12	34.37	6.64	8.04	7.0	2.323	87.7	3.6	0.9
1072	7/6/2015 13:00:52	18.74	52.06	34.33	6.74	8.05	6.2	2.425	88.7	3.5	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
1073	7/6/2015 13:15:52	18.46	51.97	34.26	6.81	8.06	7.4	2.522	89.1	3.3	0.8
1074	7/6/2015 13:30:52	18.26	51.93	34.22	6.84	8.06	8.7	2.625	89.1	4.1	1.0
1075	7/6/2015 13:45:52	18.08	51.87	34.18	6.96	8.07	9.2	2.724	90.3	4.7	1.1
1076	7/6/2015 14:00:52	17.93	51.81	34.14	7.06	8.08	9.0	2.825	91.4	3.6	0.9
1077	7/6/2015 14:15:52	17.45	51.68	34.04	7.32	8.09	11.1	2.925	93.8	3.7	0.9
1078	7/6/2015 14:30:52	17.07	51.65	34.01	7.54	8.10	10.5	3.023	95.9	3.9	0.9
1079	7/6/2015 14:45:52	16.54	51.51	33.90	7.78	8.12	9.6	3.123	97.9	4.5	1.1
1080	7/6/2015 15:00:52	16.04	51.42	33.82	8.05	8.14	11.1	3.223	100.3	4.1	1.0
1081	7/6/2015 15:15:52	15.66	51.34	33.76	8.25	8.16	10.0	3.319	102.0	4.4	1.1
1082	7/6/2015 15:30:52	15.53	51.29	33.72	8.31	8.17	8.9	3.416	102.4	4.6	1.1
1083	7/6/2015 15:45:52	15.36	51.25	33.69	8.39	8.17	7.7	3.497	103.0	3.9	0.9
1084	7/6/2015 16:00:52	15.32	51.24	33.68	8.39	8.17	5.3	3.572	103.0	3.7	0.9
1085	7/6/2015 16:15:52	15.19	51.21	33.65	8.45	8.18	4.2	3.634	103.4	2.1	0.5
1086	7/6/2015 16:30:52	15.12	51.21	33.65	8.43	8.18	3.9	3.679	103.0	3.2	0.8
1087	7/6/2015 16:45:53	15.22	51.20	33.65	8.27	8.17	3.6	3.708	101.2	2.8	0.7
1088	7/6/2015 17:00:53	15.85	51.45	33.85	8.02	8.16	4.2	3.718	99.5	5.9	1.4
1089	7/6/2015 17:15:52	15.49	51.24	33.68	8.13	8.16	4.2	3.695	100.1	2.7	0.6
1090	7/6/2015 17:30:52	15.24	51.17	33.62	8.33	8.17	3.3	3.659	102.1	3.3	0.8
1091	7/6/2015 17:45:52	15.79	51.31	33.74	8.35	8.18	5.3	3.595	103.5	3.8	0.9
1092	7/6/2015 18:00:53	15.62	51.29	33.72	8.38	8.18	5.6	3.511	103.4	3.0	0.7
1093	7/6/2015 18:15:52	15.48	51.24	33.68	8.44	8.18	5.3	3.422	103.9	3.8	0.9
1094	7/6/2015 18:30:52	15.75	51.29	33.72	8.42	8.18	5.9	3.324	104.2	3.3	0.8
1095	7/6/2015 18:45:52	16.74	51.52	33.91	8.16	8.17	8.2	3.226	103.1	4.5	1.1
1096	7/6/2015 19:00:52	16.41	51.46	33.86	8.29	8.17	5.9	3.130	104.1	4.2	1.0
1097	7/6/2015 19:15:52	16.38	51.45	33.85	8.29	8.17	6.8	3.030	103.9	4.1	1.0
1098	7/6/2015 19:30:52	16.97	51.58	33.96	8.08	8.16	6.6	2.934	102.6	4.1	1.0
1099	7/6/2015 19:45:52	17.70	51.74	34.08	7.83	8.14	7.5	2.842	100.8	3.8	0.9
1100	7/6/2015 20:00:52	18.21	51.84	34.16	7.66	8.13	7.3	2.749	99.7	4.6	1.1
1101	7/6/2015 20:15:52	18.40	51.89	34.20	7.59	8.13	6.9	2.660	99.2	4.5	1.1
1102	7/6/2015 20:30:52	18.49	51.91	34.21	7.48	8.12	6.5	2.579	97.9	4.9	1.2
1103	7/6/2015 20:45:52	18.48	51.90	34.21	7.42	8.11	7.4	2.491	97.1	3.8	0.9
1104	7/6/2015 21:00:52	18.27	51.85	34.17	7.40	8.11	6.5	2.416	96.5	4.1	1.0
1105	7/6/2015 21:15:52	18.33	51.88	34.19	7.39	8.11	7.6	2.344	96.4	4.2	1.0
1106	7/6/2015 21:30:52	18.13	51.82	34.14	7.39	8.10	5.9	2.280	96.0	4.0	0.9
1107	7/6/2015 21:45:52	18.25	51.87	34.18	7.35	8.10	5.7	2.225	95.7	4.3	1.0
1108	7/6/2015 22:00:52	18.41	51.92	34.22	7.31	8.10	5.2	2.182	95.5	4.3	1.0
1109	7/6/2015 22:15:52	18.45	52.01	34.29	7.23	8.10	6.1	2.155	94.5	5.1	1.2

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
1110	7/6/2015 22:30:52	18.83	52.06	34.32	7.16	8.09	5.3	2.141	94.3	5.3	1.3
1111	7/6/2015 22:45:52	19.17	52.09	34.35	7.09	8.09	4.2	2.142	94.0	5.0	1.2
1112	7/6/2015 23:00:51	18.86	52.09	34.35	7.30	8.10	5.4	2.165	96.3	5.1	1.2
1113	7/6/2015 23:15:52	18.85	52.00	34.28	7.32	8.09	5.3	2.210	96.5	5.1	1.2
1114	7/6/2015 23:30:52	19.39	52.21	34.44	7.25	8.10	6.2	2.255	96.6	5.4	1.3
1115	7/6/2015 23:45:51	19.19	52.15	34.39	7.26	8.10	6.2	2.317	96.3	4.6	1.1
1116	7/7/2015 00:00:52	19.07	52.12	34.37	7.26	8.09	6.1	2.396	96.1	5.7	1.4
1117	7/7/2015 00:15:52	18.84	52.02	34.29	7.20	8.08	6.8	2.466	94.8	4.9	1.2
1118	7/7/2015 00:30:52	18.53	51.96	34.25	7.25	8.09	5.9	2.544	94.9	6.8	1.6
1119	7/7/2015 00:45:52	18.52	51.94	34.23	7.26	8.09	5.7	2.622	95.1	5.2	1.2
1120	7/7/2015 01:00:52	18.15	51.85	34.17	7.36	8.09	5.7	2.694	95.7	4.7	1.1
1121	7/7/2015 01:15:52	17.74	51.77	34.11	7.37	8.10	5.3	2.771	95.0	5.3	1.3
1122	7/7/2015 01:30:52	17.58	51.73	34.07	7.37	8.10	5.0	2.845	94.7	13.8	3.3
1123	7/7/2015 01:45:52	17.37	51.68	34.04	7.44	8.10	5.7	2.917	95.2	5.3	1.3
1124	7/7/2015 02:00:52	17.10	51.60	33.98	7.51	8.11	6.2	2.998	95.6	4.5	1.1
1125	7/7/2015 02:15:52	16.89	51.54	33.93	7.62	8.11	5.3	3.066	96.5	4.0	1.0
1126	7/7/2015 02:30:52	16.77	51.54	33.92	7.69	8.12	5.4	3.147	97.2	4.2	1.0
1127	7/7/2015 02:45:52	16.58	51.48	33.88	7.73	8.12	5.4	3.226	97.3	3.8	0.9
1128	7/7/2015 03:00:52	16.43	51.44	33.84	7.80	8.13	5.9	3.289	97.9	3.6	0.9
1129	7/7/2015 03:15:52	16.22	51.38	33.80	7.90	8.14	5.0	3.358	98.7	3.9	0.9
1130	7/7/2015 03:30:52	15.91	51.33	33.76	8.03	8.14	4.8	3.416	99.7	3.3	0.8
1131	7/7/2015 03:45:52	15.54	51.20	33.66	8.17	8.15	3.4	3.469	100.7	3.2	0.8
1132	7/7/2015 04:00:52	16.04	51.20	33.66	7.90	8.14	4.6	3.499	98.3	4.0	0.9
1133	7/7/2015 04:15:52	17.45	51.86	34.17	6.31	8.03	6.7	3.527	80.9	3.7	0.9
1134	7/7/2015 04:30:52	16.48	51.63	33.98	7.09	8.08	3.8	3.539	89.2	3.7	0.9
1135	7/7/2015 04:45:52	16.05	51.23	33.68	7.50	8.11	3.8	3.525	93.4	3.3	0.8
1136	7/7/2015 05:00:52	16.45	51.61	33.97	7.27	8.10	6.2	3.493	91.3	3.0	0.7
1137	7/7/2015 05:15:52	16.44	51.47	33.87	7.43	8.11	5.2	3.435	93.3	3.7	0.9
1138	7/7/2015 05:30:52	16.42	51.45	33.85	7.48	8.11	6.2	3.373	93.8	3.3	0.8
1139	7/7/2015 05:45:52	16.33	51.43	33.84	7.55	8.11	5.6	3.298	94.6	3.5	0.8
1140	7/7/2015 06:00:52	16.27	51.40	33.82	7.64	8.12	6.2	3.198	95.6	3.6	0.8
1141	7/7/2015 06:15:52	16.73	51.54	33.93	7.31	8.10	7.0	3.091	92.3	3.0	0.7
1142	7/7/2015 06:30:52	16.79	51.50	33.89	7.33	8.10	6.5	3.009	92.6	2.8	0.7
1143	7/7/2015 06:45:52	16.88	51.54	33.93	7.33	8.10	6.4	2.900	92.8	2.5	0.6
1144	7/7/2015 07:00:52	17.31	51.71	34.06	6.95	8.08	7.3	2.797	88.9	2.7	0.6
1145	7/7/2015 07:15:52	17.75	51.72	34.07	6.60	8.05	7.2	2.693	85.1	3.2	0.8
1146	7/7/2015 07:30:52	18.01	51.89	34.20	6.29	8.03	7.4	2.587	81.6	3.6	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
1147	7/7/2015 07:45:52	17.99	51.87	34.18	6.17	8.02	7.5	2.488	79.9	3.0	0.7
1148	7/7/2015 08:00:52	17.91	51.88	34.19	6.00	8.00	7.0	2.370	77.7	5.1	1.2
1149	7/7/2015 08:15:52	17.95	51.87	34.18	6.06	8.00	7.0	2.256	78.4	3.5	0.8
1150	7/7/2015 08:30:52	17.84	51.81	34.14	6.30	8.02	7.7	2.153	81.3	2.8	0.7
1151	7/7/2015 08:45:52	17.79	51.79	34.12	6.49	8.03	6.1	2.034	83.7	3.3	0.8
1152	7/7/2015 09:00:52	17.78	51.77	34.11	6.70	8.05	6.4	1.915	86.5	3.2	0.8
1153	7/7/2015 09:15:52	17.88	51.80	34.13	6.71	8.05	6.5	1.819	86.7	4.3	1.0
1154	7/7/2015 09:30:52	17.98	51.81	34.14	6.78	8.06	7.0	1.720	87.9	4.0	1.0
1155	7/7/2015 09:45:52	17.98	51.80	34.13	6.80	8.06	6.0	1.642	88.0	3.5	0.8
1156	7/7/2015 10:00:52	18.11	51.82	34.15	6.78	8.05	5.4	1.570	88.0	3.3	0.8
1157	7/7/2015 10:15:52	18.21	51.86	34.18	6.61	8.05	5.1	1.535	86.0	3.2	0.8
1158	7/7/2015 10:30:52	18.21	51.85	34.17	6.32	8.03	4.2	1.524	82.2	3.8	0.9
1159	7/7/2015 10:45:52	18.05	51.77	34.11	7.01	8.06	6.1	1.524	90.9	4.4	1.0
1160	7/7/2015 11:00:52	18.33	51.87	34.19	6.78	8.05	5.4	1.549	88.5	4.1	1.0
1161	7/7/2015 11:15:52	18.39	51.85	34.17	6.79	8.05	5.2	1.604	88.7	3.6	0.9
1162	7/7/2015 11:30:52	18.63	51.94	34.23	6.67	8.05	5.4	1.689	87.5	4.4	1.0
1163	7/7/2015 11:45:52	18.74	51.98	34.26	6.61	8.04	6.1	1.752	87.0	4.2	1.0
1164	7/7/2015 12:00:52	18.75	51.98	34.26	6.58	8.04	6.0	1.835	86.6	4.0	1.0
1165	7/7/2015 12:15:52	18.62	51.92	34.22	6.60	8.04	6.0	1.942	86.6	4.1	1.0
1166	7/7/2015 12:30:52	18.53	51.90	34.20	6.61	8.04	5.5	2.021	86.5	4.2	1.0
1167	7/7/2015 12:45:52	18.48	51.85	34.17	6.64	8.04	5.6	2.115	86.9	4.3	1.0
1168	7/7/2015 13:00:51	18.50	51.87	34.19	6.64	8.04	5.3	2.206	86.8	3.5	0.8
1169	7/7/2015 13:15:52	18.67	52.04	34.31	6.51	8.04	5.8	2.298	85.5	3.9	0.9
1170	7/7/2015 13:30:52	18.70	52.07	34.33	6.38	8.03	6.9	2.395	83.8	3.4	0.8
1171	7/7/2015 13:45:52	18.56	51.99	34.28	6.47	8.03	6.9	2.487	84.8	4.2	1.0
1172	7/7/2015 14:00:52	18.43	51.94	34.23	6.60	8.04	7.2	2.585	86.3	4.0	1.0
1173	7/7/2015 14:15:52	18.25	51.88	34.19	6.78	8.05	7.6	2.679	88.3	4.0	1.0
1174	7/7/2015 14:30:52	18.10	51.82	34.15	6.85	8.05	8.6	2.774	88.9	3.2	0.8
1175	7/7/2015 14:45:53	17.90	51.71	34.06	7.01	8.06	10.6	2.879	90.7	4.6	1.1
1176	7/7/2015 15:00:52	17.50	51.57	33.96	7.26	8.08	10.1	2.972	93.0	4.6	1.1
1177	7/7/2015 15:15:52	17.22	51.48	33.89	7.49	8.09	10.6	3.071	95.5	4.7	1.1
1178	7/7/2015 15:30:52	16.68	51.30	33.75	7.89	8.12	14.7	3.177	99.5	4.4	1.0
1179	7/7/2015 15:45:52	16.36	51.21	33.68	8.12	8.14	11.1	3.271	101.7	4.0	0.9
1180	7/7/2015 16:00:53	16.23	51.17	33.64	8.26	8.15	11.1	3.366	103.1	4.6	1.1
1181	7/7/2015 16:15:52	16.07	51.10	33.59	8.42	8.16	8.7	3.461	104.8	4.6	1.1
1182	7/7/2015 16:30:52	15.97	51.07	33.57	8.50	8.17	7.0	3.547	105.6	3.8	0.9
1183	7/7/2015 16:45:52	15.92	51.05	33.55	8.54	8.17	6.2	3.615	105.9	4.3	1.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
1184	7/7/2015 17:00:52	15.83	51.02	33.53	8.61	8.18	4.3	3.678	106.6	3.7	0.9
1185	7/7/2015 17:15:52	15.74	50.98	33.50	8.69	8.18	3.7	3.722	107.4	4.0	1.0
1186	7/7/2015 17:30:53	17.67	49.84	32.69	8.01	8.16	3.4	3.755	102.3	3.8	0.9
1187	7/7/2015 17:45:52	16.62	51.74	34.07	7.99	8.15	3.8	3.761	100.8	3.5	0.8
1188	7/7/2015 18:00:52	15.94	51.06	33.56	8.31	8.16	3.0	3.746	103.1	2.7	0.6
1189	7/7/2015 18:15:53	15.84	51.02	33.52	8.46	8.17	5.3	3.717	104.8	3.8	0.9
1190	7/7/2015 18:30:52	16.20	51.01	33.53	8.46	8.17	6.2	3.648	105.5	3.7	0.9
1191	7/7/2015 18:45:53	16.27	51.11	33.60	8.48	8.17	6.7	3.565	106.0	3.6	0.9
1192	7/7/2015 19:00:53	16.08	51.07	33.57	8.55	8.18	5.7	3.487	106.4	4.4	1.0
1193	7/7/2015 19:15:52	16.31	51.10	33.60	8.56	8.18	6.6	3.386	107.1	4.1	1.0
1194	7/7/2015 19:30:52	17.42	51.37	33.81	8.40	8.18	9.0	3.287	107.4	4.5	1.1
1195	7/7/2015 19:45:52	17.13	51.33	33.77	8.40	8.17	9.7	3.185	106.8	4.7	1.1
1196	7/7/2015 20:00:53	17.00	51.28	33.74	8.35	8.16	7.6	3.090	105.8	4.9	1.2
1197	7/7/2015 20:15:52	17.16	51.32	33.77	8.22	8.16	8.7	2.988	104.6	4.5	1.1
1198	7/7/2015 20:30:52	17.59	51.45	33.87	8.13	8.15	8.1	2.899	104.3	4.1	1.0
1199	7/7/2015 20:45:52	18.06	51.60	33.98	7.87	8.14	7.4	2.802	102.0	4.7	1.1
1200	7/7/2015 21:00:52	18.41	51.73	34.08	7.77	8.13	7.5	2.707	101.4	5.1	1.2
1201	7/7/2015 21:15:51	18.61	51.77	34.11	7.63	8.12	7.6	2.642	100.0	5.1	1.2
1202	7/7/2015 21:30:52	18.63	51.79	34.13	7.60	8.11	8.3	2.541	99.7	5.4	1.3
1203	7/7/2015 21:45:52	18.60	51.78	34.12	7.53	8.11	8.8	2.454	98.7	4.7	1.1
1204	7/7/2015 22:00:52	18.41	51.73	34.08	7.46	8.09	8.9	2.375	97.4	5.0	1.2
1205	7/7/2015 22:15:52	18.13	51.66	34.03	7.38	8.09	7.6	2.298	95.8	4.6	1.1
1206	7/7/2015 22:30:52	18.00	51.62	34.00	7.47	8.09	7.6	2.229	96.7	3.8	0.9
1207	7/7/2015 22:45:52	18.12	51.64	34.01	7.41	8.10	7.3	2.156	96.1	5.0	1.2
1208	7/7/2015 23:00:52	18.12	51.69	34.05	7.32	8.09	7.2	2.104	95.1	3.9	0.9
1209	7/7/2015 23:15:52	18.16	51.68	34.04	7.27	8.09	7.1	2.066	94.4	4.2	1.0
1210	7/7/2015 23:30:52	18.52	51.82	34.15	7.17	8.09	6.9	2.053	93.9	3.7	0.9
1211	7/7/2015 23:45:52	18.79	51.93	34.23	7.26	8.10	6.5	2.028	95.5	4.9	1.2
1212	7/8/2015 00:00:52	19.34	51.98	34.27	7.06	8.10	5.6	2.039	93.9	5.4	1.3
1213	7/8/2015 00:15:52	19.42	52.06	34.32	7.46	8.11	6.1	2.089	99.4	5.4	1.3
1214	7/8/2015 00:30:51	19.40	52.06	34.33	7.43	8.11	6.8	2.119	98.9	4.9	1.2
1215	7/8/2015 00:45:51	19.70	52.15	34.39	7.49	8.11	7.1	2.184	100.3	4.9	1.2
1216	7/8/2015 01:00:51	19.49	52.11	34.36	7.48	8.10	6.6	2.241	99.8	4.3	1.0
1217	7/8/2015 01:15:51	19.84	52.15	34.39	7.16	8.08	8.5	2.331	96.2	7.6	1.8
1218	7/8/2015 01:30:52	19.42	52.01	34.29	7.20	8.07	7.3	2.401	95.9	4.9	1.2
1219	7/8/2015 01:45:51	19.14	51.94	34.24	7.21	8.07	6.2	2.474	95.5	3.4	0.8
1220	7/8/2015 02:00:52	19.16	51.94	34.24	7.25	8.08	6.1	2.551	96.0	5.1	1.2

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
1221	7/8/2015 02:15:52	18.71	51.81	34.14	7.35	8.08	6.3	2.619	96.5	4.4	1.0
1222	7/8/2015 02:30:52	18.44	51.73	34.08	7.33	8.08	6.7	2.689	95.8	4.7	1.1
1223	7/8/2015 02:45:52	18.25	51.70	34.06	7.36	8.08	6.2	2.755	95.8	4.0	0.9
1224	7/8/2015 03:00:52	18.02	51.63	34.01	7.42	8.09	5.6	2.828	96.1	4.4	1.0
1225	7/8/2015 03:15:52	17.85	51.57	33.96	7.45	8.09	5.7	2.892	96.2	3.9	0.9
1226	7/8/2015 03:30:52	17.64	51.50	33.90	7.49	8.09	6.0	2.955	96.3	3.7	0.9
1227	7/8/2015 03:45:52	17.47	51.45	33.87	7.60	8.10	5.7	3.027	97.4	4.2	1.0
1228	7/8/2015 04:00:52	17.31	51.39	33.82	7.68	8.11	5.9	3.089	98.1	4.4	1.1
1229	7/8/2015 04:15:52	17.21	51.36	33.80	7.71	8.11	5.3	3.154	98.3	5.0	1.2
1230	7/8/2015 04:30:52	16.96	51.28	33.73	7.85	8.12	5.6	3.212	99.4	3.4	0.8
1231	7/8/2015 04:45:52	16.85	51.22	33.69	7.82	8.12	4.5	3.256	98.8	4.6	1.1
1232	7/8/2015 05:00:52	16.48	51.17	33.65	8.00	8.13	4.2	3.303	100.5	4.3	1.0
1233	7/8/2015 05:15:52	16.42	51.07	33.58	7.92	8.13	3.2	3.336	99.3	2.7	0.6
1234	7/8/2015 05:30:52	17.30	51.78	34.11	6.89	8.06	6.4	3.349	88.1	4.4	1.1
1235	7/8/2015 05:45:52	17.66	51.73	34.08	6.44	8.02	7.2	3.350	82.8	4.2	1.0
1236	7/8/2015 06:00:52	17.63	51.77	34.10	6.41	8.01	7.5	3.336	82.5	4.0	0.9
1237	7/8/2015 06:15:52	17.55	51.63	34.00	6.71	8.03	8.0	3.296	86.2	4.3	1.0
1238	7/8/2015 06:30:52	17.51	51.54	33.93	7.05	8.07	6.9	3.239	90.5	3.5	0.8
1239	7/8/2015 06:45:52	17.41	51.52	33.91	7.21	8.08	7.7	3.159	92.2	2.5	0.6
1240	7/8/2015 07:00:52	17.17	51.41	33.83	7.38	8.09	5.7	3.097	93.9	3.6	0.9
1241	7/8/2015 07:15:52	17.43	51.53	33.93	7.23	8.08	7.2	3.021	92.5	3.4	0.8
1242	7/8/2015 07:30:52	17.69	51.64	34.01	7.02	8.07	6.9	2.912	90.4	3.5	0.8
1243	7/8/2015 07:45:52	17.79	51.69	34.05	6.97	8.06	6.8	2.819	90.0	3.3	0.8
1244	7/8/2015 08:00:52	17.89	51.74	34.09	6.80	8.05	6.6	2.739	87.9	3.8	0.9
1245	7/8/2015 08:15:52	17.97	51.77	34.10	6.63	8.04	6.5	2.648	85.8	3.2	0.8
1246	7/8/2015 08:30:52	18.08	51.82	34.15	6.44	8.02	6.4	2.554	83.5	2.8	0.7
1247	7/8/2015 08:45:52	17.97	51.81	34.14	6.28	8.00	6.8	2.453	81.4	3.4	0.8
1248	7/8/2015 09:00:52	18.03	51.80	34.13	6.18	8.00	6.5	2.366	80.1	3.4	0.8
1249	7/8/2015 09:15:52	18.04	51.84	34.16	6.16	7.99	6.1	2.272	79.9	3.5	0.8
1250	7/8/2015 09:30:52	18.17	51.85	34.17	6.39	8.01	5.7	2.179	83.1	2.9	0.7
1251	7/8/2015 09:45:52	18.08	51.83	34.16	6.45	8.01	5.6	2.085	83.7	3.8	0.9
1252	7/8/2015 10:00:52	18.03	51.80	34.13	6.51	8.02	6.2	1.989	84.4	4.4	1.0
1253	7/8/2015 10:15:52	18.16	51.83	34.15	6.60	8.03	6.1	1.915	85.7	2.9	0.7
1254	7/8/2015 10:30:52	18.14	51.83	34.15	6.64	8.03	5.6	1.842	86.2	3.5	0.8
1255	7/8/2015 10:45:52	18.27	51.84	34.16	6.67	8.04	5.3	1.796	86.9	2.8	0.7
1256	7/8/2015 11:00:52	18.17	51.85	34.17	6.65	8.03	5.2	1.739	86.4	3.4	0.8
1257	7/8/2015 11:15:52	18.26	51.85	34.17	6.52	8.03	4.0	1.735	84.9	3.9	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1258	7/8/2015 11:30:52	18.08	51.79	34.13	6.85	8.04	5.6	1.737	89.0	3.9	0.9
1259	7/8/2015 11:45:52	18.34	51.87	34.19	6.75	8.04	5.0	1.731	88.1	3.7	0.9
1260	7/8/2015 12:00:52	18.22	51.85	34.17	6.77	8.04	4.9	1.765	88.1	4.7	1.1
1261	7/8/2015 12:15:52	18.67	51.98	34.26	6.61	8.04	6.0	1.841	86.8	4.8	1.1
1262	7/8/2015 12:30:52	18.79	52.02	34.30	6.64	8.04	5.4	1.895	87.4	3.7	0.9
1263	7/8/2015 12:45:52	18.72	51.98	34.27	6.63	8.04	5.9	1.955	87.2	3.8	0.9
1264	7/8/2015 13:00:52	18.75	51.99	34.28	6.62	8.04	5.9	2.053	87.1	4.2	1.0
1265	7/8/2015 13:15:52	18.63	51.95	34.24	6.61	8.04	5.7	2.138	86.7	4.8	1.1
1266	7/8/2015 13:30:52	18.44	51.88	34.19	6.64	8.03	5.7	2.206	86.8	7.1	1.7
1267	7/8/2015 13:45:52	18.28	51.83	34.15	6.69	8.03	6.2	2.298	87.1	7.8	1.9
1268	7/8/2015 14:00:52	18.40	51.87	34.19	6.72	8.04	5.6	2.379	87.8	5.4	1.3
1269	7/8/2015 14:15:52	18.54	51.92	34.22	6.69	8.04	6.1	2.468	87.7	9.3	2.2
1270	7/8/2015 14:30:52	18.49	51.89	34.20	6.74	8.04	6.4	2.552	88.2	5.0	1.2
1271	7/8/2015 14:45:52	18.36	51.85	34.17	6.77	8.04	6.4	2.630	88.3	5.6	1.3
1272	7/8/2015 15:00:52	18.15	51.76	34.10	6.88	8.05	6.8	2.724	89.4	4.7	1.1
1273	7/8/2015 15:15:52	17.99	51.67	34.03	6.90	8.05	7.6	2.811	89.4	3.1	0.7
Mean		17.72	51.92	34.20	7.99	8.17	6.02	2.66	102.73	5.03	1.20
Minimum		13.26	49.84	32.69	6.00	7.99	0.90	0.97	77.70	2.10	0.50
Maximum		20.84	52.68	34.78	11.65	8.44	14.70	3.96	140.80	20.30	4.80

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

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	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
0	7/8/2015 16:16:10	16.78	50.60	33.23	7.88	8.00	11.4	3.297	99.2	4.1	1.0
1	7/8/2015 16:31:10	16.25	50.38	33.07	8.15	8.02	12.0	3.396	101.4	3.5	0.8
2	7/8/2015 16:46:10	15.96	50.20	32.93	8.27	8.03	9.7	3.496	102.3	3.8	0.9
3	7/8/2015 17:01:10	15.79	50.37	33.05	8.35	8.04	8.7	3.573	103.0	3.9	0.9
4	7/8/2015 17:16:10	15.64	50.29	32.99	8.42	8.05	7.4	3.661	103.5	3.9	0.9
5	7/8/2015 17:31:10	15.47	50.17	32.89	8.46	8.06	5.6	3.725	103.6	4.2	1.0
6	7/8/2015 17:46:10	15.45	50.20	32.92	8.46	8.07	4.2	3.788	103.5	4.0	0.9
7	7/8/2015 18:01:10	15.37	50.17	32.89	8.43	8.07	3.1	3.837	103.0	3.7	0.9
8	7/8/2015 18:16:10	15.68	50.02	32.79	8.30	8.06	2.9	3.869	102.0	6.7	1.6
9	7/8/2015 18:31:10	16.66	50.65	33.27	7.94	8.02	3.1	3.885	99.8	3.2	0.7
10	7/8/2015 18:46:10	16.01	50.38	33.06	8.01	8.04	3.7	3.874	99.2	2.4	0.6
11	7/8/2015 19:01:11	15.80	50.33	33.02	8.25	8.05	4.2	3.834	101.8	3.8	0.9
12	7/8/2015 19:16:10	15.82	50.22	32.94	8.29	8.06	3.5	3.788	102.3	3.3	0.8
13	7/8/2015 19:31:11	15.84	50.29	32.99	8.35	8.06	5.2	3.718	103.0	3.4	0.8
14	7/8/2015 19:46:11	15.60	50.22	32.93	8.41	8.07	5.6	3.629	103.2	3.9	0.9
15	7/8/2015 20:01:10	15.55	50.22	32.93	8.40	8.07	4.6	3.538	103.0	3.2	0.8
16	7/8/2015 20:16:10	16.29	50.41	33.08	8.16	8.05	7.3	3.444	101.7	3.4	0.8
17	7/8/2015 20:31:10	16.72	50.53	33.19	8.07	8.04	7.6	3.340	101.5	4.2	1.0
18	7/8/2015 20:46:10	16.62	50.53	33.18	8.05	8.04	7.8	3.247	101.1	4.8	1.1
19	7/8/2015 21:01:10	16.71	50.52	33.17	7.96	8.03	8.5	3.144	100.1	4.4	1.0
20	7/8/2015 21:16:10	17.14	50.68	33.30	7.77	8.02	8.2	3.044	98.6	5.2	1.2
21	7/8/2015 21:31:11	17.45	50.73	33.34	7.63	8.01	9.2	2.948	97.4	5.0	1.2
22	7/8/2015 21:46:10	17.80	50.91	33.47	7.46	8.00	8.2	2.860	95.9	4.8	1.1
23	7/8/2015 22:01:10	18.02	50.91	33.48	7.43	8.00	7.8	2.751	95.9	4.7	1.1
24	7/8/2015 22:16:10	18.04	50.95	33.50	7.35	7.99	7.7	2.661	94.9	4.2	1.0
25	7/8/2015 22:31:10	17.99	50.84	33.42	7.34	7.99	9.0	2.570	94.7	4.1	1.0
26	7/8/2015 22:46:10	17.73	50.84	33.42	7.28	7.98	7.3	2.477	93.5	4.0	0.9
27	7/8/2015 23:01:10	17.38	50.71	33.32	7.26	7.97	7.4	2.381	92.6	4.1	1.0
28	7/8/2015 23:16:10	17.02	50.67	33.29	7.33	7.98	7.4	2.291	92.7	3.4	0.8
29	7/8/2015 23:31:10	17.33	50.76	33.36	7.25	7.98	6.5	2.206	92.3	3.8	0.9
30	7/8/2015 23:46:10	17.45	50.80	33.39	7.17	7.97	7.3	2.143	91.5	3.6	0.8
31	7/9/2015 00:01:10	17.40	50.87	33.44	7.12	7.97	6.4	2.067	90.9	4.0	0.9
32	7/9/2015 00:16:11	17.48	50.87	33.44	7.02	7.96	6.6	2.018	89.7	3.9	0.9
33	7/9/2015 00:31:11	17.46	50.85	33.43	6.91	7.95	5.9	1.999	88.2	3.8	0.9
34	7/9/2015 00:46:11	17.68	50.96	33.51	6.93	7.95	5.2	1.964	88.9	4.9	1.2
35	7/9/2015 01:01:11	17.43	50.88	33.45	6.88	7.94	6.1	1.978	87.8	3.6	0.8
36	7/9/2015 01:16:11	17.94	50.92	33.48	6.94	7.96	5.1	2.008	89.5	3.6	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	Fluorescence %FS
37	7/9/2015 01:31:11	18.10	51.07	33.59	6.96	7.96	5.2	2.033	90.0	4.1	1.0
38	7/9/2015 01:46:10	18.67	51.23	33.72	6.96	7.97	5.0	2.104	91.2	4.7	1.1
39	7/9/2015 02:01:10	18.63	51.31	33.77	6.97	7.97	5.4	2.169	91.2	4.6	1.1
40	7/9/2015 02:16:10	18.67	51.41	33.85	6.95	7.96	5.7	2.235	91.0	4.5	1.1
41	7/9/2015 02:31:11	18.69	51.28	33.75	6.75	7.95	6.7	2.314	88.4	4.4	1.0
42	7/9/2015 02:46:10	18.26	51.12	33.63	6.79	7.94	6.0	2.382	88.2	4.2	1.0
43	7/9/2015 03:01:11	18.08	51.12	33.63	6.92	7.95	5.4	2.457	89.5	3.9	0.9
44	7/9/2015 03:16:11	18.25	51.13	33.64	6.83	7.95	5.7	2.527	88.7	4.2	1.0
45	7/9/2015 03:31:11	18.28	51.09	33.61	6.86	7.95	5.6	2.592	89.0	4.2	1.0
46	7/9/2015 03:46:11	18.26	51.04	33.57	6.88	7.95	5.5	2.652	89.3	4.4	1.0
47	7/9/2015 04:01:10	18.06	50.99	33.54	6.93	7.95	5.0	2.721	89.6	3.9	0.9
48	7/9/2015 04:16:10	17.88	50.98	33.53	6.97	7.96	4.8	2.785	89.8	3.9	0.9
49	7/9/2015 04:31:11	17.72	50.98	33.53	7.06	7.96	5.1	2.845	90.7	3.6	0.8
50	7/9/2015 04:46:11	17.66	50.97	33.51	7.08	7.96	5.1	2.906	90.8	4.2	1.0
51	7/9/2015 05:01:11	17.53	50.93	33.48	7.12	7.97	4.7	2.969	91.0	4.0	0.9
52	7/9/2015 05:16:11	17.38	50.85	33.42	7.16	7.97	5.2	3.032	91.3	4.2	1.0
53	7/9/2015 05:31:10	17.28	50.81	33.39	7.20	7.98	4.5	3.093	91.6	3.5	0.8
54	7/9/2015 05:46:10	17.28	50.75	33.35	7.14	7.97	4.2	3.135	90.8	4.1	1.0
55	7/9/2015 06:01:11	17.10	50.81	33.39	7.23	7.98	4.5	3.193	91.7	3.8	0.9
56	7/9/2015 06:16:10	16.91	50.72	33.32	7.31	7.98	3.6	3.233	92.3	3.4	0.8
57	7/9/2015 06:31:11	17.67	50.97	33.52	6.47	7.91	6.8	3.250	83.0	3.5	0.8
58	7/9/2015 06:46:11	17.80	51.11	33.62	6.17	7.89	5.7	3.272	79.5	3.1	0.7
59	7/9/2015 07:01:10	17.73	51.16	33.65	6.17	7.88	7.1	3.270	79.3	3.3	0.8
60	7/9/2015 07:16:11	17.54	51.21	33.69	5.92	7.85	7.1	3.253	75.9	3.3	0.8
61	7/9/2015 07:31:11	17.17	50.98	33.52	6.53	7.90	6.3	3.215	83.0	2.9	0.7
62	7/9/2015 07:46:11	17.43	51.01	33.55	6.42	7.90	7.9	3.166	82.0	2.9	0.7
63	7/9/2015 08:01:10	17.57	50.81	33.39	6.73	7.94	6.8	3.102	86.1	3.2	0.8
64	7/9/2015 08:16:11	17.48	50.99	33.53	6.89	7.95	6.2	3.039	88.1	3.3	0.8
65	7/9/2015 08:31:11	17.56	50.93	33.49	6.82	7.94	6.2	2.971	87.3	3.0	0.7
66	7/9/2015 08:46:11	17.72	51.07	33.59	6.68	7.94	6.8	2.879	85.8	3.4	0.8
67	7/9/2015 09:01:10	17.80	51.02	33.56	6.54	7.92	5.6	2.802	84.1	3.5	0.8
68	7/9/2015 09:16:10	17.87	51.03	33.56	6.40	7.91	6.3	2.742	82.4	3.0	0.7
69	7/9/2015 09:31:11	17.87	51.06	33.58	6.43	7.91	6.1	2.658	82.9	3.3	0.8
70	7/9/2015 09:46:10	17.89	51.05	33.58	6.37	7.90	6.2	2.575	82.1	2.6	0.6
71	7/9/2015 10:01:11	17.89	51.11	33.62	6.25	7.89	5.4	2.492	80.6	3.3	0.8
72	7/9/2015 10:16:11	17.88	51.15	33.65	6.14	7.88	5.7	2.433	79.1	2.9	0.7
73	7/9/2015 10:31:11	17.91	51.13	33.64	6.24	7.88	5.1	2.358	80.5	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	Fluorescence %FS
74	7/9/2015 10:46:10	17.97	51.14	33.64	6.27	7.89	5.9	2.272	80.9	3.0	0.7
75	7/9/2015 11:01:11	18.04	51.12	33.63	6.37	7.90	5.2	2.203	82.4	2.7	0.6
76	7/9/2015 11:16:10	18.14	51.14	33.64	6.38	7.90	4.9	2.151	82.7	2.9	0.7
77	7/9/2015 11:31:10	18.18	51.19	33.68	6.40	7.90	4.8	2.103	83.0	2.8	0.7
78	7/9/2015 11:46:10	18.32	51.17	33.67	6.38	7.91	4.1	2.053	82.9	2.8	0.7
79	7/9/2015 12:01:11	18.33	51.23	33.71	6.35	7.90	4.2	2.022	82.6	2.7	0.6
80	7/9/2015 12:16:10	18.34	51.20	33.69	6.41	7.91	4.1	2.024	83.4	3.3	0.8
81	7/9/2015 12:31:10	18.23	51.13	33.64	6.54	7.92	4.6	2.025	84.9	2.8	0.7
82	7/9/2015 12:46:10	18.20	51.18	33.68	6.55	7.92	4.8	2.033	84.9	3.6	0.8
83	7/9/2015 13:01:10	18.18	51.18	33.67	6.56	7.92	5.0	2.070	85.1	3.7	0.9
84	7/9/2015 13:16:10	18.19	51.15	33.65	6.54	7.92	5.1	2.126	84.8	3.6	0.8
85	7/9/2015 13:31:11	18.25	51.23	33.71	6.52	7.91	5.4	2.192	84.6	4.2	1.0
86	7/9/2015 13:46:11	18.32	51.20	33.69	6.49	7.92	5.1	2.245	84.3	3.4	0.8
87	7/9/2015 14:01:11	18.25	51.14	33.65	6.51	7.92	5.6	2.323	84.5	3.9	0.9
88	7/9/2015 14:16:11	18.38	51.26	33.74	6.45	7.92	6.5	2.403	83.9	3.6	0.8
89	7/9/2015 14:31:11	18.28	51.21	33.70	6.51	7.92	6.7	2.484	84.6	3.7	0.9
90	7/9/2015 14:46:10	18.22	51.20	33.69	6.55	7.92	6.3	2.555	85.0	4.1	1.0
91	7/9/2015 15:01:11	18.19	51.22	33.70	6.60	7.93	6.1	2.629	85.7	4.5	1.1
92	7/9/2015 15:16:11	18.15	51.17	33.66	6.69	7.93	6.0	2.713	86.8	3.9	0.9
93	7/9/2015 15:31:10	18.08	51.06	33.59	6.74	7.94	6.0	2.797	87.2	4.0	0.9
94	7/9/2015 15:46:11	17.87	50.99	33.53	6.86	7.94	6.0	2.871	88.3	4.0	0.9
95	7/9/2015 16:01:11	17.71	51.00	33.54	6.94	7.95	7.1	2.958	89.1	4.3	1.0
96	7/9/2015 16:16:11	17.53	50.98	33.52	6.98	7.96	7.0	3.046	89.3	3.6	0.8
97	7/9/2015 16:31:11	17.34	50.89	33.45	7.06	7.96	8.4	3.139	90.0	3.9	0.9
98	7/9/2015 16:46:10	17.05	50.72	33.33	7.24	7.98	8.6	3.235	91.7	4.1	1.0
99	7/9/2015 17:01:11	16.76	50.79	33.37	7.34	7.99	8.2	3.328	92.5	3.9	0.9
100	7/9/2015 17:16:11	16.44	50.55	33.19	7.55	8.00	8.5	3.426	94.4	3.9	0.9
101	7/9/2015 17:31:11	16.01	50.55	33.19	7.77	8.02	8.6	3.516	96.4	4.2	1.0
102	7/9/2015 17:46:11	15.75	50.48	33.13	7.93	8.03	8.5	3.605	97.8	4.5	1.1
103	7/9/2015 18:01:11	15.47	50.41	33.07	8.14	8.05	6.1	3.682	99.8	4.2	1.0
104	7/9/2015 18:16:11	15.37	50.39	33.06	8.22	8.06	5.6	3.757	100.5	4.5	1.0
105	7/9/2015 18:31:11	15.19	50.36	33.03	8.26	8.06	4.0	3.826	100.7	4.1	1.0
106	7/9/2015 18:46:10	15.13	50.24	32.94	8.26	8.07	3.0	3.881	100.5	4.4	1.0
107	7/9/2015 19:01:11	15.11	50.40	33.06	8.13	8.06	2.9	3.909	99.0	3.7	0.9
108	7/9/2015 19:16:11	16.45	50.71	33.31	7.50	8.02	4.2	3.936	93.9	4.2	1.0
109	7/9/2015 19:31:11	15.73	50.42	33.09	7.77	8.03	3.2	3.933	95.7	2.9	0.7
110	7/9/2015 19:46:11	15.52	50.43	33.09	7.88	8.04	4.0	3.915	96.7	2.8	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
111	7/9/2015 20:01:11	15.40	50.46	33.11	7.95	8.05	3.2	3.878	97.3	3.4	0.8
112	7/9/2015 20:16:11	15.55	50.45	33.10	7.84	8.04	4.9	3.800	96.3	3.7	0.9
113	7/9/2015 20:31:11	15.39	50.41	33.07	7.89	8.04	5.4	3.727	96.6	4.0	0.9
114	7/9/2015 20:46:11	15.34	50.42	33.08	7.90	8.04	5.1	3.651	96.6	4.1	1.0
115	7/9/2015 21:01:11	15.63	50.45	33.10	7.71	8.03	5.6	3.557	94.8	4.5	1.1
116	7/9/2015 21:16:10	16.71	50.69	33.30	7.45	8.02	7.3	3.446	93.8	4.3	1.0
117	7/9/2015 21:31:11	16.59	50.62	33.24	7.57	8.02	7.9	3.361	95.0	5.2	1.2
118	7/9/2015 21:46:11	16.53	50.63	33.25	7.52	8.02	6.8	3.261	94.2	4.5	1.1
119	7/9/2015 22:01:10	16.85	50.67	33.29	7.32	8.00	6.7	3.162	92.3	4.8	1.1
120	7/9/2015 22:16:11	17.25	50.90	33.46	7.10	7.98	7.0	3.051	90.3	4.7	1.1
121	7/9/2015 22:31:11	17.36	50.95	33.50	7.05	7.98	9.2	2.955	89.9	4.5	1.1
122	7/9/2015 22:46:10	17.62	50.93	33.49	6.95	7.97	7.5	2.859	89.0	4.8	1.1
123	7/9/2015 23:01:10	17.80	51.04	33.57	6.86	7.97	6.8	2.756	88.2	4.5	1.1
124	7/9/2015 23:16:11	17.89	51.14	33.65	6.84	7.96	6.6	2.652	88.2	4.5	1.1
125	7/9/2015 23:31:10	17.76	50.84	33.42	6.79	7.96	7.3	2.539	87.3	4.1	1.0
126	7/9/2015 23:46:10	17.43	50.98	33.52	6.75	7.95	7.3	2.442	86.2	4.2	1.0
127	7/10/2015 00:01:11	17.17	50.94	33.49	6.75	7.95	6.6	2.340	85.8	4.3	1.0
128	7/10/2015 00:16:10	17.03	50.86	33.43	6.78	7.96	6.9	2.238	85.9	3.9	0.9
129	7/10/2015 00:31:11	17.17	50.87	33.44	6.72	7.95	6.3	2.137	85.3	4.0	0.9
130	7/10/2015 00:46:11	17.25	50.89	33.45	6.66	7.95	6.7	2.046	84.7	3.9	0.9
131	7/10/2015 01:01:11	17.46	50.97	33.52	6.53	7.94	6.0	1.972	83.5	4.2	1.0
132	7/10/2015 01:16:11	17.44	50.99	33.53	6.43	7.93	6.5	1.902	82.1	4.4	1.0
133	7/10/2015 01:31:10	17.52	51.00	33.54	6.29	7.92	6.0	1.855	80.5	4.3	1.0
134	7/10/2015 01:46:10	17.73	51.09	33.60	6.23	7.91	5.5	1.823	80.0	4.1	1.0
135	7/10/2015 02:01:11	17.92	51.06	33.58	6.19	7.91	4.7	1.816	79.8	5.0	1.2
136	7/10/2015 02:16:11	17.49	51.08	33.60	6.37	7.92	5.7	1.821	81.5	4.0	0.9
137	7/10/2015 02:31:11	17.59	51.05	33.57	6.40	7.92	5.3	1.861	82.0	3.9	0.9
138	7/10/2015 02:46:11	18.01	51.22	33.70	6.45	7.93	5.2	1.911	83.4	3.9	0.9
139	7/10/2015 03:01:11	18.20	51.19	33.68	6.49	7.94	5.0	1.976	84.2	4.5	1.1
140	7/10/2015 03:16:10	18.32	51.36	33.80	6.51	7.94	5.4	2.054	84.6	4.6	1.1
141	7/10/2015 03:31:11	18.33	51.24	33.72	6.48	7.94	6.3	2.130	84.3	5.0	1.2
142	7/10/2015 03:46:10	18.42	51.34	33.79	6.24	7.91	7.5	2.213	81.3	4.9	1.2
143	7/10/2015 04:01:10	18.05	51.21	33.70	6.31	7.92	6.1	2.279	81.6	4.4	1.0
144	7/10/2015 04:16:10	17.93	51.16	33.66	6.34	7.92	5.4	2.349	81.8	4.2	1.0
145	7/10/2015 04:31:11	18.04	51.21	33.69	6.31	7.92	5.9	2.427	81.6	4.8	1.1
146	7/10/2015 04:46:11	18.10	51.27	33.74	6.30	7.92	5.9	2.492	81.6	4.3	1.0
147	7/10/2015 05:01:11	18.10	51.19	33.68	6.33	7.92	5.5	2.565	82.0	4.5	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	Fluorescence %FS
148	7/10/2015 05:16:10	17.97	51.04	33.57	6.36	7.92	5.5	2.626	82.1	4.3	1.0
149	7/10/2015 05:31:10	17.84	51.11	33.62	6.40	7.93	4.9	2.699	82.4	4.9	1.1
150	7/10/2015 05:46:10	17.80	50.99	33.53	6.39	7.93	5.2	2.764	82.1	4.6	1.1
151	7/10/2015 06:01:11	17.72	51.13	33.64	6.40	7.93	4.9	2.823	82.2	4.1	1.0
152	7/10/2015 06:16:11	17.62	51.13	33.63	6.44	7.93	5.6	2.878	82.6	4.1	1.0
153	7/10/2015 06:31:11	17.50	50.98	33.52	6.47	7.93	5.2	2.945	82.8	3.8	0.9
154	7/10/2015 06:46:10	17.32	50.95	33.50	6.54	7.94	5.1	3.009	83.4	3.6	0.8
155	7/10/2015 07:01:10	17.14	50.93	33.48	6.60	7.95	4.9	3.053	83.8	3.9	0.9
156	7/10/2015 07:16:11	17.07	50.85	33.42	6.60	7.95	5.1	3.110	83.6	3.8	0.9
157	7/10/2015 07:31:10	16.97	50.83	33.41	6.59	7.95	4.0	3.145	83.3	3.1	0.7
158	7/10/2015 07:46:10	16.98	50.85	33.42	6.53	7.95	4.0	3.186	82.6	3.5	0.8
159	7/10/2015 08:01:10	16.54	50.64	33.26	6.74	7.96	2.9	3.217	84.5	2.8	0.6
160	7/10/2015 08:16:11	17.73	51.25	33.72	5.81	7.88	5.4	3.212	74.7	3.3	0.8
161	7/10/2015 08:31:10	16.91	50.85	33.42	6.40	7.93	3.7	3.226	80.9	2.7	0.6
162	7/10/2015 08:46:10	17.66	50.96	33.50	6.00	7.90	6.0	3.205	76.9	3.0	0.7
163	7/10/2015 09:01:10	17.19	50.90	33.46	6.40	7.93	5.2	3.153	81.3	3.2	0.8
164	7/10/2015 09:16:11	17.67	51.22	33.70	5.85	7.88	7.3	3.120	75.1	3.4	0.8
165	7/10/2015 09:31:11	17.72	51.20	33.69	6.02	7.89	7.5	3.050	77.3	3.6	0.8
166	7/10/2015 09:46:10	17.67	51.05	33.57	6.29	7.92	6.0	2.989	80.7	3.7	0.9
167	7/10/2015 10:01:11	17.72	51.08	33.60	6.23	7.92	6.7	2.912	80.0	3.3	0.8
168	7/10/2015 10:16:11	17.79	51.17	33.66	6.14	7.91	6.1	2.844	79.1	3.2	0.8
169	7/10/2015 10:31:11	17.88	51.11	33.62	6.09	7.91	6.4	2.776	78.5	3.5	0.8
170	7/10/2015 10:46:11	17.91	51.18	33.67	5.98	7.89	6.4	2.706	77.1	3.6	0.8
171	7/10/2015 11:01:11	17.94	51.19	33.68	5.97	7.89	6.7	2.636	77.1	3.3	0.8
172	7/10/2015 11:16:11	17.96	51.19	33.68	5.94	7.89	6.8	2.570	76.7	3.2	0.7
173	7/10/2015 11:31:10	17.96	51.19	33.68	5.78	7.88	5.1	2.520	74.6	3.2	0.7
174	7/10/2015 11:46:11	17.94	51.18	33.67	5.80	7.87	6.2	2.450	74.8	3.6	0.8
175	7/10/2015 12:01:11	17.96	51.18	33.67	5.84	7.88	5.2	2.382	75.4	3.3	0.8
176	7/10/2015 12:16:10	17.94	51.17	33.66	5.73	7.87	5.8	2.348	73.9	3.3	0.8
177	7/10/2015 12:31:10	17.98	51.19	33.68	5.73	7.87	5.0	2.293	74.0	2.5	0.6
178	7/10/2015 12:46:10	18.01	51.15	33.65	5.72	7.87	4.5	2.258	73.9	3.3	0.8
179	7/10/2015 13:01:11	18.03	51.22	33.71	5.56	7.86	4.2	2.225	71.9	3.0	0.7
180	7/10/2015 13:16:11	17.99	51.20	33.69	5.53	7.85	4.2	2.210	71.4	3.1	0.7
181	7/10/2015 13:31:11	17.99	51.20	33.69	5.96	7.89	4.8	2.209	77.0	3.4	0.8
182	7/10/2015 13:46:11	18.01	51.19	33.68	6.01	7.89	4.7	2.207	77.7	4.1	1.0
183	7/10/2015 14:01:11	18.03	51.19	33.68	6.05	7.90	4.9	2.249	78.2	4.2	1.0
184	7/10/2015 14:16:10	18.07	51.20	33.69	6.08	7.90	5.0	2.291	78.7	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	Fluorescence %FS
185	7/10/2015 14:31:11	18.12	51.22	33.70	6.13	7.91	5.4	2.333	79.4	5.0	1.2
186	7/10/2015 14:46:11	18.16	51.27	33.74	6.15	7.91	4.9	2.394	79.7	5.2	1.2
187	7/10/2015 15:01:11	18.03	51.15	33.65	6.16	7.91	6.0	2.474	79.6	4.5	1.1
188	7/10/2015 15:16:10	18.01	51.11	33.62	6.19	7.92	5.8	2.544	79.9	4.7	1.1
189	7/10/2015 15:31:10	17.94	51.14	33.64	6.25	7.92	5.2	2.606	80.6	5.0	1.2
190	7/10/2015 15:46:11	17.90	51.18	33.67	6.34	7.93	5.4	2.689	81.7	5.2	1.2
191	7/10/2015 16:01:10	17.90	51.06	33.58	6.33	7.93	5.4	2.755	81.7	5.5	1.3
192	7/10/2015 16:16:10	17.82	51.08	33.60	6.35	7.93	5.5	2.837	81.7	4.9	1.1
193	7/10/2015 16:31:11	17.63	51.10	33.61	6.36	7.94	5.5	2.910	81.6	5.2	1.2
194	7/10/2015 16:46:11	17.47	51.06	33.58	6.39	7.94	5.7	2.990	81.7	4.3	1.0
195	7/10/2015 17:01:11	17.24	50.94	33.49	6.44	7.95	6.0	3.080	81.9	4.6	1.1
196	7/10/2015 17:16:11	17.03	50.92	33.47	6.46	7.95	7.6	3.162	81.9	3.8	0.9
197	7/10/2015 17:31:10	16.76	50.83	33.40	6.54	7.97	7.3	3.257	82.4	4.2	1.0
198	7/10/2015 17:46:11	16.52	50.80	33.37	6.64	7.98	7.3	3.344	83.2	4.7	1.1
199	7/10/2015 18:01:10	16.19	50.70	33.30	6.79	7.99	7.7	3.440	84.6	4.1	1.0
200	7/10/2015 18:16:11	15.86	50.55	33.19	6.94	8.01	7.1	3.529	85.8	4.4	1.0
201	7/10/2015 18:31:11	15.59	50.55	33.18	7.04	8.02	6.8	3.621	86.6	4.7	1.1
202	7/10/2015 18:46:11	15.30	50.52	33.15	7.16	8.04	6.5	3.700	87.5	5.4	1.3
203	7/10/2015 19:01:11	15.07	50.46	33.10	7.29	8.06	4.8	3.775	88.7	5.0	1.2
204	7/10/2015 19:16:11	15.01	50.46	33.10	7.28	8.06	4.3	3.838	88.5	4.9	1.2
205	7/10/2015 19:31:10	14.93	50.43	33.07	7.26	8.06	2.9	3.897	88.1	5.5	1.3
206	7/10/2015 19:46:10	14.83	50.45	33.09	7.23	8.07	2.2	3.946	87.6	4.6	1.1
207	7/10/2015 20:01:11	14.84	50.44	33.08	7.09	8.06	2.1	3.964	85.9	5.1	1.2
208	7/10/2015 20:16:11	15.55	50.59	33.21	6.79	8.04	3.9	3.980	83.5	5.1	1.2
209	7/10/2015 20:31:11	15.01	50.43	33.08	6.87	8.04	2.9	3.986	83.5	3.5	0.8
210	7/10/2015 20:46:11	15.15	50.49	33.12	6.82	8.04	3.7	3.953	83.1	4.0	0.9
211	7/10/2015 21:01:11	15.41	50.51	33.15	6.59	8.03	6.1	3.895	80.7	4.9	1.2
212	7/10/2015 21:16:11	15.27	50.52	33.15	6.66	8.04	4.8	3.841	81.4	4.7	1.1
213	7/10/2015 21:31:11	15.10	50.43	33.08	6.69	8.04	5.2	3.764	81.5	4.6	1.1
214	7/10/2015 21:46:11	15.13	50.38	33.04	6.67	8.04	6.7	3.663	81.2	4.5	1.1
215	7/10/2015 22:01:11	15.79	50.57	33.20	6.26	8.00	6.2	3.574	77.4	4.6	1.1
216	7/10/2015 22:16:11	16.44	50.79	33.37	6.34	8.01	6.8	3.477	79.3	5.1	1.2
217	7/10/2015 22:31:10	16.19	50.62	33.24	6.33	8.01	6.7	3.360	78.7	5.2	1.2
218	7/10/2015 22:46:11	16.29	50.75	33.34	6.24	8.01	6.3	3.269	77.9	5.5	1.3
219	7/10/2015 23:01:11	16.65	50.85	33.41	6.07	7.99	6.7	3.156	76.3	4.9	1.1
220	7/10/2015 23:16:11	17.01	50.92	33.47	5.93	7.98	6.5	3.044	75.1	5.2	1.2
221	7/10/2015 23:31:11	17.23	50.95	33.50	5.82	7.97	7.0	2.933	74.0	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	Fluorescence %FS
222	7/10/2015 23:46:11	17.71	51.08	33.60	5.71	7.96	7.2	2.822	73.3	5.4	1.3
223	7/11/2015 00:01:11	17.72	51.11	33.62	5.67	7.95	7.4	2.718	72.8	5.1	1.2
224	7/11/2015 00:16:11	17.65	51.10	33.61	5.56	7.94	7.7	2.604	71.3	4.9	1.2
225	7/11/2015 00:31:11	17.48	51.09	33.61	5.53	7.94	7.2	2.475	70.7	5.1	1.2
226	7/11/2015 00:46:11	16.92	50.93	33.48	5.59	7.94	8.9	2.360	70.6	4.6	1.1
227	7/11/2015 01:01:11	17.25	50.96	33.51	5.52	7.94	7.9	2.261	70.2	4.9	1.1
228	7/11/2015 01:16:11	17.12	50.97	33.51	5.48	7.93	7.3	2.138	69.5	4.6	1.1
229	7/11/2015 01:31:11	17.31	51.02	33.55	5.44	7.93	7.2	2.023	69.3	4.9	1.1
230	7/11/2015 01:46:11	17.53	51.17	33.66	5.37	7.92	7.1	1.929	68.8	5.0	1.2
231	7/11/2015 02:01:11	17.59	51.19	33.68	5.30	7.92	7.3	1.848	67.9	4.8	1.1
232	7/11/2015 02:16:11	17.71	51.14	33.64	5.25	7.91	7.2	1.769	67.5	4.9	1.2
233	7/11/2015 02:31:11	17.68	51.19	33.68	5.17	7.90	6.3	1.713	66.4	4.9	1.2
234	7/11/2015 02:46:11	17.68	51.23	33.70	5.05	7.89	5.8	1.673	64.8	4.6	1.1
235	7/11/2015 03:01:10	17.77	51.10	33.61	4.99	7.89	4.4	1.680	64.1	5.0	1.2
236	7/11/2015 03:16:11	17.67	51.19	33.68	5.13	7.90	5.2	1.675	65.9	5.0	1.2
237	7/11/2015 03:31:10	17.79	51.20	33.69	5.18	7.91	4.7	1.704	66.6	4.7	1.1
238	7/11/2015 03:46:10	17.96	51.26	33.73	5.22	7.92	4.8	1.762	67.4	5.2	1.2
239	7/11/2015 04:01:11	18.06	51.35	33.80	5.25	7.92	5.0	1.830	68.0	5.0	1.2
240	7/11/2015 04:16:10	18.09	51.33	33.78	5.24	7.92	5.3	1.903	67.9	4.8	1.1
241	7/11/2015 04:31:10	18.23	51.35	33.80	5.18	7.92	5.7	1.975	67.3	5.3	1.3
242	7/11/2015 04:46:10	18.43	51.42	33.85	4.98	7.89	8.0	2.057	65.0	5.9	1.4
243	7/11/2015 05:01:11	18.21	51.32	33.78	5.01	7.89	7.2	2.133	65.0	5.6	1.3
244	7/11/2015 05:16:10	18.05	51.27	33.74	5.03	7.90	6.4	2.221	65.0	5.5	1.3
245	7/11/2015 05:31:11	18.03	51.29	33.75	5.02	7.90	6.5	2.303	65.0	5.5	1.3
246	7/11/2015 05:46:11	18.06	51.29	33.75	5.02	7.90	6.3	2.369	65.0	5.2	1.2
247	7/11/2015 06:01:11	18.03	51.33	33.78	5.04	7.91	6.0	2.465	65.3	4.9	1.2
248	7/11/2015 06:16:10	17.93	51.21	33.70	5.04	7.91	5.9	2.531	65.0	4.9	1.2
249	7/11/2015 06:31:10	17.82	51.21	33.70	5.03	7.91	5.5	2.610	64.8	5.0	1.2
250	7/11/2015 06:46:11	17.78	51.25	33.72	5.01	7.91	5.6	2.681	64.5	5.0	1.2
251	7/11/2015 07:01:10	17.71	51.09	33.61	5.03	7.91	5.4	2.743	64.6	4.6	1.1
252	7/11/2015 07:16:11	17.55	51.11	33.62	5.07	7.92	5.4	2.823	64.9	4.2	1.0
253	7/11/2015 07:31:10	17.47	51.06	33.58	5.05	7.92	5.9	2.883	64.5	4.8	1.1
254	7/11/2015 07:46:11	17.32	51.09	33.60	5.06	7.92	5.9	2.949	64.6	4.9	1.2
255	7/11/2015 08:01:11	17.14	50.98	33.52	5.08	7.92	5.4	3.011	64.5	4.1	1.0
256	7/11/2015 08:16:11	16.81	50.90	33.46	5.14	7.93	4.8	3.080	64.9	3.9	0.9
257	7/11/2015 08:31:11	16.77	50.91	33.46	5.12	7.93	5.4	3.131	64.5	3.8	0.9
258	7/11/2015 08:46:11	16.54	50.87	33.43	5.15	7.94	4.8	3.184	64.6	3.6	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	Fluorescence %FS
259	7/11/2015 09:01:12	16.59	50.90	33.46	5.03	7.93	4.6	3.230	63.2	3.5	0.8
260	7/11/2015 09:16:11	16.43	50.85	33.41	5.07	7.94	3.5	3.251	63.5	3.3	0.8
261	7/11/2015 09:31:11	17.78	51.26	33.73	4.69	7.88	6.1	3.279	60.4	3.7	0.9
262	7/11/2015 09:46:11	16.63	50.98	33.51	5.01	7.91	4.0	3.285	63.0	3.5	0.8
263	7/11/2015 10:01:11	17.21	50.86	33.43	4.77	7.90	4.6	3.266	60.6	3.5	0.8
264	7/11/2015 10:16:11	16.60	50.86	33.42	5.06	7.93	4.1	3.234	63.5	3.3	0.8
265	7/11/2015 10:31:11	17.30	51.10	33.61	4.88	7.91	6.0	3.190	62.2	3.5	0.8
266	7/11/2015 10:46:11	17.69	51.20	33.68	4.85	7.90	6.9	3.145	62.3	4.2	1.0
267	7/11/2015 11:01:11	17.48	51.02	33.55	4.95	7.92	6.1	3.075	63.2	3.9	0.9
268	7/11/2015 11:16:11	17.47	51.07	33.59	4.94	7.92	6.7	2.994	63.2	3.3	0.8
269	7/11/2015 11:31:11	17.65	51.10	33.61	4.89	7.92	6.1	2.934	62.8	3.6	0.9
270	7/11/2015 11:46:11	17.78	51.13	33.63	4.89	7.92	5.9	2.868	62.9	3.9	0.9
271	7/11/2015 12:01:10	17.85	51.14	33.65	4.90	7.91	6.3	2.798	63.2	4.4	1.0
272	7/11/2015 12:16:10	18.02	51.19	33.68	4.87	7.91	5.6	2.730	63.0	4.2	1.0
273	7/11/2015 12:31:10	18.03	51.25	33.73	4.85	7.91	5.0	2.669	62.8	4.1	1.0
274	7/11/2015 12:46:10	18.08	51.13	33.64	4.85	7.91	5.3	2.618	62.8	4.0	0.9
275	7/11/2015 13:01:10	18.11	51.23	33.71	4.82	7.91	4.7	2.557	62.4	3.7	0.9
276	7/11/2015 13:16:10	18.17	51.26	33.73	4.82	7.91	4.5	2.502	62.6	3.8	0.9
277	7/11/2015 13:31:11	18.22	51.19	33.68	4.81	7.91	4.8	2.440	62.4	3.8	0.9
278	7/11/2015 13:46:11	18.26	51.31	33.77	4.80	7.91	4.5	2.419	62.4	4.7	1.1
279	7/11/2015 14:01:10	18.29	51.22	33.70	4.82	7.91	4.9	2.393	62.6	4.2	1.0
280	7/11/2015 14:16:10	18.34	51.33	33.78	4.70	7.91	3.6	2.349	61.1	4.0	0.9
281	7/11/2015 14:31:10	18.45	51.23	33.71	4.51	7.89	4.3	2.345	58.8	4.3	1.0
282	7/11/2015 14:46:10	18.35	51.30	33.76	4.93	7.93	4.6	2.367	64.2	5.0	1.2
283	7/11/2015 15:01:11	18.33	51.24	33.72	4.88	7.93	4.9	2.387	63.5	5.5	1.3
284	7/11/2015 15:16:11	18.32	51.24	33.72	4.89	7.93	4.6	2.403	63.6	5.5	1.3
285	7/11/2015 15:31:10	18.30	51.17	33.67	4.90	7.93	5.1	2.448	63.7	5.7	1.3
286	7/11/2015 15:46:10	18.26	51.17	33.66	4.90	7.93	5.8	2.514	63.6	5.9	1.4
287	7/11/2015 16:01:11	18.13	51.21	33.70	4.88	7.94	5.2	2.569	63.2	5.0	1.2
288	7/11/2015 16:16:11	18.05	51.08	33.60	4.89	7.94	5.1	2.636	63.3	5.5	1.3
289	7/11/2015 16:31:10	17.94	51.05	33.58	4.94	7.95	5.2	2.714	63.7	5.0	1.2
290	7/11/2015 16:46:10	17.89	51.07	33.59	4.95	7.95	5.5	2.775	63.8	6.0	1.4
291	7/11/2015 17:01:11	17.84	51.08	33.60	4.92	7.95	5.7	2.864	63.4	6.3	1.5
292	7/11/2015 17:16:11	17.62	51.06	33.58	4.92	7.95	5.4	2.935	63.0	7.2	1.7
293	7/11/2015 17:31:11	17.46	51.02	33.55	4.89	7.95	5.4	3.007	62.5	7.5	1.8
294	7/11/2015 17:46:11	17.20	50.90	33.46	4.92	7.96	5.4	3.092	62.5	6.7	1.6
295	7/11/2015 18:01:11	17.07	50.89	33.45	4.92	7.96	5.9	3.182	62.4	6.1	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	Fluorescence %FS
296	7/11/2015 18:16:11	16.85	50.86	33.43	4.93	7.97	6.3	3.272	62.2	6.8	1.6
297	7/11/2015 18:31:11	16.66	50.72	33.32	4.94	7.97	6.3	3.352	62.1	6.3	1.5
298	7/11/2015 18:46:11	16.44	50.80	33.37	5.00	7.98	6.0	3.451	62.5	5.7	1.3
299	7/11/2015 19:01:11	16.02	50.65	33.26	5.17	8.01	6.4	3.544	64.1	5.5	1.3
300	7/11/2015 19:16:11	15.72	50.56	33.19	5.30	8.04	5.9	3.629	65.3	7.3	1.7
301	7/11/2015 19:31:11	15.47	50.52	33.15	5.40	8.06	5.9	3.712	66.3	6.3	1.5
302	7/11/2015 19:46:11	15.26	50.48	33.12	5.43	8.08	4.7	3.791	66.4	6.5	1.5
303	7/11/2015 20:01:11	15.10	50.45	33.10	5.49	8.09	4.4	3.866	66.8	5.6	1.3
304	7/11/2015 20:16:10	14.97	50.41	33.06	5.53	8.11	3.5	3.932	67.1	5.1	1.2
305	7/11/2015 20:31:11	14.93	50.40	33.05	5.50	8.11	2.7	3.983	66.6	6.1	1.4
306	7/11/2015 20:46:11	15.13	50.45	33.09	5.39	8.10	2.7	4.028	65.7	5.8	1.4
307	7/11/2015 21:01:11	15.66	49.95	32.74	5.15	8.07	3.5	4.058	63.3	6.7	1.6
308	7/11/2015 21:16:11	15.37	50.56	33.18	5.01	8.05	2.3	4.074	61.4	4.0	1.0
309	7/11/2015 21:31:11	15.45	50.53	33.16	5.15	8.06	3.3	4.057	63.2	4.3	1.0
310	7/11/2015 21:46:11	15.73	50.63	33.24	5.00	8.04	5.5	4.024	61.6	4.6	1.1
311	7/11/2015 22:01:11	15.37	50.44	33.09	5.14	8.06	3.8	3.976	62.9	5.1	1.2
312	7/11/2015 22:16:11	15.32	50.50	33.14	5.08	8.05	5.5	3.899	62.1	5.6	1.3
313	7/11/2015 22:31:11	15.15	50.52	33.15	5.16	8.07	5.2	3.804	62.9	6.0	1.4
314	7/11/2015 22:46:11	15.40	50.50	33.13	5.09	8.06	6.6	3.694	62.4	5.8	1.4
315	7/11/2015 23:01:10	16.09	50.61	33.23	4.83	8.02	6.9	3.608	60.0	5.4	1.3
316	7/11/2015 23:16:11	16.33	50.64	33.26	4.95	8.04	8.1	3.494	61.9	6.2	1.4
317	7/11/2015 23:31:11	16.16	50.32	33.02	4.98	8.04	6.6	3.365	61.9	6.7	1.6
318	7/11/2015 23:46:11	16.46	50.67	33.28	4.82	8.02	6.3	3.255	60.4	5.6	1.3
319	7/12/2015 00:01:10	16.67	50.78	33.36	4.75	8.00	7.1	3.152	59.8	5.2	1.2
320	7/12/2015 00:16:10	16.98	50.89	33.45	4.65	7.98	7.6	3.031	58.8	5.8	1.4
321	7/12/2015 00:31:10	17.28	50.91	33.47	4.60	7.97	7.3	2.905	58.6	6.3	1.5
322	7/12/2015 00:46:10	17.59	51.05	33.57	4.56	7.97	8.2	2.784	58.4	5.9	1.4
323	7/12/2015 01:01:11	17.50	51.04	33.57	4.56	7.96	8.1	2.669	58.3	5.0	1.2
324	7/12/2015 01:16:10	17.11	50.95	33.50	4.54	7.96	7.5	2.542	57.7	4.8	1.1
325	7/12/2015 01:31:10	16.71	50.84	33.41	4.59	7.97	7.8	2.420	57.7	5.3	1.2
326	7/12/2015 01:46:11	16.98	50.91	33.47	4.58	7.97	8.4	2.291	57.9	5.1	1.2
327	7/12/2015 02:01:10	17.23	50.94	33.49	4.54	7.96	9.0	2.162	57.7	5.3	1.3
328	7/12/2015 02:16:10	17.50	51.09	33.60	4.49	7.95	9.8	2.036	57.5	6.0	1.4
329	7/12/2015 02:31:10	17.69	51.05	33.58	4.45	7.95	9.1	1.916	57.2	5.5	1.3
330	7/12/2015 02:46:10	17.95	51.19	33.68	4.43	7.94	7.6	1.796	57.2	5.4	1.3
331	7/12/2015 03:01:10	18.04	51.20	33.69	4.42	7.94	7.6	1.704	57.2	5.9	1.4
332	7/12/2015 03:16:10	18.12	51.20	33.69	4.38	7.93	6.8	1.628	56.7	5.9	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	Fluorescence %FS
333	7/12/2015 03:31:10	18.23	51.28	33.74	4.35	7.93	5.9	1.562	56.5	5.8	1.4
334	7/12/2015 03:46:10	18.21	51.17	33.66	4.27	7.92	4.9	1.534	55.4	5.8	1.4
335	7/12/2015 04:01:10	18.21	51.23	33.71	4.08	7.90	4.6	1.526	52.9	5.0	1.2
336	7/12/2015 04:16:10	18.25	51.30	33.76	4.34	7.93	4.9	1.549	56.4	5.6	1.3
337	7/12/2015 04:31:11	18.25	51.30	33.76	4.39	7.94	4.9	1.589	57.1	5.1	1.2
338	7/12/2015 04:46:10	18.43	51.33	33.79	4.44	7.95	5.4	1.651	57.9	5.2	1.2
339	7/12/2015 05:01:10	18.62	51.39	33.83	4.50	7.96	6.1	1.732	58.9	5.8	1.4
340	7/12/2015 05:16:10	18.57	51.19	33.68	4.49	7.96	6.2	1.808	58.6	5.2	1.2
341	7/12/2015 05:31:10	18.80	51.35	33.80	4.31	7.92	8.6	1.893	56.6	6.3	1.5
342	7/12/2015 05:46:10	18.81	51.20	33.69	4.26	7.91	8.9	1.976	55.9	6.6	1.5
343	7/12/2015 06:01:11	18.49	51.33	33.79	4.28	7.91	7.5	2.059	55.9	5.9	1.4
344	7/12/2015 06:16:10	18.35	51.22	33.71	4.29	7.92	6.7	2.139	55.9	5.5	1.3
345	7/12/2015 06:31:10	18.33	51.27	33.74	4.29	7.92	6.7	2.216	55.8	5.1	1.2
346	7/12/2015 06:46:10	18.41	51.30	33.76	4.31	7.93	6.7	2.305	56.1	5.1	1.2
347	7/12/2015 07:01:10	18.31	51.28	33.74	4.33	7.93	6.3	2.379	56.3	4.7	1.1
348	7/12/2015 07:16:11	18.13	51.28	33.75	4.29	7.92	5.9	2.461	55.7	4.4	1.0
349	7/12/2015 07:31:11	18.05	51.19	33.68	4.27	7.92	5.7	2.555	55.2	5.1	1.2
350	7/12/2015 07:46:11	17.99	51.23	33.71	4.26	7.92	6.0	2.634	55.1	4.7	1.1
351	7/12/2015 08:01:11	17.89	51.21	33.70	4.28	7.92	5.9	2.722	55.2	4.9	1.1
352	7/12/2015 08:16:11	17.77	51.15	33.65	4.29	7.92	6.3	2.801	55.1	4.7	1.1
353	7/12/2015 08:31:11	17.64	51.15	33.65	4.30	7.93	6.2	2.869	55.1	5.2	1.2
354	7/12/2015 08:46:11	17.46	51.11	33.62	4.32	7.93	7.4	2.965	55.3	4.7	1.1
355	7/12/2015 09:01:11	17.21	50.98	33.52	4.35	7.94	7.1	3.025	55.3	5.1	1.2
356	7/12/2015 09:16:11	17.02	50.89	33.45	4.35	7.94	7.9	3.088	55.1	4.8	1.1
357	7/12/2015 09:31:10	16.78	50.78	33.37	4.38	7.95	7.3	3.167	55.2	4.9	1.2
358	7/12/2015 09:46:10	16.60	50.83	33.40	4.39	7.96	6.7	3.219	55.2	4.3	1.0
359	7/12/2015 10:01:11	16.34	50.81	33.38	4.47	7.98	6.2	3.279	55.9	4.2	1.0
360	7/12/2015 10:16:11	16.27	50.77	33.35	4.47	7.99	4.0	3.315	55.8	4.2	1.0
361	7/12/2015 10:31:11	16.26	50.74	33.33	4.46	7.99	3.2	3.356	55.7	3.9	0.9
362	7/12/2015 10:46:11	16.23	50.58	33.21	4.41	7.98	3.2	3.379	54.9	3.8	0.9
363	7/12/2015 11:01:11	16.29	50.84	33.40	4.43	7.98	4.2	3.362	55.3	3.2	0.8
364	7/12/2015 11:16:11	16.54	50.83	33.40	4.36	7.97	4.2	3.341	54.7	3.7	0.9
365	7/12/2015 11:31:11	16.26	50.75	33.34	4.45	7.99	3.8	3.315	55.6	3.9	0.9
366	7/12/2015 11:46:11	16.47	50.77	33.36	4.41	7.98	5.1	3.272	55.3	3.9	0.9
367	7/12/2015 12:01:10	16.70	50.83	33.40	4.43	7.98	5.3	3.183	55.8	4.0	0.9
368	7/12/2015 12:16:10	16.97	50.76	33.36	4.45	7.99	6.7	3.102	56.2	4.3	1.0
369	7/12/2015 12:31:11	17.17	50.81	33.39	4.41	7.98	6.2	3.044	56.1	4.6	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	Fluorescence %FS
370	7/12/2015 12:46:11	17.47	50.89	33.46	4.38	7.97	6.3	2.976	56.0	4.8	1.1
371	7/12/2015 13:01:10	17.85	51.03	33.56	4.37	7.97	7.3	2.883	56.3	5.3	1.3
372	7/12/2015 13:16:10	18.02	50.97	33.52	4.36	7.96	6.1	2.815	56.3	4.7	1.1
373	7/12/2015 13:31:10	18.34	51.13	33.63	4.36	7.96	6.1	2.758	56.7	4.8	1.1
374	7/12/2015 13:46:11	18.56	51.21	33.70	4.38	7.96	5.2	2.696	57.2	5.2	1.2
375	7/12/2015 14:01:10	18.69	51.21	33.70	4.39	7.96	5.2	2.629	57.5	4.6	1.1
376	7/12/2015 14:16:11	18.79	51.26	33.73	4.40	7.97	4.5	2.578	57.7	4.7	1.1
377	7/12/2015 14:31:10	18.85	51.24	33.72	4.43	7.97	4.6	2.539	58.1	5.5	1.3
378	7/12/2015 14:46:11	18.92	51.30	33.77	4.42	7.97	4.0	2.496	58.2	5.1	1.2
379	7/12/2015 15:01:10	18.97	51.23	33.72	4.41	7.97	4.0	2.462	58.0	4.9	1.2
380	7/12/2015 15:16:10	19.08	51.28	33.75	4.42	7.98	4.5	2.439	58.3	5.1	1.2
381	7/12/2015 15:31:10	19.15	51.22	33.71	4.44	7.97	3.3	2.437	58.6	5.1	1.2
382	7/12/2015 15:46:10	18.98	51.21	33.70	4.48	7.98	4.3	2.432	58.9	5.7	1.3
383	7/12/2015 16:01:11	19.02	51.26	33.73	4.50	7.98	4.5	2.456	59.2	6.9	1.6
384	7/12/2015 16:16:10	19.04	51.16	33.66	4.52	7.99	4.2	2.477	59.6	6.4	1.5
385	7/12/2015 16:31:10	19.03	51.21	33.70	4.56	8.00	5.2	2.514	60.1	7.4	1.7
386	7/12/2015 16:46:10	19.00	51.16	33.66	4.58	8.00	5.3	2.572	60.3	7.7	1.8
387	7/12/2015 17:01:10	19.16	51.10	33.62	4.62	8.01	7.0	2.641	61.0	7.1	1.7
388	7/12/2015 17:16:10	18.73	51.09	33.61	4.64	8.01	6.2	2.698	60.8	6.7	1.6
389	7/12/2015 17:31:10	18.49	51.05	33.58	4.62	8.00	5.6	2.771	60.2	6.4	1.5
390	7/12/2015 17:46:11	18.46	51.04	33.57	4.60	8.00	4.9	2.846	59.9	7.2	1.7
391	7/12/2015 18:01:10	18.34	50.94	33.50	4.58	7.99	5.4	2.921	59.6	6.9	1.6
392	7/12/2015 18:16:10	18.00	50.95	33.50	4.56	7.99	5.4	3.004	58.8	6.5	1.5
393	7/12/2015 18:31:11	17.74	50.92	33.48	4.56	7.99	5.8	3.078	58.6	6.3	1.5
394	7/12/2015 18:46:11	17.54	50.92	33.48	4.59	7.99	5.5	3.171	58.8	6.8	1.6
395	7/12/2015 19:01:11	17.42	50.88	33.44	4.62	8.00	5.9	3.257	58.9	7.0	1.6
396	7/12/2015 19:16:11	17.11	50.80	33.38	4.67	8.01	7.0	3.354	59.2	6.6	1.6
397	7/12/2015 19:31:11	16.86	50.73	33.33	4.73	8.02	6.2	3.449	59.7	6.7	1.6
398	7/12/2015 19:46:11	16.56	50.60	33.23	4.81	8.04	6.2	3.542	60.3	7.3	1.7
399	7/12/2015 20:01:11	16.31	50.63	33.25	4.92	8.07	6.2	3.634	61.4	7.1	1.7
400	7/12/2015 20:16:11	16.16	50.57	33.20	4.97	8.08	5.6	3.715	61.8	7.2	1.7
401	7/12/2015 20:31:11	16.00	50.48	33.13	5.05	8.10	5.4	3.801	62.5	7.6	1.8
402	7/12/2015 20:46:11	15.72	50.45	33.11	5.17	8.13	3.9	3.877	63.7	7.4	1.7
403	7/12/2015 21:01:11	15.63	50.48	33.13	5.21	8.14	3.7	3.952	64.1	8.0	1.9
404	7/12/2015 21:16:11	15.57	50.40	33.07	5.23	8.15	3.1	4.007	64.2	8.6	2.0
405	7/12/2015 21:31:11	15.64	50.36	33.04	5.20	8.14	2.9	4.054	63.9	7.9	1.9
406	7/12/2015 21:46:11	15.49	50.43	33.08	5.22	8.15	2.1	4.094	64.0	7.8	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	Fluorescence %FS
407	7/12/2015 22:01:11	15.95	50.49	33.14	5.00	8.11	3.1	4.102	61.9	7.2	1.7
408	7/12/2015 22:16:11	16.20	50.52	33.17	4.93	8.09	3.8	4.100	61.3	4.6	1.1
409	7/12/2015 22:31:11	16.57	50.67	33.29	4.62	8.03	4.6	4.084	58.0	6.0	1.4
410	7/12/2015 22:46:11	16.01	50.56	33.20	4.99	8.08	3.9	4.029	61.9	6.5	1.5
411	7/12/2015 23:01:11	15.97	50.48	33.14	4.97	8.08	5.3	3.957	61.5	7.1	1.7
412	7/12/2015 23:16:11	15.60	50.44	33.10	5.14	8.11	5.6	3.863	63.2	7.3	1.7
413	7/12/2015 23:31:11	15.82	50.51	33.15	5.07	8.11	4.8	3.770	62.6	8.3	2.0
414	7/12/2015 23:46:11	16.84	50.69	33.30	4.76	8.05	6.2	3.666	60.0	6.1	1.4
415	7/13/2015 00:01:10	17.02	50.74	33.34	4.93	8.07	6.9	3.550	62.4	7.2	1.7
416	7/13/2015 00:16:10	16.78	50.56	33.21	4.95	8.07	7.0	3.440	62.3	6.9	1.6
417	7/13/2015 00:31:10	16.84	50.57	33.21	4.92	8.06	7.8	3.299	62.0	8.0	1.9
418	7/13/2015 00:46:10	16.93	50.75	33.34	4.88	8.05	6.3	3.200	61.7	6.4	1.5
419	7/13/2015 01:01:11	17.46	50.89	33.45	4.76	8.02	6.8	3.064	60.8	6.6	1.5
420	7/13/2015 01:16:10	18.00	50.94	33.50	4.71	8.00	8.1	2.953	60.9	6.5	1.5
421	7/13/2015 01:31:10	18.39	51.09	33.61	4.67	7.98	8.1	2.810	60.8	5.7	1.3
422	7/13/2015 01:46:10	18.15	51.01	33.55	4.77	7.99	7.9	2.683	61.7	6.7	1.6
423	7/13/2015 02:01:11	17.95	51.03	33.56	4.79	7.99	8.2	2.552	61.7	6.2	1.5
424	7/13/2015 02:16:11	17.58	50.96	33.51	4.82	8.00	7.8	2.407	61.8	5.8	1.4
425	7/13/2015 02:31:11	17.71	51.00	33.54	4.86	8.00	9.1	2.273	62.5	6.1	1.4
426	7/13/2015 02:46:10	18.06	50.99	33.53	4.88	8.01	9.2	2.146	63.1	6.3	1.5
427	7/13/2015 03:01:10	18.25	51.07	33.60	4.89	8.00	8.8	2.002	63.5	5.8	1.4
428	7/13/2015 03:16:10	18.45	51.11	33.62	4.84	7.99	8.7	1.866	63.1	5.9	1.4
429	7/13/2015 03:31:11	18.64	51.24	33.72	4.85	7.99	8.3	1.745	63.5	5.6	1.3
430	7/13/2015 03:46:11	18.82	51.27	33.74	4.84	7.98	7.3	1.642	63.5	5.6	1.3
431	7/13/2015 04:01:10	18.94	51.28	33.75	4.84	7.98	7.3	1.541	63.6	5.6	1.3
432	7/13/2015 04:16:10	19.06	51.28	33.75	4.85	7.98	6.7	1.462	64.0	5.6	1.3
433	7/13/2015 04:31:10	19.03	51.21	33.70	4.82	7.97	9.8	1.406	63.5	5.9	1.4
434	7/13/2015 04:46:10	19.19	51.27	33.74	4.88	7.97	7.4	1.408	64.5	5.4	1.3
435	7/13/2015 05:01:10	19.23	51.39	33.83	4.88	7.98	7.1	1.431	64.6	6.1	1.4
436	7/13/2015 05:16:10	19.51	51.35	33.80	4.97	8.00	5.4	1.448	66.2	5.3	1.3
437	7/13/2015 05:31:10	19.46	51.39	33.83	5.00	7.99	5.4	1.535	66.4	5.3	1.2
438	7/13/2015 05:46:10	19.80	51.36	33.81	5.12	8.02	6.0	1.602	68.5	5.5	1.3
439	7/13/2015 06:01:10	19.65	51.33	33.79	5.11	8.01	5.7	1.694	68.2	4.5	1.1
440	7/13/2015 06:16:10	19.96	51.43	33.86	4.82	7.96	8.3	1.771	64.6	5.9	1.4
441	7/13/2015 06:31:10	19.94	51.30	33.77	4.80	7.95	8.7	1.852	64.3	5.5	1.3
442	7/13/2015 06:46:10	19.66	51.29	33.76	4.91	7.96	7.6	1.948	65.4	4.9	1.2
443	7/13/2015 07:01:10	19.49	51.24	33.72	4.94	7.96	6.8	2.024	65.7	4.8	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	Fluorescence %FS
444	7/13/2015 07:16:10	19.43	51.28	33.75	4.96	7.97	6.5	2.107	65.9	4.8	1.1
445	7/13/2015 07:31:10	19.36	51.30	33.76	5.03	7.98	6.6	2.204	66.7	5.1	1.2
446	7/13/2015 07:46:10	19.00	51.18	33.68	5.01	7.97	6.1	2.292	66.0	5.5	1.3
447	7/13/2015 08:01:10	18.84	51.19	33.68	5.00	7.96	6.0	2.378	65.6	4.9	1.2
448	7/13/2015 08:16:10	18.81	51.25	33.73	5.00	7.96	5.4	2.466	65.6	5.3	1.2
449	7/13/2015 08:31:11	18.77	51.23	33.71	5.00	7.95	6.0	2.566	65.5	5.2	1.2
450	7/13/2015 08:46:10	18.59	51.16	33.66	5.00	7.95	6.7	2.650	65.4	5.3	1.3
451	7/13/2015 09:01:11	18.38	51.09	33.61	5.03	7.96	7.1	2.730	65.4	5.0	1.2
452	7/13/2015 09:16:10	18.31	51.06	33.59	5.05	7.96	6.7	2.826	65.6	5.1	1.2
453	7/13/2015 09:31:11	18.21	51.02	33.55	5.06	7.96	8.7	2.916	65.6	5.4	1.3
454	7/13/2015 09:46:11	17.85	50.93	33.49	5.12	7.97	8.5	2.988	66.0	4.8	1.1
455	7/13/2015 10:01:11	17.56	50.93	33.49	5.18	7.98	8.0	3.070	66.4	5.3	1.3
456	7/13/2015 10:16:11	17.36	50.92	33.48	5.24	7.99	8.5	3.146	66.8	5.3	1.3
457	7/13/2015 10:31:11	16.99	50.75	33.35	5.37	8.01	8.9	3.221	68.0	6.1	1.4
458	7/13/2015 10:46:11	16.81	50.73	33.33	5.43	8.03	8.6	3.276	68.4	5.5	1.3
459	7/13/2015 11:01:11	16.71	50.66	33.28	5.47	8.04	5.7	3.341	68.8	5.5	1.3
460	7/13/2015 11:16:10	16.52	50.60	33.23	5.56	8.06	4.8	3.399	69.6	4.9	1.2
461	7/13/2015 11:31:11	16.43	50.64	33.26	5.57	8.07	4.0	3.425	69.6	4.1	1.0
462	7/13/2015 11:46:11	16.43	50.64	33.26	5.48	8.06	3.1	3.447	68.5	4.4	1.0
463	7/13/2015 12:01:11	16.50	50.65	33.27	5.48	8.05	3.8	3.437	68.7	3.8	0.9
464	7/13/2015 12:16:11	16.76	50.65	33.27	5.44	8.04	5.2	3.419	68.4	3.8	0.9
465	7/13/2015 12:31:10	16.61	50.61	33.24	5.47	8.05	4.4	3.380	68.6	3.5	0.8
466	7/13/2015 12:46:11	16.92	50.64	33.27	5.42	8.04	4.9	3.311	68.5	4.1	1.0
467	7/13/2015 13:01:10	17.30	50.74	33.34	5.46	8.04	6.5	3.230	69.4	4.4	1.0
468	7/13/2015 13:16:11	17.55	50.84	33.42	5.45	8.03	6.9	3.157	69.8	5.0	1.2
469	7/13/2015 13:31:11	18.09	50.87	33.45	5.43	8.02	7.0	3.087	70.1	5.0	1.2
470	7/13/2015 13:46:11	18.34	50.83	33.42	5.44	8.02	6.1	3.000	70.6	5.5	1.3
471	7/13/2015 14:01:10	18.57	51.01	33.55	5.44	8.02	6.2	2.913	71.0	5.2	1.2
472	7/13/2015 14:16:10	18.62	50.97	33.52	5.42	8.01	6.4	2.847	70.8	5.4	1.3
473	7/13/2015 14:31:10	19.06	51.02	33.56	5.40	8.00	7.3	2.788	71.1	5.8	1.4
474	7/13/2015 14:46:11	19.31	51.22	33.70	5.42	8.01	6.5	2.718	71.8	5.7	1.3
475	7/13/2015 15:01:10	19.44	51.10	33.62	5.45	8.01	5.9	2.648	72.3	5.4	1.3
476	7/13/2015 15:16:10	19.54	51.20	33.69	5.47	8.01	4.8	2.606	72.7	5.4	1.3
477	7/13/2015 15:31:10	19.63	51.19	33.68	5.49	8.01	5.2	2.552	73.1	5.5	1.3
478	7/13/2015 15:46:10	19.72	51.26	33.73	5.52	8.01	5.2	2.500	73.6	5.4	1.3
479	7/13/2015 16:01:11	19.80	51.28	33.75	5.53	8.01	4.7	2.482	73.9	4.9	1.2
480	7/13/2015 16:16:10	19.83	51.23	33.71	5.53	8.01	4.5	2.440	73.9	5.8	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	Fluorescence %FS
481	7/13/2015 16:31:11	19.99	51.29	33.76	5.67	8.03	4.9	2.433	76.1	5.9	1.4
482	7/13/2015 16:46:10	19.77	51.17	33.67	5.66	8.03	4.8	2.443	75.6	6.4	1.5
483	7/13/2015 17:01:10	19.85	51.19	33.69	5.66	8.03	4.4	2.471	75.7	7.4	1.7
484	7/13/2015 17:16:10	19.79	51.17	33.67	5.66	8.03	4.6	2.490	75.7	6.9	1.6
485	7/13/2015 17:31:10	19.86	51.18	33.68	5.74	8.04	4.9	2.540	76.8	8.2	1.9
486	7/13/2015 17:46:10	19.77	51.14	33.65	5.74	8.03	5.4	2.617	76.7	7.7	1.8
487	7/13/2015 18:01:10	19.79	51.20	33.69	5.74	8.03	5.4	2.666	76.7	7.9	1.9
488	7/13/2015 18:16:10	19.80	51.12	33.63	5.82	8.05	6.6	2.739	77.8	7.3	1.7
489	7/13/2015 18:31:10	19.35	51.07	33.59	5.78	8.04	6.0	2.823	76.5	7.3	1.7
490	7/13/2015 18:46:10	19.18	51.06	33.59	5.76	8.04	6.1	2.899	76.1	7.6	1.8
491	7/13/2015 19:01:10	18.68	50.96	33.52	5.72	8.03	6.0	2.971	74.8	7.5	1.8
492	7/13/2015 19:16:11	18.31	50.94	33.50	5.66	8.03	5.9	3.053	73.5	7.5	1.8
493	7/13/2015 19:31:11	18.02	50.87	33.45	5.66	8.03	5.9	3.138	73.1	7.1	1.7
494	7/13/2015 19:46:11	17.85	50.89	33.46	5.64	8.03	6.6	3.226	72.6	6.7	1.6
495	7/13/2015 20:01:11	17.73	50.79	33.38	5.69	8.04	6.2	3.314	73.0	6.5	1.5
496	7/13/2015 20:16:11	17.38	50.79	33.38	5.74	8.05	6.0	3.411	73.2	6.9	1.6
497	7/13/2015 20:31:11	17.09	50.67	33.29	5.80	8.06	6.0	3.499	73.5	7.2	1.7
498	7/13/2015 20:46:11	16.81	50.63	33.26	5.93	8.08	6.6	3.592	74.7	7.2	1.7
499	7/13/2015 21:01:11	16.43	50.61	33.23	6.07	8.11	6.5	3.686	75.9	7.8	1.8
500	7/13/2015 21:16:11	16.22	50.57	33.21	6.21	8.13	7.3	3.766	77.3	8.8	2.1
501	7/13/2015 21:31:11	15.92	50.48	33.14	6.34	8.15	5.2	3.856	78.5	8.7	2.0
502	7/13/2015 21:46:11	15.82	50.44	33.10	6.37	8.16	4.7	3.928	78.7	8.2	1.9
503	7/13/2015 22:01:11	15.74	50.43	33.09	6.40	8.17	3.5	3.988	78.9	8.3	2.0
504	7/13/2015 22:16:11	15.66	50.45	33.11	6.44	8.18	2.3	4.042	79.3	8.6	2.0
505	7/13/2015 22:31:10	15.60	50.37	33.05	6.44	8.19	1.9	4.083	79.1	9.1	2.2
506	7/13/2015 22:46:11	16.62	50.52	33.17	5.77	8.11	3.0	4.110	72.4	7.0	1.6
507	7/13/2015 23:01:10	16.10	50.64	33.25	6.13	8.13	2.7	4.108	76.2	6.2	1.4
508	7/13/2015 23:16:11	16.23	50.55	33.19	6.00	8.12	4.0	4.085	74.8	5.2	1.2
509	7/13/2015 23:31:10	16.07	50.50	33.15	6.11	8.13	3.9	4.035	75.9	5.5	1.3
510	7/13/2015 23:46:11	15.97	50.51	33.16	6.09	8.13	5.1	3.968	75.5	7.1	1.7
511	7/14/2015 00:01:11	15.70	50.43	33.09	6.19	8.15	5.2	3.875	76.3	8.0	1.9
512	7/14/2015 00:16:11	15.58	50.41	33.08	6.27	8.16	5.9	3.780	77.1	7.5	1.8
513	7/14/2015 00:31:11	16.18	50.57	33.20	5.89	8.11	7.4	3.667	73.3	6.7	1.6
514	7/14/2015 00:46:10	16.87	50.62	33.25	5.87	8.10	9.0	3.549	74.0	7.3	1.7
515	7/14/2015 01:01:10	16.95	50.65	33.28	5.91	8.11	8.5	3.430	74.7	7.7	1.8
516	7/14/2015 01:16:10	17.06	50.71	33.32	5.83	8.10	9.1	3.315	73.8	7.2	1.7
517	7/14/2015 01:31:10	17.42	50.74	33.34	5.69	8.08	8.8	3.175	72.5	7.1	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	Fluorescence %FS
518	7/14/2015 01:46:10	17.98	50.94	33.50	5.50	8.05	9.6	3.058	71.0	6.5	1.5
519	7/14/2015 02:01:10	18.20	51.00	33.54	5.45	8.04	10.1	2.934	70.6	6.3	1.5
520	7/14/2015 02:16:11	18.32	50.97	33.52	5.43	8.03	10.7	2.790	70.5	6.5	1.5
521	7/14/2015 02:31:11	17.60	50.85	33.43	5.52	8.04	9.8	2.660	70.6	6.1	1.4
522	7/14/2015 02:46:10	17.78	50.83	33.41	5.52	8.04	9.6	2.529	70.9	6.4	1.5
523	7/14/2015 03:01:11	17.75	50.91	33.47	5.53	8.04	11.1	2.387	71.0	5.9	1.4
524	7/14/2015 03:16:11	18.03	51.00	33.54	5.47	8.03	10.3	2.248	70.6	5.8	1.4
525	7/14/2015 03:31:10	18.27	51.06	33.59	5.43	8.03	10.2	2.103	70.5	5.7	1.3
526	7/14/2015 03:46:10	18.66	51.14	33.64	5.37	8.02	10.7	1.969	70.3	5.6	1.3
527	7/14/2015 04:01:10	18.76	51.15	33.65	5.34	8.01	9.5	1.828	70.0	5.5	1.3
528	7/14/2015 04:16:10	18.85	51.21	33.70	5.31	8.00	9.7	1.688	69.7	5.8	1.4
529	7/14/2015 04:31:11	19.05	51.27	33.74	5.29	7.99	9.5	1.578	69.7	5.3	1.3
530	7/14/2015 04:46:10	19.22	51.18	33.68	5.30	7.99	8.7	1.461	70.0	4.7	1.1
531	7/14/2015 05:01:10	19.18	51.24	33.72	5.27	7.98	9.2	1.384	69.7	5.1	1.2
532	7/14/2015 05:16:10	19.47	51.23	33.72	5.27	7.98	8.1	1.317	70.1	5.4	1.3
533	7/14/2015 05:31:10	19.64	51.26	33.74	5.24	7.98	8.5	1.296	69.9	5.0	1.2
534	7/14/2015 05:46:10	19.78	51.26	33.73	5.26	7.98	6.8	1.301	70.4	5.2	1.2
535	7/14/2015 06:01:10	20.07	51.49	33.90	5.38	8.00	6.5	1.331	72.4	4.4	1.0
536	7/14/2015 06:16:11	19.94	51.35	33.80	5.37	7.99	6.3	1.412	72.0	4.5	1.1
537	7/14/2015 06:31:11	20.30	51.52	33.93	5.43	8.01	6.8	1.477	73.3	4.5	1.1
538	7/14/2015 06:46:10	20.29	51.42	33.85	5.48	8.01	6.7	1.578	74.0	4.3	1.0
539	7/14/2015 07:01:10	20.37	51.45	33.87	5.23	7.97	9.4	1.673	70.7	5.1	1.2
540	7/14/2015 07:16:10	20.37	51.33	33.79	5.20	7.96	8.8	1.734	70.3	4.7	1.1
541	7/14/2015 07:31:10	20.22	51.33	33.78	5.32	7.98	8.5	1.847	71.8	5.0	1.2
542	7/14/2015 07:46:10	19.99	51.38	33.83	5.35	7.98	8.4	1.935	71.8	4.2	1.0
543	7/14/2015 08:01:10	19.88	51.35	33.80	5.37	7.98	7.3	2.013	72.0	4.3	1.0
544	7/14/2015 08:16:11	19.84	51.33	33.79	5.40	7.98	7.3	2.105	72.3	4.5	1.1
545	7/14/2015 08:31:11	19.66	51.33	33.79	5.52	7.99	7.4	2.204	73.6	4.3	1.0
546	7/14/2015 08:46:11	19.45	51.28	33.75	5.57	7.99	7.4	2.313	73.9	4.2	1.0
547	7/14/2015 09:01:11	19.26	51.28	33.75	5.58	7.98	6.9	2.408	73.9	4.8	1.1
548	7/14/2015 09:16:11	19.16	51.15	33.66	5.54	7.96	7.5	2.500	73.1	4.9	1.2
549	7/14/2015 09:31:10	18.89	51.14	33.65	5.54	7.96	8.4	2.601	72.7	5.0	1.2
550	7/14/2015 09:46:10	18.75	51.13	33.64	5.58	7.97	8.8	2.694	73.1	5.4	1.3
551	7/14/2015 10:01:10	18.57	51.02	33.56	5.65	7.98	9.3	2.786	73.7	4.9	1.2
552	7/14/2015 10:16:11	18.47	51.02	33.56	5.67	7.98	11.4	2.875	73.9	5.1	1.2
553	7/14/2015 10:31:10	18.09	50.92	33.48	5.77	7.99	13.4	2.964	74.6	5.1	1.2
554	7/14/2015 10:46:11	17.75	50.90	33.47	5.87	8.00	11.5	3.043	75.4	4.6	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	Fluorescence %FS
555	7/14/2015 11:01:11	17.39	50.81	33.40	5.97	8.01	12.4	3.129	76.2	5.1	1.2
556	7/14/2015 11:16:10	17.16	50.76	33.36	6.07	8.03	10.2	3.201	77.0	5.1	1.2
557	7/14/2015 11:31:11	17.00	50.66	33.28	6.12	8.04	9.6	3.269	77.4	4.6	1.1
558	7/14/2015 11:46:11	16.81	50.57	33.22	6.21	8.06	8.9	3.349	78.2	4.9	1.2
559	7/14/2015 12:01:11	16.66	50.63	33.25	6.26	8.07	6.8	3.395	78.7	5.2	1.2
560	7/14/2015 12:16:11	16.59	50.63	33.25	6.29	8.08	5.4	3.438	78.9	5.6	1.3
561	7/14/2015 12:31:11	16.56	50.61	33.24	6.21	8.07	4.6	3.466	77.8	3.9	0.9
562	7/14/2015 12:46:10	16.81	50.55	33.20	6.14	8.06	5.2	3.464	77.4	4.5	1.1
563	7/14/2015 13:01:11	16.63	50.58	33.21	6.18	8.06	5.0	3.451	77.6	3.4	0.8
564	7/14/2015 13:16:10	16.62	50.56	33.20	6.20	8.07	5.3	3.404	77.8	3.5	0.8
565	7/14/2015 13:31:11	16.84	50.62	33.25	6.22	8.07	7.1	3.340	78.4	4.6	1.1
566	7/14/2015 13:46:10	17.12	50.66	33.29	6.25	8.07	8.0	3.270	79.3	4.8	1.1
567	7/14/2015 14:01:10	17.45	50.69	33.31	6.29	8.07	8.7	3.183	80.2	4.9	1.2
568	7/14/2015 14:16:10	17.82	50.75	33.35	6.24	8.06	8.2	3.111	80.2	4.2	1.0
569	7/14/2015 14:31:10	18.12	50.86	33.44	6.15	8.04	8.2	3.011	79.5	5.6	1.3
570	7/14/2015 14:46:11	18.48	50.66	33.29	6.15	8.04	7.9	2.937	80.0	5.1	1.2
571	7/14/2015 15:01:10	18.73	50.82	33.41	6.07	8.03	7.6	2.868	79.5	5.3	1.2
572	7/14/2015 15:16:11	19.10	50.98	33.53	6.05	8.02	7.6	2.789	79.8	5.1	1.2
573	7/14/2015 15:31:11	19.36	51.06	33.59	6.03	8.02	7.9	2.727	79.9	5.0	1.2
574	7/14/2015 15:46:11	19.53	51.02	33.56	6.06	8.02	7.0	2.640	80.6	6.0	1.4
575	7/14/2015 16:01:10	19.72	51.00	33.55	6.09	8.02	7.0	2.598	81.2	5.5	1.3
576	7/14/2015 16:16:10	19.82	51.17	33.67	6.05	8.01	5.9	2.550	80.8	5.3	1.3
577	7/14/2015 16:31:10	19.94	51.14	33.65	6.12	8.02	5.6	2.480	82.0	6.5	1.5
578	7/14/2015 16:46:10	19.95	51.17	33.67	6.15	8.02	5.6	2.440	82.5	4.7	1.1
579	7/14/2015 17:01:10	20.10	51.14	33.64	6.13	8.02	5.4	2.419	82.4	5.9	1.4
580	7/14/2015 17:16:10	20.14	51.17	33.67	6.07	8.01	4.8	2.400	81.6	4.7	1.1
581	7/14/2015 17:31:11	19.81	51.09	33.61	6.47	8.05	5.6	2.389	86.5	5.2	1.2
582	7/14/2015 17:46:10	19.84	51.13	33.64	6.46	8.05	5.3	2.393	86.4	5.8	1.4
583	7/14/2015 18:01:10	19.86	51.18	33.68	6.43	8.04	5.9	2.439	86.0	5.8	1.4
584	7/14/2015 18:16:10	20.03	51.12	33.63	6.40	8.04	6.1	2.480	85.9	7.0	1.6
585	7/14/2015 18:31:10	20.24	51.20	33.69	6.46	8.04	5.9	2.514	87.0	7.7	1.8
586	7/14/2015 18:46:10	20.03	51.21	33.70	6.38	8.03	6.3	2.592	85.7	6.8	1.6
587	7/14/2015 19:01:11	20.00	51.09	33.61	6.47	8.04	7.3	2.676	86.8	7.0	1.7
588	7/14/2015 19:16:10	19.56	51.00	33.54	6.50	8.04	7.6	2.750	86.5	6.6	1.5
589	7/14/2015 19:31:10	19.37	50.99	33.54	6.51	8.04	7.2	2.821	86.3	7.0	1.7
590	7/14/2015 19:46:10	19.09	50.96	33.51	6.42	8.03	8.0	2.911	84.6	7.2	1.7
591	7/14/2015 20:01:11	18.55	50.88	33.46	6.40	8.02	7.9	2.999	83.5	7.0	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	Fluorescence %FS
592	7/14/2015 20:16:11	18.21	50.88	33.45	6.39	8.03	7.9	3.073	82.9	6.5	1.5
593	7/14/2015 20:31:11	17.93	50.86	33.44	6.41	8.03	8.6	3.170	82.6	6.4	1.5
594	7/14/2015 20:46:11	17.75	50.74	33.35	6.46	8.04	7.8	3.258	82.9	6.5	1.5
595	7/14/2015 21:01:11	17.37	50.73	33.34	6.53	8.05	7.2	3.354	83.2	6.3	1.5
596	7/14/2015 21:16:10	17.10	50.63	33.26	6.59	8.05	7.2	3.447	83.5	6.0	1.4
597	7/14/2015 21:31:10	16.61	50.60	33.24	6.82	8.08	6.6	3.538	85.6	6.4	1.5
598	7/14/2015 21:46:11	16.30	50.56	33.20	6.88	8.09	6.8	3.637	85.8	7.0	1.6
599	7/14/2015 22:01:11	16.11	50.54	33.18	6.98	8.10	7.3	3.715	86.7	7.1	1.7
600	7/14/2015 22:16:11	15.88	50.55	33.18	7.03	8.11	6.8	3.798	86.9	7.3	1.7
601	7/14/2015 22:31:11	15.61	50.44	33.10	7.20	8.12	4.8	3.877	88.5	7.8	1.8
602	7/14/2015 22:46:10	15.50	50.46	33.11	7.23	8.13	4.3	3.939	88.7	8.4	2.0
603	7/14/2015 23:01:11	15.49	50.40	33.06	7.26	8.13	3.2	3.990	89.1	7.4	1.7
604	7/14/2015 23:16:11	15.37	50.45	33.10	7.22	8.14	2.7	4.029	88.3	8.0	1.9
605	7/14/2015 23:31:10	15.27	50.34	33.01	7.24	8.14	1.9	4.060	88.4	8.0	1.9
606	7/14/2015 23:46:11	15.54	50.44	33.10	7.04	8.11	3.0	4.056	86.5	6.8	1.6
607	7/15/2015 00:01:11	15.63	50.43	33.09	7.03	8.11	3.2	4.027	86.4	4.1	1.0
608	7/15/2015 00:16:10	15.54	50.50	33.14	7.09	8.12	3.7	3.985	87.1	6.4	1.5
609	7/15/2015 00:31:10	15.67	50.46	33.11	6.97	8.11	4.3	3.919	85.9	6.2	1.4
610	7/15/2015 00:46:11	15.57	50.47	33.12	6.99	8.11	5.9	3.829	85.9	5.8	1.4
611	7/15/2015 01:01:11	15.66	50.61	33.22	6.98	8.11	5.6	3.724	85.9	6.1	1.4
612	7/15/2015 01:16:11	16.65	50.61	33.24	6.52	8.07	7.3	3.609	81.9	5.3	1.2
613	7/15/2015 01:31:11	17.03	50.47	33.14	6.63	8.07	9.1	3.502	83.9	6.1	1.4
614	7/15/2015 01:46:10	17.04	50.47	33.14	6.66	8.08	8.1	3.383	84.2	6.0	1.4
615	7/15/2015 02:01:11	17.19	50.66	33.28	6.59	8.06	7.6	3.255	83.6	5.9	1.4
616	7/15/2015 02:16:11	17.44	50.72	33.33	6.47	8.05	7.3	3.130	82.6	5.5	1.3
617	7/15/2015 02:31:11	17.82	50.88	33.45	6.34	8.04	7.5	3.010	81.5	5.2	1.2
618	7/15/2015 02:46:11	18.45	50.93	33.49	6.22	8.02	8.7	2.878	80.9	5.0	1.2
619	7/15/2015 03:01:10	18.64	50.96	33.51	6.13	8.01	10.9	2.740	80.1	4.7	1.1
620	7/15/2015 03:16:10	17.77	50.83	33.41	6.26	8.01	9.6	2.612	80.4	4.3	1.0
621	7/15/2015 03:31:10	17.91	50.82	33.41	6.27	8.01	9.6	2.476	80.7	4.9	1.2
622	7/15/2015 03:46:10	18.35	50.92	33.49	6.18	8.01	9.8	2.340	80.3	4.7	1.1
623	7/15/2015 04:01:10	18.36	50.98	33.53	6.17	8.01	9.8	2.194	80.3	4.7	1.1
624	7/15/2015 04:16:10	18.63	51.07	33.59	6.12	8.00	11.7	2.047	80.1	4.9	1.1
625	7/15/2015 04:31:10	18.87	51.04	33.57	6.05	7.99	11.4	1.913	79.4	4.5	1.1
626	7/15/2015 04:46:11	19.03	51.12	33.64	5.99	7.98	11.0	1.774	78.9	5.6	1.3
627	7/15/2015 05:01:11	19.24	51.06	33.59	5.96	7.97	11.0	1.620	78.7	4.5	1.1
628	7/15/2015 05:16:10	19.35	51.17	33.67	5.92	7.97	9.0	1.511	78.5	4.6	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	Fluorescence %FS
629	7/15/2015 05:31:11	19.61	51.26	33.74	5.92	7.96	7.6	1.400	78.8	4.7	1.1
630	7/15/2015 05:46:11	19.68	51.28	33.75	5.87	7.96	8.1	1.298	78.3	4.7	1.1
631	7/15/2015 06:01:11	19.65	51.30	33.76	5.82	7.95	6.7	1.251	77.6	4.9	1.2
632	7/15/2015 06:16:10	19.80	51.24	33.72	5.87	7.95	7.6	1.213	78.4	4.1	1.0
633	7/15/2015 06:31:10	19.52	51.16	33.66	5.91	7.94	7.2	1.215	78.6	4.2	1.0
634	7/15/2015 06:46:10	19.89	51.29	33.75	5.99	7.96	6.0	1.263	80.2	3.7	0.9
635	7/15/2015 07:01:10	19.79	51.30	33.76	6.02	7.95	6.3	1.342	80.5	3.8	0.9
636	7/15/2015 07:16:11	20.36	51.49	33.90	6.10	7.97	7.7	1.430	82.5	4.6	1.1
637	7/15/2015 07:31:10	20.37	51.32	33.78	6.16	7.98	7.0	1.503	83.2	3.8	0.9
638	7/15/2015 07:46:10	20.49	51.27	33.74	5.88	7.94	8.5	1.602	79.6	4.4	1.0
639	7/15/2015 08:01:10	20.56	51.27	33.74	5.78	7.92	9.2	1.695	78.4	4.5	1.1
640	7/15/2015 08:16:10	20.26	51.33	33.78	5.99	7.94	8.5	1.784	80.8	5.8	1.4
641	7/15/2015 08:31:11	20.09	51.35	33.80	6.01	7.94	7.8	1.866	80.8	5.5	1.3
642	7/15/2015 08:46:11	19.98	51.28	33.75	6.05	7.94	7.5	1.973	81.2	4.0	0.9
643	7/15/2015 09:01:10	19.95	51.21	33.70	6.10	7.95	7.4	2.074	81.8	3.7	0.9
644	7/15/2015 09:16:10	19.72	51.27	33.74	6.22	7.95	7.4	2.166	83.0	3.8	0.9
645	7/15/2015 09:31:11	19.48	51.21	33.70	6.28	7.95	7.2	2.268	83.5	4.3	1.0
646	7/15/2015 09:46:11	19.34	51.15	33.66	6.33	7.95	7.1	2.381	83.8	4.0	0.9
647	7/15/2015 10:01:11	19.18	51.14	33.65	6.34	7.95	7.9	2.476	83.8	4.2	1.0
648	7/15/2015 10:16:11	18.98	51.05	33.58	6.38	7.95	8.6	2.583	84.0	4.3	1.0
649	7/15/2015 10:31:10	18.83	51.01	33.55	6.43	7.96	10.1	2.679	84.4	4.7	1.1
650	7/15/2015 10:46:10	18.77	51.03	33.57	6.46	7.96	9.8	2.764	84.7	5.0	1.2
651	7/15/2015 11:01:10	18.52	50.95	33.51	6.53	7.96	16.4	2.861	85.1	5.0	1.2
652	7/15/2015 11:16:11	18.18	50.80	33.39	6.65	7.97	12.8	2.952	86.1	4.8	1.1
653	7/15/2015 11:31:10	17.86	50.83	33.41	6.76	7.98	10.9	3.035	86.9	5.7	1.3
654	7/15/2015 11:46:11	17.32	50.77	33.36	6.91	8.00	12.5	3.113	88.0	5.6	1.3
655	7/15/2015 12:01:10	16.88	50.67	33.29	7.08	8.02	9.9	3.189	89.3	6.4	1.5
656	7/15/2015 12:16:10	16.73	50.62	33.25	7.11	8.03	9.6	3.269	89.5	6.1	1.4
657	7/15/2015 12:31:11	16.58	50.63	33.26	7.15	8.03	9.0	3.329	89.7	5.9	1.4
658	7/15/2015 12:46:10	16.49	50.57	33.21	7.16	8.04	6.0	3.383	89.7	4.8	1.1
659	7/15/2015 13:01:10	16.46	50.57	33.21	7.16	8.04	4.6	3.419	89.6	4.5	1.1
660	7/15/2015 13:16:11	16.39	50.60	33.23	6.98	8.03	3.1	3.443	87.2	4.8	1.1
661	7/15/2015 13:31:11	16.58	50.62	33.25	7.05	8.02	5.4	3.450	88.4	5.3	1.3
662	7/15/2015 13:46:11	16.56	50.59	33.22	7.01	8.02	5.2	3.422	87.9	4.2	1.0
663	7/15/2015 14:01:11	16.48	50.60	33.23	7.02	8.03	5.1	3.378	87.9	4.0	0.9
664	7/15/2015 14:16:11	16.73	50.59	33.23	7.07	8.03	6.3	3.325	88.9	4.2	1.0
665	7/15/2015 14:31:11	17.06	50.61	33.24	7.13	8.03	7.4	3.248	90.3	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	Fluorescence %FS
666	7/15/2015 14:46:11	17.55	50.64	33.27	7.23	8.04	7.6	3.167	92.4	4.6	1.1
667	7/15/2015 15:01:11	17.79	50.58	33.23	7.23	8.04	8.4	3.072	92.8	4.8	1.1
668	7/15/2015 15:16:10	18.25	50.75	33.36	7.12	8.03	8.8	2.998	92.3	4.9	1.2
669	7/15/2015 15:31:10	18.70	50.84	33.43	7.10	8.03	7.8	2.923	92.8	5.2	1.2
670	7/15/2015 15:46:11	18.98	50.84	33.43	7.07	8.02	7.0	2.835	92.9	5.1	1.2
671	7/15/2015 16:01:10	19.39	51.01	33.55	7.02	8.02	8.1	2.753	93.1	5.5	1.3
672	7/15/2015 16:16:11	19.74	51.09	33.61	7.04	8.01	7.9	2.689	93.9	5.3	1.3
673	7/15/2015 16:31:11	19.88	51.14	33.64	7.10	8.02	7.0	2.625	95.0	5.1	1.2
674	7/15/2015 16:46:10	19.97	51.03	33.57	7.15	8.03	6.7	2.550	95.9	4.6	1.1
675	7/15/2015 17:01:10	20.10	51.10	33.61	7.17	8.03	6.7	2.490	96.3	5.2	1.2
676	7/15/2015 17:16:10	20.19	51.16	33.66	7.21	8.03	6.2	2.441	97.0	4.9	1.2
677	7/15/2015 17:31:10	20.24	51.04	33.57	7.21	8.03	5.3	2.388	97.1	5.6	1.3
678	7/15/2015 17:46:10	20.32	51.04	33.57	7.14	8.03	4.1	2.353	96.2	5.1	1.2
679	7/15/2015 18:01:10	20.34	51.17	33.67	6.95	8.02	4.5	2.334	93.7	3.9	0.9
680	7/15/2015 18:16:10	20.30	51.05	33.58	6.97	8.03	4.5	2.319	93.9	6.4	1.5
681	7/15/2015 18:31:11	20.10	51.00	33.54	7.40	8.05	5.8	2.318	99.4	5.7	1.3
682	7/15/2015 18:46:10	20.35	51.10	33.61	7.37	8.05	5.4	2.359	99.5	6.3	1.5
683	7/15/2015 19:01:10	20.42	51.02	33.56	7.35	8.05	5.9	2.382	99.3	6.4	1.5
684	7/15/2015 19:16:10	20.69	51.20	33.68	7.36	8.05	5.9	2.448	100.0	7.0	1.6
685	7/15/2015 19:31:10	20.53	51.20	33.68	7.32	8.04	6.3	2.516	99.1	7.5	1.8
686	7/15/2015 19:46:10	20.85	51.19	33.67	7.24	8.04	9.5	2.591	98.6	6.9	1.6
687	7/15/2015 20:01:10	20.30	51.12	33.63	7.24	8.03	8.4	2.662	97.6	7.0	1.7
688	7/15/2015 20:16:10	20.04	51.10	33.61	7.23	8.03	7.3	2.744	97.0	7.1	1.7
689	7/15/2015 20:31:10	19.66	51.00	33.55	7.17	8.02	8.0	2.829	95.4	6.9	1.6
690	7/15/2015 20:46:10	18.92	50.82	33.41	7.00	8.00	8.4	2.910	91.8	7.0	1.6
691	7/15/2015 21:01:11	18.62	50.89	33.46	6.92	8.00	7.9	3.005	90.3	6.7	1.6
692	7/15/2015 21:16:11	18.34	50.87	33.45	6.91	8.00	7.4	3.088	89.8	6.6	1.6
693	7/15/2015 21:31:11	18.18	50.79	33.39	6.94	8.00	8.4	3.183	89.8	6.2	1.5
694	7/15/2015 21:46:11	17.68	50.79	33.38	7.00	8.01	8.1	3.289	89.7	6.3	1.5
695	7/15/2015 22:01:11	17.33	50.72	33.33	7.04	8.01	9.0	3.378	89.7	5.8	1.4
696	7/15/2015 22:16:11	16.74	50.63	33.25	7.20	8.03	9.2	3.484	90.6	6.5	1.5
697	7/15/2015 22:31:11	16.26	50.58	33.22	7.25	8.03	8.2	3.569	90.3	7.0	1.7
698	7/15/2015 22:46:11	15.99	50.51	33.16	7.27	8.03	8.2	3.654	90.1	6.6	1.5
699	7/15/2015 23:01:11	15.59	50.49	33.13	7.35	8.04	7.1	3.737	90.4	6.0	1.4
700	7/15/2015 23:16:10	15.26	50.51	33.14	7.40	8.04	5.5	3.805	90.4	6.0	1.4
701	7/15/2015 23:31:10	15.14	50.44	33.09	7.41	8.05	5.4	3.877	90.2	5.2	1.2
702	7/15/2015 23:46:10	15.07	50.37	33.03	7.43	8.05	3.8	3.921	90.4	5.0	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	Fluorescence %FS
703	7/16/2015 00:01:11	14.92	50.44	33.08	7.37	8.05	3.3	3.962	89.4	5.7	1.3
704	7/16/2015 00:16:10	14.93	50.52	33.14	7.28	8.04	2.4	3.985	88.3	4.1	1.0
705	7/16/2015 00:31:10	15.00	50.53	33.15	7.24	8.03	3.0	3.975	87.9	3.8	0.9
706	7/16/2015 00:46:10	15.10	50.51	33.14	7.23	8.03	4.0	3.957	88.0	3.4	0.8
707	7/16/2015 01:01:11	15.25	50.54	33.16	7.20	8.03	4.3	3.907	87.9	3.2	0.7
708	7/16/2015 01:16:11	15.55	50.57	33.19	7.13	8.03	5.2	3.837	87.7	5.1	1.2
709	7/16/2015 01:31:11	15.15	50.45	33.10	7.21	8.03	5.2	3.745	87.8	4.3	1.0
710	7/16/2015 01:46:10	15.44	50.50	33.14	7.17	8.03	5.7	3.635	87.9	4.1	1.0
711	7/16/2015 02:01:10	16.56	50.66	33.28	6.90	8.02	7.5	3.548	86.5	4.3	1.0
712	7/16/2015 02:16:10	16.96	50.33	33.04	6.98	8.02	7.7	3.422	88.1	4.8	1.1
713	7/16/2015 02:31:10	16.90	50.50	33.16	6.99	8.02	8.1	3.307	88.2	4.4	1.0
714	7/16/2015 02:46:10	17.11	50.69	33.30	6.94	8.02	7.7	3.192	88.0	5.1	1.2
715	7/16/2015 03:01:11	17.53	50.74	33.34	6.85	8.01	8.2	3.062	87.5	4.4	1.0
716	7/16/2015 03:16:11	18.03	50.92	33.48	6.76	8.00	8.0	2.932	87.3	4.9	1.1
717	7/16/2015 03:31:10	18.63	50.84	33.43	6.70	8.00	8.4	2.815	87.4	5.8	1.4
718	7/16/2015 03:46:10	18.78	50.84	33.43	6.60	7.98	9.9	2.688	86.4	4.5	1.1
719	7/16/2015 04:01:11	18.32	50.90	33.47	6.60	7.98	10.0	2.537	85.7	4.6	1.1
720	7/16/2015 04:16:10	18.20	50.88	33.46	6.63	7.98	8.9	2.398	85.9	4.9	1.2
721	7/16/2015 04:31:10	18.04	50.92	33.48	6.62	7.98	10.1	2.278	85.5	4.8	1.1
722	7/16/2015 04:46:10	18.38	50.90	33.47	6.59	7.98	10.1	2.134	85.7	3.9	0.9
723	7/16/2015 05:01:11	18.56	51.02	33.56	6.59	7.98	10.4	1.977	86.0	4.5	1.1
724	7/16/2015 05:16:11	18.88	51.09	33.61	6.49	7.97	10.9	1.839	85.2	4.6	1.1
725	7/16/2015 05:31:10	19.10	51.12	33.63	6.45	7.97	9.5	1.717	85.1	4.6	1.1
726	7/16/2015 05:46:10	19.43	51.14	33.65	6.42	7.97	8.7	1.565	85.2	4.4	1.0
727	7/16/2015 06:01:10	19.52	51.20	33.69	6.39	7.96	8.7	1.443	85.0	4.3	1.0
728	7/16/2015 06:16:11	19.69	51.23	33.71	6.34	7.96	8.4	1.359	84.6	4.2	1.0
729	7/16/2015 06:31:10	19.83	51.26	33.73	6.31	7.95	9.2	1.263	84.4	3.6	0.8
730	7/16/2015 06:46:10	19.94	51.31	33.77	6.23	7.95	7.1	1.212	83.5	4.0	0.9
731	7/16/2015 07:01:11	19.99	51.37	33.82	6.16	7.95	5.9	1.206	82.7	3.5	0.8
732	7/16/2015 07:16:10	20.05	51.33	33.79	6.36	7.96	7.0	1.235	85.5	4.2	1.0
733	7/16/2015 07:31:10	19.89	51.33	33.79	6.39	7.96	6.5	1.286	85.6	4.3	1.0
734	7/16/2015 07:46:11	20.07	51.38	33.82	6.41	7.96	6.3	1.370	86.2	4.2	1.0
735	7/16/2015 08:01:11	20.38	51.44	33.86	6.50	7.98	6.1	1.479	87.9	5.1	1.2
736	7/16/2015 08:16:10	20.31	51.39	33.82	6.54	7.98	6.1	1.563	88.3	4.7	1.1
737	7/16/2015 08:31:10	20.51	51.30	33.76	6.13	7.93	8.3	1.625	83.1	5.0	1.2
738	7/16/2015 08:46:10	20.53	51.31	33.77	6.07	7.92	8.6	1.733	82.2	4.8	1.1
739	7/16/2015 09:01:11	20.33	51.33	33.79	6.22	7.94	7.9	1.811	84.1	4.9	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	Fluorescence %FS
740	7/16/2015 09:16:10	20.15	51.33	33.78	6.32	7.94	7.0	1.902	85.0	4.5	1.1
741	7/16/2015 09:31:10	20.08	51.33	33.78	6.33	7.94	7.3	2.008	85.1	5.0	1.2
742	7/16/2015 09:46:10	20.04	51.16	33.66	6.37	7.95	7.3	2.104	85.6	4.8	1.1
743	7/16/2015 10:01:10	19.69	51.21	33.70	6.45	7.95	7.2	2.204	86.1	5.0	1.2
744	7/16/2015 10:16:11	19.51	51.15	33.65	6.52	7.95	7.3	2.315	86.7	5.0	1.2
745	7/16/2015 10:31:10	19.49	51.10	33.61	6.53	7.95	7.4	2.415	86.7	5.3	1.3
746	7/16/2015 10:46:10	19.35	51.11	33.63	6.56	7.95	9.0	2.528	86.9	5.2	1.2
747	7/16/2015 11:01:10	19.14	50.97	33.52	6.58	7.95	9.4	2.648	86.8	5.2	1.2
748	7/16/2015 11:16:11	18.98	51.07	33.59	6.63	7.95	9.8	2.725	87.2	5.4	1.3
749	7/16/2015 11:31:11	18.90	51.04	33.57	6.64	7.95	11.2	2.823	87.2	4.5	1.1
750	7/16/2015 11:46:10	18.60	50.88	33.46	6.74	7.96	13.0	2.900	88.0	4.9	1.1
751	7/16/2015 12:01:10	18.29	50.89	33.46	6.81	7.96	11.2	2.988	88.4	6.1	1.4
752	7/16/2015 12:16:10	17.65	50.77	33.37	6.93	7.97	10.4	3.098	88.8	5.3	1.3
753	7/16/2015 12:31:11	17.11	50.66	33.28	7.04	7.98	9.9	3.159	89.2	6.0	1.4
754	7/16/2015 12:46:11	16.85	50.68	33.30	7.07	7.99	10.3	3.226	89.1	5.9	1.4
755	7/16/2015 13:01:11	16.66	50.64	33.26	7.10	8.00	10.4	3.302	89.2	5.8	1.4
756	7/16/2015 13:16:11	16.52	50.67	33.28	7.15	8.00	7.7	3.363	89.6	6.1	1.4
757	7/16/2015 13:31:11	16.40	50.67	33.28	7.15	8.01	5.7	3.406	89.4	5.2	1.2
758	7/16/2015 13:46:11	16.31	50.64	33.26	7.13	8.01	5.1	3.444	88.9	4.3	1.0
759	7/16/2015 14:01:11	16.28	50.64	33.25	6.82	7.99	3.5	3.458	85.1	4.1	1.0
760	7/16/2015 14:16:11	16.23	50.59	33.22	7.12	8.01	5.4	3.448	88.7	4.7	1.1
761	7/16/2015 14:31:11	16.26	50.60	33.22	7.10	8.01	4.6	3.415	88.5	4.4	1.0
762	7/16/2015 14:46:11	16.74	50.69	33.30	7.07	8.01	11.0	3.371	89.0	5.4	1.3
763	7/16/2015 15:01:11	17.17	50.59	33.23	7.00	8.00	25.1	3.307	88.8	8.5	2.0
764	7/16/2015 15:16:11	17.15	50.64	33.27	7.04	8.01	32.5	3.226	89.2	7.8	1.8
765	7/16/2015 15:31:11	17.11	50.58	33.22	7.08	8.01	33.8	3.149	89.7	9.6	2.2
766	7/16/2015 15:46:11	17.20	50.62	33.26	7.08	8.01	31.4	3.070	89.9	7.7	1.8
767	7/16/2015 16:01:11	17.33	50.65	33.28	7.05	8.01	29.5	2.978	89.8	7.2	1.7
768	7/16/2015 16:16:11	17.66	50.69	33.31	7.04	8.01	29.2	2.894	90.3	6.8	1.6
769	7/16/2015 16:31:10	18.21	50.66	33.29	6.98	8.01	30.5	2.822	90.3	7.3	1.7
770	7/16/2015 16:46:11	18.89	50.78	33.38	6.84	7.99	39.8	2.748	89.7	8.4	2.0
771	7/16/2015 17:01:10	19.11	50.74	33.35	6.80	7.99	43.2	2.674	89.6	9.4	2.2
772	7/16/2015 17:16:10	19.24	50.81	33.40	6.77	7.98	53.5	2.603	89.4	9.5	2.2
773	7/16/2015 17:31:10	19.42	50.83	33.42	6.74	7.98	48.0	2.546	89.3	9.8	2.3
774	7/16/2015 17:46:11	19.55	50.86	33.44	6.66	7.97	35.3	2.482	88.5	9.0	2.1
775	7/16/2015 18:01:10	19.74	50.84	33.43	6.66	7.97	29.5	2.414	88.8	12.8	3.0
776	7/16/2015 18:16:10	19.74	50.96	33.52	6.60	7.97	22.4	2.365	88.0	8.4	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	Fluorescence %FS
777	7/16/2015 18:31:10	19.83	51.00	33.54	6.35	7.97	20.6	2.339	84.9	8.9	2.1
778	7/16/2015 18:46:10	19.93	51.03	33.57	6.23	7.95	14.5	2.319	83.4	7.9	1.9
779	7/16/2015 19:01:10	20.15	51.04	33.57	6.49	7.96	16.0	2.287	87.3	8.9	2.1
780	7/16/2015 19:16:10	20.08	51.07	33.60	6.57	7.97	15.2	2.293	88.2	7.7	1.8
781	7/16/2015 19:31:10	20.58	51.14	33.65	6.73	7.99	17.5	2.326	91.2	8.6	2.0
782	7/16/2015 19:46:10	20.50	50.98	33.53	6.75	7.99	18.0	2.356	91.3	8.5	2.0
783	7/16/2015 20:01:10	20.94	51.22	33.70	6.82	8.01	25.2	2.407	93.1	9.5	2.2
784	7/16/2015 20:16:10	20.79	51.20	33.68	6.84	8.00	26.1	2.472	93.1	10.8	2.6
785	7/16/2015 20:31:10	20.96	51.23	33.71	6.83	8.00	31.7	2.542	93.3	9.3	2.2
786	7/16/2015 20:46:11	20.46	51.10	33.62	6.86	7.99	29.2	2.624	92.8	10.1	2.4
787	7/16/2015 21:01:11	19.96	51.02	33.55	6.89	7.98	25.1	2.711	92.3	12.3	2.9
788	7/16/2015 21:16:10	19.73	50.97	33.52	6.89	7.98	36.0	2.791	91.8	10.1	2.4
789	7/16/2015 21:31:10	19.10	50.84	33.42	6.90	7.97	39.1	2.878	90.9	10.3	2.4
790	7/16/2015 21:46:11	18.61	50.86	33.44	6.92	7.97	28.9	2.955	90.4	8.9	2.1
791	7/16/2015 22:01:11	18.29	50.78	33.38	6.94	7.98	20.8	3.046	90.0	8.2	1.9
792	7/16/2015 22:16:11	18.04	50.76	33.37	6.95	7.98	19.5	3.137	89.7	8.4	2.0
793	7/16/2015 22:31:11	17.72	50.64	33.27	6.94	7.98	16.9	3.230	89.0	11.2	2.6
794	7/16/2015 22:46:10	17.20	50.65	33.28	6.98	7.98	17.5	3.321	88.7	7.5	1.8
795	7/16/2015 23:01:10	16.90	50.64	33.27	7.05	7.99	16.7	3.408	89.0	7.6	1.8
796	7/16/2015 23:16:11	16.32	50.60	33.23	7.20	8.00	16.1	3.500	89.8	8.0	1.9
797	7/16/2015 23:31:10	15.93	50.51	33.15	7.24	8.00	15.6	3.581	89.7	6.4	1.5
798	7/16/2015 23:46:10	15.69	50.48	33.13	7.28	8.01	11.4	3.652	89.7	6.1	1.4
799	7/17/2015 00:01:11	15.23	50.55	33.17	7.31	8.01	7.8	3.728	89.2	6.4	1.5
800	7/17/2015 00:16:11	15.01	50.53	33.15	7.37	8.01	6.3	3.791	89.5	4.9	1.2
801	7/17/2015 00:31:11	14.94	50.48	33.11	7.33	8.00	4.9	3.841	89.0	5.4	1.3
802	7/17/2015 00:46:10	14.85	50.44	33.08	7.25	7.99	4.3	3.859	87.8	4.7	1.1
803	7/17/2015 01:01:11	14.78	50.54	33.15	6.76	7.96	21.1	3.883	81.7	4.2	1.0
804	7/17/2015 01:16:10	15.05	50.55	33.17	7.10	8.00	10.6	3.883	86.3	4.2	1.0
805	7/17/2015 01:31:11	14.87	50.55	33.16	7.19	8.00	9.9	3.825	87.2	4.3	1.0
806	7/17/2015 01:46:11	15.29	50.49	33.12	7.15	8.01	26.2	3.795	87.3	4.6	1.1
807	7/17/2015 02:01:11	15.54	50.55	33.17	7.13	8.00	20.9	3.724	87.6	4.8	1.1
808	7/17/2015 02:16:11	15.45	50.37	33.04	7.16	8.00	15.7	3.632	87.8	5.6	1.3
809	7/17/2015 02:31:10	15.80	50.38	33.06	7.08	8.00	13.8	3.536	87.3	4.6	1.1
810	7/17/2015 02:46:11	16.57	50.62	33.25	6.86	7.99	12.9	3.441	86.0	4.9	1.2
811	7/17/2015 03:01:11	16.93	50.62	33.25	6.87	7.99	17.9	3.338	86.8	5.2	1.2
812	7/17/2015 03:16:10	16.92	50.54	33.19	6.92	7.99	21.1	3.232	87.3	8.5	2.0
813	7/17/2015 03:31:10	17.22	50.65	33.28	6.83	7.98	17.1	3.107	86.8	6.0	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	Fluorescence %FS
814	7/17/2015 03:46:11	17.73	50.73	33.34	6.64	7.97	33.7	2.989	85.2	6.0	1.4
815	7/17/2015 04:01:10	18.24	50.82	33.41	6.45	7.96	25.8	2.874	83.6	6.2	1.5
816	7/17/2015 04:16:10	18.81	51.02	33.56	6.22	7.94	23.9	2.739	81.5	6.1	1.4
817	7/17/2015 04:31:10	18.84	50.95	33.51	6.22	7.93	20.0	2.617	81.5	6.9	1.6
818	7/17/2015 04:46:11	18.73	51.01	33.55	6.40	7.94	22.8	2.502	83.8	6.4	1.5
819	7/17/2015 05:01:11	18.39	51.00	33.54	6.43	7.94	20.4	2.370	83.7	5.8	1.4
820	7/17/2015 05:16:11	18.43	50.95	33.51	6.44	7.94	21.7	2.229	83.8	6.8	1.6
821	7/17/2015 05:31:10	18.40	51.01	33.55	6.42	7.94	23.7	2.099	83.5	6.8	1.6
822	7/17/2015 05:46:10	18.43	51.03	33.56	6.36	7.93	20.6	1.958	82.9	5.2	1.2
823	7/17/2015 06:01:11	18.84	51.04	33.57	6.28	7.93	21.3	1.825	82.4	5.7	1.3
824	7/17/2015 06:16:10	19.12	51.11	33.63	6.25	7.92	21.2	1.691	82.5	5.5	1.3
825	7/17/2015 06:31:10	19.35	51.15	33.65	6.18	7.92	19.4	1.578	81.9	5.0	1.2
826	7/17/2015 06:46:11	19.56	51.18	33.68	6.13	7.91	16.8	1.485	81.6	5.0	1.2
827	7/17/2015 07:01:10	19.66	51.23	33.71	6.10	7.91	17.5	1.377	81.3	5.0	1.2
828	7/17/2015 07:16:10	19.77	51.30	33.77	6.04	7.91	14.9	1.320	80.8	5.0	1.2
829	7/17/2015 07:31:10	19.91	51.31	33.77	6.00	7.90	9.8	1.268	80.4	4.6	1.1
830	7/17/2015 07:46:11	19.94	51.28	33.75	6.06	7.90	9.4	1.297	81.3	5.1	1.2
831	7/17/2015 08:01:11	19.85	51.25	33.73	6.17	7.91	9.9	1.302	82.5	5.4	1.3
832	7/17/2015 08:16:10	19.92	51.27	33.74	6.17	7.91	9.8	1.363	82.7	4.7	1.1
833	7/17/2015 08:31:10	20.37	51.41	33.85	6.15	7.92	9.9	1.456	83.2	5.0	1.2
834	7/17/2015 08:46:10	20.45	51.40	33.83	6.22	7.93	9.6	1.539	84.2	5.5	1.3
835	7/17/2015 09:01:10	20.32	51.33	33.79	6.24	7.92	9.8	1.626	84.2	5.7	1.3
836	7/17/2015 09:16:10	20.28	51.27	33.74	6.15	7.91	10.5	1.724	83.0	5.4	1.3
837	7/17/2015 09:31:10	20.25	51.26	33.74	6.15	7.90	10.9	1.818	82.9	5.6	1.3
838	7/17/2015 09:46:10	20.01	51.24	33.72	6.23	7.91	10.6	1.912	83.6	5.5	1.3
839	7/17/2015 10:01:11	19.91	51.24	33.72	6.27	7.91	9.5	2.018	83.9	5.0	1.2
840	7/17/2015 10:16:11	19.89	51.24	33.72	6.26	7.91	9.9	2.111	83.8	5.2	1.2
841	7/17/2015 10:31:10	19.70	51.25	33.73	6.27	7.91	10.7	2.217	83.7	5.0	1.2
842	7/17/2015 10:46:10	19.50	51.12	33.63	6.42	7.91	10.9	2.318	85.3	6.1	1.4
843	7/17/2015 11:01:10	19.34	51.05	33.58	6.51	7.92	11.7	2.415	86.2	6.5	1.5
844	7/17/2015 11:16:10	19.20	51.03	33.56	6.56	7.92	13.9	2.515	86.7	6.1	1.4
845	7/17/2015 11:31:10	19.00	50.99	33.53	6.59	7.92	15.6	2.616	86.8	5.1	1.2
846	7/17/2015 11:46:10	18.83	50.95	33.51	6.68	7.92	14.8	2.709	87.6	5.7	1.3
847	7/17/2015 12:01:10	18.73	50.94	33.50	6.74	7.93	14.9	2.805	88.2	5.4	1.3
848	7/17/2015 12:16:11	18.34	50.88	33.46	6.89	7.94	17.3	2.885	89.5	5.5	1.3
849	7/17/2015 12:31:11	17.97	50.85	33.43	7.01	7.94	16.4	2.985	90.4	5.5	1.3
850	7/17/2015 12:46:11	17.50	50.70	33.32	7.14	7.95	14.9	3.067	91.3	6.0	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	Fluorescence %FS
851	7/17/2015 13:01:10	16.95	50.65	33.27	7.29	7.96	13.7	3.153	92.2	5.9	1.4
852	7/17/2015 13:16:10	16.67	50.62	33.25	7.37	7.96	15.1	3.242	92.6	7.2	1.7
853	7/17/2015 13:31:10	16.47	50.58	33.22	7.41	7.97	14.6	3.313	92.8	8.7	2.0
854	7/17/2015 13:46:11	16.25	50.66	33.27	7.46	7.97	12.5	3.381	93.1	6.9	1.6
855	7/17/2015 14:01:11	16.01	50.58	33.21	7.50	7.97	11.8	3.432	93.0	6.9	1.6
856	7/17/2015 14:16:11	15.79	50.67	33.27	7.48	7.97	6.8	3.487	92.4	5.8	1.4
857	7/17/2015 14:31:11	15.61	50.62	33.23	7.44	7.96	4.0	3.498	91.5	6.1	1.4
858	7/17/2015 14:46:11	15.69	50.59	33.21	7.28	7.96	5.3	3.511	89.7	6.9	1.6
859	7/17/2015 15:01:11	15.69	50.56	33.19	7.36	7.96	5.9	3.494	90.7	4.7	1.1
860	7/17/2015 15:16:11	15.78	50.66	33.26	7.40	7.97	7.9	3.447	91.4	4.9	1.2
861	7/17/2015 15:31:11	16.10	50.66	33.27	7.36	7.97	7.9	3.387	91.5	5.0	1.2
862	7/17/2015 15:46:10	17.00	50.62	33.25	7.57	8.00	11.0	3.322	95.7	5.6	1.3
863	7/17/2015 16:01:11	16.99	50.65	33.28	7.69	8.00	9.6	3.252	97.2	5.8	1.4
864	7/17/2015 16:16:11	17.74	50.64	33.27	7.65	8.00	11.2	3.159	98.1	5.8	1.4
865	7/17/2015 16:31:10	18.68	50.62	33.26	7.64	8.01	12.1	3.061	99.8	6.5	1.5
866	7/17/2015 16:46:10	18.76	50.69	33.32	7.64	8.01	13.2	2.994	99.9	6.7	1.6
867	7/17/2015 17:01:11	18.96	50.91	33.48	7.58	8.00	10.7	2.902	99.6	6.9	1.6
868	7/17/2015 17:16:10	19.48	50.95	33.51	7.59	8.01	10.5	2.824	100.7	6.8	1.6
869	7/17/2015 17:31:11	19.62	50.98	33.53	7.55	8.00	11.9	2.755	100.5	7.0	1.6
870	7/17/2015 17:46:11	19.62	50.97	33.52	7.75	8.01	10.7	2.682	103.2	7.1	1.7
871	7/17/2015 18:01:10	19.55	50.93	33.49	7.91	8.03	10.3	2.613	105.1	7.2	1.7
872	7/17/2015 18:16:10	19.27	50.90	33.47	8.00	8.03	9.0	2.554	105.7	6.7	1.6
873	7/17/2015 18:31:11	19.50	50.99	33.54	7.92	8.03	8.2	2.502	105.2	6.4	1.5
874	7/17/2015 18:46:10	19.55	50.88	33.46	7.91	8.03	8.7	2.441	105.1	7.4	1.7
875	7/17/2015 19:01:10	19.84	51.07	33.60	7.82	8.03	8.0	2.391	104.6	7.2	1.7
876	7/17/2015 19:16:10	20.13	51.02	33.56	7.83	8.03	7.7	2.375	105.3	7.9	1.9
877	7/17/2015 19:31:10	20.49	51.10	33.61	7.76	8.03	6.9	2.335	105.0	8.1	1.9
878	7/17/2015 19:46:10	20.65	51.13	33.64	7.65	8.02	7.1	2.328	103.8	8.2	1.9
879	7/17/2015 20:01:10	20.88	51.13	33.64	7.75	8.03	8.1	2.347	105.6	8.2	1.9
880	7/17/2015 20:16:10	20.86	51.28	33.75	7.79	8.04	7.3	2.371	106.2	8.2	1.9
881	7/17/2015 20:31:10	20.65	51.21	33.69	7.68	8.03	8.0	2.410	104.3	8.1	1.9
882	7/17/2015 20:46:10	20.68	51.16	33.65	7.65	8.02	8.1	2.470	103.8	8.6	2.0
883	7/17/2015 21:01:10	20.62	51.13	33.63	7.56	8.01	9.8	2.533	102.5	8.3	1.9
884	7/17/2015 21:16:10	20.59	51.10	33.61	7.46	8.00	9.6	2.602	101.2	8.2	1.9
885	7/17/2015 21:31:10	20.20	50.99	33.53	7.52	8.00	9.8	2.692	101.1	8.4	2.0
886	7/17/2015 21:46:11	19.94	50.98	33.52	7.52	8.00	9.1	2.767	100.7	8.1	1.9
887	7/17/2015 22:01:10	19.18	50.89	33.46	7.48	7.99	11.0	2.838	98.7	8.4	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	Fluorescence %FS
888	7/17/2015 22:16:11	18.62	50.79	33.39	7.38	7.97	8.7	2.930	96.3	8.1	1.9
889	7/17/2015 22:31:10	18.35	50.84	33.42	7.29	7.97	8.9	3.012	94.7	7.9	1.9
890	7/17/2015 22:46:11	18.14	50.84	33.42	7.30	7.97	8.5	3.092	94.5	7.3	1.7
891	7/17/2015 23:01:11	17.82	50.81	33.40	7.33	7.97	20.0	3.174	94.3	7.4	1.7
892	7/17/2015 23:16:10	17.25	50.71	33.32	7.39	7.97	10.1	3.270	93.9	7.2	1.7
893	7/17/2015 23:31:10	16.89	50.69	33.31	7.44	7.97	9.9	3.358	93.9	7.2	1.7
894	7/17/2015 23:46:11	16.28	50.63	33.25	7.55	7.98	10.6	3.434	94.1	7.4	1.7
895	7/18/2015 00:01:11	15.75	50.59	33.21	7.61	7.98	9.0	3.516	93.9	7.5	1.8
896	7/18/2015 00:16:11	15.39	50.61	33.21	7.65	7.98	8.9	3.605	93.8	7.3	1.7
897	7/18/2015 00:31:11	14.98	50.56	33.17	7.77	7.99	14.1	3.671	94.4	13.5	3.2
898	7/18/2015 00:46:11	14.95	50.60	33.20	7.75	7.99	9.5	3.718	94.1	7.6	1.8
899	7/18/2015 01:01:10	14.68	50.54	33.15	7.82	7.99	6.1	3.784	94.4	7.3	1.7
900	7/18/2015 01:16:10	14.42	50.51	33.12	7.87	7.99	6.9	3.819	94.6	8.8	2.1
901	7/18/2015 01:31:10	14.40	50.60	33.19	7.83	7.99	5.0	3.836	94.1	7.8	1.8
902	7/18/2015 01:46:10	14.39	50.49	33.11	7.65	7.98	8.9	3.843	91.9	7.0	1.6
903	7/18/2015 02:01:11	14.45	50.53	33.14	7.58	7.97	12.0	3.836	91.1	5.6	1.3
904	7/18/2015 02:16:11	14.44	50.58	33.17	7.67	7.98	6.1	3.806	92.2	5.2	1.2
905	7/18/2015 02:31:11	14.74	50.59	33.18	7.59	7.98	14.6	3.755	91.8	5.0	1.2
906	7/18/2015 02:46:11	15.18	50.57	33.19	7.52	7.98	25.3	3.690	91.7	5.5	1.3
907	7/18/2015 03:01:11	15.52	50.47	33.12	7.50	7.98	13.5	3.589	92.1	6.5	1.5
908	7/18/2015 03:16:11	15.58	50.51	33.15	7.51	7.98	9.1	3.505	92.3	6.3	1.5
909	7/18/2015 03:31:11	16.86	50.64	33.26	7.23	7.97	9.5	3.412	91.2	5.9	1.4
910	7/18/2015 03:46:11	16.80	50.62	33.25	7.32	7.98	10.9	3.292	92.2	6.0	1.4
911	7/18/2015 04:01:10	16.87	50.70	33.31	7.35	7.97	9.7	3.189	92.8	6.4	1.5
912	7/18/2015 04:16:11	17.23	50.80	33.38	7.23	7.97	11.0	3.067	91.9	5.9	1.4
913	7/18/2015 04:31:11	17.44	50.80	33.39	7.15	7.96	22.0	2.957	91.2	6.3	1.5
914	7/18/2015 04:46:10	18.11	50.86	33.43	6.95	7.95	11.1	2.851	89.9	5.9	1.4
915	7/18/2015 05:01:10	18.65	50.99	33.54	6.76	7.94	21.5	2.718	88.4	6.1	1.4
916	7/18/2015 05:16:10	18.80	50.97	33.52	6.73	7.94	21.7	2.627	88.2	6.7	1.6
917	7/18/2015 05:31:10	18.44	50.91	33.48	6.74	7.93	12.7	2.485	87.8	6.0	1.4
918	7/18/2015 05:46:10	18.60	50.99	33.54	6.83	7.94	14.9	2.364	89.3	6.2	1.4
919	7/18/2015 06:01:10	17.70	50.82	33.41	6.77	7.93	14.5	2.258	86.8	5.1	1.2
920	7/18/2015 06:16:10	18.30	50.90	33.47	6.72	7.93	12.1	2.107	87.2	5.4	1.3
921	7/18/2015 06:31:10	18.45	50.98	33.53	6.67	7.93	12.0	1.986	86.8	5.5	1.3
922	7/18/2015 06:46:11	18.65	51.01	33.55	6.62	7.93	11.2	1.864	86.6	5.5	1.3
923	7/18/2015 07:01:10	18.74	51.02	33.56	6.54	7.92	10.3	1.770	85.6	5.2	1.2
924	7/18/2015 07:16:11	18.91	51.06	33.59	6.48	7.91	10.4	1.650	85.2	5.1	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	Fluorescence %FS
925	7/18/2015 07:31:10	19.26	51.07	33.60	6.44	7.92	10.7	1.571	85.2	5.1	1.2
926	7/18/2015 07:46:10	19.48	51.10	33.62	6.33	7.91	6.9	1.515	84.1	4.7	1.1
927	7/18/2015 08:01:10	19.47	51.19	33.69	6.23	7.90	5.6	1.472	82.7	4.1	1.0
928	7/18/2015 08:16:10	19.44	51.12	33.63	6.24	7.90	5.9	1.457	82.9	4.7	1.1
929	7/18/2015 08:31:10	19.42	51.15	33.65	6.46	7.91	6.0	1.462	85.7	5.3	1.2
930	7/18/2015 08:46:10	19.65	51.17	33.67	6.53	7.93	6.5	1.511	87.1	5.9	1.4
931	7/18/2015 09:01:10	19.86	51.20	33.69	6.50	7.93	6.7	1.588	87.0	5.2	1.2
932	7/18/2015 09:16:10	20.28	51.40	33.83	6.53	7.94	9.3	1.649	88.2	5.6	1.3
933	7/18/2015 09:31:10	20.10	51.20	33.69	6.58	7.94	36.5	1.740	88.5	5.8	1.4
934	7/18/2015 09:46:10	19.99	51.26	33.74	6.56	7.93	16.6	1.835	87.9	5.8	1.4
935	7/18/2015 10:01:10	20.01	51.27	33.74	6.58	7.93	24.9	1.925	88.3	6.7	1.6
936	7/18/2015 10:16:10	19.83	51.20	33.69	6.63	7.93	8.5	2.021	88.6	6.5	1.5
937	7/18/2015 10:31:10	19.75	51.23	33.71	6.61	7.93	7.8	2.103	88.3	6.0	1.4
938	7/18/2015 10:46:10	19.77	51.23	33.71	6.55	7.92	7.9	2.219	87.6	5.7	1.3
939	7/18/2015 11:01:10	19.58	51.14	33.65	6.54	7.92	8.4	2.317	87.0	5.5	1.3
940	7/18/2015 11:16:11	19.33	51.14	33.65	6.60	7.92	9.2	2.400	87.5	6.2	1.5
941	7/18/2015 11:31:10	19.21	51.07	33.59	6.61	7.92	13.9	2.500	87.4	6.2	1.5
942	7/18/2015 11:46:10	19.10	50.95	33.51	6.69	7.92	15.9	2.602	88.1	6.6	1.5
943	7/18/2015 12:01:10	18.88	51.02	33.56	6.75	7.92	11.0	2.699	88.6	6.2	1.5
944	7/18/2015 12:16:11	18.64	50.91	33.48	6.80	7.93	11.9	2.779	88.8	6.2	1.4
945	7/18/2015 12:31:11	18.52	50.93	33.49	6.85	7.93	11.2	2.879	89.3	5.9	1.4
946	7/18/2015 12:46:10	18.35	50.93	33.49	6.87	7.93	14.5	2.974	89.3	6.3	1.5
947	7/18/2015 13:01:10	17.91	50.81	33.40	7.06	7.94	14.1	3.064	90.9	6.4	1.5
948	7/18/2015 13:16:11	17.52	50.82	33.41	7.16	7.94	13.4	3.161	91.6	6.4	1.5
949	7/18/2015 13:31:10	16.80	50.70	33.31	7.30	7.95	13.0	3.236	91.9	6.7	1.6
950	7/18/2015 13:46:11	16.24	50.73	33.32	7.40	7.95	13.3	3.332	92.2	7.0	1.6
951	7/18/2015 14:01:11	15.94	50.68	33.28	7.47	7.96	12.0	3.407	92.5	7.3	1.7
952	7/18/2015 14:16:10	15.75	50.58	33.21	7.50	7.96	10.1	3.477	92.6	7.4	1.7
953	7/18/2015 14:31:11	15.60	50.59	33.21	7.53	7.97	9.5	3.539	92.7	6.3	1.5
954	7/18/2015 14:46:11	15.43	50.64	33.24	7.60	7.97	86.9	3.581	93.3	7.2	1.7
955	7/18/2015 15:01:10	15.32	50.58	33.19	7.61	7.97	25.0	3.612	93.1	6.6	1.6
956	7/18/2015 15:16:11	15.38	50.55	33.17	7.50	7.96	9.7	3.618	91.8	7.2	1.7
957	7/18/2015 15:31:11	15.42	50.63	33.24	7.45	7.96	13.1	3.610	91.3	5.6	1.3
958	7/18/2015 15:46:11	15.40	50.63	33.23	7.43	7.96	12.6	3.570	91.1	6.7	1.6
959	7/18/2015 16:01:11	15.73	50.61	33.22	7.43	7.97	30.8	3.505	91.6	5.4	1.3
960	7/18/2015 16:16:11	16.84	50.67	33.28	7.65	7.99	208.9	3.419	96.4	6.8	1.6
961	7/18/2015 16:31:10	16.54	50.24	32.97	7.81	8.00	45.3	3.349	97.7	6.5	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	Fluorescence %FS
962	7/18/2015 16:46:10	17.98	50.55	33.21	7.65	8.00	77.6	3.265	98.6	8.0	1.9
963	7/18/2015 17:01:11	18.23	50.57	33.23	7.74	8.01	72.5	3.174	100.1	8.1	1.9
964	7/18/2015 17:16:11	18.57	50.76	33.37	7.71	8.01	71.4	3.090	100.6	9.0	2.1
965	7/18/2015 17:31:11	18.72	50.82	33.41	7.71	8.01	141.7	3.000	100.8	8.1	1.9
966	7/18/2015 17:46:10	19.08	50.88	33.45	7.70	8.01	195.3	2.933	101.5	7.8	1.8
967	7/18/2015 18:01:10	19.46	50.87	33.45	7.65	8.01	39.4	2.850	101.4	8.4	2.0
968	7/18/2015 18:16:10	19.75	50.94	33.50	7.66	8.01	54.9	2.774	102.2	8.4	2.0
969	7/18/2015 18:31:10	19.83	51.01	33.55	7.62	8.01	41.0	2.702	101.9	8.7	2.0
970	7/18/2015 18:46:10	20.02	50.97	33.52	7.64	8.01	50.4	2.649	102.4	8.1	1.9
971	7/18/2015 19:01:10	20.08	51.04	33.57	7.64	8.02	58.8	2.581	102.6	7.8	1.8
972	7/18/2015 19:16:11	20.17	50.94	33.50	7.77	8.03	62.5	2.524	104.5	8.2	1.9
973	7/18/2015 19:31:10	20.03	50.97	33.52	7.96	8.04	22.5	2.484	106.7	8.5	2.0
974	7/18/2015 19:46:10	20.02	50.91	33.48	8.01	8.05	323.3	2.440	107.3	8.8	2.1
975	7/18/2015 20:01:10	20.36	51.11	33.63	7.79	8.03	176.1	2.403	105.1	8.8	2.1
976	7/18/2015 20:16:10	20.46	51.03	33.56	7.75	8.03	127.4	2.392	104.7	9.0	2.1
977	7/18/2015 20:31:10	20.78	51.12	33.63	7.51	8.02	8.2	2.387	102.2	9.3	2.2
978	7/18/2015 20:46:10	21.03	51.31	33.76	7.53	8.01	10.5	2.394	103.0	8.9	2.1
979	7/18/2015 21:01:10	20.79	51.16	33.66	7.63	8.02	9.4	2.422	103.8	8.5	2.0
980	7/18/2015 21:16:09	20.76	51.20	33.68	7.57	8.01	10.3	2.475	102.9	8.3	1.9
981	7/18/2015 21:31:10	20.75	51.23	33.71	7.55	8.01	9.2	2.522	102.6	8.9	2.1
982	7/18/2015 21:46:10	20.79	51.20	33.69	7.45	8.00	9.3	2.585	101.4	8.6	2.0
983	7/18/2015 22:01:10	20.96	51.21	33.69	7.35	7.98	11.4	2.662	100.3	9.0	2.1
984	7/18/2015 22:16:10	20.46	51.12	33.63	7.46	7.99	9.8	2.737	100.9	8.7	2.0
985	7/18/2015 22:31:10	20.16	51.10	33.62	7.52	7.99	10.0	2.806	101.1	8.3	2.0
986	7/18/2015 22:46:11	19.52	50.98	33.53	7.54	7.98	11.4	2.889	100.2	9.1	2.2
987	7/18/2015 23:01:11	18.53	50.85	33.44	7.50	7.97	10.3	2.965	97.8	9.1	2.2
988	7/18/2015 23:16:10	18.26	50.77	33.37	7.46	7.97	9.4	3.046	96.7	9.3	2.2
989	7/18/2015 23:31:10	17.98	50.84	33.42	7.47	7.97	8.9	3.117	96.4	9.6	2.3
990	7/18/2015 23:46:10	17.96	50.79	33.39	7.46	7.97	8.3	3.202	96.1	8.9	2.1
991	7/19/2015 00:01:11	17.63	50.81	33.40	7.52	7.97	8.5	3.281	96.4	9.1	2.1
992	7/19/2015 00:16:11	17.23	50.74	33.34	7.57	7.97	8.5	3.356	96.2	7.6	1.8
993	7/19/2015 00:31:11	16.90	50.72	33.33	7.60	7.97	9.9	3.427	96.0	8.5	2.0
994	7/19/2015 00:46:10	16.47	50.66	33.27	7.68	7.98	9.3	3.499	96.2	7.9	1.8
995	7/19/2015 01:01:10	16.04	50.65	33.26	7.75	7.98	9.1	3.573	96.2	7.5	1.8
996	7/19/2015 01:16:10	15.69	50.62	33.23	7.79	7.98	8.1	3.626	96.0	7.6	1.8
997	7/19/2015 01:31:10	15.47	50.64	33.24	7.82	7.98	7.4	3.681	96.0	7.6	1.8
998	7/19/2015 01:46:10	15.33	50.60	33.21	7.88	7.99	5.0	3.716	96.4	6.7	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	Fluorescence %FS
999	7/19/2015 02:01:10	15.21	50.48	33.12	7.87	7.98	5.4	3.748	96.1	6.9	1.6
1000	7/19/2015 02:16:10	15.16	50.57	33.18	7.65	7.97	3.3	3.759	93.2	6.4	1.5
1001	7/19/2015 02:31:10	15.31	50.49	33.13	7.55	7.97	4.8	3.769	92.3	5.3	1.3
1002	7/19/2015 02:46:11	15.23	50.55	33.17	7.60	7.97	4.9	3.730	92.8	4.6	1.1
1003	7/19/2015 03:01:10	15.45	50.57	33.19	7.53	7.97	5.0	3.693	92.3	5.1	1.2
1004	7/19/2015 03:16:10	16.10	50.63	33.25	7.42	7.97	7.0	3.628	92.2	6.0	1.4
1005	7/19/2015 03:31:11	16.13	50.67	33.27	7.46	7.97	10.6	3.563	92.8	7.0	1.6
1006	7/19/2015 03:46:11	16.24	50.64	33.25	7.45	7.97	8.6	3.485	92.9	6.0	1.4
1007	7/19/2015 04:01:11	16.73	50.73	33.33	7.31	7.97	10.3	3.391	92.0	6.0	1.4
1008	7/19/2015 04:16:10	17.38	50.83	33.41	7.24	7.97	11.0	3.282	92.4	6.8	1.6
1009	7/19/2015 04:31:11	17.54	50.86	33.43	7.25	7.97	10.1	3.192	92.8	6.7	1.6
1010	7/19/2015 04:46:11	17.91	50.90	33.46	7.13	7.96	10.2	3.081	91.8	9.2	2.2
1011	7/19/2015 05:01:11	18.00	50.92	33.48	7.07	7.96	10.3	2.981	91.3	6.9	1.6
1012	7/19/2015 05:16:10	18.66	50.99	33.53	6.94	7.95	11.5	2.878	90.7	7.9	1.9
1013	7/19/2015 05:31:11	19.02	51.08	33.60	6.79	7.94	11.7	2.767	89.4	6.9	1.6
1014	7/19/2015 05:46:10	19.13	51.04	33.57	6.78	7.94	12.0	2.665	89.5	10.9	2.6
1015	7/19/2015 06:01:10	19.23	51.06	33.59	6.78	7.94	11.4	2.551	89.6	7.0	1.6
1016	7/19/2015 06:16:10	19.02	51.08	33.60	6.72	7.93	13.1	2.423	88.5	6.4	1.5
1017	7/19/2015 06:31:10	18.83	51.06	33.59	6.67	7.92	12.9	2.323	87.5	6.2	1.5
1018	7/19/2015 06:46:11	18.96	51.13	33.64	6.79	7.93	13.1	2.200	89.4	6.0	1.4
1019	7/19/2015 07:01:11	18.86	51.12	33.63	6.68	7.92	12.4	2.082	87.7	5.7	1.3
1020	7/19/2015 07:16:11	19.01	51.11	33.62	6.62	7.92	11.8	1.963	87.2	5.9	1.4
1021	7/19/2015 07:31:11	19.23	51.16	33.66	6.62	7.92	13.1	1.870	87.6	5.5	1.3
1022	7/19/2015 07:46:11	19.36	51.21	33.70	6.62	7.92	14.6	1.782	87.7	5.7	1.3
1023	7/19/2015 08:01:10	19.43	51.11	33.62	6.56	7.92	14.0	1.680	87.1	5.8	1.4
1024	7/19/2015 08:16:10	19.66	51.26	33.74	6.56	7.92	12.0	1.626	87.5	5.2	1.2
1025	7/19/2015 08:31:10	19.66	51.23	33.71	6.52	7.92	16.9	1.594	87.0	5.4	1.3
1026	7/19/2015 08:46:10	19.94	51.24	33.72	6.54	7.93	7.4	1.595	87.7	5.5	1.3
1027	7/19/2015 09:01:11	19.72	51.32	33.78	6.66	7.92	10.9	1.574	88.9	7.2	1.7
1028	7/19/2015 09:16:10	19.93	51.33	33.78	6.67	7.94	11.4	1.633	89.4	6.9	1.6
1029	7/19/2015 09:31:10	20.02	51.26	33.73	6.64	7.94	7.3	1.695	89.1	6.4	1.5
1030	7/19/2015 09:46:10	20.26	51.37	33.81	6.62	7.94	7.1	1.753	89.3	6.0	1.4
1031	7/19/2015 10:01:09	20.25	51.33	33.78	6.64	7.94	7.8	1.844	89.6	6.7	1.6
1032	7/19/2015 10:16:10	20.13	51.35	33.80	6.64	7.94	7.8	1.931	89.4	6.0	1.4
1033	7/19/2015 10:31:10	20.00	51.31	33.77	6.63	7.93	7.9	2.021	89.0	6.2	1.5
1034	7/19/2015 10:46:10	19.91	51.25	33.72	6.71	7.94	9.0	2.106	89.8	6.6	1.5
1035	7/19/2015 11:01:09	19.86	51.19	33.68	6.74	7.93	7.1	2.189	90.2	6.6	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	Fluorescence %FS
1036	7/19/2015 11:16:10	19.92	51.29	33.76	6.66	7.93	7.9	2.286	89.3	6.4	1.5
1037	7/19/2015 11:31:10	19.86	51.33	33.79	6.51	7.92	8.9	2.383	87.2	6.3	1.5
1038	7/19/2015 11:46:10	19.41	51.19	33.69	6.78	7.93	8.4	2.483	89.9	6.7	1.6
1039	7/19/2015 12:01:10	19.26	51.16	33.67	6.81	7.93	9.3	2.557	90.1	7.0	1.7
1040	7/19/2015 12:16:10	19.21	51.07	33.60	6.89	7.93	10.0	2.658	91.0	7.1	1.7
1041	7/19/2015 12:31:10	19.10	51.02	33.56	7.03	7.94	10.4	2.761	92.7	8.2	1.9
1042	7/19/2015 12:46:10	18.88	51.07	33.59	7.06	7.94	10.9	2.832	92.7	7.7	1.8
1043	7/19/2015 13:01:10	18.71	51.03	33.57	7.10	7.94	11.3	2.922	93.0	7.5	1.8
1044	7/19/2015 13:16:10	18.59	50.98	33.53	7.13	7.94	11.4	3.009	93.1	7.5	1.8
1045	7/19/2015 13:31:11	18.18	50.92	33.48	7.29	7.95	13.6	3.098	94.5	8.5	2.0
1046	7/19/2015 13:46:10	17.90	50.89	33.46	7.39	7.96	13.8	3.170	95.2	7.8	1.8
1047	7/19/2015 14:01:11	17.44	50.89	33.45	7.56	7.96	13.2	3.255	96.5	8.1	1.9
1048	7/19/2015 14:16:11	16.94	50.79	33.38	7.69	7.97	12.5	3.345	97.2	8.3	1.9
1049	7/19/2015 14:31:11	16.54	50.71	33.31	7.87	7.98	10.1	3.414	98.7	9.2	2.2
1050	7/19/2015 14:46:11	16.31	50.75	33.34	7.95	7.99	9.0	3.473	99.2	9.1	2.1
1051	7/19/2015 15:01:11	16.18	50.73	33.32	8.05	8.00	8.0	3.538	100.2	9.0	2.1
1052	7/19/2015 15:16:11	16.07	50.69	33.29	8.06	8.00	6.9	3.579	100.2	9.2	2.2
1053	7/19/2015 15:31:11	15.98	50.73	33.31	7.91	7.99	4.1	3.590	98.1	7.6	1.8
1054	7/19/2015 15:46:10	16.01	50.69	33.29	7.68	7.98	5.4	3.605	95.3	8.7	2.0
1055	7/19/2015 16:01:11	15.99	50.72	33.31	7.81	7.99	7.1	3.606	96.8	5.7	1.3
1056	7/19/2015 16:16:10	16.05	50.66	33.27	7.92	8.00	7.6	3.565	98.4	6.0	1.4
1057	7/19/2015 16:31:11	16.24	50.71	33.31	7.85	7.99	7.1	3.500	97.9	6.1	1.4
1058	7/19/2015 16:46:11	17.58	50.77	33.37	7.95	8.01	10.7	3.432	101.8	7.9	1.9
1059	7/19/2015 17:01:11	17.25	50.72	33.33	8.30	8.03	10.3	3.366	105.6	8.1	1.9
1060	7/19/2015 17:16:11	19.05	50.91	33.48	8.24	8.05	9.9	3.286	108.4	8.1	1.9
1061	7/19/2015 17:31:10	19.15	50.89	33.46	8.30	8.05	12.3	3.187	109.4	9.6	2.3
1062	7/19/2015 17:46:10	19.12	50.87	33.45	8.24	8.04	9.8	3.102	108.5	9.2	2.2
1063	7/19/2015 18:01:10	19.36	50.95	33.51	8.18	8.04	15.3	3.041	108.3	10.7	2.5
1064	7/19/2015 18:16:10	19.35	51.04	33.57	8.08	8.03	8.9	2.952	107.0	8.9	2.1
1065	7/19/2015 18:31:10	19.68	51.06	33.59	8.09	8.03	9.6	2.867	107.8	9.1	2.1
1066	7/19/2015 18:46:10	19.88	51.11	33.62	8.08	8.04	10.2	2.796	108.2	9.0	2.1
1067	7/19/2015 19:01:10	20.06	51.08	33.60	8.07	8.04	9.7	2.738	108.4	8.3	2.0
1068	7/19/2015 19:16:10	20.17	51.15	33.65	8.12	8.04	8.9	2.663	109.3	8.2	1.9
1069	7/19/2015 19:31:11	19.88	51.05	33.58	8.43	8.07	9.9	2.586	112.7	9.4	2.2
1070	7/19/2015 19:46:10	19.86	51.05	33.58	8.42	8.07	9.7	2.529	112.6	9.0	2.1
1071	7/19/2015 20:01:10	19.87	50.93	33.49	8.38	8.06	10.1	2.487	112.0	8.6	2.0
1072	7/19/2015 20:16:10	20.50	51.14	33.64	8.07	8.05	8.5	2.435	109.3	7.4	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	Fluorescence %FS
1073	7/19/2015 20:31:10	20.52	51.17	33.66	8.08	8.05	8.5	2.382	109.3	7.7	1.8
1074	7/19/2015 20:46:10	20.73	51.21	33.69	7.93	8.04	8.3	2.370	107.8	8.4	2.0
1075	7/19/2015 21:01:10	21.16	51.23	33.70	7.97	8.05	8.7	2.354	109.3	8.2	1.9
1076	7/19/2015 21:16:10	21.38	51.23	33.70	7.64	8.03	8.2	2.353	105.2	8.0	1.9
1077	7/19/2015 21:31:10	21.38	51.36	33.80	7.79	8.04	10.9	2.376	107.2	7.3	1.7
1078	7/19/2015 21:46:10	21.12	51.30	33.76	7.82	8.03	7.4	2.398	107.1	7.3	1.7
1079	7/19/2015 22:01:10	21.03	51.27	33.73	7.83	8.03	7.3	2.446	107.0	7.8	1.8
1080	7/19/2015 22:16:10	21.07	51.37	33.81	7.80	8.03	7.8	2.505	106.8	7.4	1.7
1081	7/19/2015 22:31:10	21.15	51.33	33.78	7.63	8.01	8.5	2.566	104.6	7.8	1.8
1082	7/19/2015 22:46:10	21.17	51.34	33.79	7.58	8.00	8.5	2.630	103.9	8.3	2.0
1083	7/19/2015 23:01:10	20.78	51.20	33.68	7.70	8.01	8.2	2.702	104.8	8.2	1.9
1084	7/19/2015 23:16:10	20.55	51.14	33.65	7.73	8.01	8.4	2.771	104.8	8.3	1.9
1085	7/19/2015 23:31:10	20.07	51.14	33.65	7.77	8.01	8.5	2.837	104.3	9.3	2.2
1086	7/19/2015 23:46:10	19.46	51.05	33.58	7.72	7.99	8.2	2.907	102.5	9.4	2.2
1087	7/20/2015 00:01:10	18.86	50.93	33.49	7.69	7.98	7.7	2.978	100.9	9.1	2.1
1088	7/20/2015 00:16:11	18.58	50.94	33.50	7.69	7.98	8.1	3.043	100.4	10.0	2.4
1089	7/20/2015 00:31:10	18.48	50.91	33.48	7.68	7.98	7.6	3.111	100.0	9.5	2.2
1090	7/20/2015 00:46:11	18.40	50.94	33.50	7.69	7.98	6.8	3.182	100.0	9.1	2.1
1091	7/20/2015 01:01:10	18.07	50.86	33.44	7.73	7.99	6.8	3.248	99.9	8.7	2.0
1092	7/20/2015 01:16:10	17.73	50.84	33.42	7.80	7.99	7.4	3.315	100.1	9.8	2.3
1093	7/20/2015 01:31:10	17.50	50.75	33.36	7.83	7.99	7.0	3.384	100.0	10.3	2.4
1094	7/20/2015 01:46:11	17.33	50.79	33.38	7.84	7.99	5.8	3.444	99.9	8.3	1.9
1095	7/20/2015 02:01:11	16.83	50.77	33.36	8.04	8.01	6.3	3.488	101.4	8.8	2.1
1096	7/20/2015 02:16:11	16.71	50.72	33.32	8.04	8.01	4.8	3.537	101.1	7.2	1.7
1097	7/20/2015 02:31:11	16.43	50.70	33.30	8.08	8.01	5.2	3.577	101.0	6.9	1.6
1098	7/20/2015 02:46:11	16.31	50.69	33.29	7.95	8.01	3.1	3.596	99.2	6.4	1.5
1099	7/20/2015 03:01:11	17.17	50.75	33.35	7.15	7.96	8.0	3.598	90.8	8.0	1.9
1100	7/20/2015 03:16:11	16.20	50.70	33.30	7.80	8.00	3.8	3.598	97.1	5.0	1.2
1101	7/20/2015 03:31:10	16.37	50.66	33.27	7.78	8.00	4.3	3.576	97.2	5.4	1.3
1102	7/20/2015 03:46:10	16.74	50.75	33.34	7.67	7.99	6.1	3.510	96.5	5.3	1.2
1103	7/20/2015 04:01:11	17.34	50.75	33.35	7.50	7.98	8.6	3.464	95.5	6.1	1.4
1104	7/20/2015 04:16:11	17.45	50.83	33.41	7.52	7.98	10.7	3.386	96.0	7.5	1.8
1105	7/20/2015 04:31:11	17.15	50.80	33.39	7.65	7.99	11.1	3.293	97.1	7.2	1.7
1106	7/20/2015 04:46:11	17.95	50.88	33.45	7.36	7.97	12.3	3.207	94.9	7.3	1.7
1107	7/20/2015 05:01:10	18.25	50.85	33.43	7.31	7.97	10.6	3.122	94.8	7.0	1.6
1108	7/20/2015 05:16:10	18.46	50.90	33.47	7.20	7.96	10.0	3.028	93.8	7.1	1.7
1109	7/20/2015 05:31:11	18.72	50.99	33.54	7.08	7.95	16.8	2.924	92.7	7.5	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	Fluorescence %FS
1110	7/20/2015 05:46:11	19.01	51.06	33.59	6.81	7.94	12.1	2.839	89.7	6.6	1.6
1111	7/20/2015 06:01:10	19.19	51.02	33.56	6.66	7.93	11.8	2.749	88.0	6.6	1.6
1112	7/20/2015 06:16:10	19.35	51.03	33.57	6.64	7.92	11.3	2.651	88.0	6.2	1.5
1113	7/20/2015 06:31:10	19.26	51.05	33.58	6.59	7.92	12.8	2.543	87.2	7.4	1.7
1114	7/20/2015 06:46:10	19.42	51.04	33.57	6.61	7.92	10.9	2.440	87.7	6.6	1.5
1115	7/20/2015 07:01:10	19.20	51.00	33.54	6.59	7.91	12.4	2.341	87.1	6.4	1.5
1116	7/20/2015 07:16:10	19.34	51.04	33.57	6.71	7.93	11.2	2.233	88.9	6.6	1.5
1117	7/20/2015 07:31:10	19.30	51.09	33.61	6.75	7.93	12.1	2.115	89.4	6.7	1.6
1118	7/20/2015 07:46:10	19.48	51.18	33.68	6.75	7.93	12.3	2.027	89.7	6.1	1.4
1119	7/20/2015 08:01:11	19.32	51.10	33.62	6.74	7.93	10.9	1.929	89.2	6.3	1.5
1120	7/20/2015 08:16:10	19.43	51.08	33.60	6.69	7.92	12.8	1.848	88.7	6.0	1.4
1121	7/20/2015 08:31:10	19.71	51.13	33.64	6.65	7.92	9.9	1.776	88.7	6.1	1.4
1122	7/20/2015 08:46:10	19.92	51.22	33.71	6.61	7.92	9.2	1.715	88.5	5.7	1.3
1123	7/20/2015 09:01:10	20.19	51.26	33.74	6.50	7.92	8.2	1.699	87.6	5.1	1.2
1124	7/20/2015 09:16:10	20.39	51.28	33.75	6.32	7.92	5.9	1.698	85.5	5.5	1.3
1125	7/20/2015 09:31:10	20.53	51.35	33.80	6.57	7.92	7.3	1.691	89.1	5.6	1.3
1126	7/20/2015 09:46:10	20.49	51.40	33.83	6.66	7.94	7.5	1.722	90.3	6.5	1.5
1127	7/20/2015 10:01:10	20.44	51.30	33.76	6.72	7.94	7.1	1.786	90.9	5.4	1.3
1128	7/20/2015 10:16:10	20.63	51.32	33.78	6.65	7.94	7.1	1.823	90.3	5.7	1.3
1129	7/20/2015 10:31:10	20.56	51.34	33.79	6.70	7.94	6.6	1.902	90.8	6.2	1.5
1130	7/20/2015 10:46:11	20.44	51.28	33.75	6.76	7.94	7.3	1.979	91.5	6.3	1.5
1131	7/20/2015 11:01:10	20.41	51.25	33.73	6.77	7.94	7.2	2.089	91.5	6.5	1.5
1132	7/20/2015 11:16:10	20.40	51.23	33.71	6.73	7.93	7.8	2.142	90.9	6.3	1.5
1133	7/20/2015 11:31:10	20.24	51.26	33.73	6.77	7.93	7.7	2.227	91.3	6.4	1.5
1134	7/20/2015 11:46:11	20.23	51.27	33.74	6.77	7.93	8.2	2.331	91.3	6.7	1.6
1135	7/20/2015 12:01:11	20.26	51.33	33.78	6.67	7.92	7.7	2.396	89.9	6.1	1.4
1136	7/20/2015 12:16:10	19.93	51.15	33.66	6.88	7.93	8.1	2.495	92.2	6.8	1.6
1137	7/20/2015 12:31:11	19.72	51.12	33.63	6.99	7.94	8.9	2.568	93.3	6.6	1.6
1138	7/20/2015 12:46:11	19.57	51.08	33.60	7.08	7.94	9.0	2.668	94.1	7.9	1.9
1139	7/20/2015 13:01:11	19.33	51.10	33.61	7.19	7.94	10.6	2.743	95.2	8.7	2.1
1140	7/20/2015 13:16:10	19.10	50.94	33.50	7.27	7.94	10.1	2.816	95.8	8.4	2.0
1141	7/20/2015 13:31:10	18.92	50.97	33.52	7.40	7.95	11.1	2.911	97.1	8.7	2.1
1142	7/20/2015 13:46:11	18.77	50.96	33.51	7.38	7.95	10.7	2.989	96.7	9.4	2.2
1143	7/20/2015 14:01:10	18.59	50.90	33.47	7.40	7.95	11.7	3.067	96.6	24.4	5.7
1144	7/20/2015 14:16:10	18.15	50.78	33.38	7.64	7.97	11.5	3.158	98.9	9.6	2.3
1145	7/20/2015 14:31:10	17.85	50.78	33.38	7.78	7.98	11.2	3.232	100.0	9.7	2.3
1146	7/20/2015 14:46:10	17.35	50.75	33.35	8.00	7.99	10.7	3.318	101.9	10.0	2.4

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	Fluorescence %FS
1147	7/20/2015 15:01:11	16.90	50.73	33.33	8.17	8.00	10.3	3.384	103.1	10.2	2.4
1148	7/20/2015 15:16:11	16.56	50.65	33.27	8.32	8.01	9.1	3.449	104.3	9.1	2.2
1149	7/20/2015 15:31:11	16.41	50.67	33.28	8.43	8.02	7.8	3.502	105.4	8.7	2.1
1150	7/20/2015 15:46:10	16.34	50.66	33.27	8.45	8.03	5.7	3.551	105.6	10.6	2.5
1151	7/20/2015 16:01:11	16.29	50.64	33.26	8.35	8.02	5.5	3.583	104.2	7.1	1.7
1152	7/20/2015 16:16:11	16.22	50.60	33.23	8.03	8.01	4.8	3.591	100.0	10.6	2.5
1153	7/20/2015 16:31:11	16.20	50.59	33.22	8.19	8.02	5.2	3.592	101.9	5.8	1.4
1154	7/20/2015 16:46:11	16.25	50.61	33.23	8.19	8.02	4.9	3.562	102.0	5.2	1.2
1155	7/20/2015 17:01:10	16.35	50.60	33.23	8.19	8.02	6.8	3.510	102.2	6.6	1.6
1156	7/20/2015 17:16:10	16.89	50.57	33.21	8.18	8.02	8.9	3.458	103.2	7.2	1.7
1157	7/20/2015 17:31:11	17.19	50.66	33.28	8.53	8.04	10.4	3.376	108.3	9.8	2.3
1158	7/20/2015 17:46:11	17.17	50.66	33.28	8.52	8.04	9.3	3.300	108.1	9.6	2.3
1159	7/20/2015 18:01:11	18.37	50.89	33.46	8.15	8.03	9.9	3.220	105.9	10.1	2.4
1160	7/20/2015 18:16:11	18.57	50.85	33.43	8.09	8.02	11.0	3.142	105.6	10.4	2.5
1161	7/20/2015 18:31:10	18.86	50.89	33.46	8.03	8.02	10.1	3.052	105.4	9.7	2.3
1162	7/20/2015 18:46:10	19.16	50.83	33.42	7.94	8.01	10.3	2.965	104.7	10.0	2.3
1163	7/20/2015 19:01:10	19.30	50.86	33.44	7.91	8.01	9.4	2.903	104.6	8.9	2.1
1164	7/20/2015 19:16:10	19.59	51.04	33.58	7.84	8.01	9.6	2.815	104.4	8.8	2.1
1165	7/20/2015 19:31:11	19.77	51.04	33.57	7.84	8.01	10.1	2.743	104.6	8.8	2.1
1166	7/20/2015 19:46:11	19.77	51.04	33.58	7.91	8.02	9.6	2.678	105.6	9.2	2.2
1167	7/20/2015 20:01:11	19.60	51.06	33.59	7.97	8.03	10.1	2.613	106.1	10.2	2.4
1168	7/20/2015 20:16:11	19.35	50.92	33.49	8.04	8.03	9.6	2.554	106.5	10.0	2.4
1169	7/20/2015 20:31:11	19.27	51.03	33.56	7.98	8.02	9.2	2.482	105.5	10.3	2.4
1170	7/20/2015 20:46:10	19.47	51.01	33.55	7.85	8.01	9.2	2.442	104.2	10.0	2.3
1171	7/20/2015 21:01:10	19.70	51.08	33.61	7.76	8.01	8.4	2.401	103.5	10.0	2.3
1172	7/20/2015 21:16:10	19.78	51.01	33.55	7.64	8.00	8.9	2.356	102.0	9.6	2.2
1173	7/20/2015 21:31:10	19.96	51.13	33.64	7.53	8.00	7.7	2.337	101.0	8.8	2.1
1174	7/20/2015 21:46:11	20.45	51.16	33.66	7.53	8.00	7.9	2.332	101.9	8.4	2.0
1175	7/20/2015 22:01:10	20.58	51.11	33.62	6.86	7.97	7.0	2.331	93.0	6.8	1.6
1176	7/20/2015 22:16:10	20.59	51.21	33.70	7.44	7.99	13.3	2.337	100.9	7.4	1.8
1177	7/20/2015 22:31:10	20.43	51.22	33.70	7.49	7.99	7.5	2.373	101.3	7.4	1.7
1178	7/20/2015 22:46:10	20.45	51.22	33.70	7.53	7.99	7.6	2.411	101.9	7.5	1.8
1179	7/20/2015 23:01:10	20.40	51.17	33.66	7.56	7.99	7.5	2.458	102.1	8.0	1.9
1180	7/20/2015 23:16:10	20.30	51.12	33.63	7.53	7.99	39.2	2.510	101.5	7.6	1.8
1181	7/20/2015 23:31:10	20.46	51.18	33.67	7.31	7.97	8.5	2.581	98.8	7.8	1.8
1182	7/20/2015 23:46:10	20.28	51.13	33.64	7.38	7.97	8.6	2.634	99.5	8.1	1.9
1183	7/21/2015 00:01:10	20.00	51.10	33.62	7.45	7.97	8.1	2.699	99.9	8.0	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	Fluorescence %FS
1184	7/21/2015 00:16:10	19.84	51.08	33.60	7.51	7.97	7.5	2.759	100.4	8.1	1.9
1185	7/21/2015 00:31:10	19.42	51.00	33.55	7.61	7.98	8.1	2.820	100.9	8.4	2.0
1186	7/21/2015 00:46:10	18.91	50.86	33.44	7.68	7.98	8.1	2.882	100.9	9.3	2.2
1187	7/21/2015 01:01:10	18.60	50.91	33.48	7.72	7.98	7.7	2.939	100.8	8.7	2.1
1188	7/21/2015 01:16:11	18.43	50.81	33.40	7.75	7.98	7.3	2.992	100.7	8.9	2.1
1189	7/21/2015 01:31:10	18.23	50.79	33.38	7.79	7.98	7.0	3.058	100.9	9.2	2.2
1190	7/21/2015 01:46:10	18.14	50.78	33.38	7.79	7.99	7.1	3.112	100.8	8.4	2.0
1191	7/21/2015 02:01:11	18.05	50.78	33.38	7.77	7.99	5.9	3.169	100.4	8.1	1.9
1192	7/21/2015 02:16:11	17.80	50.79	33.38	7.77	7.99	6.5	3.222	99.8	7.8	1.8
1193	7/21/2015 02:31:11	17.64	50.71	33.32	7.79	7.99	6.3	3.271	99.8	7.9	1.9
1194	7/21/2015 02:46:10	17.44	50.72	33.33	7.82	7.99	6.0	3.320	99.8	7.6	1.8
1195	7/21/2015 03:01:11	17.37	50.70	33.31	7.79	7.99	4.2	3.353	99.2	7.2	1.7
1196	7/21/2015 03:16:10	17.40	50.72	33.33	7.70	7.98	5.6	3.384	98.2	6.8	1.6
1197	7/21/2015 03:31:11	17.39	50.71	33.32	7.54	7.97	3.7	3.406	96.2	6.1	1.4
1198	7/21/2015 03:46:11	17.48	50.75	33.35	7.33	7.97	5.6	3.407	93.6	5.5	1.3
1199	7/21/2015 04:01:11	17.12	50.71	33.32	7.54	7.98	4.0	3.393	95.7	4.9	1.2
1200	7/21/2015 04:16:11	17.45	50.74	33.35	7.44	7.97	7.3	3.366	95.0	4.9	1.1
1201	7/21/2015 04:31:11	17.53	50.76	33.36	7.31	7.96	5.8	3.329	93.4	5.3	1.3
1202	7/21/2015 04:46:11	17.71	50.80	33.39	7.34	7.96	7.0	3.269	94.2	5.5	1.3
1203	7/21/2015 05:01:11	17.99	50.80	33.39	7.25	7.96	11.1	3.206	93.6	6.7	1.6
1204	7/21/2015 05:16:11	17.55	50.79	33.38	7.49	7.97	10.6	3.137	95.8	7.0	1.7
1205	7/21/2015 05:31:11	17.58	50.74	33.34	7.49	7.97	11.4	3.057	95.9	7.1	1.7
1206	7/21/2015 05:46:11	18.17	50.84	33.42	7.27	7.96	10.7	2.982	94.2	9.1	2.1
1207	7/21/2015 06:01:10	18.43	50.90	33.47	7.08	7.95	10.4	2.892	92.1	7.0	1.6
1208	7/21/2015 06:16:10	18.69	50.95	33.51	7.00	7.94	12.6	2.810	91.5	7.0	1.6
1209	7/21/2015 06:31:10	18.94	50.99	33.54	6.82	7.93	9.5	2.730	89.7	6.8	1.6
1210	7/21/2015 06:46:10	19.06	50.85	33.43	6.64	7.91	11.5	2.643	87.4	6.3	1.5
1211	7/21/2015 07:01:10	18.75	51.04	33.57	6.61	7.91	9.9	2.561	86.6	6.3	1.5
1212	7/21/2015 07:16:10	18.96	51.06	33.59	6.62	7.91	10.4	2.462	87.0	6.3	1.5
1213	7/21/2015 07:31:10	19.05	51.00	33.54	6.50	7.90	10.1	2.380	85.7	6.1	1.4
1214	7/21/2015 07:46:10	19.01	51.02	33.56	6.57	7.91	10.1	2.289	86.4	5.9	1.4
1215	7/21/2015 08:01:10	18.99	51.04	33.57	6.58	7.91	10.2	2.201	86.6	6.1	1.4
1216	7/21/2015 08:16:10	19.04	51.04	33.57	6.59	7.91	9.3	2.113	86.8	6.1	1.4
1217	7/21/2015 08:31:10	19.13	51.06	33.59	6.59	7.91	9.6	2.024	86.9	6.4	1.5
1218	7/21/2015 08:46:10	19.12	51.06	33.59	6.58	7.91	9.0	1.971	86.7	5.5	1.3
1219	7/21/2015 09:01:10	19.22	51.12	33.63	6.57	7.91	8.2	1.900	86.9	5.8	1.4
1220	7/21/2015 09:16:10	19.36	51.11	33.63	6.53	7.91	7.6	1.846	86.5	5.4	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	Fluorescence %FS
1221	7/21/2015 09:31:11	19.60	51.13	33.64	6.57	7.91	7.1	1.841	87.5	5.8	1.4
1222	7/21/2015 09:46:11	19.83	51.17	33.67	6.49	7.91	5.8	1.807	86.8	5.7	1.3
1223	7/21/2015 10:01:11	19.91	51.22	33.71	6.28	7.89	5.8	1.810	84.2	5.7	1.3
1224	7/21/2015 10:16:10	19.88	51.19	33.68	6.52	7.92	5.7	1.837	87.3	6.1	1.4
1225	7/21/2015 10:31:10	19.87	51.20	33.69	6.55	7.92	6.5	1.884	87.7	6.7	1.6
1226	7/21/2015 10:46:11	19.92	51.24	33.72	6.56	7.92	6.4	1.915	87.9	6.3	1.5
1227	7/21/2015 11:01:11	19.88	51.23	33.71	6.60	7.92	6.4	1.971	88.3	6.5	1.5
1228	7/21/2015 11:16:10	19.85	51.19	33.69	6.60	7.92	7.3	2.061	88.3	7.3	1.7
1229	7/21/2015 11:31:11	19.80	51.23	33.71	6.63	7.92	7.0	2.119	88.7	6.7	1.6
1230	7/21/2015 11:46:10	19.74	51.07	33.60	6.69	7.92	6.7	2.192	89.3	7.4	1.7
1231	7/21/2015 12:01:10	19.67	51.11	33.62	6.65	7.92	7.9	2.273	88.7	6.8	1.6
1232	7/21/2015 12:16:10	19.58	51.08	33.60	6.82	7.93	8.1	2.353	90.8	6.6	1.6
1233	7/21/2015 12:31:10	19.56	51.12	33.63	6.83	7.93	7.9	2.419	90.9	6.7	1.6
1234	7/21/2015 12:46:10	19.55	51.13	33.64	6.67	7.92	7.6	2.496	88.8	6.4	1.5
1235	7/21/2015 13:01:10	19.37	51.01	33.55	6.74	7.92	8.2	2.581	89.3	6.5	1.5
1236	7/21/2015 13:16:10	19.20	50.96	33.51	6.79	7.92	9.2	2.663	89.7	7.5	1.8
1237	7/21/2015 13:31:11	19.09	50.87	33.45	6.87	7.92	9.7	2.728	90.5	7.2	1.7
1238	7/21/2015 13:46:11	19.00	50.99	33.54	7.01	7.93	9.1	2.795	92.2	7.4	1.7
1239	7/21/2015 14:01:11	18.80	50.93	33.49	7.18	7.94	9.9	2.893	94.2	7.8	1.8
1240	7/21/2015 14:16:10	18.63	50.83	33.42	7.33	7.95	9.2	2.962	95.7	7.6	1.8
1241	7/21/2015 14:31:10	18.45	50.84	33.43	7.33	7.95	9.4	3.029	95.4	7.4	1.7
1242	7/21/2015 14:46:10	18.17	50.72	33.34	7.41	7.96	10.1	3.123	95.9	6.9	1.6
1243	7/21/2015 15:01:11	17.75	50.72	33.33	7.65	7.97	9.6	3.196	98.2	7.4	1.7
1244	7/21/2015 15:16:10	17.37	50.66	33.29	7.84	7.98	13.4	3.275	99.8	7.1	1.7
1245	7/21/2015 15:31:10	17.06	50.60	33.24	7.90	7.99	18.6	3.336	100.0	7.4	1.7
1246	7/21/2015 15:46:10	16.65	50.58	33.22	7.99	7.99	18.9	3.407	100.4	6.9	1.6
1247	7/21/2015 16:01:10	16.35	50.57	33.21	8.06	8.00	18.4	3.467	100.6	7.3	1.7
1248	7/21/2015 16:16:11	16.20	50.54	33.18	8.09	8.01	24.4	3.502	100.7	7.0	1.6
1249	7/21/2015 16:31:11	16.11	50.49	33.14	8.08	8.00	16.9	3.539	100.4	6.9	1.6
1250	7/21/2015 16:46:11	16.10	50.49	33.15	7.61	7.98	17.3	3.557	94.5	5.7	1.3
1251	7/21/2015 17:01:11	16.09	50.52	33.17	7.48	7.97	13.9	3.569	92.9	7.2	1.7
1252	7/21/2015 17:16:11	16.13	50.53	33.18	7.77	7.99	6.8	3.532	96.5	5.9	1.4
1253	7/21/2015 17:31:11	16.21	50.52	33.17	7.87	7.99	8.5	3.483	97.9	5.2	1.2
1254	7/21/2015 17:46:11	16.92	50.42	33.11	7.80	8.00	8.4	3.450	98.5	5.5	1.3
1255	7/21/2015 18:01:10	17.84	50.56	33.21	8.06	8.02	9.0	3.378	103.5	7.4	1.7
1256	7/21/2015 18:16:11	17.47	50.62	33.26	8.21	8.02	9.9	3.296	104.8	7.9	1.9
1257	7/21/2015 18:31:11	18.21	50.70	33.32	8.08	8.02	10.4	3.223	104.6	8.0	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	Fluorescence %FS
1258	7/21/2015 18:46:10	18.70	50.71	33.33	8.04	8.02	10.5	3.153	105.1	8.0	1.9
1259	7/21/2015 19:01:10	18.79	50.83	33.42	8.08	8.02	12.3	3.067	105.8	8.7	2.0
1260	7/21/2015 19:16:11	18.95	50.79	33.39	8.03	8.01	13.7	2.991	105.5	8.4	2.0
1261	7/21/2015 19:31:10	19.15	50.80	33.40	7.98	8.01	12.1	2.926	105.2	8.4	2.0
1262	7/21/2015 19:46:10	19.35	50.86	33.44	7.90	8.01	8.9	2.853	104.6	8.2	1.9
1263	7/21/2015 20:01:10	19.58	50.88	33.46	7.87	8.01	23.4	2.783	104.7	8.6	2.0
1264	7/21/2015 20:16:10	19.66	50.96	33.51	7.91	8.01	19.7	2.708	105.4	8.3	1.9
1265	7/21/2015 20:31:10	19.76	50.87	33.45	7.82	8.01	14.4	2.659	104.3	8.0	1.9
1266	7/21/2015 20:46:11	19.82	50.99	33.54	7.76	8.00	8.0	2.586	103.7	7.8	1.8
1267	7/21/2015 21:01:11	19.86	51.03	33.57	7.85	8.01	8.5	2.524	104.9	7.8	1.8
1268	7/21/2015 21:16:10	19.84	51.03	33.56	7.90	8.01	9.3	2.483	105.6	7.4	1.7
1269	7/21/2015 21:31:10	19.71	51.08	33.60	7.93	8.02	10.4	2.420	105.8	8.4	2.0
1270	7/21/2015 21:46:11	19.61	51.04	33.57	7.87	8.02	11.0	2.360	104.8	7.9	1.9
1271	7/21/2015 22:01:11	19.42	51.03	33.56	7.76	8.01	10.1	2.334	103.0	7.4	1.7
1272	7/21/2015 22:16:10	19.58	50.99	33.53	7.78	8.00	8.7	2.321	103.5	8.3	1.9
1273	7/21/2015 22:31:11	19.80	51.09	33.61	7.59	7.99	7.3	2.276	101.3	7.1	1.7
1274	7/21/2015 22:46:10	19.92	51.06	33.59	7.61	7.99	7.4	2.266	101.9	7.8	1.8
1275	7/21/2015 23:01:09	19.98	50.97	33.52	7.59	7.99	6.8	2.304	101.7	7.6	1.8
1276	7/21/2015 23:16:11	20.11	51.19	33.68	7.63	7.99	5.9	2.312	102.6	6.9	1.6
1277	7/21/2015 23:31:10	19.95	51.06	33.59	7.65	7.99	7.1	2.333	102.4	7.0	1.7
1278	7/21/2015 23:46:10	20.16	51.19	33.68	7.60	7.99	6.7	2.375	102.3	7.0	1.6
1279	7/22/2015 00:01:10	20.28	51.23	33.71	7.60	7.99	7.2	2.432	102.5	6.8	1.6
1280	7/22/2015 00:16:11	20.28	51.19	33.68	7.50	7.98	7.3	2.485	101.1	6.9	1.6
1281	7/22/2015 00:31:11	20.50	51.23	33.71	7.18	7.95	9.2	2.536	97.2	7.6	1.8
1282	7/22/2015 00:46:10	20.32	51.13	33.64	7.25	7.95	8.1	2.592	97.8	7.5	1.8
1283	7/22/2015 01:01:10	20.10	51.19	33.68	7.36	7.96	7.0	2.651	98.9	7.5	1.8
1284	7/22/2015 01:16:11	20.00	51.12	33.63	7.43	7.97	9.6	2.705	99.6	7.6	1.8
1285	7/22/2015 01:31:10	19.69	51.09	33.61	7.49	7.97	7.6	2.749	99.9	7.5	1.8
1286	7/22/2015 01:46:10	19.23	50.93	33.49	7.53	7.97	13.6	2.813	99.5	7.8	1.8
1287	7/22/2015 02:01:10	18.83	50.87	33.44	7.56	7.97	6.1	2.860	99.0	7.9	1.9
1288	7/22/2015 02:16:10	18.71	50.91	33.48	7.53	7.97	5.9	2.911	98.5	7.6	1.8
1289	7/22/2015 02:31:11	18.50	50.88	33.45	7.57	7.97	6.1	2.965	98.7	7.9	1.9
1290	7/22/2015 02:46:10	18.38	50.81	33.40	7.56	7.97	5.7	3.006	98.2	7.4	1.7
1291	7/22/2015 03:01:10	18.27	50.79	33.39	7.57	7.97	5.2	3.065	98.1	7.0	1.7
1292	7/22/2015 03:16:10	18.12	50.75	33.35	7.57	7.97	5.1	3.101	97.9	6.9	1.6
1293	7/22/2015 03:31:10	17.88	50.80	33.39	7.57	7.97	4.7	3.143	97.5	6.7	1.6
1294	7/22/2015 03:46:11	17.74	50.73	33.34	7.55	7.97	4.6	3.184	96.9	6.5	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	Fluorescence %FS
1295	7/22/2015 04:01:11	17.72	50.74	33.35	7.46	7.96	4.5	3.211	95.7	6.5	1.5
1296	7/22/2015 04:16:11	17.69	50.73	33.34	7.32	7.96	3.3	3.228	93.9	5.7	1.3
1297	7/22/2015 04:31:11	18.13	50.77	33.37	7.16	7.95	5.5	3.239	92.6	6.0	1.4
1298	7/22/2015 04:46:11	17.72	50.70	33.32	7.19	7.95	4.6	3.243	92.2	5.5	1.3
1299	7/22/2015 05:01:11	18.26	50.83	33.42	6.40	7.88	9.8	3.217	83.0	5.9	1.4
1300	7/22/2015 05:16:11	17.78	50.74	33.35	7.16	7.95	5.7	3.186	92.0	5.0	1.2
1301	7/22/2015 05:31:11	17.88	50.82	33.41	7.06	7.94	4.6	3.155	90.9	4.9	1.1
1302	7/22/2015 05:46:11	18.77	51.07	33.59	6.39	7.90	14.8	3.090	83.7	6.9	1.6
1303	7/22/2015 06:01:11	18.42	50.97	33.52	6.76	7.92	11.8	3.030	87.9	6.6	1.6
1304	7/22/2015 06:16:11	18.22	50.86	33.44	6.98	7.93	10.5	2.971	90.5	5.8	1.4
1305	7/22/2015 06:31:11	18.32	50.86	33.44	7.03	7.94	10.9	2.890	91.3	6.0	1.4
1306	7/22/2015 06:46:11	18.59	50.94	33.50	6.96	7.93	9.2	2.819	90.8	6.1	1.4
1307	7/22/2015 07:01:11	18.73	50.99	33.53	6.88	7.93	9.6	2.747	90.1	5.6	1.3
1308	7/22/2015 07:16:11	18.84	50.95	33.51	6.74	7.92	9.4	2.685	88.4	5.7	1.3
1309	7/22/2015 07:31:11	19.09	51.08	33.60	6.72	7.92	9.2	2.607	88.6	5.7	1.3
1310	7/22/2015 07:46:11	18.91	51.03	33.57	6.78	7.92	9.5	2.526	89.0	5.7	1.3
1311	7/22/2015 08:01:10	18.97	51.11	33.63	6.74	7.92	9.1	2.464	88.7	5.9	1.4
1312	7/22/2015 08:16:10	18.95	51.06	33.59	6.66	7.91	8.7	2.400	87.5	5.8	1.4
1313	7/22/2015 08:31:10	19.07	51.07	33.59	6.65	7.91	8.7	2.311	87.7	5.6	1.3
1314	7/22/2015 08:46:10	19.09	51.05	33.58	6.66	7.91	8.9	2.238	87.8	6.3	1.5
1315	7/22/2015 09:01:11	19.04	51.08	33.60	6.65	7.91	8.1	2.165	87.6	5.5	1.3
1316	7/22/2015 09:16:10	19.16	51.11	33.63	6.67	7.91	8.7	2.112	88.0	5.7	1.3
1317	7/22/2015 09:31:11	19.23	51.04	33.57	6.66	7.91	8.2	2.070	88.0	6.2	1.5
1318	7/22/2015 09:46:10	19.40	51.11	33.63	6.66	7.92	6.4	2.004	88.3	5.4	1.3
1319	7/22/2015 10:01:10	19.39	51.11	33.62	6.73	7.92	7.0	1.995	89.3	5.7	1.3
1320	7/22/2015 10:16:10	19.55	51.16	33.66	6.78	7.92	7.2	1.965	90.2	6.1	1.4
1321	7/22/2015 10:31:11	19.60	51.15	33.65	6.63	7.92	5.6	1.977	88.2	6.0	1.4
1322	7/22/2015 10:46:10	19.49	51.04	33.57	6.81	7.92	6.2	1.978	90.4	6.0	1.4
1323	7/22/2015 11:01:11	19.57	51.16	33.66	6.74	7.92	6.6	1.999	89.7	6.3	1.5
1324	7/22/2015 11:16:10	19.50	51.12	33.63	6.61	7.91	8.1	2.060	87.8	6.3	1.5
1325	7/22/2015 11:31:11	19.47	51.15	33.65	6.69	7.92	7.4	2.087	88.9	6.4	1.5
1326	7/22/2015 11:46:11	19.48	51.16	33.66	6.63	7.91	7.7	2.149	88.0	6.4	1.5
1327	7/22/2015 12:01:10	19.52	51.10	33.61	6.66	7.92	7.6	2.217	88.5	6.4	1.5
1328	7/22/2015 12:16:11	19.57	51.14	33.64	6.68	7.92	7.6	2.286	88.8	6.1	1.4
1329	7/22/2015 12:31:10	19.55	51.17	33.67	6.66	7.92	7.7	2.346	88.6	6.4	1.5
1330	7/22/2015 12:46:11	19.66	51.14	33.64	6.59	7.91	7.6	2.414	87.8	6.4	1.5
1331	7/22/2015 13:01:10	19.61	51.17	33.67	6.61	7.91	8.1	2.490	88.0	6.5	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	Fluorescence %FS
1332	7/22/2015 13:16:10	19.53	51.12	33.63	6.70	7.92	7.8	2.551	89.1	6.9	1.6
1333	7/22/2015 13:31:10	19.38	50.97	33.52	6.81	7.92	8.1	2.623	90.3	7.2	1.7
1334	7/22/2015 13:46:10	19.18	50.96	33.52	6.98	7.93	7.8	2.695	92.1	7.5	1.8
1335	7/22/2015 14:01:10	19.06	50.92	33.49	7.07	7.94	7.5	2.756	93.2	8.1	1.9
1336	7/22/2015 14:16:10	18.98	50.90	33.47	7.13	7.94	7.9	2.838	93.7	7.3	1.7
1337	7/22/2015 14:31:10	18.93	50.86	33.44	7.19	7.94	7.9	2.905	94.4	7.8	1.8
1338	7/22/2015 14:46:10	18.83	50.87	33.44	7.35	7.95	7.7	2.984	96.3	7.5	1.8
1339	7/22/2015 15:01:10	18.65	50.79	33.39	7.52	7.96	8.5	3.052	98.2	7.4	1.7
1340	7/22/2015 15:16:11	18.46	50.75	33.36	7.54	7.96	8.1	3.133	98.1	6.7	1.6
1341	7/22/2015 15:31:11	18.12	50.69	33.32	7.57	7.96	7.9	3.208	97.9	6.8	1.6
	Mean	18.08	50.93	33.48	6.54	7.98	9.75	2.79	84.59	5.95	1.40
	Minimum	14.39	49.95	32.74	4.08	7.85	1.90	1.21	52.90	2.40	0.60
	Maximum	21.38	51.52	33.93	8.53	8.19	323.30	4.11	112.70	24.40	5.70

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

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 #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
0	7/22/2015 16:00:51	17.50	50.81	33.40	8.07	8.06	6.8	3.331	103.1	6.9	1.6
1	7/22/2015 16:15:52	17.16	50.79	33.38	8.14	8.10	7.0	3.383	103.3	6.2	1.5
2	7/22/2015 16:30:51	16.72	50.73	33.33	8.18	8.11	5.9	3.445	102.9	6.0	1.4
3	7/22/2015 16:45:52	16.45	50.76	33.35	8.15	8.12	6.7	3.476	102.0	6.1	1.5
4	7/22/2015 17:00:52	16.19	50.77	33.35	8.09	8.13	3.8	3.518	100.7	5.8	1.4
5	7/22/2015 17:15:52	16.05	50.70	33.30	7.98	8.13	2.3	3.539	99.1	4.2	1.0
6	7/22/2015 17:30:51	16.08	50.70	33.30	7.87	8.12	3.0	3.542	97.7	5.3	1.3
7	7/22/2015 17:45:52	16.15	50.75	33.34	7.74	8.12	5.2	3.532	96.3	4.9	1.2
8	7/22/2015 18:00:52	16.27	50.75	33.33	7.79	8.13	4.4	3.506	97.2	5.1	1.2
9	7/22/2015 18:15:52	16.75	50.73	33.33	7.80	8.13	5.7	3.482	98.2	3.6	0.9
10	7/22/2015 18:30:52	18.03	50.83	33.42	7.79	8.14	7.9	3.430	100.6	5.5	1.3
11	7/22/2015 18:45:51	18.04	50.82	33.41	8.00	8.15	8.4	3.371	103.3	5.7	1.4
12	7/22/2015 19:00:52	17.73	50.86	33.44	8.07	8.15	8.5	3.300	103.7	5.9	1.4
13	7/22/2015 19:15:52	17.97	50.82	33.41	7.91	8.15	9.9	3.240	102.0	5.4	1.3
14	7/22/2015 19:30:52	19.16	51.03	33.57	7.90	8.16	8.2	3.167	104.3	6.3	1.5
15	7/22/2015 19:45:51	19.18	51.03	33.57	7.92	8.15	7.1	3.094	104.6	7.2	1.7
16	7/22/2015 20:00:52	19.26	51.03	33.56	7.90	8.15	8.0	3.018	104.5	7.0	1.7
17	7/22/2015 20:15:51	19.39	51.08	33.60	7.74	8.14	6.4	2.957	102.6	7.0	1.7
18	7/22/2015 20:30:51	19.52	51.07	33.60	7.68	8.14	7.6	2.888	102.0	7.5	1.8
19	7/22/2015 20:45:51	19.70	51.15	33.66	7.57	8.13	7.8	2.818	101.0	6.6	1.6
20	7/22/2015 21:00:51	19.88	51.18	33.67	7.75	8.13	8.3	2.737	103.7	7.1	1.7
21	7/22/2015 21:15:52	19.90	51.19	33.68	7.74	8.12	7.4	2.693	103.6	7.2	1.7
22	7/22/2015 21:30:51	19.99	51.19	33.68	7.81	8.13	8.5	2.624	104.8	6.4	1.5
23	7/22/2015 21:45:51	20.10	51.19	33.68	7.83	8.13	8.4	2.551	105.2	6.2	1.5
24	7/22/2015 22:00:51	19.71	51.16	33.66	7.71	8.12	10.1	2.484	102.9	5.9	1.4
25	7/22/2015 22:15:52	19.92	51.21	33.70	7.65	8.12	9.8	2.435	102.5	5.8	1.4
26	7/22/2015 22:30:52	19.55	51.12	33.64	7.50	8.10	10.4	2.390	99.7	6.4	1.5
27	7/22/2015 22:45:51	19.83	51.17	33.67	7.59	8.11	8.8	2.322	101.5	6.3	1.5
28	7/22/2015 23:00:51	19.86	51.16	33.66	7.55	8.11	9.3	2.304	101.0	5.6	1.3
29	7/22/2015 23:15:51	20.10	51.23	33.71	7.54	8.11	7.8	2.266	101.4	6.1	1.4
30	7/22/2015 23:30:51	20.18	51.18	33.67	7.51	8.10	6.7	2.252	101.1	5.4	1.3
31	7/22/2015 23:45:51	20.19	51.23	33.71	7.40	8.09	5.4	2.248	99.6	4.8	1.1
32	7/23/2015 00:00:51	20.27	51.22	33.70	7.44	8.09	4.8	2.245	100.4	5.9	1.4
33	7/23/2015 00:15:51	20.41	51.31	33.77	7.67	8.11	4.9	2.275	103.7	4.8	1.1
34	7/23/2015 00:30:51	20.40	51.28	33.75	7.67	8.11	5.1	2.298	103.6	4.8	1.1
35	7/23/2015 00:45:51	20.52	51.32	33.78	7.67	8.11	5.6	2.335	103.9	5.6	1.3
36	7/23/2015 01:00:51	20.53	51.29	33.75	7.68	8.10	5.6	2.382	104.1	7.1	1.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
37	7/23/2015 01:15:51	20.43	51.31	33.77	7.65	8.10	6.5	2.443	103.5	4.8	1.1
38	7/23/2015 01:30:51	20.68	51.35	33.80	7.32	8.06	7.7	2.490	99.5	5.7	1.4
39	7/23/2015 01:45:51	20.69	51.38	33.82	7.18	8.05	7.4	2.536	97.7	6.5	1.5
40	7/23/2015 02:00:51	20.51	51.31	33.77	7.29	8.05	6.0	2.590	98.8	6.5	1.5
41	7/23/2015 02:15:51	20.39	51.25	33.72	7.41	8.06	6.4	2.647	100.1	5.2	1.2
42	7/23/2015 02:30:51	20.25	51.26	33.73	7.50	8.07	6.8	2.703	101.1	5.6	1.3
43	7/23/2015 02:45:51	19.96	51.19	33.68	7.56	8.07	6.2	2.739	101.4	5.6	1.3
44	7/23/2015 03:00:52	19.46	51.09	33.61	7.59	8.07	5.7	2.788	100.8	5.1	1.2
45	7/23/2015 03:15:51	19.07	50.99	33.54	7.65	8.07	5.3	2.843	100.7	4.9	1.2
46	7/23/2015 03:30:51	18.89	50.93	33.49	7.65	8.08	5.2	2.890	100.5	5.4	1.3
47	7/23/2015 03:45:52	18.75	50.97	33.52	7.62	8.08	5.0	2.928	99.8	4.7	1.1
48	7/23/2015 04:00:52	18.65	50.96	33.51	7.58	8.08	4.6	2.974	99.1	5.1	1.2
49	7/23/2015 04:15:51	18.58	50.90	33.47	7.60	8.08	3.8	3.012	99.2	4.7	1.1
50	7/23/2015 04:30:52	18.51	50.92	33.48	7.56	8.08	3.5	3.052	98.5	4.7	1.1
51	7/23/2015 04:45:52	18.38	50.90	33.47	7.52	8.08	3.9	3.083	97.7	4.5	1.1
52	7/23/2015 05:00:52	18.25	50.88	33.46	7.47	8.08	2.9	3.098	96.9	4.3	1.0
53	7/23/2015 05:15:52	18.25	50.89	33.46	7.32	8.07	3.2	3.123	94.9	3.5	0.8
54	7/23/2015 05:30:51	18.02	50.85	33.43	7.27	8.07	2.7	3.137	93.8	3.6	0.9
55	7/23/2015 05:45:52	18.18	50.91	33.48	7.17	8.05	4.9	3.126	92.8	2.9	0.7
56	7/23/2015 06:00:52	18.10	50.87	33.44	7.28	8.06	4.6	3.104	94.2	3.8	0.9
57	7/23/2015 06:15:52	18.22	50.87	33.44	7.28	8.06	4.7	3.085	94.3	4.3	1.0
58	7/23/2015 06:30:52	18.45	50.96	33.51	7.18	8.06	6.1	3.055	93.5	3.8	0.9
59	7/23/2015 06:45:52	18.93	51.24	33.72	6.61	8.02	10.6	2.984	86.9	4.5	1.1
60	7/23/2015 07:00:52	18.61	51.16	33.66	6.72	8.02	11.3	2.934	87.9	4.5	1.1
61	7/23/2015 07:15:52	18.39	51.06	33.59	6.75	8.02	9.9	2.878	87.8	4.1	1.0
62	7/23/2015 07:30:52	18.47	51.01	33.55	7.00	8.04	9.2	2.816	91.2	4.1	1.0
63	7/23/2015 07:45:52	18.98	51.06	33.59	7.03	8.05	7.9	2.748	92.5	4.2	1.0
64	7/23/2015 08:00:51	19.13	51.10	33.61	7.00	8.05	8.1	2.680	92.4	4.5	1.1
65	7/23/2015 08:15:52	19.11	51.08	33.60	6.96	8.04	6.9	2.631	91.8	4.6	1.1
66	7/23/2015 08:30:51	19.51	51.20	33.69	6.96	8.04	7.3	2.557	92.5	3.9	0.9
67	7/23/2015 08:45:52	19.18	51.17	33.67	6.89	8.03	7.4	2.503	91.1	4.1	1.0
68	7/23/2015 09:00:52	19.36	51.15	33.65	6.90	8.04	7.4	2.457	91.4	3.9	0.9
69	7/23/2015 09:15:51	19.31	51.20	33.69	6.89	8.03	7.2	2.389	91.3	3.3	0.8
70	7/23/2015 09:30:51	19.26	51.18	33.68	6.90	8.03	6.7	2.342	91.3	4.3	1.0
71	7/23/2015 09:45:52	19.35	51.23	33.71	6.69	8.03	6.2	2.285	88.7	3.2	0.8
72	7/23/2015 10:00:52	19.41	51.24	33.72	6.67	8.03	6.5	2.246	88.5	3.9	0.9
73	7/23/2015 10:15:52	19.50	51.22	33.71	6.73	8.04	5.6	2.213	89.5	3.8	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
74	7/23/2015 10:30:52	19.54	51.21	33.70	6.79	8.03	5.6	2.169	90.3	4.1	1.0
75	7/23/2015 10:45:52	19.65	51.27	33.74	6.79	8.04	5.1	2.164	90.6	5.1	1.2
76	7/23/2015 11:00:52	19.75	51.25	33.73	6.57	8.02	3.8	2.159	87.7	3.2	0.8
77	7/23/2015 11:15:52	19.90	51.33	33.79	6.67	8.03	5.0	2.155	89.4	3.8	0.9
78	7/23/2015 11:30:52	19.75	51.29	33.76	6.80	8.03	5.7	2.165	90.8	5.2	1.2
79	7/23/2015 11:45:52	19.73	51.27	33.75	6.80	8.03	5.4	2.200	90.8	4.4	1.1
80	7/23/2015 12:00:52	19.77	51.30	33.76	6.77	8.03	6.5	2.230	90.5	4.2	1.0
81	7/23/2015 12:15:52	19.90	51.34	33.80	6.77	8.03	6.1	2.269	90.8	5.2	1.2
82	7/23/2015 12:30:52	19.93	51.33	33.78	6.82	8.03	5.4	2.319	91.4	5.2	1.2
83	7/23/2015 12:45:51	19.96	51.31	33.77	6.84	8.03	5.7	2.368	91.8	5.1	1.2
84	7/23/2015 13:00:52	19.89	51.32	33.78	6.80	8.03	5.8	2.437	91.1	5.3	1.3
85	7/23/2015 13:15:52	19.81	51.31	33.77	6.74	8.02	5.7	2.475	90.1	4.6	1.1
86	7/23/2015 13:30:52	19.82	51.31	33.77	6.76	8.02	5.7	2.537	90.5	4.3	1.0
87	7/23/2015 13:45:52	19.79	51.28	33.75	6.81	8.03	6.1	2.608	91.0	5.4	1.3
88	7/23/2015 14:00:52	19.76	51.29	33.75	6.74	8.02	6.0	2.665	90.0	5.9	1.4
89	7/23/2015 14:15:52	19.60	51.24	33.72	6.70	8.02	6.8	2.723	89.3	5.1	1.2
90	7/23/2015 14:30:52	19.31	51.08	33.60	7.00	8.03	6.2	2.793	92.7	5.2	1.2
91	7/23/2015 14:45:51	19.05	51.05	33.58	7.13	8.04	6.3	2.867	93.9	5.5	1.3
92	7/23/2015 15:00:51	18.95	51.00	33.54	7.16	8.04	6.7	2.924	94.2	5.5	1.3
93	7/23/2015 15:15:52	18.83	51.00	33.54	7.15	8.04	6.2	2.988	93.7	4.7	1.1
94	7/23/2015 15:30:52	18.72	50.98	33.53	7.33	8.06	6.0	3.066	95.9	4.7	1.1
95	7/23/2015 15:45:52	18.69	50.97	33.52	7.37	8.06	6.1	3.134	96.4	4.4	1.0
96	7/23/2015 16:00:52	18.39	50.89	33.46	7.37	8.06	5.7	3.209	95.9	4.2	1.0
97	7/23/2015 16:15:52	18.16	50.86	33.43	7.44	8.06	5.9	3.269	96.3	4.4	1.1
98	7/23/2015 16:30:52	17.74	50.82	33.40	7.51	8.07	6.3	3.345	96.4	4.1	1.0
99	7/23/2015 16:45:52	17.56	50.76	33.36	7.57	8.08	5.7	3.410	96.8	3.6	0.9
100	7/23/2015 17:00:52	17.40	50.77	33.37	7.58	8.08	5.7	3.463	96.7	5.0	1.2
101	7/23/2015 17:15:52	17.13	50.75	33.35	7.71	8.09	3.9	3.517	97.8	3.8	0.9
102	7/23/2015 17:30:52	16.89	50.74	33.34	7.76	8.09	4.5	3.554	98.0	3.4	0.8
103	7/23/2015 17:45:52	16.71	50.69	33.30	7.80	8.10	2.6	3.584	98.1	3.1	0.7
104	7/23/2015 18:00:52	16.62	50.73	33.33	7.72	8.10	1.8	3.604	97.0	3.5	0.8
105	7/23/2015 18:15:52	16.85	50.76	33.35	7.60	8.09	3.3	3.609	95.9	2.6	0.6
106	7/23/2015 18:30:52	16.77	50.72	33.33	7.49	8.08	3.5	3.587	94.4	2.0	0.5
107	7/23/2015 18:45:52	16.80	50.72	33.32	7.61	8.09	3.0	3.561	95.9	2.6	0.6
108	7/23/2015 19:00:52	17.25	50.70	33.31	7.47	8.08	4.2	3.524	94.9	2.9	0.7
109	7/23/2015 19:15:52	18.23	50.84	33.43	7.35	8.08	6.2	3.471	95.3	3.5	0.8
110	7/23/2015 19:30:52	18.37	50.92	33.49	7.53	8.09	7.0	3.404	97.9	3.2	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
111	7/23/2015 19:45:52	18.01	50.85	33.43	7.56	8.09	7.3	3.336	97.6	2.8	0.7
112	7/23/2015 20:00:52	18.83	50.99	33.54	7.31	8.08	8.9	3.273	95.9	3.4	0.8
113	7/23/2015 20:15:52	19.32	51.03	33.56	7.46	8.10	6.9	3.198	98.7	3.3	0.8
114	7/23/2015 20:30:52	19.19	51.04	33.58	7.42	8.09	7.3	3.117	98.0	3.5	0.8
115	7/23/2015 20:45:52	19.27	51.02	33.56	7.40	8.09	6.7	3.044	97.9	3.9	0.9
116	7/23/2015 21:00:51	19.44	51.09	33.61	7.44	8.09	5.6	2.989	98.7	4.5	1.1
117	7/23/2015 21:15:52	19.69	51.09	33.61	7.42	8.09	6.8	2.916	98.9	3.7	0.9
118	7/23/2015 21:30:51	19.92	51.16	33.66	7.42	8.09	7.9	2.836	99.4	4.4	1.1
119	7/23/2015 21:45:51	20.08	51.18	33.67	7.40	8.08	7.3	2.770	99.4	4.4	1.1
120	7/23/2015 22:00:51	20.07	51.20	33.69	7.35	8.07	5.9	2.703	98.8	4.2	1.0
121	7/23/2015 22:15:51	20.11	51.15	33.65	7.41	8.08	7.4	2.626	99.6	4.4	1.0
122	7/23/2015 22:30:51	20.07	51.20	33.69	7.39	8.08	7.9	2.557	99.3	4.6	1.1
123	7/23/2015 22:45:51	19.83	51.15	33.65	7.23	8.06	10.3	2.495	96.7	3.7	0.9
124	7/23/2015 23:00:51	19.91	51.18	33.67	7.22	8.06	8.5	2.436	96.7	3.7	0.9
125	7/23/2015 23:15:51	19.97	51.23	33.71	7.17	8.06	8.1	2.362	96.1	4.1	1.0
126	7/23/2015 23:30:52	19.84	51.24	33.72	7.08	8.05	8.5	2.311	94.7	3.8	0.9
127	7/23/2015 23:45:51	20.03	51.27	33.74	7.05	8.05	6.8	2.287	94.7	4.3	1.0
128	7/24/2015 00:00:51	20.07	51.25	33.73	7.03	8.05	6.1	2.232	94.5	4.4	1.0
129	7/24/2015 00:15:51	20.34	51.31	33.77	7.02	8.05	5.7	2.209	94.8	4.1	1.0
130	7/24/2015 00:30:51	20.69	51.37	33.81	7.04	8.06	4.9	2.198	95.7	4.1	1.0
131	7/24/2015 00:45:51	20.78	51.39	33.83	6.95	8.05	3.4	2.205	94.6	4.7	1.1
132	7/24/2015 01:00:51	20.77	51.43	33.86	7.24	8.07	4.9	2.198	98.6	3.9	0.9
133	7/24/2015 01:15:51	20.74	51.41	33.84	7.31	8.07	4.0	2.224	99.5	4.3	1.0
134	7/24/2015 01:30:51	20.72	51.34	33.79	7.32	8.07	4.5	2.269	99.6	3.6	0.8
135	7/24/2015 01:45:51	20.75	51.43	33.86	7.33	8.07	4.7	2.305	99.8	4.1	1.0
136	7/24/2015 02:00:51	20.67	51.40	33.83	7.33	8.06	4.5	2.343	99.6	3.8	0.9
137	7/24/2015 02:15:51	20.60	51.40	33.83	7.30	8.06	4.8	2.388	99.0	4.4	1.1
138	7/24/2015 02:30:51	20.60	51.42	33.85	7.20	8.05	4.9	2.448	97.7	4.1	1.0
139	7/24/2015 02:45:51	20.84	51.50	33.90	6.82	8.01	6.6	2.498	93.0	5.6	1.3
140	7/24/2015 03:00:51	20.72	51.45	33.87	6.84	8.00	6.7	2.535	93.0	5.1	1.2
141	7/24/2015 03:15:51	20.53	51.41	33.84	6.96	8.01	5.4	2.584	94.3	4.4	1.1
142	7/24/2015 03:30:51	20.43	51.38	33.82	7.03	8.02	4.9	2.640	95.1	4.4	1.0
143	7/24/2015 03:45:51	20.39	51.34	33.79	7.07	8.02	4.5	2.677	95.6	4.4	1.0
144	7/24/2015 04:00:51	20.15	51.29	33.75	7.12	8.02	4.8	2.715	95.8	3.8	0.9
145	7/24/2015 04:15:51	19.85	51.26	33.73	7.14	8.02	5.6	2.760	95.6	3.7	0.9
146	7/24/2015 04:30:52	19.50	51.17	33.67	7.16	8.02	3.7	2.810	95.1	4.0	1.0
147	7/24/2015 04:45:52	19.34	51.14	33.65	7.15	8.02	3.8	2.847	94.8	2.9	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
148	7/24/2015 05:00:52	19.17	51.10	33.62	7.14	8.02	3.4	2.878	94.3	3.1	0.7
149	7/24/2015 05:15:51	19.00	51.07	33.59	7.17	8.02	3.8	2.922	94.4	3.0	0.7
150	7/24/2015 05:30:52	18.89	51.03	33.57	7.16	8.03	3.2	2.955	94.1	2.9	0.7
151	7/24/2015 05:45:52	18.82	51.05	33.58	7.17	8.03	2.9	2.985	94.0	2.7	0.6
152	7/24/2015 06:00:52	18.78	51.03	33.57	7.14	8.03	2.8	3.007	93.6	3.4	0.8
153	7/24/2015 06:15:52	18.86	51.20	33.69	6.94	8.01	4.2	3.028	91.2	3.4	0.8
154	7/24/2015 06:30:52	19.22	50.94	33.50	6.54	8.00	3.5	3.043	86.4	3.1	0.7
155	7/24/2015 06:45:52	19.10	51.21	33.70	6.65	7.99	4.8	3.054	87.7	2.7	0.7
156	7/24/2015 07:00:52	18.85	51.07	33.60	6.81	8.00	4.2	3.037	89.4	3.0	0.7
157	7/24/2015 07:15:52	18.76	51.04	33.58	6.84	8.01	4.3	3.024	89.6	2.6	0.6
158	7/24/2015 07:30:52	18.77	51.06	33.59	6.88	8.01	4.4	3.002	90.2	1.9	0.4
159	7/24/2015 07:45:52	19.07	51.14	33.65	6.74	8.00	6.2	2.976	88.8	3.3	0.8
160	7/24/2015 08:00:52	19.28	51.25	33.73	6.62	7.99	7.6	2.930	87.7	3.5	0.8
161	7/24/2015 08:15:52	19.43	51.30	33.76	6.64	7.99	10.0	2.870	88.2	2.5	0.6
162	7/24/2015 08:30:52	19.34	51.25	33.73	6.62	7.98	8.7	2.827	87.8	3.5	0.8
163	7/24/2015 08:45:51	19.33	51.18	33.68	6.66	7.99	8.0	2.785	88.2	2.9	0.7
164	7/24/2015 09:00:52	19.61	51.27	33.74	6.82	8.00	7.1	2.716	90.9	3.2	0.8
165	7/24/2015 09:15:51	19.59	51.30	33.76	6.90	8.00	6.1	2.660	91.9	2.9	0.7
166	7/24/2015 09:30:52	19.94	51.32	33.78	6.90	8.01	5.7	2.625	92.5	3.2	0.8
167	7/24/2015 09:45:51	20.00	51.31	33.77	6.92	8.00	6.7	2.575	92.8	3.3	0.8
168	7/24/2015 10:00:51	20.10	51.36	33.81	6.87	8.00	5.6	2.525	92.4	3.6	0.9
169	7/24/2015 10:15:51	19.99	51.32	33.78	6.96	8.00	6.0	2.477	93.4	3.3	0.8
170	7/24/2015 10:30:51	20.13	51.28	33.75	6.92	8.00	6.3	2.455	93.1	3.5	0.8
171	7/24/2015 10:45:51	20.12	51.36	33.81	6.89	7.99	6.3	2.427	92.7	2.3	0.6
172	7/24/2015 11:00:51	20.19	51.32	33.78	6.79	7.99	5.3	2.376	91.5	2.0	0.5
173	7/24/2015 11:15:51	20.23	51.32	33.78	6.70	7.98	5.5	2.356	90.2	2.8	0.7
174	7/24/2015 11:30:51	20.25	51.35	33.80	6.70	7.98	4.5	2.357	90.3	2.1	0.5
175	7/24/2015 11:45:51	20.24	51.38	33.82	6.85	7.99	5.4	2.362	92.4	3.2	0.8
176	7/24/2015 12:00:51	20.13	51.30	33.76	6.93	7.99	5.6	2.341	93.3	4.1	1.0
177	7/24/2015 12:15:51	20.16	51.33	33.79	6.97	7.99	6.2	2.347	93.9	3.7	0.9
178	7/24/2015 12:30:51	20.19	51.29	33.75	6.99	7.99	5.7	2.385	94.1	3.4	0.8
179	7/24/2015 12:45:51	20.29	51.38	33.82	7.04	8.00	4.7	2.399	95.0	4.3	1.0
180	7/24/2015 13:00:51	20.36	51.39	33.83	7.13	8.01	5.1	2.432	96.4	4.8	1.1
181	7/24/2015 13:15:51	20.48	51.38	33.82	7.22	8.01	5.1	2.456	97.8	4.7	1.1
182	7/24/2015 13:30:51	20.37	51.36	33.81	7.27	8.01	4.7	2.516	98.3	4.4	1.1
183	7/24/2015 13:45:52	20.31	51.38	33.82	7.17	8.00	4.9	2.573	96.9	4.4	1.0
184	7/24/2015 14:00:51	20.20	51.29	33.75	7.09	7.99	5.2	2.608	95.4	3.8	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
185	7/24/2015 14:15:51	20.02	51.28	33.75	7.05	7.99	4.5	2.671	94.7	4.0	1.0
186	7/24/2015 14:30:52	19.91	51.27	33.74	7.08	8.00	4.2	2.728	94.9	3.7	0.9
187	7/24/2015 14:45:52	19.74	51.26	33.73	7.09	8.00	5.0	2.791	94.6	3.9	0.9
188	7/24/2015 15:00:51	19.55	51.19	33.68	7.14	8.00	4.9	2.851	95.0	3.6	0.9
189	7/24/2015 15:15:52	19.43	51.16	33.66	7.13	7.99	4.9	2.908	94.6	3.9	0.9
190	7/24/2015 15:30:52	19.32	51.12	33.63	7.32	8.01	4.5	2.968	96.9	3.2	0.8
191	7/24/2015 15:45:52	19.04	51.05	33.58	7.42	8.02	4.7	3.046	97.7	3.8	0.9
192	7/24/2015 16:00:52	18.90	51.03	33.56	7.37	8.01	4.2	3.106	96.8	3.6	0.8
193	7/24/2015 16:15:52	18.76	51.02	33.56	7.38	8.01	4.5	3.164	96.7	3.4	0.8
194	7/24/2015 16:30:52	18.72	50.99	33.54	7.44	8.02	4.0	3.234	97.4	2.9	0.7
195	7/24/2015 16:45:52	18.47	50.95	33.50	7.37	8.01	5.1	3.304	96.0	2.6	0.6
196	7/24/2015 17:00:52	18.06	50.90	33.47	7.43	8.01	5.2	3.369	96.0	2.9	0.7
197	7/24/2015 17:15:52	17.67	50.85	33.43	7.55	8.03	4.8	3.422	96.8	2.4	0.6
198	7/24/2015 17:30:52	17.57	50.81	33.39	7.73	8.04	4.7	3.484	98.9	3.1	0.7
199	7/24/2015 17:45:52	17.33	50.82	33.40	7.86	8.05	2.9	3.538	100.1	4.1	1.0
200	7/24/2015 18:00:52	17.22	50.79	33.38	7.90	8.06	2.9	3.579	100.4	3.0	0.7
201	7/24/2015 18:15:52	17.13	50.73	33.33	7.92	8.06	2.5	3.610	100.5	3.5	0.8
202	7/24/2015 18:30:52	17.07	50.75	33.35	7.92	8.06	2.2	3.640	100.4	2.5	0.6
203	7/24/2015 18:45:52	17.02	50.76	33.36	7.85	8.06	1.5	3.658	99.4	3.0	0.7
204	7/24/2015 19:00:52	17.16	50.80	33.38	7.76	8.05	2.1	3.651	98.6	2.4	0.6
205	7/24/2015 19:15:52	17.03	50.77	33.37	7.75	8.05	2.3	3.642	98.2	1.9	0.5
206	7/24/2015 19:30:52	17.09	50.74	33.34	7.78	8.05	2.2	3.613	98.6	2.3	0.5
207	7/24/2015 19:45:52	17.21	50.76	33.36	7.70	8.05	3.0	3.573	97.8	2.4	0.6
208	7/24/2015 20:00:52	18.27	50.85	33.43	7.41	8.04	6.8	3.531	96.1	2.5	0.6
209	7/24/2015 20:15:52	18.31	50.92	33.48	7.58	8.04	7.4	3.462	98.4	2.9	0.7
210	7/24/2015 20:30:52	18.61	50.96	33.51	7.78	8.06	7.5	3.394	101.6	3.3	0.8
211	7/24/2015 20:45:52	19.53	51.08	33.60	7.78	8.07	7.4	3.333	103.5	3.0	0.7
212	7/24/2015 21:00:52	19.54	51.06	33.59	7.70	8.05	6.7	3.250	102.4	3.0	0.7
213	7/24/2015 21:15:52	19.36	51.07	33.59	7.61	8.04	5.8	3.176	100.9	3.4	0.8
214	7/24/2015 21:30:52	19.57	51.03	33.57	7.58	8.04	6.0	3.108	100.8	3.7	0.9
215	7/24/2015 21:45:51	19.57	51.06	33.59	7.62	8.04	5.2	3.037	101.4	3.7	0.9
216	7/24/2015 22:00:52	19.65	51.11	33.62	7.57	8.03	6.3	2.963	100.8	4.1	1.0
217	7/24/2015 22:15:52	19.99	51.17	33.67	7.54	8.03	6.1	2.887	101.1	3.7	0.9
218	7/24/2015 22:30:51	20.13	51.19	33.68	7.56	8.03	5.7	2.808	101.7	3.7	0.9
219	7/24/2015 22:45:51	20.15	51.21	33.69	7.66	8.03	7.1	2.741	103.0	3.5	0.8
220	7/24/2015 23:00:51	20.04	51.17	33.67	7.65	8.03	8.0	2.669	102.6	4.5	1.1
221	7/24/2015 23:15:52	19.88	51.21	33.70	7.54	8.02	9.3	2.580	100.9	3.7	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
222	7/24/2015 23:30:52	19.79	51.19	33.68	7.39	8.01	11.2	2.511	98.8	3.7	0.9
223	7/24/2015 23:45:52	19.92	51.19	33.68	7.36	8.01	9.0	2.428	98.6	4.2	1.0
224	7/25/2015 00:00:51	20.02	51.24	33.72	7.48	8.02	7.8	2.361	100.3	4.1	1.0
225	7/25/2015 00:15:52	20.43	51.37	33.81	7.56	8.04	7.1	2.289	102.3	3.7	0.9
226	7/25/2015 00:30:51	20.34	51.34	33.79	7.50	8.03	7.0	2.232	101.3	3.6	0.9
227	7/25/2015 00:45:51	20.79	51.41	33.84	7.63	8.04	6.2	2.190	103.9	4.0	0.9
228	7/25/2015 01:00:51	20.89	51.46	33.88	7.64	8.04	5.2	2.142	104.2	3.7	0.9
229	7/25/2015 01:15:51	20.85	51.43	33.85	7.44	8.03	4.8	2.124	101.4	3.7	0.9
230	7/25/2015 01:30:51	21.13	51.43	33.85	7.58	8.04	3.8	2.098	103.9	4.1	1.0
231	7/25/2015 01:45:51	21.15	51.51	33.91	7.30	8.03	3.6	2.109	100.2	3.4	0.8
232	7/25/2015 02:00:51	21.15	51.48	33.89	7.76	8.05	4.0	2.120	106.4	3.8	0.9
233	7/25/2015 02:15:51	21.12	51.47	33.88	7.76	8.04	3.9	2.132	106.4	4.9	1.2
234	7/25/2015 02:30:51	21.13	51.49	33.90	7.74	8.04	4.3	2.174	106.2	3.6	0.9
235	7/25/2015 02:45:51	21.12	51.49	33.90	7.72	8.04	4.6	2.206	105.8	4.3	1.0
236	7/25/2015 03:00:51	21.06	51.48	33.89	7.71	8.03	4.6	2.260	105.6	3.7	0.9
237	7/25/2015 03:15:51	20.97	51.45	33.87	7.68	8.03	4.0	2.308	105.0	4.1	1.0
238	7/25/2015 03:30:51	20.91	51.42	33.85	7.62	8.02	4.5	2.360	104.1	3.8	0.9
239	7/25/2015 03:45:51	21.11	51.54	33.93	7.24	7.99	6.9	2.408	99.2	4.5	1.1
240	7/25/2015 04:00:51	21.14	51.57	33.95	7.13	7.97	5.8	2.457	97.7	5.3	1.3
241	7/25/2015 04:15:51	20.92	51.48	33.89	7.19	7.98	5.0	2.514	98.2	4.2	1.0
242	7/25/2015 04:30:51	20.84	51.48	33.89	7.19	7.98	5.0	2.555	98.0	4.0	0.9
243	7/25/2015 04:45:51	20.78	51.45	33.87	7.21	7.98	5.4	2.604	98.2	4.1	1.0
244	7/25/2015 05:00:51	20.47	51.34	33.79	7.31	7.99	4.4	2.651	99.0	4.6	1.1
245	7/25/2015 05:15:51	20.14	51.29	33.75	7.31	7.99	4.3	2.700	98.4	3.4	0.8
246	7/25/2015 05:30:52	19.77	51.23	33.71	7.22	7.98	3.8	2.744	96.5	3.6	0.9
247	7/25/2015 05:45:52	19.62	51.19	33.68	7.20	7.98	3.5	2.788	95.9	3.2	0.8
248	7/25/2015 06:00:52	19.51	51.16	33.66	7.20	7.98	3.2	2.838	95.7	3.2	0.8
249	7/25/2015 06:15:52	19.41	51.15	33.65	7.07	7.98	3.7	2.873	93.8	3.0	0.7
250	7/25/2015 06:30:52	19.30	51.12	33.63	7.15	7.98	3.6	2.918	94.6	2.8	0.7
251	7/25/2015 06:45:52	19.24	51.10	33.62	7.15	7.98	3.1	2.948	94.6	3.1	0.7
252	7/25/2015 07:00:52	19.16	51.10	33.62	7.17	7.98	3.3	2.990	94.7	3.0	0.7
253	7/25/2015 07:15:52	19.12	51.11	33.63	7.12	7.98	2.7	3.007	93.9	3.3	0.8
254	7/25/2015 07:30:52	19.22	51.37	33.81	7.00	7.98	3.8	3.035	92.7	2.8	0.7
255	7/25/2015 07:45:52	18.95	51.32	33.78	6.93	7.98	2.9	3.051	91.2	2.8	0.7
256	7/25/2015 08:00:52	19.41	51.13	33.64	6.80	7.96	4.0	3.044	90.3	2.6	0.6
257	7/25/2015 08:15:52	19.06	51.14	33.65	6.91	7.97	3.5	3.056	91.1	2.4	0.6
258	7/25/2015 08:30:52	18.99	51.02	33.56	6.85	7.96	3.7	3.035	90.2	1.7	0.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
259	7/25/2015 08:45:52	19.00	51.05	33.58	6.95	7.97	3.4	3.004	91.4	3.0	0.7
260	7/25/2015 09:00:52	19.15	51.08	33.60	6.89	7.97	3.9	2.980	90.9	2.0	0.5
261	7/25/2015 09:15:52	19.33	51.15	33.65	6.86	7.97	4.6	2.939	90.8	2.1	0.5
262	7/25/2015 09:30:52	19.43	51.19	33.69	6.81	7.96	6.0	2.905	90.4	2.2	0.5
263	7/25/2015 09:45:52	19.58	51.20	33.69	6.90	7.97	7.0	2.848	91.8	3.2	0.8
264	7/25/2015 10:00:52	19.68	51.25	33.72	6.88	7.96	6.0	2.800	91.8	2.7	0.6
265	7/25/2015 10:15:52	19.79	51.25	33.73	6.85	7.96	6.3	2.758	91.6	3.1	0.7
266	7/25/2015 10:30:52	19.87	51.29	33.76	6.91	7.96	7.0	2.710	92.5	2.8	0.7
267	7/25/2015 10:45:52	20.12	51.26	33.73	6.91	7.97	5.9	2.658	92.9	3.0	0.7
268	7/25/2015 11:00:51	19.98	51.23	33.72	7.12	7.98	6.7	2.616	95.5	3.3	0.8
269	7/25/2015 11:15:51	20.24	51.33	33.79	6.94	7.97	5.7	2.590	93.5	3.5	0.8
270	7/25/2015 11:30:51	20.26	51.33	33.79	6.94	7.96	4.9	2.551	93.6	2.9	0.7
271	7/25/2015 11:45:52	20.41	51.41	33.84	6.89	7.97	4.9	2.510	93.3	3.6	0.9
272	7/25/2015 12:00:51	20.41	51.33	33.78	6.93	7.97	4.8	2.502	93.7	2.9	0.7
273	7/25/2015 12:15:52	20.39	51.37	33.81	6.78	7.96	4.8	2.472	91.7	3.1	0.7
274	7/25/2015 12:30:52	20.35	51.37	33.81	6.85	7.96	5.5	2.469	92.6	3.4	0.8
275	7/25/2015 12:45:52	20.40	51.36	33.81	7.06	7.97	4.5	2.472	95.5	3.9	0.9
276	7/25/2015 13:00:52	20.41	51.36	33.81	7.10	7.96	4.8	2.458	96.1	4.1	1.0
277	7/25/2015 13:15:52	20.45	51.35	33.80	7.07	7.97	5.3	2.485	95.6	3.8	0.9
278	7/25/2015 13:30:51	20.46	51.34	33.79	7.11	7.97	4.9	2.497	96.2	4.4	1.0
279	7/25/2015 13:45:51	20.53	51.38	33.82	7.15	7.97	4.3	2.518	96.9	3.8	0.9
280	7/25/2015 14:00:52	20.53	51.41	33.84	7.13	7.97	4.8	2.552	96.6	4.1	1.0
281	7/25/2015 14:15:52	20.45	51.34	33.79	7.15	7.98	4.5	2.599	96.7	4.6	1.1
282	7/25/2015 14:30:52	20.25	51.34	33.80	7.08	7.97	4.8	2.637	95.5	4.8	1.1
283	7/25/2015 14:45:51	20.17	51.27	33.74	7.18	7.97	4.3	2.682	96.6	3.6	0.8
284	7/25/2015 15:00:51	20.08	51.27	33.74	7.21	7.97	4.5	2.733	96.9	3.5	0.8
285	7/25/2015 15:15:52	19.99	51.25	33.73	7.20	7.97	4.6	2.790	96.6	3.8	0.9
286	7/25/2015 15:30:52	19.88	51.27	33.74	7.24	7.98	5.0	2.844	96.9	3.8	0.9
287	7/25/2015 15:45:52	19.79	51.25	33.72	7.25	7.97	4.3	2.891	96.9	4.2	1.0
288	7/25/2015 16:00:52	19.57	51.20	33.69	7.13	7.96	4.8	2.966	94.9	2.8	0.7
289	7/25/2015 16:15:52	19.24	51.10	33.62	7.07	7.96	4.3	3.018	93.6	3.5	0.8
290	7/25/2015 16:30:52	19.05	51.09	33.61	7.33	7.98	4.8	3.077	96.6	3.2	0.8
291	7/25/2015 16:45:52	18.70	51.02	33.56	7.24	7.97	4.2	3.148	94.7	2.7	0.6
292	7/25/2015 17:00:52	18.51	51.01	33.55	7.48	8.00	3.7	3.214	97.5	3.5	0.8
293	7/25/2015 17:15:52	18.38	50.99	33.53	7.51	8.00	4.9	3.275	97.7	3.4	0.8
294	7/25/2015 17:30:52	18.10	50.95	33.50	7.51	8.00	4.0	3.338	97.1	4.2	1.0
295	7/25/2015 17:45:52	17.73	50.91	33.47	7.63	8.01	3.6	3.412	98.0	3.1	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
296	7/25/2015 18:00:52	17.54	50.88	33.45	7.73	8.02	4.5	3.468	98.9	3.1	0.7
297	7/25/2015 18:15:52	17.31	50.88	33.44	7.87	8.03	3.5	3.529	100.2	3.7	0.9
298	7/25/2015 18:30:52	17.11	50.87	33.44	8.00	8.04	2.9	3.583	101.5	3.2	0.8
299	7/25/2015 18:45:52	16.94	50.83	33.41	8.11	8.05	3.3	3.628	102.5	4.8	1.1
300	7/25/2015 19:00:52	16.80	50.81	33.39	8.19	8.06	2.4	3.678	103.2	2.6	0.6
301	7/25/2015 19:15:52	16.70	50.80	33.38	8.19	8.06	2.0	3.692	103.0	3.8	0.9
302	7/25/2015 19:30:52	16.70	50.83	33.40	7.95	8.05	1.9	3.714	100.1	2.3	0.5
303	7/25/2015 19:45:52	16.68	50.83	33.40	7.90	8.05	1.7	3.729	99.4	3.3	0.8
304	7/25/2015 20:00:52	16.70	50.77	33.36	8.08	8.05	2.5	3.721	101.6	3.2	0.8
305	7/25/2015 20:15:52	16.73	50.81	33.39	8.03	8.06	2.1	3.685	101.1	3.1	0.7
306	7/25/2015 20:30:52	16.90	50.82	33.40	7.97	8.05	3.3	3.641	100.7	2.4	0.6
307	7/25/2015 20:45:52	17.67	50.89	33.46	7.34	8.03	7.3	3.610	94.1	2.9	0.7
308	7/25/2015 21:00:52	17.54	50.87	33.44	7.62	8.02	7.8	3.547	97.5	3.5	0.8
309	7/25/2015 21:15:52	17.44	50.89	33.46	7.68	8.02	11.2	3.471	98.1	4.0	1.0
310	7/25/2015 21:30:52	17.36	50.88	33.45	7.65	8.02	12.0	3.399	97.5	3.7	0.9
311	7/25/2015 21:45:52	17.60	50.95	33.50	7.57	8.01	14.7	3.331	97.0	4.3	1.0
312	7/25/2015 22:00:52	17.84	50.98	33.53	7.55	8.01	13.8	3.256	97.2	3.0	0.7
313	7/25/2015 22:15:52	18.05	50.96	33.51	7.54	8.01	15.6	3.154	97.5	3.8	0.9
314	7/25/2015 22:30:52	17.70	51.13	33.63	7.61	8.01	14.6	3.091	97.7	3.9	0.9
315	7/25/2015 22:45:52	18.33	51.11	33.62	7.57	8.01	14.6	3.008	98.4	4.6	1.1
316	7/25/2015 23:00:52	18.06	50.97	33.52	7.56	8.00	15.4	2.921	97.7	4.1	1.0
317	7/25/2015 23:15:52	18.20	51.06	33.59	7.52	8.00	14.8	2.839	97.4	4.0	0.9
318	7/25/2015 23:30:52	18.84	51.10	33.62	7.45	8.00	14.8	2.754	97.7	4.7	1.1
319	7/25/2015 23:45:52	19.25	51.18	33.68	7.46	8.01	16.6	2.669	98.7	5.0	1.2
320	7/26/2015 00:00:52	19.03	51.23	33.71	7.47	8.01	17.2	2.587	98.5	4.7	1.1
321	7/26/2015 00:15:52	19.00	51.16	33.66	7.45	8.00	18.6	2.498	98.1	4.2	1.0
322	7/26/2015 00:30:52	19.22	51.27	33.74	7.39	8.00	16.5	2.413	97.8	4.9	1.2
323	7/26/2015 00:45:51	19.40	51.28	33.75	7.41	7.99	16.3	2.323	98.3	5.0	1.2
324	7/26/2015 01:00:51	19.50	51.34	33.80	7.35	7.99	15.1	2.252	97.7	4.6	1.1
325	7/26/2015 01:15:52	19.38	51.37	33.81	7.25	7.98	14.2	2.163	96.3	5.0	1.2
326	7/26/2015 01:30:52	19.65	51.36	33.81	7.22	7.98	12.6	2.110	96.3	5.2	1.2
327	7/26/2015 01:45:52	19.67	51.39	33.83	7.19	7.98	11.8	2.051	96.0	4.5	1.1
328	7/26/2015 02:00:52	19.88	51.45	33.87	7.17	7.98	10.6	1.984	96.1	4.7	1.1
329	7/26/2015 02:15:52	20.26	51.50	33.91	7.04	8.00	10.0	1.974	95.1	5.8	1.4
330	7/26/2015 02:30:52	20.43	51.53	33.93	7.17	8.00	9.0	1.950	97.1	5.8	1.4
331	7/26/2015 02:45:51	20.50	51.52	33.92	7.11	7.99	7.7	1.954	96.3	5.9	1.4
332	7/26/2015 03:00:51	20.67	51.58	33.97	7.29	8.02	8.9	1.954	99.1	5.1	1.2

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
333	7/26/2015 03:15:51	20.61	51.56	33.95	7.35	8.01	8.2	1.977	99.9	5.2	1.2
334	7/26/2015 03:30:51	20.54	51.54	33.94	7.37	8.01	9.0	2.040	100.0	5.3	1.3
335	7/26/2015 03:45:51	20.60	51.55	33.95	7.40	8.01	8.2	2.076	100.6	4.2	1.0
336	7/26/2015 04:00:51	20.58	51.53	33.93	7.41	8.01	9.3	2.122	100.6	5.2	1.2
337	7/26/2015 04:15:51	20.49	51.49	33.90	7.40	8.01	8.1	2.190	100.4	4.7	1.1
338	7/26/2015 04:30:51	20.43	51.47	33.89	7.38	8.00	7.4	2.254	99.8	4.4	1.0
339	7/26/2015 04:45:51	20.55	51.59	33.97	7.24	7.98	10.4	2.301	98.2	5.2	1.2
340	7/26/2015 05:00:51	20.70	51.71	34.06	7.13	7.97	9.1	2.359	97.0	5.7	1.3
341	7/26/2015 05:15:52	20.39	51.58	33.96	7.18	7.97	7.2	2.413	97.1	6.4	1.5
342	7/26/2015 05:30:51	20.15	51.43	33.86	7.32	7.98	6.3	2.475	98.6	4.5	1.1
343	7/26/2015 05:45:51	20.17	51.42	33.85	7.33	7.98	6.9	2.540	98.7	4.2	1.0
344	7/26/2015 06:00:51	20.23	51.44	33.86	7.31	7.98	6.7	2.589	98.5	4.7	1.1
345	7/26/2015 06:15:51	20.13	51.44	33.87	7.26	7.97	7.4	2.639	97.7	4.6	1.1
346	7/26/2015 06:30:52	19.67	51.31	33.77	7.24	7.96	6.2	2.685	96.6	4.6	1.1
347	7/26/2015 06:45:52	19.50	51.25	33.73	7.21	7.96	5.5	2.751	95.9	4.2	1.0
348	7/26/2015 07:00:52	19.33	51.24	33.72	7.21	7.96	5.3	2.798	95.6	3.7	0.9
349	7/26/2015 07:15:52	19.19	51.17	33.67	7.25	7.96	5.9	2.846	95.8	4.0	0.9
350	7/26/2015 07:30:52	19.13	51.18	33.68	7.24	7.96	4.6	2.884	95.5	4.7	1.1
351	7/26/2015 07:45:52	18.94	51.15	33.66	7.28	7.97	4.8	2.933	95.8	3.4	0.8
352	7/26/2015 08:00:52	18.82	51.09	33.61	7.28	7.97	5.6	2.977	95.6	3.2	0.8
353	7/26/2015 08:15:52	18.74	51.11	33.62	7.24	7.97	4.6	2.995	94.9	2.8	0.7
354	7/26/2015 08:30:52	18.71	51.13	33.64	7.16	7.96	4.8	3.049	93.8	2.7	0.6
355	7/26/2015 08:45:52	18.66	51.12	33.63	7.18	7.96	3.9	3.081	93.9	3.5	0.8
356	7/26/2015 09:00:52	18.76	51.38	33.82	7.00	7.96	4.3	3.095	91.9	3.3	0.8
357	7/26/2015 09:15:52	19.27	51.34	33.79	6.84	7.95	6.7	3.098	90.6	3.1	0.7
358	7/26/2015 09:30:52	18.71	51.15	33.66	7.06	7.95	4.3	3.107	92.4	3.2	0.8
359	7/26/2015 09:45:52	18.77	51.10	33.62	6.93	7.95	4.9	3.100	90.8	2.8	0.7
360	7/26/2015 10:00:52	18.69	51.10	33.62	7.00	7.95	4.8	3.081	91.7	2.5	0.6
361	7/26/2015 10:15:52	19.13	51.33	33.78	6.90	7.96	6.6	3.037	91.1	3.6	0.9
362	7/26/2015 10:30:52	19.05	51.22	33.70	7.00	7.95	6.9	3.000	92.3	2.1	0.5
363	7/26/2015 10:45:52	19.19	51.20	33.69	7.05	7.96	8.4	2.958	93.2	2.8	0.7
364	7/26/2015 11:00:52	19.28	51.17	33.67	7.07	7.96	7.0	2.912	93.5	2.7	0.6
365	7/26/2015 11:15:52	19.27	51.23	33.71	7.10	7.96	7.3	2.851	94.0	3.3	0.8
366	7/26/2015 11:30:52	19.37	51.23	33.71	7.04	7.95	5.9	2.813	93.3	3.2	0.8
367	7/26/2015 11:45:52	19.48	51.28	33.75	6.99	7.95	6.0	2.772	93.0	2.9	0.7
368	7/26/2015 12:00:52	19.70	51.27	33.74	7.03	7.95	6.0	2.713	93.8	3.0	0.7
369	7/26/2015 12:15:52	19.93	51.36	33.80	7.06	7.95	6.0	2.678	94.7	3.3	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
370	7/26/2015 12:30:52	19.95	51.40	33.83	7.00	7.95	5.1	2.653	93.9	3.5	0.8
371	7/26/2015 12:45:52	20.02	51.37	33.82	6.95	7.94	5.7	2.604	93.4	3.8	0.9
372	7/26/2015 13:00:51	20.10	51.39	33.83	7.11	7.95	7.0	2.577	95.6	3.6	0.9
373	7/26/2015 13:15:51	20.15	51.41	33.84	7.11	7.95	5.0	2.564	95.7	3.3	0.8
374	7/26/2015 13:30:51	20.17	51.40	33.83	7.05	7.94	5.7	2.548	94.9	3.1	0.7
375	7/26/2015 13:45:52	20.34	51.41	33.84	7.17	7.96	4.5	2.529	96.8	3.2	0.8
376	7/26/2015 14:00:52	20.43	51.48	33.89	6.97	7.96	4.1	2.523	94.3	3.6	0.8
377	7/26/2015 14:15:51	20.49	51.46	33.88	7.42	7.98	5.4	2.552	100.5	4.3	1.0
378	7/26/2015 14:30:51	20.41	51.44	33.87	7.42	7.97	5.4	2.554	100.4	4.6	1.1
379	7/26/2015 14:45:52	20.42	51.47	33.89	7.46	7.98	5.1	2.568	100.9	5.3	1.3
380	7/26/2015 15:00:52	20.38	51.43	33.86	7.45	7.97	5.4	2.614	100.8	3.6	0.9
381	7/26/2015 15:15:51	20.38	51.35	33.80	7.57	7.98	5.9	2.652	102.3	4.6	1.1
382	7/26/2015 15:30:51	20.28	51.37	33.81	7.64	7.98	5.1	2.685	103.1	5.6	1.3
383	7/26/2015 15:45:51	20.20	51.28	33.75	7.69	7.98	5.5	2.734	103.6	5.5	1.3
384	7/26/2015 16:00:52	20.18	51.26	33.73	7.63	7.98	5.7	2.794	102.8	6.1	1.5
385	7/26/2015 16:15:52	20.07	51.27	33.74	7.58	7.97	4.8	2.837	101.9	4.3	1.0
386	7/26/2015 16:30:51	19.94	51.18	33.67	7.58	7.97	5.1	2.902	101.6	4.2	1.0
387	7/26/2015 16:45:52	19.78	51.22	33.71	7.51	7.96	5.2	2.963	100.4	4.2	1.0
388	7/26/2015 17:00:52	19.47	51.19	33.68	7.36	7.95	6.1	3.020	97.7	3.4	0.8
389	7/26/2015 17:15:52	19.06	51.11	33.63	7.42	7.96	6.0	3.100	97.8	3.9	0.9
390	7/26/2015 17:30:52	18.42	51.06	33.59	7.52	7.96	6.3	3.160	97.9	3.6	0.9
391	7/26/2015 17:45:52	18.19	51.00	33.54	7.57	7.97	5.5	3.232	98.1	3.2	0.8
392	7/26/2015 18:00:52	18.18	51.00	33.54	7.68	7.99	5.8	3.301	99.5	3.3	0.8
393	7/26/2015 18:15:52	18.06	50.98	33.52	7.71	7.99	5.9	3.369	99.6	3.5	0.8
394	7/26/2015 18:30:52	17.68	50.92	33.48	7.81	8.00	5.4	3.440	100.3	3.4	0.8
395	7/26/2015 18:45:52	17.46	50.92	33.48	7.92	8.01	6.1	3.501	101.1	3.1	0.7
396	7/26/2015 19:00:52	17.13	50.90	33.46	8.16	8.02	6.7	3.563	103.6	3.4	0.8
397	7/26/2015 19:15:52	16.68	50.85	33.42	8.33	8.04	5.1	3.618	104.8	3.4	0.8
398	7/26/2015 19:30:52	16.47	50.85	33.42	8.43	8.04	5.6	3.679	105.6	3.7	0.9
399	7/26/2015 19:45:52	16.30	50.81	33.38	8.46	8.05	3.4	3.718	105.6	3.6	0.9
400	7/26/2015 20:00:52	16.21	50.84	33.40	8.46	8.05	2.5	3.750	105.5	3.9	0.9
401	7/26/2015 20:15:52	16.18	50.84	33.40	8.42	8.05	2.9	3.782	104.9	3.0	0.7
402	7/26/2015 20:30:52	16.16	50.85	33.41	8.21	8.04	2.1	3.791	102.2	3.6	0.8
403	7/26/2015 20:45:52	16.26	50.89	33.44	8.25	8.04	2.7	3.785	103.0	3.3	0.8
404	7/26/2015 21:00:52	16.19	50.84	33.40	8.30	8.04	3.6	3.770	103.4	3.2	0.8
405	7/26/2015 21:15:52	16.27	50.85	33.41	8.28	8.04	3.5	3.744	103.3	2.8	0.7
406	7/26/2015 21:30:52	16.85	50.83	33.40	8.05	8.03	3.9	3.701	101.6	3.6	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
407	7/26/2015 21:45:52	17.32	50.94	33.49	7.61	8.01	6.8	3.625	97.0	3.9	0.9
408	7/26/2015 22:00:52	17.14	51.03	33.56	7.88	8.02	6.8	3.562	100.1	3.7	0.9
409	7/26/2015 22:15:52	17.84	50.98	33.53	7.74	8.02	7.4	3.483	99.6	3.3	0.8
410	7/26/2015 22:30:52	18.76	51.14	33.65	7.59	8.01	9.5	3.402	99.5	4.7	1.1
411	7/26/2015 22:45:52	18.75	51.16	33.66	7.67	8.01	8.1	3.312	100.5	4.6	1.1
412	7/26/2015 23:00:52	18.78	51.14	33.65	7.66	8.01	8.2	3.221	100.5	3.9	0.9
413	7/26/2015 23:15:52	18.82	51.10	33.62	7.65	8.00	7.1	3.136	100.3	5.2	1.2
414	7/26/2015 23:30:52	19.01	51.16	33.66	7.61	8.00	7.5	3.034	100.2	4.4	1.0
415	7/26/2015 23:45:52	19.56	51.26	33.73	7.54	8.00	10.3	2.944	100.4	4.6	1.1
416	7/27/2015 00:00:52	19.78	51.28	33.75	7.49	7.99	9.0	2.851	100.1	4.6	1.1
417	7/27/2015 00:15:52	20.02	51.36	33.81	7.49	7.99	8.4	2.755	100.6	4.9	1.2
418	7/27/2015 00:30:51	20.19	51.35	33.80	7.54	7.99	12.3	2.661	101.6	3.9	0.9
419	7/27/2015 00:45:51	20.11	51.37	33.81	7.51	7.98	9.7	2.560	101.0	4.3	1.0
420	7/27/2015 01:00:52	19.44	51.28	33.75	7.38	7.95	11.8	2.458	98.0	4.7	1.1
421	7/27/2015 01:15:52	19.80	51.30	33.77	7.34	7.97	9.9	2.335	98.1	5.5	1.3
422	7/27/2015 01:30:52	19.65	51.34	33.80	7.35	7.97	10.6	2.238	98.0	5.2	1.2
423	7/27/2015 01:45:52	19.68	51.36	33.81	7.32	7.96	9.6	2.159	97.7	5.4	1.3
424	7/27/2015 02:00:52	19.71	51.37	33.82	7.26	7.96	10.7	2.044	96.9	4.4	1.1
425	7/27/2015 02:15:52	19.90	51.45	33.87	7.20	7.96	9.0	1.949	96.5	4.4	1.0
426	7/27/2015 02:30:52	20.02	51.45	33.87	7.13	7.95	7.8	1.875	95.8	5.2	1.2
427	7/27/2015 02:45:52	20.08	51.48	33.90	7.05	7.95	7.6	1.815	94.8	5.0	1.2
428	7/27/2015 03:00:51	20.28	51.51	33.92	7.07	7.95	6.7	1.767	95.4	4.5	1.1
429	7/27/2015 03:15:51	20.42	51.55	33.94	7.10	7.95	6.7	1.699	96.2	4.6	1.1
430	7/27/2015 03:30:51	20.76	51.64	34.01	7.20	7.97	6.2	1.729	98.1	5.0	1.2
431	7/27/2015 03:45:51	20.77	51.69	34.05	7.19	7.97	6.2	1.728	98.0	5.2	1.2
432	7/27/2015 04:00:51	20.72	51.61	33.99	7.29	7.97	5.7	1.736	99.2	5.3	1.3
433	7/27/2015 04:15:52	20.65	51.59	33.98	7.23	7.97	5.2	1.787	98.3	4.7	1.1
434	7/27/2015 04:30:51	20.72	51.60	33.98	7.33	7.98	5.8	1.831	99.8	4.9	1.2
435	7/27/2015 04:45:52	20.72	51.62	34.00	7.34	7.97	5.6	1.921	99.9	4.8	1.1
436	7/27/2015 05:00:51	20.69	51.58	33.96	7.35	7.97	6.7	1.972	100.0	4.0	0.9
437	7/27/2015 05:15:51	20.63	51.61	33.99	7.32	7.97	5.5	2.034	99.5	4.4	1.0
438	7/27/2015 05:30:51	20.57	51.56	33.95	7.29	7.96	5.6	2.123	99.0	4.4	1.1
439	7/27/2015 05:45:51	20.97	51.87	34.18	7.08	7.95	7.7	2.193	96.9	5.1	1.2
440	7/27/2015 06:00:51	20.72	51.71	34.06	7.15	7.94	6.5	2.248	97.5	5.7	1.4
441	7/27/2015 06:15:51	20.34	51.52	33.93	7.29	7.95	5.2	2.313	98.6	4.7	1.1
442	7/27/2015 06:30:52	20.37	51.55	33.95	7.24	7.95	6.0	2.385	97.9	4.7	1.1
443	7/27/2015 06:45:51	20.45	51.57	33.96	7.27	7.95	5.5	2.450	98.4	4.9	1.2

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
444	7/27/2015 07:00:51	20.45	51.54	33.94	7.27	7.95	5.1	2.509	98.5	4.0	1.0
445	7/27/2015 07:15:51	20.32	51.52	33.92	7.28	7.95	5.1	2.585	98.4	4.3	1.0
446	7/27/2015 07:30:51	20.09	51.45	33.87	7.31	7.94	5.4	2.647	98.3	4.4	1.1
447	7/27/2015 07:45:51	19.71	51.36	33.81	7.35	7.93	4.9	2.700	98.1	4.0	0.9
448	7/27/2015 08:00:52	19.47	51.29	33.76	7.27	7.93	4.7	2.767	96.6	3.1	0.7
449	7/27/2015 08:15:52	19.28	51.25	33.73	7.29	7.94	5.1	2.833	96.5	3.2	0.8
450	7/27/2015 08:30:52	19.12	51.22	33.70	7.32	7.94	5.2	2.891	96.6	3.1	0.7
451	7/27/2015 08:45:52	19.05	51.20	33.69	7.27	7.94	5.0	2.942	95.8	3.7	0.9
452	7/27/2015 09:00:52	18.96	51.13	33.64	7.26	7.94	5.2	2.997	95.5	3.5	0.8
453	7/27/2015 09:15:52	18.82	51.14	33.64	7.29	7.94	5.3	3.052	95.7	3.1	0.7
454	7/27/2015 09:30:52	18.54	51.12	33.63	7.33	7.94	4.6	3.085	95.7	3.9	0.9
455	7/27/2015 09:45:52	18.45	51.10	33.62	7.31	7.95	4.5	3.121	95.2	3.6	0.8
456	7/27/2015 10:00:52	19.44	50.73	33.35	7.11	7.94	6.0	3.146	94.2	3.8	0.9
457	7/27/2015 10:15:52	18.30	51.10	33.61	7.20	7.94	3.0	3.166	93.6	3.0	0.7
458	7/27/2015 10:30:52	18.67	51.19	33.68	7.11	7.94	3.9	3.164	93.1	3.4	0.8
459	7/27/2015 10:45:52	18.39	51.08	33.60	7.18	7.94	4.5	3.148	93.4	2.9	0.7
460	7/27/2015 11:00:52	18.37	51.06	33.59	7.23	7.94	4.0	3.138	94.0	2.3	0.6
461	7/27/2015 11:15:52	18.61	51.08	33.60	7.14	7.94	5.8	3.098	93.4	2.4	0.6
462	7/27/2015 11:30:52	18.95	51.24	33.72	7.28	7.95	4.8	3.053	95.9	3.3	0.8
463	7/27/2015 11:45:52	19.12	51.14	33.64	7.35	7.95	5.1	2.999	96.9	3.8	0.9
464	7/27/2015 12:00:52	19.22	51.22	33.70	7.37	7.95	5.8	2.947	97.5	3.3	0.8
465	7/27/2015 12:15:52	19.48	51.25	33.73	7.38	7.95	5.8	2.894	98.1	3.6	0.8
466	7/27/2015 12:30:52	19.63	51.28	33.75	7.40	7.95	5.2	2.822	98.6	3.1	0.7
467	7/27/2015 12:45:52	19.77	51.30	33.76	7.36	7.95	4.7	2.779	98.3	3.6	0.8
468	7/27/2015 13:00:52	19.91	51.36	33.81	7.35	7.95	4.8	2.717	98.5	4.0	1.0
469	7/27/2015 13:15:52	20.01	51.34	33.80	7.34	7.95	4.9	2.675	98.6	3.4	0.8
470	7/27/2015 13:30:52	20.24	51.44	33.86	7.37	7.95	5.7	2.631	99.4	3.8	0.9
471	7/27/2015 13:45:52	20.43	51.47	33.88	7.36	7.95	4.3	2.586	99.6	3.0	0.7
472	7/27/2015 14:00:52	20.59	51.47	33.89	7.41	7.95	4.5	2.558	100.6	3.9	0.9
473	7/27/2015 14:15:52	20.67	51.50	33.91	7.46	7.95	4.0	2.526	101.5	3.6	0.9
474	7/27/2015 14:30:51	20.75	51.52	33.92	7.44	7.95	3.3	2.521	101.3	3.0	0.7
475	7/27/2015 14:45:51	20.86	51.51	33.91	7.64	7.96	4.5	2.488	104.3	4.2	1.0
476	7/27/2015 15:00:52	20.90	51.54	33.94	7.53	7.96	3.0	2.483	102.8	3.7	0.9
477	7/27/2015 15:15:52	20.99	51.56	33.95	7.71	7.98	4.4	2.510	105.5	3.2	0.8
478	7/27/2015 15:30:51	20.95	51.56	33.95	7.88	7.98	4.2	2.533	107.8	4.1	1.0
479	7/27/2015 15:45:51	20.80	51.52	33.92	7.79	7.96	3.7	2.540	106.2	4.1	1.0
480	7/27/2015 16:00:51	20.83	51.53	33.93	7.84	7.97	4.0	2.574	107.0	4.3	1.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
481	7/27/2015 16:15:51	20.80	51.51	33.91	7.91	7.97	4.8	2.634	107.8	3.9	0.9
482	7/27/2015 16:30:51	20.78	51.43	33.85	8.00	7.98	4.1	2.680	108.9	5.1	1.2
483	7/27/2015 16:45:51	20.52	51.43	33.86	7.92	7.97	3.9	2.724	107.3	4.8	1.1
484	7/27/2015 17:00:51	20.50	51.40	33.84	7.93	7.97	4.0	2.784	107.4	4.9	1.2
485	7/27/2015 17:15:51	20.49	51.37	33.81	7.99	7.97	5.4	2.855	108.2	5.4	1.3
486	7/27/2015 17:30:52	20.32	51.36	33.81	7.88	7.97	4.2	2.919	106.4	4.4	1.0
487	7/27/2015 17:45:51	20.24	51.30	33.77	7.95	7.97	4.2	2.968	107.1	4.3	1.0
488	7/27/2015 18:00:52	19.76	51.23	33.71	7.86	7.96	4.4	3.047	105.0	4.4	1.1
489	7/27/2015 18:15:52	19.12	51.17	33.67	7.84	7.96	4.9	3.117	103.5	3.4	0.8
490	7/27/2015 18:30:52	18.54	51.08	33.60	7.88	7.96	4.9	3.182	102.8	3.2	0.8
491	7/27/2015 18:45:52	18.24	51.00	33.54	7.89	7.97	5.1	3.251	102.4	3.3	0.8
492	7/27/2015 19:00:52	18.13	51.05	33.58	7.94	7.98	4.8	3.330	102.8	4.0	0.9
493	7/27/2015 19:15:52	18.05	50.99	33.53	7.99	7.98	4.5	3.405	103.2	4.3	1.0
494	7/27/2015 19:30:52	17.84	51.01	33.54	8.04	7.99	4.4	3.471	103.6	3.6	0.9
495	7/27/2015 19:45:52	17.14	50.95	33.50	8.24	8.00	5.6	3.546	104.6	3.7	0.9
496	7/27/2015 20:00:52	16.63	50.90	33.45	8.40	8.01	5.5	3.618	105.6	4.8	1.1
497	7/27/2015 20:15:52	16.27	50.88	33.43	8.44	8.02	4.6	3.669	105.4	3.6	0.8
498	7/27/2015 20:30:52	16.17	50.87	33.42	8.43	8.02	4.5	3.725	105.0	2.6	0.6
499	7/27/2015 20:45:52	16.01	50.87	33.42	8.44	8.03	5.8	3.769	104.8	4.1	1.0
500	7/27/2015 21:00:52	15.88	50.87	33.42	8.43	8.03	3.6	3.806	104.3	3.6	0.8
501	7/27/2015 21:15:52	15.78	50.84	33.40	8.38	8.03	2.6	3.825	103.6	4.7	1.1
502	7/27/2015 21:30:52	15.93	50.67	33.28	8.04	8.00	2.3	3.834	99.5	5.0	1.2
503	7/27/2015 21:45:52	15.97	50.87	33.42	8.18	8.02	5.8	3.827	101.5	3.0	0.7
504	7/27/2015 22:00:52	15.84	50.84	33.39	8.23	8.02	3.3	3.807	101.9	3.5	0.8
505	7/27/2015 22:15:52	16.01	50.85	33.40	8.17	8.02	3.7	3.757	101.4	3.3	0.8
506	7/27/2015 22:30:52	16.61	50.90	33.45	7.99	8.01	6.3	3.696	100.4	3.9	0.9
507	7/27/2015 22:45:52	16.70	50.90	33.45	8.01	8.01	8.5	3.638	100.8	4.6	1.1
508	7/27/2015 23:00:52	16.55	50.90	33.45	8.08	8.00	9.9	3.546	101.4	4.0	1.0
509	7/27/2015 23:15:52	17.34	51.08	33.59	7.90	8.00	8.7	3.457	100.8	3.6	0.9
510	7/27/2015 23:30:52	18.33	51.12	33.63	7.68	7.99	10.9	3.360	99.9	4.6	1.1
511	7/27/2015 23:45:52	18.55	51.22	33.71	7.69	7.99	10.7	3.266	100.5	4.7	1.1
512	7/28/2015 00:00:52	18.76	51.25	33.73	7.66	7.98	11.2	3.167	100.4	4.7	1.1
513	7/28/2015 00:15:52	18.93	51.31	33.78	7.62	7.97	12.0	3.053	100.3	4.4	1.0
514	7/28/2015 00:30:52	19.47	51.32	33.78	7.49	7.97	15.4	2.953	99.5	5.3	1.3
515	7/28/2015 00:45:52	19.49	51.38	33.82	7.46	7.96	14.1	2.859	99.2	5.7	1.3
516	7/28/2015 01:00:52	19.86	51.46	33.88	7.31	7.94	15.4	2.732	98.0	6.0	1.4
517	7/28/2015 01:15:52	19.79	51.49	33.90	7.39	7.95	15.9	2.631	98.9	4.6	1.1

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
518	7/28/2015 01:30:52	19.52	51.44	33.87	7.42	7.94	14.6	2.515	98.7	5.5	1.3
519	7/28/2015 01:45:52	19.40	51.35	33.80	7.32	7.94	15.6	2.388	97.2	5.0	1.2
520	7/28/2015 02:00:52	19.02	51.37	33.81	7.41	7.94	14.4	2.284	97.6	5.3	1.3
521	7/28/2015 02:15:52	19.16	51.36	33.81	7.30	7.93	16.4	2.146	96.5	4.8	1.2
522	7/28/2015 02:30:52	19.33	51.42	33.85	7.34	7.94	16.4	2.029	97.3	5.1	1.2
523	7/28/2015 02:45:52	19.59	51.52	33.92	7.27	7.94	16.2	1.935	96.9	5.5	1.3
524	7/28/2015 03:00:51	19.59	51.50	33.91	7.19	7.93	13.2	1.816	95.9	4.4	1.0
525	7/28/2015 03:15:52	19.84	51.58	33.97	7.11	7.93	13.6	1.709	95.3	5.1	1.2
526	7/28/2015 03:30:52	20.05	51.65	34.02	7.08	7.93	15.1	1.634	95.3	5.7	1.4
527	7/28/2015 03:45:51	20.08	51.48	33.89	7.09	7.92	13.6	1.583	95.4	5.6	1.3
528	7/28/2015 04:00:52	20.28	51.63	34.01	6.92	7.92	10.1	1.538	93.5	4.1	1.0
529	7/28/2015 04:15:52	20.36	51.68	34.04	6.75	7.92	8.9	1.490	91.4	5.4	1.3
530	7/28/2015 04:30:51	20.39	51.67	34.04	6.96	7.92	8.9	1.513	94.2	4.7	1.1
531	7/28/2015 04:45:51	20.55	51.72	34.07	7.11	7.94	10.3	1.549	96.6	4.9	1.2
532	7/28/2015 05:00:52	20.37	51.63	34.01	7.08	7.93	9.2	1.577	95.9	4.6	1.1
533	7/28/2015 05:15:51	20.58	51.70	34.06	7.15	7.94	10.8	1.632	97.1	4.7	1.1
534	7/28/2015 05:30:51	20.48	51.67	34.04	7.18	7.94	9.6	1.705	97.4	5.7	1.4
535	7/28/2015 05:45:51	20.46	51.68	34.04	7.14	7.94	10.1	1.780	96.8	4.9	1.2
536	7/28/2015 06:00:51	20.42	51.62	34.00	7.12	7.94	10.6	1.855	96.5	5.0	1.2
537	7/28/2015 06:15:51	20.53	51.76	34.10	7.00	7.93	11.2	1.918	95.0	5.4	1.3
538	7/28/2015 06:30:52	20.50	51.85	34.16	6.92	7.92	10.0	1.995	94.0	5.0	1.2
539	7/28/2015 06:45:51	20.34	51.72	34.07	7.01	7.92	11.4	2.075	94.8	4.9	1.2
540	7/28/2015 07:00:52	20.18	51.69	34.05	6.99	7.92	9.2	2.162	94.3	4.5	1.1
541	7/28/2015 07:15:51	19.98	51.53	33.93	7.11	7.92	9.1	2.235	95.5	3.8	0.9
542	7/28/2015 07:30:51	20.07	51.61	34.00	7.11	7.93	8.7	2.312	95.7	4.4	1.1
543	7/28/2015 07:45:51	20.10	51.60	33.99	7.12	7.93	8.5	2.394	95.9	4.4	1.0
544	7/28/2015 08:00:52	19.98	51.56	33.95	7.10	7.92	8.7	2.477	95.3	4.3	1.0
545	7/28/2015 08:15:52	19.71	51.48	33.90	7.12	7.92	8.4	2.550	95.2	4.3	1.0
546	7/28/2015 08:30:52	19.22	51.32	33.78	7.27	7.92	8.5	2.627	96.1	3.9	0.9
547	7/28/2015 08:45:52	19.05	51.31	33.77	7.26	7.92	8.3	2.698	95.7	3.8	0.9
548	7/28/2015 09:00:52	18.90	51.25	33.73	7.24	7.92	9.0	2.776	95.2	3.7	0.9
549	7/28/2015 09:15:52	18.84	51.26	33.74	7.24	7.93	8.8	2.843	95.0	4.3	1.0
550	7/28/2015 09:30:52	18.71	51.20	33.69	7.27	7.93	9.2	2.910	95.2	4.0	1.0
551	7/28/2015 09:45:52	18.39	51.08	33.60	7.31	7.93	9.9	2.975	95.1	3.5	0.8
552	7/28/2015 10:00:52	18.15	51.15	33.65	7.37	7.93	10.9	3.029	95.5	3.4	0.8
553	7/28/2015 10:15:52	17.94	51.11	33.62	7.43	7.94	9.0	3.091	95.9	3.5	0.8
554	7/28/2015 10:30:52	17.63	51.04	33.57	7.54	7.95	7.4	3.137	96.6	3.6	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
555	7/28/2015 10:45:52	17.28	51.03	33.55	7.62	7.95	7.4	3.182	97.1	3.6	0.9
556	7/28/2015 11:00:52	16.90	50.94	33.49	7.71	7.96	5.6	3.202	97.4	2.6	0.6
557	7/28/2015 11:15:52	16.81	50.98	33.52	7.57	7.96	3.5	3.222	95.5	2.4	0.6
558	7/28/2015 11:30:52	17.12	50.99	33.53	7.55	7.96	5.0	3.228	95.9	3.8	0.9
559	7/28/2015 11:45:52	16.87	50.97	33.51	7.59	7.96	4.8	3.193	95.8	2.9	0.7
560	7/28/2015 12:00:52	17.13	50.97	33.51	7.47	7.95	7.1	3.158	94.8	3.0	0.7
561	7/28/2015 12:15:52	17.45	51.04	33.57	7.44	7.95	8.2	3.119	95.1	2.7	0.6
562	7/28/2015 12:30:52	18.04	51.08	33.60	7.40	7.95	7.4	3.059	95.6	3.3	0.8
563	7/28/2015 12:45:52	18.77	51.14	33.65	7.50	7.96	7.8	2.999	98.3	3.8	0.9
564	7/28/2015 13:00:52	18.95	51.22	33.70	7.61	7.96	7.7	2.924	100.1	3.5	0.8
565	7/28/2015 13:15:52	18.91	51.21	33.70	7.56	7.95	8.2	2.867	99.4	3.5	0.8
566	7/28/2015 13:30:52	19.16	51.23	33.71	7.59	7.96	5.9	2.808	100.3	3.0	0.7
567	7/28/2015 13:45:52	19.54	51.30	33.76	7.67	7.96	7.1	2.742	102.1	3.2	0.8
568	7/28/2015 14:00:52	19.77	51.33	33.79	7.74	7.97	6.8	2.674	103.4	3.5	0.8
569	7/28/2015 14:15:52	19.96	51.38	33.82	7.72	7.96	6.1	2.643	103.6	3.8	0.9
570	7/28/2015 14:30:51	20.17	51.40	33.84	7.77	7.96	6.5	2.594	104.6	3.9	0.9
571	7/28/2015 14:45:51	20.27	51.40	33.83	7.82	7.96	6.3	2.530	105.6	3.6	0.9
572	7/28/2015 15:00:51	20.40	51.47	33.89	7.86	7.96	6.3	2.499	106.3	4.6	1.1
573	7/28/2015 15:15:51	20.48	51.44	33.86	7.91	7.96	6.5	2.472	107.2	4.0	0.9
574	7/28/2015 15:30:51	20.55	51.50	33.91	7.90	7.96	5.0	2.447	107.2	4.6	1.1
575	7/28/2015 15:45:51	20.69	51.50	33.90	8.00	7.97	5.6	2.432	108.9	4.9	1.2
576	7/28/2015 16:00:51	20.78	51.51	33.91	7.94	7.97	5.2	2.423	108.1	4.3	1.0
577	7/28/2015 16:15:51	20.80	51.62	33.99	8.07	7.97	5.1	2.432	110.0	4.9	1.2
578	7/28/2015 16:30:52	20.61	51.53	33.93	8.12	7.97	5.7	2.457	110.4	4.1	1.0
579	7/28/2015 16:45:51	20.54	51.49	33.90	8.22	7.97	5.4	2.483	111.5	4.8	1.1
580	7/28/2015 17:00:51	20.73	51.48	33.89	8.41	7.99	6.0	2.518	114.5	6.3	1.5
581	7/28/2015 17:15:51	20.69	51.48	33.89	8.43	7.99	6.1	2.578	114.6	6.1	1.4
582	7/28/2015 17:30:52	20.47	51.45	33.87	8.19	7.97	6.7	2.632	111.0	5.3	1.3
583	7/28/2015 17:45:52	20.62	51.48	33.89	8.15	7.97	6.7	2.697	110.8	4.7	1.1
584	7/28/2015 18:00:51	20.42	51.43	33.86	8.23	7.97	7.4	2.760	111.4	4.7	1.1
585	7/28/2015 18:15:51	20.14	51.36	33.81	8.22	7.96	6.8	2.834	110.7	4.0	1.0
586	7/28/2015 18:30:52	19.59	51.32	33.78	8.02	7.95	7.4	2.905	106.9	3.7	0.9
587	7/28/2015 18:45:52	19.02	51.23	33.71	7.96	7.95	9.2	2.985	104.9	3.3	0.8
588	7/28/2015 19:00:52	18.31	51.16	33.66	8.05	7.96	7.0	3.053	104.6	3.8	0.9
589	7/28/2015 19:15:52	17.78	51.09	33.60	8.03	7.96	6.8	3.141	103.2	3.4	0.8
590	7/28/2015 19:30:52	17.68	51.10	33.61	7.97	7.96	6.5	3.227	102.3	4.3	1.0
591	7/28/2015 19:45:52	17.42	51.06	33.58	8.03	7.97	9.4	3.305	102.6	3.8	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
592	7/28/2015 20:00:52	16.94	51.03	33.55	8.17	7.97	9.5	3.387	103.3	3.9	0.9
593	7/28/2015 20:15:52	16.25	50.95	33.48	8.33	7.97	10.1	3.472	103.9	4.6	1.1
594	7/28/2015 20:30:52	15.64	50.80	33.36	8.45	7.98	7.8	3.561	104.1	3.6	0.9
595	7/28/2015 20:45:51	15.26	50.86	33.40	8.53	7.98	6.5	3.629	104.4	4.5	1.1
596	7/28/2015 21:00:52	15.04	50.88	33.41	8.46	7.98	7.0	3.701	103.1	4.1	1.0
597	7/28/2015 21:15:52	14.73	50.81	33.35	8.45	7.98	6.5	3.770	102.2	3.7	0.9
598	7/28/2015 21:30:52	14.21	50.90	33.40	8.43	7.97	6.3	3.827	101.0	4.0	1.0
599	7/28/2015 21:45:51	13.86	50.87	33.37	8.51	7.98	4.3	3.863	101.2	4.4	1.0
600	7/28/2015 22:00:51	13.76	50.86	33.35	8.50	7.98	4.9	3.900	100.9	4.4	1.0
601	7/28/2015 22:15:52	13.64	50.91	33.39	8.34	7.97	3.1	3.921	98.7	4.1	1.0
602	7/28/2015 22:30:52	13.91	50.95	33.43	8.28	7.97	4.1	3.912	98.6	3.7	0.9
603	7/28/2015 22:45:52	13.69	50.90	33.39	8.30	7.97	5.2	3.893	98.4	3.7	0.9
604	7/28/2015 23:00:52	13.79	50.79	33.31	8.28	7.97	4.6	3.852	98.3	2.8	0.7
605	7/28/2015 23:15:52	15.26	50.89	33.42	7.94	7.98	8.7	3.775	97.2	3.5	0.8
606	7/28/2015 23:30:52	15.13	50.92	33.44	8.06	7.97	6.9	3.698	98.3	3.8	0.9
607	7/28/2015 23:45:52	15.67	50.97	33.49	7.98	7.98	6.0	3.620	98.5	3.8	0.9
608	7/29/2015 00:00:51	16.72	51.06	33.57	7.92	7.99	7.8	3.515	99.8	3.5	0.8
609	7/29/2015 00:15:52	17.32	51.15	33.65	7.89	8.00	9.3	3.398	100.6	3.8	0.9
610	7/29/2015 00:30:52	17.29	51.10	33.61	7.99	7.99	9.7	3.309	101.8	4.7	1.1
611	7/29/2015 00:45:52	17.55	51.16	33.65	7.88	7.98	8.8	3.197	100.9	4.6	1.1
612	7/29/2015 01:00:52	17.96	51.20	33.68	7.81	7.98	8.4	3.067	100.9	4.3	1.0
613	7/29/2015 01:15:52	18.09	51.26	33.73	7.71	7.97	7.6	2.961	99.8	4.8	1.1
614	7/29/2015 01:30:52	18.47	51.33	33.78	7.67	7.97	10.1	2.853	100.0	4.2	1.0
615	7/29/2015 01:45:52	19.04	51.37	33.82	7.53	7.96	11.2	2.721	99.3	4.3	1.0
616	7/29/2015 02:00:52	19.30	51.41	33.85	7.54	7.96	9.0	2.604	99.9	5.1	1.2
617	7/29/2015 02:15:52	18.18	51.31	33.77	7.59	7.93	11.4	2.468	98.5	4.6	1.1
618	7/29/2015 02:30:52	19.10	51.41	33.85	7.66	7.96	12.5	2.340	101.1	4.6	1.1
619	7/29/2015 02:45:52	18.80	51.36	33.81	7.73	7.96	11.8	2.222	101.4	4.6	1.1
620	7/29/2015 03:00:52	19.12	51.44	33.87	7.70	7.96	11.5	2.079	101.7	4.7	1.1
621	7/29/2015 03:15:52	19.50	51.52	33.92	7.69	7.96	12.1	1.945	102.4	4.6	1.1
622	7/29/2015 03:30:51	19.57	51.55	33.95	7.60	7.95	10.9	1.820	101.3	4.3	1.0
623	7/29/2015 03:45:52	19.80	51.58	33.97	7.47	7.95	9.6	1.713	100.0	4.4	1.1
624	7/29/2015 04:00:52	20.09	51.62	34.00	7.35	7.94	8.4	1.587	99.0	5.1	1.2
625	7/29/2015 04:15:51	20.31	51.66	34.03	7.43	7.95	8.1	1.487	100.4	4.5	1.1
626	7/29/2015 04:30:51	20.50	51.73	34.08	7.41	7.95	7.0	1.418	100.6	4.5	1.1
627	7/29/2015 04:45:51	20.58	51.74	34.09	7.36	7.94	6.8	1.375	100.0	5.2	1.2
628	7/29/2015 05:00:51	20.64	51.73	34.08	7.28	7.93	6.0	1.328	99.0	5.0	1.2

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
629	7/29/2015 05:15:52	20.78	51.81	34.13	7.25	7.94	5.2	1.336	99.0	5.6	1.3
630	7/29/2015 05:30:52	20.73	51.76	34.10	7.48	7.95	5.2	1.378	102.0	5.4	1.3
631	7/29/2015 05:45:51	20.66	51.79	34.12	7.61	7.95	4.9	1.445	103.6	4.8	1.2
632	7/29/2015 06:00:51	21.18	51.93	34.22	7.77	7.98	6.8	1.487	106.8	4.7	1.1
633	7/29/2015 06:15:51	21.15	51.92	34.21	7.88	7.98	5.8	1.584	108.3	4.1	1.0
634	7/29/2015 06:30:51	21.02	51.90	34.20	7.84	7.97	5.6	1.682	107.5	4.4	1.0
635	7/29/2015 06:45:51	20.94	51.82	34.14	7.79	7.96	5.6	1.751	106.6	4.0	1.0
636	7/29/2015 07:00:51	21.03	51.92	34.22	7.59	7.94	6.6	1.845	104.1	3.7	0.9
637	7/29/2015 07:15:51	20.85	51.86	34.17	7.61	7.93	6.4	1.930	103.9	4.3	1.0
638	7/29/2015 07:30:51	20.80	51.85	34.16	7.56	7.93	6.7	2.004	103.2	4.2	1.0
639	7/29/2015 07:45:51	20.76	51.85	34.17	7.55	7.93	6.1	2.102	103.0	4.3	1.0
640	7/29/2015 08:00:51	20.73	51.84	34.15	7.52	7.93	6.2	2.196	102.5	4.6	1.1
641	7/29/2015 08:15:51	20.27	51.67	34.04	7.57	7.92	6.3	2.275	102.3	4.2	1.0
642	7/29/2015 08:30:52	20.01	51.56	33.96	7.44	7.91	6.3	2.367	99.9	4.0	0.9
643	7/29/2015 08:45:52	19.70	51.52	33.93	7.42	7.90	7.1	2.466	99.2	3.7	0.9
644	7/29/2015 09:00:52	19.39	51.45	33.88	7.41	7.90	7.2	2.555	98.5	3.8	0.9
645	7/29/2015 09:15:52	19.12	51.36	33.81	7.42	7.90	8.4	2.640	98.0	3.1	0.7
646	7/29/2015 09:30:52	18.99	51.33	33.79	7.40	7.91	8.5	2.727	97.5	3.7	0.9
647	7/29/2015 09:45:51	18.82	51.33	33.79	7.45	7.91	9.5	2.810	97.8	3.4	0.8
648	7/29/2015 10:00:52	18.60	51.30	33.76	7.40	7.90	11.8	2.896	96.8	3.4	0.8
649	7/29/2015 10:15:52	18.12	51.23	33.71	7.50	7.91	14.7	2.975	97.1	3.8	0.9
650	7/29/2015 10:30:52	17.75	51.15	33.65	7.57	7.91	13.6	3.048	97.3	3.9	0.9
651	7/29/2015 10:45:52	17.03	51.12	33.62	7.72	7.92	12.6	3.122	97.9	4.0	1.0
652	7/29/2015 11:00:52	16.63	51.02	33.54	7.82	7.92	12.1	3.193	98.4	3.6	0.8
653	7/29/2015 11:15:52	16.22	51.03	33.54	7.93	7.94	11.2	3.254	99.0	3.3	0.8
654	7/29/2015 11:30:52	15.94	50.94	33.47	7.96	7.94	7.3	3.296	98.8	3.2	0.8
655	7/29/2015 11:45:52	15.83	51.00	33.51	7.95	7.95	5.3	3.339	98.4	3.1	0.7
656	7/29/2015 12:00:52	15.80	50.95	33.48	7.83	7.95	4.3	3.366	96.9	3.3	0.8
657	7/29/2015 12:15:52	15.96	51.06	33.56	7.82	7.94	6.0	3.365	97.1	3.3	0.8
658	7/29/2015 12:30:52	15.96	50.97	33.49	7.79	7.94	5.6	3.345	96.6	3.1	0.7
659	7/29/2015 12:45:52	16.03	50.98	33.50	7.79	7.95	7.8	3.307	96.8	3.1	0.7
660	7/29/2015 13:00:52	16.32	51.04	33.55	7.71	7.94	6.5	3.253	96.4	3.9	0.9
661	7/29/2015 13:15:52	17.07	51.09	33.60	7.67	7.95	9.9	3.179	97.3	3.6	0.8
662	7/29/2015 13:30:52	17.96	51.13	33.63	7.80	7.96	7.8	3.102	100.8	2.8	0.7
663	7/29/2015 13:45:52	18.17	51.10	33.62	7.87	7.95	7.1	3.029	102.0	3.2	0.8
664	7/29/2015 14:00:52	18.99	51.23	33.71	7.78	7.96	8.5	2.951	102.4	3.6	0.8
665	7/29/2015 14:15:52	19.64	51.36	33.81	7.88	7.97	8.9	2.876	105.1	3.2	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
666	7/29/2015 14:30:52	19.67	51.31	33.77	8.12	7.98	8.6	2.817	108.3	3.6	0.8
667	7/29/2015 14:45:51	20.37	51.46	33.88	8.18	7.99	7.8	2.738	110.5	3.7	0.9
668	7/29/2015 15:00:51	20.50	51.52	33.92	8.27	7.99	6.5	2.676	112.1	4.4	1.0
669	7/29/2015 15:15:51	20.65	51.52	33.92	8.28	7.99	5.5	2.615	112.6	3.9	0.9
670	7/29/2015 15:30:51	20.73	51.51	33.91	8.31	7.99	5.6	2.558	113.1	3.9	0.9
671	7/29/2015 15:45:52	20.77	51.49	33.90	8.44	8.00	6.6	2.504	114.9	3.8	0.9
672	7/29/2015 16:00:52	20.70	51.47	33.89	8.78	8.01	6.0	2.455	119.4	4.4	1.0
673	7/29/2015 16:15:52	21.09	51.54	33.93	8.74	8.02	5.2	2.432	119.8	4.5	1.1
674	7/29/2015 16:30:51	21.23	51.55	33.94	8.92	8.03	5.6	2.387	122.5	4.2	1.0
675	7/29/2015 16:45:51	21.41	51.63	34.00	8.73	8.02	4.5	2.380	120.3	4.4	1.1
676	7/29/2015 17:00:51	21.03	51.45	33.87	8.93	8.01	4.8	2.385	122.1	4.3	1.0
677	7/29/2015 17:15:51	21.07	51.48	33.89	8.87	8.01	5.1	2.400	121.5	5.2	1.2
678	7/29/2015 17:30:51	21.13	51.54	33.93	8.79	8.01	4.8	2.432	120.6	5.4	1.3
679	7/29/2015 17:45:51	21.11	51.57	33.96	8.75	8.00	6.2	2.473	120.0	5.3	1.3
680	7/29/2015 18:00:51	21.02	51.54	33.94	8.68	8.00	6.5	2.527	118.8	5.2	1.2
681	7/29/2015 18:15:51	21.29	51.53	33.92	8.42	7.98	9.4	2.593	115.8	6.3	1.5
682	7/29/2015 18:30:51	20.86	51.49	33.90	8.55	7.98	7.1	2.669	116.7	4.9	1.2
683	7/29/2015 18:45:51	20.57	51.43	33.85	8.46	7.98	6.5	2.738	114.8	5.2	1.2
684	7/29/2015 19:00:52	20.18	51.41	33.84	8.30	7.96	7.4	2.816	111.8	5.2	1.2
685	7/29/2015 19:15:52	19.56	51.31	33.77	8.09	7.94	8.1	2.900	107.7	4.7	1.1
686	7/29/2015 19:30:52	19.02	51.24	33.72	7.90	7.93	7.3	2.977	104.1	4.6	1.1
687	7/29/2015 19:45:52	18.58	51.22	33.70	7.84	7.93	6.7	3.060	102.5	3.6	0.8
688	7/29/2015 20:00:52	18.17	51.15	33.65	7.88	7.93	7.5	3.144	102.1	3.6	0.9
689	7/29/2015 20:15:52	17.22	51.05	33.57	8.00	7.93	9.1	3.238	101.8	3.5	0.8
690	7/29/2015 20:30:52	16.54	51.03	33.54	8.06	7.94	9.6	3.328	101.3	4.0	1.0
691	7/29/2015 20:45:52	16.14	50.97	33.49	8.12	7.94	9.0	3.419	101.1	5.0	1.2
692	7/29/2015 21:00:52	15.51	50.97	33.49	8.21	7.94	10.2	3.517	101.0	4.0	0.9
693	7/29/2015 21:15:52	14.88	50.97	33.47	8.33	7.95	9.9	3.608	101.1	4.4	1.0
694	7/29/2015 21:30:52	14.22	50.95	33.44	8.43	7.96	8.1	3.694	101.0	4.1	1.0
695	7/29/2015 21:45:52	14.09	50.93	33.42	8.41	7.96	7.7	3.773	100.6	4.7	1.1
696	7/29/2015 22:00:52	13.82	50.92	33.40	8.52	7.97	6.2	3.853	101.2	4.6	1.1
697	7/29/2015 22:15:52	13.59	50.93	33.40	8.58	7.98	5.9	3.916	101.4	5.4	1.3
698	7/29/2015 22:30:52	13.35	50.96	33.41	8.69	7.99	5.8	3.964	102.3	5.2	1.2
699	7/29/2015 22:45:51	13.28	50.86	33.34	8.81	8.00	5.6	4.009	103.5	4.0	0.9
700	7/29/2015 23:00:52	13.25	50.92	33.38	8.68	8.00	3.2	4.030	102.0	7.0	1.7
701	7/29/2015 23:15:52	13.43	51.01	33.45	8.30	7.98	3.3	4.038	97.9	5.9	1.4
702	7/29/2015 23:30:52	13.54	50.92	33.39	8.45	7.98	5.4	4.024	99.8	3.9	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
703	7/29/2015 23:45:52	13.37	50.92	33.38	8.56	7.99	4.5	3.974	100.8	4.4	1.1
704	7/30/2015 00:00:52	13.85	50.93	33.41	8.38	7.98	5.8	3.923	99.6	4.2	1.0
705	7/30/2015 00:15:52	14.16	50.96	33.45	8.24	7.97	7.4	3.838	98.7	3.8	0.9
706	7/30/2015 00:30:52	14.16	51.00	33.47	8.26	7.97	7.7	3.736	98.9	4.7	1.1
707	7/30/2015 00:45:52	15.36	51.05	33.54	8.03	7.98	7.3	3.636	98.5	3.7	0.9
708	7/30/2015 01:00:52	16.63	51.14	33.63	7.85	7.99	8.9	3.511	98.8	6.8	1.6
709	7/30/2015 01:15:52	16.79	51.12	33.62	7.93	7.98	12.0	3.406	100.1	3.9	0.9
710	7/30/2015 01:30:52	17.28	51.15	33.64	7.71	7.96	8.9	3.271	98.3	4.1	1.0
711	7/30/2015 01:45:52	17.29	51.21	33.69	7.72	7.96	9.0	3.153	98.4	4.1	1.0
712	7/30/2015 02:00:52	17.69	51.08	33.60	7.72	7.96	8.9	3.027	99.1	4.2	1.0
713	7/30/2015 02:15:52	18.43	51.29	33.75	7.63	7.97	9.2	2.898	99.4	3.5	0.8
714	7/30/2015 02:30:52	18.48	51.26	33.74	7.47	7.95	9.3	2.772	97.4	4.3	1.0
715	7/30/2015 02:45:52	17.82	51.21	33.70	7.41	7.92	11.4	2.623	95.5	4.4	1.0
716	7/30/2015 03:00:52	18.04	51.26	33.73	7.55	7.94	10.6	2.484	97.6	4.2	1.0
717	7/30/2015 03:15:52	18.54	51.38	33.83	7.64	7.96	10.6	2.353	99.9	4.4	1.0
718	7/30/2015 03:30:52	18.93	51.43	33.86	7.68	7.97	12.5	2.202	101.1	4.4	1.0
719	7/30/2015 03:45:52	19.52	51.50	33.91	7.68	7.98	11.2	2.066	102.3	4.6	1.1
720	7/30/2015 04:00:52	19.36	51.52	33.93	7.61	7.96	11.3	1.916	101.0	4.3	1.0
721	7/30/2015 04:15:52	19.83	51.57	33.97	7.50	7.96	10.0	1.778	100.5	5.2	1.2
722	7/30/2015 04:30:52	20.13	51.60	33.98	7.42	7.96	9.3	1.633	100.0	5.1	1.2
723	7/30/2015 04:45:52	20.45	51.67	34.04	7.41	7.96	8.4	1.513	100.5	4.8	1.2
724	7/30/2015 05:00:51	20.77	51.71	34.07	7.45	7.96	8.2	1.399	101.5	4.2	1.0
725	7/30/2015 05:15:51	20.90	51.76	34.09	7.40	7.96	7.3	1.314	101.1	4.2	1.0
726	7/30/2015 05:30:52	21.04	51.81	34.14	7.34	7.96	6.6	1.261	100.7	4.8	1.1
727	7/30/2015 05:45:51	21.27	51.83	34.14	7.43	7.96	4.5	1.227	102.2	5.3	1.3
728	7/30/2015 06:00:51	21.49	51.88	34.18	7.34	7.97	6.0	1.249	101.5	4.7	1.1
729	7/30/2015 06:15:51	21.12	51.82	34.14	7.55	7.96	4.9	1.280	103.7	4.4	1.0
730	7/30/2015 06:30:51	21.38	51.89	34.19	7.66	7.97	5.1	1.368	105.7	4.5	1.1
731	7/30/2015 06:45:51	21.59	51.91	34.21	7.77	7.99	5.6	1.446	107.6	4.5	1.1
732	7/30/2015 07:00:51	21.54	51.89	34.19	7.84	7.99	5.9	1.520	108.5	4.4	1.1
733	7/30/2015 07:15:51	21.40	51.91	34.21	7.83	7.98	5.4	1.629	108.0	3.8	0.9
734	7/30/2015 07:30:51	21.48	51.94	34.23	7.56	7.95	6.5	1.714	104.5	4.8	1.1
735	7/30/2015 07:45:51	21.41	51.87	34.18	7.51	7.94	7.0	1.815	103.7	5.1	1.2
736	7/30/2015 08:00:51	21.22	51.88	34.18	7.52	7.94	7.0	1.898	103.4	4.8	1.1
737	7/30/2015 08:15:52	21.10	51.85	34.16	7.46	7.94	6.6	1.992	102.4	3.9	0.9
738	7/30/2015 08:30:52	21.04	51.84	34.16	7.49	7.95	6.5	2.104	102.7	4.5	1.1
739	7/30/2015 08:45:51	20.64	51.72	34.07	7.52	7.94	6.2	2.195	102.3	4.1	1.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
740	7/30/2015 09:00:51	20.35	51.63	34.00	7.40	7.92	6.7	2.302	100.1	3.8	0.9
741	7/30/2015 09:15:51	20.12	51.58	33.97	7.28	7.91	6.9	2.401	98.1	4.4	1.0
742	7/30/2015 09:30:52	19.76	51.52	33.93	7.25	7.90	8.4	2.507	97.0	3.8	0.9
743	7/30/2015 09:45:52	19.50	51.45	33.88	7.25	7.90	8.9	2.608	96.5	4.2	1.0
744	7/30/2015 10:00:52	19.27	51.44	33.87	7.24	7.90	10.4	2.704	95.9	3.9	0.9
745	7/30/2015 10:15:52	19.04	51.39	33.83	7.18	7.89	10.4	2.802	94.7	4.0	0.9
746	7/30/2015 10:30:52	18.69	51.32	33.78	7.25	7.89	12.7	2.890	94.9	3.4	0.8
747	7/30/2015 10:45:52	18.19	51.28	33.75	7.34	7.90	14.6	2.986	95.2	4.1	1.0
748	7/30/2015 11:00:52	17.51	51.18	33.67	7.45	7.90	13.6	3.068	95.4	4.1	1.0
749	7/30/2015 11:15:52	16.47	51.11	33.60	7.57	7.90	14.6	3.155	95.0	3.0	0.7
750	7/30/2015 11:30:52	15.76	51.10	33.58	7.65	7.91	13.4	3.236	94.7	4.1	1.0
751	7/30/2015 11:45:52	15.43	51.03	33.53	7.70	7.92	14.7	3.312	94.6	3.7	0.9
752	7/30/2015 12:00:52	15.16	51.03	33.52	7.74	7.93	14.3	3.378	94.5	3.3	0.8
753	7/30/2015 12:15:52	14.97	51.03	33.52	7.73	7.93	11.0	3.430	94.1	4.7	1.1
754	7/30/2015 12:30:52	14.80	51.03	33.51	7.72	7.93	6.9	3.478	93.7	5.8	1.4
755	7/30/2015 12:45:52	14.72	51.05	33.52	7.65	7.93	5.6	3.500	92.7	3.8	0.9
756	7/30/2015 13:00:52	14.87	51.01	33.50	7.51	7.93	6.0	3.504	91.2	3.9	0.9
757	7/30/2015 13:15:52	14.84	51.02	33.51	7.57	7.93	6.2	3.484	91.9	3.7	0.9
758	7/30/2015 13:30:52	14.96	51.03	33.51	7.58	7.93	7.1	3.439	92.2	3.0	0.7
759	7/30/2015 13:45:52	15.32	51.03	33.52	7.54	7.94	7.6	3.380	92.4	2.9	0.7
760	7/30/2015 14:00:52	16.85	51.08	33.59	7.77	7.96	10.7	3.293	98.2	4.0	0.9
761	7/30/2015 14:15:52	16.53	51.03	33.55	7.92	7.96	8.9	3.216	99.4	3.8	0.9
762	7/30/2015 14:30:52	18.12	51.24	33.72	7.67	7.97	9.3	3.136	99.3	3.9	0.9
763	7/30/2015 14:45:52	18.73	51.33	33.79	7.75	7.97	9.3	3.042	101.7	4.2	1.0
764	7/30/2015 15:00:52	19.15	51.39	33.83	7.84	7.98	7.6	2.947	103.7	4.0	1.0
765	7/30/2015 15:15:52	19.32	51.37	33.82	7.91	7.98	9.3	2.860	104.8	4.0	0.9
766	7/30/2015 15:30:51	19.84	51.48	33.89	8.04	7.99	9.5	2.798	107.7	4.0	0.9
767	7/30/2015 15:45:51	20.11	51.45	33.88	8.09	7.99	12.0	2.711	108.9	4.5	1.1
768	7/30/2015 16:00:51	20.03	51.47	33.89	8.41	8.00	9.3	2.626	113.0	4.5	1.1
769	7/30/2015 16:15:51	19.97	51.39	33.83	8.67	8.02	8.0	2.578	116.4	4.8	1.1
770	7/30/2015 16:30:51	20.13	51.45	33.88	8.80	8.03	7.9	2.511	118.5	4.1	1.0
771	7/30/2015 16:45:52	20.29	51.49	33.90	8.81	8.03	6.7	2.457	118.9	4.5	1.1
772	7/30/2015 17:00:51	20.58	51.50	33.90	8.79	8.03	6.3	2.397	119.3	5.1	1.2
773	7/30/2015 17:15:51	20.80	51.53	33.93	8.87	8.04	5.6	2.375	120.9	4.6	1.1
774	7/30/2015 17:30:51	20.97	51.56	33.95	8.97	8.04	4.8	2.353	122.7	5.3	1.3
775	7/30/2015 17:45:51	21.29	51.58	33.96	8.82	8.04	4.3	2.329	121.4	5.2	1.2
776	7/30/2015 18:00:51	21.80	51.74	34.08	8.64	8.05	4.1	2.344	120.0	6.4	1.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
777	7/30/2015 18:15:51	21.27	51.61	33.98	9.12	8.04	4.5	2.368	125.4	5.6	1.3
778	7/30/2015 18:30:51	21.26	51.68	34.04	8.91	8.03	5.3	2.411	122.5	5.4	1.3
779	7/30/2015 18:45:51	21.35	51.70	34.05	8.81	8.03	5.1	2.461	121.4	6.6	1.6
780	7/30/2015 19:00:51	21.19	51.68	34.03	8.71	8.02	5.7	2.528	119.6	6.2	1.5
781	7/30/2015 19:15:52	21.44	51.70	34.04	8.24	7.98	11.5	2.608	113.8	6.0	1.4
782	7/30/2015 19:30:52	20.74	51.55	33.94	8.39	7.98	7.8	2.686	114.2	4.9	1.2
783	7/30/2015 19:45:51	20.33	51.50	33.91	8.31	7.97	7.6	2.771	112.2	5.6	1.3
784	7/30/2015 20:00:52	19.47	51.39	33.83	8.03	7.94	8.7	2.853	106.7	5.3	1.3
785	7/30/2015 20:15:52	18.78	51.26	33.74	7.82	7.92	8.7	2.942	102.6	4.4	1.1
786	7/30/2015 20:30:52	18.22	51.26	33.74	7.71	7.92	8.4	3.034	100.1	4.5	1.1
787	7/30/2015 20:45:52	17.89	51.24	33.72	7.66	7.92	8.9	3.122	98.8	4.3	1.0
788	7/30/2015 21:00:52	17.02	51.16	33.65	7.71	7.91	11.1	3.217	97.7	4.1	1.0
789	7/30/2015 21:15:52	16.20	51.06	33.56	7.75	7.92	12.3	3.317	96.7	4.1	1.0
790	7/30/2015 21:30:52	15.58	51.08	33.57	7.80	7.92	13.9	3.419	96.1	4.8	1.1
791	7/30/2015 21:45:52	14.83	51.03	33.52	7.95	7.93	11.9	3.523	96.5	4.1	1.0
792	7/30/2015 22:00:52	14.32	51.02	33.49	7.95	7.94	11.9	3.619	95.6	3.2	0.8
793	7/30/2015 22:15:52	14.09	50.99	33.46	8.05	7.95	12.3	3.718	96.2	3.9	0.9
794	7/30/2015 22:30:52	13.54	50.99	33.44	8.32	7.97	12.5	3.808	98.3	5.6	1.3
795	7/30/2015 22:45:52	13.28	50.97	33.42	8.46	7.99	6.8	3.893	99.4	8.0	1.9
796	7/30/2015 23:00:51	13.12	50.94	33.39	8.69	8.01	7.6	3.971	101.8	6.2	1.5
797	7/30/2015 23:15:52	13.09	50.94	33.39	8.64	8.01	4.8	4.031	101.2	4.0	0.9
798	7/30/2015 23:30:52	13.05	50.94	33.38	8.60	8.02	4.2	4.075	100.6	6.0	1.4
799	7/30/2015 23:45:52	12.96	50.92	33.37	8.67	8.02	2.8	4.105	101.3	7.5	1.8
800	7/31/2015 00:00:52	12.94	50.96	33.40	8.55	8.01	2.0	4.121	99.8	3.3	0.8
801	7/31/2015 00:15:53	13.10	51.00	33.43	8.51	8.01	2.7	4.118	99.7	4.9	1.2
802	7/31/2015 00:30:52	13.36	50.94	33.40	8.37	8.00	4.2	4.076	98.6	4.0	1.0
803	7/31/2015 00:45:52	13.42	50.98	33.43	8.32	8.00	6.3	4.022	98.1	4.3	1.0
804	7/31/2015 01:00:52	13.37	50.94	33.40	8.19	8.00	6.5	3.945	96.5	4.5	1.1
805	7/31/2015 01:15:52	13.53	50.98	33.43	8.16	7.99	7.1	3.832	96.4	5.4	1.3
806	7/31/2015 01:30:52	14.93	51.13	33.59	7.86	7.98	8.1	3.719	95.6	3.5	0.8
807	7/31/2015 01:45:52	15.96	51.14	33.62	7.58	7.97	10.5	3.604	94.1	4.1	1.0
808	7/31/2015 02:00:52	15.99	51.15	33.62	7.67	7.97	10.6	3.479	95.3	3.7	0.9
809	7/31/2015 02:15:52	16.43	51.18	33.66	7.50	7.96	9.2	3.338	94.1	4.1	1.0
810	7/31/2015 02:30:52	16.50	51.17	33.65	7.48	7.95	9.2	3.202	93.9	4.9	1.2
811	7/31/2015 02:45:52	17.14	51.22	33.69	7.35	7.95	9.8	3.068	93.5	4.3	1.0
812	7/31/2015 03:00:52	17.87	51.30	33.76	7.28	7.95	12.4	2.951	93.9	4.9	1.2
813	7/31/2015 03:15:52	17.78	51.28	33.74	7.20	7.93	11.4	2.788	92.7	4.3	1.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
814	7/31/2015 03:30:52	16.61	51.16	33.65	7.38	7.91	12.1	2.645	92.9	3.5	0.8
815	7/31/2015 03:45:52	18.19	51.42	33.85	7.31	7.95	11.8	2.496	94.9	4.6	1.1
816	7/31/2015 04:00:52	18.61	51.40	33.84	7.20	7.95	12.2	2.344	94.3	5.4	1.3
817	7/31/2015 04:15:52	18.15	51.46	33.88	7.29	7.94	11.0	2.202	94.6	4.1	1.0
818	7/31/2015 04:30:52	18.90	51.49	33.90	7.21	7.94	12.6	2.033	95.0	8.6	2.0
819	7/31/2015 04:45:52	19.14	51.48	33.89	7.20	7.94	11.5	1.889	95.1	6.6	1.6
820	7/31/2015 05:00:52	19.83	51.51	33.92	7.15	7.94	9.2	1.749	95.7	4.8	1.1
821	7/31/2015 05:15:52	19.88	51.56	33.96	7.06	7.93	10.0	1.597	94.7	4.7	1.1
822	7/31/2015 05:30:51	20.35	51.62	33.99	7.10	7.94	9.8	1.451	96.0	4.0	1.0
823	7/31/2015 05:45:52	20.62	51.70	34.06	7.02	7.94	8.4	1.353	95.5	4.5	1.1
824	7/31/2015 06:00:51	20.54	51.67	34.03	6.98	7.92	8.0	1.251	94.8	4.1	1.0
825	7/31/2015 06:15:51	20.79	51.73	34.07	6.95	7.92	7.0	1.161	94.8	4.3	1.0
826	7/31/2015 06:30:51	20.83	51.74	34.08	6.94	7.92	8.0	1.142	94.8	4.5	1.1
827	7/31/2015 06:45:51	20.85	51.69	34.05	7.00	7.92	5.9	1.183	95.6	3.6	0.9
828	7/31/2015 07:00:52	21.19	51.86	34.17	7.06	7.94	4.8	1.222	97.0	3.9	0.9
829	7/31/2015 07:15:52	21.27	51.86	34.17	7.14	7.94	5.2	1.319	98.3	4.6	1.1
830	7/31/2015 07:30:51	21.50	51.93	34.22	7.34	7.96	5.7	1.428	101.5	5.2	1.2
831	7/31/2015 07:45:51	21.43	51.92	34.21	7.36	7.96	5.7	1.511	101.7	8.1	1.9
832	7/31/2015 08:00:51	21.22	51.86	34.17	7.32	7.94	7.0	1.612	100.6	5.5	1.3
833	7/31/2015 08:15:51	21.25	51.88	34.18	7.25	7.94	7.1	1.709	99.7	4.3	1.0
834	7/31/2015 08:30:51	21.13	51.84	34.16	7.21	7.93	8.0	1.809	98.9	4.5	1.1
835	7/31/2015 08:45:51	21.00	51.83	34.15	7.22	7.93	6.8	1.906	98.9	5.1	1.2
836	7/31/2015 09:00:51	20.83	51.80	34.12	7.29	7.93	6.5	2.010	99.5	3.9	0.9
837	7/31/2015 09:15:51	20.72	51.75	34.09	7.24	7.92	6.2	2.112	98.7	3.3	0.8
838	7/31/2015 09:30:52	20.17	51.65	34.02	7.17	7.91	7.3	2.223	96.6	3.9	0.9
839	7/31/2015 09:45:51	19.93	51.56	33.96	7.09	7.89	7.9	2.334	95.2	4.3	1.0
840	7/31/2015 10:00:52	19.59	51.52	33.93	6.98	7.88	8.7	2.441	93.0	3.7	0.9
841	7/31/2015 10:15:52	19.23	51.42	33.85	7.01	7.88	10.7	2.555	92.9	3.9	0.9
842	7/31/2015 10:30:52	18.96	51.40	33.84	7.07	7.89	11.2	2.655	93.1	3.3	0.8
843	7/31/2015 10:45:52	18.75	51.41	33.84	7.06	7.89	12.8	2.766	92.6	4.1	1.0
844	7/31/2015 11:00:52	18.44	51.34	33.79	7.08	7.88	15.6	2.869	92.3	4.4	1.0
845	7/31/2015 11:15:52	17.85	51.29	33.75	7.21	7.89	13.5	2.967	93.0	4.9	1.2
846	7/31/2015 11:30:52	16.87	51.15	33.64	7.41	7.89	15.4	3.070	93.7	3.9	0.9
847	7/31/2015 11:45:52	16.15	51.14	33.62	7.57	7.91	16.5	3.157	94.4	4.6	1.1
848	7/31/2015 12:00:52	15.82	51.05	33.55	7.64	7.92	20.8	3.253	94.7	4.3	1.0
849	7/31/2015 12:15:52	15.52	51.04	33.54	7.74	7.93	21.8	3.344	95.2	4.7	1.1
850	7/31/2015 12:30:52	15.29	51.03	33.52	7.83	7.95	17.0	3.426	96.0	4.4	1.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
851	7/31/2015 12:45:52	14.80	50.99	33.48	8.30	7.99	12.3	3.499	100.7	6.1	1.5
852	7/31/2015 13:00:52	14.49	50.96	33.45	8.71	8.02	10.1	3.555	104.9	6.9	1.6
853	7/31/2015 13:15:52	14.40	50.92	33.42	8.88	8.04	6.3	3.591	106.8	8.7	2.1
854	7/31/2015 13:30:52	15.17	50.27	32.96	8.57	8.03	4.8	3.618	104.4	7.1	1.7
855	7/31/2015 13:45:52	14.69	50.99	33.48	8.60	8.02	5.1	3.620	104.1	5.4	1.3
856	7/31/2015 14:00:52	14.52	50.94	33.44	8.77	8.03	6.0	3.584	105.8	6.8	1.6
857	7/31/2015 14:15:52	14.65	50.96	33.46	8.64	8.03	7.7	3.521	104.4	10.9	2.6
858	7/31/2015 14:30:53	15.71	50.98	33.50	8.06	7.99	10.6	3.452	99.5	6.2	1.5
859	7/31/2015 14:45:52	15.83	50.94	33.47	8.63	8.03	7.5	3.371	106.9	6.2	1.5
860	7/31/2015 15:00:52	15.80	51.02	33.52	8.59	8.03	7.8	3.266	106.3	5.4	1.3
861	7/31/2015 15:15:52	17.97	51.22	33.70	7.76	7.98	11.6	3.152	100.3	8.0	1.9
862	7/31/2015 15:30:52	17.84	51.23	33.71	7.84	7.98	12.4	3.061	101.0	4.5	1.1
863	7/31/2015 15:45:52	18.14	51.25	33.72	7.90	7.97	10.2	2.973	102.4	4.5	1.1
864	7/31/2015 16:00:52	18.72	51.32	33.78	7.93	7.98	9.0	2.873	104.0	4.7	1.1
865	7/31/2015 16:15:51	19.05	51.35	33.80	7.96	7.98	9.9	2.782	105.0	7.5	1.8
866	7/31/2015 16:30:52	19.64	51.44	33.87	8.09	7.99	9.0	2.692	108.0	4.4	1.0
867	7/31/2015 16:45:52	19.46	51.38	33.82	8.23	7.98	8.1	2.626	109.4	5.7	1.4
868	7/31/2015 17:00:52	19.32	51.36	33.81	8.33	7.99	7.6	2.546	110.5	4.1	1.0
869	7/31/2015 17:15:52	19.68	51.42	33.85	8.39	8.00	7.0	2.465	112.0	4.3	1.0
870	7/31/2015 17:30:52	19.89	51.44	33.87	8.66	8.02	6.8	2.387	116.1	5.6	1.3
871	7/31/2015 17:45:51	20.54	51.50	33.91	8.70	8.04	6.7	2.340	118.0	4.6	1.1
872	7/31/2015 18:00:51	20.62	51.53	33.93	8.71	8.03	5.8	2.292	118.4	4.6	1.1
873	7/31/2015 18:15:51	20.70	51.58	33.97	8.66	8.02	5.7	2.256	117.9	5.0	1.2
874	7/31/2015 18:30:51	20.78	51.56	33.95	8.72	8.03	5.1	2.236	118.8	5.4	1.3
875	7/31/2015 18:45:51	21.26	51.59	33.97	8.56	8.03	4.6	2.238	117.7	6.8	1.6
876	7/31/2015 19:00:51	21.45	51.75	34.08	8.61	8.02	4.9	2.254	118.8	7.0	1.7
877	7/31/2015 19:15:51	21.21	51.71	34.06	8.59	8.02	7.8	2.297	118.1	7.0	1.7
878	7/31/2015 19:30:51	20.94	51.65	34.02	8.58	8.01	6.0	2.346	117.4	6.3	1.5
879	7/31/2015 19:45:51	20.73	51.64	34.01	8.54	8.00	6.9	2.420	116.3	6.1	1.5
880	7/31/2015 20:00:52	20.51	51.55	33.95	8.27	7.97	9.3	2.513	112.2	6.2	1.5
881	7/31/2015 20:15:52	20.17	51.55	33.94	8.23	7.96	8.5	2.589	110.9	5.6	1.3
882	7/31/2015 20:30:51	20.01	51.42	33.85	8.22	7.96	8.3	2.681	110.4	5.4	1.3
883	7/31/2015 20:45:52	19.36	51.39	33.83	8.10	7.95	9.3	2.777	107.5	5.2	1.2
884	7/31/2015 21:00:52	18.68	51.32	33.78	7.94	7.93	8.5	2.867	104.0	5.0	1.2
885	7/31/2015 21:15:52	18.25	51.26	33.73	7.86	7.93	9.0	2.965	102.2	5.2	1.2
886	7/31/2015 21:30:52	17.88	51.21	33.69	7.86	7.93	9.9	3.050	101.4	4.4	1.0
887	7/31/2015 21:45:52	17.39	51.16	33.66	7.97	7.94	11.0	3.158	101.7	5.1	1.2

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
888	7/31/2015 22:00:52	16.86	51.11	33.61	8.14	7.95	11.2	3.263	102.8	4.4	1.1
889	7/31/2015 22:15:52	16.48	51.04	33.56	8.27	7.97	11.9	3.361	103.8	5.5	1.3
890	7/31/2015 22:30:52	15.58	50.96	33.48	8.76	8.00	11.8	3.472	107.9	6.0	1.4
891	7/31/2015 22:45:52	15.07	50.97	33.48	9.01	8.03	12.2	3.574	109.9	6.2	1.5
892	7/31/2015 23:00:52	14.42	50.94	33.44	9.40	8.06	9.9	3.678	113.2	4.9	1.2
893	7/31/2015 23:15:52	14.22	50.89	33.39	9.70	8.09	9.1	3.768	116.3	7.2	1.7
894	7/31/2015 23:30:52	14.07	50.84	33.35	10.05	8.13	7.1	3.862	120.0	8.8	2.1
895	7/31/2015 23:45:52	13.99	50.88	33.38	10.20	8.14	6.0	3.939	121.6	9.0	2.1
896	8/1/2015 00:00:52	13.96	50.85	33.36	10.34	8.16	4.0	4.009	123.2	8.1	1.9
897	8/1/2015 00:15:52	13.93	50.92	33.40	10.27	8.16	3.0	4.066	122.3	9.9	2.3
898	8/1/2015 00:30:52	13.95	50.86	33.36	10.36	8.17	3.0	4.108	123.4	9.8	2.3
899	8/1/2015 00:45:52	13.95	50.87	33.37	10.27	8.16	2.2	4.141	122.3	10.1	2.4
900	8/1/2015 01:00:52	14.46	50.66	33.23	9.95	8.14	3.3	4.140	119.6	9.1	2.2
901	8/1/2015 01:15:52	14.33	50.87	33.38	9.84	8.13	3.5	4.116	118.2	5.7	1.4
902	8/1/2015 01:30:52	14.30	50.92	33.42	9.86	8.12	4.8	4.078	118.4	7.3	1.7
903	8/1/2015 01:45:52	14.32	50.89	33.40	9.61	8.10	6.7	3.993	115.4	7.5	1.8
904	8/1/2015 02:00:52	14.17	50.91	33.41	9.85	8.12	8.6	3.899	117.9	7.0	1.7
905	8/1/2015 02:15:52	14.38	50.88	33.39	9.87	8.12	7.8	3.789	118.7	6.5	1.5
906	8/1/2015 02:30:52	15.16	50.96	33.47	9.21	8.08	8.7	3.651	112.5	6.0	1.4
907	8/1/2015 02:45:52	15.79	51.09	33.58	8.60	8.05	13.4	3.527	106.4	5.2	1.2
908	8/1/2015 03:00:52	15.70	51.06	33.56	8.72	8.04	15.0	3.390	107.6	5.3	1.3
909	8/1/2015 03:15:52	15.80	51.05	33.55	8.61	8.04	10.0	3.253	106.6	4.2	1.0
910	8/1/2015 03:30:52	16.62	51.15	33.64	8.20	8.00	9.7	3.111	103.2	4.5	1.1
911	8/1/2015 03:45:52	17.08	51.17	33.66	7.93	7.99	9.2	2.976	100.7	4.3	1.0
912	8/1/2015 04:00:52	17.43	51.27	33.73	7.76	7.97	12.0	2.823	99.2	4.2	1.0
913	8/1/2015 04:15:52	16.51	51.07	33.57	8.08	7.98	12.8	2.677	101.4	4.4	1.0
914	8/1/2015 04:30:52	17.54	51.27	33.73	7.97	7.99	10.1	2.533	102.1	4.1	1.0
915	8/1/2015 04:45:52	18.29	51.40	33.83	7.81	7.98	12.0	2.366	101.6	4.0	1.0
916	8/1/2015 05:00:52	18.08	51.25	33.73	7.77	7.98	10.9	2.216	100.5	7.1	1.7
917	8/1/2015 05:15:52	18.04	51.33	33.78	7.65	7.97	12.7	2.078	99.0	8.9	2.1
918	8/1/2015 05:30:52	18.50	51.43	33.86	7.47	7.95	11.9	1.919	97.5	4.1	1.0
919	8/1/2015 05:45:52	18.75	51.48	33.90	7.33	7.94	10.5	1.763	96.2	4.2	1.0
920	8/1/2015 06:00:52	19.15	51.45	33.88	7.19	7.92	9.9	1.612	95.1	4.5	1.1
921	8/1/2015 06:15:52	19.60	51.56	33.95	7.06	7.92	8.7	1.474	94.2	3.4	0.8
922	8/1/2015 06:30:52	19.78	51.57	33.96	6.97	7.91	9.2	1.366	93.3	4.5	1.1
923	8/1/2015 06:45:52	19.97	51.65	34.02	6.86	7.91	8.4	1.231	92.1	3.6	0.8
924	8/1/2015 07:00:52	20.27	51.70	34.06	6.80	7.91	9.6	1.167	91.8	3.7	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
925	8/1/2015 07:15:51	20.21	51.62	34.00	6.73	7.90	8.1	1.155	90.8	4.2	1.0
926	8/1/2015 07:30:51	20.32	51.68	34.04	6.90	7.91	7.0	1.145	93.3	4.2	1.0
927	8/1/2015 07:45:52	20.41	51.74	34.09	6.85	7.91	5.9	1.225	92.8	4.2	1.0
928	8/1/2015 08:00:51	20.23	51.66	34.03	6.94	7.90	6.2	1.341	93.7	3.4	0.8
929	8/1/2015 08:15:51	20.88	51.84	34.16	6.99	7.93	6.0	1.432	95.5	4.4	1.0
930	8/1/2015 08:30:51	20.64	51.78	34.12	7.03	7.92	5.7	1.519	95.7	4.1	1.0
931	8/1/2015 08:45:52	20.56	51.78	34.12	7.03	7.92	6.1	1.647	95.4	4.0	0.9
932	8/1/2015 09:00:52	20.41	51.77	34.11	7.10	7.92	6.2	1.741	96.2	4.3	1.0
933	8/1/2015 09:15:51	20.18	51.70	34.06	7.13	7.91	5.9	1.831	96.2	4.0	1.0
934	8/1/2015 09:30:52	20.21	51.73	34.08	7.11	7.92	6.7	1.945	96.0	4.3	1.0
935	8/1/2015 09:45:52	20.18	51.66	34.03	7.10	7.92	6.3	2.059	95.8	4.2	1.0
936	8/1/2015 10:00:52	19.83	51.62	34.00	7.13	7.91	7.4	2.167	95.5	3.6	0.8
937	8/1/2015 10:15:52	19.44	51.54	33.94	7.16	7.90	7.9	2.279	95.1	3.2	0.8
938	8/1/2015 10:30:52	19.29	51.51	33.92	7.14	7.89	8.4	2.399	94.7	3.4	0.8
939	8/1/2015 10:45:52	18.98	51.46	33.88	7.19	7.89	10.9	2.519	94.8	4.0	1.0
940	8/1/2015 11:00:52	18.62	51.37	33.82	7.31	7.90	13.3	2.633	95.6	4.4	1.0
941	8/1/2015 11:15:52	18.46	51.35	33.80	7.35	7.90	14.0	2.739	95.9	4.4	1.0
942	8/1/2015 11:30:52	18.20	51.32	33.78	7.41	7.91	18.1	2.857	96.1	3.9	0.9
943	8/1/2015 11:45:52	17.68	51.18	33.67	7.61	7.92	17.6	2.962	97.7	3.8	0.9
944	8/1/2015 12:00:52	16.94	51.20	33.68	7.94	7.95	15.3	3.059	100.5	4.8	1.1
945	8/1/2015 12:15:52	16.41	51.07	33.58	8.22	7.97	17.3	3.168	102.9	4.8	1.2
946	8/1/2015 12:30:52	16.07	51.07	33.57	8.37	8.00	17.2	3.263	104.1	6.9	1.6
947	8/1/2015 12:45:52	15.84	51.03	33.54	8.51	8.01	18.1	3.367	105.5	8.2	1.9
948	8/1/2015 13:00:52	15.60	50.99	33.50	8.72	8.04	16.2	3.459	107.5	7.2	1.7
949	8/1/2015 13:15:52	15.29	50.92	33.44	9.04	8.08	14.2	3.542	110.7	8.8	2.1
950	8/1/2015 13:30:53	15.09	50.94	33.45	9.29	8.10	11.2	3.618	113.3	8.3	2.0
951	8/1/2015 13:45:53	14.91	50.91	33.43	9.52	8.12	6.5	3.674	115.7	8.0	1.9
952	8/1/2015 14:00:53	14.82	50.93	33.44	9.67	8.14	4.2	3.717	117.3	13.9	3.3
953	8/1/2015 14:15:53	14.82	50.86	33.38	9.55	8.14	4.2	3.727	115.7	5.8	1.4
954	8/1/2015 14:30:52	14.93	50.88	33.40	9.60	8.13	4.6	3.718	116.6	5.6	1.3
955	8/1/2015 14:45:52	15.18	50.85	33.39	9.38	8.12	6.8	3.681	114.5	6.0	1.4
956	8/1/2015 15:00:52	15.07	50.86	33.39	9.49	8.13	7.0	3.611	115.7	5.7	1.4
957	8/1/2015 15:15:52	15.60	50.93	33.46	9.10	8.09	10.3	3.528	112.2	6.4	1.5
958	8/1/2015 15:30:52	15.79	50.92	33.46	9.50	8.13	7.6	3.423	117.5	5.5	1.3
959	8/1/2015 15:45:52	17.27	51.10	33.61	8.60	8.04	12.5	3.312	109.6	5.7	1.4
960	8/1/2015 16:00:52	17.31	51.18	33.66	8.63	8.03	12.4	3.212	110.0	5.1	1.2
961	8/1/2015 16:15:52	17.28	51.15	33.64	8.60	8.03	11.0	3.109	109.6	5.7	1.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
962	8/1/2015 16:30:52	17.38	51.16	33.65	8.62	8.03	10.3	2.995	110.1	4.5	1.1
963	8/1/2015 16:45:52	18.07	51.26	33.73	8.47	8.02	10.7	2.905	109.6	4.3	1.0
964	8/1/2015 17:00:52	18.78	51.37	33.82	8.36	8.01	9.0	2.804	109.8	4.7	1.1
965	8/1/2015 17:15:52	19.10	51.41	33.85	8.41	8.01	7.9	2.706	111.1	4.8	1.1
966	8/1/2015 17:30:52	19.33	51.41	33.85	8.36	8.00	9.8	2.621	110.8	4.4	1.1
967	8/1/2015 17:45:52	19.22	51.36	33.81	8.35	8.00	8.0	2.514	110.5	4.6	1.1
968	8/1/2015 18:00:52	18.75	51.23	33.71	8.55	8.00	9.1	2.429	112.0	5.1	1.2
969	8/1/2015 18:15:52	18.88	51.27	33.74	8.43	8.00	7.1	2.363	110.8	4.8	1.1
970	8/1/2015 18:30:52	19.25	51.35	33.80	8.60	8.02	6.8	2.282	113.9	5.1	1.2
971	8/1/2015 18:45:52	19.42	51.40	33.84	8.63	8.02	6.5	2.216	114.7	5.0	1.2
972	8/1/2015 19:00:52	19.65	51.44	33.87	8.54	8.02	6.3	2.168	113.9	5.4	1.3
973	8/1/2015 19:15:52	19.89	51.53	33.93	8.50	8.01	6.2	2.146	114.0	5.0	1.2
974	8/1/2015 19:30:52	20.24	51.47	33.89	8.47	8.02	5.5	2.146	114.2	6.4	1.5
975	8/1/2015 19:45:51	20.29	51.55	33.94	8.44	8.01	5.1	2.146	114.0	4.9	1.2
976	8/1/2015 20:00:51	20.18	51.55	33.95	8.51	8.00	4.8	2.176	114.7	5.9	1.4
977	8/1/2015 20:15:51	20.30	51.55	33.95	8.42	7.99	5.1	2.238	113.7	5.0	1.2
978	8/1/2015 20:30:51	20.46	51.64	34.01	8.32	7.99	6.8	2.317	112.8	5.4	1.3
979	8/1/2015 20:45:52	20.35	51.57	33.96	8.15	7.97	8.2	2.380	110.2	6.3	1.5
980	8/1/2015 21:00:52	20.29	51.56	33.96	8.02	7.96	9.5	2.482	108.3	5.5	1.3
981	8/1/2015 21:15:52	19.78	51.46	33.88	8.17	7.96	7.8	2.590	109.3	6.0	1.4
982	8/1/2015 21:30:52	19.62	51.45	33.88	8.20	7.97	8.3	2.675	109.4	7.0	1.7
983	8/1/2015 21:45:52	18.82	51.30	33.76	8.25	7.96	8.6	2.764	108.3	6.8	1.6
984	8/1/2015 22:00:52	18.33	51.27	33.74	8.20	7.96	8.4	2.865	106.6	6.1	1.5
985	8/1/2015 22:15:52	18.00	51.19	33.68	8.24	7.97	9.7	2.970	106.5	6.1	1.4
986	8/1/2015 22:30:52	17.63	51.20	33.68	8.38	7.99	10.1	3.059	107.6	6.8	1.6
987	8/1/2015 22:45:52	17.23	51.12	33.62	8.57	8.01	11.5	3.158	109.2	5.8	1.4
988	8/1/2015 23:00:52	16.98	51.04	33.56	8.71	8.03	12.4	3.265	110.3	6.6	1.6
989	8/1/2015 23:15:52	16.58	50.97	33.50	9.00	8.05	15.0	3.375	113.1	5.4	1.3
990	8/1/2015 23:30:52	16.14	50.88	33.43	9.23	8.08	11.0	3.477	114.9	6.5	1.5
991	8/1/2015 23:45:52	15.74	50.88	33.42	9.50	8.11	13.1	3.583	117.3	6.3	1.5
992	8/2/2015 00:00:52	15.22	50.82	33.37	9.88	8.15	10.1	3.688	120.7	6.6	1.6
993	8/2/2015 00:15:52	14.99	50.75	33.31	10.18	8.17	8.2	3.781	123.8	9.6	2.3
994	8/2/2015 00:30:52	14.77	50.78	33.33	10.30	8.19	7.3	3.869	124.7	7.6	1.8
995	8/2/2015 00:45:52	14.45	50.82	33.35	10.33	8.19	5.6	3.945	124.3	9.3	2.2
996	8/2/2015 01:00:52	14.20	50.83	33.35	10.30	8.19	3.7	4.007	123.3	13.8	3.3
997	8/2/2015 01:15:52	14.14	50.83	33.34	10.21	8.19	2.5	4.061	122.0	20.1	4.8
998	8/2/2015 01:30:52	13.95	50.78	33.30	10.17	8.19	2.0	4.084	121.1	16.0	3.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
999	8/2/2015 01:45:52	14.60	51.16	33.60	9.35	8.14	2.8	4.086	113.1	8.7	2.1
1000	8/2/2015 02:00:52	14.07	50.85	33.36	9.93	8.17	3.3	4.075	118.6	18.1	4.3
1001	8/2/2015 02:15:52	14.45	50.89	33.40	9.80	8.17	2.9	4.039	118.0	10.1	2.4
1002	8/2/2015 02:30:53	14.44	50.84	33.36	9.88	8.17	4.0	3.945	118.9	12.7	3.0
1003	8/2/2015 02:45:53	14.62	50.79	33.33	9.98	8.18	6.8	3.852	120.5	4.9	1.2
1004	8/2/2015 03:00:52	14.63	50.81	33.35	9.99	8.18	7.6	3.750	120.6	5.0	1.2
1005	8/2/2015 03:15:53	15.60	50.93	33.46	9.30	8.13	8.5	3.636	114.6	4.6	1.1
1006	8/2/2015 03:30:52	16.21	50.99	33.51	9.01	8.10	10.4	3.496	112.4	5.1	1.2
1007	8/2/2015 03:45:52	16.22	50.97	33.50	9.01	8.10	13.4	3.365	112.4	3.5	0.8
1008	8/2/2015 04:00:52	16.47	50.98	33.51	8.83	8.08	10.6	3.233	110.6	4.2	1.0
1009	8/2/2015 04:15:52	16.78	51.04	33.56	8.50	8.06	11.0	3.104	107.3	4.3	1.0
1010	8/2/2015 04:30:52	17.13	51.11	33.62	8.24	8.03	10.3	2.955	104.7	4.3	1.0
1011	8/2/2015 04:45:52	17.86	51.21	33.69	7.72	7.98	13.0	2.820	99.5	3.5	0.8
1012	8/2/2015 05:00:52	17.70	51.20	33.69	7.82	7.98	11.7	2.680	100.5	4.4	1.0
1013	8/2/2015 05:15:52	17.71	51.20	33.68	7.94	8.00	10.2	2.536	102.0	4.1	1.0
1014	8/2/2015 05:30:52	17.32	51.17	33.66	8.12	8.01	10.5	2.387	103.5	4.8	1.1
1015	8/2/2015 05:45:52	17.63	51.28	33.74	7.92	8.00	11.1	2.237	101.7	3.8	0.9
1016	8/2/2015 06:00:52	18.24	51.33	33.78	7.68	7.97	9.6	2.083	99.7	4.4	1.0
1017	8/2/2015 06:15:52	18.40	51.39	33.83	7.56	7.96	11.2	1.942	98.6	4.2	1.0
1018	8/2/2015 06:30:52	18.45	51.41	33.84	7.43	7.95	9.8	1.794	96.9	4.5	1.1
1019	8/2/2015 06:45:52	18.99	51.44	33.87	7.27	7.93	9.0	1.643	95.8	4.3	1.0
1020	8/2/2015 07:00:52	18.96	51.43	33.86	7.23	7.92	9.2	1.514	95.2	3.6	0.9
1021	8/2/2015 07:15:52	19.18	51.49	33.90	7.11	7.91	7.7	1.385	94.1	3.1	0.7
1022	8/2/2015 07:30:52	19.30	51.48	33.89	7.04	7.90	7.1	1.283	93.4	4.2	1.0
1023	8/2/2015 07:45:52	19.46	51.53	33.93	6.96	7.89	6.4	1.228	92.6	3.5	0.8
1024	8/2/2015 08:00:52	19.51	51.53	33.93	6.70	7.88	4.8	1.206	89.2	3.2	0.8
1025	8/2/2015 08:15:52	19.35	51.61	33.99	6.95	7.89	6.0	1.220	92.3	3.5	0.8
1026	8/2/2015 08:30:52	19.71	51.63	34.01	6.97	7.89	4.9	1.296	93.2	4.0	1.0
1027	8/2/2015 08:45:52	19.90	51.63	34.00	6.96	7.89	5.4	1.401	93.4	3.9	0.9
1028	8/2/2015 09:00:51	20.28	51.69	34.05	7.05	7.90	5.4	1.494	95.2	4.5	1.1
1029	8/2/2015 09:15:51	20.10	51.66	34.03	7.10	7.89	5.5	1.602	95.5	4.2	1.0
1030	8/2/2015 09:30:51	20.14	51.67	34.03	6.95	7.88	7.5	1.703	93.7	4.9	1.2
1031	8/2/2015 09:45:52	19.79	51.62	34.00	7.13	7.89	6.5	1.818	95.5	4.8	1.1
1032	8/2/2015 10:00:52	19.72	51.58	33.97	7.11	7.89	6.9	1.925	95.0	4.8	1.1
1033	8/2/2015 10:15:52	19.68	51.61	34.00	7.16	7.90	6.0	2.022	95.7	4.5	1.1
1034	8/2/2015 10:30:52	19.70	51.61	33.99	7.13	7.90	6.3	2.146	95.3	4.0	0.9
1035	8/2/2015 10:45:52	19.44	51.56	33.96	7.20	7.90	6.8	2.252	95.8	4.0	1.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1036	8/2/2015 11:00:52	19.23	51.47	33.89	7.24	7.90	8.4	2.367	95.9	4.1	1.0
1037	8/2/2015 11:15:52	18.96	51.37	33.81	7.28	7.90	7.8	2.476	95.8	4.0	0.9
1038	8/2/2015 11:30:52	18.66	51.40	33.84	7.32	7.90	11.1	2.589	95.9	4.5	1.1
1039	8/2/2015 11:45:52	18.45	51.31	33.77	7.43	7.91	12.9	2.705	96.9	3.8	0.9
1040	8/2/2015 12:00:52	18.28	51.31	33.77	7.52	7.92	14.1	2.816	97.8	4.3	1.0
1041	8/2/2015 12:15:52	17.84	51.16	33.66	7.69	7.94	17.9	2.926	99.0	5.0	1.2
1042	8/2/2015 12:30:52	17.31	51.08	33.60	7.96	7.96	17.5	3.032	101.5	4.1	1.0
1043	8/2/2015 12:45:52	16.58	51.07	33.58	8.22	7.99	16.6	3.141	103.4	3.9	0.9
1044	8/2/2015 13:00:52	16.27	50.99	33.51	8.39	8.01	13.2	3.249	104.8	4.7	1.1
1045	8/2/2015 13:15:52	15.77	50.91	33.45	8.59	8.04	13.2	3.350	106.2	5.0	1.2
1046	8/2/2015 13:30:52	15.05	50.93	33.45	8.92	8.07	12.1	3.456	108.7	6.7	1.6
1047	8/2/2015 13:45:52	14.64	50.87	33.39	9.15	8.09	11.1	3.553	110.6	6.7	1.6
1048	8/2/2015 14:00:53	14.36	50.84	33.36	9.29	8.11	8.5	3.638	111.7	8.6	2.0
1049	8/2/2015 14:15:52	14.17	50.89	33.39	9.35	8.12	6.4	3.714	112.0	9.0	2.2
1050	8/2/2015 14:30:52	13.98	50.75	33.28	9.38	8.12	4.5	3.767	111.8	8.4	2.0
1051	8/2/2015 14:45:52	13.84	50.87	33.36	9.37	8.12	3.2	3.807	111.3	9.6	2.3
1052	8/2/2015 15:00:52	14.76	49.90	32.68	8.81	8.10	2.9	3.814	106.3	4.6	1.1
1053	8/2/2015 15:15:52	13.92	50.94	33.42	9.15	8.11	3.3	3.807	109.0	3.6	0.9
1054	8/2/2015 15:30:52	14.34	50.84	33.36	9.08	8.11	4.3	3.757	109.0	3.7	0.9
1055	8/2/2015 15:45:52	14.32	50.86	33.37	9.11	8.11	5.3	3.677	109.3	3.8	0.9
1056	8/2/2015 16:00:52	14.68	50.86	33.38	9.31	8.13	8.9	3.584	112.6	5.7	1.4
1057	8/2/2015 16:15:53	14.82	50.82	33.35	9.32	8.13	7.6	3.470	113.0	4.8	1.1
1058	8/2/2015 16:30:52	16.50	51.00	33.52	8.66	8.07	10.1	3.364	108.7	5.3	1.3
1059	8/2/2015 16:45:52	16.41	51.02	33.54	8.75	8.07	12.0	3.248	109.6	6.1	1.5
1060	8/2/2015 17:00:52	16.52	51.01	33.53	8.74	8.06	9.9	3.124	109.7	5.9	1.4
1061	8/2/2015 17:15:53	16.68	51.05	33.56	8.72	8.06	9.0	3.026	109.8	6.1	1.4
1062	8/2/2015 17:30:52	17.58	51.13	33.63	8.45	8.03	8.5	2.912	108.4	4.6	1.1
1063	8/2/2015 17:45:52	18.21	51.22	33.70	8.25	8.01	8.2	2.815	107.0	6.3	1.5
1064	8/2/2015 18:00:52	18.37	51.25	33.73	8.23	8.00	7.4	2.709	107.1	5.1	1.2
1065	8/2/2015 18:15:52	18.25	51.27	33.74	8.25	8.00	7.9	2.599	107.1	4.8	1.1
1066	8/2/2015 18:30:52	17.95	51.17	33.67	8.38	8.01	8.5	2.514	108.2	4.2	1.0
1067	8/2/2015 18:45:52	17.71	51.14	33.64	8.53	8.02	7.6	2.410	109.7	4.4	1.0
1068	8/2/2015 19:00:52	18.27	51.25	33.73	8.40	8.01	7.1	2.314	109.2	5.0	1.2
1069	8/2/2015 19:15:52	18.44	51.27	33.74	8.21	8.01	7.0	2.247	107.1	5.3	1.3
1070	8/2/2015 19:30:52	18.81	51.30	33.76	8.27	8.00	5.6	2.152	108.6	6.0	1.4
1071	8/2/2015 19:45:52	18.81	51.30	33.76	8.26	7.99	5.7	2.107	108.5	4.9	1.2
1072	8/2/2015 20:00:52	18.96	51.30	33.77	8.23	7.99	5.4	2.062	108.4	4.9	1.2

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1073	8/2/2015 20:15:52	19.16	51.42	33.85	8.18	7.99	5.2	2.038	108.2	4.6	1.1
1074	8/2/2015 20:30:52	19.75	51.42	33.85	8.03	7.98	4.2	2.029	107.3	5.1	1.2
1075	8/2/2015 20:45:52	19.77	51.57	33.96	8.00	7.97	4.9	2.057	107.0	5.8	1.4
1076	8/2/2015 21:00:52	19.66	51.50	33.91	8.11	7.97	4.5	2.119	108.2	5.2	1.2
1077	8/2/2015 21:15:52	20.02	51.58	33.97	7.96	7.96	12.4	2.158	107.0	6.2	1.5
1078	8/2/2015 21:30:52	19.77	51.56	33.95	8.00	7.95	8.1	2.252	107.0	5.0	1.2
1079	8/2/2015 21:45:52	19.74	51.51	33.92	7.87	7.94	9.7	2.357	105.2	6.3	1.5
1080	8/2/2015 22:00:52	19.40	51.46	33.88	7.92	7.94	8.5	2.447	105.2	4.6	1.1
1081	8/2/2015 22:15:52	19.06	51.41	33.85	8.00	7.95	6.7	2.542	105.5	4.3	1.0
1082	8/2/2015 22:30:52	18.94	51.35	33.80	8.01	7.95	7.6	2.635	105.5	5.1	1.2
1083	8/2/2015 22:45:52	18.34	51.27	33.74	8.06	7.96	7.3	2.740	104.9	4.4	1.0
1084	8/2/2015 23:00:52	18.02	51.22	33.70	8.07	7.96	7.3	2.828	104.3	4.1	1.0
1085	8/2/2015 23:15:52	17.77	51.16	33.66	8.08	7.97	7.8	2.911	104.0	3.8	0.9
1086	8/2/2015 23:30:52	17.37	51.13	33.63	8.20	7.98	7.9	3.009	104.7	5.0	1.2
1087	8/2/2015 23:45:53	17.06	51.12	33.62	8.29	7.99	9.1	3.105	105.2	5.3	1.3
1088	8/3/2015 00:00:52	16.83	51.08	33.59	8.34	8.00	9.5	3.202	105.3	3.6	0.9
1089	8/3/2015 00:15:52	16.36	51.01	33.53	8.48	8.02	10.0	3.293	106.1	4.2	1.0
1090	8/3/2015 00:30:52	15.75	50.97	33.49	8.67	8.04	9.8	3.405	107.1	4.7	1.1
1091	8/3/2015 00:45:52	15.29	50.92	33.44	8.82	8.05	8.0	3.501	108.0	4.6	1.1
1092	8/3/2015 01:00:52	14.74	50.87	33.39	8.94	8.06	10.4	3.591	108.2	5.4	1.3
1093	8/3/2015 01:15:52	14.41	50.89	33.40	8.96	8.07	9.6	3.681	107.8	5.0	1.2
1094	8/3/2015 01:30:52	14.11	50.84	33.36	9.00	8.07	6.5	3.764	107.6	14.3	3.4
1095	8/3/2015 01:45:52	13.71	50.88	33.37	9.05	8.08	4.4	3.828	107.3	5.3	1.3
1096	8/3/2015 02:00:52	13.61	50.89	33.37	9.05	8.08	3.2	3.882	107.1	5.3	1.3
1097	8/3/2015 02:15:52	13.57	50.87	33.36	8.99	8.08	2.4	3.924	106.3	6.0	1.4
1098	8/3/2015 02:30:52	13.67	50.88	33.37	8.83	8.07	2.3	3.942	104.6	3.9	0.9
1099	8/3/2015 02:45:52	13.56	50.96	33.42	8.81	8.07	2.3	3.938	104.2	4.9	1.2
1100	8/3/2015 03:00:52	13.80	50.90	33.39	8.83	8.07	2.6	3.898	104.9	4.0	1.0
1101	8/3/2015 03:15:52	13.73	50.90	33.39	8.85	8.08	3.1	3.848	104.9	2.3	0.5
1102	8/3/2015 03:30:52	14.13	50.84	33.35	8.79	8.07	7.4	3.774	105.0	4.0	1.0
1103	8/3/2015 03:45:52	14.45	50.85	33.37	8.76	8.07	6.7	3.662	105.4	4.2	1.0
1104	8/3/2015 04:00:53	14.50	50.95	33.44	8.71	8.07	8.7	3.554	105.0	4.4	1.0
1105	8/3/2015 04:15:52	15.84	51.01	33.52	8.32	8.04	8.5	3.435	103.1	4.3	1.0
1106	8/3/2015 04:30:52	16.06	51.07	33.57	8.29	8.03	11.1	3.307	103.1	4.6	1.1
1107	8/3/2015 04:45:53	16.25	51.07	33.57	8.22	8.02	9.0	3.171	102.6	3.5	0.8
1108	8/3/2015 05:00:53	16.49	51.07	33.58	8.05	8.00	10.1	3.047	101.0	3.8	0.9
1109	8/3/2015 05:15:52	17.10	51.10	33.60	7.74	7.98	8.7	2.927	98.3	4.1	1.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1110	8/3/2015 05:30:52	17.49	51.23	33.70	7.57	7.96	9.3	2.781	96.9	11.1	2.6
1111	8/3/2015 05:45:52	17.61	51.21	33.69	7.57	7.95	10.3	2.652	97.2	15.8	3.8
1112	8/3/2015 06:00:52	17.30	51.23	33.70	7.76	7.97	9.6	2.510	99.0	2.8	0.7
1113	8/3/2015 06:15:52	16.57	51.13	33.62	7.89	7.97	11.4	2.369	99.2	3.9	0.9
1114	8/3/2015 06:30:52	17.56	51.28	33.74	7.62	7.96	9.1	2.233	97.7	4.1	1.0
1115	8/3/2015 06:45:53	17.84	51.30	33.76	7.49	7.95	11.5	2.080	96.6	3.8	0.9
1116	8/3/2015 07:00:52	17.99	51.28	33.74	7.37	7.93	10.1	1.946	95.3	3.4	0.8
1117	8/3/2015 07:15:52	18.04	51.34	33.79	7.33	7.92	8.9	1.829	94.8	5.0	1.2
1118	8/3/2015 07:30:53	18.13	51.35	33.80	7.28	7.91	7.7	1.681	94.3	4.2	1.0
1119	8/3/2015 07:45:52	18.38	51.36	33.81	7.17	7.90	8.2	1.560	93.4	4.0	0.9
1120	8/3/2015 08:00:52	18.57	51.40	33.83	7.13	7.90	6.4	1.458	93.2	6.6	1.6
1121	8/3/2015 08:15:53	18.81	51.45	33.87	7.03	7.89	7.3	1.385	92.4	3.6	0.9
1122	8/3/2015 08:30:52	18.78	51.39	33.83	6.98	7.88	5.2	1.338	91.6	2.9	0.7
1123	8/3/2015 08:45:52	18.97	51.40	33.84	6.89	7.87	4.4	1.320	90.8	3.8	0.9
1124	8/3/2015 09:00:52	18.94	51.48	33.90	6.97	7.87	6.2	1.368	91.8	3.4	0.8
1125	8/3/2015 09:15:52	18.99	51.42	33.85	7.03	7.87	4.9	1.429	92.6	3.0	0.7
1126	8/3/2015 09:30:52	19.58	51.62	34.00	6.85	7.86	5.2	1.511	91.4	3.4	0.8
1127	8/3/2015 09:45:52	19.53	51.59	33.98	6.95	7.87	4.6	1.614	92.5	3.9	0.9
1128	8/3/2015 10:00:52	19.45	51.53	33.93	6.99	7.87	6.7	1.722	93.0	4.2	1.0
1129	8/3/2015 10:15:52	19.31	51.54	33.94	7.07	7.87	5.9	1.834	93.7	3.3	0.8
1130	8/3/2015 10:30:52	19.03	51.46	33.88	7.13	7.87	5.9	1.932	94.0	3.4	0.8
1131	8/3/2015 10:45:52	18.97	51.41	33.85	7.21	7.88	7.1	2.044	95.1	4.0	1.0
1132	8/3/2015 11:00:52	19.04	51.49	33.90	7.15	7.87	5.7	2.153	94.4	3.6	0.9
1133	8/3/2015 11:15:52	19.03	51.47	33.89	7.12	7.87	6.5	2.256	94.0	2.9	0.7
1134	8/3/2015 11:30:52	18.68	51.41	33.85	7.24	7.88	7.2	2.374	94.8	2.8	0.7
1135	8/3/2015 11:45:52	18.52	51.37	33.82	7.27	7.89	7.6	2.467	95.0	2.8	0.7
1136	8/3/2015 12:00:52	18.28	51.29	33.76	7.33	7.89	9.6	2.589	95.3	2.8	0.7
1137	8/3/2015 12:15:52	18.02	51.22	33.70	7.40	7.90	10.6	2.701	95.6	3.7	0.9
1138	8/3/2015 12:30:52	17.86	51.25	33.72	7.46	7.91	12.6	2.804	96.2	4.0	0.9
1139	8/3/2015 12:45:52	17.60	51.20	33.68	7.54	7.92	15.9	2.912	96.7	3.1	0.7
1140	8/3/2015 13:00:53	17.08	51.13	33.63	7.79	7.94	15.0	3.023	98.9	3.2	0.8
1141	8/3/2015 13:15:52	16.32	51.07	33.57	8.04	7.96	13.3	3.134	100.6	3.9	0.9
1142	8/3/2015 13:30:52	15.83	51.03	33.53	8.21	7.98	13.6	3.235	101.7	4.3	1.0
1143	8/3/2015 13:45:52	15.29	50.98	33.49	8.37	8.00	11.7	3.353	102.5	3.9	0.9
1144	8/3/2015 14:00:52	14.85	50.92	33.43	8.55	8.02	9.9	3.459	103.8	4.9	1.2
1145	8/3/2015 14:15:53	14.15	50.92	33.41	9.08	8.06	8.6	3.565	108.6	6.2	1.5
1146	8/3/2015 14:30:52	13.82	50.88	33.37	9.43	8.09	6.6	3.657	112.1	8.1	1.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1147	8/3/2015 14:45:52	13.70	50.92	33.39	9.65	8.11	5.8	3.742	114.4	7.4	1.8
1148	8/3/2015 15:00:52	13.62	50.88	33.36	9.77	8.12	3.4	3.808	115.6	5.9	1.4
1149	8/3/2015 15:15:52	13.55	50.89	33.37	9.89	8.13	3.3	3.858	116.8	7.2	1.7
1150	8/3/2015 15:30:53	13.55	50.95	33.41	9.80	8.13	2.3	3.883	115.9	4.4	1.0
1151	8/3/2015 15:45:53	14.09	51.01	33.48	9.48	8.11	3.6	3.887	113.3	5.9	1.4
1152	8/3/2015 16:00:53	13.77	50.93	33.41	9.74	8.12	2.9	3.852	115.6	5.7	1.3
1153	8/3/2015 16:15:53	13.71	50.93	33.40	9.77	8.12	3.8	3.796	115.8	6.1	1.4
1154	8/3/2015 16:30:53	14.20	50.92	33.41	9.40	8.10	5.6	3.709	112.6	6.5	1.6
1155	8/3/2015 16:45:53	14.66	50.85	33.38	9.31	8.09	7.6	3.614	112.5	6.6	1.6
1156	8/3/2015 17:00:53	15.33	51.07	33.55	8.91	8.07	7.6	3.508	109.3	5.0	1.2
1157	8/3/2015 17:15:53	16.13	51.04	33.55	8.71	8.05	9.2	3.386	108.5	5.1	1.2
1158	8/3/2015 17:30:53	16.00	50.98	33.50	8.76	8.04	10.1	3.270	108.8	5.0	1.2
1159	8/3/2015 17:45:52	16.05	50.99	33.51	8.71	8.04	9.3	3.164	108.4	4.5	1.1
1160	8/3/2015 18:00:53	16.38	51.05	33.56	8.64	8.04	8.1	3.050	108.2	4.2	1.0
1161	8/3/2015 18:15:53	17.05	51.08	33.59	8.37	8.02	9.2	2.932	106.2	4.3	1.0
1162	8/3/2015 18:30:52	17.50	51.14	33.64	8.24	8.00	6.8	2.836	105.4	4.3	1.0
1163	8/3/2015 18:45:52	17.65	51.15	33.65	8.15	7.99	7.7	2.727	104.6	4.4	1.0
1164	8/3/2015 19:00:52	17.71	51.18	33.67	8.08	7.97	9.0	2.604	103.9	3.5	0.8
1165	8/3/2015 19:15:52	17.68	51.19	33.68	8.11	7.98	6.9	2.507	104.2	3.6	0.9
1166	8/3/2015 19:30:53	17.69	51.17	33.67	8.12	7.98	7.0	2.410	104.3	4.0	0.9
1167	8/3/2015 19:45:52	17.49	51.16	33.65	8.14	7.98	6.8	2.302	104.2	4.0	1.0
1168	8/3/2015 20:00:53	17.57	51.23	33.71	8.09	7.97	6.9	2.213	103.7	3.9	0.9
1169	8/3/2015 20:15:52	17.84	51.20	33.69	8.04	7.97	6.7	2.135	103.6	4.8	1.1
1170	8/3/2015 20:30:53	18.06	51.28	33.74	7.91	7.96	6.0	2.062	102.4	4.4	1.1
1171	8/3/2015 20:45:52	18.25	51.30	33.76	7.86	7.95	6.2	2.000	102.1	4.8	1.1
1172	8/3/2015 21:00:52	18.50	51.32	33.78	7.78	7.94	5.7	1.961	101.5	5.3	1.3
1173	8/3/2015 21:15:52	19.00	51.40	33.84	7.71	7.93	4.4	1.955	101.6	4.5	1.1
1174	8/3/2015 21:30:52	19.44	51.35	33.80	7.51	7.92	4.2	1.972	99.8	4.3	1.0
1175	8/3/2015 21:45:52	19.56	51.52	33.93	7.85	7.94	4.1	1.992	104.7	4.3	1.0
1176	8/3/2015 22:00:52	19.43	51.44	33.87	7.84	7.93	4.8	2.043	104.2	4.5	1.1
1177	8/3/2015 22:15:52	19.59	51.53	33.94	7.86	7.93	5.4	2.141	104.8	4.4	1.0
1178	8/3/2015 22:30:52	19.31	51.48	33.90	7.86	7.93	5.1	2.205	104.3	4.5	1.1
1179	8/3/2015 22:45:52	19.44	51.47	33.89	7.61	7.90	8.9	2.294	101.1	5.6	1.3
1180	8/3/2015 23:00:52	19.11	51.38	33.82	7.66	7.91	7.3	2.402	101.2	5.2	1.2
1181	8/3/2015 23:15:52	18.82	51.32	33.78	7.73	7.92	6.7	2.497	101.5	4.6	1.1
1182	8/3/2015 23:30:52	18.37	51.28	33.75	7.85	7.93	7.1	2.583	102.2	4.3	1.0
1183	8/3/2015 23:45:52	17.93	51.20	33.69	7.84	7.93	6.2	2.658	101.2	4.2	1.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1184	8/4/2015 00:00:52	17.69	51.21	33.69	7.82	7.93	5.7	2.756	100.5	4.0	0.9
1185	8/4/2015 00:15:53	17.56	51.18	33.67	7.83	7.94	7.1	2.842	100.3	3.7	0.9
1186	8/4/2015 00:30:52	17.27	51.12	33.62	7.91	7.95	6.7	2.923	100.8	4.2	1.0
1187	8/4/2015 00:45:52	16.96	51.10	33.61	8.02	7.96	7.4	3.009	101.5	3.4	0.8
1188	8/4/2015 01:00:52	16.78	51.07	33.58	8.07	7.96	8.1	3.099	101.8	4.1	1.0
1189	8/4/2015 01:15:53	16.48	51.05	33.56	8.19	7.97	8.0	3.197	102.7	3.8	0.9
1190	8/4/2015 01:30:53	15.99	51.02	33.53	8.42	7.99	8.6	3.280	104.6	3.9	0.9
1191	8/4/2015 01:45:53	15.58	51.01	33.51	8.63	8.01	8.5	3.373	106.4	3.8	0.9
1192	8/4/2015 02:00:53	15.13	50.95	33.46	8.92	8.04	7.3	3.461	108.9	5.7	1.4
1193	8/4/2015 02:15:52	14.86	50.91	33.43	9.10	8.06	5.6	3.549	110.4	5.6	1.3
1194	8/4/2015 02:30:53	14.61	50.96	33.45	9.22	8.07	6.3	3.615	111.3	5.0	1.2
1195	8/4/2015 02:45:53	14.52	50.88	33.39	9.34	8.08	4.5	3.676	112.5	5.9	1.4
1196	8/4/2015 03:00:53	14.32	50.94	33.43	9.43	8.09	3.1	3.725	113.2	6.3	1.5
1197	8/4/2015 03:15:52	14.17	50.88	33.39	9.59	8.11	2.6	3.761	114.7	6.1	1.5
1198	8/4/2015 03:30:52	14.19	50.90	33.40	9.42	8.10	2.1	3.762	112.8	2.9	0.7
1199	8/4/2015 03:45:53	14.30	50.95	33.44	9.36	8.09	3.1	3.744	112.3	3.1	0.7
1200	8/4/2015 04:00:52	14.56	50.88	33.39	9.18	8.08	2.6	3.720	110.7	3.4	0.8
1201	8/4/2015 04:15:53	14.73	50.89	33.41	9.08	8.07	4.8	3.649	110.0	4.1	1.0
1202	8/4/2015 04:30:53	14.86	50.92	33.43	8.92	8.06	6.0	3.564	108.3	5.1	1.2
1203	8/4/2015 04:45:53	14.84	51.01	33.50	8.89	8.06	6.5	3.467	107.9	3.2	0.8
1204	8/4/2015 05:00:53	15.25	50.98	33.48	8.66	8.04	9.3	3.361	106.0	3.6	0.8
1205	8/4/2015 05:15:53	16.11	51.04	33.55	8.17	8.00	8.8	3.247	101.8	4.3	1.0
1206	8/4/2015 05:30:53	16.14	51.01	33.53	8.18	7.99	7.6	3.131	101.9	3.6	0.8
1207	8/4/2015 05:45:53	16.36	51.06	33.57	8.00	7.98	7.1	3.016	100.1	3.8	0.9
1208	8/4/2015 06:00:52	16.96	51.09	33.60	7.57	7.94	8.8	2.890	95.9	3.5	0.8
1209	8/4/2015 06:15:53	17.38	51.20	33.68	7.21	7.91	8.7	2.779	92.1	3.5	0.8
1210	8/4/2015 06:30:52	17.56	51.19	33.67	7.07	7.90	7.9	2.660	90.7	3.6	0.8
1211	8/4/2015 06:45:52	17.62	51.16	33.65	7.13	7.89	8.1	2.521	91.4	3.1	0.7
1212	8/4/2015 07:00:53	17.15	51.15	33.65	7.49	7.91	9.0	2.411	95.2	2.9	0.7
1213	8/4/2015 07:15:53	16.71	51.14	33.63	7.62	7.92	7.0	2.281	96.1	3.2	0.8
1214	8/4/2015 07:30:53	17.48	51.25	33.72	7.39	7.92	8.0	2.155	94.6	3.2	0.8
1215	8/4/2015 07:45:53	17.71	51.20	33.69	7.28	7.90	6.3	2.030	93.6	2.6	0.6
1216	8/4/2015 08:00:52	17.77	51.24	33.72	7.20	7.89	7.3	1.901	92.7	3.7	0.9
1217	8/4/2015 08:15:52	17.80	51.24	33.72	7.14	7.89	6.1	1.805	92.0	3.1	0.7
1218	8/4/2015 08:30:52	18.13	51.33	33.78	7.01	7.87	6.0	1.688	90.9	3.3	0.8
1219	8/4/2015 08:45:52	17.97	51.29	33.75	7.06	7.87	5.2	1.604	91.2	2.7	0.6
1220	8/4/2015 09:00:52	18.45	51.34	33.80	6.85	7.85	5.1	1.552	89.3	2.8	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1221	8/4/2015 09:15:52	18.41	51.38	33.82	6.80	7.85	5.1	1.513	88.7	3.4	0.8
	Mean	18.42	51.23	33.70	7.76	7.99	7.30	2.79	100.91	4.50	1.07
	Minimum	12.94	49.90	32.68	6.54	7.85	1.50	1.14	86.40	1.70	0.40
	Maximum	21.80	51.94	34.23	10.36	8.19	21.80	4.14	125.40	20.10	4.80

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

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	Fluorescence %FS
0	8/4/2015 10:01:10	18.75	50.92	33.49	6.14	7.78	4.3	1.561	80.4	3.4	0.8
1	8/4/2015 10:16:10	19.05	50.99	33.54	6.10	7.79	4.1	1.625	80.4	3.4	0.8
2	8/4/2015 10:31:10	18.96	50.72	33.34	6.11	7.79	4.6	1.760	80.3	3.5	0.8
3	8/4/2015 10:46:10	18.89	50.91	33.48	6.13	7.80	5.9	1.841	80.4	3.1	0.7
4	8/4/2015 11:01:10	18.74	50.86	33.44	6.16	7.81	5.7	1.945	80.6	3.3	0.8
5	8/4/2015 11:16:10	18.50	50.98	33.53	6.24	7.82	6.2	2.053	81.3	3.3	0.8
6	8/4/2015 11:31:10	18.46	50.75	33.36	6.26	7.82	5.2	2.150	81.4	3.2	0.8
7	8/4/2015 11:46:10	18.51	50.91	33.48	6.18	7.82	6.0	2.262	80.6	3.0	0.7
8	8/4/2015 12:01:10	18.31	50.91	33.47	6.24	7.82	6.2	2.358	81.0	2.4	0.6
9	8/4/2015 12:16:10	18.13	50.93	33.49	6.30	7.83	6.6	2.468	81.5	2.4	0.6
10	8/4/2015 12:31:10	17.94	50.80	33.40	6.33	7.84	7.7	2.564	81.6	3.0	0.7
11	8/4/2015 12:46:10	17.67	50.76	33.36	6.40	7.84	9.6	2.670	82.0	2.8	0.7
12	8/4/2015 13:01:10	17.49	50.52	33.19	6.47	7.85	10.7	2.771	82.6	2.7	0.6
13	8/4/2015 13:16:10	17.33	50.75	33.35	6.55	7.86	11.9	2.868	83.4	3.1	0.7
14	8/4/2015 13:31:11	16.94	50.72	33.32	6.76	7.87	13.7	2.973	85.5	3.0	0.7
15	8/4/2015 13:46:10	16.48	50.27	32.99	7.10	7.90	11.7	3.083	88.7	3.9	0.9
16	8/4/2015 14:01:10	15.99	50.63	33.25	7.48	7.93	12.5	3.193	92.8	4.0	0.9
17	8/4/2015 14:16:10	15.53	50.50	33.14	7.92	7.97	10.7	3.286	97.3	4.8	1.1
18	8/4/2015 14:31:11	15.22	50.67	33.26	8.19	7.99	11.6	3.398	100.0	5.1	1.2
19	8/4/2015 14:46:11	14.92	50.40	33.06	8.54	8.01	9.2	3.513	103.5	5.4	1.3
20	8/4/2015 15:01:10	14.71	50.43	33.07	8.80	8.03	7.4	3.600	106.3	6.9	1.6
21	8/4/2015 15:16:10	14.57	50.36	33.01	9.08	8.05	6.0	3.677	109.3	6.2	1.5
22	8/4/2015 15:31:10	14.47	50.60	33.19	9.33	8.07	4.2	3.758	112.2	6.5	1.5
23	8/4/2015 15:46:11	14.74	50.33	33.00	9.64	8.09	3.7	3.822	116.5	7.5	1.8
24	8/4/2015 16:01:10	14.27	50.43	33.06	9.93	8.11	2.3	3.853	118.9	7.8	1.8
25	8/4/2015 16:16:10	14.51	50.48	33.10	9.60	8.09	3.2	3.875	115.5	16.3	3.8
26	8/4/2015 16:31:10	14.44	50.51	33.12	9.55	8.08	3.6	3.868	114.8	6.0	1.4
27	8/4/2015 16:46:11	14.46	50.57	33.17	9.61	8.09	3.0	3.833	115.5	5.4	1.3
28	8/4/2015 17:01:11	14.42	50.63	33.21	9.69	8.10	2.8	3.777	116.5	5.8	1.4
29	8/4/2015 17:16:11	14.67	50.60	33.19	9.26	8.07	5.4	3.694	111.8	5.5	1.3
30	8/4/2015 17:31:11	14.71	50.59	33.19	9.30	8.08	7.3	3.600	112.4	6.0	1.4
31	8/4/2015 17:46:10	14.95	50.60	33.20	8.95	8.06	6.5	3.490	108.7	5.1	1.2
32	8/4/2015 18:01:10	15.97	50.46	33.12	8.24	8.00	8.9	3.377	102.0	4.8	1.1
33	8/4/2015 18:16:10	16.01	50.75	33.33	8.25	8.00	9.8	3.265	102.4	5.5	1.3
34	8/4/2015 18:31:10	16.10	50.74	33.33	8.21	7.99	7.8	3.149	102.1	4.9	1.2
35	8/4/2015 18:46:10	16.34	50.74	33.33	8.07	7.99	8.7	3.036	100.8	4.9	1.1
36	8/4/2015 19:01:10	16.92	50.91	33.46	7.65	7.96	8.3	2.925	96.7	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	Fluorescence %FS
37	8/4/2015 19:16:11	17.17	50.94	33.49	7.46	7.94	8.0	2.820	94.8	3.9	0.9
38	8/4/2015 19:31:11	17.51	50.85	33.43	7.29	7.92	8.7	2.707	93.2	3.5	0.8
39	8/4/2015 19:46:11	17.38	50.96	33.51	7.28	7.92	9.2	2.598	92.9	2.8	0.7
40	8/4/2015 20:01:11	17.54	50.93	33.49	7.16	7.91	8.5	2.493	91.6	3.6	0.8
41	8/4/2015 20:16:10	17.26	50.86	33.43	7.37	7.92	7.1	2.379	93.8	4.0	0.9
42	8/4/2015 20:31:10	17.32	50.81	33.39	7.26	7.92	7.3	2.286	92.4	4.4	1.0
43	8/4/2015 20:46:10	17.58	51.01	33.54	7.10	7.90	7.0	2.174	91.0	3.9	0.9
44	8/4/2015 21:01:11	17.61	50.94	33.49	7.05	7.90	6.8	2.099	90.3	3.8	0.9
45	8/4/2015 21:16:11	17.65	51.04	33.57	6.95	7.89	6.7	2.030	89.1	4.1	1.0
46	8/4/2015 21:31:11	17.78	50.81	33.40	6.85	7.88	7.3	1.952	88.1	3.8	0.9
47	8/4/2015 21:46:10	17.87	50.98	33.53	6.75	7.88	7.1	1.891	86.9	3.5	0.8
48	8/4/2015 22:01:10	18.20	51.03	33.56	6.57	7.86	6.5	1.864	85.2	4.2	1.0
49	8/4/2015 22:16:10	18.41	51.01	33.55	6.60	7.86	5.1	1.887	85.9	3.6	0.9
50	8/4/2015 22:31:11	18.74	51.07	33.60	6.66	7.86	4.3	1.882	87.2	4.0	0.9
51	8/4/2015 22:46:11	18.65	51.19	33.68	6.67	7.86	4.4	1.909	87.2	4.1	1.0
52	8/4/2015 23:01:10	18.80	51.21	33.70	6.68	7.86	4.8	1.987	87.6	3.3	0.8
53	8/4/2015 23:16:10	18.68	50.99	33.53	6.69	7.86	4.9	2.067	87.6	3.1	0.7
54	8/4/2015 23:31:10	18.52	51.15	33.65	6.68	7.86	5.2	2.144	87.2	3.4	0.8
55	8/4/2015 23:46:11	18.53	51.04	33.57	6.57	7.85	7.6	2.226	85.8	4.1	1.0
56	8/5/2015 00:01:11	18.46	51.02	33.56	6.54	7.85	6.7	2.316	85.2	3.5	0.8
57	8/5/2015 00:16:11	18.26	50.89	33.46	6.67	7.86	6.2	2.406	86.5	4.3	1.0
58	8/5/2015 00:31:10	18.22	51.13	33.64	6.71	7.86	5.7	2.484	87.0	3.5	0.8
59	8/5/2015 00:46:11	18.00	51.07	33.59	6.77	7.87	5.5	2.556	87.4	3.6	0.8
60	8/5/2015 01:01:11	17.58	51.03	33.56	6.87	7.88	4.9	2.646	88.0	3.8	0.9
61	8/5/2015 01:16:11	17.47	50.97	33.51	6.89	7.88	4.9	2.723	88.1	3.4	0.8
62	8/5/2015 01:31:11	17.34	50.91	33.47	6.94	7.88	5.0	2.799	88.5	3.5	0.8
63	8/5/2015 01:46:11	17.10	50.85	33.42	7.08	7.89	5.9	2.881	89.8	3.2	0.8
64	8/5/2015 02:01:11	16.89	50.91	33.47	7.21	7.91	6.0	2.955	91.1	3.6	0.9
65	8/5/2015 02:16:10	16.78	50.80	33.38	7.28	7.91	6.2	3.039	91.7	3.4	0.8
66	8/5/2015 02:31:11	16.64	50.93	33.47	7.39	7.92	6.7	3.114	92.9	3.7	0.9
67	8/5/2015 02:46:11	16.33	50.85	33.41	7.62	7.94	7.0	3.192	95.3	3.8	0.9
68	8/5/2015 03:01:11	16.00	50.85	33.41	7.87	7.96	6.1	3.267	97.8	3.2	0.8
69	8/5/2015 03:16:11	15.74	50.79	33.35	8.15	7.98	5.6	3.337	100.6	3.6	0.9
70	8/5/2015 03:31:11	15.49	50.51	33.15	8.36	8.00	4.4	3.399	102.6	4.1	1.0
71	8/5/2015 03:46:10	15.35	50.51	33.15	8.50	8.01	3.5	3.449	104.0	3.8	0.9
72	8/5/2015 04:01:11	15.29	50.75	33.32	8.56	8.02	3.1	3.492	104.7	4.2	1.0
73	8/5/2015 04:16:11	15.27	50.78	33.34	8.47	8.01	2.7	3.511	103.5	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	Fluorescence %FS
74	8/5/2015 04:31:11	15.45	50.73	33.30	8.14	7.99	3.8	3.518	99.9	3.4	0.8
75	8/5/2015 04:46:10	15.27	50.52	33.15	8.40	8.01	3.1	3.498	102.6	2.9	0.7
76	8/5/2015 05:01:10	15.48	50.62	33.23	8.15	7.99	3.4	3.451	100.0	3.1	0.7
77	8/5/2015 05:16:11	15.63	50.74	33.32	7.98	7.98	5.1	3.393	98.4	2.8	0.7
78	8/5/2015 05:31:11	15.80	50.77	33.35	7.89	7.97	5.7	3.320	97.6	3.1	0.7
79	8/5/2015 05:46:11	15.80	50.72	33.31	7.90	7.97	7.8	3.228	97.7	3.1	0.7
80	8/5/2015 06:01:11	16.29	50.86	33.42	7.44	7.93	9.0	3.117	92.8	3.1	0.7
81	8/5/2015 06:16:11	16.54	50.93	33.47	7.21	7.92	8.0	3.022	90.5	3.2	0.7
82	8/5/2015 06:31:11	16.82	50.87	33.43	6.91	7.89	9.0	2.928	87.1	3.2	0.7
83	8/5/2015 06:46:10	17.12	51.07	33.58	6.61	7.86	8.1	2.816	84.0	3.0	0.7
84	8/5/2015 07:01:10	17.43	51.07	33.59	6.26	7.83	8.4	2.710	80.0	3.1	0.7
85	8/5/2015 07:16:11	17.58	51.12	33.63	6.05	7.80	8.2	2.613	77.5	2.7	0.6
86	8/5/2015 07:31:11	17.61	51.21	33.69	5.79	7.79	7.9	2.510	74.3	2.7	0.6
87	8/5/2015 07:46:11	17.61	51.15	33.65	5.85	7.78	7.4	2.401	75.1	2.6	0.6
88	8/5/2015 08:01:11	17.63	51.04	33.57	5.85	7.78	7.0	2.289	75.0	2.5	0.6
89	8/5/2015 08:16:11	17.53	51.15	33.65	6.06	7.81	6.5	2.195	77.6	2.7	0.6
90	8/5/2015 08:31:11	17.49	51.14	33.64	6.27	7.82	5.9	2.091	80.2	2.8	0.7
91	8/5/2015 08:46:11	17.50	51.01	33.54	6.27	7.82	6.0	1.985	80.2	2.8	0.7
92	8/5/2015 09:01:11	17.71	51.08	33.60	6.22	7.82	5.9	1.896	79.9	2.8	0.7
93	8/5/2015 09:16:11	17.77	51.16	33.66	6.21	7.81	5.1	1.822	79.9	3.1	0.7
94	8/5/2015 09:31:11	17.89	51.14	33.65	6.18	7.81	5.7	1.770	79.7	2.9	0.7
95	8/5/2015 09:46:11	18.08	51.26	33.73	6.11	7.80	4.6	1.714	79.1	2.2	0.5
96	8/5/2015 10:01:11	18.09	51.22	33.71	6.08	7.80	5.0	1.696	78.8	2.5	0.6
97	8/5/2015 10:16:11	17.99	51.22	33.70	6.22	7.81	5.1	1.719	80.4	2.9	0.7
98	8/5/2015 10:31:11	18.28	51.15	33.66	6.12	7.80	4.0	1.738	79.4	3.0	0.7
99	8/5/2015 10:46:11	18.26	51.24	33.72	6.13	7.80	5.6	1.788	79.7	2.6	0.6
100	8/5/2015 11:01:10	18.57	51.27	33.74	6.00	7.79	4.0	1.832	78.4	2.7	0.6
101	8/5/2015 11:16:10	18.56	51.10	33.62	6.04	7.79	4.1	1.940	78.9	2.2	0.5
102	8/5/2015 11:31:10	18.40	51.19	33.68	6.11	7.80	5.1	2.028	79.6	2.9	0.7
103	8/5/2015 11:46:11	18.22	51.09	33.61	6.18	7.80	5.7	2.102	80.2	2.9	0.7
104	8/5/2015 12:01:10	18.11	51.03	33.57	6.21	7.80	4.9	2.204	80.4	2.9	0.7
105	8/5/2015 12:16:11	18.14	51.20	33.69	6.24	7.81	4.8	2.296	80.8	3.0	0.7
106	8/5/2015 12:31:11	18.17	51.18	33.68	6.23	7.81	5.4	2.384	80.7	2.7	0.6
107	8/5/2015 12:46:10	18.13	51.03	33.57	6.23	7.81	5.5	2.476	80.6	2.6	0.6
108	8/5/2015 13:01:10	17.93	50.93	33.49	6.37	7.82	5.6	2.566	82.1	2.5	0.6
109	8/5/2015 13:16:11	17.78	51.12	33.63	6.47	7.83	6.4	2.665	83.3	2.6	0.6
110	8/5/2015 13:31:11	17.60	51.13	33.63	6.60	7.85	7.8	2.754	84.6	2.8	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
111	8/5/2015 13:46:11	17.43	51.04	33.56	6.72	7.86	9.4	2.844	85.8	2.8	0.7
112	8/5/2015 14:01:11	17.31	51.05	33.57	6.87	7.87	10.3	2.942	87.6	3.2	0.7
113	8/5/2015 14:16:11	17.12	50.79	33.38	7.03	7.88	10.9	3.044	89.2	2.6	0.6
114	8/5/2015 14:31:12	16.76	50.82	33.40	7.45	7.92	11.5	3.142	93.9	3.0	0.7
115	8/5/2015 14:46:11	16.41	50.91	33.46	7.81	7.95	11.8	3.240	97.8	3.1	0.7
116	8/5/2015 15:01:11	16.12	50.78	33.36	8.16	7.98	11.2	3.341	101.5	3.6	0.9
117	8/5/2015 15:16:11	15.91	50.59	33.21	8.49	8.00	11.5	3.441	105.0	4.4	1.0
118	8/5/2015 15:31:11	15.79	50.79	33.35	8.67	8.02	11.0	3.537	107.1	4.8	1.1
119	8/5/2015 15:46:11	15.64	50.84	33.39	8.87	8.03	10.6	3.623	109.4	4.9	1.1
120	8/5/2015 16:01:11	15.48	50.62	33.23	9.00	8.04	8.9	3.698	110.5	4.8	1.1
121	8/5/2015 16:16:11	15.36	50.76	33.33	9.11	8.05	5.8	3.771	111.7	5.9	1.4
122	8/5/2015 16:31:11	15.31	50.75	33.32	9.16	8.06	3.9	3.816	112.1	4.8	1.1
123	8/5/2015 16:46:11	15.21	50.78	33.34	9.28	8.06	3.3	3.852	113.4	5.0	1.2
124	8/5/2015 17:01:11	15.19	50.74	33.31	9.24	8.06	3.1	3.879	112.8	8.3	2.0
125	8/5/2015 17:16:10	15.25	50.74	33.31	9.06	8.05	3.1	3.857	110.7	3.9	0.9
126	8/5/2015 17:31:11	15.62	50.74	33.32	8.87	8.04	4.0	3.825	109.2	3.4	0.8
127	8/5/2015 17:46:11	15.54	50.79	33.35	8.94	8.05	4.3	3.780	109.9	3.7	0.9
128	8/5/2015 18:01:11	15.70	50.79	33.36	8.85	8.04	6.2	3.707	109.2	3.8	0.9
129	8/5/2015 18:16:11	15.65	50.81	33.37	8.90	8.05	8.4	3.612	109.7	3.6	0.8
130	8/5/2015 18:31:11	15.72	50.76	33.33	8.88	8.04	9.0	3.515	109.6	3.8	0.9
131	8/5/2015 18:46:11	17.08	50.87	33.44	8.39	8.01	10.7	3.405	106.4	4.4	1.0
132	8/5/2015 19:01:11	16.98	50.39	33.08	8.52	8.01	10.3	3.314	107.6	4.4	1.0
133	8/5/2015 19:16:11	16.93	50.66	33.28	8.48	8.00	10.3	3.194	107.1	3.7	0.9
134	8/5/2015 19:31:11	17.04	50.74	33.34	8.35	8.00	11.4	3.086	105.7	4.3	1.0
135	8/5/2015 19:46:10	17.48	50.79	33.38	8.07	7.97	11.8	2.982	103.1	3.3	0.8
136	8/5/2015 20:01:11	17.79	50.98	33.52	7.93	7.96	11.7	2.880	102.0	3.6	0.9
137	8/5/2015 20:16:11	18.09	50.96	33.51	7.79	7.95	11.5	2.774	100.7	3.6	0.8
138	8/5/2015 20:31:11	18.14	51.09	33.61	7.67	7.94	12.8	2.662	99.4	3.5	0.8
139	8/5/2015 20:46:11	17.85	50.94	33.49	7.67	7.94	14.4	2.554	98.7	3.7	0.9
140	8/5/2015 21:01:11	17.49	50.95	33.50	7.72	7.94	13.3	2.454	98.7	3.6	0.8
141	8/5/2015 21:16:11	17.83	51.05	33.57	7.65	7.93	10.9	2.356	98.5	3.3	0.8
142	8/5/2015 21:31:12	17.69	51.08	33.60	7.63	7.94	10.4	2.245	98.0	3.4	0.8
143	8/5/2015 21:46:11	18.02	50.99	33.53	7.49	7.92	11.4	2.136	96.7	3.7	0.9
144	8/5/2015 22:01:11	18.23	51.14	33.64	7.48	7.92	10.8	2.055	97.1	3.4	0.8
145	8/5/2015 22:16:11	18.02	51.15	33.65	7.37	7.91	10.8	1.973	95.2	3.5	0.8
146	8/5/2015 22:31:11	18.20	51.09	33.61	7.29	7.91	10.3	1.899	94.5	3.3	0.8
147	8/5/2015 22:46:11	18.45	51.11	33.62	7.20	7.90	9.3	1.843	93.9	3.6	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	Fluorescence %FS
148	8/5/2015 23:01:10	18.86	51.12	33.63	7.19	7.90	8.7	1.822	94.4	3.6	0.8
149	8/5/2015 23:16:10	19.12	51.24	33.72	7.27	7.90	6.9	1.824	95.9	3.6	0.8
150	8/5/2015 23:31:11	19.30	51.25	33.73	7.34	7.90	6.2	1.821	97.2	4.1	1.0
151	8/5/2015 23:46:11	19.23	51.20	33.69	7.36	7.90	5.8	1.845	97.4	3.7	0.9
152	8/6/2015 00:01:11	19.35	51.35	33.80	7.36	7.90	7.1	1.927	97.6	3.6	0.9
153	8/6/2015 00:16:11	19.34	51.36	33.81	7.37	7.90	7.3	1.978	97.7	3.9	0.9
154	8/6/2015 00:31:11	19.33	51.19	33.69	7.20	7.88	8.3	2.046	95.4	3.8	0.9
155	8/6/2015 00:46:10	19.60	51.26	33.73	6.83	7.85	9.6	2.141	91.0	4.4	1.0
156	8/6/2015 01:01:10	19.40	51.26	33.73	6.89	7.85	10.1	2.206	91.5	4.5	1.1
157	8/6/2015 01:16:11	19.16	51.14	33.65	6.97	7.86	7.9	2.296	92.1	3.9	0.9
158	8/6/2015 01:31:11	19.02	51.20	33.69	7.05	7.87	7.7	2.366	92.8	3.9	0.9
159	8/6/2015 01:46:10	18.76	51.13	33.64	7.16	7.88	7.2	2.430	93.9	3.4	0.8
160	8/6/2015 02:01:10	18.50	51.12	33.63	7.19	7.88	5.9	2.507	93.8	3.4	0.8
161	8/6/2015 02:16:11	18.26	50.98	33.53	7.17	7.88	5.9	2.584	93.0	3.6	0.8
162	8/6/2015 02:31:11	18.17	51.10	33.62	7.15	7.88	4.9	2.652	92.6	3.5	0.8
163	8/6/2015 02:46:10	18.00	50.90	33.47	7.19	7.88	5.9	2.714	92.8	3.5	0.8
164	8/6/2015 03:01:11	17.78	51.09	33.60	7.22	7.89	6.8	2.794	92.9	3.1	0.7
165	8/6/2015 03:16:11	17.65	51.04	33.56	7.32	7.90	6.4	2.865	93.9	3.1	0.7
166	8/6/2015 03:31:12	17.52	50.98	33.52	7.40	7.91	5.9	2.934	94.7	3.2	0.7
167	8/6/2015 03:46:11	17.44	50.82	33.40	7.47	7.91	7.0	3.002	95.3	3.0	0.7
168	8/6/2015 04:01:11	17.19	51.05	33.57	7.61	7.93	7.3	3.070	96.7	3.7	0.9
169	8/6/2015 04:16:11	16.94	50.87	33.43	7.75	7.94	7.4	3.138	98.0	3.6	0.8
170	8/6/2015 04:31:11	16.70	50.88	33.44	7.88	7.95	6.2	3.189	99.2	3.1	0.7
171	8/6/2015 04:46:11	16.69	50.93	33.48	7.85	7.95	4.6	3.241	98.8	3.0	0.7
172	8/6/2015 05:01:11	16.42	50.88	33.44	8.05	7.97	3.4	3.287	100.7	3.0	0.7
173	8/6/2015 05:16:11	16.49	50.86	33.42	7.91	7.96	4.2	3.313	99.1	2.8	0.7
174	8/6/2015 05:31:11	17.48	51.21	33.69	6.43	7.82	9.7	3.327	82.3	3.5	0.8
175	8/6/2015 05:46:11	16.69	50.96	33.50	7.51	7.92	5.6	3.314	94.6	3.4	0.8
176	8/6/2015 06:01:11	17.19	50.96	33.51	7.02	7.88	8.1	3.292	89.2	2.9	0.7
177	8/6/2015 06:16:11	16.80	50.94	33.48	7.54	7.93	5.3	3.251	95.1	3.2	0.8
178	8/6/2015 06:31:11	17.18	51.05	33.57	7.13	7.89	7.8	3.184	90.6	2.4	0.6
179	8/6/2015 06:46:10	16.99	50.98	33.52	7.28	7.90	9.2	3.103	92.2	2.6	0.6
180	8/6/2015 07:01:11	16.81	50.74	33.34	7.54	7.93	7.1	3.032	95.1	2.9	0.7
181	8/6/2015 07:16:10	17.28	50.96	33.51	7.10	7.89	8.2	2.942	90.4	2.8	0.7
182	8/6/2015 07:31:11	17.49	51.08	33.60	6.93	7.87	8.0	2.837	88.6	2.8	0.7
183	8/6/2015 07:46:11	17.66	51.14	33.64	6.70	7.85	8.1	2.766	86.0	2.3	0.5
184	8/6/2015 08:01:11	17.78	51.22	33.70	6.59	7.85	6.6	2.676	84.8	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	Fluorescence %FS
185	8/6/2015 08:16:11	17.85	51.13	33.64	6.31	7.81	8.0	2.594	81.3	2.6	0.6
186	8/6/2015 08:31:11	17.98	51.12	33.63	6.33	7.82	7.7	2.512	81.7	2.5	0.6
187	8/6/2015 08:46:11	17.96	51.21	33.70	6.16	7.80	7.0	2.435	79.6	2.5	0.6
188	8/6/2015 09:01:10	17.92	51.11	33.62	6.33	7.81	7.3	2.342	81.7	2.7	0.6
189	8/6/2015 09:16:11	18.12	51.14	33.65	6.42	7.82	5.7	2.262	83.1	2.6	0.6
190	8/6/2015 09:31:11	18.05	51.24	33.72	6.44	7.83	5.6	2.194	83.3	2.8	0.7
191	8/6/2015 09:46:10	18.09	50.96	33.51	6.49	7.83	5.6	2.114	83.9	2.4	0.6
192	8/6/2015 10:01:11	18.18	51.30	33.76	6.50	7.83	6.2	2.047	84.3	2.1	0.5
193	8/6/2015 10:16:10	18.15	50.95	33.51	6.58	7.83	5.2	1.999	85.1	2.6	0.6
194	8/6/2015 10:31:10	18.23	50.92	33.48	6.63	7.84	5.2	1.972	86.0	2.4	0.6
195	8/6/2015 10:46:10	18.25	51.15	33.65	6.63	7.84	4.7	1.940	86.1	2.1	0.5
196	8/6/2015 11:01:11	18.31	51.18	33.68	6.53	7.83	4.1	1.926	84.8	1.9	0.4
197	8/6/2015 11:16:11	18.31	51.21	33.70	6.66	7.84	4.6	1.964	86.5	3.2	0.8
198	8/6/2015 11:31:11	18.41	51.20	33.69	6.57	7.83	4.0	1.981	85.6	2.9	0.7
199	8/6/2015 11:46:11	18.46	51.01	33.55	6.58	7.83	4.2	2.019	85.7	3.3	0.8
200	8/6/2015 12:01:11	18.54	51.24	33.72	6.58	7.84	4.0	2.082	85.9	3.3	0.8
201	8/6/2015 12:16:11	18.48	51.13	33.64	6.56	7.83	4.6	2.159	85.5	3.0	0.7
202	8/6/2015 12:31:11	18.42	51.28	33.74	6.57	7.83	4.9	2.235	85.6	2.9	0.7
203	8/6/2015 12:46:11	18.33	51.19	33.68	6.51	7.83	5.1	2.305	84.6	2.6	0.6
204	8/6/2015 13:01:11	18.31	51.16	33.66	6.47	7.83	5.9	2.394	84.1	2.7	0.6
205	8/6/2015 13:16:11	18.18	51.14	33.64	6.59	7.83	5.4	2.468	85.5	3.0	0.7
206	8/6/2015 13:31:11	18.09	51.20	33.69	6.65	7.84	6.2	2.550	86.1	3.1	0.7
207	8/6/2015 13:46:11	17.94	51.20	33.69	6.73	7.85	5.8	2.631	86.8	2.2	0.5
208	8/6/2015 14:01:10	17.82	50.87	33.44	6.85	7.86	6.3	2.716	88.1	2.7	0.6
209	8/6/2015 14:16:11	17.71	50.96	33.51	6.95	7.87	7.0	2.801	89.2	2.8	0.6
210	8/6/2015 14:31:11	17.60	51.08	33.59	7.07	7.88	8.5	2.884	90.6	2.9	0.7
211	8/6/2015 14:46:11	17.45	50.94	33.49	7.19	7.89	8.2	2.973	91.9	2.6	0.6
212	8/6/2015 15:01:11	17.31	51.04	33.56	7.31	7.90	9.7	3.068	93.2	3.4	0.8
213	8/6/2015 15:16:11	17.14	50.98	33.52	7.47	7.92	10.2	3.159	94.9	2.3	0.5
214	8/6/2015 15:31:11	16.83	50.89	33.45	7.73	7.94	10.3	3.251	97.6	3.4	0.8
215	8/6/2015 15:46:11	16.52	50.78	33.36	8.01	7.96	9.2	3.352	100.4	2.8	0.7
216	8/6/2015 16:01:11	16.12	50.74	33.33	8.29	7.99	10.9	3.437	103.1	3.2	0.7
217	8/6/2015 16:16:11	15.83	50.77	33.34	8.53	8.01	11.4	3.522	105.5	4.0	0.9
218	8/6/2015 16:31:11	15.56	50.77	33.34	8.79	8.03	7.6	3.604	108.1	4.4	1.0
219	8/6/2015 16:46:11	15.40	50.85	33.40	8.92	8.04	7.0	3.673	109.4	3.9	0.9
220	8/6/2015 17:01:11	15.18	50.79	33.34	9.05	8.05	4.6	3.733	110.5	3.8	0.9
221	8/6/2015 17:16:11	15.13	50.73	33.30	9.05	8.05	3.2	3.786	110.4	4.3	1.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
222	8/6/2015 17:31:11	15.09	50.70	33.28	9.06	8.05	2.6	3.828	110.3	3.9	0.9
223	8/6/2015 17:46:11	15.02	50.65	33.24	9.04	8.05	2.5	3.840	110.0	5.0	1.2
224	8/6/2015 18:01:11	15.30	50.66	33.25	8.78	8.03	3.1	3.836	107.4	3.5	0.8
225	8/6/2015 18:16:11	15.19	50.80	33.36	8.80	8.03	3.4	3.818	107.5	2.9	0.7
226	8/6/2015 18:31:11	15.24	50.80	33.36	8.82	8.04	3.1	3.771	107.8	2.5	0.6
227	8/6/2015 18:46:11	15.56	50.83	33.38	8.77	8.04	4.6	3.710	107.9	2.5	0.6
228	8/6/2015 19:01:11	15.55	50.77	33.34	8.78	8.04	7.0	3.631	108.0	2.9	0.7
229	8/6/2015 19:16:11	16.14	50.82	33.39	8.46	8.01	5.6	3.546	105.3	3.3	0.8
230	8/6/2015 19:31:11	16.59	51.01	33.53	8.31	8.00	6.6	3.446	104.4	3.4	0.8
231	8/6/2015 19:46:11	17.22	50.99	33.53	8.20	7.99	7.4	3.343	104.3	3.2	0.8
232	8/6/2015 20:01:11	17.19	50.94	33.49	8.21	7.98	8.3	3.251	104.3	3.5	0.8
233	8/6/2015 20:16:11	17.12	51.00	33.53	8.16	7.98	7.3	3.145	103.6	3.4	0.8
234	8/6/2015 20:31:11	17.25	50.97	33.52	8.05	7.97	7.1	3.039	102.5	3.4	0.8
235	8/6/2015 20:46:11	17.57	51.08	33.59	7.88	7.95	6.8	2.947	100.9	3.5	0.8
236	8/6/2015 21:01:11	17.64	51.15	33.65	7.79	7.95	8.1	2.844	100.0	3.3	0.8
237	8/6/2015 21:16:11	17.82	51.15	33.65	7.57	7.93	7.0	2.743	97.5	3.6	0.8
238	8/6/2015 21:31:12	18.01	51.20	33.68	7.52	7.92	7.1	2.639	97.3	3.4	0.8
239	8/6/2015 21:46:11	18.04	50.92	33.48	7.50	7.92	7.5	2.537	96.9	3.8	0.9
240	8/6/2015 22:01:11	17.73	51.13	33.63	7.50	7.92	7.4	2.432	96.3	3.8	0.9
241	8/6/2015 22:16:11	17.88	51.12	33.62	7.50	7.92	7.3	2.329	96.6	3.3	0.8
242	8/6/2015 22:31:11	17.54	51.19	33.67	7.52	7.92	7.6	2.219	96.4	3.6	0.8
243	8/6/2015 22:46:10	17.93	51.05	33.57	7.44	7.91	8.2	2.119	96.0	3.1	0.7
244	8/6/2015 23:01:11	18.20	51.11	33.62	7.42	7.91	7.9	2.034	96.2	3.1	0.7
245	8/6/2015 23:16:11	18.06	51.24	33.72	7.38	7.91	7.9	1.932	95.6	3.5	0.8
246	8/6/2015 23:31:11	18.27	51.17	33.67	7.37	7.91	8.2	1.863	95.8	3.5	0.8
247	8/6/2015 23:46:10	18.46	51.05	33.58	7.28	7.90	7.3	1.803	94.9	3.6	0.8
248	8/7/2015 00:01:10	18.60	51.20	33.69	7.26	7.90	7.2	1.765	94.9	3.4	0.8
249	8/7/2015 00:16:11	18.80	51.22	33.71	7.25	7.90	5.7	1.731	95.2	3.7	0.9
250	8/7/2015 00:31:10	19.01	51.14	33.64	7.31	7.90	4.5	1.724	96.3	3.7	0.9
251	8/7/2015 00:46:11	19.09	51.33	33.79	7.48	7.91	4.0	1.743	98.8	3.6	0.8
252	8/7/2015 01:01:11	19.07	51.32	33.78	7.53	7.91	3.8	1.757	99.3	3.7	0.9
253	8/7/2015 01:16:11	19.03	51.40	33.84	7.50	7.91	4.3	1.819	98.9	4.0	0.9
254	8/7/2015 01:31:11	19.09	51.47	33.89	7.55	7.91	3.9	1.875	99.7	3.6	0.8
255	8/7/2015 01:46:11	18.99	51.37	33.82	7.49	7.90	4.3	1.953	98.7	3.7	0.9
256	8/7/2015 02:01:11	19.09	51.42	33.85	7.15	7.88	6.2	2.015	94.4	4.1	1.0
257	8/7/2015 02:16:11	19.28	51.44	33.87	6.76	7.85	7.9	2.093	89.6	5.1	1.2
258	8/7/2015 02:31:11	19.05	51.23	33.72	6.89	7.86	6.7	2.178	90.8	4.5	1.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
259	8/7/2015 02:46:10	18.88	51.31	33.77	6.93	7.86	6.0	2.239	91.2	4.1	1.0
260	8/7/2015 03:01:11	18.82	51.34	33.79	7.00	7.87	5.4	2.319	91.9	4.2	1.0
261	8/7/2015 03:16:11	18.52	51.39	33.83	7.09	7.88	4.8	2.380	92.7	3.7	0.9
262	8/7/2015 03:31:11	18.29	51.21	33.70	7.10	7.88	4.5	2.461	92.3	3.5	0.8
263	8/7/2015 03:46:11	18.10	51.27	33.74	7.07	7.87	4.4	2.531	91.6	3.2	0.7
264	8/7/2015 04:01:11	18.02	51.07	33.59	7.07	7.87	4.5	2.588	91.4	3.2	0.8
265	8/7/2015 04:16:11	17.97	51.25	33.73	7.09	7.88	4.2	2.665	91.6	3.2	0.8
266	8/7/2015 04:31:11	17.87	51.18	33.67	7.11	7.88	4.3	2.728	91.7	3.0	0.7
267	8/7/2015 04:46:11	17.69	51.25	33.72	7.19	7.89	4.4	2.790	92.3	2.8	0.7
268	8/7/2015 05:01:11	17.53	51.21	33.69	7.25	7.89	4.9	2.847	92.8	2.7	0.6
269	8/7/2015 05:16:11	17.45	51.17	33.66	7.28	7.90	3.9	2.910	93.1	2.7	0.6
270	8/7/2015 05:31:10	17.37	51.17	33.66	7.30	7.90	4.2	2.974	93.2	2.8	0.7
271	8/7/2015 05:46:11	17.25	51.00	33.53	7.37	7.91	4.2	3.018	93.8	3.0	0.7
272	8/7/2015 06:01:11	17.08	51.01	33.54	7.43	7.91	4.0	3.074	94.3	2.7	0.6
273	8/7/2015 06:16:11	17.10	50.92	33.48	7.38	7.91	3.8	3.104	93.6	2.7	0.6
274	8/7/2015 06:31:12	17.49	51.48	33.89	6.74	7.87	6.7	3.133	86.4	3.4	0.8
275	8/7/2015 06:46:12	17.58	51.30	33.76	6.78	7.86	7.6	3.148	87.0	3.1	0.7
276	8/7/2015 07:01:11	17.24	50.92	33.47	7.10	7.89	4.6	3.142	90.3	2.2	0.5
277	8/7/2015 07:16:11	17.60	51.18	33.67	6.52	7.84	8.1	3.134	83.7	2.9	0.7
278	8/7/2015 07:31:11	17.41	51.22	33.70	6.77	7.86	6.9	3.096	86.6	3.2	0.8
279	8/7/2015 07:46:11	17.49	51.32	33.77	6.43	7.82	9.7	3.039	82.4	2.8	0.7
280	8/7/2015 08:01:11	17.47	51.22	33.70	6.63	7.85	8.2	2.991	84.9	2.8	0.7
281	8/7/2015 08:16:11	17.31	51.23	33.71	6.97	7.88	6.2	2.926	89.0	2.4	0.6
282	8/7/2015 08:31:11	17.40	51.18	33.67	7.04	7.88	6.3	2.850	90.0	2.7	0.6
283	8/7/2015 08:46:11	17.67	51.35	33.80	6.84	7.86	6.5	2.770	87.9	2.6	0.6
284	8/7/2015 09:01:11	17.79	51.36	33.81	6.68	7.85	6.4	2.711	86.1	2.5	0.6
285	8/7/2015 09:16:11	17.85	51.25	33.72	6.64	7.85	5.4	2.645	85.5	2.5	0.6
286	8/7/2015 09:31:11	17.95	51.33	33.78	6.59	7.84	5.3	2.579	85.1	2.3	0.5
287	8/7/2015 09:46:11	17.98	51.34	33.79	6.53	7.83	6.5	2.511	84.4	2.3	0.5
288	8/7/2015 10:01:11	18.08	51.38	33.82	6.42	7.82	5.5	2.450	83.1	2.5	0.6
289	8/7/2015 10:16:10	18.20	51.31	33.77	6.51	7.82	4.8	2.402	84.5	2.9	0.7
290	8/7/2015 10:31:11	18.26	51.34	33.79	6.57	7.83	4.8	2.322	85.4	3.2	0.8
291	8/7/2015 10:46:11	18.35	51.30	33.76	6.69	7.84	4.3	2.279	87.1	3.2	0.8
292	8/7/2015 11:01:11	18.35	51.45	33.88	6.66	7.84	4.5	2.224	86.7	2.6	0.6
293	8/7/2015 11:16:11	18.40	51.39	33.83	6.76	7.84	4.9	2.188	88.1	2.3	0.5
294	8/7/2015 11:31:11	18.44	51.30	33.76	6.86	7.85	4.5	2.165	89.5	2.7	0.6
295	8/7/2015 11:46:11	18.48	51.34	33.79	6.87	7.85	3.9	2.132	89.7	2.9	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	Fluorescence %FS
296	8/7/2015 12:01:11	18.56	51.43	33.86	6.85	7.86	4.0	2.130	89.5	2.8	0.7
297	8/7/2015 12:16:11	18.64	51.34	33.79	6.94	7.86	4.1	2.148	90.8	3.2	0.8
298	8/7/2015 12:31:11	18.62	51.27	33.74	6.92	7.85	3.7	2.170	90.5	3.2	0.8
299	8/7/2015 12:46:11	18.63	51.36	33.81	6.92	7.86	4.2	2.203	90.6	3.5	0.8
300	8/7/2015 13:01:11	18.60	51.37	33.82	6.93	7.85	4.8	2.249	90.6	2.6	0.6
301	8/7/2015 13:16:11	18.57	51.27	33.74	6.90	7.85	5.0	2.301	90.2	2.9	0.7
302	8/7/2015 13:31:11	18.48	51.33	33.79	6.86	7.85	5.3	2.375	89.5	2.8	0.7
303	8/7/2015 13:46:11	18.41	51.18	33.68	6.85	7.85	4.7	2.441	89.2	3.0	0.7
304	8/7/2015 14:01:11	18.27	51.32	33.77	6.97	7.86	4.9	2.512	90.6	3.0	0.7
305	8/7/2015 14:16:11	18.17	51.05	33.58	7.08	7.87	5.1	2.592	91.8	2.8	0.7
306	8/7/2015 14:31:11	18.08	51.33	33.78	7.09	7.87	4.9	2.657	91.8	3.1	0.7
307	8/7/2015 14:46:11	17.96	51.33	33.78	7.09	7.87	4.8	2.732	91.7	3.1	0.7
308	8/7/2015 15:01:11	17.83	51.22	33.70	7.13	7.88	4.6	2.802	91.8	2.6	0.6
309	8/7/2015 15:16:11	17.71	51.18	33.67	7.14	7.88	4.6	2.885	91.8	2.7	0.6
310	8/7/2015 15:31:11	17.53	51.15	33.65	7.16	7.89	5.4	2.959	91.7	2.3	0.5
311	8/7/2015 15:46:11	17.37	51.16	33.65	7.22	7.89	6.2	3.038	92.1	2.8	0.7
312	8/7/2015 16:01:11	17.18	51.01	33.54	7.35	7.91	6.2	3.130	93.5	2.6	0.6
313	8/7/2015 16:16:11	17.05	51.06	33.57	7.40	7.91	6.2	3.208	93.9	2.6	0.6
314	8/7/2015 16:31:11	16.72	50.80	33.38	7.58	7.93	6.7	3.305	95.4	2.7	0.6
315	8/7/2015 16:46:11	16.41	51.03	33.54	7.72	7.94	8.2	3.381	96.7	2.6	0.6
316	8/7/2015 17:01:11	16.03	50.94	33.47	7.93	7.96	6.7	3.463	98.6	2.3	0.5
317	8/7/2015 17:16:11	15.82	50.91	33.45	8.06	7.98	7.0	3.538	99.7	2.7	0.6
318	8/7/2015 17:31:11	15.57	50.92	33.45	8.18	7.99	6.5	3.611	100.7	3.0	0.7
319	8/7/2015 17:46:11	15.44	50.74	33.31	8.22	7.99	5.1	3.678	100.9	3.4	0.8
320	8/7/2015 18:01:11	15.38	50.91	33.44	8.24	7.99	3.5	3.720	101.1	2.9	0.7
321	8/7/2015 18:16:11	15.30	50.92	33.44	8.26	8.00	2.5	3.762	101.1	2.9	0.7
322	8/7/2015 18:31:11	15.19	50.87	33.41	8.31	8.00	1.9	3.799	101.5	2.8	0.7
323	8/7/2015 18:46:11	15.33	50.82	33.37	8.17	7.99	2.2	3.799	100.1	2.8	0.7
324	8/7/2015 19:01:11	15.25	50.76	33.33	8.08	7.99	2.7	3.788	98.8	2.1	0.5
325	8/7/2015 19:16:10	15.38	50.67	33.26	8.03	7.99	3.1	3.778	98.4	2.7	0.6
326	8/7/2015 19:31:10	15.40	50.98	33.49	7.97	7.98	3.6	3.730	97.8	2.6	0.6
327	8/7/2015 19:46:12	15.69	50.86	33.41	7.95	7.98	4.8	3.660	98.1	2.3	0.5
328	8/7/2015 20:01:11	15.78	50.94	33.47	7.94	7.98	5.6	3.591	98.2	2.7	0.6
329	8/7/2015 20:16:11	15.68	50.90	33.44	8.00	7.98	5.4	3.516	98.8	2.6	0.6
330	8/7/2015 20:31:11	16.94	51.06	33.58	7.75	7.96	6.2	3.417	98.1	2.8	0.7
331	8/7/2015 20:46:11	16.95	51.04	33.56	7.77	7.96	7.4	3.328	98.3	3.1	0.7
332	8/7/2015 21:01:11	16.96	50.98	33.52	7.86	7.96	7.0	3.232	99.5	2.9	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
333	8/7/2015 21:16:11	16.99	51.11	33.62	7.82	7.96	5.4	3.132	99.1	3.6	0.8
334	8/7/2015 21:31:11	17.10	51.09	33.60	7.73	7.95	5.6	3.036	98.1	2.9	0.7
335	8/7/2015 21:46:11	17.49	51.12	33.62	7.63	7.94	6.5	2.938	97.6	3.7	0.9
336	8/7/2015 22:01:11	17.64	51.20	33.69	7.63	7.94	6.6	2.845	97.9	3.9	0.9
337	8/7/2015 22:16:11	17.86	51.14	33.64	7.47	7.91	5.6	2.733	96.2	3.4	0.8
338	8/7/2015 22:31:10	18.30	51.26	33.73	7.51	7.93	7.7	2.634	97.7	3.2	0.8
339	8/7/2015 22:46:11	18.09	51.20	33.69	7.31	7.91	7.0	2.533	94.6	3.8	0.9
340	8/7/2015 23:01:11	17.77	51.27	33.74	7.14	7.90	7.9	2.423	91.9	3.3	0.8
341	8/7/2015 23:16:11	17.63	51.09	33.60	7.31	7.91	7.3	2.312	93.8	3.2	0.7
342	8/7/2015 23:31:11	17.95	51.27	33.74	7.36	7.91	6.4	2.202	95.1	3.5	0.8
343	8/7/2015 23:46:11	18.06	51.38	33.82	7.41	7.92	6.2	2.103	95.9	3.2	0.7
344	8/8/2015 00:01:11	18.16	51.32	33.78	7.38	7.92	6.8	1.997	95.8	3.7	0.9
345	8/8/2015 00:16:11	18.29	51.36	33.80	7.37	7.92	7.1	1.898	95.8	3.1	0.7
346	8/8/2015 00:31:11	18.25	51.33	33.79	7.30	7.91	6.6	1.819	94.9	3.2	0.8
347	8/8/2015 00:46:11	18.48	51.36	33.81	7.26	7.91	6.2	1.747	94.7	3.4	0.8
348	8/8/2015 01:01:11	18.44	51.26	33.74	7.15	7.90	6.3	1.699	93.2	3.6	0.8
349	8/8/2015 01:16:11	18.58	51.38	33.82	7.16	7.90	6.0	1.650	93.6	3.3	0.8
350	8/8/2015 01:31:11	18.85	51.48	33.90	7.23	7.91	4.8	1.644	95.1	3.7	0.9
351	8/8/2015 01:46:11	19.12	51.45	33.88	7.56	7.93	3.7	1.659	99.9	3.7	0.9
352	8/8/2015 02:01:11	19.18	51.49	33.91	7.77	7.95	3.8	1.675	102.7	3.7	0.9
353	8/8/2015 02:16:11	19.07	51.48	33.90	7.68	7.94	3.7	1.718	101.3	3.3	0.8
354	8/8/2015 02:31:11	19.22	51.34	33.79	7.95	7.96	3.7	1.771	105.1	3.5	0.8
355	8/8/2015 02:46:11	19.13	51.54	33.94	7.89	7.95	3.6	1.848	104.3	3.4	0.8
356	8/8/2015 03:01:11	19.03	51.42	33.85	7.79	7.94	4.2	1.912	102.7	3.4	0.8
357	8/8/2015 03:16:11	19.10	51.35	33.80	7.38	7.90	5.4	1.973	97.4	4.4	1.0
358	8/8/2015 03:31:11	19.23	51.50	33.91	6.91	7.87	7.4	2.060	91.5	5.0	1.2
359	8/8/2015 03:46:10	18.96	51.38	33.83	7.04	7.88	6.0	2.128	92.7	4.5	1.1
360	8/8/2015 04:01:11	18.85	51.33	33.78	7.03	7.88	5.7	2.196	92.4	3.7	0.9
361	8/8/2015 04:16:11	18.76	51.44	33.87	7.05	7.88	5.7	2.258	92.6	3.6	0.9
362	8/8/2015 04:31:11	18.72	51.36	33.81	7.11	7.88	4.7	2.335	93.2	3.8	0.9
363	8/8/2015 04:46:11	18.51	51.39	33.83	7.12	7.88	4.2	2.406	93.0	3.4	0.8
364	8/8/2015 05:01:11	18.34	51.26	33.73	7.02	7.87	4.5	2.467	91.3	2.8	0.7
365	8/8/2015 05:16:11	18.21	51.28	33.75	6.97	7.87	4.5	2.539	90.4	3.7	0.9
366	8/8/2015 05:31:11	18.12	51.33	33.78	6.91	7.86	4.5	2.603	89.5	3.4	0.8
367	8/8/2015 05:46:11	18.02	51.34	33.79	6.91	7.86	4.2	2.669	89.4	3.3	0.8
368	8/8/2015 06:01:11	17.86	51.26	33.73	6.92	7.86	5.1	2.735	89.2	2.9	0.7
369	8/8/2015 06:16:11	17.72	51.33	33.78	6.95	7.87	4.1	2.794	89.4	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	Fluorescence %FS
370	8/8/2015 06:31:11	17.64	51.22	33.70	6.99	7.87	4.2	2.851	89.7	2.7	0.6
371	8/8/2015 06:46:11	17.58	51.20	33.68	6.99	7.87	4.1	2.903	89.7	2.4	0.6
372	8/8/2015 07:01:11	17.46	51.22	33.70	7.02	7.88	3.8	2.962	89.8	2.6	0.6
373	8/8/2015 07:16:11	17.30	51.03	33.56	7.08	7.88	4.5	3.009	90.2	2.4	0.6
374	8/8/2015 07:31:11	17.29	51.14	33.64	7.00	7.88	3.7	3.044	89.2	2.4	0.6
375	8/8/2015 07:46:11	17.14	51.26	33.72	7.05	7.88	3.8	3.084	89.7	2.1	0.5
376	8/8/2015 08:01:11	17.51	51.15	33.65	6.82	7.87	5.2	3.107	87.3	2.9	0.7
377	8/8/2015 08:16:11	17.48	51.30	33.75	6.78	7.86	4.4	3.114	86.8	2.6	0.6
378	8/8/2015 08:31:11	17.41	50.99	33.53	6.80	7.87	4.1	3.102	86.9	1.8	0.4
379	8/8/2015 08:46:10	17.29	51.18	33.67	6.89	7.87	4.0	3.084	87.9	2.3	0.5
380	8/8/2015 09:01:11	17.48	51.25	33.72	6.72	7.86	4.8	3.049	86.0	2.4	0.6
381	8/8/2015 09:16:11	17.63	51.24	33.71	6.67	7.85	6.2	2.988	85.6	2.6	0.6
382	8/8/2015 09:31:12	17.65	51.23	33.71	6.67	7.84	6.9	2.935	85.6	2.6	0.6
383	8/8/2015 09:46:11	17.62	51.14	33.64	6.90	7.87	5.7	2.868	88.6	2.4	0.6
384	8/8/2015 10:01:11	17.75	51.30	33.76	6.92	7.87	5.9	2.801	89.1	2.2	0.5
385	8/8/2015 10:16:11	17.90	51.10	33.61	6.89	7.86	7.4	2.755	88.9	2.7	0.6
386	8/8/2015 10:31:11	17.99	51.36	33.81	6.79	7.86	6.5	2.678	87.8	2.4	0.6
387	8/8/2015 10:46:12	18.10	51.42	33.85	6.74	7.85	5.6	2.608	87.3	2.3	0.5
388	8/8/2015 11:01:11	18.19	51.38	33.82	6.63	7.84	4.8	2.564	86.1	2.9	0.7
389	8/8/2015 11:16:11	18.28	51.35	33.80	6.60	7.84	5.2	2.516	85.9	2.7	0.6
390	8/8/2015 11:31:11	18.38	51.28	33.75	6.50	7.83	4.5	2.456	84.7	3.0	0.7
391	8/8/2015 11:46:11	18.44	51.30	33.76	6.48	7.82	4.6	2.396	84.5	2.7	0.6
392	8/8/2015 12:01:10	18.51	51.41	33.85	6.48	7.82	4.4	2.366	84.6	2.7	0.6
393	8/8/2015 12:16:11	18.54	51.44	33.87	6.53	7.83	3.9	2.340	85.4	2.5	0.6
394	8/8/2015 12:31:11	18.56	51.42	33.85	6.52	7.82	4.2	2.303	85.2	3.1	0.7
395	8/8/2015 12:46:11	18.61	51.41	33.85	6.66	7.83	3.7	2.282	87.2	3.5	0.8
396	8/8/2015 13:01:11	18.61	51.45	33.87	6.71	7.84	4.1	2.288	87.8	3.4	0.8
397	8/8/2015 13:16:11	18.58	51.35	33.80	6.75	7.84	4.0	2.294	88.3	3.8	0.9
398	8/8/2015 13:31:11	18.60	51.40	33.84	6.81	7.85	3.9	2.309	89.1	4.2	1.0
399	8/8/2015 13:46:11	18.62	51.38	33.83	6.88	7.85	3.7	2.325	90.1	3.8	0.9
400	8/8/2015 14:01:11	18.65	51.40	33.84	6.97	7.86	4.0	2.377	91.3	3.9	0.9
401	8/8/2015 14:16:11	18.68	51.45	33.87	7.06	7.87	3.8	2.430	92.6	4.2	1.0
402	8/8/2015 14:31:11	18.61	51.34	33.80	7.00	7.86	4.4	2.471	91.6	3.9	0.9
403	8/8/2015 14:46:11	18.54	51.25	33.73	6.95	7.86	3.8	2.532	90.8	3.5	0.8
404	8/8/2015 15:01:11	18.51	51.32	33.78	6.99	7.86	3.7	2.595	91.2	3.7	0.9
405	8/8/2015 15:16:11	18.37	51.20	33.69	7.01	7.86	4.2	2.662	91.2	2.9	0.7
406	8/8/2015 15:31:11	18.29	51.18	33.67	7.06	7.87	4.2	2.717	91.7	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	Fluorescence %FS
407	8/8/2015 15:46:11	18.24	51.20	33.69	7.06	7.87	3.7	2.792	91.6	3.3	0.8
408	8/8/2015 16:01:10	18.03	51.00	33.54	7.09	7.87	4.0	2.867	91.6	2.7	0.6
409	8/8/2015 16:16:11	17.75	51.13	33.63	7.11	7.88	4.2	2.928	91.4	3.0	0.7
410	8/8/2015 16:31:11	17.66	51.23	33.71	7.13	7.88	4.3	3.007	91.6	2.5	0.6
411	8/8/2015 16:46:11	17.58	51.08	33.60	7.15	7.88	4.3	3.092	91.6	2.6	0.6
412	8/8/2015 17:01:11	17.47	50.99	33.53	7.21	7.89	4.6	3.166	92.2	3.0	0.7
413	8/8/2015 17:16:11	17.21	51.07	33.59	7.27	7.90	5.6	3.246	92.5	2.6	0.6
414	8/8/2015 17:31:12	16.99	51.10	33.60	7.30	7.91	6.7	3.331	92.5	2.5	0.6
415	8/8/2015 17:46:11	16.68	51.09	33.59	7.33	7.91	6.2	3.414	92.4	2.2	0.5
416	8/8/2015 18:01:11	16.42	51.01	33.53	7.56	7.93	6.0	3.483	94.7	2.5	0.6
417	8/8/2015 18:16:11	16.26	50.88	33.43	7.72	7.95	7.3	3.556	96.4	2.4	0.6
418	8/8/2015 18:31:12	16.03	51.01	33.53	7.87	7.96	4.3	3.628	97.8	2.4	0.6
419	8/8/2015 18:46:12	15.82	50.97	33.49	7.93	7.97	3.7	3.689	98.1	1.8	0.4
420	8/8/2015 19:01:11	15.51	50.83	33.38	8.07	7.99	3.4	3.729	99.2	1.7	0.4
421	8/8/2015 19:16:11	15.42	50.92	33.45	8.11	7.99	2.3	3.768	99.6	1.8	0.4
422	8/8/2015 19:31:11	15.36	50.90	33.43	8.16	7.99	1.6	3.799	100.1	1.9	0.4
423	8/8/2015 19:46:11	15.79	50.80	33.37	7.97	7.98	2.5	3.803	98.5	2.3	0.5
424	8/8/2015 20:01:11	15.61	50.84	33.39	7.88	7.97	2.4	3.791	97.0	1.5	0.3
425	8/8/2015 20:16:11	15.49	50.93	33.45	7.96	7.98	2.4	3.766	97.9	1.3	0.3
426	8/8/2015 20:31:11	15.93	50.80	33.37	7.77	7.96	3.6	3.718	96.3	1.5	0.4
427	8/8/2015 20:46:11	16.30	50.90	33.45	7.56	7.94	4.3	3.661	94.4	2.3	0.5
428	8/8/2015 21:01:11	16.52	50.95	33.49	7.66	7.95	5.4	3.582	96.1	2.5	0.6
429	8/8/2015 21:16:11	16.34	51.00	33.52	7.72	7.96	5.6	3.505	96.5	2.6	0.6
430	8/8/2015 21:31:12	17.25	51.16	33.65	7.52	7.93	5.8	3.417	95.8	2.5	0.6
431	8/8/2015 21:46:11	17.47	51.15	33.65	7.57	7.94	5.1	3.324	96.8	2.6	0.6
432	8/8/2015 22:01:11	17.37	51.15	33.64	7.53	7.93	6.1	3.228	96.2	3.1	0.7
433	8/8/2015 22:16:11	17.34	51.06	33.58	7.51	7.93	5.7	3.131	95.7	3.1	0.7
434	8/8/2015 22:31:11	17.48	51.14	33.64	7.49	7.93	5.2	3.037	95.9	2.9	0.7
435	8/8/2015 22:46:11	17.63	51.05	33.57	7.53	7.93	5.6	2.924	96.5	3.3	0.8
436	8/8/2015 23:01:11	18.12	51.31	33.77	7.57	7.93	5.7	2.828	98.1	3.5	0.8
437	8/8/2015 23:16:11	18.56	51.28	33.75	7.82	7.94	6.5	2.728	102.1	3.8	0.9
438	8/8/2015 23:31:11	18.76	51.17	33.67	7.77	7.93	6.3	2.606	101.8	3.9	0.9
439	8/8/2015 23:46:11	18.67	51.27	33.74	7.45	7.91	7.3	2.509	97.5	3.5	0.8
440	8/9/2015 00:01:10	18.25	51.05	33.58	7.40	7.90	7.4	2.391	96.0	3.5	0.8
441	8/9/2015 00:16:11	18.30	51.04	33.57	7.36	7.91	7.7	2.277	95.6	3.2	0.8
442	8/9/2015 00:31:11	18.30	51.11	33.62	7.45	7.91	8.5	2.170	96.8	3.1	0.7
443	8/9/2015 00:46:11	18.50	51.34	33.80	7.51	7.91	8.2	2.045	98.1	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	Fluorescence %FS
444	8/9/2015 01:01:11	18.63	51.33	33.78	7.56	7.91	8.2	1.939	98.9	3.3	0.8
445	8/9/2015 01:16:11	18.85	51.35	33.80	7.50	7.91	7.7	1.839	98.5	3.2	0.8
446	8/9/2015 01:31:11	19.03	51.40	33.84	7.48	7.92	6.7	1.743	98.6	3.4	0.8
447	8/9/2015 01:46:11	19.04	51.35	33.80	7.47	7.91	6.5	1.661	98.5	3.8	0.9
448	8/9/2015 02:01:11	19.28	51.45	33.88	7.43	7.91	5.2	1.610	98.5	3.6	0.9
449	8/9/2015 02:16:11	19.35	51.44	33.87	7.44	7.91	4.7	1.571	98.8	3.9	0.9
450	8/9/2015 02:31:10	19.67	51.50	33.91	7.57	7.92	3.9	1.546	101.0	3.6	0.8
451	8/9/2015 02:46:11	19.80	51.45	33.88	7.65	7.93	3.5	1.553	102.3	4.1	1.0
452	8/9/2015 03:01:11	19.82	51.45	33.87	7.93	7.95	3.8	1.580	106.2	4.0	0.9
453	8/9/2015 03:16:11	19.73	51.47	33.89	7.94	7.95	3.8	1.627	106.1	3.4	0.8
454	8/9/2015 03:31:10	19.93	51.45	33.87	8.25	7.97	3.9	1.671	110.6	4.1	1.0
455	8/9/2015 03:46:11	19.84	51.55	33.95	8.23	7.97	3.7	1.749	110.2	3.9	0.9
456	8/9/2015 04:01:11	19.87	51.57	33.96	7.89	7.94	4.8	1.813	105.7	3.7	0.9
457	8/9/2015 04:16:11	20.23	51.56	33.96	7.21	7.89	7.0	1.869	97.3	4.9	1.1
458	8/9/2015 04:31:11	20.22	51.57	33.96	7.21	7.89	6.8	1.954	97.2	4.9	1.2
459	8/9/2015 04:46:10	19.88	51.45	33.88	7.42	7.90	6.2	2.023	99.4	3.7	0.9
460	8/9/2015 05:01:10	19.74	51.43	33.86	7.44	7.90	5.1	2.085	99.4	4.2	1.0
461	8/9/2015 05:16:10	19.63	51.36	33.81	7.45	7.90	5.0	2.158	99.3	4.0	0.9
462	8/9/2015 05:31:10	19.46	51.47	33.89	7.50	7.91	4.5	2.238	99.8	3.6	0.8
463	8/9/2015 05:46:11	19.10	51.21	33.70	7.33	7.89	4.3	2.309	96.7	3.6	0.8
464	8/9/2015 06:01:10	18.85	51.29	33.76	7.16	7.87	4.6	2.374	94.0	3.4	0.8
465	8/9/2015 06:16:11	18.73	51.41	33.85	7.05	7.87	4.2	2.456	92.4	3.2	0.8
466	8/9/2015 06:31:11	18.66	51.36	33.81	7.01	7.86	3.9	2.528	91.7	3.4	0.8
467	8/9/2015 06:46:11	18.58	51.32	33.78	7.00	7.86	4.5	2.593	91.5	3.0	0.7
468	8/9/2015 07:01:11	18.40	51.35	33.80	6.98	7.86	4.8	2.670	91.0	3.0	0.7
469	8/9/2015 07:16:11	18.23	51.36	33.81	6.99	7.86	4.8	2.730	90.8	2.3	0.5
470	8/9/2015 07:31:11	18.10	51.17	33.67	7.00	7.87	5.1	2.796	90.7	2.9	0.7
471	8/9/2015 07:46:11	18.02	51.16	33.66	6.99	7.87	4.5	2.861	90.4	2.7	0.6
472	8/9/2015 08:01:11	17.90	51.22	33.70	7.00	7.87	5.3	2.923	90.4	2.7	0.6
473	8/9/2015 08:16:11	17.74	51.24	33.71	7.02	7.87	4.4	2.975	90.3	2.4	0.6
474	8/9/2015 08:31:11	17.55	51.05	33.57	7.04	7.87	4.6	3.029	90.2	2.2	0.5
475	8/9/2015 08:46:11	17.32	51.14	33.64	7.10	7.88	4.2	3.078	90.6	2.0	0.5
476	8/9/2015 09:01:11	17.19	51.18	33.67	7.11	7.88	4.0	3.106	90.5	2.4	0.6
477	8/9/2015 09:16:11	17.36	51.30	33.76	7.02	7.88	3.7	3.132	89.7	2.1	0.5
478	8/9/2015 09:31:11	17.56	51.20	33.68	6.93	7.87	3.8	3.147	88.9	2.1	0.5
479	8/9/2015 09:46:12	17.24	51.08	33.59	6.86	7.87	3.7	3.135	87.4	1.8	0.4
480	8/9/2015 10:01:11	17.36	51.07	33.59	6.91	7.87	3.0	3.116	88.2	1.8	0.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
481	8/9/2015 10:16:11	17.34	51.06	33.58	6.93	7.88	3.2	3.089	88.4	1.5	0.4
482	8/9/2015 10:31:11	17.72	51.15	33.65	6.93	7.87	4.8	3.032	89.1	2.3	0.5
483	8/9/2015 10:46:11	17.98	51.26	33.73	6.94	7.87	5.2	2.983	89.7	2.6	0.6
484	8/9/2015 11:01:11	18.01	51.30	33.76	7.08	7.88	4.9	2.924	91.6	2.9	0.7
485	8/9/2015 11:16:11	18.06	51.08	33.60	7.09	7.88	4.8	2.863	91.7	2.6	0.6
486	8/9/2015 11:31:10	18.26	51.28	33.75	7.09	7.87	4.9	2.794	92.1	2.4	0.6
487	8/9/2015 11:46:12	18.42	51.29	33.76	7.06	7.87	4.6	2.724	92.0	2.7	0.6
488	8/9/2015 12:01:12	18.57	51.33	33.79	6.96	7.87	4.4	2.679	91.0	2.5	0.6
489	8/9/2015 12:16:12	18.65	51.32	33.78	6.96	7.87	3.8	2.616	91.1	2.7	0.6
490	8/9/2015 12:31:12	18.89	51.40	33.84	6.93	7.86	4.0	2.555	91.2	2.6	0.6
491	8/9/2015 12:46:11	19.08	51.40	33.84	7.02	7.87	5.9	2.509	92.7	3.3	0.8
492	8/9/2015 13:01:11	19.21	51.32	33.78	7.04	7.86	3.7	2.471	93.1	2.8	0.7
493	8/9/2015 13:16:11	19.29	51.48	33.89	7.12	7.87	3.9	2.431	94.4	3.0	0.7
494	8/9/2015 13:31:11	19.37	51.55	33.95	7.18	7.87	3.7	2.387	95.3	2.6	0.6
495	8/9/2015 13:46:11	19.45	51.42	33.85	7.26	7.88	3.9	2.371	96.4	2.8	0.7
496	8/9/2015 14:01:11	19.61	51.40	33.84	7.46	7.89	3.5	2.362	99.5	3.6	0.8
497	8/9/2015 14:16:10	19.73	51.34	33.80	7.45	7.90	3.2	2.352	99.5	2.9	0.7
498	8/9/2015 14:31:10	19.58	51.30	33.76	7.52	7.89	4.1	2.354	100.1	4.1	1.0
499	8/9/2015 14:46:11	19.50	51.40	33.84	7.46	7.89	3.7	2.376	99.2	4.2	1.0
500	8/9/2015 15:01:11	19.68	51.40	33.84	7.54	7.90	4.3	2.407	100.6	4.2	1.0
501	8/9/2015 15:16:11	19.64	51.42	33.85	7.61	7.90	3.7	2.439	101.5	3.8	0.9
502	8/9/2015 15:31:11	19.53	51.41	33.84	7.60	7.90	4.0	2.488	101.2	3.9	0.9
503	8/9/2015 15:46:11	19.36	51.45	33.88	7.47	7.89	3.9	2.540	99.1	3.6	0.8
504	8/9/2015 16:01:11	19.46	51.32	33.78	7.48	7.89	4.8	2.610	99.5	3.6	0.8
505	8/9/2015 16:16:11	19.19	51.22	33.71	7.42	7.89	4.6	2.668	98.0	3.5	0.8
506	8/9/2015 16:31:11	19.02	51.35	33.80	7.37	7.88	4.2	2.725	97.2	3.7	0.9
507	8/9/2015 16:46:11	18.88	51.31	33.77	7.36	7.88	4.0	2.804	96.7	4.0	1.0
508	8/9/2015 17:01:11	18.69	51.31	33.77	7.33	7.88	4.0	2.872	96.0	3.5	0.8
509	8/9/2015 17:16:11	18.22	51.17	33.66	7.29	7.88	4.1	2.937	94.6	2.8	0.7
510	8/9/2015 17:31:11	18.02	51.24	33.71	7.26	7.88	4.3	3.011	93.9	3.2	0.8
511	8/9/2015 17:46:11	17.89	51.26	33.73	7.24	7.89	3.8	3.089	93.3	2.8	0.7
512	8/9/2015 18:01:11	17.78	51.08	33.59	7.22	7.89	3.8	3.169	92.9	2.8	0.7
513	8/9/2015 18:16:11	17.46	51.21	33.69	7.28	7.90	4.5	3.238	93.1	2.6	0.6
514	8/9/2015 18:31:11	17.01	51.02	33.54	7.35	7.90	5.0	3.320	93.1	2.7	0.6
515	8/9/2015 18:46:11	16.70	50.99	33.52	7.44	7.91	5.4	3.398	93.7	2.2	0.5
516	8/9/2015 19:01:11	16.44	50.92	33.46	7.60	7.93	5.0	3.473	95.2	2.0	0.5
517	8/9/2015 19:16:11	16.20	51.09	33.58	7.67	7.93	4.5	3.539	95.7	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	Fluorescence %FS
518	8/9/2015 19:31:11	15.94	50.88	33.42	7.73	7.94	4.5	3.609	95.9	2.0	0.5
519	8/9/2015 19:46:12	15.70	50.97	33.49	7.73	7.94	3.1	3.663	95.5	1.9	0.4
520	8/9/2015 20:01:11	15.56	50.94	33.47	7.74	7.94	2.4	3.713	95.3	1.3	0.3
521	8/9/2015 20:16:11	15.42	50.94	33.46	7.77	7.95	2.5	3.763	95.4	1.8	0.4
522	8/9/2015 20:31:11	15.30	50.95	33.46	7.81	7.95	2.2	3.782	95.6	1.9	0.4
523	8/9/2015 20:46:11	15.34	50.96	33.47	7.70	7.95	2.0	3.794	94.4	1.6	0.4
524	8/9/2015 21:01:11	15.32	51.05	33.54	7.61	7.94	1.8	3.797	93.3	1.8	0.4
525	8/9/2015 21:16:11	15.30	51.00	33.50	7.60	7.94	2.0	3.787	93.1	1.3	0.3
526	8/9/2015 21:31:11	15.42	50.97	33.48	7.60	7.94	2.1	3.735	93.3	1.5	0.4
527	8/9/2015 21:46:11	15.86	51.02	33.53	7.50	7.93	4.8	3.675	92.9	2.0	0.5
528	8/9/2015 22:01:11	16.13	51.01	33.53	7.41	7.92	5.4	3.623	92.3	2.2	0.5
529	8/9/2015 22:16:11	16.45	50.96	33.50	7.46	7.93	4.9	3.538	93.5	2.5	0.6
530	8/9/2015 22:31:11	17.29	51.08	33.60	7.58	7.94	5.4	3.435	96.6	2.6	0.6
531	8/9/2015 22:46:11	17.66	51.10	33.61	7.56	7.94	7.2	3.338	97.0	2.8	0.6
532	8/9/2015 23:01:11	17.56	51.12	33.62	7.56	7.93	6.2	3.244	96.8	3.4	0.8
533	8/9/2015 23:16:11	17.53	51.11	33.62	7.52	7.93	6.5	3.149	96.3	2.7	0.6
534	8/9/2015 23:31:11	17.78	51.16	33.66	7.49	7.92	5.0	3.018	96.4	2.9	0.7
535	8/9/2015 23:46:11	18.06	51.25	33.72	7.42	7.91	5.7	2.921	96.1	3.8	0.9
536	8/10/2015 00:01:11	18.57	51.30	33.77	7.42	7.91	6.8	2.818	97.0	4.0	0.9
537	8/10/2015 00:16:11	18.75	51.23	33.71	7.41	7.91	6.7	2.713	97.2	3.7	0.9
538	8/10/2015 00:31:10	19.05	51.31	33.77	7.29	7.90	7.2	2.580	96.2	4.0	0.9
539	8/10/2015 00:46:11	18.80	51.35	33.80	7.28	7.90	8.0	2.460	95.5	3.6	0.8
540	8/10/2015 01:01:11	18.39	51.24	33.72	7.35	7.90	8.4	2.362	95.7	3.5	0.8
541	8/10/2015 01:16:11	18.77	51.18	33.67	7.44	7.91	8.0	2.232	97.5	3.9	0.9
542	8/10/2015 01:31:11	18.81	51.18	33.68	7.58	7.91	8.5	2.106	99.5	2.9	0.7
543	8/10/2015 01:46:11	19.19	51.35	33.80	7.66	7.93	8.1	1.985	101.3	3.5	0.8
544	8/10/2015 02:01:11	19.60	51.50	33.91	7.78	7.94	6.8	1.879	103.8	3.2	0.7
545	8/10/2015 02:16:11	19.53	51.45	33.87	7.60	7.92	6.9	1.767	101.1	3.7	0.9
546	8/10/2015 02:31:10	19.81	51.39	33.83	7.60	7.92	6.0	1.666	101.7	3.9	0.9
547	8/10/2015 02:46:10	20.09	51.39	33.83	7.64	7.93	5.2	1.595	102.7	4.0	0.9
548	8/10/2015 03:01:11	20.12	51.46	33.88	7.52	7.92	4.9	1.526	101.2	3.7	0.9
549	8/10/2015 03:16:11	20.30	51.57	33.96	7.54	7.92	5.3	1.487	101.9	3.2	0.8
550	8/10/2015 03:31:10	20.54	51.38	33.82	7.65	7.93	3.8	1.460	103.7	4.0	0.9
551	8/10/2015 03:46:10	20.65	51.50	33.91	7.67	7.93	3.4	1.489	104.3	4.4	1.0
552	8/10/2015 04:01:10	20.65	51.53	33.93	7.96	7.95	3.6	1.506	108.3	3.7	0.9
553	8/10/2015 04:16:11	20.57	51.54	33.94	8.05	7.95	3.6	1.538	109.3	3.8	0.9
554	8/10/2015 04:31:11	20.75	51.59	33.97	8.36	7.98	4.0	1.610	113.9	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	Fluorescence %FS
555	8/10/2015 04:46:11	20.66	51.55	33.94	8.38	7.98	3.8	1.674	114.0	3.3	0.8
556	8/10/2015 05:01:11	20.68	51.53	33.93	8.15	7.96	4.8	1.742	110.9	3.5	0.8
557	8/10/2015 05:16:11	21.25	51.58	33.96	7.41	7.92	6.6	1.809	101.8	4.8	1.1
558	8/10/2015 05:31:11	21.05	51.63	34.00	7.51	7.92	5.9	1.889	102.9	3.8	0.9
559	8/10/2015 05:46:10	20.63	51.51	33.92	7.72	7.93	5.2	1.972	104.9	4.5	1.1
560	8/10/2015 06:01:10	20.47	51.52	33.93	7.71	7.93	4.8	2.032	104.5	4.1	1.0
561	8/10/2015 06:16:10	20.37	51.59	33.97	7.69	7.92	4.4	2.111	104.0	3.4	0.8
562	8/10/2015 06:31:10	20.17	51.43	33.86	7.68	7.92	4.5	2.199	103.4	3.0	0.7
563	8/10/2015 06:46:11	19.76	51.37	33.82	7.45	7.90	4.5	2.284	99.6	3.7	0.9
564	8/10/2015 07:01:11	19.48	51.29	33.76	7.24	7.88	4.8	2.353	96.2	3.0	0.7
565	8/10/2015 07:16:11	19.31	51.38	33.82	7.10	7.86	4.5	2.433	94.1	2.9	0.7
566	8/10/2015 07:31:11	19.23	51.43	33.86	7.07	7.86	4.6	2.530	93.6	2.8	0.7
567	8/10/2015 07:46:11	19.06	51.40	33.84	7.09	7.86	4.9	2.604	93.5	3.2	0.8
568	8/10/2015 08:01:11	18.88	51.32	33.78	7.06	7.86	5.2	2.667	92.9	3.6	0.9
569	8/10/2015 08:16:10	18.71	51.23	33.71	7.06	7.86	4.9	2.751	92.5	2.7	0.6
570	8/10/2015 08:31:11	18.58	51.28	33.75	7.04	7.86	5.4	2.830	92.0	2.6	0.6
571	8/10/2015 08:46:11	18.42	51.34	33.79	7.01	7.86	5.4	2.890	91.4	2.5	0.6
572	8/10/2015 09:01:11	18.11	51.28	33.74	7.00	7.86	5.1	2.954	90.7	2.7	0.6
573	8/10/2015 09:16:11	17.83	51.30	33.76	7.02	7.87	4.8	3.015	90.4	2.6	0.6
574	8/10/2015 09:31:12	17.59	51.24	33.71	7.02	7.87	4.4	3.080	90.1	2.4	0.6
575	8/10/2015 09:46:12	17.29	51.10	33.61	7.06	7.87	4.5	3.128	90.0	2.3	0.5
576	8/10/2015 10:01:12	17.02	51.18	33.67	7.10	7.88	4.0	3.171	90.0	2.1	0.5
577	8/10/2015 10:16:11	16.86	51.06	33.57	7.10	7.88	3.1	3.207	89.7	2.6	0.6
578	8/10/2015 10:31:11	16.82	51.12	33.62	7.09	7.88	2.3	3.222	89.5	2.1	0.5
579	8/10/2015 10:46:11	16.95	51.22	33.69	7.01	7.88	2.7	3.232	88.8	2.2	0.5
580	8/10/2015 11:01:11	16.87	51.17	33.66	6.99	7.88	3.3	3.205	88.3	2.4	0.6
581	8/10/2015 11:16:11	16.99	51.11	33.61	6.95	7.88	3.1	3.182	88.1	2.0	0.5
582	8/10/2015 11:31:11	17.22	51.11	33.62	6.97	7.88	3.4	3.130	88.7	1.8	0.4
583	8/10/2015 11:46:11	17.76	51.21	33.69	6.99	7.88	4.3	3.067	89.9	2.4	0.6
584	8/10/2015 12:01:10	18.32	51.12	33.63	7.15	7.89	4.9	3.011	93.0	2.9	0.7
585	8/10/2015 12:16:10	18.46	51.16	33.66	7.23	7.89	5.1	2.935	94.2	3.0	0.7
586	8/10/2015 12:31:11	18.79	51.23	33.71	7.25	7.89	5.4	2.863	95.1	2.5	0.6
587	8/10/2015 12:46:11	19.02	51.24	33.72	7.28	7.89	4.7	2.792	95.9	2.6	0.6
588	8/10/2015 13:01:10	19.25	51.13	33.64	7.31	7.89	4.3	2.727	96.7	3.0	0.7
589	8/10/2015 13:16:11	19.28	51.45	33.88	7.24	7.89	4.1	2.669	96.0	2.8	0.7
590	8/10/2015 13:31:11	19.52	51.42	33.85	7.31	7.89	4.3	2.604	97.3	2.8	0.6
591	8/10/2015 13:46:11	19.76	51.43	33.86	7.40	7.89	4.5	2.558	98.9	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	Fluorescence %FS
592	8/10/2015 14:01:11	19.91	51.46	33.88	7.49	7.90	4.0	2.492	100.4	3.2	0.8
593	8/10/2015 14:16:11	20.08	51.52	33.93	7.62	7.91	3.7	2.449	102.5	2.5	0.6
594	8/10/2015 14:31:10	20.18	51.55	33.95	7.67	7.91	4.1	2.408	103.4	2.9	0.7
595	8/10/2015 14:46:10	20.24	51.36	33.81	7.72	7.91	3.7	2.370	104.0	3.0	0.7
596	8/10/2015 15:01:11	20.31	51.37	33.82	7.75	7.91	3.3	2.357	104.6	3.1	0.7
597	8/10/2015 15:16:11	20.53	51.32	33.77	7.87	7.92	3.3	2.327	106.7	3.4	0.8
598	8/10/2015 15:31:11	20.29	51.47	33.89	7.91	7.92	4.3	2.342	106.8	3.4	0.8
599	8/10/2015 15:46:11	20.32	51.54	33.94	7.91	7.92	3.7	2.352	106.8	3.7	0.9
600	8/10/2015 16:01:11	20.28	51.48	33.90	7.88	7.92	4.0	2.361	106.3	3.7	0.9
601	8/10/2015 16:16:11	20.28	51.43	33.86	7.93	7.93	3.5	2.406	107.0	4.2	1.0
602	8/10/2015 16:31:11	20.32	51.39	33.83	7.99	7.93	4.2	2.452	107.9	4.3	1.0
603	8/10/2015 16:46:11	20.11	51.44	33.87	7.84	7.92	4.5	2.510	105.5	4.0	0.9
604	8/10/2015 17:01:11	20.23	51.49	33.90	7.81	7.91	5.4	2.568	105.4	4.9	1.1
605	8/10/2015 17:16:11	19.90	51.32	33.78	7.77	7.91	4.6	2.631	104.2	3.8	0.9
606	8/10/2015 17:31:11	19.68	51.30	33.77	7.68	7.90	4.5	2.708	102.5	4.1	1.0
607	8/10/2015 17:46:11	19.41	51.39	33.83	7.54	7.89	4.1	2.776	100.1	3.9	0.9
608	8/10/2015 18:01:11	19.10	51.21	33.70	7.46	7.89	4.6	2.843	98.4	3.8	0.9
609	8/10/2015 18:16:11	18.72	51.29	33.75	7.36	7.88	4.2	2.917	96.4	3.7	0.9
610	8/10/2015 18:31:11	18.33	51.24	33.72	7.27	7.88	4.0	2.994	94.5	3.2	0.8
611	8/10/2015 18:46:11	18.18	51.04	33.57	7.26	7.88	4.3	3.074	94.1	3.4	0.8
612	8/10/2015 19:01:11	17.82	51.27	33.74	7.24	7.88	4.6	3.144	93.3	2.9	0.7
613	8/10/2015 19:16:11	17.32	51.10	33.61	7.23	7.88	5.4	3.232	92.2	2.8	0.7
614	8/10/2015 19:31:11	16.85	50.97	33.51	7.28	7.89	4.3	3.316	92.0	2.3	0.5
615	8/10/2015 19:46:11	16.60	51.12	33.62	7.31	7.90	5.1	3.393	91.9	2.5	0.6
616	8/10/2015 20:01:12	16.26	51.01	33.53	7.43	7.91	4.8	3.465	92.8	2.0	0.5
617	8/10/2015 20:16:12	15.92	51.01	33.52	7.51	7.92	4.9	3.551	93.1	2.3	0.5
618	8/10/2015 20:31:11	15.69	51.01	33.52	7.58	7.92	3.4	3.617	93.6	2.3	0.5
619	8/10/2015 20:46:11	15.42	51.04	33.53	7.65	7.93	3.7	3.667	94.0	2.6	0.6
620	8/10/2015 21:01:11	15.26	51.00	33.50	7.68	7.93	2.6	3.736	94.0	2.3	0.5
621	8/10/2015 21:16:11	15.14	51.00	33.50	7.68	7.93	2.6	3.768	93.8	2.3	0.5
622	8/10/2015 21:31:11	15.07	50.98	33.48	7.69	7.93	2.2	3.794	93.7	2.4	0.6
623	8/10/2015 21:46:11	15.04	50.99	33.49	7.58	7.93	1.6	3.813	92.3	2.1	0.5
624	8/10/2015 22:01:11	15.11	51.01	33.51	7.52	7.92	2.0	3.808	91.8	1.7	0.4
625	8/10/2015 22:16:11	15.07	51.02	33.51	7.54	7.93	2.7	3.776	91.9	1.5	0.3
626	8/10/2015 22:31:11	15.34	51.03	33.52	7.45	7.92	2.4	3.727	91.4	2.0	0.5
627	8/10/2015 22:46:11	15.87	51.12	33.60	7.35	7.91	4.3	3.669	91.1	1.7	0.4
628	8/10/2015 23:01:11	16.00	51.22	33.68	7.34	7.91	4.6	3.593	91.3	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	Fluorescence %FS
629	8/10/2015 23:16:11	16.51	51.16	33.65	7.42	7.92	5.2	3.495	93.2	2.9	0.7
630	8/10/2015 23:31:11	17.30	51.08	33.59	7.30	7.91	5.5	3.398	93.1	2.7	0.6
631	8/10/2015 23:46:11	17.63	51.26	33.73	7.45	7.93	7.4	3.294	95.7	3.4	0.8
632	8/11/2015 00:01:11	17.54	51.20	33.68	7.38	7.92	6.0	3.199	94.5	2.8	0.7
633	8/11/2015 00:16:11	17.65	51.19	33.68	7.32	7.91	5.8	3.077	94.0	3.3	0.8
634	8/11/2015 00:31:11	17.95	51.25	33.72	7.25	7.90	5.7	2.973	93.6	3.2	0.8
635	8/11/2015 00:46:11	18.41	51.29	33.76	7.25	7.90	6.8	2.864	94.5	3.4	0.8
636	8/11/2015 01:01:11	18.81	51.35	33.80	7.19	7.90	8.0	2.734	94.5	3.7	0.9
637	8/11/2015 01:16:10	19.00	51.36	33.81	7.12	7.89	7.3	2.632	93.8	3.7	0.9
638	8/11/2015 01:31:11	18.56	51.35	33.80	7.07	7.88	8.0	2.500	92.5	3.7	0.9
639	8/11/2015 01:46:12	18.31	51.25	33.72	6.95	7.87	8.2	2.367	90.3	3.3	0.8
640	8/11/2015 02:01:11	19.34	51.43	33.86	7.22	7.90	7.8	2.253	95.7	3.3	0.8
641	8/11/2015 02:16:12	19.10	51.48	33.90	7.23	7.90	7.7	2.120	95.6	3.6	0.8
642	8/11/2015 02:31:11	19.46	51.39	33.83	7.29	7.91	8.1	1.997	96.9	3.6	0.8
643	8/11/2015 02:46:11	19.65	51.52	33.92	7.26	7.90	7.3	1.874	97.0	3.7	0.9
644	8/11/2015 03:01:11	19.50	51.46	33.89	7.10	7.89	7.1	1.769	94.4	3.6	0.8
645	8/11/2015 03:16:10	19.83	51.44	33.87	7.05	7.88	6.3	1.648	94.3	3.8	0.9
646	8/11/2015 03:31:10	20.17	51.50	33.91	7.11	7.89	5.7	1.553	95.8	3.3	0.8
647	8/11/2015 03:46:10	20.07	51.56	33.96	7.04	7.88	5.1	1.478	94.7	3.5	0.8
648	8/11/2015 04:01:10	20.26	51.55	33.95	7.03	7.88	5.4	1.411	94.8	4.0	0.9
649	8/11/2015 04:16:10	20.49	51.47	33.88	7.05	7.88	5.6	1.396	95.6	3.5	0.8
650	8/11/2015 04:31:10	20.70	51.52	33.92	7.08	7.89	4.1	1.379	96.3	3.6	0.8
651	8/11/2015 04:46:10	21.01	51.58	33.97	7.33	7.91	4.5	1.400	100.3	3.6	0.8
652	8/11/2015 05:01:10	20.83	51.70	34.05	7.39	7.91	4.1	1.450	100.9	3.4	0.8
653	8/11/2015 05:16:11	20.79	51.62	33.99	7.45	7.92	4.7	1.503	101.6	3.3	0.8
654	8/11/2015 05:31:11	20.90	51.73	34.07	7.64	7.94	3.8	1.568	104.4	4.1	1.0
655	8/11/2015 05:46:11	20.82	51.66	34.03	7.65	7.94	3.7	1.647	104.5	3.8	0.9
656	8/11/2015 06:01:11	20.97	51.65	34.01	7.28	7.91	6.0	1.726	99.6	4.0	0.9
657	8/11/2015 06:16:11	21.05	51.60	33.98	7.11	7.90	6.5	1.792	97.4	4.0	0.9
658	8/11/2015 06:31:10	20.98	51.65	34.01	7.12	7.90	6.3	1.888	97.5	4.0	0.9
659	8/11/2015 06:46:10	20.77	51.62	34.00	7.18	7.90	5.7	1.957	97.8	3.6	0.8
660	8/11/2015 07:01:10	20.59	51.61	33.99	7.22	7.89	5.3	2.047	98.0	2.9	0.7
661	8/11/2015 07:16:11	20.45	51.58	33.97	7.24	7.90	5.2	2.122	98.1	2.7	0.6
662	8/11/2015 07:31:11	20.16	51.61	33.99	7.21	7.89	4.9	2.216	97.2	2.9	0.7
663	8/11/2015 07:46:10	19.82	51.50	33.91	7.05	7.87	5.2	2.313	94.3	2.8	0.7
664	8/11/2015 08:01:11	19.64	51.52	33.93	6.96	7.86	5.3	2.382	92.9	2.6	0.6
665	8/11/2015 08:16:10	19.43	51.21	33.70	6.89	7.85	5.6	2.479	91.5	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	Fluorescence %FS
666	8/11/2015 08:31:11	19.19	51.47	33.89	6.86	7.85	5.4	2.567	90.8	2.8	0.7
667	8/11/2015 08:46:11	18.98	51.47	33.89	6.87	7.85	6.4	2.655	90.5	2.8	0.7
668	8/11/2015 09:01:11	18.84	51.35	33.80	6.90	7.85	6.4	2.727	90.7	2.9	0.7
669	8/11/2015 09:16:11	18.75	51.36	33.81	6.88	7.85	6.6	2.810	90.2	2.5	0.6
670	8/11/2015 09:31:11	18.53	51.31	33.77	6.87	7.85	6.8	2.890	89.7	2.5	0.6
671	8/11/2015 09:46:11	18.16	51.21	33.70	6.90	7.85	8.1	2.953	89.5	2.8	0.7
672	8/11/2015 10:01:11	17.81	51.22	33.70	6.92	7.85	6.3	3.036	89.1	2.5	0.6
673	8/11/2015 10:16:10	17.45	51.08	33.59	6.95	7.86	5.7	3.093	88.8	2.3	0.5
674	8/11/2015 10:31:11	16.97	51.10	33.60	7.02	7.87	4.9	3.160	88.9	2.5	0.6
675	8/11/2015 10:46:11	16.66	50.99	33.52	7.08	7.87	4.3	3.213	89.1	2.6	0.6
676	8/11/2015 11:01:11	16.56	51.18	33.66	7.11	7.88	3.3	3.249	89.3	2.0	0.5
677	8/11/2015 11:16:11	16.47	51.15	33.63	7.10	7.88	3.0	3.286	89.1	1.9	0.4
678	8/11/2015 11:31:11	16.32	51.13	33.62	7.05	7.88	2.9	3.294	88.2	2.4	0.6
679	8/11/2015 11:46:11	16.43	51.08	33.58	7.01	7.88	2.6	3.303	87.9	1.9	0.4
680	8/11/2015 12:01:11	16.50	51.15	33.63	6.98	7.88	3.2	3.262	87.7	1.8	0.4
681	8/11/2015 12:16:11	16.65	51.20	33.67	6.92	7.87	3.7	3.220	87.1	2.1	0.5
682	8/11/2015 12:31:11	16.92	51.11	33.61	6.94	7.87	4.2	3.159	87.9	2.0	0.5
683	8/11/2015 12:46:11	18.10	51.30	33.76	7.20	7.89	6.7	3.105	93.2	2.4	0.6
684	8/11/2015 13:01:11	17.98	51.23	33.71	7.30	7.89	6.3	3.028	94.3	2.6	0.6
685	8/11/2015 13:16:11	18.27	51.29	33.76	7.25	7.89	5.6	2.941	94.2	2.2	0.5
686	8/11/2015 13:31:11	18.67	51.26	33.73	7.25	7.89	7.5	2.874	95.0	2.6	0.6
687	8/11/2015 13:46:10	18.92	51.33	33.79	7.41	7.90	6.8	2.793	97.5	2.4	0.6
688	8/11/2015 14:01:10	19.33	51.21	33.70	7.28	7.89	5.8	2.722	96.5	2.8	0.7
689	8/11/2015 14:16:10	19.45	51.25	33.73	7.43	7.90	5.6	2.664	98.7	3.1	0.7
690	8/11/2015 14:31:10	19.84	51.42	33.85	7.46	7.90	5.7	2.584	99.9	3.2	0.8
691	8/11/2015 14:46:10	19.94	51.51	33.92	7.53	7.90	6.1	2.527	101.1	3.1	0.7
692	8/11/2015 15:01:10	20.03	51.49	33.90	7.75	7.92	4.8	2.471	104.2	3.1	0.7
693	8/11/2015 15:16:11	19.96	51.32	33.78	8.03	7.93	5.7	2.420	107.7	3.1	0.7
694	8/11/2015 15:31:10	20.06	51.49	33.91	8.09	7.94	4.7	2.364	108.8	3.3	0.8
695	8/11/2015 15:46:11	20.22	51.42	33.85	8.01	7.93	4.8	2.336	108.1	3.3	0.8
696	8/11/2015 16:01:11	20.25	51.49	33.90	8.05	7.94	4.0	2.322	108.7	3.4	0.8
697	8/11/2015 16:16:11	20.06	51.39	33.83	8.28	7.95	4.9	2.301	111.3	3.2	0.8
698	8/11/2015 16:31:11	20.34	51.35	33.80	8.12	7.94	4.2	2.295	109.6	3.9	0.9
699	8/11/2015 16:46:11	20.44	51.31	33.77	8.06	7.94	4.0	2.304	109.0	3.9	0.9
700	8/11/2015 17:01:11	20.43	51.56	33.96	7.96	7.93	3.9	2.361	107.8	4.2	1.0
701	8/11/2015 17:16:10	20.57	51.45	33.87	8.00	7.94	3.7	2.389	108.6	4.3	1.0
702	8/11/2015 17:31:10	20.56	51.49	33.90	7.98	7.94	4.8	2.431	108.3	4.4	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	Fluorescence %FS
703	8/11/2015 17:46:10	20.41	51.44	33.86	7.91	7.93	4.5	2.510	107.0	4.6	1.1
704	8/11/2015 18:01:11	20.56	51.59	33.97	7.84	7.92	7.0	2.576	106.4	4.9	1.1
705	8/11/2015 18:16:11	20.16	51.54	33.94	7.78	7.91	5.7	2.645	104.8	4.5	1.1
706	8/11/2015 18:31:11	19.94	51.42	33.85	7.70	7.91	5.5	2.704	103.3	3.7	0.9
707	8/11/2015 18:46:11	19.61	51.31	33.77	7.57	7.90	5.4	2.796	100.9	3.5	0.8
708	8/11/2015 19:01:11	18.92	51.34	33.80	7.38	7.88	5.2	2.860	97.1	3.3	0.8
709	8/11/2015 19:16:12	18.48	51.38	33.82	7.25	7.87	4.8	2.930	94.7	3.2	0.8
710	8/11/2015 19:31:11	18.29	51.23	33.71	7.27	7.88	4.6	3.020	94.4	3.2	0.8
711	8/11/2015 19:46:11	18.17	51.26	33.73	7.23	7.88	5.5	3.093	93.8	3.2	0.7
712	8/11/2015 20:01:11	17.66	51.28	33.74	7.30	7.88	6.3	3.183	93.8	2.8	0.7
713	8/11/2015 20:16:11	17.17	51.21	33.69	7.39	7.89	6.5	3.262	94.0	3.0	0.7
714	8/11/2015 20:31:11	16.78	51.11	33.61	7.43	7.89	6.3	3.350	93.8	3.0	0.7
715	8/11/2015 20:46:11	16.31	51.06	33.56	7.56	7.90	6.0	3.435	94.5	2.7	0.6
716	8/11/2015 21:01:11	16.00	51.11	33.60	7.57	7.91	5.1	3.513	94.1	2.6	0.6
717	8/11/2015 21:16:11	15.66	50.96	33.48	7.63	7.91	4.7	3.596	94.1	2.5	0.6
718	8/11/2015 21:31:11	15.52	51.12	33.60	7.62	7.91	3.5	3.657	93.8	2.7	0.6
719	8/11/2015 21:46:11	15.27	51.00	33.50	7.74	7.92	3.5	3.726	94.8	2.3	0.5
720	8/11/2015 22:01:11	15.13	50.96	33.47	7.82	7.93	2.2	3.776	95.4	2.6	0.6
721	8/11/2015 22:16:11	15.05	50.95	33.46	7.91	7.93	2.0	3.807	96.4	2.9	0.7
722	8/11/2015 22:31:11	15.05	50.97	33.47	7.87	7.93	1.5	3.827	96.0	2.3	0.5
723	8/11/2015 22:46:11	15.42	51.01	33.51	7.62	7.92	3.1	3.833	93.5	2.4	0.6
724	8/11/2015 23:01:11	15.13	51.05	33.54	7.70	7.92	3.8	3.818	94.0	1.2	0.3
725	8/11/2015 23:16:11	15.25	51.04	33.53	7.65	7.92	2.5	3.772	93.7	2.0	0.5
726	8/11/2015 23:31:11	15.72	51.00	33.51	7.45	7.91	3.5	3.714	92.1	2.2	0.5
727	8/11/2015 23:46:11	15.87	51.10	33.59	7.41	7.90	4.8	3.636	91.8	2.6	0.6
728	8/12/2015 00:01:11	15.79	51.20	33.66	7.49	7.91	5.9	3.545	92.8	2.4	0.6
729	8/12/2015 00:16:11	16.89	51.14	33.63	7.45	7.91	5.9	3.458	94.2	2.6	0.6
730	8/12/2015 00:31:11	17.42	51.24	33.71	7.50	7.92	7.1	3.338	95.9	2.9	0.7
731	8/12/2015 00:46:11	17.34	51.14	33.64	7.45	7.91	7.5	3.226	95.0	2.8	0.7
732	8/12/2015 01:01:10	17.57	51.18	33.67	7.33	7.90	6.0	3.116	94.0	2.8	0.7
733	8/12/2015 01:16:11	17.91	51.24	33.72	7.23	7.90	5.7	2.995	93.3	3.5	0.8
734	8/12/2015 01:31:11	18.37	51.28	33.75	7.18	7.89	6.3	2.885	93.5	3.5	0.8
735	8/12/2015 01:46:11	18.66	51.28	33.75	7.09	7.89	7.7	2.747	92.8	3.2	0.8
736	8/12/2015 02:01:11	18.59	51.34	33.79	6.97	7.87	9.3	2.640	91.2	3.3	0.8
737	8/12/2015 02:16:11	18.87	51.34	33.79	6.97	7.88	7.9	2.512	91.7	3.4	0.8
738	8/12/2015 02:31:11	18.43	51.23	33.71	7.01	7.88	7.5	2.382	91.4	3.3	0.8
739	8/12/2015 02:46:11	18.50	51.25	33.73	7.07	7.88	9.5	2.251	92.2	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	Fluorescence %FS
740	8/12/2015 03:01:11	18.84	51.39	33.83	7.08	7.89	9.3	2.119	93.0	3.2	0.8
741	8/12/2015 03:16:10	19.17	51.36	33.81	7.04	7.89	7.7	1.996	93.1	3.7	0.9
742	8/12/2015 03:31:10	18.99	51.32	33.78	7.02	7.88	8.0	1.864	92.5	3.1	0.7
743	8/12/2015 03:46:11	19.46	51.30	33.77	6.98	7.88	7.4	1.733	92.8	3.3	0.8
744	8/12/2015 04:01:10	19.64	51.48	33.90	6.90	7.87	7.0	1.624	92.1	3.1	0.7
745	8/12/2015 04:16:11	20.03	51.60	33.99	6.92	7.88	6.0	1.516	93.0	3.4	0.8
746	8/12/2015 04:31:10	20.09	51.46	33.88	6.84	7.87	5.3	1.446	92.0	3.5	0.8
747	8/12/2015 04:46:11	20.04	51.58	33.97	6.74	7.86	5.7	1.386	90.6	3.0	0.7
748	8/12/2015 05:01:11	20.09	51.59	33.98	6.69	7.85	5.6	1.323	90.1	3.3	0.8
749	8/12/2015 05:16:11	20.22	51.69	34.05	6.75	7.86	4.6	1.336	91.1	3.5	0.8
750	8/12/2015 05:31:11	20.24	51.52	33.92	6.80	7.86	4.5	1.368	91.7	3.7	0.9
751	8/12/2015 05:46:10	20.36	51.68	34.04	6.90	7.87	4.0	1.403	93.4	3.6	0.8
752	8/12/2015 06:01:11	20.51	51.61	33.99	7.08	7.89	4.2	1.446	96.0	3.2	0.8
753	8/12/2015 06:16:11	20.57	51.79	34.12	7.20	7.90	4.5	1.556	97.8	3.2	0.8
754	8/12/2015 06:31:11	20.47	51.76	34.10	7.21	7.90	4.2	1.636	97.7	3.3	0.8
755	8/12/2015 06:46:11	20.42	51.71	34.06	7.16	7.90	4.5	1.700	97.0	3.0	0.7
756	8/12/2015 07:01:11	20.50	51.64	34.01	6.97	7.88	5.9	1.789	94.5	3.1	0.7
757	8/12/2015 07:16:11	20.54	51.72	34.07	6.90	7.88	6.5	1.884	93.7	3.9	0.9
758	8/12/2015 07:31:11	20.32	51.76	34.10	6.95	7.88	5.6	1.970	94.0	3.8	0.9
759	8/12/2015 07:46:11	20.25	51.66	34.03	6.92	7.88	5.6	2.052	93.5	3.5	0.8
760	8/12/2015 08:01:11	20.20	51.50	33.91	6.95	7.88	5.2	2.136	93.7	3.3	0.8
761	8/12/2015 08:16:11	19.94	51.56	33.95	6.96	7.87	5.2	2.239	93.4	2.7	0.6
762	8/12/2015 08:31:11	19.73	51.40	33.84	6.89	7.86	5.5	2.338	92.0	3.1	0.7
763	8/12/2015 08:46:11	19.56	51.43	33.86	6.80	7.85	5.3	2.419	90.5	2.9	0.7
764	8/12/2015 09:01:12	19.30	51.52	33.93	6.75	7.84	5.7	2.513	89.6	2.9	0.7
765	8/12/2015 09:16:11	19.07	51.38	33.82	6.75	7.84	6.4	2.611	89.0	2.5	0.6
766	8/12/2015 09:31:11	18.84	51.48	33.89	6.79	7.85	6.3	2.696	89.3	2.6	0.6
767	8/12/2015 09:46:11	18.73	51.33	33.79	6.81	7.85	6.9	2.781	89.2	2.6	0.6
768	8/12/2015 10:01:11	18.59	51.40	33.84	6.80	7.85	7.3	2.861	89.0	3.1	0.7
769	8/12/2015 10:16:11	18.21	51.35	33.80	6.88	7.85	8.4	2.954	89.3	2.6	0.6
770	8/12/2015 10:31:11	17.82	51.16	33.65	6.93	7.85	7.3	3.028	89.2	2.5	0.6
771	8/12/2015 10:46:11	17.30	51.16	33.65	7.00	7.86	7.8	3.098	89.2	2.5	0.6
772	8/12/2015 11:01:11	16.76	51.27	33.73	7.08	7.86	6.4	3.177	89.3	2.5	0.6
773	8/12/2015 11:16:11	16.48	51.14	33.63	7.15	7.87	5.2	3.246	89.8	2.2	0.5
774	8/12/2015 11:31:11	16.26	51.05	33.56	7.22	7.88	4.5	3.301	90.2	2.3	0.5
775	8/12/2015 11:46:11	16.19	51.12	33.61	7.25	7.88	4.7	3.338	90.4	2.7	0.6
776	8/12/2015 12:01:11	16.12	51.07	33.57	7.25	7.89	2.9	3.383	90.3	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	Fluorescence %FS
777	8/12/2015 12:16:11	16.01	51.10	33.59	7.18	7.88	2.8	3.393	89.2	1.7	0.4
778	8/12/2015 12:31:12	16.14	51.02	33.53	7.13	7.88	3.9	3.374	88.8	2.4	0.6
779	8/12/2015 12:46:12	16.24	51.15	33.63	7.13	7.88	3.2	3.354	89.0	2.2	0.5
780	8/12/2015 13:01:11	16.35	51.08	33.58	7.11	7.88	4.5	3.313	89.0	2.2	0.5
781	8/12/2015 13:16:11	16.70	51.18	33.66	7.11	7.88	4.4	3.248	89.6	2.2	0.5
782	8/12/2015 13:31:11	17.40	51.29	33.75	7.38	7.90	6.3	3.163	94.4	2.2	0.5
783	8/12/2015 13:46:11	17.41	51.26	33.72	7.47	7.90	5.9	3.087	95.5	1.9	0.5
784	8/12/2015 14:01:12	17.68	51.27	33.74	7.46	7.90	5.6	3.014	95.9	2.4	0.6
785	8/12/2015 14:16:11	18.58	51.37	33.82	7.37	7.89	6.3	2.922	96.4	2.8	0.7
786	8/12/2015 14:31:12	19.05	51.37	33.82	7.37	7.90	6.7	2.842	97.2	2.8	0.7
787	8/12/2015 14:46:11	19.24	51.37	33.82	7.34	7.89	5.9	2.756	97.1	2.8	0.7
788	8/12/2015 15:01:11	19.57	51.53	33.93	7.39	7.90	5.6	2.690	98.4	2.6	0.6
789	8/12/2015 15:16:11	19.80	51.55	33.95	7.49	7.90	5.7	2.607	100.2	2.8	0.7
790	8/12/2015 15:31:11	20.03	51.52	33.92	7.66	7.91	4.8	2.540	103.0	2.9	0.7
791	8/12/2015 15:46:11	20.14	51.59	33.97	7.73	7.92	4.6	2.481	104.2	3.1	0.7
792	8/12/2015 16:01:11	20.35	51.55	33.95	7.80	7.92	4.6	2.415	105.5	2.9	0.7
793	8/12/2015 16:16:11	20.43	51.60	33.99	7.88	7.93	4.6	2.368	106.7	3.4	0.8
794	8/12/2015 16:31:10	20.53	51.44	33.86	7.99	7.94	4.0	2.317	108.4	3.1	0.7
795	8/12/2015 16:46:10	20.54	51.55	33.94	7.94	7.93	3.7	2.296	107.7	3.1	0.7
796	8/12/2015 17:01:11	20.60	51.45	33.87	7.96	7.93	3.2	2.272	108.0	2.7	0.6
797	8/12/2015 17:16:11	20.48	51.44	33.86	8.24	7.95	4.9	2.271	111.6	3.5	0.8
798	8/12/2015 17:31:10	20.54	50.89	33.46	8.19	7.94	3.9	2.293	110.8	3.9	0.9
799	8/12/2015 17:46:11	20.52	51.40	33.83	8.11	7.94	4.3	2.318	109.9	3.7	0.9
800	8/12/2015 18:01:11	20.55	51.47	33.88	8.11	7.94	4.5	2.367	110.1	3.4	0.8
801	8/12/2015 18:16:11	20.55	51.49	33.90	8.14	7.94	3.8	2.416	110.5	4.3	1.0
802	8/12/2015 18:31:11	20.61	51.58	33.97	7.97	7.93	5.5	2.491	108.3	4.4	1.0
803	8/12/2015 18:46:11	20.50	51.50	33.91	7.89	7.92	7.3	2.556	106.9	4.2	1.0
804	8/12/2015 19:01:10	20.18	51.25	33.73	7.85	7.92	5.7	2.626	105.7	3.7	0.9
805	8/12/2015 19:16:11	19.97	51.47	33.89	7.71	7.91	5.7	2.708	103.5	3.7	0.9
806	8/12/2015 19:31:11	19.56	51.33	33.79	7.59	7.89	5.4	2.780	101.1	3.2	0.8
807	8/12/2015 19:46:11	18.82	51.36	33.81	7.31	7.87	5.4	2.851	96.0	2.8	0.7
808	8/12/2015 20:01:11	18.58	51.36	33.81	7.25	7.87	5.0	2.934	94.8	3.1	0.7
809	8/12/2015 20:16:11	18.37	51.16	33.66	7.28	7.87	5.9	3.018	94.7	3.0	0.7
810	8/12/2015 20:31:11	18.23	51.25	33.72	7.29	7.87	5.4	3.097	94.7	3.2	0.7
811	8/12/2015 20:46:11	17.78	51.13	33.63	7.37	7.88	6.0	3.187	94.8	2.9	0.7
812	8/12/2015 21:01:11	17.27	51.05	33.57	7.41	7.89	6.3	3.283	94.4	2.6	0.6
813	8/12/2015 21:16:11	16.87	51.01	33.54	7.47	7.89	7.3	3.372	94.4	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	Fluorescence %FS
814	8/12/2015 21:31:11	16.30	51.03	33.54	7.67	7.91	5.8	3.456	95.8	3.1	0.7
815	8/12/2015 21:46:11	15.89	50.99	33.51	7.74	7.91	5.4	3.539	96.0	2.4	0.6
816	8/12/2015 22:01:11	15.64	50.97	33.48	7.78	7.92	4.4	3.622	95.9	2.5	0.6
817	8/12/2015 22:16:11	15.53	51.07	33.56	7.81	7.92	4.2	3.695	96.1	2.6	0.6
818	8/12/2015 22:31:11	15.18	51.04	33.53	7.94	7.93	2.6	3.753	97.1	2.5	0.6
819	8/12/2015 22:46:11	15.12	51.02	33.51	7.99	7.94	2.4	3.808	97.6	2.9	0.7
820	8/12/2015 23:01:11	15.06	50.96	33.46	8.04	7.94	2.4	3.845	98.0	2.7	0.6
821	8/12/2015 23:16:11	15.00	51.05	33.53	8.05	7.94	1.6	3.867	98.1	2.1	0.5
822	8/12/2015 23:31:11	15.24	51.01	33.51	7.88	7.93	2.1	3.874	96.4	2.7	0.6
823	8/12/2015 23:46:11	15.03	51.00	33.50	7.91	7.94	2.0	3.850	96.3	2.2	0.5
824	8/13/2015 00:01:11	15.26	50.99	33.49	7.79	7.93	2.4	3.822	95.3	1.2	0.3
825	8/13/2015 00:16:11	15.69	51.05	33.54	7.62	7.92	3.7	3.766	94.1	2.1	0.5
826	8/13/2015 00:31:12	15.61	51.14	33.61	7.63	7.92	4.8	3.674	94.1	2.4	0.6
827	8/13/2015 00:46:11	15.96	51.18	33.65	7.64	7.92	5.4	3.582	94.9	2.3	0.5
828	8/13/2015 01:01:11	16.73	51.18	33.66	7.52	7.92	6.1	3.485	94.9	2.9	0.7
829	8/13/2015 01:16:11	17.15	51.18	33.66	7.44	7.91	6.9	3.372	94.6	3.4	0.8
830	8/13/2015 01:31:11	17.16	51.15	33.64	7.52	7.92	8.4	3.272	95.6	2.9	0.7
831	8/13/2015 01:46:11	17.35	51.25	33.72	7.43	7.91	6.8	3.137	94.8	3.0	0.7
832	8/13/2015 02:01:11	17.65	51.24	33.71	7.36	7.90	6.5	3.024	94.5	3.6	0.8
833	8/13/2015 02:16:11	18.13	51.21	33.70	7.20	7.89	6.4	2.902	93.3	2.6	0.6
834	8/13/2015 02:31:11	18.52	51.26	33.73	7.09	7.88	7.9	2.785	92.5	3.1	0.7
835	8/13/2015 02:46:11	18.77	51.31	33.77	7.02	7.87	8.4	2.655	92.1	3.3	0.8
836	8/13/2015 03:01:11	18.06	51.21	33.70	6.99	7.86	8.7	2.528	90.4	3.3	0.8
837	8/13/2015 03:16:11	18.87	51.30	33.77	7.12	7.88	7.9	2.408	93.5	3.2	0.8
838	8/13/2015 03:31:11	18.80	51.34	33.80	7.18	7.88	7.9	2.267	94.3	3.0	0.7
839	8/13/2015 03:46:11	18.63	51.30	33.76	7.15	7.88	8.7	2.132	93.6	3.2	0.8
840	8/13/2015 04:01:11	18.69	51.29	33.76	7.26	7.89	8.2	1.998	95.1	3.1	0.7
841	8/13/2015 04:16:11	19.07	51.34	33.79	7.09	7.88	7.8	1.878	93.6	3.4	0.8
842	8/13/2015 04:31:11	19.33	51.35	33.81	7.09	7.88	7.2	1.754	94.0	3.2	0.8
843	8/13/2015 04:46:11	19.46	51.57	33.96	7.06	7.87	6.4	1.631	93.9	3.0	0.7
844	8/13/2015 05:01:11	19.70	51.51	33.92	7.00	7.87	5.6	1.520	93.5	3.0	0.7
845	8/13/2015 05:16:11	19.87	51.54	33.94	6.93	7.87	5.6	1.447	92.9	3.2	0.8
846	8/13/2015 05:31:11	19.88	51.58	33.97	6.89	7.87	8.1	1.392	92.3	2.7	0.6
847	8/13/2015 05:46:11	19.94	51.60	33.98	6.85	7.86	7.0	1.352	92.0	3.4	0.8
848	8/13/2015 06:01:10	20.15	51.62	34.00	6.93	7.87	4.0	1.343	93.4	3.6	0.8
849	8/13/2015 06:16:11	20.25	51.66	34.03	7.05	7.89	4.8	1.380	95.2	3.6	0.8
850	8/13/2015 06:31:11	20.10	51.57	33.96	7.03	7.88	4.3	1.442	94.6	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	Fluorescence %FS
851	8/13/2015 06:46:11	20.30	51.69	34.05	7.29	7.91	4.3	1.488	98.5	3.2	0.7
852	8/13/2015 07:01:11	20.30	51.59	33.98	7.39	7.91	4.0	1.570	99.9	2.7	0.6
853	8/13/2015 07:16:11	20.25	51.57	33.96	7.42	7.91	4.6	1.680	100.1	2.7	0.6
854	8/13/2015 07:31:11	20.28	51.65	34.02	7.26	7.90	5.4	1.760	98.1	2.9	0.7
855	8/13/2015 07:46:11	20.30	51.69	34.05	7.13	7.89	6.0	1.828	96.4	3.4	0.8
856	8/13/2015 08:01:10	20.20	51.62	34.00	7.13	7.89	5.8	1.933	96.1	3.3	0.8
857	8/13/2015 08:16:11	20.05	51.70	34.06	7.15	7.89	5.3	2.021	96.2	3.3	0.8
858	8/13/2015 08:31:11	20.01	51.62	34.00	7.11	7.89	5.2	2.113	95.6	3.2	0.7
859	8/13/2015 08:46:11	19.93	51.59	33.98	7.11	7.89	4.9	2.205	95.5	2.9	0.7
860	8/13/2015 09:01:12	19.67	51.54	33.94	7.02	7.87	4.9	2.301	93.7	2.9	0.7
861	8/13/2015 09:16:11	19.47	51.52	33.93	6.96	7.86	5.3	2.396	92.6	2.9	0.7
862	8/13/2015 09:31:11	19.35	51.35	33.80	6.91	7.85	5.4	2.491	91.7	2.7	0.6
863	8/13/2015 09:46:11	19.11	51.48	33.90	6.92	7.85	6.3	2.593	91.4	3.4	0.8
864	8/13/2015 10:01:11	18.87	51.48	33.89	6.94	7.85	7.1	2.688	91.3	2.7	0.6
865	8/13/2015 10:16:11	18.74	51.40	33.84	6.98	7.85	7.4	2.773	91.5	3.0	0.7
866	8/13/2015 10:31:11	18.57	51.40	33.84	6.99	7.85	8.5	2.867	91.4	2.2	0.5
867	8/13/2015 10:46:11	18.17	51.16	33.66	7.06	7.85	10.6	2.958	91.5	2.4	0.6
868	8/13/2015 11:01:11	17.74	51.20	33.69	7.14	7.86	9.0	3.042	91.9	2.7	0.6
869	8/13/2015 11:16:11	17.23	51.14	33.63	7.30	7.87	7.1	3.120	92.9	2.3	0.5
870	8/13/2015 11:31:11	16.79	50.99	33.52	7.46	7.89	7.0	3.203	94.1	2.7	0.6
871	8/13/2015 11:46:12	16.49	51.14	33.63	7.54	7.90	5.0	3.277	94.7	2.6	0.6
872	8/13/2015 12:01:11	16.34	51.09	33.58	7.59	7.91	4.8	3.343	95.0	2.8	0.7
873	8/13/2015 12:16:11	16.12	51.01	33.52	7.72	7.92	3.4	3.398	96.2	2.6	0.6
874	8/13/2015 12:31:11	16.02	50.92	33.46	7.79	7.93	2.9	3.435	96.8	2.5	0.6
875	8/13/2015 12:46:11	15.87	51.13	33.61	7.83	7.93	2.1	3.465	97.1	2.2	0.5
876	8/13/2015 13:01:11	16.04	51.05	33.55	7.71	7.92	2.3	3.461	95.8	2.1	0.5
877	8/13/2015 13:16:11	15.92	50.90	33.44	7.77	7.93	2.5	3.438	96.3	2.2	0.5
878	8/13/2015 13:31:11	16.05	50.91	33.45	7.66	7.92	3.1	3.395	95.2	2.2	0.5
879	8/13/2015 13:46:11	16.49	51.08	33.58	7.57	7.92	3.9	3.331	95.0	2.1	0.5
880	8/13/2015 14:01:11	17.45	51.15	33.65	7.66	7.92	5.5	3.256	98.0	2.0	0.5
881	8/13/2015 14:16:11	17.44	51.13	33.64	7.78	7.93	6.3	3.163	99.5	2.1	0.5
882	8/13/2015 14:31:11	18.25	51.23	33.71	7.63	7.91	6.9	3.087	99.1	2.5	0.6
883	8/13/2015 14:46:11	18.54	51.34	33.79	7.73	7.92	7.4	2.999	101.0	2.8	0.7
884	8/13/2015 15:01:11	18.85	51.33	33.78	7.86	7.93	6.0	2.905	103.3	2.7	0.6
885	8/13/2015 15:16:11	19.12	51.41	33.85	7.89	7.94	5.6	2.824	104.3	3.1	0.7
886	8/13/2015 15:31:11	19.47	51.45	33.88	7.92	7.94	6.4	2.749	105.3	2.7	0.6
887	8/13/2015 15:46:11	19.71	51.47	33.89	8.00	7.94	5.7	2.672	106.8	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	Fluorescence %FS
888	8/13/2015 16:01:10	19.98	51.41	33.85	8.15	7.95	5.4	2.589	109.4	2.6	0.6
889	8/13/2015 16:16:11	20.14	51.56	33.95	8.33	7.96	5.1	2.530	112.1	3.4	0.8
890	8/13/2015 16:31:11	20.26	51.47	33.89	8.46	7.97	5.1	2.454	114.1	3.5	0.8
891	8/13/2015 16:46:11	20.39	51.44	33.86	8.54	7.97	4.9	2.390	115.5	3.4	0.8
892	8/13/2015 17:01:11	20.41	51.55	33.94	8.59	7.98	4.2	2.343	116.3	2.9	0.7
893	8/13/2015 17:16:12	20.52	51.53	33.93	8.66	7.98	4.3	2.284	117.4	3.3	0.8
894	8/13/2015 17:31:11	20.61	51.50	33.91	8.87	8.00	3.7	2.251	120.4	3.3	0.8
895	8/13/2015 17:46:10	20.62	51.37	33.81	8.68	7.99	3.7	2.237	117.9	3.1	0.7
896	8/13/2015 18:01:11	20.70	51.37	33.81	9.03	8.01	4.1	2.229	122.8	3.4	0.8
897	8/13/2015 18:16:10	20.66	51.49	33.90	8.94	8.00	4.4	2.241	121.5	3.8	0.9
898	8/13/2015 18:31:10	20.69	51.47	33.88	8.92	8.00	4.0	2.274	121.3	3.5	0.8
899	8/13/2015 18:46:10	20.72	51.50	33.91	8.83	7.99	4.6	2.316	120.1	3.9	0.9
900	8/13/2015 19:01:10	20.74	51.48	33.89	8.75	7.99	4.0	2.363	119.1	3.9	0.9
901	8/13/2015 19:16:10	20.85	51.45	33.87	8.51	7.96	5.4	2.446	116.1	4.1	1.0
902	8/13/2015 19:31:11	20.85	51.57	33.96	8.30	7.95	7.2	2.520	113.3	4.4	1.0
903	8/13/2015 19:46:11	20.40	51.53	33.93	8.31	7.95	6.0	2.597	112.5	4.1	1.0
904	8/13/2015 20:01:11	20.21	51.45	33.87	8.23	7.94	5.3	2.672	111.0	3.4	0.8
905	8/13/2015 20:16:11	19.75	51.39	33.83	8.09	7.92	5.8	2.754	108.1	3.4	0.8
906	8/13/2015 20:31:11	18.91	51.31	33.77	7.67	7.89	5.1	2.844	100.9	3.7	0.9
907	8/13/2015 20:46:11	18.66	51.28	33.75	7.56	7.89	5.7	2.915	99.0	3.4	0.8
908	8/13/2015 21:01:11	18.40	51.38	33.82	7.53	7.89	5.4	3.007	98.1	2.9	0.7
909	8/13/2015 21:16:12	18.32	51.33	33.79	7.54	7.89	5.9	3.094	98.1	3.2	0.8
910	8/13/2015 21:31:11	17.83	51.12	33.63	7.66	7.90	5.7	3.184	98.6	3.5	0.8
911	8/13/2015 21:46:11	17.49	51.18	33.67	7.75	7.91	5.8	3.273	99.1	3.6	0.9
912	8/13/2015 22:01:11	17.21	51.16	33.65	7.84	7.92	5.9	3.365	99.8	3.0	0.7
913	8/13/2015 22:16:11	16.65	51.04	33.56	8.16	7.94	5.0	3.454	102.7	3.0	0.7
914	8/13/2015 22:31:11	16.36	50.98	33.51	8.28	7.95	4.4	3.535	103.5	3.8	0.9
915	8/13/2015 22:46:11	16.17	51.06	33.56	8.41	7.96	4.1	3.615	104.8	3.3	0.8
916	8/13/2015 23:01:11	15.88	50.91	33.45	8.60	7.98	3.2	3.688	106.6	4.1	1.0
917	8/13/2015 23:16:11	15.69	50.92	33.45	8.74	7.99	2.4	3.750	107.9	3.6	0.9
918	8/13/2015 23:31:11	15.63	51.04	33.54	8.82	7.99	2.3	3.801	108.8	3.0	0.7
919	8/13/2015 23:46:11	15.55	50.97	33.48	8.88	8.00	2.1	3.835	109.3	3.3	0.8
920	8/14/2015 00:01:12	15.55	51.02	33.52	8.80	8.00	1.6	3.858	108.3	3.7	0.9
921	8/14/2015 00:16:11	15.87	50.96	33.49	8.50	7.98	2.8	3.854	105.4	2.9	0.7
922	8/14/2015 00:31:11	15.66	51.01	33.52	8.69	7.99	1.8	3.822	107.2	1.8	0.4
923	8/14/2015 00:46:11	15.95	50.94	33.47	8.44	7.97	2.9	3.781	104.7	2.6	0.6
924	8/14/2015 01:01:11	16.07	51.01	33.53	8.25	7.96	3.7	3.716	102.6	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	Fluorescence %FS
925	8/14/2015 01:16:11	16.21	51.06	33.57	8.32	7.96	5.1	3.619	103.8	3.4	0.8
926	8/14/2015 01:31:11	16.50	51.17	33.65	8.36	7.97	5.6	3.524	104.9	2.9	0.7
927	8/14/2015 01:46:11	17.29	51.29	33.75	7.75	7.93	7.0	3.433	98.8	3.4	0.8
928	8/14/2015 02:01:11	17.45	51.27	33.73	7.91	7.94	6.7	3.320	101.1	3.1	0.7
929	8/14/2015 02:16:11	17.47	51.22	33.70	7.96	7.94	7.4	3.209	101.9	3.1	0.7
930	8/14/2015 02:31:11	17.56	51.30	33.76	7.88	7.93	6.0	3.083	101.0	3.3	0.8
931	8/14/2015 02:46:11	17.97	51.17	33.67	7.70	7.92	6.9	2.965	99.4	3.1	0.7
932	8/14/2015 03:01:11	18.48	51.37	33.82	7.49	7.91	7.2	2.869	97.8	3.5	0.8
933	8/14/2015 03:16:11	18.95	51.37	33.82	7.35	7.90	8.0	2.731	96.8	3.5	0.8
934	8/14/2015 03:31:11	19.01	51.35	33.80	7.32	7.89	7.5	2.623	96.5	3.2	0.7
935	8/14/2015 03:46:11	18.74	51.32	33.78	7.36	7.89	7.3	2.492	96.5	2.6	0.6
936	8/14/2015 04:01:11	18.72	51.23	33.71	7.39	7.89	8.6	2.370	96.9	3.4	0.8
937	8/14/2015 04:16:11	18.79	51.44	33.87	7.43	7.90	8.0	2.239	97.6	2.8	0.6
938	8/14/2015 04:31:11	18.78	51.40	33.84	7.43	7.89	8.7	2.102	97.5	3.6	0.8
939	8/14/2015 04:46:11	19.29	51.48	33.90	7.40	7.90	7.8	1.983	98.1	3.1	0.7
940	8/14/2015 05:01:10	19.40	51.43	33.86	7.32	7.89	6.7	1.870	97.3	3.0	0.7
941	8/14/2015 05:16:10	19.57	51.40	33.84	7.19	7.88	7.4	1.737	95.8	3.2	0.8
942	8/14/2015 05:31:11	19.87	51.43	33.86	7.24	7.89	5.9	1.624	97.0	2.7	0.6
943	8/14/2015 05:46:11	20.05	51.51	33.92	7.19	7.89	6.0	1.559	96.7	2.9	0.7
944	8/14/2015 06:01:11	20.15	51.52	33.93	7.13	7.88	5.7	1.481	96.1	3.2	0.7
945	8/14/2015 06:16:11	20.33	51.64	34.01	7.21	7.89	6.7	1.411	97.6	3.0	0.7
946	8/14/2015 06:31:11	20.39	51.64	34.01	7.17	7.89	6.1	1.418	97.0	2.3	0.5
947	8/14/2015 06:46:11	20.53	51.62	34.00	7.24	7.90	4.5	1.432	98.3	2.6	0.6
948	8/14/2015 07:01:11	20.59	51.61	33.99	7.47	7.92	4.2	1.455	101.4	2.6	0.6
949	8/14/2015 07:16:11	20.41	51.60	33.98	7.37	7.91	4.0	1.526	99.8	2.6	0.6
950	8/14/2015 07:31:11	20.61	51.58	33.97	7.69	7.93	4.0	1.609	104.5	2.9	0.7
951	8/14/2015 07:46:11	20.55	51.68	34.04	7.66	7.93	4.2	1.678	104.0	2.8	0.7
952	8/14/2015 08:01:11	20.49	51.71	34.07	7.58	7.92	4.5	1.788	102.8	2.5	0.6
953	8/14/2015 08:16:11	20.73	51.70	34.05	7.14	7.89	6.2	1.866	97.3	3.3	0.8
954	8/14/2015 08:31:11	20.68	51.54	33.94	7.04	7.89	7.7	1.949	95.8	3.0	0.7
955	8/14/2015 08:46:11	20.44	51.70	34.05	7.23	7.90	5.7	2.061	98.0	3.2	0.7
956	8/14/2015 09:01:11	20.31	51.65	34.02	7.30	7.89	5.1	2.137	98.6	2.3	0.5
957	8/14/2015 09:16:11	20.21	51.68	34.04	7.33	7.89	4.8	2.235	98.9	2.5	0.6
958	8/14/2015 09:31:11	19.84	51.52	33.92	7.25	7.88	5.0	2.342	97.1	2.6	0.6
959	8/14/2015 09:46:11	19.62	51.46	33.88	7.18	7.87	5.0	2.426	95.8	2.6	0.6
960	8/14/2015 10:01:11	19.52	51.36	33.81	7.14	7.86	5.6	2.531	95.0	2.4	0.6
961	8/14/2015 10:16:11	19.35	51.39	33.83	7.16	7.86	6.1	2.629	95.0	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	Fluorescence %FS
962	8/14/2015 10:31:12	19.08	51.43	33.86	7.17	7.86	6.5	2.719	94.6	2.5	0.6
963	8/14/2015 10:46:12	18.94	51.40	33.84	7.23	7.87	6.8	2.810	95.2	3.0	0.7
964	8/14/2015 11:01:12	18.80	51.41	33.85	7.25	7.87	7.4	2.904	95.2	3.1	0.7
965	8/14/2015 11:16:12	18.54	51.23	33.71	7.34	7.88	8.2	2.988	95.8	2.8	0.7
966	8/14/2015 11:31:11	18.16	51.09	33.61	7.49	7.89	8.1	3.086	97.1	2.7	0.6
967	8/14/2015 11:46:11	17.64	51.09	33.60	7.73	7.90	7.8	3.160	99.2	2.4	0.6
968	8/14/2015 12:01:11	17.24	51.08	33.60	7.96	7.92	6.3	3.247	101.3	3.3	0.8
969	8/14/2015 12:16:11	16.97	51.17	33.66	8.14	7.94	6.0	3.321	103.2	3.5	0.8
970	8/14/2015 12:31:11	16.85	51.08	33.59	8.24	7.95	4.7	3.384	104.2	3.6	0.8
971	8/14/2015 12:46:11	16.71	51.00	33.52	8.38	7.96	4.2	3.436	105.6	3.2	0.8
972	8/14/2015 13:01:11	16.47	51.04	33.55	8.57	7.98	3.4	3.488	107.5	3.9	0.9
973	8/14/2015 13:16:11	16.31	50.95	33.49	8.65	7.99	3.2	3.512	108.0	3.9	0.9
974	8/14/2015 13:31:11	16.58	50.75	33.34	8.54	7.98	2.7	3.514	107.2	2.8	0.7
975	8/14/2015 13:46:11	16.37	51.08	33.58	8.49	7.98	2.6	3.497	106.2	3.2	0.8
976	8/14/2015 14:01:11	16.47	51.02	33.54	8.41	7.97	2.4	3.471	105.4	2.4	0.6
977	8/14/2015 14:16:11	16.66	51.02	33.54	8.36	7.97	3.1	3.407	105.2	2.6	0.6
978	8/14/2015 14:31:11	17.88	51.16	33.66	8.35	7.97	6.1	3.323	107.6	3.4	0.8
979	8/14/2015 14:46:11	17.72	51.18	33.67	8.53	7.98	5.8	3.246	109.7	2.6	0.6
980	8/14/2015 15:01:11	18.25	51.16	33.66	8.36	7.96	6.9	3.156	108.6	3.3	0.8
981	8/14/2015 15:16:11	18.76	51.18	33.68	8.29	7.96	7.1	3.072	108.7	3.0	0.7
982	8/14/2015 15:31:11	19.17	51.24	33.72	8.38	7.97	6.8	2.962	110.7	3.4	0.8
983	8/14/2015 15:46:11	19.39	51.37	33.81	8.43	7.97	6.1	2.874	111.9	3.4	0.8
984	8/14/2015 16:01:11	19.83	51.41	33.85	8.40	7.97	7.1	2.792	112.5	3.2	0.8
985	8/14/2015 16:16:11	20.09	51.32	33.78	8.40	7.97	7.5	2.697	112.9	3.2	0.7
986	8/14/2015 16:31:11	20.32	51.48	33.89	8.64	7.99	6.3	2.623	116.7	3.0	0.7
987	8/14/2015 16:46:11	20.56	51.50	33.91	8.76	8.00	5.6	2.547	118.8	3.5	0.8
988	8/14/2015 17:01:11	20.56	51.37	33.81	8.91	8.01	6.0	2.466	120.9	2.8	0.7
989	8/14/2015 17:16:11	20.63	51.39	33.83	8.92	8.01	5.9	2.406	121.2	3.4	0.8
990	8/14/2015 17:31:11	20.74	51.44	33.87	8.90	8.01	5.6	2.331	121.2	2.9	0.7
991	8/14/2015 17:46:11	20.77	51.35	33.80	9.07	8.02	5.1	2.271	123.5	3.3	0.8
992	8/14/2015 18:01:11	20.78	51.40	33.84	8.94	8.02	4.9	2.228	121.7	3.4	0.8
993	8/14/2015 18:16:11	20.83	51.45	33.87	8.87	8.01	4.3	2.200	121.0	3.5	0.8
994	8/14/2015 18:31:11	20.82	51.44	33.86	8.93	8.01	4.1	2.178	121.7	3.5	0.8
995	8/14/2015 18:46:10	20.42	51.25	33.72	9.39	8.06	4.6	2.188	127.0	3.3	0.8
996	8/14/2015 19:01:11	20.78	51.37	33.81	9.04	8.02	4.4	2.204	123.1	3.6	0.8
997	8/14/2015 19:16:11	20.96	51.47	33.88	8.98	8.02	3.9	2.241	122.8	3.4	0.8
998	8/14/2015 19:31:11	21.08	51.51	33.91	9.03	8.02	4.5	2.313	123.8	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	Fluorescence %FS
999	8/14/2015 19:46:11	21.28	51.55	33.94	9.06	8.02	5.3	2.364	124.6	3.9	0.9
1000	8/14/2015 20:01:11	21.21	51.53	33.92	8.88	8.01	4.6	2.448	122.0	4.4	1.0
1001	8/14/2015 20:16:11	21.37	51.54	33.93	8.62	7.99	7.0	2.536	118.7	4.3	1.0
1002	8/14/2015 20:31:11	20.98	51.43	33.86	8.59	7.98	6.0	2.604	117.5	4.1	1.0
1003	8/14/2015 20:46:11	20.77	51.48	33.89	8.55	7.98	5.6	2.694	116.5	4.0	0.9
1004	8/14/2015 21:01:11	20.46	51.30	33.76	8.55	7.96	5.3	2.767	115.7	3.9	0.9
1005	8/14/2015 21:16:11	19.56	51.31	33.78	8.09	7.92	5.1	2.838	107.7	4.1	1.0
1006	8/14/2015 21:31:11	19.31	51.17	33.67	8.02	7.92	4.9	2.922	106.2	3.7	0.9
1007	8/14/2015 21:46:11	19.05	51.27	33.74	7.97	7.92	5.4	3.004	105.1	3.2	0.8
1008	8/14/2015 22:01:11	18.92	51.25	33.73	8.01	7.92	5.1	3.083	105.3	3.7	0.9
1009	8/14/2015 22:16:11	18.57	51.16	33.66	8.11	7.93	5.9	3.172	106.0	3.7	0.9
1010	8/14/2015 22:31:11	18.29	51.16	33.66	8.18	7.94	5.6	3.256	106.2	3.6	0.8
1011	8/14/2015 22:46:11	18.05	51.18	33.67	8.27	7.95	6.0	3.347	106.9	4.0	0.9
1012	8/14/2015 23:01:11	17.54	51.07	33.59	8.53	7.97	6.2	3.433	109.2	4.7	1.1
1013	8/14/2015 23:16:11	17.13	51.05	33.57	8.69	7.98	5.3	3.511	110.4	4.6	1.1
1014	8/14/2015 23:31:11	16.82	50.91	33.47	8.87	8.00	4.2	3.593	111.9	5.0	1.2
1015	8/14/2015 23:46:11	16.35	50.89	33.44	9.11	8.02	3.8	3.665	113.9	4.8	1.1
1016	8/15/2015 00:01:11	16.11	50.84	33.40	9.23	8.03	3.5	3.723	114.8	4.0	0.9
1017	8/15/2015 00:16:11	16.04	50.88	33.43	9.25	8.03	2.0	3.761	114.9	4.3	1.0
1018	8/15/2015 00:31:11	16.02	50.78	33.36	9.25	8.03	1.9	3.802	114.9	4.5	1.1
1019	8/15/2015 00:46:11	16.07	50.88	33.43	9.00	8.02	1.5	3.814	111.9	7.6	1.8
1020	8/15/2015 01:01:11	16.09	50.85	33.41	8.97	8.02	2.2	3.805	111.5	4.1	1.0
1021	8/15/2015 01:16:11	16.07	50.86	33.41	9.02	8.02	2.8	3.765	112.2	3.3	0.8
1022	8/15/2015 01:31:11	16.59	50.94	33.48	8.64	8.00	4.9	3.705	108.6	3.9	0.9
1023	8/15/2015 01:46:11	16.41	51.01	33.53	8.76	8.01	5.2	3.635	109.8	4.1	1.0
1024	8/15/2015 02:01:11	16.30	50.98	33.50	8.85	8.02	5.2	3.541	110.6	4.0	0.9
1025	8/15/2015 02:16:11	16.86	51.02	33.55	8.74	8.00	5.6	3.430	110.4	4.6	1.1
1026	8/15/2015 02:31:11	17.47	51.08	33.60	8.18	7.97	7.3	3.334	104.6	4.4	1.0
1027	8/15/2015 02:46:11	18.04	51.26	33.74	7.97	7.95	7.6	3.221	103.2	4.0	0.9
1028	8/15/2015 03:01:11	18.26	51.19	33.68	7.89	7.95	7.6	3.107	102.5	4.3	1.0
1029	8/15/2015 03:16:11	18.57	51.24	33.72	7.64	7.93	7.2	3.007	99.9	3.9	0.9
1030	8/15/2015 03:31:11	19.03	51.42	33.85	7.33	7.91	7.8	2.887	96.7	3.2	0.8
1031	8/15/2015 03:46:11	19.44	51.46	33.89	7.08	7.89	8.4	2.770	94.1	3.9	0.9
1032	8/15/2015 04:01:11	19.50	51.35	33.80	7.29	7.91	7.2	2.657	97.0	3.1	0.7
1033	8/15/2015 04:16:11	19.26	51.39	33.83	7.23	7.91	9.0	2.540	95.7	3.4	0.8
1034	8/15/2015 04:31:11	19.45	51.37	33.82	7.60	7.94	8.1	2.403	101.1	3.3	0.8
1035	8/15/2015 04:46:11	19.16	51.39	33.83	7.57	7.93	7.6	2.283	100.0	3.6	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
1036	8/15/2015 05:01:10	19.32	51.31	33.77	7.52	7.93	7.9	2.150	99.7	3.6	0.8
1037	8/15/2015 05:16:11	19.53	51.50	33.91	7.38	7.92	7.6	2.026	98.3	3.0	0.7
1038	8/15/2015 05:31:11	19.42	51.36	33.81	7.24	7.91	8.5	1.902	96.1	3.5	0.8
1039	8/15/2015 05:46:11	19.89	51.45	33.88	7.20	7.91	6.8	1.782	96.4	2.5	0.6
1040	8/15/2015 06:01:11	20.04	51.55	33.95	7.11	7.90	6.9	1.676	95.5	2.6	0.6
1041	8/15/2015 06:16:11	20.12	51.49	33.90	7.01	7.89	8.1	1.574	94.4	2.8	0.7
1042	8/15/2015 06:31:11	20.13	51.58	33.97	6.94	7.88	6.1	1.514	93.5	2.9	0.7
1043	8/15/2015 06:46:10	20.26	51.60	33.98	6.88	7.88	6.2	1.462	92.9	2.8	0.6
1044	8/15/2015 07:01:11	20.36	51.59	33.98	6.82	7.88	5.6	1.436	92.3	2.7	0.6
1045	8/15/2015 07:16:11	20.41	51.50	33.91	6.91	7.89	5.1	1.448	93.6	2.6	0.6
1046	8/15/2015 07:31:11	20.50	51.58	33.97	6.95	7.90	4.2	1.477	94.3	2.7	0.6
1047	8/15/2015 07:46:10	20.41	51.60	33.98	6.99	7.89	4.5	1.535	94.6	3.0	0.7
1048	8/15/2015 08:01:10	20.60	51.46	33.88	7.06	7.91	4.7	1.602	95.8	2.3	0.5
1049	8/15/2015 08:16:11	20.70	51.63	34.00	7.16	7.92	4.4	1.685	97.4	2.8	0.7
1050	8/15/2015 08:31:11	20.63	51.60	33.98	7.16	7.92	4.6	1.782	97.3	2.5	0.6
1051	8/15/2015 08:46:10	20.57	51.58	33.97	7.17	7.92	5.3	1.865	97.4	2.2	0.5
1052	8/15/2015 09:01:10	20.44	51.63	34.01	7.15	7.91	5.2	1.949	96.8	2.5	0.6
1053	8/15/2015 09:16:11	20.41	51.66	34.03	7.06	7.91	5.6	2.046	95.6	2.6	0.6
1054	8/15/2015 09:31:11	20.34	51.60	33.98	7.06	7.90	5.6	2.137	95.5	2.6	0.6
1055	8/15/2015 09:46:11	20.36	51.51	33.92	7.02	7.90	6.2	2.228	94.9	2.3	0.5
1056	8/15/2015 10:01:11	20.33	51.60	33.98	7.03	7.90	5.4	2.321	95.0	2.3	0.5
1057	8/15/2015 10:16:11	20.00	51.45	33.88	7.17	7.89	5.9	2.417	96.3	2.2	0.5
1058	8/15/2015 10:31:11	19.75	51.43	33.86	7.21	7.89	5.2	2.518	96.4	2.6	0.6
1059	8/15/2015 10:46:11	19.50	51.46	33.88	7.27	7.89	6.3	2.604	96.8	2.7	0.6
1060	8/15/2015 11:01:11	19.27	51.38	33.82	7.31	7.89	6.7	2.700	96.9	2.8	0.7
1061	8/15/2015 11:16:11	19.13	51.22	33.71	7.38	7.90	7.4	2.790	97.5	2.5	0.6
1062	8/15/2015 11:31:11	19.03	51.38	33.82	7.44	7.90	7.2	2.875	98.1	3.4	0.8
1063	8/15/2015 11:46:11	18.83	51.31	33.77	7.54	7.91	9.0	2.966	99.1	3.0	0.7
1064	8/15/2015 12:01:11	18.42	51.14	33.65	7.75	7.92	8.1	3.044	100.9	3.0	0.7
1065	8/15/2015 12:16:11	18.00	51.03	33.56	7.94	7.94	7.9	3.131	102.6	3.7	0.9
1066	8/15/2015 12:31:11	17.56	50.98	33.52	8.15	7.95	10.9	3.212	104.3	3.9	0.9
1067	8/15/2015 12:46:11	17.20	51.07	33.59	8.33	7.97	6.5	3.283	105.9	3.8	0.9
1068	8/15/2015 13:01:11	16.97	50.98	33.52	8.43	7.98	5.8	3.354	106.7	4.3	1.0
1069	8/15/2015 13:16:11	16.82	50.99	33.52	8.51	8.00	4.3	3.412	107.5	4.0	0.9
1070	8/15/2015 13:31:11	16.73	50.89	33.45	8.58	8.00	3.4	3.457	108.0	3.8	0.9
1071	8/15/2015 13:46:11	16.62	50.83	33.40	8.66	8.01	2.8	3.488	108.8	2.9	0.7
1072	8/15/2015 14:01:11	16.56	50.84	33.41	8.43	8.00	1.6	3.499	105.8	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	Fluorescence %FS
1073	8/15/2015 14:16:11	16.62	50.81	33.39	8.53	8.00	2.9	3.487	107.2	4.0	0.9
1074	8/15/2015 14:31:11	16.85	50.89	33.45	8.41	8.00	3.8	3.444	106.2	2.9	0.7
1075	8/15/2015 14:46:11	16.93	50.89	33.45	8.38	7.99	3.3	3.398	106.0	2.9	0.7
1076	8/15/2015 15:01:11	17.83	51.00	33.54	8.46	7.99	5.1	3.318	109.0	3.6	0.9
1077	8/15/2015 15:16:11	17.88	50.98	33.53	8.69	8.01	6.2	3.224	112.0	3.3	0.8
1078	8/15/2015 15:31:11	18.79	51.08	33.60	8.45	7.99	7.0	3.132	110.7	3.7	0.9
1079	8/15/2015 15:46:11	19.17	51.24	33.72	8.44	7.99	7.1	3.050	111.5	3.5	0.8
1080	8/15/2015 16:01:11	19.57	51.28	33.75	8.49	7.99	6.4	2.956	113.0	3.6	0.8
1081	8/15/2015 16:16:11	19.67	51.33	33.79	8.51	8.00	6.1	2.854	113.6	3.5	0.8
1082	8/15/2015 16:31:10	20.04	51.32	33.78	8.54	8.00	6.5	2.766	114.7	3.0	0.7
1083	8/15/2015 16:46:10	20.29	51.39	33.83	8.48	7.99	6.4	2.693	114.5	3.4	0.8
1084	8/15/2015 17:01:11	20.44	51.51	33.92	8.58	8.00	5.9	2.608	116.2	3.1	0.7
1085	8/15/2015 17:16:11	20.56	51.46	33.88	8.61	8.00	5.1	2.520	116.8	3.0	0.7
1086	8/15/2015 17:31:10	20.68	51.44	33.87	8.74	8.01	5.1	2.444	118.8	3.1	0.7
1087	8/15/2015 17:46:11	20.78	51.46	33.88	8.72	8.01	5.2	2.376	118.8	3.2	0.8
1088	8/15/2015 18:01:11	20.81	51.44	33.86	8.81	8.02	4.8	2.301	120.0	3.0	0.7
1089	8/15/2015 18:16:11	20.82	51.42	33.85	8.88	8.02	5.1	2.226	121.0	3.1	0.7
1090	8/15/2015 18:31:11	20.84	51.41	33.84	8.79	8.02	4.5	2.181	119.9	3.4	0.8
1091	8/15/2015 18:46:10	20.76	51.40	33.83	8.79	8.02	4.3	2.133	119.6	3.0	0.7
1092	8/15/2015 19:01:11	20.72	51.50	33.90	8.86	8.03	4.2	2.109	120.5	3.1	0.7
1093	8/15/2015 19:16:11	20.63	51.30	33.76	9.07	8.05	4.3	2.093	123.1	3.3	0.8
1094	8/15/2015 19:31:11	20.61	51.43	33.86	9.10	8.04	4.4	2.094	123.5	3.1	0.7
1095	8/15/2015 19:46:11	20.88	51.52	33.92	8.89	8.03	3.8	2.132	121.3	3.3	0.8
1096	8/15/2015 20:01:11	20.83	51.49	33.90	8.87	8.02	3.8	2.169	120.9	3.1	0.7
1097	8/15/2015 20:16:11	21.36	51.68	34.03	8.77	8.02	5.1	2.229	120.8	3.7	0.9
1098	8/15/2015 20:31:11	21.16	51.59	33.97	8.82	8.02	4.8	2.300	121.1	4.0	0.9
1099	8/15/2015 20:46:11	21.57	51.67	34.02	8.33	7.99	8.5	2.376	115.2	3.9	0.9
1100	8/15/2015 21:01:11	21.40	51.56	33.95	8.36	7.99	8.2	2.456	115.2	4.2	1.0
1101	8/15/2015 21:16:11	20.99	51.49	33.90	8.42	7.98	6.8	2.539	115.2	4.0	0.9
1102	8/15/2015 21:31:11	20.79	51.42	33.84	8.44	7.99	5.4	2.618	115.0	3.9	0.9
1103	8/15/2015 21:46:11	20.27	51.36	33.81	8.30	7.97	5.3	2.699	112.0	4.0	0.9
1104	8/15/2015 22:01:12	19.74	51.34	33.80	8.02	7.95	5.1	2.771	107.1	3.5	0.8
1105	8/15/2015 22:16:12	19.48	51.25	33.73	7.97	7.94	5.2	2.863	105.9	4.3	1.0
1106	8/15/2015 22:31:11	19.19	51.14	33.65	7.99	7.95	5.9	2.933	105.5	3.9	0.9
1107	8/15/2015 22:46:11	18.98	51.14	33.65	8.06	7.95	6.6	3.015	106.1	3.6	0.8
1108	8/15/2015 23:01:11	18.61	51.14	33.65	8.16	7.96	6.2	3.099	106.7	3.6	0.8
1109	8/15/2015 23:16:11	18.37	51.10	33.62	8.22	7.97	5.2	3.180	107.0	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	Fluorescence %FS
1110	8/15/2015 23:31:11	18.03	51.12	33.63	8.32	7.98	5.9	3.265	107.6	4.0	0.9
1111	8/15/2015 23:46:11	17.58	50.98	33.52	8.49	7.99	6.2	3.346	108.7	4.7	1.1
1112	8/16/2015 00:01:11	17.09	50.92	33.48	8.65	8.00	5.1	3.427	109.8	4.0	1.0
1113	8/16/2015 00:16:11	16.69	50.91	33.46	8.80	8.02	4.3	3.496	110.7	5.1	1.2
1114	8/16/2015 00:31:11	16.45	50.91	33.45	8.82	8.02	4.1	3.554	110.5	4.2	1.0
1115	8/16/2015 00:46:11	16.23	50.83	33.39	8.89	8.03	3.2	3.607	110.9	4.3	1.0
1116	8/16/2015 01:01:11	16.22	50.81	33.38	8.88	8.03	2.3	3.647	110.7	4.2	1.0
1117	8/16/2015 01:16:11	16.06	50.88	33.43	8.87	8.03	2.1	3.672	110.3	4.3	1.0
1118	8/16/2015 01:31:11	16.65	50.95	33.49	8.51	8.01	3.7	3.672	107.1	3.4	0.8
1119	8/16/2015 01:46:11	16.10	50.81	33.38	8.68	8.02	2.7	3.657	108.0	3.4	0.8
1120	8/16/2015 02:01:11	16.34	50.88	33.43	8.61	8.02	2.7	3.618	107.6	3.2	0.8
1121	8/16/2015 02:16:11	17.00	50.88	33.44	8.32	8.00	3.7	3.565	105.4	2.6	0.6
1122	8/16/2015 02:31:11	17.04	51.05	33.57	8.33	8.00	5.8	3.479	105.6	3.7	0.9
1123	8/16/2015 02:46:11	17.32	51.03	33.56	8.36	7.99	5.7	3.372	106.6	3.7	0.9
1124	8/16/2015 03:01:11	17.42	50.96	33.51	8.34	7.99	5.4	3.300	106.5	3.5	0.8
1125	8/16/2015 03:16:11	18.04	51.08	33.60	8.01	7.97	6.0	3.195	103.6	3.5	0.8
1126	8/16/2015 03:31:11	18.20	51.26	33.73	7.99	7.97	5.6	3.083	103.7	2.9	0.7
1127	8/16/2015 03:46:11	18.58	51.30	33.76	7.88	7.96	5.6	2.977	103.0	3.4	0.8
1128	8/16/2015 04:01:11	18.66	51.34	33.80	7.73	7.95	5.9	2.877	101.2	3.1	0.7
1129	8/16/2015 04:16:11	19.16	51.41	33.85	7.50	7.94	5.6	2.775	99.2	3.4	0.8
1130	8/16/2015 04:31:11	19.45	51.28	33.75	7.25	7.92	5.9	2.655	96.3	2.9	0.7
1131	8/16/2015 04:46:11	19.56	51.45	33.88	7.33	7.92	8.3	2.534	97.6	3.3	0.8
1132	8/16/2015 05:01:11	19.54	51.56	33.95	7.26	7.92	7.8	2.433	96.8	2.9	0.7
1133	8/16/2015 05:16:11	19.28	51.28	33.75	7.28	7.91	7.2	2.319	96.4	3.1	0.7
1134	8/16/2015 05:31:11	19.22	51.34	33.80	7.41	7.92	7.3	2.195	98.0	2.6	0.6
1135	8/16/2015 05:46:11	19.24	51.35	33.80	7.35	7.92	7.1	2.059	97.3	2.8	0.7
1136	8/16/2015 06:01:11	19.23	51.32	33.78	7.27	7.91	6.8	1.969	96.1	2.8	0.7
1137	8/16/2015 06:16:11	19.35	51.49	33.90	7.14	7.91	6.6	1.844	94.7	2.4	0.6
1138	8/16/2015 06:31:11	19.48	51.46	33.88	7.04	7.90	5.9	1.738	93.6	2.3	0.5
1139	8/16/2015 06:46:11	19.76	51.51	33.92	6.98	7.90	5.4	1.647	93.3	2.4	0.6
1140	8/16/2015 07:01:11	19.84	51.50	33.91	6.96	7.89	4.8	1.578	93.2	1.9	0.4
1141	8/16/2015 07:16:11	19.86	51.57	33.96	6.90	7.89	4.8	1.518	92.5	2.5	0.6
1142	8/16/2015 07:31:11	19.95	51.61	33.99	6.83	7.89	4.9	1.461	91.7	2.2	0.5
1143	8/16/2015 07:46:11	19.98	51.61	34.00	6.74	7.88	4.4	1.478	90.5	2.3	0.5
1144	8/16/2015 08:01:10	19.98	51.51	33.92	7.00	7.89	3.8	1.507	94.0	2.7	0.6
1145	8/16/2015 08:16:11	20.29	51.75	34.09	7.01	7.91	4.0	1.534	94.8	2.7	0.6
1146	8/16/2015 08:31:11	20.20	51.69	34.05	7.02	7.91	4.3	1.589	94.7	2.6	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
1147	8/16/2015 08:46:11	20.34	51.63	34.00	7.12	7.92	3.6	1.677	96.3	2.4	0.6
1148	8/16/2015 09:01:11	20.27	51.62	34.00	7.14	7.92	3.9	1.763	96.4	2.8	0.7
1149	8/16/2015 09:16:11	20.23	51.60	33.99	7.16	7.92	4.5	1.846	96.6	2.5	0.6
1150	8/16/2015 09:31:11	20.10	51.63	34.00	7.17	7.91	4.2	1.936	96.5	2.3	0.5
1151	8/16/2015 09:46:11	19.94	51.57	33.96	7.23	7.91	4.2	2.030	97.0	2.7	0.6
1152	8/16/2015 10:01:11	19.91	51.53	33.93	7.24	7.91	4.2	2.131	97.1	2.9	0.7
1153	8/16/2015 10:16:11	19.95	51.48	33.90	7.23	7.91	4.1	2.220	97.0	2.9	0.7
1154	8/16/2015 10:31:11	19.95	51.49	33.90	7.22	7.91	4.5	2.304	96.9	2.6	0.6
1155	8/16/2015 10:46:11	19.84	51.45	33.87	7.25	7.91	4.4	2.404	97.1	2.6	0.6
1156	8/16/2015 11:01:11	19.75	51.44	33.87	7.24	7.91	5.6	2.502	96.8	2.2	0.5
1157	8/16/2015 11:16:11	19.61	51.32	33.78	7.33	7.91	5.4	2.581	97.7	2.5	0.6
1158	8/16/2015 11:31:11	19.39	51.30	33.76	7.41	7.91	6.2	2.676	98.3	2.5	0.6
1159	8/16/2015 11:46:11	19.18	51.27	33.74	7.47	7.91	6.6	2.765	98.7	2.4	0.6
1160	8/16/2015 12:01:11	19.05	51.23	33.71	7.56	7.92	7.3	2.858	99.6	2.4	0.6
1161	8/16/2015 12:16:11	18.87	51.28	33.75	7.63	7.93	7.9	2.940	100.2	3.1	0.7
1162	8/16/2015 12:31:11	18.50	51.05	33.58	7.80	7.94	8.5	3.018	101.8	3.6	0.8
1163	8/16/2015 12:46:11	18.11	51.14	33.64	7.94	7.95	8.3	3.106	102.8	3.3	0.8
1164	8/16/2015 13:01:11	17.65	51.01	33.55	8.04	7.95	7.1	3.180	103.1	3.0	0.7
1165	8/16/2015 13:16:11	17.15	50.91	33.47	8.19	7.96	7.3	3.264	104.0	3.8	0.9
1166	8/16/2015 13:31:11	16.91	50.91	33.47	8.26	7.97	6.2	3.331	104.4	3.8	0.9
1167	8/16/2015 13:46:11	16.69	50.84	33.41	8.30	7.98	5.0	3.394	104.4	3.7	0.9
1168	8/16/2015 14:01:11	16.56	50.80	33.38	8.32	7.98	4.0	3.432	104.4	3.3	0.8
1169	8/16/2015 14:16:11	16.52	50.80	33.38	8.28	7.98	2.8	3.460	103.9	3.7	0.9
1170	8/16/2015 14:31:11	16.49	50.82	33.39	8.08	7.97	2.5	3.483	101.3	2.6	0.6
1171	8/16/2015 14:46:11	16.53	50.88	33.44	8.15	7.98	3.2	3.457	102.3	2.8	0.7
1172	8/16/2015 15:01:11	16.57	50.87	33.43	8.15	7.98	3.5	3.428	102.4	2.9	0.7
1173	8/16/2015 15:16:11	16.78	50.95	33.49	8.15	7.98	4.4	3.362	102.7	2.9	0.7
1174	8/16/2015 15:31:11	17.32	50.98	33.52	8.28	7.99	5.6	3.301	105.5	3.6	0.8
1175	8/16/2015 15:46:11	17.72	50.92	33.48	8.52	8.00	4.9	3.220	109.3	2.7	0.6
1176	8/16/2015 16:01:11	17.82	50.98	33.53	8.42	7.99	6.4	3.112	108.3	3.1	0.7
1177	8/16/2015 16:16:11	18.51	51.20	33.69	8.36	7.99	7.2	3.036	109.1	3.5	0.8
1178	8/16/2015 16:31:11	19.04	51.16	33.66	8.40	8.00	8.9	2.946	110.7	3.5	0.8
1179	8/16/2015 16:46:11	19.41	51.22	33.71	8.39	8.00	6.0	2.860	111.3	3.0	0.7
1180	8/16/2015 17:01:11	19.50	51.22	33.71	8.52	8.01	6.1	2.769	113.3	2.9	0.7
1181	8/16/2015 17:16:11	20.00	51.31	33.77	8.53	8.01	7.1	2.684	114.4	3.4	0.8
1182	8/16/2015 17:31:11	19.96	51.33	33.78	8.72	8.02	6.6	2.604	117.0	2.9	0.7
1183	8/16/2015 17:46:11	20.06	51.35	33.80	8.94	8.03	5.4	2.514	120.1	6.1	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	Fluorescence %FS
1184	8/16/2015 18:01:11	20.07	51.40	33.84	8.93	8.04	5.4	2.430	120.0	2.8	0.7
1185	8/16/2015 18:16:11	19.64	51.19	33.68	9.21	8.06	5.4	2.347	122.7	2.7	0.6
1186	8/16/2015 18:31:11	19.97	51.25	33.73	9.15	8.05	5.4	2.286	122.7	3.2	0.8
1187	8/16/2015 18:46:11	20.11	51.32	33.78	9.00	8.05	4.8	2.212	121.1	2.8	0.7
1188	8/16/2015 19:01:11	19.91	51.21	33.70	9.31	8.06	5.5	2.130	124.7	3.4	0.8
1189	8/16/2015 19:16:11	19.99	51.25	33.72	9.13	8.06	5.1	2.100	122.4	3.7	0.9
1190	8/16/2015 19:31:11	20.23	51.33	33.78	8.92	8.04	4.3	2.046	120.3	3.8	0.9
1191	8/16/2015 19:46:11	20.38	51.35	33.80	8.93	8.05	3.7	2.028	120.8	9.6	2.3
1192	8/16/2015 20:01:10	20.55	51.32	33.78	8.91	8.04	3.7	2.007	120.7	3.6	0.8
1193	8/16/2015 20:16:10	20.92	51.37	33.81	8.77	8.03	3.4	2.023	119.8	3.9	0.9
1194	8/16/2015 20:31:10	20.93	51.49	33.90	8.94	8.04	3.7	2.085	122.2	3.8	0.9
1195	8/16/2015 20:46:11	20.91	51.54	33.93	8.83	8.03	3.9	2.094	120.6	3.8	0.9
1196	8/16/2015 21:01:11	21.03	51.61	33.99	8.84	8.03	4.4	2.175	121.0	3.4	0.8
1197	8/16/2015 21:16:11	20.84	51.53	33.93	8.79	8.03	4.8	2.255	119.9	3.8	0.9
1198	8/16/2015 21:31:11	21.16	51.57	33.96	8.32	8.00	8.1	2.321	114.2	4.4	1.0
1199	8/16/2015 21:46:11	20.93	51.50	33.91	8.30	7.99	7.1	2.404	113.3	4.1	1.0
1200	8/16/2015 22:01:11	20.64	51.41	33.84	8.37	7.99	5.7	2.486	113.7	4.2	1.0
1201	8/16/2015 22:16:11	20.60	51.42	33.85	8.38	7.99	6.0	2.565	113.8	3.8	0.9
1202	8/16/2015 22:31:10	20.08	51.21	33.70	8.22	7.98	5.1	2.641	110.4	3.4	0.8
1203	8/16/2015 22:46:10	19.71	51.27	33.74	7.97	7.95	5.3	2.714	106.3	3.6	0.8
1204	8/16/2015 23:01:11	19.47	51.15	33.65	7.93	7.95	5.5	2.796	105.3	3.9	0.9
1205	8/16/2015 23:16:11	19.11	51.06	33.59	7.94	7.95	5.0	2.877	104.7	3.9	0.9
1206	8/16/2015 23:31:11	18.90	51.13	33.64	7.95	7.96	5.8	2.950	104.4	3.2	0.7
1207	8/16/2015 23:46:11	18.48	51.06	33.59	7.98	7.96	6.7	3.024	104.0	3.5	0.8
1208	8/17/2015 00:01:11	18.30	50.90	33.47	7.99	7.96	5.6	3.101	103.8	3.1	0.7
1209	8/17/2015 00:16:11	18.13	50.96	33.51	7.99	7.96	6.7	3.184	103.5	3.2	0.8
1210	8/17/2015 00:31:12	17.67	51.06	33.58	8.05	7.97	6.2	3.247	103.3	3.6	0.8
1211	8/17/2015 00:46:11	17.28	50.84	33.42	8.08	7.97	6.2	3.327	102.8	3.8	0.9
1212	8/17/2015 01:01:11	16.94	50.82	33.40	8.11	7.97	5.4	3.389	102.6	3.3	0.8
1213	8/17/2015 01:16:12	16.74	50.82	33.39	8.08	7.97	4.0	3.439	101.8	3.7	0.9
1214	8/17/2015 01:31:11	16.51	50.89	33.44	8.11	7.97	3.6	3.481	101.6	3.2	0.7
1215	8/17/2015 01:46:11	16.60	50.48	33.14	8.11	7.97	3.3	3.507	101.6	3.9	0.9
1216	8/17/2015 02:01:11	17.21	50.82	33.40	7.80	7.95	4.5	3.524	99.2	3.6	0.9
1217	8/17/2015 02:16:11	16.45	50.84	33.41	7.92	7.95	2.8	3.520	99.2	2.3	0.5
1218	8/17/2015 02:31:11	16.45	50.77	33.36	7.95	7.96	3.8	3.480	99.6	2.4	0.6
1219	8/17/2015 02:46:11	17.20	51.04	33.56	7.73	7.95	5.1	3.432	98.3	3.4	0.8
1220	8/17/2015 03:01:11	17.51	51.06	33.58	7.74	7.95	6.2	3.380	99.0	3.2	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
1221	8/17/2015 03:16:11	17.56	51.00	33.54	7.80	7.95	5.6	3.294	99.9	3.1	0.7
1222	8/17/2015 03:31:11	17.67	51.06	33.58	7.83	7.95	5.9	3.201	100.5	3.1	0.7
1223	8/17/2015 03:46:11	17.71	51.13	33.64	7.81	7.95	6.2	3.125	100.3	2.9	0.7
1224	8/17/2015 04:01:11	18.13	51.15	33.65	7.64	7.94	6.0	3.031	99.0	3.1	0.7
1225	8/17/2015 04:16:11	18.32	51.02	33.56	7.65	7.95	5.1	2.937	99.4	2.9	0.7
1226	8/17/2015 04:31:11	18.70	51.28	33.75	7.50	7.94	5.7	2.830	98.3	3.1	0.7
1227	8/17/2015 04:46:11	18.99	51.38	33.83	7.26	7.92	6.0	2.735	95.7	3.3	0.8
1228	8/17/2015 05:01:11	19.26	51.34	33.79	7.15	7.91	6.2	2.645	94.7	3.0	0.7
1229	8/17/2015 05:16:11	19.32	51.48	33.90	7.09	7.91	6.5	2.535	94.0	2.8	0.6
1230	8/17/2015 05:31:11	19.33	51.22	33.71	7.04	7.91	6.6	2.426	93.3	2.8	0.7
1231	8/17/2015 05:46:11	19.37	51.45	33.87	7.13	7.91	6.2	2.316	94.6	3.5	0.8
1232	8/17/2015 06:01:11	19.23	51.48	33.90	7.15	7.91	6.6	2.233	94.7	2.6	0.6
1233	8/17/2015 06:16:11	19.20	51.41	33.85	7.11	7.91	7.0	2.115	94.0	3.2	0.8
1234	8/17/2015 06:31:11	19.06	51.32	33.78	7.01	7.90	7.1	2.001	92.5	3.1	0.7
1235	8/17/2015 06:46:11	19.23	51.37	33.82	7.05	7.90	6.0	1.901	93.3	2.4	0.6
1236	8/17/2015 07:01:11	19.18	51.32	33.78	6.93	7.89	5.5	1.812	91.6	2.7	0.6
1237	8/17/2015 07:16:11	19.27	51.38	33.83	6.88	7.89	5.0	1.742	91.1	3.1	0.7
1238	8/17/2015 07:31:11	19.34	51.40	33.84	6.88	7.89	4.8	1.644	91.3	2.5	0.6
1239	8/17/2015 07:46:11	19.51	51.55	33.95	6.87	7.89	4.4	1.600	91.5	2.8	0.7
1240	8/17/2015 08:01:11	19.75	51.55	33.95	6.88	7.90	4.2	1.593	92.0	2.6	0.6
1241	8/17/2015 08:16:11	19.78	51.50	33.91	6.79	7.89	3.5	1.546	90.8	2.6	0.6
1242	8/17/2015 08:31:11	19.85	51.59	33.98	6.98	7.90	3.7	1.586	93.5	2.3	0.5
1243	8/17/2015 08:46:11	19.74	51.57	33.96	7.00	7.91	3.5	1.633	93.7	2.2	0.5
1244	8/17/2015 09:01:11	19.82	51.59	33.98	7.02	7.91	3.6	1.664	94.1	3.1	0.7
1245	8/17/2015 09:16:11	19.88	51.60	33.98	7.09	7.92	3.6	1.734	95.0	2.5	0.6
1246	8/17/2015 09:31:11	19.87	51.50	33.91	7.11	7.92	3.7	1.808	95.2	3.0	0.7
1247	8/17/2015 09:46:11	19.81	51.56	33.96	7.14	7.92	3.7	1.915	95.5	2.9	0.7
1248	8/17/2015 10:01:11	19.65	51.50	33.91	7.13	7.91	4.9	1.990	95.2	2.1	0.5
1249	8/17/2015 10:16:11	19.58	51.49	33.91	7.13	7.91	4.5	2.081	95.0	2.9	0.7
1250	8/17/2015 10:31:11	19.49	51.43	33.86	7.18	7.91	4.3	2.164	95.5	2.9	0.7
1251	8/17/2015 10:46:12	19.52	51.49	33.90	7.20	7.91	4.5	2.255	95.8	2.4	0.6
1252	8/17/2015 11:01:11	19.55	51.36	33.81	7.19	7.91	4.6	2.351	95.7	2.9	0.7
1253	8/17/2015 11:16:11	19.61	51.51	33.92	7.18	7.91	4.7	2.431	95.8	2.5	0.6
1254	8/17/2015 11:31:11	19.53	51.41	33.84	7.20	7.91	5.1	2.535	95.8	2.9	0.7
1255	8/17/2015 11:46:11	19.40	51.30	33.76	7.30	7.91	5.8	2.607	96.8	2.8	0.7
1256	8/17/2015 12:01:11	19.19	51.31	33.77	7.35	7.92	5.7	2.694	97.2	3.3	0.8
1257	8/17/2015 12:16:12	18.93	51.24	33.72	7.39	7.92	6.5	2.782	97.2	2.9	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
1258	8/17/2015 12:31:12	18.78	51.23	33.71	7.45	7.92	7.6	2.862	97.7	2.6	0.6
1259	8/17/2015 12:46:12	18.64	51.13	33.64	7.49	7.93	7.3	2.942	98.0	3.0	0.7
1260	8/17/2015 13:01:12	18.24	51.16	33.66	7.65	7.93	8.5	3.025	99.3	2.7	0.6
1261	8/17/2015 13:16:11	17.94	50.95	33.50	7.75	7.94	7.0	3.110	99.9	2.8	0.7
1262	8/17/2015 13:31:11	17.51	50.99	33.53	7.85	7.94	8.5	3.188	100.4	3.4	0.8
1263	8/17/2015 13:46:11	17.07	50.86	33.43	7.95	7.95	8.4	3.263	100.8	3.9	0.9
1264	8/17/2015 14:01:11	16.84	50.88	33.44	7.98	7.95	6.3	3.325	100.8	3.6	0.8
1265	8/17/2015 14:16:11	16.71	50.88	33.44	8.00	7.96	5.1	3.386	100.7	3.6	0.9
1266	8/17/2015 14:31:11	16.61	50.86	33.42	8.04	7.96	3.5	3.431	101.0	3.6	0.8
1267	8/17/2015 14:46:11	16.56	50.81	33.39	8.02	7.96	3.6	3.455	100.6	3.0	0.7
1268	8/17/2015 15:01:11	16.67	50.90	33.45	7.87	7.95	2.7	3.464	99.0	2.7	0.6
1269	8/17/2015 15:16:11	16.52	50.69	33.30	7.88	7.95	3.1	3.460	98.7	2.3	0.5
1270	8/17/2015 15:31:11	16.65	50.76	33.35	7.86	7.95	3.7	3.413	98.7	2.6	0.6
1271	8/17/2015 15:46:11	16.83	50.73	33.33	7.82	7.95	4.3	3.359	98.6	2.1	0.5
1272	8/17/2015 16:01:11	17.78	50.91	33.47	8.03	7.97	6.0	3.287	103.2	3.2	0.8
1273	8/17/2015 16:16:11	17.77	50.82	33.41	8.24	7.98	4.9	3.204	105.9	2.5	0.6
1274	8/17/2015 16:31:11	17.91	50.89	33.46	8.15	7.97	5.4	3.122	105.0	3.3	0.8
1275	8/17/2015 16:46:11	18.85	51.07	33.59	8.18	7.98	5.7	3.035	107.3	3.2	0.7
1276	8/17/2015 17:01:11	19.06	51.18	33.67	8.33	7.99	6.8	2.944	109.8	3.2	0.7
1277	8/17/2015 17:16:11	19.30	51.23	33.71	8.38	8.01	6.0	2.853	111.0	3.0	0.7
1278	8/17/2015 17:31:11	19.54	51.19	33.69	8.44	8.01	5.2	2.777	112.3	3.3	0.8
1279	8/17/2015 17:46:11	19.85	51.32	33.78	8.49	8.01	5.2	2.705	113.6	3.3	0.8
1280	8/17/2015 18:01:11	20.12	51.31	33.77	8.59	8.02	5.6	2.610	115.6	2.8	0.7
1281	8/17/2015 18:16:11	20.15	51.33	33.78	8.73	8.03	5.2	2.518	117.5	3.3	0.8
1282	8/17/2015 18:31:10	20.21	51.21	33.69	8.75	8.03	4.9	2.450	117.8	3.2	0.8
1283	8/17/2015 18:46:11	20.23	51.40	33.83	8.84	8.03	4.9	2.377	119.1	3.2	0.8
1284	8/17/2015 19:01:11	20.26	51.37	33.82	8.74	8.03	4.6	2.289	118.0	3.2	0.8
1285	8/17/2015 19:16:11	20.09	51.26	33.73	9.04	8.04	5.0	2.216	121.5	3.1	0.7
1286	8/17/2015 19:31:11	20.02	51.17	33.66	8.99	8.04	4.6	2.169	120.6	3.0	0.7
1287	8/17/2015 19:46:12	20.02	51.33	33.79	8.85	8.03	4.5	2.115	118.8	3.4	0.8
1288	8/17/2015 20:01:11	20.05	51.25	33.73	8.84	8.03	4.2	2.049	118.8	3.7	0.9
1289	8/17/2015 20:16:11	19.99	51.30	33.76	8.95	8.04	4.3	2.034	120.0	3.9	0.9
1290	8/17/2015 20:31:11	20.32	51.32	33.77	8.88	8.03	3.6	2.024	119.9	3.9	0.9
1291	8/17/2015 20:46:11	20.50	51.44	33.86	8.78	8.02	3.5	2.025	118.9	4.2	1.0
1292	8/17/2015 21:01:11	20.47	51.47	33.89	8.85	8.03	3.7	2.037	119.9	3.7	0.9
1293	8/17/2015 21:16:11	20.32	51.45	33.87	8.75	8.02	3.6	2.083	118.1	4.0	0.9
1294	8/17/2015 21:31:11	20.60	51.48	33.89	8.83	8.03	4.0	2.144	119.9	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	Fluorescence %FS
1295	8/17/2015 21:46:11	20.54	51.36	33.81	8.79	8.02	4.2	2.196	119.2	4.1	1.0
1296	8/17/2015 22:01:11	20.72	51.35	33.80	8.44	8.00	6.5	2.278	114.7	4.7	1.1
1297	8/17/2015 22:16:11	20.81	51.47	33.88	8.23	7.98	7.0	2.336	112.1	4.2	1.0
1298	8/17/2015 22:31:11	20.57	51.40	33.83	8.27	7.98	5.8	2.428	112.2	4.0	0.9
1299	8/17/2015 22:46:11	20.40	51.42	33.85	8.30	7.98	5.5	2.499	112.2	4.2	1.0
1300	8/17/2015 23:01:11	20.23	51.36	33.81	8.35	7.99	5.2	2.569	112.5	4.1	1.0
1301	8/17/2015 23:16:11	19.84	51.08	33.60	8.16	7.97	4.8	2.649	109.1	3.4	0.8
1302	8/17/2015 23:31:11	19.45	51.23	33.72	7.95	7.95	4.6	2.719	105.6	3.4	0.8
1303	8/17/2015 23:46:11	19.26	51.14	33.64	7.86	7.94	4.7	2.790	104.0	3.5	0.8
1304	8/18/2015 00:01:12	18.98	51.11	33.63	7.83	7.94	5.2	2.856	103.1	3.6	0.8
1305	8/18/2015 00:16:11	18.75	51.11	33.62	7.82	7.94	5.5	2.937	102.5	3.4	0.8
1306	8/18/2015 00:31:11	18.37	50.98	33.53	7.86	7.94	5.6	3.003	102.2	3.7	0.9
1307	8/18/2015 00:46:11	18.20	50.81	33.40	7.86	7.95	5.1	3.073	101.8	3.2	0.7
1308	8/18/2015 01:01:11	18.05	50.91	33.48	7.85	7.95	4.8	3.151	101.4	3.5	0.8
1309	8/18/2015 01:16:11	17.79	50.97	33.51	7.88	7.95	5.2	3.212	101.4	3.4	0.8
1310	8/18/2015 01:31:12	17.36	50.86	33.43	7.93	7.95	4.5	3.283	101.1	3.0	0.7
1311	8/18/2015 01:46:11	17.14	50.81	33.39	7.92	7.95	4.5	3.329	100.5	3.2	0.7
1312	8/18/2015 02:01:11	16.96	50.94	33.49	7.94	7.95	4.2	3.374	100.5	2.8	0.7
1313	8/18/2015 02:16:11	16.76	50.91	33.46	7.95	7.95	3.4	3.420	100.2	3.3	0.8
1314	8/18/2015 02:31:11	16.72	50.84	33.41	7.80	7.95	2.6	3.435	98.2	3.3	0.8
1315	8/18/2015 02:46:11	17.12	50.90	33.46	7.71	7.94	2.9	3.446	97.8	2.7	0.6
1316	8/18/2015 03:01:11	16.84	50.72	33.32	7.68	7.94	2.8	3.433	96.8	2.5	0.6
1317	8/18/2015 03:16:12	16.91	50.84	33.41	7.68	7.94	2.9	3.401	97.1	2.4	0.6
1318	8/18/2015 03:31:11	17.91	51.01	33.55	7.36	7.93	5.9	3.346	94.9	2.9	0.7
1319	8/18/2015 03:46:11	17.79	51.04	33.57	7.41	7.93	7.0	3.282	95.4	3.3	0.8
1320	8/18/2015 04:01:11	17.86	51.05	33.58	7.61	7.94	4.9	3.210	98.0	2.9	0.7
1321	8/18/2015 04:16:11	17.68	51.03	33.56	7.64	7.94	5.0	3.124	98.0	2.5	0.6
1322	8/18/2015 04:31:11	18.10	51.08	33.60	7.54	7.94	5.4	3.035	97.6	3.1	0.7
1323	8/18/2015 04:46:10	18.33	51.09	33.61	7.42	7.93	5.3	2.953	96.5	3.0	0.7
1324	8/18/2015 05:01:11	18.61	51.21	33.70	7.28	7.92	5.4	2.859	95.2	3.2	0.8
1325	8/18/2015 05:16:11	18.79	51.28	33.75	7.27	7.92	5.0	2.776	95.5	2.5	0.6
1326	8/18/2015 05:31:11	19.11	51.39	33.83	7.04	7.91	5.5	2.686	93.0	2.7	0.6
1327	8/18/2015 05:46:11	19.30	51.33	33.79	7.09	7.91	5.4	2.597	94.0	3.1	0.7
1328	8/18/2015 06:01:11	19.33	51.36	33.81	6.98	7.90	5.6	2.503	92.6	3.1	0.7
1329	8/18/2015 06:16:11	19.38	51.33	33.78	7.05	7.91	5.7	2.426	93.6	2.9	0.7
1330	8/18/2015 06:31:11	19.20	51.37	33.82	6.84	7.89	6.0	2.325	90.5	3.2	0.8
1331	8/18/2015 06:46:11	19.30	51.29	33.76	6.94	7.90	5.6	2.224	91.9	2.7	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
1332	8/18/2015 07:01:11	19.23	51.28	33.75	6.84	7.89	5.6	2.126	90.5	2.8	0.7
1333	8/18/2015 07:16:11	19.10	51.36	33.81	6.81	7.88	5.6	2.045	90.0	3.0	0.7
1334	8/18/2015 07:31:11	19.12	51.24	33.72	6.79	7.88	4.8	1.980	89.7	2.8	0.6
1335	8/18/2015 07:46:12	19.15	51.30	33.77	6.81	7.88	4.8	1.889	90.0	2.8	0.7
1336	8/18/2015 08:01:11	19.14	51.34	33.79	6.75	7.88	4.5	1.834	89.2	2.6	0.6
1337	8/18/2015 08:16:12	19.25	51.40	33.84	6.77	7.88	3.9	1.803	89.6	2.8	0.7
1338	8/18/2015 08:31:11	19.47	51.35	33.80	6.80	7.89	3.5	1.757	90.4	2.8	0.7
1339	8/18/2015 08:46:11	19.63	51.36	33.81	6.79	7.88	3.0	1.761	90.5	2.6	0.6
1340	8/18/2015 09:01:11	19.78	51.42	33.85	6.95	7.90	3.2	1.780	93.0	2.7	0.6
1341	8/18/2015 09:16:11	19.75	51.48	33.89	6.98	7.91	3.3	1.801	93.4	2.6	0.6
1342	8/18/2015 09:31:12	19.70	51.39	33.83	6.99	7.91	3.2	1.860	93.3	2.6	0.6
1343	8/18/2015 09:46:11	19.75	51.51	33.92	7.03	7.91	3.4	1.921	93.9	2.6	0.6
1344	8/18/2015 10:01:11	19.71	51.42	33.85	7.03	7.91	3.9	1.998	93.9	2.8	0.6
1345	8/18/2015 10:16:12	19.68	51.48	33.90	7.02	7.91	3.8	2.081	93.8	2.2	0.5
1346	8/18/2015 10:31:11	19.63	51.37	33.82	6.93	7.90	4.8	2.172	92.5	2.5	0.6
1347	8/18/2015 10:46:11	19.55	51.37	33.82	6.93	7.90	5.0	2.245	92.3	3.1	0.7
1348	8/18/2015 11:01:11	19.38	51.43	33.86	7.02	7.90	4.6	2.322	93.2	2.5	0.6
1349	8/18/2015 11:16:11	19.35	51.29	33.76	7.08	7.90	4.4	2.419	93.9	1.9	0.4
1350	8/18/2015 11:31:11	19.36	51.37	33.82	7.09	7.91	4.3	2.490	94.1	2.4	0.6
1351	8/18/2015 11:46:12	19.37	51.36	33.81	7.07	7.91	4.7	2.571	93.8	2.6	0.6
1352	8/18/2015 12:01:12	19.21	51.39	33.83	7.10	7.91	5.1	2.651	94.0	2.8	0.6
1353	8/18/2015 12:16:11	19.02	51.21	33.69	7.18	7.91	5.4	2.737	94.6	2.3	0.5
1354	8/18/2015 12:31:11	18.75	51.11	33.62	7.25	7.91	5.7	2.809	95.0	1.9	0.4
1355	8/18/2015 12:46:11	18.54	51.08	33.60	7.27	7.91	6.2	2.885	94.8	2.4	0.6
1356	8/18/2015 13:01:11	18.36	51.09	33.61	7.33	7.91	6.0	2.978	95.4	2.5	0.6
1357	8/18/2015 13:16:11	18.23	51.04	33.57	7.35	7.92	6.7	3.051	95.3	2.7	0.6
1358	8/18/2015 13:31:12	17.79	50.94	33.49	7.44	7.92	7.6	3.135	95.7	3.1	0.7
1359	8/18/2015 13:46:12	17.49	50.99	33.53	7.49	7.92	7.7	3.214	95.8	2.7	0.6
1360	8/18/2015 14:01:11	17.18	50.84	33.41	7.56	7.92	7.0	3.296	96.0	3.2	0.8
1361	8/18/2015 14:16:11	16.58	50.89	33.44	7.69	7.93	8.0	3.366	96.5	2.8	0.7
1362	8/18/2015 14:31:11	16.30	50.79	33.36	7.72	7.93	5.0	3.426	96.4	2.9	0.7
1363	8/18/2015 14:46:11	16.09	50.76	33.34	7.77	7.94	6.2	3.481	96.6	2.5	0.6
1364	8/18/2015 15:01:11	16.11	50.64	33.25	7.77	7.94	3.4	3.512	96.6	2.7	0.6
1365	8/18/2015 15:16:11	15.96	50.80	33.37	7.74	7.94	2.7	3.547	96.0	2.1	0.5
1366	8/18/2015 15:31:11	15.97	50.81	33.38	7.52	7.91	2.2	3.545	93.3	2.5	0.6
1367	8/18/2015 15:46:11	16.09	50.75	33.34	7.58	7.93	3.3	3.519	94.3	2.3	0.5
1368	8/18/2015 16:01:11	16.11	50.78	33.36	7.56	7.93	3.8	3.493	94.1	2.2	0.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
1369	8/18/2015 16:16:11	16.39	50.76	33.35	7.56	7.93	3.8	3.436	94.5	2.3	0.5
1370	8/18/2015 16:31:12	17.25	50.93	33.48	7.68	7.95	6.0	3.365	97.8	2.7	0.6
1371	8/18/2015 16:46:11	17.32	50.90	33.46	7.80	7.95	5.1	3.278	99.4	2.6	0.6
1372	8/18/2015 17:01:11	17.28	50.75	33.35	7.73	7.95	7.8	3.202	98.3	2.6	0.6
1373	8/18/2015 17:16:11	18.06	50.90	33.46	7.59	7.94	6.5	3.121	98.0	3.0	0.7
1374	8/18/2015 17:31:11	18.38	51.06	33.58	7.56	7.94	5.9	3.026	98.3	3.3	0.8
1375	8/18/2015 17:46:11	18.51	51.10	33.62	7.55	7.94	4.9	2.940	98.5	3.5	0.8
1376	8/18/2015 18:01:11	18.71	51.11	33.62	7.52	7.94	4.9	2.855	98.5	3.4	0.8
1377	8/18/2015 18:16:11	18.95	51.24	33.72	7.47	7.93	4.8	2.779	98.3	3.6	0.8
1378	8/18/2015 18:31:11	19.22	51.27	33.74	7.44	7.93	5.0	2.695	98.4	4.0	0.9
1379	8/18/2015 18:46:11	19.27	51.29	33.76	7.39	7.93	5.4	2.605	97.9	3.9	0.9
1380	8/18/2015 19:01:12	19.28	51.23	33.72	7.40	7.92	4.9	2.543	97.9	3.5	0.8
1381	8/18/2015 19:16:11	19.24	51.28	33.75	7.39	7.92	4.6	2.461	97.7	3.5	0.8
1382	8/18/2015 19:31:11	19.28	51.19	33.68	7.36	7.92	4.8	2.374	97.5	3.4	0.8
1383	8/18/2015 19:46:11	19.21	51.21	33.70	7.31	7.91	4.8	2.308	96.7	3.5	0.8
1384	8/18/2015 20:01:11	19.16	51.30	33.77	7.30	7.91	4.4	2.251	96.5	4.1	1.0
1385	8/18/2015 20:16:11	19.08	51.25	33.72	7.34	7.92	4.5	2.185	96.8	3.7	0.9
1386	8/18/2015 20:31:11	19.18	51.31	33.78	7.27	7.91	4.4	2.125	96.1	4.4	1.0
1387	8/18/2015 20:46:11	19.12	51.23	33.71	7.28	7.91	3.9	2.104	96.1	4.3	1.0
1388	8/18/2015 21:01:11	19.11	51.30	33.76	7.23	7.91	4.1	2.077	95.5	4.1	1.0
1389	8/18/2015 21:16:11	19.25	51.33	33.79	7.10	7.90	3.6	2.070	94.0	4.8	1.1
1390	8/18/2015 21:31:11	19.33	51.41	33.85	7.17	7.90	3.5	2.077	95.1	4.7	1.1
1391	8/18/2015 21:46:11	19.25	51.24	33.72	7.23	7.91	3.6	2.102	95.6	3.9	0.9
1392	8/18/2015 22:01:11	19.39	51.27	33.75	7.18	7.91	3.5	2.154	95.3	4.2	1.0
1393	8/18/2015 22:16:11	19.51	51.45	33.88	7.21	7.92	3.6	2.182	96.0	4.0	0.9
1394	8/18/2015 22:31:11	19.46	51.20	33.69	7.22	7.91	3.6	2.252	95.9	3.8	0.9
1395	8/18/2015 22:46:11	19.48	51.21	33.70	7.23	7.91	4.3	2.334	96.1	3.6	0.8
1396	8/18/2015 23:01:11	19.37	51.36	33.81	7.22	7.91	4.6	2.399	95.8	3.6	0.8
1397	8/18/2015 23:16:12	19.22	51.33	33.78	7.22	7.91	4.5	2.461	95.5	3.8	0.9
1398	8/18/2015 23:31:11	19.18	51.21	33.70	7.23	7.91	4.3	2.540	95.6	3.6	0.8
1399	8/18/2015 23:46:11	19.30	51.26	33.73	7.26	7.91	4.3	2.611	96.1	4.3	1.0
1400	8/19/2015 00:01:11	19.23	51.32	33.78	7.26	7.91	4.4	2.672	96.1	3.9	0.9
1401	8/19/2015 00:16:11	18.88	51.17	33.67	7.26	7.91	4.2	2.738	95.4	3.8	0.9
1402	8/19/2015 00:31:11	18.69	51.17	33.67	7.26	7.91	3.8	2.809	95.1	3.5	0.8
1403	8/19/2015 00:46:11	18.53	51.10	33.62	7.28	7.91	4.3	2.877	95.0	3.2	0.8
1404	8/19/2015 01:01:12	18.29	51.08	33.60	7.29	7.91	4.2	2.938	94.7	3.3	0.8
1405	8/19/2015 01:16:12	18.11	50.97	33.52	7.33	7.91	4.5	3.003	94.8	3.4	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
1406	8/19/2015 01:31:12	17.85	50.93	33.49	7.36	7.91	4.2	3.073	94.7	3.3	0.8
1407	8/19/2015 01:46:12	17.72	50.90	33.46	7.36	7.91	4.3	3.137	94.5	2.9	0.7
1408	8/19/2015 02:01:12	17.60	51.00	33.54	7.35	7.92	4.0	3.192	94.2	2.8	0.7
1409	8/19/2015 02:16:11	17.36	50.95	33.50	7.42	7.92	4.0	3.256	94.7	3.3	0.8
1410	8/19/2015 02:31:11	17.10	50.84	33.41	7.51	7.92	3.6	3.302	95.2	2.6	0.6
1411	8/19/2015 02:46:11	16.93	50.68	33.29	7.53	7.92	3.2	3.340	95.1	2.9	0.7
1412	8/19/2015 03:01:11	18.24	50.73	33.34	6.55	7.85	7.6	3.367	84.9	4.2	1.0
1413	8/19/2015 03:16:11	17.48	50.92	33.48	7.12	7.89	3.6	3.388	91.0	2.5	0.6
1414	8/19/2015 03:31:11	17.12	50.83	33.41	7.14	7.89	2.7	3.377	90.5	2.4	0.6
1415	8/19/2015 03:46:11	17.05	50.82	33.40	7.25	7.91	3.2	3.350	91.9	2.2	0.5
1416	8/19/2015 04:01:11	17.38	51.01	33.55	7.04	7.89	3.7	3.328	89.9	2.3	0.5
1417	8/19/2015 04:16:11	17.63	50.98	33.53	6.81	7.87	5.7	3.262	87.3	2.9	0.7
1418	8/19/2015 04:31:11	17.52	50.97	33.51	7.10	7.90	5.0	3.195	90.9	2.6	0.6
1419	8/19/2015 04:46:11	17.43	50.92	33.48	7.22	7.91	5.6	3.118	92.2	2.6	0.6
1420	8/19/2015 05:01:11	17.50	50.98	33.52	7.21	7.91	5.7	3.042	92.1	2.8	0.7
1421	8/19/2015 05:16:11	17.92	51.09	33.60	7.01	7.90	5.4	2.967	90.4	2.8	0.7
1422	8/19/2015 05:31:12	18.14	51.05	33.58	6.88	7.89	4.8	2.877	89.0	3.0	0.7
1423	8/19/2015 05:46:12	18.31	51.17	33.67	6.69	7.87	5.9	2.800	87.0	2.9	0.7
1424	8/19/2015 06:01:11	18.49	50.96	33.51	6.54	7.86	5.7	2.721	85.3	3.1	0.7
1425	8/19/2015 06:16:11	18.57	51.16	33.66	6.33	7.84	5.7	2.639	82.7	3.0	0.7
1426	8/19/2015 06:31:11	18.61	51.25	33.73	6.25	7.83	5.7	2.568	81.7	2.8	0.7
1427	8/19/2015 06:46:11	18.62	51.14	33.65	6.16	7.82	5.6	2.481	80.5	3.1	0.7
1428	8/19/2015 07:01:11	18.62	51.22	33.71	6.10	7.82	5.1	2.406	79.8	2.7	0.6
1429	8/19/2015 07:16:11	18.64	51.20	33.69	6.14	7.82	4.6	2.326	80.3	2.9	0.7
1430	8/19/2015 07:31:11	18.60	51.25	33.72	6.10	7.82	5.0	2.242	79.7	2.6	0.6
1431	8/19/2015 07:46:12	18.51	51.20	33.69	6.10	7.82	4.8	2.175	79.6	3.3	0.8
1432	8/19/2015 08:01:11	18.32	51.16	33.66	6.16	7.82	4.6	2.096	80.1	2.7	0.6
1433	8/19/2015 08:16:11	18.42	51.12	33.63	6.16	7.82	4.2	2.048	80.2	3.1	0.7
1434	8/19/2015 08:31:11	18.44	51.13	33.64	6.16	7.82	3.8	1.989	80.2	2.9	0.7
1435	8/19/2015 08:46:11	18.56	51.27	33.74	6.19	7.82	4.0	1.961	80.9	2.6	0.6
1436	8/19/2015 09:01:11	18.69	51.19	33.68	6.14	7.81	3.5	1.950	80.4	2.8	0.7
1437	8/19/2015 09:16:11	18.78	51.25	33.73	6.01	7.80	3.3	1.929	78.8	2.1	0.5
1438	8/19/2015 09:31:11	18.83	51.37	33.82	6.17	7.82	2.9	1.959	81.1	3.3	0.8
1439	8/19/2015 09:46:11	18.93	51.22	33.71	6.14	7.83	3.1	1.997	80.8	2.9	0.7
1440	8/19/2015 10:01:11	18.90	51.29	33.76	6.17	7.83	3.4	2.025	81.1	2.9	0.7
1441	8/19/2015 10:16:12	18.95	51.40	33.84	6.17	7.83	3.5	2.087	81.3	2.7	0.6
1442	8/19/2015 10:31:12	18.94	51.25	33.73	6.14	7.83	4.1	2.165	80.7	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	Fluorescence %FS
1443	8/19/2015 10:46:12	18.95	51.32	33.78	6.18	7.83	4.1	2.235	81.3	2.0	0.5
1444	8/19/2015 11:01:12	18.95	51.35	33.80	6.10	7.83	4.6	2.294	80.4	3.0	0.7
1445	8/19/2015 11:16:11	18.96	51.42	33.85	6.11	7.82	5.5	2.379	80.5	2.7	0.6
1446	8/19/2015 11:31:12	18.87	51.31	33.77	6.19	7.83	5.5	2.456	81.4	3.1	0.7
1447	8/19/2015 11:46:11	18.75	51.28	33.75	6.29	7.84	4.9	2.516	82.5	3.3	0.8
1448	8/19/2015 12:01:12	18.69	51.20	33.69	6.42	7.85	4.6	2.593	84.1	2.9	0.7
1449	8/19/2015 12:16:11	18.74	51.14	33.65	6.49	7.85	5.2	2.668	85.0	2.7	0.6
1450	8/19/2015 12:31:12	18.69	51.15	33.65	6.53	7.85	5.2	2.734	85.4	2.6	0.6
1451	8/19/2015 12:46:12	18.49	51.21	33.69	6.66	7.86	5.4	2.805	86.9	2.8	0.6
1452	8/19/2015 13:01:11	18.21	50.99	33.53	6.81	7.87	5.2	2.892	88.3	2.7	0.6
1453	8/19/2015 13:16:11	17.95	50.98	33.53	6.87	7.88	5.6	2.961	88.6	2.4	0.6
1454	8/19/2015 13:31:11	17.81	51.02	33.55	6.93	7.88	6.2	3.035	89.2	2.5	0.6
1455	8/19/2015 13:46:11	17.65	50.93	33.49	7.00	7.89	5.8	3.117	89.8	2.0	0.5
1456	8/19/2015 14:01:11	17.35	50.81	33.40	7.14	7.89	6.6	3.195	91.0	2.4	0.6
1457	8/19/2015 14:16:11	16.97	50.89	33.45	7.28	7.90	6.4	3.270	92.1	2.8	0.7
1458	8/19/2015 14:31:11	16.73	50.78	33.36	7.39	7.91	6.0	3.335	93.0	2.9	0.7
1459	8/19/2015 14:46:11	16.51	50.75	33.34	7.48	7.92	5.5	3.408	93.8	3.7	0.9
1460	8/19/2015 15:01:11	16.22	50.72	33.32	7.61	7.92	4.8	3.460	94.9	2.7	0.6
1461	8/19/2015 15:16:11	16.04	50.68	33.28	7.72	7.93	4.0	3.502	95.8	3.6	0.8
1462	8/19/2015 15:31:11	16.04	50.45	33.11	7.75	7.93	2.8	3.545	96.2	3.2	0.8
1463	8/19/2015 15:46:11	15.92	50.67	33.28	7.69	7.92	2.0	3.557	95.3	3.4	0.8
1464	8/19/2015 16:01:12	16.06	50.60	33.22	7.59	7.91	2.3	3.558	94.3	2.9	0.7
1465	8/19/2015 16:16:11	16.00	50.53	33.17	7.60	7.92	3.2	3.547	94.2	3.0	0.7
1466	8/19/2015 16:31:11	16.07	50.67	33.27	7.56	7.92	2.7	3.503	94.0	2.2	0.5
1467	8/19/2015 16:46:11	16.39	50.61	33.24	7.49	7.92	3.9	3.445	93.6	2.2	0.5
1468	8/19/2015 17:01:11	16.72	50.67	33.29	7.47	7.92	4.3	3.387	93.9	2.3	0.5
1469	8/19/2015 17:16:11	16.85	50.82	33.40	7.62	7.93	4.8	3.307	96.1	3.1	0.7
1470	8/19/2015 17:31:11	16.87	50.67	33.28	7.63	7.93	4.3	3.231	96.3	3.0	0.7
1471	8/19/2015 17:46:11	17.62	50.97	33.52	7.28	7.91	6.3	3.138	93.3	2.6	0.6
1472	8/19/2015 18:01:11	17.80	50.99	33.53	7.22	7.91	4.9	3.063	92.8	3.0	0.7
1473	8/19/2015 18:16:11	17.89	50.98	33.53	7.19	7.90	4.8	2.980	92.6	2.7	0.6
1474	8/19/2015 18:31:11	18.03	51.01	33.54	7.15	7.90	4.6	2.893	92.4	3.2	0.7
1475	8/19/2015 18:46:12	18.36	51.14	33.65	7.07	7.89	4.9	2.814	91.9	3.2	0.8
1476	8/19/2015 19:01:12	18.62	51.08	33.60	6.98	7.89	5.3	2.730	91.3	3.5	0.8
1477	8/19/2015 19:16:12	18.73	51.24	33.72	6.94	7.88	5.1	2.665	90.9	3.5	0.8
1478	8/19/2015 19:31:12	18.77	51.19	33.68	6.93	7.88	4.6	2.579	90.8	4.0	0.9
1479	8/19/2015 19:46:12	18.77	51.23	33.71	6.94	7.88	5.0	2.503	90.9	3.6	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	Fluorescence %FS
1480	8/19/2015 20:01:12	18.77	51.14	33.65	6.92	7.88	5.2	2.430	90.7	3.7	0.9
1481	8/19/2015 20:16:11	18.69	51.17	33.67	6.90	7.87	5.0	2.354	90.3	3.9	0.9
1482	8/19/2015 20:31:12	18.62	51.19	33.68	6.90	7.87	4.6	2.291	90.2	3.6	0.8
1483	8/19/2015 20:46:12	18.59	51.09	33.61	6.83	7.87	4.2	2.220	89.3	3.6	0.8
1484	8/19/2015 21:01:11	18.44	51.10	33.61	6.91	7.87	5.0	2.163	90.0	3.7	0.9
1485	8/19/2015 21:16:12	18.40	51.15	33.65	6.89	7.87	4.5	2.132	89.7	3.7	0.9
1486	8/19/2015 21:31:11	18.39	51.20	33.69	6.83	7.86	4.8	2.088	89.0	4.1	1.0
1487	8/19/2015 21:46:12	18.47	51.14	33.64	6.72	7.86	4.2	2.064	87.6	3.8	0.9
1488	8/19/2015 22:01:12	18.48	51.19	33.69	6.70	7.84	3.8	2.074	87.4	3.9	0.9
1489	8/19/2015 22:16:12	18.56	51.15	33.65	6.77	7.86	3.9	2.084	88.4	4.0	0.9
1490	8/19/2015 22:31:11	18.59	51.24	33.72	6.72	7.86	4.0	2.097	87.8	3.4	0.8
1491	8/19/2015 22:46:11	18.79	51.14	33.65	6.62	7.85	3.8	2.138	86.8	3.4	0.8
1492	8/19/2015 23:01:11	18.79	51.26	33.73	6.66	7.86	3.8	2.190	87.3	3.5	0.8
1493	8/19/2015 23:16:12	18.89	51.28	33.75	6.60	7.85	4.0	2.255	86.7	3.7	0.9
1494	8/19/2015 23:31:11	18.88	51.26	33.73	6.62	7.85	3.8	2.303	87.0	3.7	0.9
1495	8/19/2015 23:46:11	18.89	51.24	33.72	6.63	7.85	4.6	2.370	87.2	4.6	1.1
1496	8/20/2015 00:01:11	18.68	51.15	33.65	6.71	7.86	4.0	2.440	87.8	3.8	0.9
1497	8/20/2015 00:16:12	18.59	51.00	33.54	6.75	7.86	3.8	2.496	88.1	3.7	0.9
1498	8/20/2015 00:31:11	18.60	51.11	33.62	6.72	7.86	4.0	2.550	87.9	3.0	0.7
1499	8/20/2015 00:46:11	18.65	51.22	33.71	6.74	7.86	3.9	2.618	88.1	3.8	0.9
1500	8/20/2015 01:01:11	18.61	51.08	33.60	6.77	7.86	3.8	2.675	88.5	3.8	0.9
1501	8/20/2015 01:16:11	18.49	51.05	33.58	6.80	7.87	3.7	2.731	88.7	3.8	0.9
1502	8/20/2015 01:31:11	18.36	51.07	33.59	6.80	7.87	3.6	2.791	88.4	3.5	0.8
1503	8/20/2015 01:46:11	18.22	50.99	33.54	6.85	7.87	3.7	2.846	88.8	3.2	0.7
1504	8/20/2015 02:01:11	18.08	51.05	33.58	6.89	7.87	4.0	2.901	89.1	3.1	0.7
1505	8/20/2015 02:16:11	17.86	51.06	33.58	6.96	7.88	4.0	2.958	89.7	2.9	0.7
1506	8/20/2015 02:31:11	17.71	50.94	33.50	6.99	7.88	4.0	3.008	89.8	3.1	0.7
1507	8/20/2015 02:46:11	17.57	50.85	33.42	7.05	7.88	3.4	3.063	90.2	3.2	0.8
1508	8/20/2015 03:01:11	17.47	50.89	33.45	7.08	7.89	3.2	3.113	90.5	3.3	0.8
1509	8/20/2015 03:16:11	17.42	50.86	33.43	7.09	7.89	2.9	3.145	90.5	3.4	0.8
1510	8/20/2015 03:31:11	17.37	50.97	33.51	7.03	7.88	2.9	3.188	89.6	3.6	0.8
1511	8/20/2015 03:46:11	17.39	50.86	33.43	6.98	7.88	3.1	3.215	89.1	2.3	0.5
1512	8/20/2015 04:01:11	18.15	51.11	33.62	6.27	7.82	5.2	3.218	81.3	3.6	0.9
1513	8/20/2015 04:16:11	17.58	50.97	33.52	6.73	7.84	2.9	3.231	86.3	2.7	0.6
1514	8/20/2015 04:31:11	17.42	50.81	33.40	6.91	7.86	3.3	3.205	88.1	2.6	0.6
1515	8/20/2015 04:46:11	17.85	51.04	33.57	6.29	7.81	5.5	3.177	80.9	3.2	0.8
1516	8/20/2015 05:01:11	17.72	51.07	33.59	6.04	7.77	7.1	3.140	77.7	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	Fluorescence %FS
1517	8/20/2015 05:16:11	17.90	51.05	33.58	6.21	7.80	7.3	3.064	80.0	3.3	0.8
1518	8/20/2015 05:31:11	17.73	50.98	33.52	6.66	7.85	5.7	3.011	85.6	2.6	0.6
1519	8/20/2015 05:46:11	17.68	50.93	33.49	6.73	7.86	4.8	2.936	86.3	2.9	0.7
1520	8/20/2015 06:01:11	17.91	51.01	33.54	6.58	7.85	5.6	2.859	84.9	2.9	0.7
1521	8/20/2015 06:16:11	18.03	51.06	33.58	6.47	7.83	5.4	2.802	83.6	3.5	0.8
1522	8/20/2015 06:31:11	18.08	50.97	33.52	6.38	7.83	5.8	2.717	82.4	3.0	0.7
1523	8/20/2015 06:46:11	17.92	51.04	33.57	6.28	7.82	6.0	2.659	81.0	3.0	0.7
1524	8/20/2015 07:01:11	18.21	50.91	33.48	6.10	7.80	4.9	2.581	79.1	3.6	0.8
1525	8/20/2015 07:16:11	18.25	51.05	33.58	5.96	7.79	5.7	2.522	77.3	3.0	0.7
1526	8/20/2015 07:31:11	18.31	51.19	33.68	5.85	7.78	4.4	2.453	76.0	2.8	0.7
1527	8/20/2015 07:46:11	18.20	51.24	33.72	5.91	7.78	4.8	2.374	76.7	3.1	0.7
1528	8/20/2015 08:01:11	18.15	51.15	33.65	5.87	7.78	4.5	2.335	76.1	2.4	0.6
1529	8/20/2015 08:16:11	18.23	50.95	33.50	5.83	7.78	4.2	2.257	75.5	2.7	0.6
1530	8/20/2015 08:31:11	18.10	51.15	33.65	5.81	7.77	4.3	2.206	75.2	2.7	0.6
1531	8/20/2015 08:46:11	18.07	51.04	33.57	5.87	7.78	4.0	2.169	75.9	2.4	0.6
1532	8/20/2015 09:01:12	18.13	51.24	33.72	5.80	7.77	4.1	2.120	75.2	2.7	0.6
1533	8/20/2015 09:16:11	18.15	50.99	33.54	5.83	7.77	3.6	2.097	75.5	3.0	0.7
1534	8/20/2015 09:31:11	18.28	51.12	33.63	5.75	7.75	3.5	2.075	74.7	3.0	0.7
1535	8/20/2015 09:46:11	18.43	51.19	33.68	5.75	7.74	2.9	2.085	74.9	2.9	0.7
1536	8/20/2015 10:01:12	18.39	51.24	33.72	5.80	7.77	3.5	2.081	75.5	3.0	0.7
1537	8/20/2015 10:16:11	18.37	51.21	33.70	5.72	7.76	3.7	2.102	74.4	2.7	0.6
1538	8/20/2015 10:31:11	18.47	51.24	33.72	5.63	7.76	4.2	2.155	73.5	3.0	0.7
1539	8/20/2015 10:46:11	18.52	51.36	33.81	5.58	7.76	4.3	2.184	72.9	2.5	0.6
1540	8/20/2015 11:01:11	18.53	51.27	33.74	5.64	7.76	4.2	2.244	73.6	2.6	0.6
1541	8/20/2015 11:16:11	18.51	51.25	33.73	5.72	7.77	4.3	2.302	74.7	2.5	0.6
1542	8/20/2015 11:31:11	18.49	51.15	33.66	5.83	7.78	4.9	2.371	76.0	2.4	0.6
1543	8/20/2015 11:46:11	18.47	51.18	33.68	5.85	7.78	5.2	2.438	76.3	3.0	0.7
1544	8/20/2015 12:01:11	18.46	51.28	33.75	5.92	7.78	5.9	2.493	77.2	2.8	0.7
1545	8/20/2015 12:16:11	18.38	51.25	33.73	6.05	7.79	5.4	2.564	78.7	3.0	0.7
1546	8/20/2015 12:31:11	18.28	51.19	33.68	6.22	7.81	4.7	2.625	80.8	2.9	0.7
1547	8/20/2015 12:46:11	18.27	51.15	33.65	6.37	7.82	4.8	2.688	82.7	2.8	0.7
1548	8/20/2015 13:01:12	18.29	51.16	33.66	6.42	7.83	4.5	2.753	83.4	3.3	0.8
1549	8/20/2015 13:16:11	18.21	51.09	33.61	6.54	7.84	4.5	2.824	84.9	2.6	0.6
1550	8/20/2015 13:31:11	18.07	51.05	33.58	6.66	7.85	4.5	2.889	86.2	2.8	0.6
1551	8/20/2015 13:46:11	17.89	50.91	33.47	6.77	7.86	4.9	2.967	87.1	2.1	0.5
1552	8/20/2015 14:01:11	17.71	50.86	33.44	6.81	7.86	5.7	3.038	87.3	2.9	0.7
1553	8/20/2015 14:16:11	17.60	50.74	33.35	6.81	7.86	5.1	3.109	87.1	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	Fluorescence %FS
1554	8/20/2015 14:31:11	17.43	50.77	33.37	7.02	7.88	5.4	3.192	89.6	2.9	0.7
1555	8/20/2015 14:46:11	17.25	50.75	33.35	7.18	7.89	5.6	3.262	91.3	2.7	0.6
1556	8/20/2015 15:01:11	17.03	50.79	33.38	7.36	7.90	5.5	3.329	93.3	2.9	0.7
1557	8/20/2015 15:16:11	16.86	50.68	33.29	7.50	7.92	4.0	3.382	94.6	3.2	0.8
1558	8/20/2015 15:31:11	16.66	50.69	33.30	7.67	7.94	3.3	3.443	96.4	3.2	0.8
1559	8/20/2015 15:46:11	16.51	50.61	33.24	7.80	7.94	2.9	3.486	97.7	3.2	0.8
1560	8/20/2015 16:01:11	16.40	50.55	33.19	7.84	7.95	2.9	3.514	98.0	3.4	0.8
1561	8/20/2015 16:16:11	16.34	50.56	33.20	7.73	7.93	2.3	3.530	96.5	2.7	0.6
1562	8/20/2015 16:31:11	16.39	50.66	33.27	7.75	7.93	2.3	3.537	96.9	3.2	0.8
1563	8/20/2015 16:46:11	16.34	50.47	33.14	7.76	7.93	1.9	3.533	96.8	2.8	0.6
1564	8/20/2015 17:01:11	16.40	50.51	33.16	7.72	7.94	3.7	3.493	96.5	2.2	0.5
1565	8/20/2015 17:16:11	16.56	50.53	33.18	7.65	7.94	3.0	3.442	95.8	2.9	0.7
1566	8/20/2015 17:31:11	17.26	50.70	33.31	7.47	7.92	3.4	3.393	95.0	2.1	0.5
1567	8/20/2015 17:46:11	17.43	50.67	33.29	7.56	7.93	3.9	3.335	96.4	2.0	0.5
1568	8/20/2015 18:01:11	17.44	50.63	33.26	7.61	7.93	4.3	3.262	97.0	2.4	0.6
1569	8/20/2015 18:16:11	17.75	50.86	33.44	7.51	7.93	4.6	3.168	96.5	2.6	0.6
1570	8/20/2015 18:31:11	18.10	50.87	33.45	7.39	7.91	5.6	3.099	95.6	3.4	0.8
1571	8/20/2015 18:46:11	18.27	50.84	33.42	7.44	7.92	5.3	3.026	96.5	2.7	0.6
1572	8/20/2015 19:01:11	18.34	51.04	33.57	7.41	7.91	5.7	2.942	96.3	3.0	0.7
1573	8/20/2015 19:16:11	18.66	50.95	33.51	7.47	7.92	5.3	2.861	97.7	3.7	0.9
1574	8/20/2015 19:31:11	18.84	51.11	33.62	7.50	7.91	5.3	2.776	98.5	3.4	0.8
1575	8/20/2015 19:46:11	18.95	51.16	33.66	7.52	7.91	6.5	2.712	98.9	3.1	0.7
1576	8/20/2015 20:01:11	19.01	51.10	33.62	7.53	7.91	5.9	2.631	99.1	3.4	0.8
1577	8/20/2015 20:16:12	19.04	51.14	33.64	7.45	7.91	5.6	2.556	98.2	3.9	0.9
1578	8/20/2015 20:31:11	19.06	51.08	33.60	7.56	7.92	5.1	2.479	99.7	3.6	0.8
1579	8/20/2015 20:46:11	19.02	51.06	33.59	7.58	7.92	6.1	2.412	99.8	3.6	0.9
1580	8/20/2015 21:01:12	18.80	51.05	33.58	7.62	7.92	22.0	2.344	99.8	3.6	0.8
1581	8/20/2015 21:16:12	18.61	51.07	33.59	7.60	7.92	12.1	2.272	99.3	3.6	0.8
1582	8/20/2015 21:31:12	18.53	51.07	33.59	7.55	7.92	5.9	2.216	98.5	3.4	0.8
1583	8/20/2015 21:46:12	18.60	51.01	33.55	7.52	7.91	13.1	2.154	98.2	3.9	0.9
1584	8/20/2015 22:01:12	18.60	51.01	33.55	7.41	7.91	10.4	2.117	96.7	3.8	0.9
1585	8/20/2015 22:16:12	18.82	51.08	33.60	7.29	7.89	4.7	2.093	95.6	3.4	0.8
1586	8/20/2015 22:31:12	18.92	51.12	33.63	7.18	7.88	4.5	2.048	94.4	3.5	0.8
1587	8/20/2015 22:46:12	19.09	51.23	33.71	7.08	7.86	27.2	2.047	93.4	3.6	0.9
1588	8/20/2015 23:01:12	19.32	51.26	33.74	7.13	7.86	20.8	2.067	94.5	3.6	0.8
1589	8/20/2015 23:16:12	19.32	51.30	33.77	7.19	7.88	12.6	2.076	95.3	3.8	0.9
1590	8/20/2015 23:31:12	19.19	51.16	33.66	7.19	7.88	10.5	2.096	95.0	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	Fluorescence %FS
1591	8/20/2015 23:46:11	19.35	51.23	33.71	7.26	7.88	12.9	2.148	96.2	3.4	0.8
1592	8/21/2015 00:01:12	19.35	51.15	33.65	7.33	7.89	19.0	2.201	97.2	3.4	0.8
1593	8/21/2015 00:16:11	19.29	51.16	33.66	7.31	7.89	5.4	2.256	96.8	3.7	0.9
1594	8/21/2015 00:31:11	19.51	51.22	33.71	7.21	7.88	6.0	2.301	95.9	4.6	1.1
1595	8/21/2015 00:46:10	19.61	51.19	33.68	7.16	7.87	6.4	2.359	95.4	4.6	1.1
1596	8/21/2015 01:01:12	19.42	51.28	33.75	7.19	7.88	5.2	2.429	95.4	4.5	1.1
1597	8/21/2015 01:16:12	19.28	51.22	33.71	7.18	7.88	5.1	2.470	95.0	4.2	1.0
1598	8/21/2015 01:31:12	19.24	51.17	33.67	7.20	7.88	4.8	2.525	95.2	3.8	0.9
1599	8/21/2015 01:46:11	19.23	51.16	33.66	7.19	7.88	4.5	2.579	95.0	3.9	0.9
1600	8/21/2015 02:01:11	18.96	51.06	33.59	7.22	7.88	4.9	2.623	94.9	3.8	0.9
1601	8/21/2015 02:16:11	18.80	51.00	33.54	7.15	7.88	4.0	2.684	93.8	3.2	0.7
1602	8/21/2015 02:31:12	18.68	51.06	33.59	7.03	7.87	3.5	2.728	92.0	3.2	0.8
1603	8/21/2015 02:46:11	18.55	51.01	33.55	7.00	7.87	3.3	2.774	91.4	3.3	0.8
1604	8/21/2015 03:01:11	18.45	51.03	33.56	7.02	7.87	3.4	2.826	91.4	3.9	0.9
1605	8/21/2015 03:16:11	18.22	50.86	33.44	7.09	7.88	3.7	2.880	91.9	3.0	0.7
1606	8/21/2015 03:31:11	18.02	50.86	33.44	7.15	7.89	3.4	2.922	92.2	3.2	0.8
1607	8/21/2015 03:46:12	17.98	50.92	33.48	7.13	7.89	3.5	2.965	92.1	3.1	0.7
1608	8/21/2015 04:01:12	17.85	50.77	33.37	7.20	7.89	2.9	3.013	92.6	3.0	0.7
1609	8/21/2015 04:16:12	17.77	50.79	33.39	7.19	7.89	2.8	3.036	92.3	3.1	0.7
1610	8/21/2015 04:31:11	17.76	50.76	33.36	7.16	7.88	2.7	3.078	92.0	2.7	0.6
1611	8/21/2015 04:46:11	17.77	50.82	33.40	7.01	7.87	3.6	3.086	90.1	3.3	0.8
1612	8/21/2015 05:01:11	18.02	51.06	33.59	6.94	7.85	3.2	3.082	89.7	2.8	0.7
1613	8/21/2015 05:16:11	18.20	50.87	33.45	6.81	7.84	3.7	3.093	88.2	2.7	0.6
1614	8/21/2015 05:31:11	18.01	51.00	33.54	6.87	7.84	3.4	3.069	88.8	3.1	0.7
1615	8/21/2015 05:46:11	18.06	50.81	33.40	6.89	7.86	4.4	3.027	89.0	3.1	0.7
1616	8/21/2015 06:01:11	18.20	50.86	33.44	6.87	7.85	4.5	2.986	89.1	2.7	0.6
1617	8/21/2015 06:16:11	18.27	50.88	33.45	6.80	7.85	5.1	2.942	88.2	3.0	0.7
1618	8/21/2015 06:31:11	18.38	51.01	33.55	6.61	7.83	7.1	2.882	86.0	3.4	0.8
1619	8/21/2015 06:46:11	18.33	51.07	33.59	6.61	7.84	6.9	2.817	85.9	2.9	0.7
1620	8/21/2015 07:01:11	18.32	50.98	33.53	6.64	7.84	6.5	2.757	86.2	2.7	0.6
1621	8/21/2015 07:16:11	18.38	50.98	33.53	6.62	7.84	4.9	2.703	86.0	3.0	0.7
1622	8/21/2015 07:31:11	18.37	51.10	33.61	6.54	7.83	4.8	2.642	85.1	2.6	0.6
1623	8/21/2015 07:46:11	18.51	51.10	33.62	6.47	7.82	4.9	2.576	84.3	3.2	0.7
1624	8/21/2015 08:01:11	18.39	50.95	33.50	6.47	7.82	4.7	2.520	84.1	2.8	0.7
1625	8/21/2015 08:16:11	18.44	51.10	33.61	6.48	7.82	5.0	2.487	84.4	2.9	0.7
1626	8/21/2015 08:31:11	18.49	51.11	33.62	6.45	7.82	4.5	2.425	84.1	2.5	0.6
1627	8/21/2015 08:46:11	18.45	51.06	33.59	6.44	7.81	4.5	2.370	83.9	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	Fluorescence %FS
1628	8/21/2015 09:01:11	18.51	51.07	33.59	6.39	7.81	4.1	2.346	83.3	3.2	0.8
1629	8/21/2015 09:16:11	18.63	51.12	33.63	6.34	7.80	4.0	2.312	82.9	2.6	0.6
1630	8/21/2015 09:31:11	18.61	51.13	33.64	6.36	7.80	3.5	2.267	83.1	3.2	0.8
1631	8/21/2015 09:46:11	18.68	51.04	33.57	6.33	7.79	3.6	2.248	82.8	2.9	0.7
1632	8/21/2015 10:01:11	18.71	51.16	33.66	6.33	7.79	3.5	2.236	82.9	2.8	0.6
1633	8/21/2015 10:16:11	18.76	51.12	33.64	6.18	7.74	3.1	2.234	81.0	2.7	0.6
1634	8/21/2015 10:31:11	18.75	51.12	33.63	6.41	7.80	4.0	2.235	84.0	3.8	0.9
1635	8/21/2015 10:46:11	18.70	51.10	33.62	6.42	7.80	3.7	2.237	84.0	3.4	0.8
1636	8/21/2015 11:01:11	18.72	51.10	33.62	6.42	7.81	3.8	2.270	84.1	3.9	0.9
1637	8/21/2015 11:16:11	18.77	51.18	33.67	6.46	7.81	4.0	2.309	84.7	3.6	0.8
1638	8/21/2015 11:31:12	18.80	51.18	33.67	6.49	7.82	4.2	2.340	85.2	3.6	0.9
1639	8/21/2015 11:46:12	18.81	51.09	33.61	6.51	7.82	5.1	2.386	85.3	3.4	0.8
1640	8/21/2015 12:01:11	18.78	51.13	33.64	6.58	7.83	3.7	2.442	86.2	3.4	0.8
1641	8/21/2015 12:16:11	18.75	51.11	33.62	6.58	7.83	3.4	2.498	86.3	3.2	0.7
1642	8/21/2015 12:31:11	18.68	51.11	33.62	6.57	7.83	3.9	2.541	86.0	3.3	0.8
1643	8/21/2015 12:46:11	18.64	51.00	33.54	6.64	7.84	4.8	2.604	86.8	3.2	0.8
1644	8/21/2015 13:01:11	18.57	50.97	33.52	6.70	7.84	4.5	2.667	87.4	3.2	0.7
1645	8/21/2015 13:16:11	18.46	50.97	33.52	6.79	7.85	4.3	2.722	88.5	2.9	0.7
1646	8/21/2015 13:31:11	18.28	50.99	33.54	6.74	7.85	4.0	2.783	87.5	3.0	0.7
1647	8/21/2015 13:46:11	18.20	50.91	33.47	6.87	7.86	3.5	2.847	89.1	2.5	0.6
1648	8/21/2015 14:01:11	18.13	50.95	33.50	6.80	7.86	4.2	2.914	88.0	2.8	0.7
1649	8/21/2015 14:16:11	18.09	50.79	33.38	6.88	7.87	3.9	2.971	88.9	2.9	0.7
1650	8/21/2015 14:31:11	18.04	50.73	33.34	6.99	7.88	4.1	3.036	90.2	2.6	0.6
1651	8/21/2015 14:46:11	17.93	50.57	33.23	7.07	7.88	4.0	3.111	91.1	2.9	0.7
1652	8/21/2015 15:01:12	17.74	50.76	33.36	7.27	7.90	4.1	3.170	93.4	3.6	0.8
1653	8/21/2015 15:16:11	17.66	50.74	33.34	7.40	7.91	3.2	3.230	94.9	2.8	0.7
1654	8/21/2015 15:31:11	17.53	50.53	33.19	7.49	7.92	3.4	3.299	95.7	3.1	0.7
1655	8/21/2015 15:46:11	17.34	50.68	33.30	7.56	7.92	3.1	3.350	96.3	3.3	0.8
1656	8/21/2015 16:01:12	17.09	50.67	33.29	7.68	7.93	2.9	3.408	97.3	3.5	0.8
1657	8/21/2015 16:16:12	16.94	50.66	33.28	7.76	7.94	2.4	3.445	98.0	3.2	0.7
1658	8/21/2015 16:31:11	16.87	50.48	33.15	7.81	7.94	2.0	3.483	98.4	3.0	0.7
1659	8/21/2015 16:46:11	16.82	50.61	33.24	7.78	7.93	1.8	3.515	98.0	3.0	0.7
1660	8/21/2015 17:01:11	16.69	50.54	33.19	7.71	7.91	1.6	3.530	96.9	3.9	0.9
1661	8/21/2015 17:16:11	16.82	50.57	33.21	7.71	7.91	2.1	3.524	97.2	2.3	0.5
1662	8/21/2015 17:31:11	16.75	50.44	33.12	7.73	7.92	1.8	3.504	97.3	2.2	0.5
1663	8/21/2015 17:46:11	16.84	50.57	33.22	7.71	7.93	2.3	3.487	97.1	2.4	0.6
1664	8/21/2015 18:01:11	16.96	50.61	33.25	7.60	7.92	10.7	3.446	96.1	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	Fluorescence %FS
1665	8/21/2015 18:16:11	17.54	50.54	33.20	7.58	7.92	3.1	3.379	96.9	2.7	0.6
1666	8/21/2015 18:31:11	17.70	50.39	33.09	7.82	7.94	5.0	3.318	100.2	2.7	0.6
1667	8/21/2015 18:46:11	17.81	50.53	33.19	7.82	7.94	4.3	3.252	100.4	3.0	0.7
1668	8/21/2015 19:01:12	17.78	50.57	33.22	7.65	7.93	4.0	3.178	98.2	2.7	0.6
1669	8/21/2015 19:16:11	18.32	50.66	33.29	7.50	7.92	4.6	3.095	97.3	2.9	0.7
1670	8/21/2015 19:31:11	18.54	50.77	33.37	7.72	7.93	5.1	3.019	100.6	3.4	0.8
1671	8/21/2015 19:46:11	18.58	50.76	33.37	7.73	7.93	4.9	2.956	100.9	3.9	0.9
1672	8/21/2015 20:01:11	18.73	50.73	33.35	7.74	7.92	4.3	2.881	101.2	3.8	0.9
1673	8/21/2015 20:16:10	18.95	50.77	33.37	7.81	7.92	5.4	2.804	102.5	3.8	0.9
1674	8/21/2015 20:31:11	19.16	50.89	33.46	7.84	7.92	5.4	2.740	103.4	4.3	1.0
1675	8/21/2015 20:46:11	19.21	50.95	33.51	7.89	7.93	5.6	2.656	104.1	4.3	1.0
1676	8/21/2015 21:01:11	19.24	50.96	33.52	7.93	7.93	5.2	2.591	104.8	4.2	1.0
1677	8/21/2015 21:16:11	19.27	51.04	33.57	7.85	7.92	7.8	2.517	103.8	3.9	0.9
1678	8/21/2015 21:31:11	19.27	50.99	33.54	7.91	7.92	5.2	2.443	104.6	4.1	1.0
1679	8/21/2015 21:46:11	19.28	51.05	33.58	7.81	7.92	5.2	2.383	103.3	4.3	1.0
1680	8/21/2015 22:01:11	19.00	50.99	33.54	7.75	7.91	6.0	2.309	101.9	3.9	0.9
1681	8/21/2015 22:16:11	18.98	50.96	33.52	7.64	7.91	6.2	2.234	100.5	4.2	1.0
1682	8/21/2015 22:31:11	19.03	50.93	33.49	7.59	7.90	6.3	2.172	100.0	4.0	1.0
1683	8/21/2015 22:46:12	19.04	50.90	33.47	7.57	7.90	6.6	2.131	99.6	3.9	0.9
1684	8/21/2015 23:01:11	19.00	50.94	33.50	7.52	7.89	5.7	2.085	98.9	3.9	0.9
1685	8/21/2015 23:16:11	19.04	50.97	33.52	7.41	7.88	4.6	2.042	97.6	4.2	1.0
1686	8/21/2015 23:31:11	19.17	51.03	33.56	7.47	7.89	4.6	2.025	98.5	3.6	0.8
1687	8/21/2015 23:46:11	19.44	50.98	33.53	7.46	7.87	3.8	2.021	98.9	4.5	1.1
1688	8/22/2015 00:01:12	19.56	51.20	33.69	7.61	7.87	3.4	2.029	101.2	4.7	1.1
1689	8/22/2015 00:16:12	19.56	51.17	33.67	7.65	7.90	2.9	2.038	101.8	4.3	1.0
1690	8/22/2015 00:31:11	19.48	51.01	33.55	7.65	7.90	3.2	2.069	101.5	4.0	0.9
1691	8/22/2015 00:46:12	19.63	51.09	33.61	7.75	7.91	3.5	2.124	103.2	4.5	1.0
1692	8/22/2015 01:01:11	19.55	51.01	33.55	7.77	7.91	3.5	2.161	103.3	4.1	1.0
1693	8/22/2015 01:16:11	19.48	50.90	33.47	7.72	7.90	3.7	2.209	102.4	4.3	1.0
1694	8/22/2015 01:31:11	19.58	51.15	33.66	7.53	7.89	4.8	2.266	100.2	4.8	1.1
1695	8/22/2015 01:46:11	19.70	51.16	33.66	7.36	7.88	5.9	2.309	98.2	5.8	1.4
1696	8/22/2015 02:01:12	19.62	50.90	33.47	7.35	7.88	5.6	2.370	97.7	5.9	1.4
1697	8/22/2015 02:16:12	19.49	51.13	33.64	7.37	7.88	5.5	2.412	97.9	5.1	1.2
1698	8/22/2015 02:31:11	19.43	51.11	33.63	7.36	7.88	4.4	2.464	97.6	5.2	1.2
1699	8/22/2015 02:46:11	19.38	50.95	33.50	7.40	7.88	4.6	2.520	98.0	4.6	1.1
1700	8/22/2015 03:01:11	19.26	51.02	33.56	7.43	7.88	3.8	2.563	98.2	4.5	1.1
1701	8/22/2015 03:16:11	19.09	50.98	33.53	7.36	7.88	3.8	2.613	97.0	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	Fluorescence %FS
1702	8/22/2015 03:31:12	18.89	50.95	33.50	7.25	7.88	3.5	2.656	95.2	3.9	0.9
1703	8/22/2015 03:46:12	18.76	50.86	33.44	7.20	7.88	3.2	2.712	94.3	3.9	0.9
1704	8/22/2015 04:01:12	18.68	50.82	33.41	7.16	7.87	3.7	2.755	93.6	3.5	0.8
1705	8/22/2015 04:16:12	18.58	50.87	33.45	7.14	7.88	3.1	2.794	93.2	3.7	0.9
1706	8/22/2015 04:31:11	18.42	50.84	33.42	7.15	7.88	3.4	2.842	93.1	3.8	0.9
1707	8/22/2015 04:46:12	18.29	50.66	33.29	7.17	7.88	3.1	2.881	93.0	3.6	0.8
1708	8/22/2015 05:01:11	18.20	50.63	33.27	7.19	7.88	2.9	2.923	93.0	3.8	0.9
1709	8/22/2015 05:16:11	18.10	50.65	33.28	7.19	7.88	2.7	2.950	92.9	3.2	0.8
1710	8/22/2015 05:31:12	18.45	50.74	33.35	6.90	7.85	4.4	2.986	89.7	3.7	0.9
1711	8/22/2015 05:46:12	18.07	50.62	33.26	6.99	7.86	2.8	3.005	90.2	3.5	0.8
1712	8/22/2015 06:01:11	18.59	50.89	33.47	6.79	7.83	4.0	3.004	88.6	4.2	1.0
1713	8/22/2015 06:16:11	18.70	50.97	33.52	6.82	7.82	5.2	3.011	89.2	4.3	1.0
1714	8/22/2015 06:31:11	18.28	50.85	33.43	6.94	7.85	3.2	3.004	90.1	3.0	0.7
1715	8/22/2015 06:46:11	18.46	50.72	33.34	6.88	7.84	4.8	2.974	89.5	3.1	0.7
1716	8/22/2015 07:01:11	18.53	51.07	33.59	6.81	7.83	6.0	2.936	88.8	3.2	0.8
1717	8/22/2015 07:16:12	18.26	51.10	33.61	6.55	7.81	7.2	2.904	85.1	3.4	0.8
1718	8/22/2015 07:31:11	18.31	51.13	33.64	6.67	7.82	8.1	2.858	86.7	3.3	0.8
1719	8/22/2015 07:46:11	18.26	51.09	33.61	6.59	7.82	7.0	2.804	85.5	3.3	0.8
1720	8/22/2015 08:01:12	18.16	50.94	33.50	6.57	7.82	6.6	2.759	85.0	3.6	0.9
1721	8/22/2015 08:16:12	18.33	50.85	33.43	6.65	7.83	5.4	2.709	86.4	2.7	0.6
1722	8/22/2015 08:31:12	18.39	51.02	33.56	6.71	7.83	4.9	2.669	87.3	3.0	0.7
1723	8/22/2015 08:46:11	18.56	50.98	33.53	6.71	7.83	3.8	2.616	87.5	2.5	0.6
1724	8/22/2015 09:01:11	18.62	50.29	33.02	6.82	7.84	4.8	2.586	88.8	3.1	0.7
1725	8/22/2015 09:16:12	18.59	50.46	33.15	6.87	7.84	4.9	2.542	89.5	3.6	0.9
1726	8/22/2015 09:31:12	18.74	50.87	33.45	6.87	7.84	3.7	2.499	90.0	3.7	0.9
1727	8/22/2015 09:46:12	18.60	50.76	33.37	6.86	7.84	4.5	2.475	89.5	3.3	0.8
1728	8/22/2015 10:01:12	18.76	50.93	33.50	6.87	7.83	3.5	2.447	90.0	3.0	0.7
1729	8/22/2015 10:16:12	18.83	50.93	33.49	6.79	7.82	3.3	2.427	89.0	3.4	0.8
1730	8/22/2015 10:31:11	18.87	50.79	33.39	6.82	7.81	3.4	2.412	89.4	3.1	0.7
1731	8/22/2015 10:46:11	18.88	51.01	33.55	6.74	7.80	3.1	2.404	88.5	3.2	0.8
1732	8/22/2015 11:01:12	18.90	50.98	33.53	6.70	7.77	3.2	2.401	88.0	2.8	0.6
1733	8/22/2015 11:16:12	18.93	51.00	33.54	6.86	7.82	3.1	2.397	90.2	3.3	0.8
1734	8/22/2015 11:31:12	18.91	51.02	33.56	6.92	7.84	2.9	2.410	91.0	4.5	1.1
1735	8/22/2015 11:46:11	18.90	51.00	33.54	6.97	7.85	4.5	2.427	91.5	4.5	1.1
1736	8/22/2015 12:01:11	18.88	51.00	33.54	6.95	7.85	3.5	2.449	91.3	3.8	0.9
1737	8/22/2015 12:16:12	18.89	50.95	33.51	6.95	7.85	3.4	2.487	91.2	3.6	0.9
1738	8/22/2015 12:31:12	18.86	50.96	33.52	6.98	7.85	3.7	2.507	91.6	3.4	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
1739	8/22/2015 12:46:12	18.81	50.98	33.53	6.95	7.85	3.5	2.552	91.1	3.6	0.8
1740	8/22/2015 13:01:12	18.73	50.93	33.49	6.91	7.85	3.3	2.604	90.5	3.6	0.8
1741	8/22/2015 13:16:11	18.65	50.96	33.51	6.88	7.85	3.2	2.641	89.9	3.1	0.7
1742	8/22/2015 13:31:11	18.57	50.81	33.40	6.93	7.86	3.5	2.696	90.4	3.0	0.7
1743	8/22/2015 13:46:11	18.52	50.91	33.48	7.03	7.86	3.4	2.755	91.7	3.5	0.8
1744	8/22/2015 14:01:11	18.47	50.78	33.38	7.11	7.87	3.5	2.808	92.5	3.4	0.8
1745	8/22/2015 14:16:11	18.40	50.78	33.38	7.13	7.87	3.5	2.858	92.6	3.5	0.8
1746	8/22/2015 14:31:12	18.34	50.76	33.36	7.07	7.87	3.3	2.919	91.8	3.6	0.9
1747	8/22/2015 14:46:12	18.18	50.75	33.36	7.02	7.87	3.1	2.986	90.8	3.0	0.7
1748	8/22/2015 15:01:12	18.07	50.66	33.29	7.05	7.88	3.3	3.044	91.0	2.8	0.7
1749	8/22/2015 15:16:12	17.94	50.69	33.31	7.09	7.88	3.5	3.102	91.4	2.9	0.7
1750	8/22/2015 15:31:11	17.80	50.64	33.27	7.26	7.89	3.0	3.164	93.2	2.7	0.6
1751	8/22/2015 15:46:11	17.58	50.63	33.26	7.38	7.90	3.4	3.230	94.4	3.0	0.7
1752	8/22/2015 16:01:11	17.46	50.66	33.29	7.42	7.91	3.0	3.291	94.7	3.6	0.8
1753	8/22/2015 16:16:11	17.34	50.49	33.16	7.45	7.91	3.2	3.347	94.7	3.2	0.7
1754	8/22/2015 16:31:11	17.09	50.57	33.22	7.51	7.91	2.9	3.400	95.1	3.0	0.7
1755	8/22/2015 16:46:11	16.88	50.55	33.20	7.57	7.92	2.9	3.447	95.4	3.0	0.7
1756	8/22/2015 17:01:11	16.67	50.44	33.12	7.66	7.92	2.1	3.500	96.1	2.8	0.7
1757	8/22/2015 17:16:11	16.52	50.33	33.03	7.74	7.92	2.1	3.526	96.9	3.1	0.7
1758	8/22/2015 17:31:12	16.51	50.34	33.04	7.74	7.91	1.6	3.541	96.9	3.4	0.8
1759	8/22/2015 17:46:11	16.53	50.42	33.10	7.36	7.86	1.3	3.562	92.2	2.7	0.6
1760	8/22/2015 18:01:11	16.46	50.46	33.13	7.56	7.88	1.5	3.577	94.6	2.2	0.5
1761	8/22/2015 18:16:11	16.47	50.36	33.06	7.56	7.89	1.7	3.542	94.5	2.0	0.5
1762	8/22/2015 18:31:11	16.57	50.38	33.07	7.54	7.91	1.5	3.509	94.4	2.1	0.5
1763	8/22/2015 18:46:11	16.72	50.49	33.15	7.52	7.91	2.0	3.483	94.6	1.9	0.4
1764	8/22/2015 19:01:12	17.02	50.52	33.18	7.43	7.90	2.5	3.437	93.9	2.6	0.6
1765	8/22/2015 19:16:11	17.19	50.58	33.22	7.43	7.91	2.9	3.377	94.3	2.6	0.6
1766	8/22/2015 19:31:11	17.37	50.55	33.21	7.50	7.91	4.1	3.300	95.5	3.1	0.7
1767	8/22/2015 19:46:11	17.44	50.64	33.27	7.51	7.91	5.1	3.241	95.8	2.9	0.7
1768	8/22/2015 20:01:12	17.53	50.71	33.33	7.44	7.91	4.8	3.187	95.1	3.5	0.8
1769	8/22/2015 20:16:12	18.02	50.78	33.38	7.62	7.92	4.0	3.104	98.3	4.0	0.9
1770	8/22/2015 20:31:11	18.17	50.77	33.37	7.65	7.92	4.8	3.021	99.0	4.1	1.0
1771	8/22/2015 20:46:11	18.27	50.81	33.40	7.64	7.92	4.3	2.955	99.1	3.9	0.9
1772	8/22/2015 21:01:11	18.40	50.73	33.34	7.65	7.92	4.3	2.885	99.4	4.7	1.1
1773	8/22/2015 21:16:11	18.61	50.66	33.29	7.79	7.93	4.9	2.811	101.6	4.6	1.1
1774	8/22/2015 21:31:11	18.76	50.87	33.45	7.80	7.93	5.5	2.730	102.1	4.7	1.1
1775	8/22/2015 21:46:11	18.85	50.94	33.50	7.84	7.93	5.4	2.663	102.8	4.7	1.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
1776	8/22/2015 22:01:11	18.84	50.96	33.51	7.78	7.92	5.3	2.588	102.1	4.4	1.0
1777	8/22/2015 22:16:11	18.78	50.96	33.51	7.66	7.91	5.7	2.515	100.3	4.6	1.1
1778	8/22/2015 22:31:11	18.78	50.95	33.51	7.56	7.90	5.4	2.429	99.1	4.8	1.1
1779	8/22/2015 22:46:11	18.63	50.95	33.50	7.50	7.90	5.4	2.359	97.9	4.1	1.0
1780	8/22/2015 23:01:11	18.59	50.81	33.40	7.38	7.89	5.6	2.295	96.2	4.1	1.0
1781	8/22/2015 23:16:11	18.66	50.80	33.40	7.34	7.88	4.9	2.217	95.8	4.1	1.0
1782	8/22/2015 23:31:12	18.39	50.82	33.41	7.01	7.86	5.8	2.146	91.1	4.3	1.0
1783	8/22/2015 23:46:12	18.33	50.92	33.48	7.02	7.86	5.2	2.104	91.2	4.5	1.1
1784	8/23/2015 00:01:12	18.47	50.88	33.46	6.98	7.85	5.3	2.041	90.9	4.0	0.9
1785	8/23/2015 00:16:12	18.53	50.90	33.47	6.96	7.85	4.8	2.009	90.8	4.4	1.0
1786	8/23/2015 00:31:12	18.59	50.92	33.48	6.94	7.84	4.7	1.983	90.5	3.7	0.9
1787	8/23/2015 00:46:12	18.71	50.95	33.50	6.85	7.82	3.7	1.975	89.6	5.1	1.2
1788	8/23/2015 01:01:12	18.91	50.96	33.51	7.18	7.86	3.2	1.975	94.2	4.9	1.1
1789	8/23/2015 01:16:11	18.84	51.07	33.59	7.14	7.86	3.6	1.975	93.7	4.6	1.1
1790	8/23/2015 01:31:11	18.85	50.98	33.53	7.18	7.87	3.5	2.018	94.2	4.7	1.1
1791	8/23/2015 01:46:11	19.00	50.96	33.51	7.27	7.88	3.2	2.040	95.7	4.4	1.0
1792	8/23/2015 02:01:11	19.09	51.09	33.61	7.42	7.89	3.1	2.083	97.8	4.2	1.0
1793	8/23/2015 02:16:11	19.03	51.07	33.59	7.40	7.89	3.1	2.133	97.5	4.2	1.0
1794	8/23/2015 02:31:11	19.02	50.95	33.51	7.40	7.89	3.8	2.189	97.4	4.3	1.0
1795	8/23/2015 02:46:11	19.00	50.34	33.06	7.39	7.89	3.5	2.240	96.9	4.7	1.1
1796	8/23/2015 03:01:12	18.99	50.93	33.49	7.26	7.88	4.3	2.297	95.5	4.8	1.1
1797	8/23/2015 03:16:12	18.83	50.89	33.46	7.26	7.88	4.0	2.349	95.1	4.2	1.0
1798	8/23/2015 03:31:12	18.80	50.86	33.44	7.22	7.88	3.8	2.403	94.7	4.8	1.1
1799	8/23/2015 03:46:12	18.82	50.92	33.48	7.20	7.88	4.2	2.458	94.4	4.5	1.0
1800	8/23/2015 04:01:12	18.82	50.99	33.54	7.18	7.87	4.1	2.513	94.1	4.5	1.1
1801	8/23/2015 04:16:12	18.80	50.97	33.52	7.20	7.88	3.8	2.560	94.3	4.3	1.0
1802	8/23/2015 04:31:12	18.77	50.91	33.47	7.18	7.87	3.7	2.614	94.0	4.4	1.0
1803	8/23/2015 04:46:11	18.65	50.93	33.49	7.13	7.87	3.7	2.662	93.2	4.0	0.9
1804	8/23/2015 05:01:11	18.62	50.83	33.42	7.09	7.87	3.6	2.704	92.6	4.4	1.0
1805	8/23/2015 05:16:11	18.58	50.83	33.42	7.06	7.86	3.4	2.757	92.1	4.6	1.1
1806	8/23/2015 05:31:12	18.45	50.89	33.46	7.02	7.86	3.7	2.794	91.4	3.7	0.9
1807	8/23/2015 05:46:12	18.30	50.68	33.30	7.01	7.86	3.1	2.841	90.9	3.5	0.8
1808	8/23/2015 06:01:12	18.20	50.59	33.24	6.98	7.86	2.9	2.881	90.4	4.1	1.0
1809	8/23/2015 06:16:12	18.09	50.71	33.33	6.95	7.86	2.9	2.910	89.8	3.7	0.9
1810	8/23/2015 06:31:12	18.04	50.71	33.33	6.91	7.86	2.9	2.953	89.2	3.5	0.8
1811	8/23/2015 06:46:11	17.99	49.94	32.76	6.94	7.86	3.6	2.982	89.2	3.4	0.8
1812	8/23/2015 07:01:11	18.24	50.56	33.22	6.74	7.83	3.6	2.996	87.2	3.5	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
1813	8/23/2015 07:16:11	18.46	50.77	33.37	6.76	7.81	4.2	3.011	88.0	3.7	0.9
1814	8/23/2015 07:31:11	18.35	50.69	33.32	6.69	7.82	3.4	3.014	86.9	3.4	0.8
1815	8/23/2015 07:46:11	18.15	50.75	33.36	6.73	7.82	3.2	3.005	87.0	2.4	0.6
1816	8/23/2015 08:01:11	18.18	50.78	33.38	6.71	7.83	3.3	2.987	86.9	2.5	0.6
1817	8/23/2015 08:16:11	18.37	50.85	33.43	6.74	7.83	4.9	2.958	87.6	2.9	0.7
1818	8/23/2015 08:31:11	18.31	50.82	33.41	6.63	7.81	5.2	2.921	86.1	3.1	0.7
1819	8/23/2015 08:46:11	18.23	50.76	33.36	6.48	7.80	5.2	2.885	83.9	3.4	0.8
1820	8/23/2015 09:01:11	18.14	50.95	33.50	6.36	7.79	6.1	2.844	82.4	3.7	0.9
1821	8/23/2015 09:16:11	18.24	50.76	33.36	6.41	7.79	5.1	2.788	83.1	3.8	0.9
1822	8/23/2015 09:31:11	18.31	50.44	33.13	6.41	7.79	5.0	2.755	83.1	3.3	0.8
1823	8/23/2015 09:46:11	18.33	50.79	33.39	6.45	7.80	4.8	2.725	83.7	3.2	0.8
1824	8/23/2015 10:01:12	18.50	50.90	33.47	6.70	7.83	4.0	2.672	87.3	3.6	0.8
1825	8/23/2015 10:16:11	18.54	50.82	33.41	6.77	7.83	3.5	2.636	88.2	2.8	0.7
1826	8/23/2015 10:31:11	18.59	50.79	33.39	6.70	7.82	3.6	2.615	87.4	3.6	0.8
1827	8/23/2015 10:46:11	18.38	50.79	33.39	6.79	7.80	3.9	2.586	88.2	3.4	0.8
1828	8/23/2015 11:01:11	18.57	50.81	33.40	6.69	7.81	3.8	2.556	87.2	3.6	0.9
1829	8/23/2015 11:16:12	18.63	50.96	33.51	6.59	7.81	3.2	2.531	86.1	3.3	0.8
1830	8/23/2015 11:31:11	18.60	50.87	33.44	6.72	7.81	3.5	2.523	87.7	2.8	0.7
1831	8/23/2015 11:46:11	18.62	50.92	33.49	6.64	7.79	3.1	2.510	86.7	2.9	0.7
1832	8/23/2015 12:01:11	18.61	50.88	33.45	6.69	7.80	3.1	2.504	87.3	3.7	0.9
1833	8/23/2015 12:16:11	18.70	50.94	33.50	6.82	7.83	3.1	2.514	89.2	3.9	0.9
1834	8/23/2015 12:31:11	18.75	50.20	32.95	6.87	7.84	3.0	2.522	89.6	4.0	0.9
1835	8/23/2015 12:46:11	18.72	50.67	33.30	6.89	7.84	3.1	2.531	90.1	4.0	0.9
1836	8/23/2015 13:01:11	18.71	50.89	33.47	6.84	7.84	3.2	2.553	89.5	3.6	0.9
1837	8/23/2015 13:16:11	18.70	50.75	33.36	6.86	7.84	3.3	2.577	89.7	3.7	0.9
1838	8/23/2015 13:31:12	18.68	50.79	33.39	6.90	7.85	3.6	2.615	90.1	4.5	1.1
1839	8/23/2015 13:46:11	18.65	50.87	33.45	6.86	7.85	3.5	2.645	89.6	3.8	0.9
1840	8/23/2015 14:01:11	18.58	50.69	33.31	6.92	7.85	3.4	2.691	90.2	3.5	0.8
1841	8/23/2015 14:16:11	18.53	50.68	33.31	6.92	7.85	3.3	2.737	90.1	3.7	0.9
1842	8/23/2015 14:31:11	18.47	50.74	33.35	6.90	7.85	3.2	2.781	89.7	3.5	0.8
1843	8/23/2015 14:46:11	18.41	50.80	33.40	6.94	7.86	3.1	2.842	90.3	3.9	0.9
1844	8/23/2015 15:01:11	18.38	50.74	33.35	6.98	7.86	3.6	2.892	90.6	3.2	0.7
1845	8/23/2015 15:16:11	18.33	50.77	33.38	6.99	7.86	3.5	2.949	90.8	3.6	0.8
1846	8/23/2015 15:31:12	18.19	50.53	33.20	6.95	7.86	3.0	3.005	89.9	3.1	0.7
1847	8/23/2015 15:46:12	17.92	50.63	33.27	6.97	7.87	3.0	3.068	89.7	3.3	0.8
1848	8/23/2015 16:01:11	17.76	50.58	33.23	7.03	7.87	2.7	3.117	90.2	2.8	0.7
1849	8/23/2015 16:16:12	17.67	50.57	33.22	7.13	7.88	3.0	3.178	91.4	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	Fluorescence %FS
1850	8/23/2015 16:31:11	17.62	50.44	33.12	7.19	7.88	2.7	3.239	91.9	2.8	0.7
1851	8/23/2015 16:46:11	17.45	50.43	33.12	7.26	7.89	2.7	3.288	92.5	3.1	0.7
1852	8/23/2015 17:01:12	17.31	50.42	33.11	7.29	7.89	2.6	3.349	92.6	2.7	0.6
1853	8/23/2015 17:16:12	17.21	50.49	33.16	7.29	7.89	2.5	3.394	92.5	3.0	0.7
1854	8/23/2015 17:31:11	16.98	50.29	33.01	7.34	7.89	2.6	3.446	92.6	2.7	0.6
1855	8/23/2015 17:46:11	16.81	50.37	33.07	7.33	7.89	2.4	3.485	92.2	3.0	0.7
1856	8/23/2015 18:01:12	16.71	50.33	33.04	7.33	7.89	2.3	3.522	92.1	3.1	0.7
1857	8/23/2015 18:16:11	16.57	50.32	33.03	7.36	7.89	2.1	3.548	92.1	2.8	0.7
1858	8/23/2015 18:31:11	16.48	50.30	33.01	7.41	7.90	1.6	3.572	92.6	2.8	0.6
1859	8/23/2015 18:46:11	16.46	50.33	33.03	7.23	7.87	1.9	3.582	90.3	2.6	0.6
1860	8/23/2015 19:01:11	16.44	49.82	32.66	7.01	7.83	1.6	3.584	87.3	2.4	0.6
1861	8/23/2015 19:16:11	16.43	50.17	32.91	7.25	7.87	1.8	3.565	90.5	1.9	0.5
1862	8/23/2015 19:31:11	16.51	50.09	32.86	7.23	7.88	2.4	3.547	90.4	2.4	0.6
1863	8/23/2015 19:46:11	16.65	50.25	32.98	7.12	7.88	1.7	3.512	89.3	2.1	0.5
1864	8/23/2015 20:01:11	16.88	50.33	33.04	7.14	7.88	2.3	3.459	90.0	2.3	0.5
1865	8/23/2015 20:16:11	17.23	50.40	33.09	7.13	7.88	4.4	3.399	90.5	2.8	0.7
1866	8/23/2015 20:31:11	17.14	50.38	33.08	7.12	7.88	3.9	3.340	90.1	2.8	0.7
1867	8/23/2015 20:46:12	17.19	50.50	33.17	7.08	7.88	5.3	3.276	89.8	2.9	0.7
1868	8/23/2015 21:01:11	17.75	50.51	33.18	7.20	7.89	4.5	3.191	92.4	3.3	0.8
1869	8/23/2015 21:16:12	17.96	50.54	33.20	7.35	7.90	4.5	3.113	94.7	4.1	1.0
1870	8/23/2015 21:31:11	17.92	50.60	33.25	7.35	7.90	4.2	3.051	94.6	3.7	0.9
1871	8/23/2015 21:46:11	18.03	50.61	33.25	7.38	7.90	4.1	2.962	95.1	3.9	0.9
1872	8/23/2015 22:01:11	18.30	50.64	33.28	7.41	7.90	4.7	2.883	96.0	4.2	1.0
1873	8/23/2015 22:16:11	18.55	50.70	33.32	7.47	7.90	5.3	2.796	97.3	3.9	0.9
1874	8/23/2015 22:31:11	18.63	50.66	33.30	7.42	7.89	5.3	2.718	96.8	4.2	1.0
1875	8/23/2015 22:46:11	18.65	50.73	33.34	7.33	7.88	5.2	2.634	95.6	4.4	1.0
1876	8/23/2015 23:01:11	18.71	50.74	33.35	7.30	7.88	7.3	2.537	95.4	4.4	1.0
1877	8/23/2015 23:16:11	18.69	50.71	33.33	7.25	7.88	5.6	2.459	94.7	4.6	1.1
1878	8/23/2015 23:31:11	18.67	50.52	33.19	7.24	7.87	5.5	2.370	94.5	4.4	1.0
1879	8/23/2015 23:46:11	18.57	50.57	33.23	7.03	7.86	5.2	2.289	91.6	3.9	0.9
1880	8/24/2015 00:01:11	18.47	50.66	33.29	7.01	7.85	5.4	2.207	91.1	4.2	1.0
1881	8/24/2015 00:16:11	18.31	50.66	33.29	6.85	7.84	5.6	2.122	88.8	3.5	0.8
1882	8/24/2015 00:31:11	18.22	50.71	33.32	6.68	7.83	6.0	2.056	86.5	3.6	0.8
1883	8/24/2015 00:46:11	18.21	50.72	33.34	6.63	7.82	5.2	1.996	85.9	4.0	1.0
1884	8/24/2015 01:01:11	18.25	50.58	33.24	6.57	7.81	5.6	1.936	85.1	3.5	0.8
1885	8/24/2015 01:16:12	18.23	50.75	33.36	6.50	7.81	5.1	1.889	84.2	3.6	0.9
1886	8/24/2015 01:31:12	18.31	50.72	33.34	6.49	7.81	4.3	1.862	84.2	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	Fluorescence %FS
1887	8/24/2015 01:46:11	18.43	50.76	33.36	6.50	7.78	3.9	1.849	84.5	4.4	1.0
1888	8/24/2015 02:01:11	18.59	50.84	33.43	6.58	7.80	4.0	1.844	85.9	4.0	0.9
1889	8/24/2015 02:16:11	18.47	50.86	33.44	6.68	7.82	3.6	1.852	86.9	3.9	0.9
1890	8/24/2015 02:31:11	18.60	50.88	33.45	6.74	7.83	3.4	1.886	87.9	3.7	0.9
1891	8/24/2015 02:46:11	18.86	50.86	33.44	6.90	7.85	3.4	1.932	90.5	4.0	1.0
1892	8/24/2015 03:01:12	18.85	50.87	33.45	6.95	7.85	3.2	1.981	91.1	3.6	0.9
1893	8/24/2015 03:16:12	18.83	50.97	33.52	6.94	7.85	3.5	2.032	90.9	3.6	0.9
1894	8/24/2015 03:31:12	18.81	50.90	33.47	6.95	7.85	3.4	2.089	91.1	3.9	0.9
1895	8/24/2015 03:46:12	18.77	50.90	33.47	6.93	7.85	3.5	2.153	90.7	3.4	0.8
1896	8/24/2015 04:01:11	18.69	50.84	33.42	6.89	7.85	3.9	2.218	90.1	4.1	1.0
1897	8/24/2015 04:16:11	18.60	50.88	33.45	6.89	7.84	3.6	2.264	89.9	3.3	0.8
1898	8/24/2015 04:31:12	18.53	50.87	33.45	6.87	7.85	3.5	2.321	89.6	3.5	0.8
1899	8/24/2015 04:46:12	18.51	50.76	33.37	6.90	7.85	3.5	2.388	89.9	3.6	0.8
1900	8/24/2015 05:01:11	18.66	50.77	33.37	6.96	7.85	4.2	2.447	90.9	4.0	0.9
1901	8/24/2015 05:16:11	18.65	50.90	33.47	6.94	7.85	4.2	2.489	90.7	3.8	0.9
1902	8/24/2015 05:31:11	18.63	50.85	33.43	6.93	7.85	3.7	2.546	90.5	4.1	1.0
1903	8/24/2015 05:46:11	18.63	50.84	33.43	6.92	7.85	3.8	2.617	90.3	4.3	1.0
1904	8/24/2015 06:01:12	18.60	50.86	33.44	6.88	7.85	4.0	2.660	89.8	4.3	1.0
1905	8/24/2015 06:16:11	18.53	50.82	33.41	6.87	7.85	4.0	2.714	89.6	4.2	1.0
1906	8/24/2015 06:31:11	18.47	50.81	33.41	6.86	7.85	4.0	2.766	89.3	3.6	0.8
1907	8/24/2015 06:46:11	18.33	50.77	33.37	6.83	7.85	3.7	2.826	88.6	3.7	0.9
1908	8/24/2015 07:01:11	18.18	50.78	33.38	6.79	7.85	4.0	2.868	87.9	2.9	0.7
1909	8/24/2015 07:16:11	18.12	50.63	33.27	6.77	7.84	3.8	2.911	87.5	3.2	0.8
1910	8/24/2015 07:31:12	18.00	50.62	33.26	6.78	7.84	3.4	2.965	87.3	2.7	0.6
1911	8/24/2015 07:46:11	17.94	50.67	33.30	6.77	7.84	3.2	2.994	87.2	2.8	0.7
1912	8/24/2015 08:01:12	17.91	50.69	33.31	6.74	7.84	3.1	3.029	86.7	2.5	0.6
1913	8/24/2015 08:16:11	17.83	50.70	33.32	6.72	7.83	3.0	3.052	86.3	2.9	0.7
1914	8/24/2015 08:31:11	18.32	50.74	33.35	6.63	7.81	3.6	3.061	86.0	2.7	0.6
1915	8/24/2015 08:46:11	18.20	50.71	33.33	6.49	7.79	3.2	3.074	84.1	2.8	0.6
1916	8/24/2015 09:01:11	17.88	50.74	33.35	6.64	7.82	2.9	3.065	85.5	2.1	0.5
1917	8/24/2015 09:16:11	18.21	50.75	33.36	6.59	7.81	3.9	3.043	85.3	3.1	0.7
1918	8/24/2015 09:31:11	18.13	50.72	33.34	6.63	7.82	3.7	3.018	85.8	2.5	0.6
1919	8/24/2015 09:46:11	18.30	50.89	33.46	6.60	7.81	4.7	2.987	85.7	2.8	0.7
1920	8/24/2015 10:01:11	18.24	50.85	33.43	6.54	7.80	4.7	2.948	84.8	2.9	0.7
1921	8/24/2015 10:16:12	18.19	50.93	33.49	6.40	7.79	5.4	2.898	82.9	2.8	0.7
1922	8/24/2015 10:31:11	18.30	50.88	33.45	6.59	7.80	5.5	2.848	85.5	3.2	0.7
1923	8/24/2015 10:46:11	18.36	50.90	33.47	6.71	7.82	4.3	2.807	87.1	2.6	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
1924	8/24/2015 11:01:11	18.42	50.72	33.34	6.66	7.82	3.8	2.766	86.6	2.5	0.6
1925	8/24/2015 11:16:11	18.46	50.83	33.42	6.73	7.82	4.0	2.721	87.6	3.0	0.7
1926	8/24/2015 11:31:11	18.50	50.88	33.45	6.72	7.82	3.8	2.679	87.5	3.0	0.7
1927	8/24/2015 11:46:11	18.52	50.79	33.39	6.70	7.82	3.7	2.651	87.3	2.5	0.6
1928	8/24/2015 12:01:12	18.56	50.87	33.44	6.59	7.81	3.7	2.606	86.0	3.4	0.8
1929	8/24/2015 12:16:11	18.57	50.95	33.51	6.53	7.80	3.3	2.582	85.2	2.2	0.5
1930	8/24/2015 12:31:11	18.61	50.84	33.43	6.42	7.78	3.0	2.567	83.9	2.6	0.6
1931	8/24/2015 12:46:11	18.62	50.80	33.40	6.33	7.76	3.0	2.536	82.6	2.2	0.5
1932	8/24/2015 13:01:11	18.64	50.87	33.45	6.22	7.75	3.2	2.531	81.2	2.2	0.5
1933	8/24/2015 13:16:11	18.54	50.92	33.48	6.81	7.80	3.5	2.529	88.8	3.2	0.8
1934	8/24/2015 13:31:11	18.57	50.82	33.41	6.74	7.82	3.2	2.532	87.9	3.2	0.7
1935	8/24/2015 13:46:11	18.60	50.90	33.47	6.61	7.82	3.4	2.540	86.3	3.0	0.7
1936	8/24/2015 14:01:12	18.58	50.90	33.47	6.76	7.83	3.6	2.565	88.3	3.5	0.8
1937	8/24/2015 14:16:11	18.60	50.88	33.45	6.78	7.83	3.4	2.592	88.5	3.9	0.9
1938	8/24/2015 14:31:11	18.61	50.87	33.45	6.81	7.84	3.2	2.621	88.9	3.6	0.8
1939	8/24/2015 14:46:11	18.59	50.79	33.39	6.84	7.84	3.4	2.657	89.3	4.2	1.0
1940	8/24/2015 15:01:11	18.51	50.85	33.43	6.84	7.84	3.7	2.708	89.2	3.6	0.8
1941	8/24/2015 15:16:11	18.43	50.84	33.42	6.85	7.84	3.5	2.747	89.1	3.5	0.8
1942	8/24/2015 15:31:11	18.38	50.77	33.37	6.85	7.84	3.4	2.800	89.0	3.2	0.8
1943	8/24/2015 15:46:11	18.35	50.73	33.34	6.86	7.84	3.3	2.856	89.1	3.2	0.8
1944	8/24/2015 16:01:11	18.31	50.68	33.31	6.91	7.85	3.5	2.896	89.6	3.3	0.8
1945	8/24/2015 16:16:11	18.18	50.72	33.34	6.94	7.85	3.2	2.956	89.8	3.6	0.8
1946	8/24/2015 16:31:11	18.02	50.69	33.31	6.92	7.85	3.4	3.024	89.3	2.9	0.7
1947	8/24/2015 16:46:12	17.70	50.61	33.25	6.98	7.86	3.1	3.084	89.5	3.4	0.8
1948	8/24/2015 17:01:12	17.56	50.51	33.18	7.04	7.87	3.2	3.133	89.9	2.9	0.7
1949	8/24/2015 17:16:11	17.42	50.52	33.18	7.14	7.88	3.5	3.208	91.0	2.7	0.6
1950	8/24/2015 17:31:12	17.32	50.55	33.20	7.18	7.88	3.2	3.278	91.3	3.0	0.7
1951	8/24/2015 17:46:11	17.23	50.48	33.15	7.24	7.89	3.1	3.335	91.9	2.9	0.7
1952	8/24/2015 18:01:11	17.04	50.34	33.04	7.29	7.89	3.2	3.387	92.2	2.9	0.7
1953	8/24/2015 18:16:11	16.91	50.41	33.09	7.35	7.90	2.8	3.449	92.8	2.5	0.6
1954	8/24/2015 18:31:11	16.78	50.32	33.03	7.45	7.91	2.7	3.511	93.6	3.0	0.7
1955	8/24/2015 18:46:11	16.66	50.31	33.02	7.51	7.91	2.7	3.549	94.2	2.7	0.6
1956	8/24/2015 19:01:11	16.55	50.29	33.00	7.57	7.92	2.4	3.580	94.7	3.0	0.7
1957	8/24/2015 19:16:11	16.55	50.25	32.97	7.54	7.91	2.2	3.617	94.3	2.4	0.6
1958	8/24/2015 19:31:11	16.44	50.29	33.01	7.57	7.91	2.0	3.644	94.6	3.6	0.8
1959	8/24/2015 19:46:12	16.42	50.32	33.02	7.36	7.88	1.6	3.649	91.9	2.5	0.6
1960	8/24/2015 20:01:11	16.69	50.28	33.00	7.31	7.87	2.6	3.638	91.8	2.6	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
1961	8/24/2015 20:16:11	16.42	50.27	32.99	7.42	7.90	2.2	3.637	92.7	2.2	0.5
1962	8/24/2015 20:31:11	16.46	50.31	33.02	7.43	7.90	2.3	3.611	92.9	2.5	0.6
1963	8/24/2015 20:46:11	16.56	50.24	32.97	7.36	7.90	2.2	3.569	92.1	2.7	0.6
1964	8/24/2015 21:01:11	16.90	50.26	32.99	7.22	7.89	3.0	3.518	91.0	2.7	0.6
1965	8/24/2015 21:16:11	16.89	50.28	33.00	7.13	7.88	3.7	3.453	89.8	3.4	0.8
1966	8/24/2015 21:31:11	16.87	50.30	33.01	7.17	7.88	3.9	3.398	90.3	3.2	0.8
1967	8/24/2015 21:46:11	16.86	50.48	33.15	7.17	7.88	4.7	3.311	90.4	2.7	0.6
1968	8/24/2015 22:01:11	17.35	50.49	33.16	7.11	7.88	4.8	3.226	90.5	2.9	0.7
1969	8/24/2015 22:16:11	17.44	50.55	33.20	7.17	7.88	5.1	3.149	91.4	3.6	0.8
1970	8/24/2015 22:31:11	17.58	50.58	33.23	7.16	7.87	5.0	3.053	91.6	3.4	0.8
1971	8/24/2015 22:46:11	17.70	50.59	33.24	7.25	7.88	5.4	2.962	92.9	3.1	0.7
1972	8/24/2015 23:01:11	18.03	50.62	33.26	7.23	7.88	5.6	2.884	93.2	3.5	0.8
1973	8/24/2015 23:16:11	18.24	50.80	33.39	7.19	7.87	5.4	2.795	93.2	4.1	1.0
1974	8/24/2015 23:31:12	18.43	50.86	33.44	7.17	7.86	6.3	2.682	93.2	3.8	0.9
1975	8/24/2015 23:46:11	18.47	50.78	33.38	7.18	7.86	6.2	2.594	93.4	3.3	0.8
1976	8/25/2015 00:01:11	18.52	50.87	33.45	7.21	7.86	7.6	2.505	93.9	3.9	0.9
1977	8/25/2015 00:16:11	18.49	50.92	33.48	7.23	7.86	5.7	2.395	94.2	3.8	0.9
1978	8/25/2015 00:31:11	18.45	50.77	33.37	7.17	7.86	5.7	2.297	93.3	3.6	0.8
1979	8/25/2015 00:46:11	18.33	50.84	33.42	7.00	7.85	5.3	2.207	90.9	3.5	0.8
1980	8/25/2015 01:01:11	18.19	50.89	33.46	6.86	7.84	5.7	2.101	88.9	3.4	0.8
1981	8/25/2015 01:16:11	18.18	50.85	33.43	6.78	7.83	5.4	2.006	87.8	3.6	0.8
1982	8/25/2015 01:31:11	18.14	50.70	33.32	6.69	7.82	5.1	1.910	86.4	3.1	0.7
1983	8/25/2015 01:46:11	18.13	50.75	33.35	6.54	7.81	5.9	1.838	84.6	3.3	0.8
1984	8/25/2015 02:01:11	18.09	50.84	33.42	6.47	7.80	5.3	1.768	83.6	3.5	0.8
1985	8/25/2015 02:16:11	18.10	50.89	33.46	6.40	7.79	5.4	1.713	82.8	3.8	0.9
1986	8/25/2015 02:31:11	18.36	50.91	33.48	6.46	7.79	4.7	1.692	83.9	3.5	0.8
1987	8/25/2015 02:46:11	18.43	50.88	33.46	6.35	7.77	3.4	1.676	82.6	3.7	0.9
1988	8/25/2015 03:01:12	18.51	50.97	33.52	6.58	7.80	3.9	1.686	85.8	3.8	0.9
1989	8/25/2015 03:16:11	18.39	50.81	33.40	6.59	7.81	3.5	1.699	85.7	3.7	0.9
1990	8/25/2015 03:31:11	18.44	50.83	33.42	6.63	7.82	3.8	1.747	86.2	3.1	0.7
1991	8/25/2015 03:46:11	18.71	50.95	33.50	6.83	7.83	3.5	1.788	89.3	3.7	0.9
1992	8/25/2015 04:01:12	18.75	51.02	33.56	6.88	7.84	3.5	1.847	90.2	3.5	0.8
1993	8/25/2015 04:16:12	18.69	50.93	33.49	6.87	7.84	3.8	1.915	89.8	3.4	0.8
1994	8/25/2015 04:31:11	18.72	50.93	33.49	6.92	7.84	3.9	1.970	90.6	3.5	0.8
1995	8/25/2015 04:46:12	18.62	50.94	33.50	6.88	7.84	3.8	2.047	89.9	3.8	0.9
1996	8/25/2015 05:01:11	18.48	50.85	33.44	6.82	7.83	3.9	2.110	88.9	3.8	0.9
1997	8/25/2015 05:16:11	18.40	50.80	33.40	6.81	7.83	3.8	2.168	88.5	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	Fluorescence %FS
1998	8/25/2015 05:31:11	18.34	50.84	33.42	6.83	7.83	4.0	2.240	88.7	3.3	0.8
1999	8/25/2015 05:46:11	18.45	50.75	33.36	6.88	7.84	3.8	2.306	89.5	3.7	0.9
2000	8/25/2015 06:01:11	18.55	50.95	33.50	6.87	7.84	4.3	2.370	89.7	3.6	0.8
2001	8/25/2015 06:16:11	18.55	50.88	33.46	6.91	7.84	4.0	2.434	90.1	3.7	0.9
2002	8/25/2015 06:31:11	18.57	50.86	33.44	6.89	7.84	4.5	2.507	89.8	3.6	0.8
2003	8/25/2015 06:46:11	18.51	50.96	33.51	6.88	7.84	4.5	2.579	89.6	3.1	0.7
2004	8/25/2015 07:01:12	18.43	50.91	33.48	6.84	7.84	4.5	2.630	89.0	3.5	0.8
2005	8/25/2015 07:16:12	18.37	50.84	33.42	6.82	7.84	4.3	2.710	88.6	2.9	0.7
2006	8/25/2015 07:31:12	18.27	50.83	33.41	6.79	7.84	4.8	2.774	88.1	2.7	0.6
2007	8/25/2015 07:46:11	18.18	50.77	33.37	6.76	7.83	4.6	2.832	87.4	3.2	0.7
2008	8/25/2015 08:01:11	18.04	50.74	33.35	6.77	7.83	4.4	2.892	87.4	2.9	0.7
2009	8/25/2015 08:16:11	17.93	50.60	33.25	6.79	7.84	4.4	2.951	87.4	2.8	0.7
2010	8/25/2015 08:31:11	17.76	50.63	33.27	6.85	7.84	4.5	3.009	87.9	3.2	0.8
2011	8/25/2015 08:46:11	17.68	50.52	33.19	6.84	7.84	4.0	3.056	87.6	2.9	0.7
2012	8/25/2015 09:01:12	17.49	50.52	33.18	6.87	7.84	3.5	3.094	87.6	2.4	0.6
2013	8/25/2015 09:16:12	17.43	50.49	33.16	6.86	7.84	3.7	3.128	87.5	2.5	0.6
2014	8/25/2015 09:31:12	18.08	50.76	33.36	6.62	7.80	4.5	3.154	85.6	3.0	0.7
2015	8/25/2015 09:46:11	18.23	50.76	33.36	6.42	7.78	4.2	3.166	83.2	2.8	0.7
2016	8/25/2015 10:01:11	17.54	50.80	33.39	6.71	7.80	3.3	3.160	85.9	2.5	0.6
2017	8/25/2015 10:16:12	17.79	50.38	33.08	6.68	7.81	8.5	3.149	85.6	2.4	0.6
2018	8/25/2015 10:31:11	17.53	50.47	33.14	6.80	7.83	5.1	3.123	86.8	2.3	0.5
2019	8/25/2015 10:46:11	18.04	50.93	33.49	6.51	7.79	5.9	3.079	84.2	2.7	0.6
2020	8/25/2015 11:01:12	17.98	50.80	33.39	6.47	7.78	10.1	3.029	83.4	3.6	0.8
2021	8/25/2015 11:16:11	18.07	50.78	33.38	6.60	7.79	9.9	2.975	85.3	2.9	0.7
2022	8/25/2015 11:31:12	18.19	50.73	33.34	6.78	7.82	8.9	2.917	87.8	2.8	0.7
2023	8/25/2015 11:46:11	18.21	50.78	33.38	6.70	7.82	5.5	2.872	86.7	2.7	0.6
2024	8/25/2015 12:01:11	18.27	50.80	33.40	6.82	7.82	9.4	2.800	88.4	2.7	0.6
2025	8/25/2015 12:16:11	18.29	50.81	33.40	6.74	7.81	3.7	2.760	87.5	2.1	0.5
2026	8/25/2015 12:31:11	18.31	50.84	33.43	6.62	7.80	4.3	2.702	85.9	2.9	0.7
2027	8/25/2015 12:46:11	18.35	50.71	33.33	6.63	7.80	10.9	2.653	86.1	2.9	0.7
2028	8/25/2015 13:01:11	18.39	50.81	33.40	6.64	7.80	4.3	2.625	86.3	3.1	0.7
2029	8/25/2015 13:16:11	18.42	50.76	33.37	6.51	7.78	3.5	2.572	84.7	3.2	0.8
2030	8/25/2015 13:31:11	18.44	50.81	33.40	6.52	7.78	5.6	2.550	84.8	2.7	0.6
2031	8/25/2015 13:46:11	18.46	50.74	33.35	6.33	7.75	6.6	2.526	82.3	2.7	0.6
2032	8/25/2015 14:01:11	18.47	50.81	33.41	6.10	7.73	2.8	2.506	79.4	2.6	0.6
2033	8/25/2015 14:16:11	18.48	50.85	33.43	6.36	7.72	6.7	2.487	82.9	2.4	0.6
2034	8/25/2015 14:31:11	18.42	50.83	33.41	6.86	7.80	5.0	2.480	89.2	2.9	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	Fluorescence %FS
	Mean	18.27	51.10	33.61	7.37	7.90	5.15	2.71	95.63	3.23	0.76
	Minimum	14.27	49.82	32.66	5.58	7.72	1.30	1.32	72.90	1.20	0.30
	Maximum	21.57	51.79	34.12	9.93	8.11	27.20	3.88	127.00	16.30	3.80

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

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 #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
0	8/25/2015 15:00:52	18.35	51.06	33.59	7.17	7.87	3.1	2.450	93.2	3.8	0.9
1	8/25/2015 15:15:52	18.37	51.06	33.59	7.13	7.89	2.4	2.492	92.7	3.4	0.8
2	8/25/2015 15:30:51	18.42	51.07	33.59	7.13	7.89	2.9	2.527	92.8	3.3	0.8
3	8/25/2015 15:45:52	18.41	51.08	33.60	7.07	7.90	2.5	2.555	92.1	4.0	1.0
4	8/25/2015 16:00:52	18.39	51.06	33.59	7.06	7.90	2.7	2.609	91.9	3.4	0.8
5	8/25/2015 16:15:52	18.30	51.01	33.55	7.11	7.91	3.3	2.661	92.3	2.2	0.5
6	8/25/2015 16:30:52	18.20	51.01	33.55	7.12	7.91	3.4	2.718	92.3	2.7	0.6
7	8/25/2015 16:45:52	18.15	50.97	33.52	7.18	7.92	3.5	2.777	92.9	3.2	0.8
8	8/25/2015 17:00:51	18.10	50.92	33.48	7.20	7.93	3.0	2.847	93.1	3.3	0.8
9	8/25/2015 17:15:52	18.02	50.88	33.45	7.16	7.94	3.1	2.927	92.4	3.1	0.7
10	8/25/2015 17:30:52	17.88	50.84	33.42	7.16	7.94	3.8	2.987	92.2	2.6	0.6
11	8/25/2015 17:45:52	17.71	50.77	33.37	7.21	7.95	3.2	3.055	92.5	2.0	0.5
12	8/25/2015 18:00:52	17.51	50.71	33.33	7.28	7.97	3.4	3.128	93.0	2.2	0.5
13	8/25/2015 18:15:52	17.36	50.66	33.29	7.38	7.98	3.7	3.206	94.0	1.6	0.4
14	8/25/2015 18:30:52	17.23	50.63	33.26	7.45	7.99	3.7	3.278	94.6	1.9	0.5
15	8/25/2015 18:45:52	17.11	50.54	33.20	7.56	8.01	3.5	3.343	95.8	2.8	0.7
16	8/25/2015 19:00:52	16.95	50.48	33.15	7.68	8.02	4.1	3.416	97.0	2.1	0.5
17	8/25/2015 19:15:52	16.81	50.45	33.13	7.77	8.04	3.2	3.489	97.8	2.5	0.6
18	8/25/2015 19:30:52	16.72	50.39	33.08	7.84	8.05	2.9	3.546	98.5	2.3	0.5
19	8/25/2015 19:45:52	16.65	50.38	33.07	7.92	8.05	2.9	3.601	99.4	2.2	0.5
20	8/25/2015 20:00:52	17.56	50.62	33.26	7.97	8.06	2.9	3.654	101.9	2.1	0.5
21	8/25/2015 20:15:52	16.66	50.15	32.90	8.12	8.08	2.3	3.697	101.8	2.8	0.7
22	8/25/2015 20:30:52	16.74	50.31	33.02	8.15	8.08	2.0	3.724	102.4	3.0	0.7
23	8/25/2015 20:45:52	17.27	50.46	33.14	7.75	8.04	2.9	3.734	98.5	2.8	0.7
24	8/25/2015 21:00:52	16.94	50.42	33.10	7.80	8.05	2.3	3.745	98.4	2.9	0.7
25	8/25/2015 21:15:52	17.81	50.71	33.32	7.35	7.99	3.5	3.728	94.5	2.8	0.7
26	8/25/2015 21:30:52	17.67	50.67	33.30	7.23	7.98	3.5	3.694	92.7	3.1	0.7
27	8/25/2015 21:45:52	17.45	50.61	33.25	7.22	7.98	4.1	3.640	92.1	7.8	1.9
28	8/25/2015 22:00:52	16.99	50.49	33.15	7.23	7.99	4.0	3.583	91.4	2.2	0.5
29	8/25/2015 22:15:52	16.91	50.44	33.12	7.42	8.01	4.8	3.506	93.6	3.2	0.8
30	8/25/2015 22:30:52	16.87	50.41	33.10	7.58	8.02	3.6	3.412	95.5	3.0	0.7
31	8/25/2015 22:45:52	16.92	50.45	33.12	7.46	8.01	4.3	3.322	94.1	2.4	0.6
32	8/25/2015 23:00:52	17.25	50.51	33.17	7.44	8.01	4.8	3.240	94.6	3.6	0.9
33	8/25/2015 23:15:52	17.26	50.51	33.17	7.59	8.01	4.9	3.138	96.4	2.9	0.7
34	8/25/2015 23:30:52	17.38	50.54	33.20	7.54	8.01	4.3	3.037	96.1	2.1	0.5
35	8/25/2015 23:45:52	17.55	50.57	33.22	7.50	8.00	4.6	2.943	95.8	3.2	0.8
36	8/26/2015 00:00:52	17.96	50.71	33.33	7.36	7.98	4.6	2.845	94.8	3.3	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
37	8/26/2015 00:15:52	18.21	50.76	33.36	7.28	7.97	5.2	2.748	94.3	3.0	0.7
38	8/26/2015 00:30:52	18.43	50.86	33.44	7.50	7.98	6.3	2.625	97.5	2.9	0.7
39	8/26/2015 00:45:52	18.44	50.85	33.43	7.66	7.98	6.0	2.527	99.7	3.0	0.7
40	8/26/2015 01:00:51	18.45	50.88	33.45	7.67	7.98	6.3	2.412	99.8	3.5	0.8
41	8/26/2015 01:15:52	18.30	50.84	33.42	7.43	7.96	7.2	2.301	96.5	3.2	0.8
42	8/26/2015 01:30:52	18.09	50.78	33.38	7.18	7.94	7.4	2.183	92.8	2.6	0.6
43	8/26/2015 01:45:52	18.01	50.75	33.35	7.08	7.94	6.8	2.066	91.3	2.8	0.7
44	8/26/2015 02:00:52	18.06	50.78	33.38	7.01	7.93	6.4	1.966	90.6	3.0	0.7
45	8/26/2015 02:15:52	18.09	50.78	33.38	6.89	7.92	5.9	1.850	89.1	2.9	0.7
46	8/26/2015 02:30:52	18.09	50.82	33.41	6.85	7.91	5.6	1.757	88.5	3.0	0.7
47	8/26/2015 02:45:52	18.18	50.85	33.43	6.83	7.91	5.2	1.679	88.4	2.5	0.6
48	8/26/2015 03:00:52	18.21	50.84	33.43	6.74	7.90	5.2	1.609	87.4	3.9	0.9
49	8/26/2015 03:15:52	18.17	50.84	33.43	6.67	7.89	5.3	1.556	86.4	3.5	0.8
50	8/26/2015 03:30:52	18.32	50.90	33.47	6.70	7.89	4.2	1.538	87.0	2.7	0.7
51	8/26/2015 03:45:52	18.47	50.89	33.46	6.80	7.90	4.2	1.537	88.6	3.0	0.7
52	8/26/2015 04:00:52	18.41	50.92	33.49	6.86	7.90	3.8	1.546	89.2	3.6	0.9
53	8/26/2015 04:15:52	18.32	50.86	33.44	6.87	7.90	3.7	1.583	89.2	2.2	0.5
54	8/26/2015 04:30:52	18.48	50.92	33.48	6.98	7.91	3.2	1.639	91.0	2.6	0.6
55	8/26/2015 04:45:52	18.72	50.99	33.54	7.24	7.93	3.5	1.697	94.8	2.5	0.6
56	8/26/2015 05:00:52	18.69	50.98	33.53	7.24	7.93	3.7	1.771	94.7	2.9	0.7
57	8/26/2015 05:15:52	18.70	50.97	33.52	7.24	7.93	3.7	1.850	94.7	3.6	0.9
58	8/26/2015 05:30:52	18.83	50.99	33.54	7.15	7.92	5.5	1.916	93.8	4.0	0.9
59	8/26/2015 05:45:52	18.85	50.97	33.52	7.04	7.91	6.3	1.991	92.3	4.0	0.9
60	8/26/2015 06:00:52	18.62	50.91	33.48	7.05	7.91	5.1	2.068	92.1	3.8	0.9
61	8/26/2015 06:15:52	18.52	50.88	33.45	7.05	7.91	4.7	2.148	91.9	3.4	0.8
62	8/26/2015 06:30:51	18.54	50.86	33.44	7.12	7.91	5.1	2.217	92.8	4.1	1.0
63	8/26/2015 06:45:51	18.55	50.87	33.44	7.14	7.91	4.6	2.301	93.1	3.0	0.7
64	8/26/2015 07:00:52	18.49	50.88	33.46	7.12	7.92	4.6	2.388	92.8	2.9	0.7
65	8/26/2015 07:15:52	18.33	50.84	33.43	6.99	7.91	5.0	2.486	90.8	2.9	0.7
66	8/26/2015 07:30:52	18.30	50.85	33.43	6.96	7.91	4.6	2.561	90.4	2.1	0.5
67	8/26/2015 07:45:52	18.25	50.83	33.41	6.97	7.91	4.7	2.647	90.3	2.7	0.6
68	8/26/2015 08:00:52	18.20	50.83	33.42	6.97	7.91	4.9	2.724	90.3	2.4	0.6
69	8/26/2015 08:15:52	18.11	50.78	33.38	6.99	7.91	5.0	2.793	90.3	2.9	0.7
70	8/26/2015 08:30:52	18.01	50.73	33.34	7.01	7.91	5.2	2.871	90.4	3.1	0.7
71	8/26/2015 08:45:52	17.93	50.70	33.32	7.01	7.92	5.7	2.937	90.3	2.3	0.5
72	8/26/2015 09:00:52	17.73	50.63	33.27	7.05	7.93	5.4	3.008	90.4	2.1	0.5
73	8/26/2015 09:15:52	17.52	50.54	33.20	7.11	7.94	5.6	3.068	90.8	1.5	0.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
74	8/26/2015 09:30:52	17.22	50.42	33.11	7.28	7.96	4.9	3.135	92.4	2.3	0.5
75	8/26/2015 09:45:52	17.08	50.40	33.09	7.34	7.97	4.3	3.194	92.9	2.8	0.7
76	8/26/2015 10:00:52	17.13	50.39	33.08	7.30	7.97	3.8	3.233	92.4	2.6	0.6
77	8/26/2015 10:15:52	16.98	50.36	33.06	7.36	7.98	3.1	3.275	92.9	2.2	0.5
78	8/26/2015 10:30:52	17.10	50.37	33.07	7.36	7.98	3.2	3.310	93.1	3.1	0.7
79	8/26/2015 10:45:52	17.86	50.62	33.26	7.11	7.94	3.4	3.302	91.4	2.0	0.5
80	8/26/2015 11:00:52	17.33	50.46	33.14	7.16	7.96	2.9	3.287	91.0	2.1	0.5
81	8/26/2015 11:15:52	17.37	50.45	33.13	7.37	7.97	5.4	3.273	93.8	2.1	0.5
82	8/26/2015 11:30:52	17.32	50.44	33.12	7.34	7.98	3.4	3.230	93.3	1.7	0.4
83	8/26/2015 11:45:52	17.64	50.50	33.17	7.41	7.97	4.3	3.164	94.9	1.7	0.4
84	8/26/2015 12:00:52	17.80	50.55	33.21	7.42	7.97	4.8	3.090	95.2	2.2	0.5
85	8/26/2015 12:15:52	17.85	50.54	33.20	7.42	7.97	4.5	3.032	95.3	2.3	0.6
86	8/26/2015 12:30:52	17.77	50.54	33.20	7.37	7.96	4.2	2.964	94.6	2.3	0.5
87	8/26/2015 12:45:52	18.02	50.57	33.23	7.41	7.96	3.8	2.894	95.5	2.4	0.6
88	8/26/2015 13:00:52	18.36	50.62	33.26	7.46	7.96	4.3	2.819	96.8	2.6	0.6
89	8/26/2015 13:15:52	18.43	50.69	33.31	7.42	7.95	3.9	2.770	96.4	2.4	0.6
90	8/26/2015 13:30:52	18.60	50.73	33.34	7.44	7.95	3.6	2.707	97.1	2.0	0.5
91	8/26/2015 13:45:52	18.73	50.77	33.38	7.50	7.95	3.5	2.644	98.0	2.5	0.6
92	8/26/2015 14:00:52	18.88	50.80	33.40	7.56	7.95	3.8	2.603	99.1	1.9	0.4
93	8/26/2015 14:15:52	18.96	50.83	33.42	7.58	7.95	3.1	2.555	99.6	2.1	0.5
94	8/26/2015 14:30:51	19.03	50.82	33.41	7.69	7.95	4.5	2.508	101.2	1.8	0.4
95	8/26/2015 14:45:51	19.08	50.82	33.41	7.74	7.95	3.4	2.463	102.0	2.5	0.6
96	8/26/2015 15:00:52	19.12	50.84	33.42	7.75	7.95	3.2	2.435	102.1	2.4	0.6
97	8/26/2015 15:15:52	19.16	50.84	33.43	7.69	7.95	2.4	2.422	101.4	1.7	0.4
98	8/26/2015 15:30:52	19.20	50.87	33.45	7.83	7.96	2.7	2.399	103.3	2.8	0.7
99	8/26/2015 15:45:52	19.18	50.82	33.41	7.88	7.96	3.6	2.396	103.9	2.9	0.7
100	8/26/2015 16:00:52	19.17	50.83	33.42	7.88	7.96	3.2	2.420	103.9	3.1	0.7
101	8/26/2015 16:15:52	19.11	50.81	33.40	7.86	7.96	3.1	2.448	103.6	3.4	0.8
102	8/26/2015 16:30:52	19.15	50.82	33.41	7.91	7.96	3.1	2.473	104.3	2.4	0.6
103	8/26/2015 16:45:52	19.20	50.81	33.41	7.98	7.96	3.4	2.519	105.3	3.0	0.7
104	8/26/2015 17:00:52	19.09	50.79	33.39	7.88	7.95	3.8	2.588	103.8	2.3	0.6
105	8/26/2015 17:15:52	19.08	50.72	33.33	8.02	7.97	4.7	2.648	105.6	3.0	0.7
106	8/26/2015 17:30:52	18.78	50.63	33.27	7.94	7.97	4.7	2.708	103.9	3.7	0.9
107	8/26/2015 17:45:52	18.72	50.66	33.29	7.84	7.96	4.2	2.781	102.5	2.7	0.6
108	8/26/2015 18:00:52	18.71	50.66	33.29	7.79	7.96	4.5	2.856	101.8	2.8	0.7
109	8/26/2015 18:15:52	18.50	50.61	33.26	7.74	7.95	4.4	2.935	100.7	3.1	0.7
110	8/26/2015 18:30:52	18.26	50.56	33.22	7.68	7.96	4.9	3.002	99.4	3.2	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
111	8/26/2015 18:45:52	18.03	50.51	33.18	7.66	7.96	4.2	3.081	98.7	2.6	0.6
112	8/26/2015 19:00:52	17.87	50.47	33.15	7.65	7.97	5.4	3.162	98.4	3.1	0.7
113	8/26/2015 19:15:52	17.70	50.43	33.12	7.69	7.98	5.5	3.238	98.5	2.7	0.6
114	8/26/2015 19:30:52	17.51	50.34	33.06	7.66	7.99	6.7	3.324	97.7	2.7	0.6
115	8/26/2015 19:45:52	17.33	50.33	33.04	7.75	8.00	5.6	3.401	98.5	3.2	0.8
116	8/26/2015 20:00:52	17.08	50.23	32.97	7.89	8.02	6.2	3.485	99.8	2.8	0.7
117	8/26/2015 20:15:52	16.83	50.14	32.90	8.13	8.04	6.1	3.569	102.3	3.5	0.8
118	8/26/2015 20:30:52	16.66	50.11	32.88	8.25	8.06	4.8	3.636	103.5	3.3	0.8
119	8/26/2015 20:45:52	16.49	50.05	32.83	8.39	8.07	3.8	3.703	104.8	3.7	0.9
120	8/26/2015 21:00:52	16.30	49.97	32.76	8.56	8.09	4.9	3.769	106.5	3.1	0.7
121	8/26/2015 21:15:52	16.30	49.97	32.77	8.53	8.09	2.6	3.822	106.1	3.4	0.8
122	8/26/2015 21:30:52	16.23	49.97	32.77	8.53	8.10	2.9	3.841	106.0	3.7	0.9
123	8/26/2015 21:45:52	17.13	50.30	33.02	8.01	8.04	3.2	3.870	101.4	3.7	0.9
124	8/26/2015 22:00:52	16.21	50.01	32.79	8.46	8.08	2.2	3.866	105.0	2.5	0.6
125	8/26/2015 22:15:52	17.96	50.56	33.22	7.30	7.98	4.0	3.846	94.0	2.6	0.6
126	8/26/2015 22:30:52	16.92	50.19	32.94	8.00	8.04	3.4	3.800	100.9	2.3	0.6
127	8/26/2015 22:45:52	17.37	50.37	33.07	7.39	7.99	4.8	3.737	94.1	2.5	0.6
128	8/26/2015 23:00:52	16.96	50.23	32.97	7.63	8.01	5.0	3.661	96.2	2.8	0.7
129	8/26/2015 23:15:52	16.58	50.08	32.85	8.02	8.05	4.2	3.563	100.4	3.1	0.7
130	8/26/2015 23:30:52	16.78	50.15	32.90	8.05	8.05	5.2	3.467	101.2	3.3	0.8
131	8/26/2015 23:45:52	17.11	50.25	32.98	7.97	8.04	5.6	3.365	100.9	3.6	0.9
132	8/27/2015 00:00:52	17.14	50.25	32.98	8.06	8.04	7.0	3.252	102.0	3.8	0.9
133	8/27/2015 00:15:52	17.31	50.31	33.03	7.96	8.03	5.1	3.141	101.2	3.0	0.7
134	8/27/2015 00:30:52	17.56	50.39	33.09	7.82	8.02	5.5	3.031	99.9	3.5	0.8
135	8/27/2015 00:45:52	18.09	50.55	33.21	7.65	7.99	6.3	2.924	98.7	3.6	0.9
136	8/27/2015 01:00:52	18.39	50.65	33.28	7.57	7.97	6.2	2.804	98.3	3.3	0.8
137	8/27/2015 01:15:52	18.74	50.78	33.38	7.72	7.98	6.0	2.677	100.9	3.6	0.8
138	8/27/2015 01:30:52	18.87	50.78	33.39	7.92	7.98	7.1	2.561	103.8	4.0	0.9
139	8/27/2015 01:45:52	18.80	50.76	33.37	7.72	7.97	6.8	2.432	101.0	2.6	0.6
140	8/27/2015 02:00:52	18.53	50.70	33.32	7.53	7.96	7.5	2.299	98.1	2.7	0.6
141	8/27/2015 02:15:52	18.53	50.70	33.32	7.49	7.96	7.4	2.169	97.5	2.9	0.7
142	8/27/2015 02:30:52	18.51	50.69	33.32	7.55	7.96	8.7	2.039	98.3	2.8	0.7
143	8/27/2015 02:45:51	18.49	50.68	33.31	7.46	7.95	7.1	1.909	97.1	2.7	0.6
144	8/27/2015 03:00:52	18.55	50.72	33.33	7.37	7.94	6.8	1.791	96.0	3.2	0.8
145	8/27/2015 03:15:52	18.79	50.81	33.40	7.33	7.93	6.3	1.673	95.9	3.0	0.7
146	8/27/2015 03:30:52	18.93	50.83	33.42	7.36	7.93	5.2	1.571	96.7	3.3	0.8
147	8/27/2015 03:45:52	19.01	50.88	33.45	7.34	7.93	5.6	1.490	96.6	3.2	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
148	8/27/2015 04:00:52	19.10	50.89	33.46	7.32	7.92	5.2	1.416	96.4	3.3	0.8
149	8/27/2015 04:15:52	19.06	50.90	33.47	7.27	7.92	4.6	1.382	95.7	2.6	0.6
150	8/27/2015 04:30:52	19.14	50.95	33.51	7.28	7.92	3.8	1.359	96.0	2.6	0.6
151	8/27/2015 04:45:52	19.18	50.96	33.51	7.41	7.93	4.5	1.388	97.8	2.4	0.6
152	8/27/2015 05:00:52	19.15	50.92	33.49	7.39	7.92	3.7	1.423	97.5	3.5	0.8
153	8/27/2015 05:15:52	19.42	51.00	33.55	7.66	7.95	4.0	1.476	101.6	3.2	0.8
154	8/27/2015 05:30:51	19.69	51.06	33.59	8.00	7.97	4.4	1.558	106.6	2.4	0.6
155	8/27/2015 05:45:51	19.56	51.03	33.57	8.00	7.96	4.0	1.643	106.4	2.9	0.7
156	8/27/2015 06:00:51	19.86	51.04	33.57	7.73	7.94	6.5	1.726	103.4	3.3	0.8
157	8/27/2015 06:15:52	20.01	51.06	33.59	7.57	7.93	7.2	1.800	101.5	4.0	1.0
158	8/27/2015 06:30:51	19.85	51.02	33.55	7.61	7.92	7.1	1.895	101.7	3.4	0.8
159	8/27/2015 06:45:52	19.55	50.98	33.53	7.56	7.92	6.0	1.976	100.5	3.2	0.8
160	8/27/2015 07:00:52	19.44	50.92	33.49	7.54	7.92	5.6	2.067	100.0	3.0	0.7
161	8/27/2015 07:15:51	19.45	50.94	33.50	7.62	7.93	5.6	2.164	101.1	2.9	0.7
162	8/27/2015 07:30:51	19.34	50.93	33.49	7.68	7.93	5.1	2.250	101.6	2.9	0.7
163	8/27/2015 07:45:52	19.09	50.91	33.48	7.53	7.92	5.2	2.354	99.2	3.1	0.7
164	8/27/2015 08:00:52	18.95	50.88	33.45	7.38	7.91	4.8	2.441	97.0	2.3	0.5
165	8/27/2015 08:15:51	18.88	50.87	33.45	7.38	7.91	5.6	2.528	96.9	2.7	0.6
166	8/27/2015 08:30:52	18.86	50.88	33.46	7.33	7.91	5.6	2.630	96.2	2.8	0.7
167	8/27/2015 08:45:52	18.68	50.82	33.41	7.32	7.91	5.9	2.719	95.7	2.6	0.6
168	8/27/2015 09:00:52	18.56	50.78	33.38	7.34	7.92	6.5	2.807	95.7	2.8	0.7
169	8/27/2015 09:15:52	18.42	50.72	33.34	7.33	7.92	8.8	2.888	95.3	2.9	0.7
170	8/27/2015 09:30:52	18.02	50.59	33.24	7.39	7.93	9.4	2.980	95.3	2.7	0.6
171	8/27/2015 09:45:52	17.61	50.49	33.16	7.51	7.95	10.7	3.050	96.1	2.6	0.6
172	8/27/2015 10:00:52	17.22	50.37	33.07	7.68	7.97	7.8	3.135	97.5	2.1	0.5
173	8/27/2015 10:15:52	17.04	50.32	33.04	7.73	7.99	8.9	3.209	97.7	3.1	0.7
174	8/27/2015 10:30:52	16.97	50.27	33.00	7.59	7.99	9.6	3.269	95.8	2.8	0.7
175	8/27/2015 10:45:52	16.82	50.23	32.97	7.77	8.00	6.7	3.339	97.7	2.8	0.7
176	8/27/2015 11:00:52	16.65	50.21	32.94	7.92	8.02	5.4	3.380	99.2	3.6	0.9
177	8/27/2015 11:15:52	16.65	50.21	32.95	7.94	8.03	3.8	3.414	99.5	1.6	0.4
178	8/27/2015 11:30:52	16.71	50.15	32.90	7.86	8.02	2.3	3.441	98.6	1.4	0.3
179	8/27/2015 11:45:52	16.69	50.24	32.97	7.82	8.02	4.0	3.418	98.1	1.6	0.4
180	8/27/2015 12:00:52	17.10	50.30	33.02	7.67	8.01	5.0	3.399	97.0	1.3	0.3
181	8/27/2015 12:15:52	16.81	50.21	32.95	7.83	8.02	3.0	3.351	98.5	2.3	0.6
182	8/27/2015 12:30:52	17.06	50.33	33.04	7.74	8.01	7.1	3.276	97.9	2.2	0.5
183	8/27/2015 12:45:52	17.26	50.32	33.04	7.83	8.01	8.0	3.190	99.5	2.9	0.7
184	8/27/2015 13:00:52	17.52	50.35	33.06	7.87	8.01	8.0	3.106	100.4	2.3	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
185	8/27/2015 13:15:52	18.00	50.46	33.14	7.91	8.00	6.9	3.037	101.9	2.6	0.6
186	8/27/2015 13:30:52	18.31	50.54	33.20	7.93	8.00	7.1	2.934	102.8	2.6	0.6
187	8/27/2015 13:45:52	18.83	50.60	33.25	8.04	8.00	6.3	2.864	105.2	2.6	0.6
188	8/27/2015 14:00:52	19.02	50.69	33.32	7.99	7.98	6.0	2.778	105.0	2.7	0.6
189	8/27/2015 14:15:52	19.32	50.77	33.38	8.05	7.98	4.5	2.705	106.4	2.6	0.6
190	8/27/2015 14:30:52	19.51	50.80	33.40	8.10	7.98	4.5	2.630	107.5	2.4	0.6
191	8/27/2015 14:45:51	19.63	50.81	33.41	8.28	7.98	4.8	2.547	110.1	3.1	0.7
192	8/27/2015 15:00:52	19.85	50.88	33.45	8.32	7.98	4.9	2.496	111.2	2.4	0.6
193	8/27/2015 15:15:52	19.95	50.89	33.46	8.37	7.99	4.2	2.426	112.1	3.1	0.7
194	8/27/2015 15:30:51	20.03	50.89	33.46	8.45	7.99	3.8	2.368	113.3	2.0	0.5
195	8/27/2015 15:45:51	20.07	50.85	33.43	8.49	7.99	4.2	2.320	113.8	3.3	0.8
196	8/27/2015 16:00:51	20.11	50.86	33.44	8.47	7.99	3.1	2.279	113.7	1.6	0.4
197	8/27/2015 16:15:51	20.20	50.91	33.48	8.63	7.99	3.2	2.244	116.1	2.4	0.6
198	8/27/2015 16:30:51	20.24	50.91	33.47	8.58	7.99	3.2	2.243	115.5	3.5	0.8
199	8/27/2015 16:45:51	20.18	50.84	33.42	8.73	8.00	3.8	2.259	117.3	3.6	0.9
200	8/27/2015 17:00:51	20.07	50.83	33.41	8.74	8.00	3.5	2.271	117.2	3.2	0.8
201	8/27/2015 17:15:51	20.17	50.87	33.44	8.76	8.00	3.7	2.313	117.7	3.5	0.8
202	8/27/2015 17:30:51	20.13	50.85	33.43	8.73	7.99	5.2	2.356	117.2	3.9	0.9
203	8/27/2015 17:45:51	20.08	50.85	33.43	8.66	7.99	4.2	2.429	116.1	4.1	1.0
204	8/27/2015 18:00:51	20.44	50.84	33.42	8.54	7.98	7.9	2.510	115.3	4.1	1.0
205	8/27/2015 18:15:51	19.89	50.75	33.36	8.59	7.98	5.9	2.570	114.8	3.5	0.8
206	8/27/2015 18:30:51	19.74	50.74	33.35	8.51	7.98	5.5	2.652	113.5	3.9	0.9
207	8/27/2015 18:45:51	19.66	50.73	33.35	8.41	7.97	5.6	2.740	111.9	3.5	0.8
208	8/27/2015 19:00:52	19.19	50.67	33.30	8.10	7.96	5.6	2.810	106.7	3.4	0.8
209	8/27/2015 19:15:52	18.97	50.62	33.26	7.95	7.95	4.9	2.881	104.4	3.3	0.8
210	8/27/2015 19:30:52	18.68	50.58	33.24	7.87	7.96	7.3	2.974	102.7	3.5	0.8
211	8/27/2015 19:45:51	18.45	50.51	33.18	7.90	7.96	6.4	3.068	102.7	2.7	0.6
212	8/27/2015 20:00:52	18.13	50.47	33.15	7.86	7.97	8.2	3.149	101.5	3.1	0.7
213	8/27/2015 20:15:52	17.82	50.40	33.10	7.81	7.97	8.0	3.242	100.3	3.7	0.9
214	8/27/2015 20:30:52	17.60	50.34	33.05	7.80	7.98	7.9	3.344	99.7	2.6	0.6
215	8/27/2015 20:45:52	17.06	50.23	32.97	8.06	8.00	8.8	3.449	101.9	3.7	0.9
216	8/27/2015 21:00:52	16.62	50.15	32.90	8.25	8.03	9.6	3.534	103.3	3.5	0.8
217	8/27/2015 21:15:52	16.31	50.10	32.86	8.38	8.04	7.6	3.630	104.4	3.8	0.9
218	8/27/2015 21:30:52	15.80	50.01	32.79	8.62	8.06	7.0	3.723	106.2	2.6	0.6
219	8/27/2015 21:45:52	15.73	49.99	32.77	8.63	8.07	6.3	3.796	106.1	3.3	0.8
220	8/27/2015 22:00:52	15.60	49.89	32.69	8.69	8.08	4.8	3.863	106.6	4.0	1.0
221	8/27/2015 22:15:52	15.26	49.93	32.71	8.76	8.09	3.2	3.915	106.7	3.5	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
222	8/27/2015 22:30:52	15.32	49.94	32.73	8.66	8.09	2.6	3.952	105.7	3.8	0.9
223	8/27/2015 22:45:52	15.39	50.08	32.83	8.54	8.08	2.4	3.973	104.4	2.9	0.7
224	8/27/2015 23:00:52	15.74	50.10	32.85	8.41	8.07	2.8	3.961	103.5	3.3	0.8
225	8/27/2015 23:15:52	15.46	49.96	32.74	8.49	8.08	3.2	3.926	103.8	2.0	0.5
226	8/27/2015 23:30:52	15.54	49.99	32.77	8.46	8.08	3.3	3.878	103.7	3.2	0.8
227	8/27/2015 23:45:52	16.03	50.07	32.83	8.17	8.05	5.2	3.796	101.1	2.5	0.6
228	8/28/2015 00:00:52	16.22	50.07	32.84	8.21	8.05	5.7	3.691	102.1	4.0	1.0
229	8/28/2015 00:15:52	16.10	50.13	32.88	8.40	8.06	6.4	3.579	104.1	4.1	1.0
230	8/28/2015 00:30:52	17.05	50.28	33.00	8.03	8.03	6.8	3.484	101.5	3.3	0.8
231	8/28/2015 00:45:52	17.31	50.31	33.03	8.19	8.04	9.0	3.359	104.0	3.1	0.7
232	8/28/2015 01:00:52	17.23	50.31	33.03	8.14	8.03	7.4	3.218	103.3	3.2	0.8
233	8/28/2015 01:15:52	17.50	50.33	33.04	7.95	8.02	6.9	3.111	101.4	3.2	0.8
234	8/28/2015 01:30:52	18.12	50.50	33.17	7.74	7.99	7.8	2.977	100.0	3.3	0.8
235	8/28/2015 01:45:52	18.35	50.53	33.19	7.66	7.98	7.8	2.846	99.4	3.1	0.7
236	8/28/2015 02:00:52	19.08	50.67	33.30	7.67	7.97	7.9	2.731	100.9	4.2	1.0
237	8/28/2015 02:15:52	19.04	50.68	33.31	7.69	7.97	6.5	2.585	101.1	2.9	0.7
238	8/28/2015 02:30:52	18.60	50.60	33.25	7.58	7.96	8.3	2.432	98.8	3.3	0.8
239	8/28/2015 02:45:52	18.40	50.54	33.21	7.64	7.96	8.2	2.306	99.2	3.5	0.8
240	8/28/2015 03:00:52	18.61	50.60	33.25	7.69	7.97	7.7	2.176	100.3	3.5	0.8
241	8/28/2015 03:15:52	18.81	50.68	33.31	7.67	7.97	6.7	2.027	100.4	3.2	0.8
242	8/28/2015 03:30:52	18.80	50.69	33.31	7.64	7.96	6.7	1.897	100.0	3.2	0.8
243	8/28/2015 03:45:52	19.09	50.70	33.32	7.58	7.95	7.9	1.761	99.8	3.1	0.7
244	8/28/2015 04:00:51	19.14	50.73	33.35	7.51	7.94	6.8	1.633	99.0	3.4	0.8
245	8/28/2015 04:15:52	19.42	50.82	33.41	7.45	7.94	6.8	1.505	98.7	2.7	0.7
246	8/28/2015 04:30:52	19.61	50.86	33.44	7.45	7.93	5.6	1.403	99.1	3.1	0.7
247	8/28/2015 04:45:52	19.75	50.90	33.47	7.46	7.93	4.9	1.318	99.4	3.9	0.9
248	8/28/2015 05:00:52	19.91	50.94	33.50	7.47	7.93	5.1	1.247	99.9	2.5	0.6
249	8/28/2015 05:15:52	19.99	50.92	33.48	7.39	7.92	4.5	1.235	99.1	2.7	0.7
250	8/28/2015 05:30:51	19.85	50.93	33.49	7.53	7.93	5.4	1.287	100.6	3.2	0.8
251	8/28/2015 05:45:51	19.87	50.97	33.52	7.59	7.93	4.5	1.295	101.5	3.0	0.7
252	8/28/2015 06:00:52	19.99	50.96	33.51	7.62	7.94	4.2	1.384	102.1	2.9	0.7
253	8/28/2015 06:15:51	20.40	51.07	33.59	8.04	7.97	4.7	1.503	108.6	3.5	0.8
254	8/28/2015 06:30:51	20.31	51.06	33.58	8.06	7.96	4.3	1.560	108.7	3.2	0.8
255	8/28/2015 06:45:51	20.48	51.05	33.57	7.86	7.95	5.5	1.676	106.3	3.3	0.8
256	8/28/2015 07:00:51	20.49	51.03	33.56	7.77	7.94	7.1	1.738	105.1	3.3	0.8
257	8/28/2015 07:15:52	20.20	50.99	33.54	7.70	7.93	6.0	1.846	103.6	3.1	0.7
258	8/28/2015 07:30:51	20.08	50.96	33.51	7.70	7.93	5.6	1.942	103.3	2.8	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
259	8/28/2015 07:45:51	20.05	50.95	33.51	7.71	7.93	5.5	2.019	103.4	2.5	0.6
260	8/28/2015 08:00:52	20.00	50.96	33.51	7.72	7.94	5.6	2.138	103.5	2.3	0.6
261	8/28/2015 08:15:52	19.69	50.90	33.47	7.63	7.93	5.7	2.225	101.6	3.0	0.7
262	8/28/2015 08:30:52	19.51	50.86	33.44	7.53	7.92	5.4	2.341	100.0	2.9	0.7
263	8/28/2015 08:45:51	19.39	50.81	33.41	7.50	7.91	6.0	2.433	99.4	3.6	0.9
264	8/28/2015 09:00:52	19.20	50.79	33.39	7.47	7.91	6.8	2.542	98.6	2.5	0.6
265	8/28/2015 09:15:52	19.03	50.73	33.35	7.47	7.92	7.0	2.634	98.3	2.3	0.6
266	8/28/2015 09:30:52	18.93	50.71	33.33	7.42	7.92	9.4	2.734	97.4	2.3	0.5
267	8/28/2015 09:45:52	18.57	50.60	33.25	7.45	7.92	13.1	2.857	97.1	2.6	0.6
268	8/28/2015 10:00:52	18.04	50.48	33.16	7.54	7.94	14.5	2.921	97.2	2.7	0.6
269	8/28/2015 10:15:52	17.53	50.39	33.09	7.65	7.95	12.9	3.039	97.6	2.4	0.6
270	8/28/2015 10:30:52	16.97	50.29	33.01	7.84	7.98	14.6	3.152	98.9	3.0	0.7
271	8/28/2015 10:45:52	16.72	50.22	32.95	7.88	7.99	11.2	3.221	99.0	2.8	0.7
272	8/28/2015 11:00:52	16.47	50.16	32.91	8.00	8.01	13.4	3.311	99.9	3.1	0.7
273	8/28/2015 11:15:52	16.21	50.14	32.89	8.11	8.02	10.2	3.408	100.7	2.4	0.6
274	8/28/2015 11:30:52	16.19	50.12	32.87	8.09	8.03	6.5	3.451	100.4	2.0	0.5
275	8/28/2015 11:45:52	16.00	50.07	32.83	8.18	8.04	6.9	3.496	101.1	2.9	0.7
276	8/28/2015 12:00:52	15.66	50.04	32.81	8.26	8.05	3.9	3.540	101.5	1.7	0.4
277	8/28/2015 12:15:52	15.70	49.99	32.77	8.11	8.04	2.6	3.553	99.8	2.8	0.7
278	8/28/2015 12:30:52	15.97	50.12	32.87	8.05	8.04	4.6	3.536	99.5	2.7	0.7
279	8/28/2015 12:45:52	15.62	50.04	32.80	8.17	8.04	5.8	3.489	100.3	2.4	0.6
280	8/28/2015 13:00:52	15.88	50.13	32.88	8.12	8.04	6.5	3.447	100.3	2.2	0.5
281	8/28/2015 13:15:52	16.32	50.15	32.90	8.03	8.04	5.9	3.372	100.1	2.1	0.5
282	8/28/2015 13:30:52	16.85	50.15	32.90	8.25	8.05	8.4	3.265	103.8	2.3	0.5
283	8/28/2015 13:45:52	16.70	50.14	32.90	8.29	8.04	6.3	3.160	104.0	2.5	0.6
284	8/28/2015 14:00:52	17.61	50.34	33.05	8.03	8.02	6.1	3.077	102.6	2.4	0.6
285	8/28/2015 14:15:52	18.02	50.41	33.11	7.96	8.01	7.9	2.979	102.6	3.0	0.7
286	8/28/2015 14:30:52	18.33	50.49	33.17	8.00	8.00	6.5	2.875	103.7	3.6	0.9
287	8/28/2015 14:45:52	18.90	50.62	33.27	7.97	7.99	6.5	2.780	104.5	3.4	0.8
288	8/28/2015 15:00:52	19.28	50.70	33.32	7.95	7.98	6.2	2.689	105.0	3.7	0.9
289	8/28/2015 15:15:52	19.51	50.72	33.34	8.10	7.99	5.9	2.597	107.4	4.0	1.0
290	8/28/2015 15:30:52	19.65	50.77	33.38	8.11	7.98	4.6	2.527	107.9	3.0	0.7
291	8/28/2015 15:45:52	19.80	50.78	33.38	8.31	7.99	5.4	2.417	110.9	3.3	0.8
292	8/28/2015 16:00:52	19.90	50.81	33.40	8.35	7.99	4.5	2.328	111.7	3.0	0.7
293	8/28/2015 16:15:52	19.94	50.80	33.39	8.53	8.00	4.5	2.289	114.0	3.0	0.7
294	8/28/2015 16:30:52	19.80	50.78	33.38	8.37	7.99	4.8	2.206	111.7	3.1	0.7
295	8/28/2015 16:45:51	19.88	50.77	33.37	8.59	8.01	4.2	2.131	114.8	2.9	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
296	8/28/2015 17:00:52	19.97	50.81	33.40	8.50	8.00	3.9	2.091	113.8	4.1	1.0
297	8/28/2015 17:15:52	19.93	50.78	33.38	8.55	8.00	3.1	2.087	114.3	3.1	0.7
298	8/28/2015 17:30:52	19.69	50.66	33.29	8.98	8.03	4.2	2.066	119.5	3.4	0.8
299	8/28/2015 17:45:52	20.17	50.86	33.44	8.73	8.01	4.0	2.058	117.3	3.6	0.9
300	8/28/2015 18:00:51	20.26	50.85	33.43	8.71	8.00	3.8	2.122	117.2	2.9	0.7
301	8/28/2015 18:15:51	20.29	50.89	33.46	8.61	7.99	4.4	2.160	116.0	4.0	1.0
302	8/28/2015 18:30:51	20.43	50.91	33.48	8.59	7.99	4.8	2.227	116.0	3.8	0.9
303	8/28/2015 18:45:52	20.47	50.90	33.47	8.51	7.98	7.1	2.312	115.0	4.7	1.1
304	8/28/2015 19:00:51	20.13	50.82	33.41	8.44	7.97	7.1	2.401	113.3	4.0	0.9
305	8/28/2015 19:15:51	19.84	50.73	33.34	8.40	7.97	5.8	2.491	112.2	3.7	0.9
306	8/28/2015 19:30:52	19.78	50.77	33.37	8.29	7.97	5.7	2.579	110.6	4.2	1.0
307	8/28/2015 19:45:52	19.09	50.62	33.27	8.10	7.96	6.7	2.672	106.6	3.4	0.8
308	8/28/2015 20:00:52	18.71	50.57	33.23	7.92	7.95	6.3	2.764	103.4	4.3	1.0
309	8/28/2015 20:15:52	18.60	50.56	33.22	7.88	7.95	6.6	2.855	102.7	3.9	0.9
310	8/28/2015 20:30:52	18.22	50.48	33.16	7.89	7.96	9.3	2.967	102.1	3.6	0.9
311	8/28/2015 20:45:52	17.83	50.39	33.09	7.94	7.97	10.4	3.054	101.9	4.0	0.9
312	8/28/2015 21:00:52	17.57	50.34	33.05	7.97	7.98	10.1	3.163	101.8	2.9	0.7
313	8/28/2015 21:15:52	17.01	50.25	32.98	8.14	8.00	11.8	3.277	102.9	3.4	0.8
314	8/28/2015 21:30:52	16.52	50.15	32.90	8.26	8.01	10.9	3.383	103.3	3.3	0.8
315	8/28/2015 21:45:52	15.89	50.05	32.82	8.44	8.03	10.9	3.492	104.2	3.2	0.8
316	8/28/2015 22:00:52	15.47	50.01	32.78	8.58	8.05	9.9	3.593	105.1	3.5	0.8
317	8/28/2015 22:15:52	15.13	49.95	32.73	8.75	8.07	9.4	3.701	106.4	3.2	0.8
318	8/28/2015 22:30:52	14.97	49.95	32.72	8.78	8.08	5.6	3.792	106.4	4.2	1.0
319	8/28/2015 22:45:52	14.86	49.94	32.72	8.77	8.09	5.4	3.860	106.0	3.7	0.9
320	8/28/2015 23:00:52	14.85	49.94	32.72	8.77	8.09	3.4	3.935	105.9	3.0	0.7
321	8/28/2015 23:15:52	14.74	49.93	32.70	8.74	8.09	3.5	3.991	105.4	3.2	0.8
322	8/28/2015 23:30:52	14.68	49.92	32.69	8.76	8.09	2.8	4.032	105.5	3.1	0.7
323	8/28/2015 23:45:52	15.64	49.74	32.59	8.39	8.07	3.2	4.046	102.9	3.3	0.8
324	8/29/2015 00:00:52	14.70	49.94	32.71	8.58	8.08	2.4	4.024	103.3	3.7	0.9
325	8/29/2015 00:15:52	15.42	50.02	32.79	8.32	8.06	5.7	3.987	101.7	2.5	0.6
326	8/29/2015 00:30:52	15.41	49.95	32.74	8.35	8.06	5.0	3.929	102.1	2.1	0.5
327	8/29/2015 00:45:52	15.16	49.95	32.73	8.50	8.07	5.2	3.827	103.4	3.2	0.8
328	8/29/2015 01:00:52	15.33	49.96	32.74	8.44	8.07	5.9	3.723	103.0	3.2	0.8
329	8/29/2015 01:15:52	15.55	50.07	32.82	8.41	8.07	6.1	3.590	103.1	2.8	0.7
330	8/29/2015 01:30:52	16.56	50.18	32.92	8.12	8.04	7.5	3.502	101.6	3.3	0.8
331	8/29/2015 01:45:52	16.50	50.11	32.87	8.19	8.04	10.5	3.358	102.4	3.3	0.8
332	8/29/2015 02:00:53	16.69	50.19	32.93	8.10	8.03	8.1	3.230	101.7	3.2	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
333	8/29/2015 02:15:52	17.15	50.23	32.96	7.89	8.01	7.9	3.096	99.9	3.6	0.9
334	8/29/2015 02:30:52	17.38	50.22	32.96	7.81	8.00	8.0	2.964	99.4	3.8	0.9
335	8/29/2015 02:45:52	17.75	50.23	32.98	7.71	7.99	8.2	2.840	98.7	3.1	0.7
336	8/29/2015 03:00:52	18.19	50.36	33.07	7.55	7.97	8.2	2.690	97.5	3.1	0.7
337	8/29/2015 03:15:52	17.62	50.19	32.94	7.67	7.97	8.9	2.551	97.9	2.6	0.6
338	8/29/2015 03:30:52	17.63	50.23	32.97	7.69	7.98	7.9	2.414	98.2	3.2	0.8
339	8/29/2015 03:45:52	18.11	50.37	33.08	7.63	7.98	8.2	2.260	98.5	2.4	0.6
340	8/29/2015 04:00:52	18.14	50.37	33.08	7.61	7.97	8.3	2.122	98.2	3.3	0.8
341	8/29/2015 04:15:52	18.25	50.36	33.07	7.54	7.96	9.2	1.965	97.6	3.2	0.8
342	8/29/2015 04:30:52	18.56	50.45	33.14	7.42	7.95	8.5	1.837	96.5	3.1	0.7
343	8/29/2015 04:45:52	18.84	50.48	33.16	7.34	7.94	8.1	1.701	96.0	3.1	0.7
344	8/29/2015 05:00:52	19.09	50.53	33.20	7.26	7.93	8.0	1.560	95.5	2.9	0.7
345	8/29/2015 05:15:51	19.48	50.61	33.26	7.25	7.93	7.3	1.451	96.2	3.1	0.7
346	8/29/2015 05:30:52	19.58	50.65	33.29	7.20	7.92	7.8	1.372	95.6	2.6	0.6
347	8/29/2015 05:45:51	19.64	50.63	33.27	7.16	7.91	6.0	1.295	95.2	2.7	0.6
348	8/29/2015 06:00:52	19.88	50.72	33.34	7.11	7.91	5.7	1.254	94.9	3.4	0.8
349	8/29/2015 06:15:52	20.01	50.74	33.35	7.09	7.91	5.9	1.275	95.0	2.9	0.7
350	8/29/2015 06:30:52	19.69	50.67	33.30	7.14	7.90	5.2	1.308	95.0	2.9	0.7
351	8/29/2015 06:45:52	19.76	50.68	33.31	7.15	7.91	4.9	1.380	95.3	2.5	0.6
352	8/29/2015 07:00:52	20.22	50.79	33.39	7.34	7.93	4.6	1.464	98.7	2.8	0.7
353	8/29/2015 07:15:51	20.11	50.76	33.36	7.40	7.92	4.8	1.583	99.3	3.0	0.7
354	8/29/2015 07:30:51	20.24	50.58	33.23	7.19	7.90	8.2	1.686	96.6	2.7	0.7
355	8/29/2015 07:45:51	20.21	50.58	33.23	7.16	7.90	8.2	1.780	96.2	3.5	0.8
356	8/29/2015 08:00:51	19.83	50.60	33.25	7.28	7.90	6.8	1.908	97.1	2.6	0.6
357	8/29/2015 08:15:52	19.71	50.58	33.24	7.26	7.91	6.5	2.011	96.6	3.1	0.7
358	8/29/2015 08:30:52	19.68	50.58	33.23	7.29	7.91	6.7	2.119	96.9	3.2	0.8
359	8/29/2015 08:45:52	19.44	50.53	33.20	7.31	7.91	5.7	2.228	96.8	2.7	0.6
360	8/29/2015 09:00:52	19.28	50.55	33.21	7.32	7.91	6.2	2.351	96.6	2.9	0.7
361	8/29/2015 09:15:52	19.20	50.51	33.19	7.32	7.91	6.3	2.451	96.5	2.5	0.6
362	8/29/2015 09:30:52	19.03	50.50	33.18	7.35	7.91	8.3	2.560	96.5	2.8	0.7
363	8/29/2015 09:45:52	18.75	50.44	33.13	7.43	7.92	8.9	2.672	97.1	2.9	0.7
364	8/29/2015 10:00:52	18.67	50.43	33.13	7.44	7.92	10.8	2.775	97.0	2.1	0.5
365	8/29/2015 10:15:52	18.22	50.31	33.04	7.54	7.93	14.0	2.888	97.4	2.8	0.7
366	8/29/2015 10:30:52	17.90	50.28	33.01	7.65	7.94	14.0	2.982	98.3	2.2	0.5
367	8/29/2015 10:45:52	17.14	50.12	32.89	7.91	7.97	12.8	3.090	100.1	2.6	0.6
368	8/29/2015 11:00:52	16.74	50.05	32.83	8.01	7.99	14.5	3.192	100.5	3.3	0.8
369	8/29/2015 11:15:52	16.52	50.00	32.79	8.09	8.00	13.0	3.296	101.1	2.9	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
370	8/29/2015 11:30:52	16.28	49.97	32.76	8.18	8.02	12.5	3.395	101.7	2.3	0.6
371	8/29/2015 11:45:52	16.20	49.96	32.76	8.19	8.02	10.4	3.489	101.6	2.5	0.6
372	8/29/2015 12:00:52	16.03	49.88	32.69	8.29	8.04	11.5	3.572	102.5	2.7	0.6
373	8/29/2015 12:15:52	15.92	49.88	32.69	8.41	8.05	6.7	3.640	103.8	2.9	0.7
374	8/29/2015 12:30:52	15.86	49.84	32.66	8.50	8.07	4.2	3.702	104.7	2.7	0.6
375	8/29/2015 12:45:53	15.90	49.86	32.68	8.51	8.07	2.9	3.727	105.0	2.0	0.5
376	8/29/2015 13:00:52	16.48	49.96	32.76	8.23	8.04	3.5	3.739	102.7	2.3	0.5
377	8/29/2015 13:15:52	16.16	49.89	32.70	8.27	8.05	4.5	3.728	102.5	2.4	0.6
378	8/29/2015 13:30:52	15.94	49.87	32.69	8.35	8.06	5.0	3.685	103.1	2.1	0.5
379	8/29/2015 13:45:52	16.12	49.90	32.71	8.26	8.05	5.7	3.602	102.3	2.1	0.5
380	8/29/2015 14:00:52	16.27	49.92	32.73	8.27	8.05	8.2	3.522	102.8	2.5	0.6
381	8/29/2015 14:15:52	16.60	49.95	32.75	8.30	8.04	7.8	3.409	103.9	2.5	0.6
382	8/29/2015 14:30:52	16.72	49.93	32.74	8.35	8.05	6.5	3.299	104.8	2.3	0.6
383	8/29/2015 14:45:52	17.61	50.13	32.90	8.18	8.03	14.6	3.182	104.4	3.6	0.8
384	8/29/2015 15:00:52	17.87	50.16	32.92	8.21	8.02	13.6	3.059	105.3	3.3	0.8
385	8/29/2015 15:15:52	18.16	50.21	32.96	8.20	8.01	13.5	2.958	105.8	3.3	0.8
386	8/29/2015 15:30:52	18.59	50.29	33.02	8.17	8.00	11.8	2.850	106.3	2.6	0.6
387	8/29/2015 15:45:52	18.81	50.32	33.05	8.17	8.00	9.6	2.736	106.9	3.4	0.8
388	8/29/2015 16:00:52	18.94	50.30	33.03	8.22	7.99	11.8	2.638	107.8	2.8	0.7
389	8/29/2015 16:15:52	19.26	50.36	33.08	8.21	7.98	11.4	2.525	108.2	2.8	0.7
390	8/29/2015 16:30:52	19.42	50.39	33.10	8.22	7.99	13.6	2.435	108.7	4.0	0.9
391	8/29/2015 16:45:52	19.32	50.34	33.06	8.28	8.01	14.3	2.331	109.3	3.2	0.8
392	8/29/2015 17:00:52	19.42	50.35	33.06	8.39	8.02	12.0	2.227	111.0	3.0	0.7
393	8/29/2015 17:15:51	19.60	50.35	33.07	8.44	8.02	12.6	2.150	112.0	3.2	0.8
394	8/29/2015 17:30:52	19.75	50.42	33.12	8.48	8.02	11.1	2.071	112.8	3.4	0.8
395	8/29/2015 17:45:51	20.07	50.46	33.14	8.41	8.02	10.2	2.015	112.5	4.2	1.0
396	8/29/2015 18:00:52	19.98	50.45	33.14	8.49	8.03	8.9	1.965	113.4	3.6	0.8
397	8/29/2015 18:15:51	20.19	50.53	33.20	8.32	8.01	7.8	1.944	111.7	3.7	0.9
398	8/29/2015 18:30:51	20.05	50.44	33.13	8.42	8.01	12.5	1.943	112.7	4.0	1.0
399	8/29/2015 18:45:51	20.14	50.51	33.18	8.35	8.00	12.1	1.974	111.9	5.0	1.2
400	8/29/2015 19:00:51	20.32	50.57	33.22	8.27	7.99	19.0	2.020	111.3	4.7	1.1
401	8/29/2015 19:15:51	20.43	50.58	33.23	8.31	7.99	13.2	2.067	112.1	3.7	0.9
402	8/29/2015 19:30:51	20.25	50.57	33.23	8.30	7.99	12.3	2.161	111.5	4.3	1.0
403	8/29/2015 19:45:51	19.88	50.49	33.16	8.27	7.98	18.4	2.269	110.4	4.4	1.0
404	8/29/2015 20:00:52	19.81	50.45	33.14	8.24	7.98	18.5	2.354	109.7	4.5	1.1
405	8/29/2015 20:15:52	19.81	50.45	33.13	8.19	7.98	13.0	2.461	109.1	3.8	0.9
406	8/29/2015 20:30:52	19.77	50.46	33.14	8.16	7.97	10.2	2.571	108.6	4.0	1.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
407	8/29/2015 20:45:52	19.56	50.41	33.11	8.08	7.97	10.9	2.673	107.1	3.5	0.8
408	8/29/2015 21:00:52	19.35	50.39	33.09	7.95	7.95	10.9	2.766	104.9	4.4	1.0
409	8/29/2015 21:15:52	19.09	50.33	33.05	7.94	7.95	11.3	2.867	104.4	3.9	0.9
410	8/29/2015 21:30:52	18.79	50.24	32.98	8.00	7.96	12.1	2.976	104.5	3.7	0.9
411	8/29/2015 21:45:52	18.58	50.24	32.98	7.98	7.96	16.0	3.088	103.9	3.6	0.9
412	8/29/2015 22:00:52	18.17	50.17	32.93	8.05	7.97	16.1	3.192	103.9	4.3	1.0
413	8/29/2015 22:15:52	17.42	50.02	32.82	8.31	8.00	14.5	3.300	105.7	3.5	0.8
414	8/29/2015 22:30:52	17.12	49.96	32.77	8.41	8.02	17.3	3.419	106.2	3.8	0.9
415	8/29/2015 22:45:52	16.78	49.89	32.71	8.56	8.05	14.1	3.526	107.4	4.3	1.0
416	8/29/2015 23:00:52	16.52	49.81	32.65	8.71	8.07	10.1	3.629	108.7	4.7	1.1
417	8/29/2015 23:15:52	16.39	49.77	32.62	8.81	8.09	10.2	3.734	109.7	3.4	0.8
418	8/29/2015 23:30:52	16.34	49.73	32.59	8.84	8.10	7.1	3.824	110.0	2.9	0.7
419	8/29/2015 23:45:52	16.29	49.72	32.58	8.86	8.10	5.5	3.909	110.0	3.1	0.7
420	8/30/2015 00:00:52	16.24	49.72	32.58	8.85	8.11	3.1	3.971	109.8	3.0	0.7
421	8/30/2015 00:15:52	16.22	49.70	32.57	8.85	8.11	3.7	4.017	109.8	2.4	0.6
422	8/30/2015 00:30:52	17.01	50.10	32.87	8.24	8.05	3.7	4.046	104.0	3.1	0.7
423	8/30/2015 00:45:52	17.08	50.00	32.80	8.10	8.04	3.8	4.044	102.3	2.4	0.6
424	8/30/2015 01:00:52	17.22	49.99	32.80	7.97	8.02	6.5	4.019	101.0	2.5	0.6
425	8/30/2015 01:15:52	16.73	49.85	32.68	8.36	8.05	6.8	3.962	104.8	3.3	0.8
426	8/30/2015 01:30:52	16.45	49.77	32.62	8.61	8.08	7.0	3.875	107.4	3.5	0.8
427	8/30/2015 01:45:52	16.30	49.72	32.59	8.75	8.10	8.4	3.771	108.7	1.9	0.5
428	8/30/2015 02:00:52	16.40	49.71	32.57	8.73	8.10	7.0	3.661	108.6	3.0	0.7
429	8/30/2015 02:15:52	16.95	49.88	32.71	8.36	8.07	10.3	3.540	105.3	3.0	0.7
430	8/30/2015 02:30:52	16.86	49.87	32.70	8.44	8.07	11.0	3.400	106.1	2.7	0.7
431	8/30/2015 02:45:52	16.97	49.88	32.71	8.36	8.06	10.7	3.277	105.4	2.4	0.6
432	8/30/2015 03:00:52	17.36	50.02	32.81	8.09	8.03	12.3	3.142	102.8	3.7	0.9
433	8/30/2015 03:15:52	17.99	50.15	32.91	7.74	8.00	10.4	2.995	99.6	3.1	0.7
434	8/30/2015 03:30:52	18.28	50.20	32.95	7.56	7.98	10.2	2.861	97.8	2.4	0.6
435	8/30/2015 03:45:52	18.89	50.41	33.11	7.17	7.95	10.6	2.722	93.9	3.1	0.7
436	8/30/2015 04:00:52	18.44	50.25	32.99	7.48	7.97	9.9	2.581	97.0	3.0	0.7
437	8/30/2015 04:15:52	18.39	50.22	32.97	7.53	7.97	8.6	2.446	97.7	2.7	0.7
438	8/30/2015 04:30:52	18.32	50.21	32.96	7.57	7.98	9.9	2.289	98.0	2.0	0.5
439	8/30/2015 04:45:52	18.47	50.21	32.96	7.46	7.97	11.4	2.142	96.8	3.4	0.8
440	8/30/2015 05:00:52	18.56	50.29	33.02	7.35	7.95	10.5	1.998	95.7	3.0	0.7
441	8/30/2015 05:15:52	18.80	50.35	33.06	7.23	7.94	11.4	1.851	94.5	3.2	0.8
442	8/30/2015 05:30:52	19.08	50.37	33.08	7.08	7.93	11.0	1.713	93.1	3.2	0.8
443	8/30/2015 05:45:52	19.28	50.47	33.15	6.98	7.92	9.8	1.577	92.1	3.2	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
444	8/30/2015 06:00:52	19.48	50.52	33.19	6.87	7.90	8.4	1.461	91.0	2.7	0.6
445	8/30/2015 06:15:52	19.69	50.57	33.23	6.77	7.89	8.0	1.356	90.1	2.4	0.6
446	8/30/2015 06:30:51	19.69	50.56	33.22	6.72	7.89	7.2	1.302	89.4	2.5	0.6
447	8/30/2015 06:45:52	19.76	50.56	33.22	6.62	7.88	6.4	1.244	88.2	3.1	0.7
448	8/30/2015 07:00:51	19.63	50.50	33.17	6.70	7.88	7.1	1.286	89.0	3.1	0.7
449	8/30/2015 07:15:52	19.77	50.48	33.16	6.76	7.89	5.7	1.348	90.0	2.9	0.7
450	8/30/2015 07:30:52	20.02	50.57	33.23	6.70	7.89	6.0	1.398	89.7	2.3	0.5
451	8/30/2015 07:45:51	20.19	50.61	33.25	6.73	7.89	5.9	1.519	90.4	2.9	0.7
452	8/30/2015 08:00:51	20.03	50.54	33.20	6.80	7.89	5.8	1.621	91.1	2.9	0.7
453	8/30/2015 08:15:51	20.01	50.52	33.19	6.82	7.89	6.3	1.719	91.2	2.7	0.6
454	8/30/2015 08:30:52	19.86	50.47	33.15	6.85	7.89	7.3	1.838	91.3	2.2	0.5
455	8/30/2015 08:45:52	19.68	50.42	33.11	6.88	7.90	7.3	1.939	91.5	2.8	0.7
456	8/30/2015 09:00:52	19.61	50.39	33.10	6.94	7.90	6.3	2.062	92.1	3.2	0.8
457	8/30/2015 09:15:52	19.63	50.43	33.12	6.97	7.91	6.1	2.173	92.5	2.2	0.5
458	8/30/2015 09:30:52	19.58	50.42	33.11	6.99	7.90	6.3	2.288	92.7	2.7	0.6
459	8/30/2015 09:45:52	19.41	50.37	33.08	7.10	7.90	6.3	2.409	93.9	2.7	0.6
460	8/30/2015 10:00:52	19.24	50.32	33.05	7.15	7.90	7.9	2.521	94.2	2.8	0.7
461	8/30/2015 10:15:52	19.09	50.28	33.01	7.21	7.91	12.0	2.641	94.7	1.9	0.5
462	8/30/2015 10:30:52	18.92	50.20	32.96	7.31	7.92	13.3	2.759	95.7	2.6	0.6
463	8/30/2015 10:45:52	18.76	50.17	32.93	7.41	7.93	18.4	2.867	96.7	3.3	0.8
464	8/30/2015 11:00:52	18.35	50.07	32.86	7.56	7.94	20.8	2.976	97.8	2.4	0.6
465	8/30/2015 11:15:52	18.04	50.02	32.82	7.72	7.96	22.4	3.095	99.3	3.4	0.8
466	8/30/2015 11:30:52	17.72	49.89	32.72	7.86	7.98	24.2	3.199	100.4	2.2	0.5
467	8/30/2015 11:45:52	17.42	49.84	32.68	7.98	8.00	19.7	3.309	101.4	3.1	0.7
468	8/30/2015 12:00:52	17.21	49.79	32.64	8.09	8.02	16.2	3.424	102.4	2.4	0.6
469	8/30/2015 12:15:52	17.04	49.72	32.59	8.17	8.04	15.4	3.525	103.0	2.3	0.5
470	8/30/2015 12:30:52	17.00	49.73	32.60	8.20	8.04	13.8	3.620	103.3	4.0	1.0
471	8/30/2015 12:45:52	16.95	49.66	32.55	8.24	8.05	11.0	3.701	103.6	4.1	1.0
472	8/30/2015 13:00:52	16.83	49.61	32.51	8.32	8.06	6.6	3.769	104.4	2.2	0.5
473	8/30/2015 13:15:52	16.89	49.62	32.52	8.34	8.07	3.7	3.820	104.8	2.9	0.7
474	8/30/2015 13:30:52	17.27	49.34	32.31	8.18	8.06	4.5	3.846	103.3	2.5	0.6
475	8/30/2015 13:45:52	17.23	49.74	32.61	8.11	8.04	4.8	3.847	102.6	2.5	0.6
476	8/30/2015 14:00:52	17.39	49.76	32.63	8.08	8.04	7.9	3.811	102.5	4.9	1.2
477	8/30/2015 14:15:52	16.99	49.60	32.51	8.30	8.06	9.0	3.765	104.5	2.7	0.6
478	8/30/2015 14:30:52	17.34	49.73	32.60	8.21	8.05	7.8	3.663	104.1	2.6	0.6
479	8/30/2015 14:45:52	17.23	49.65	32.54	8.39	8.06	9.5	3.552	106.1	1.9	0.5
480	8/30/2015 15:00:52	17.38	49.67	32.56	8.45	8.07	7.9	3.441	107.1	2.3	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
481	8/30/2015 15:15:52	17.95	49.85	32.69	8.20	8.04	11.6	3.320	105.2	2.9	0.7
482	8/30/2015 15:30:52	17.95	49.86	32.70	8.16	8.03	11.5	3.202	104.7	3.6	0.9
483	8/30/2015 15:45:52	18.09	49.87	32.71	8.15	8.02	11.0	3.076	104.9	3.0	0.7
484	8/30/2015 16:00:52	18.65	50.02	32.82	8.07	8.01	11.2	2.961	105.1	3.3	0.8
485	8/30/2015 16:15:52	19.19	50.12	32.90	8.02	8.00	10.6	2.844	105.5	2.9	0.7
486	8/30/2015 16:30:52	19.59	50.21	32.96	8.02	7.99	8.7	2.720	106.3	2.5	0.6
487	8/30/2015 16:45:52	19.54	50.16	32.92	8.05	7.99	7.9	2.604	106.6	3.0	0.7
488	8/30/2015 17:00:51	19.60	50.20	32.95	8.21	7.99	8.1	2.481	108.8	3.2	0.8
489	8/30/2015 17:15:52	19.33	50.11	32.89	8.21	7.99	7.0	2.374	108.3	2.1	0.5
490	8/30/2015 17:30:52	19.44	50.11	32.89	8.34	8.00	6.8	2.253	110.2	3.2	0.8
491	8/30/2015 17:45:52	19.51	50.14	32.91	8.41	8.01	6.6	2.144	111.3	2.7	0.6
492	8/30/2015 18:00:52	19.66	50.19	32.95	8.32	7.99	5.6	2.041	110.4	2.7	0.6
493	8/30/2015 18:15:52	19.60	50.16	32.92	8.47	8.01	5.9	1.941	112.3	2.4	0.6
494	8/30/2015 18:30:52	19.85	50.25	32.99	8.20	7.98	4.5	1.864	109.3	3.2	0.8
495	8/30/2015 18:45:52	19.93	50.26	33.00	8.30	7.99	5.9	1.801	110.7	2.9	0.7
496	8/30/2015 19:00:52	19.99	50.27	33.01	8.16	7.98	4.0	1.772	109.0	3.6	0.8
497	8/30/2015 19:15:51	20.02	50.30	33.03	8.28	7.99	5.3	1.756	110.7	2.3	0.6
498	8/30/2015 19:30:52	19.80	50.21	32.96	8.44	8.00	4.8	1.767	112.3	2.5	0.6
499	8/30/2015 19:45:52	19.78	50.20	32.96	8.41	8.00	5.4	1.812	111.9	3.1	0.7
500	8/30/2015 20:00:52	20.07	50.31	33.04	8.24	7.98	5.7	1.889	110.2	3.0	0.7
501	8/30/2015 20:15:51	20.67	50.46	33.14	8.15	7.97	5.5	1.990	110.4	3.2	0.8
502	8/30/2015 20:30:51	20.74	50.39	33.09	8.12	7.96	6.7	2.086	110.0	4.2	1.0
503	8/30/2015 20:45:51	20.80	50.38	33.08	8.10	7.95	9.6	2.194	109.9	4.0	0.9
504	8/30/2015 21:00:51	20.28	50.28	33.01	8.12	7.96	7.4	2.294	109.1	3.5	0.8
505	8/30/2015 21:15:52	20.18	50.27	33.00	8.11	7.96	6.5	2.416	108.7	3.5	0.8
506	8/30/2015 21:30:51	20.15	50.27	33.00	8.04	7.96	7.6	2.518	107.8	3.3	0.8
507	8/30/2015 21:45:52	19.78	50.25	32.99	7.82	7.94	6.5	2.612	104.0	3.4	0.8
508	8/30/2015 22:00:52	19.58	50.23	32.98	7.69	7.93	9.0	2.716	101.9	3.4	0.8
509	8/30/2015 22:15:52	19.39	50.17	32.94	7.69	7.94	10.9	2.813	101.6	3.6	0.8
510	8/30/2015 22:30:52	19.14	50.11	32.89	7.78	7.95	11.3	2.922	102.2	3.0	0.7
511	8/30/2015 22:45:52	19.00	50.08	32.86	7.83	7.96	17.6	3.025	102.6	3.0	0.7
512	8/30/2015 23:00:52	18.74	50.01	32.82	7.97	7.97	14.5	3.140	103.9	10.3	2.5
513	8/30/2015 23:15:52	18.19	49.85	32.70	8.15	8.00	21.1	3.241	105.1	5.5	1.3
514	8/30/2015 23:30:52	17.65	49.79	32.65	8.30	8.02	20.2	3.357	106.0	24.4	5.8
515	8/30/2015 23:45:52	17.33	49.71	32.59	8.40	8.04	16.1	3.475	106.5	7.1	1.7
516	8/31/2015 00:00:52	17.17	49.65	32.55	8.48	8.05	16.0	3.581	107.2	7.0	1.7
517	8/31/2015 00:15:52	17.07	49.64	32.53	8.55	8.06	12.2	3.671	107.8	4.1	1.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
518	8/31/2015 00:30:52	16.98	49.62	32.52	8.55	8.07	12.5	3.770	107.6	7.5	1.8
519	8/31/2015 00:45:52	16.93	49.61	32.51	8.57	8.07	7.8	3.831	107.7	15.5	3.7
520	8/31/2015 01:00:53	17.15			8.49	8.06	5.4	3.897	106.3	42.2	10.1
521	8/31/2015 01:15:52	16.77	49.68	32.56	8.50	8.08	3.3	3.947	106.6	25.9	6.2
522	8/31/2015 01:30:52	17.66	49.92	32.75	7.94	8.03	6.0	3.951	101.4	28.5	6.8
523	8/31/2015 01:45:52	17.36	49.69	32.57	8.10	8.04	8.4	3.946	102.7	5.4	1.3
524	8/31/2015 02:00:52	17.23	49.65	32.55	8.15	8.04	9.2	3.904	103.1	37.6	8.9
525	8/31/2015 02:15:52	17.05	49.65	32.54	8.32	8.06	6.7	3.843	104.8	2.0	0.5
526	8/31/2015 02:30:52	16.93	49.62	32.52	8.46	8.07	7.8	3.744	106.4	2.9	0.7
527	8/31/2015 02:45:53	17.00			8.62	8.07	7.0	3.626	107.6	2.6	0.6
528	8/31/2015 03:00:52	17.12	49.68	32.56	8.40	8.06	7.4	3.505	106.0	3.5	0.8
529	8/31/2015 03:15:52	17.60	49.79	32.65	8.11	8.04	8.9	3.395	103.4	2.9	0.7
530	8/31/2015 03:30:52	17.75	49.85	32.69	8.03	8.03	10.8	3.254	102.7	2.9	0.7
531	8/31/2015 03:45:52	18.06	49.93	32.76	7.83	8.01	14.0	3.138	100.7	2.9	0.7
532	8/31/2015 04:00:52	18.34	50.00	32.81	7.65	7.99	10.0	3.008	98.9	2.2	0.5
533	8/31/2015 04:15:52	18.55	50.03	32.83	7.53	7.97	9.0	2.868	97.8	2.9	0.7
534	8/31/2015 04:30:52	18.77	50.12	32.90	7.34	7.95	10.2	2.735	95.9	2.5	0.6
535	8/31/2015 04:45:52	18.95	50.16	32.92	7.00	7.92	9.5	2.602	91.7	2.6	0.6
536	8/31/2015 05:00:52	18.56	50.05	32.84	7.30	7.94	9.7	2.458	94.9	2.0	0.5
537	8/31/2015 05:15:52	18.44	50.03	32.83	7.48	7.96	7.5	2.320	97.0	1.7	0.4
538	8/31/2015 05:30:52	18.51	50.03	32.83	7.49	7.96	8.6	2.171	97.2	2.7	0.6
539	8/31/2015 05:45:52	18.43	50.03	32.83	7.40	7.96	8.7	2.043	96.0	2.8	0.7
540	8/31/2015 06:00:52	18.65	50.10	32.88	7.24	7.94	8.1	1.892	94.3	2.7	0.6
541	8/31/2015 06:15:52	18.80	50.14	32.91	7.13	7.93	8.9	1.780	93.1	1.5	0.4
542	8/31/2015 06:30:52	19.10	50.23	32.98	7.01	7.91	8.9	1.639	92.1	2.2	0.5
543	8/31/2015 06:45:52	19.26	50.30	33.03	6.92	7.90	7.6	1.536	91.2	1.7	0.4
544	8/31/2015 07:00:52	19.40	50.32	33.04	6.82	7.89	7.2	1.451	90.1	1.1	0.3
545	8/31/2015 07:15:52	19.44	50.33	33.05	6.78	7.89	6.3	1.390	89.7	2.0	0.5
546	8/31/2015 07:30:52	19.51	50.35	33.06	6.71	7.88	6.8	1.355	88.9	2.4	0.6
547	8/31/2015 07:45:52	19.54	50.37	33.08	6.77	7.88	6.0	1.362	89.8	1.8	0.4
548	8/31/2015 08:00:52	19.38	50.31	33.04	6.84	7.88	5.3	1.407	90.3	2.1	0.5
549	8/31/2015 08:15:52	19.62	50.33	33.05	6.83	7.89	5.4	1.486	90.7	2.1	0.5
550	8/31/2015 08:30:52	19.71	50.40	33.10	6.86	7.89	5.2	1.571	91.3	2.4	0.6
551	8/31/2015 08:45:52	19.71	50.41	33.11	6.88	7.89	5.8	1.704	91.5	2.7	0.6
552	8/31/2015 09:00:52	19.66	50.39	33.10	6.96	7.89	6.1	1.821	92.4	1.8	0.4
553	8/31/2015 09:15:52	19.28	50.25	32.99	7.06	7.90	5.9	1.921	93.1	2.7	0.6
554	8/31/2015 09:30:52	19.15	50.25	32.99	7.11	7.91	5.5	2.036	93.5	2.2	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
555	8/31/2015 09:45:52	19.28	50.25	32.99	7.14	7.91	6.0	2.163	94.1	2.7	0.6
556	8/31/2015 10:00:52	19.41	50.31	33.04	7.13	7.91	5.6	2.279	94.2	1.5	0.4
557	8/31/2015 10:15:52	19.48	50.30	33.03	7.11	7.91	6.5	2.390	94.0	2.6	0.6
558	8/31/2015 10:30:52	19.39	50.28	33.01	7.15	7.91	7.4	2.504	94.5	2.2	0.5
559	8/31/2015 10:45:52	19.30	50.23	32.98	7.17	7.91	9.2	2.623	94.6	2.3	0.6
560	8/31/2015 11:00:52	19.11	50.16	32.93	7.23	7.92	13.0	2.735	95.0	2.7	0.6
561	8/31/2015 11:15:52	18.99	50.12	32.89	7.34	7.93	14.8	2.845	96.2	2.8	0.7
562	8/31/2015 11:30:52	18.66	50.02	32.83	7.47	7.94	16.5	2.960	97.3	3.3	0.8
563	8/31/2015 11:45:52	18.25	49.93	32.75	7.76	7.97	17.8	3.073	100.2	2.9	0.7
564	8/31/2015 12:00:52	17.88	49.84	32.69	7.97	7.99	20.6	3.192	102.1	2.5	0.6
565	8/31/2015 12:15:52	17.47	49.74	32.61	8.15	8.01	20.8	3.306	103.6	3.2	0.8
566	8/31/2015 12:30:52	17.34	49.73	32.60	8.20	8.02	22.6	3.416	104.0	2.7	0.7
567	8/31/2015 12:45:52	16.97	49.66	32.55	8.37	8.03	25.8	3.533	105.3	3.7	0.9
568	8/31/2015 13:00:52	16.41	49.61	32.50	8.61	8.05	17.9	3.638	107.1	3.4	0.8
569	8/31/2015 13:15:52	15.78	49.58	32.47	8.81	8.06	13.9	3.732	108.2	3.2	0.8
570	8/31/2015 13:30:52	15.42	49.55	32.44	8.88	8.07	9.6	3.806	108.3	2.7	0.6
571	8/31/2015 13:45:52	15.16	49.55	32.44	8.88	8.08	7.1	3.877	107.8	2.7	0.6
572	8/31/2015 14:00:52	15.00	49.55	32.44	8.87	8.08	4.0	3.918	107.3	4.0	0.9
573	8/31/2015 14:15:51	14.95	49.55	32.43	8.81	8.08	3.2	3.939	106.5	4.0	1.0
574	8/31/2015 14:30:52	14.95	49.57	32.45	8.74	8.08	4.0	3.927	105.6	2.2	0.5
575	8/31/2015 14:45:52	14.98	49.53	32.42	8.76	8.08	6.3	3.878	105.9	2.3	0.6
576	8/31/2015 15:00:52	15.26	49.61	32.48	8.76	8.08	8.1	3.803	106.6	4.0	0.9
577	8/31/2015 15:15:52	16.31	49.60	32.50	8.71	8.08	12.3	3.710	108.2	2.3	0.6
578	8/31/2015 15:30:52	16.46	49.61	32.51	8.75	8.08	11.4	3.583	109.0	2.2	0.5
579	8/31/2015 15:45:52	17.43	49.73	32.60	8.54	8.07	12.6	3.475	108.5	2.7	0.6
580	8/31/2015 16:00:52	17.86	49.81	32.66	8.52	8.06	14.7	3.349	109.1	2.8	0.7
581	8/31/2015 16:15:52	18.00	49.81	32.66	8.52	8.05	14.3	3.225	109.4	3.2	0.8
582	8/31/2015 16:30:52	18.39	49.88	32.72	8.41	8.04	17.4	3.093	108.9	3.3	0.8
583	8/31/2015 16:45:52	18.86	49.97	32.79	8.32	8.03	17.5	2.979	108.7	2.4	0.6
584	8/31/2015 17:00:52	19.20	50.00	32.81	8.32	8.02	14.2	2.847	109.4	2.7	0.6
585	8/31/2015 17:15:52	19.74	50.17	32.93	8.33	8.01	13.9	2.730	110.7	3.0	0.7
586	8/31/2015 17:30:52	19.57	50.09	32.88	8.29	8.00	13.4	2.603	109.8	3.7	0.9
587	8/31/2015 17:45:52	19.60	50.13	32.90	8.31	8.01	12.0	2.475	110.1	2.8	0.7
588	8/31/2015 18:00:52	19.28	50.03	32.83	8.34	8.00	12.4	2.355	109.9	2.6	0.6
589	8/31/2015 18:15:52	19.18	49.97	32.79	8.41	8.01	12.9	2.216	110.6	3.7	0.9
590	8/31/2015 18:30:52	19.13	49.97	32.79	8.38	8.01	12.1	2.089	110.0	3.4	0.8
591	8/31/2015 18:45:52	19.31	50.04	32.83	8.21	8.00	13.2	1.977	108.2	3.4	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
592	8/31/2015 19:00:52	19.43	50.07	32.86	8.12	7.99	11.1	1.870	107.3	3.2	0.8
593	8/31/2015 19:15:52	19.50	50.10	32.88	8.14	7.99	10.3	1.764	107.7	3.7	0.9
594	8/31/2015 19:30:52	19.70	50.16	32.93	7.94	7.98	9.4	1.708	105.5	3.2	0.8
595	8/31/2015 19:45:52	19.78	50.20	32.95	7.91	7.97	9.4	1.640	105.3	2.5	0.6
596	8/31/2015 20:00:52	19.86	50.22	32.97	7.87	7.97	8.2	1.609	104.9	3.2	0.8
597	8/31/2015 20:15:52	19.46	50.07	32.86	8.27	8.01	8.5	1.624	109.3	3.3	0.8
598	8/31/2015 20:30:52	19.92	50.23	32.98	7.94	7.97	7.9	1.655	106.0	3.7	0.9
599	8/31/2015 20:45:51	20.16	50.47	33.15	7.85	7.96	8.5	1.718	105.3	3.8	0.9
600	8/31/2015 21:00:51	20.76	50.48	33.15	7.84	7.95	11.0	1.811	106.3	3.1	0.7
601	8/31/2015 21:15:51	20.62	50.42	33.11	7.85	7.94	10.0	1.916	106.1	3.1	0.7
602	8/31/2015 21:30:51	21.06	50.42	33.11	7.84	7.94	13.4	2.022	106.8	4.1	1.0
603	8/31/2015 21:45:51	20.65	50.33	33.04	7.98	7.95	12.4	2.138	107.9	3.6	0.8
604	8/31/2015 22:00:51	20.42	50.24	32.98	8.03	7.95	9.8	2.251	108.1	3.7	0.9
605	8/31/2015 22:15:51	20.44	50.27	33.01	8.03	7.95	10.5	2.359	108.1	4.0	0.9
606	8/31/2015 22:30:52	20.22	50.27	33.00	7.94	7.94	12.0	2.463	106.5	3.7	0.9
607	8/31/2015 22:45:52	19.94	50.21	32.96	7.81	7.93	11.6	2.563	104.2	3.7	0.9
608	8/31/2015 23:00:52	19.74	50.19	32.95	7.81	7.94	12.3	2.669	103.8	3.6	0.9
609	8/31/2015 23:15:52	19.58	50.14	32.91	7.84	7.94	17.5	2.774	103.9	4.3	1.0
610	8/31/2015 23:30:52	19.41	50.09	32.87	7.92	7.95	18.9	2.859	104.5	3.6	0.8
611	8/31/2015 23:45:52	19.17	50.05	32.85	8.02	7.96	23.2	2.971	105.4	4.0	1.0
612	9/1/2015 00:00:52	18.56	49.85	32.70	8.20	7.98	25.5	3.068	106.4	3.8	0.9
613	9/1/2015 00:15:52	18.04	49.87	32.71	8.31	7.99	22.2	3.175	106.9	4.4	1.1
614	9/1/2015 00:30:52	17.42	49.79	32.65	8.44	8.00	16.8	3.277	107.2	3.4	0.8
615	9/1/2015 00:45:52	17.01	49.65	32.54	8.49	8.02	17.8	3.384	107.0	3.3	0.8
616	9/1/2015 01:00:52	16.80	49.69	32.57	8.52	8.03	17.8	3.487	106.9	3.2	0.8
617	9/1/2015 01:15:52	16.56	49.61	32.51	8.59	8.04	15.9	3.569	107.2	4.0	1.0
618	9/1/2015 01:30:52	16.25	49.59	32.48	8.72	8.05	13.1	3.656	108.1	3.9	0.9
619	9/1/2015 01:45:52	16.05	49.61	32.50	8.75	8.05	7.9	3.728	108.2	2.8	0.7
620	9/1/2015 02:00:52	15.84	49.65	32.53	8.72	8.06	6.5	3.777	107.3	2.6	0.6
621	9/1/2015 02:15:52	15.84	49.55	32.45	8.67	8.06	4.2	3.807	106.7	3.5	0.8
622	9/1/2015 02:30:52	16.23	49.84	32.67	8.45	8.04	5.0	3.814	104.8	2.9	0.7
623	9/1/2015 02:45:52	15.77	49.58	32.47	8.56	8.05	6.7	3.790	105.2	2.4	0.6
624	9/1/2015 03:00:52	16.42	49.71	32.58	8.39	8.04	10.0	3.728	104.6	2.2	0.5
625	9/1/2015 03:15:52	16.57	49.69	32.56	8.34	8.04	10.0	3.659	104.2	3.5	0.8
626	9/1/2015 03:30:52	16.50	49.68	32.56	8.46	8.04	8.3	3.566	105.5	4.4	1.0
627	9/1/2015 03:45:52	16.14	49.61	32.50	8.56	8.05	7.4	3.448	105.9	2.9	0.7
628	9/1/2015 04:00:53	17.21	48.58	31.76	8.15	8.02	9.8	3.338	102.5	3.5	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
629	9/1/2015 04:15:52	17.35	49.87	32.70	8.06	8.01	11.0	3.217	102.3	2.4	0.6
630	9/1/2015 04:30:52	17.47	49.89	32.72	7.97	8.00	10.4	3.105	101.4	2.7	0.6
631	9/1/2015 04:45:52	17.98	49.99	32.80	7.69	7.98	12.2	2.976	98.8	4.3	1.0
632	9/1/2015 05:00:52	18.46	50.08	32.87	7.38	7.95	10.2	2.843	95.7	2.9	0.7
633	9/1/2015 05:15:52	18.74	50.14	32.91	7.29	7.94	11.2	2.728	95.0	2.4	0.6
634	9/1/2015 05:30:51	18.91	50.16	32.93	7.13	7.91	11.5	2.597	93.3	2.5	0.6
635	9/1/2015 05:45:52	18.71	50.14	32.91	6.86	7.90	9.6	2.469	89.4	3.4	0.8
636	9/1/2015 06:00:52	18.51	50.11	32.89	7.17	7.92	9.9	2.324	93.1	2.6	0.6
637	9/1/2015 06:15:52	18.48	50.08	32.87	7.38	7.94	11.6	2.202	95.8	2.6	0.6
638	9/1/2015 06:30:52	18.30	50.06	32.85	7.36	7.93	11.1	2.078	95.1	2.3	0.6
639	9/1/2015 06:45:52	18.55	50.15	32.92	7.23	7.92	9.7	1.946	93.9	2.3	0.5
640	9/1/2015 07:00:52	18.84	50.13	32.90	7.08	7.91	10.2	1.825	92.5	1.9	0.5
641	9/1/2015 07:15:52	18.87	50.21	32.97	7.04	7.91	8.7	1.693	92.1	2.7	0.6
642	9/1/2015 07:30:52	19.04	50.24	32.98	6.95	7.90	8.8	1.631	91.2	2.9	0.7
643	9/1/2015 07:45:52	19.10	50.27	33.00	6.88	7.89	7.6	1.549	90.4	2.4	0.6
644	9/1/2015 08:00:52	19.15	50.28	33.01	6.85	7.88	6.7	1.471	90.1	2.3	0.6
645	9/1/2015 08:15:52	19.35	50.34	33.06	6.75	7.88	6.1	1.464	89.2	2.9	0.7
646	9/1/2015 08:30:52	19.24	50.32	33.04	6.87	7.88	7.2	1.484	90.6	2.3	0.5
647	9/1/2015 08:45:52	19.27	50.29	33.02	6.91	7.89	6.1	1.524	91.1	2.1	0.5
648	9/1/2015 09:00:52	19.48	50.37	33.08	6.85	7.89	5.2	1.594	90.6	3.0	0.7
649	9/1/2015 09:15:52	19.60	50.38	33.09	6.82	7.88	5.6	1.682	90.4	3.0	0.7
650	9/1/2015 09:30:52	19.59	50.40	33.10	6.87	7.88	6.4	1.797	91.1	2.1	0.5
651	9/1/2015 09:45:52	19.50	50.35	33.07	6.91	7.89	7.3	1.907	91.5	2.3	0.6
652	9/1/2015 10:00:52	19.24	50.28	33.01	7.03	7.89	6.8	2.015	92.7	2.5	0.6
653	9/1/2015 10:15:52	19.13	50.23	32.98	7.15	7.90	6.7	2.138	94.0	2.8	0.7
654	9/1/2015 10:30:52	19.19	50.25	32.99	7.18	7.91	6.3	2.248	94.5	2.3	0.5
655	9/1/2015 10:45:52	19.32	50.24	32.98	7.13	7.91	7.8	2.363	94.1	2.3	0.5
656	9/1/2015 11:00:52	19.30	50.29	33.02	7.11	7.90	8.4	2.469	93.8	2.0	0.5
657	9/1/2015 11:15:52	19.21	50.12	32.90	7.21	7.91	9.4	2.573	94.9	1.7	0.4
658	9/1/2015 11:30:52	19.02	50.16	32.93	7.36	7.92	11.5	2.688	96.6	3.3	0.8
659	9/1/2015 11:45:52	18.84	50.04	32.84	7.48	7.92	14.5	2.793	97.7	3.2	0.8
660	9/1/2015 12:00:52	18.63	50.00	32.80	7.59	7.93	16.6	2.909	98.7	2.7	0.6
661	9/1/2015 12:15:52	18.19	49.90	32.73	7.78	7.95	16.8	3.027	100.3	2.8	0.7
662	9/1/2015 12:30:52	17.57	49.81	32.67	8.05	7.97	17.6	3.130	102.5	2.8	0.7
663	9/1/2015 12:45:52	16.90	49.68	32.56	8.27	7.99	14.8	3.250	103.9	3.2	0.8
664	9/1/2015 13:00:52	16.61	49.69	32.56	8.35	8.01	17.1	3.366	104.4	4.0	1.0
665	9/1/2015 13:15:52	16.28	49.66	32.54	8.42	8.02	17.6	3.483	104.5	3.7	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
666	9/1/2015 13:30:52	16.03	49.65	32.53	8.48	8.03	16.7	3.585	104.8	4.8	1.1
667	9/1/2015 13:45:52	15.52	49.61	32.49	8.67	8.04	10.9	3.697	106.1	4.7	1.1
668	9/1/2015 14:00:52	15.15	49.57	32.45	8.79	8.05	8.2	3.791	106.7	2.6	0.6
669	9/1/2015 14:15:52	15.03	49.62	32.48	8.82	8.06	4.7	3.857	106.8	3.2	0.8
670	9/1/2015 14:30:52	14.93	49.57	32.45	8.82	8.07	2.9	3.911	106.6	1.9	0.4
671	9/1/2015 14:45:52	14.88	49.58	32.45	8.81	8.07	2.4	3.956	106.3	2.2	0.5
672	9/1/2015 15:00:52	15.42	49.27	32.24	8.59	8.07	3.5	3.962	104.7	1.6	0.4
673	9/1/2015 15:15:52	14.94	49.57	32.44	8.66	8.06	3.7	3.932	104.6	2.2	0.5
674	9/1/2015 15:30:52	15.07	49.61	32.48	8.66	8.06	4.2	3.883	105.0	1.4	0.3
675	9/1/2015 15:45:52	15.25	49.61	32.48	8.67	8.07	5.1	3.823	105.5	2.0	0.5
676	9/1/2015 16:00:52	15.78	49.64	32.52	8.68	8.07	7.1	3.714	106.7	2.4	0.6
677	9/1/2015 16:15:52	15.72	49.62	32.50	8.76	8.06	7.5	3.590	107.6	1.6	0.4
678	9/1/2015 16:30:52	17.43	49.73	32.60	8.53	8.06	9.3	3.482	108.3	3.2	0.8
679	9/1/2015 16:45:52	17.74	49.87	32.71	8.54	8.05	12.8	3.364	109.2	2.6	0.6
680	9/1/2015 17:00:52	17.56	49.75	32.62	8.54	8.04	10.3	3.240	108.8	3.0	0.7
681	9/1/2015 17:15:52	17.86	49.88	32.72	8.58	8.04	9.9	3.111	109.9	2.8	0.7
682	9/1/2015 17:30:52	18.41	49.95	32.77	8.50	8.03	10.8	2.987	110.0	2.4	0.6
683	9/1/2015 17:45:52	18.63	49.98	32.79	8.45	8.02	10.1	2.864	109.9	2.9	0.7
684	9/1/2015 18:00:52	19.07	50.07	32.86	8.49	8.03	9.9	2.740	111.4	2.2	0.5
685	9/1/2015 18:15:52	19.14	50.04	32.84	8.52	8.02	9.6	2.606	111.9	2.6	0.6
686	9/1/2015 18:30:52	18.84	50.00	32.81	8.36	8.01	10.7	2.480	109.2	3.4	0.8
687	9/1/2015 18:45:52	18.80	49.98	32.80	8.42	8.00	8.8	2.347	109.9	2.4	0.6
688	9/1/2015 19:00:52	18.75	49.90	32.74	8.52	8.01	8.7	2.222	111.0	2.3	0.5
689	9/1/2015 19:15:52	18.95	49.99	32.80	8.34	8.00	9.9	2.087	109.1	2.4	0.6
690	9/1/2015 19:30:52	19.12	50.06	32.85	8.22	7.98	10.1	1.957	107.9	3.3	0.8
691	9/1/2015 19:45:52	19.23	50.11	32.89	8.18	7.98	9.0	1.859	107.6	2.8	0.7
692	9/1/2015 20:00:52	19.47	50.17	32.93	8.06	7.97	8.7	1.751	106.6	3.5	0.8
693	9/1/2015 20:15:51	19.65	50.17	32.94	7.98	7.96	7.8	1.653	105.9	3.5	0.8
694	9/1/2015 20:30:52	19.72	50.23	32.98	7.93	7.96	7.9	1.609	105.4	3.2	0.8
695	9/1/2015 20:45:52	19.78	50.27	33.00	7.83	7.95	6.8	1.556	104.2	3.2	0.8
696	9/1/2015 21:00:51	20.04	50.32	33.04	7.86	7.95	6.0	1.546	105.1	3.9	0.9
697	9/1/2015 21:15:51	20.23	50.41	33.11	7.95	7.95	6.5	1.574	106.7	3.6	0.8
698	9/1/2015 21:30:51	20.53	50.39	33.09	8.08	7.95	10.3	1.602	109.1	3.0	0.7
699	9/1/2015 21:45:51	20.65	50.46	33.14	8.10	7.95	6.5	1.683	109.6	3.5	0.8
700	9/1/2015 22:00:51	20.66	50.43	33.12	8.14	7.95	6.6	1.779	110.1	3.2	0.8
701	9/1/2015 22:15:51	20.71	50.42	33.11	8.12	7.95	7.0	1.878	110.0	4.6	1.1
702	9/1/2015 22:30:51	21.10	50.49	33.16	8.08	7.95	9.3	1.975	110.2	4.5	1.1

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
703	9/1/2015 22:45:51	20.56	50.36	33.07	8.11	7.94	7.9	2.100	109.5	3.6	0.9
704	9/1/2015 23:00:51	20.50	50.36	33.07	8.14	7.95	7.6	2.206	109.8	3.7	0.9
705	9/1/2015 23:15:51	20.36	50.30	33.02	8.16	7.95	8.4	2.298	109.7	4.0	0.9
706	9/1/2015 23:30:51	19.99	50.17	32.93	8.10	7.94	8.3	2.397	108.2	4.0	0.9
707	9/1/2015 23:45:51	19.78	50.16	32.92	7.97	7.93	7.6	2.505	106.0	4.0	1.0
708	9/2/2015 00:00:52	19.54	50.09	32.88	7.96	7.93	9.3	2.608	105.4	2.9	0.7
709	9/2/2015 00:15:52	19.28	50.06	32.85	8.01	7.94	10.7	2.686	105.5	3.5	0.8
710	9/2/2015 00:30:52	19.12	50.01	32.82	8.05	7.95	11.0	2.787	105.7	2.4	0.6
711	9/2/2015 00:45:52	18.94	50.00	32.81	8.10	7.95	14.7	2.892	106.0	3.3	0.8
712	9/2/2015 01:00:52	18.60	49.96	32.78	8.18	7.96	16.5	2.985	106.4	3.9	0.9
713	9/2/2015 01:15:52	18.11	49.87	32.71	8.30	7.97	13.7	3.074	106.9	4.2	1.0
714	9/2/2015 01:30:52	17.68	49.86	32.70	8.38	7.98	11.6	3.179	107.0	2.9	0.7
715	9/2/2015 01:45:52	17.15	49.80	32.65	8.52	8.00	11.2	3.268	107.6	3.8	0.9
716	9/2/2015 02:00:52	16.94	49.78	32.64	8.53	8.01	12.0	3.358	107.4	3.6	0.9
717	9/2/2015 02:15:52	16.68	49.71	32.58	8.60	8.02	9.6	3.444	107.6	3.4	0.8
718	9/2/2015 02:30:52	16.56	49.70	32.57	8.63	8.03	10.9	3.516	107.8	3.2	0.8
719	9/2/2015 02:45:52	16.64	49.78	32.63	8.57	8.03	4.8	3.574	107.3	3.6	0.9
720	9/2/2015 03:00:52	16.29	49.72	32.59	8.65	8.03	4.0	3.619	107.4	2.9	0.7
721	9/2/2015 03:15:53	16.15	49.68	32.55	8.50	8.03	3.4	3.642	105.3	4.2	1.0
722	9/2/2015 03:30:52	16.53	49.74	32.60	8.34	8.02	3.8	3.647	104.1	2.3	0.5
723	9/2/2015 03:45:52	16.33	49.69	32.56	8.40	8.02	5.7	3.617	104.4	2.2	0.5
724	9/2/2015 04:00:52	16.54	49.76	32.62	8.37	8.02	6.2	3.561	104.5	2.3	0.5
725	9/2/2015 04:15:52	16.75	49.78	32.64	8.31	8.02	8.4	3.485	104.2	3.4	0.8
726	9/2/2015 04:30:52	16.71	49.75	32.61	8.36	8.02	6.8	3.392	104.7	6.7	1.6
727	9/2/2015 04:45:52	16.84	49.84	32.68	8.38	8.02	6.4	3.279	105.3	2.9	0.7
728	9/2/2015 05:00:52	17.21	49.87	32.70	8.13	8.00	7.3	3.170	102.9	2.7	0.6
729	9/2/2015 05:15:52	17.78	49.86	32.70	7.85	7.98	8.0	3.069	100.5	2.8	0.7
730	9/2/2015 05:30:52	18.05	49.96	32.78	7.66	7.96	7.6	2.964	98.5	2.7	0.7
731	9/2/2015 05:45:52	18.29	50.03	32.83	7.48	7.94	8.9	2.845	96.6	3.1	0.7
732	9/2/2015 06:00:52	18.75	50.09	32.88	7.34	7.92	8.9	2.733	95.7	2.5	0.6
733	9/2/2015 06:15:52	19.00	50.21	32.96	7.03	7.90	8.7	2.631	92.1	2.7	0.6
734	9/2/2015 06:30:52	19.02	50.15	32.92	7.02	7.90	8.9	2.518	92.0	3.0	0.7
735	9/2/2015 06:45:52	18.95	50.17	32.94	6.77	7.88	9.2	2.396	88.7	3.4	0.8
736	9/2/2015 07:00:52	18.80	50.10	32.88	7.14	7.90	8.3	2.289	93.2	3.0	0.7
737	9/2/2015 07:15:52	18.63	50.09	32.88	7.33	7.92	7.6	2.191	95.4	2.2	0.5
738	9/2/2015 07:30:52	18.61	50.08	32.86	7.35	7.92	6.2	2.080	95.6	1.7	0.4
739	9/2/2015 07:45:52	18.82	50.13	32.90	7.20	7.91	7.0	1.960	94.0	2.6	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
740	9/2/2015 08:00:52	18.77	50.13	32.91	7.20	7.91	6.9	1.870	94.0	1.3	0.3
741	9/2/2015 08:15:52	18.87	50.16	32.92	7.11	7.90	5.4	1.800	92.9	2.0	0.5
742	9/2/2015 08:30:52	19.02	50.16	32.92	7.07	7.90	5.9	1.723	92.7	2.4	0.6
743	9/2/2015 08:45:52	19.05	50.19	32.95	7.01	7.89	5.3	1.671	92.0	2.2	0.5
744	9/2/2015 09:00:52	19.20	50.22	32.97	6.99	7.89	5.2	1.660	92.0	1.6	0.4
745	9/2/2015 09:15:52	19.17	50.18	32.94	7.08	7.89	6.3	1.683	93.1	2.1	0.5
746	9/2/2015 09:30:52	19.36	50.20	32.95	7.06	7.89	4.5	1.705	93.2	2.0	0.5
747	9/2/2015 09:45:52	19.43	50.23	32.98	7.02	7.89	4.5	1.762	92.8	2.6	0.6
748	9/2/2015 10:00:52	19.51	50.25	32.99	7.06	7.89	4.8	1.846	93.5	3.1	0.7
749	9/2/2015 10:15:52	19.55	50.25	32.99	7.06	7.89	6.0	1.955	93.6	2.1	0.5
750	9/2/2015 10:30:52	19.43	50.25	33.00	7.12	7.90	6.2	2.055	94.2	3.0	0.7
751	9/2/2015 10:45:52	19.27	50.22	32.97	7.19	7.90	6.5	2.157	94.8	2.4	0.6
752	9/2/2015 11:00:52	19.13	50.17	32.93	7.31	7.91	5.9	2.268	96.0	2.5	0.6
753	9/2/2015 11:15:52	19.16	50.19	32.95	7.35	7.91	6.6	2.374	96.6	2.8	0.7
754	9/2/2015 11:30:52	19.25	50.19	32.95	7.25	7.91	7.4	2.466	95.5	1.9	0.4
755	9/2/2015 11:45:52	19.17	50.16	32.93	7.32	7.91	7.0	2.572	96.3	2.2	0.5
756	9/2/2015 12:00:52	19.01	50.11	32.89	7.44	7.92	8.7	2.681	97.6	2.3	0.5
757	9/2/2015 12:15:52	18.86	50.08	32.87	7.57	7.93	10.2	2.780	98.9	2.6	0.6
758	9/2/2015 12:30:52	18.63	50.04	32.84	7.68	7.94	11.5	2.880	99.9	2.1	0.5
759	9/2/2015 12:45:52	18.43	49.96	32.78	7.80	7.95	12.8	2.981	101.1	1.4	0.3
760	9/2/2015 13:00:52	18.06	49.92	32.75	7.97	7.96	13.4	3.095	102.6	2.7	0.6
761	9/2/2015 13:15:52	17.56	49.86	32.70	8.18	7.98	12.6	3.203	104.3	2.1	0.5
762	9/2/2015 13:30:52	16.82	49.76	32.62	8.39	7.99	12.8	3.303	105.4	3.8	0.9
763	9/2/2015 13:45:52	16.35	49.74	32.60	8.46	8.01	10.7	3.421	105.2	2.7	0.6
764	9/2/2015 14:00:52	16.19	49.67	32.54	8.50	8.02	10.7	3.529	105.4	1.8	0.4
765	9/2/2015 14:15:52	15.94	49.71	32.57	8.52	8.02	9.0	3.630	105.0	2.5	0.6
766	9/2/2015 14:30:52	15.78	49.66	32.53	8.55	8.03	10.7	3.722	105.1	2.4	0.6
767	9/2/2015 14:45:52	15.61	49.67	32.53	8.59	8.04	7.6	3.808	105.2	2.2	0.5
768	9/2/2015 15:00:52	15.25	49.69	32.54	8.65	8.05	4.5	3.874	105.3	2.4	0.6
769	9/2/2015 15:15:52	15.09	49.65	32.51	8.65	8.05	3.7	3.919	104.9	1.8	0.4
770	9/2/2015 15:30:52	15.00	49.69	32.54	8.59	8.05	2.7	3.948	103.9	2.3	0.5
771	9/2/2015 15:45:52	15.53	49.74	32.59	8.57	8.05	3.4	3.953	104.8	2.4	0.6
772	9/2/2015 16:00:52	15.11	49.69	32.54	8.49	8.04	3.2	3.932	103.0	2.4	0.6
773	9/2/2015 16:15:52	15.33	49.69	32.54	8.48	8.04	4.2	3.879	103.3	1.3	0.3
774	9/2/2015 16:30:52	15.49	49.69	32.55	8.48	8.05	5.5	3.794	103.7	2.0	0.5
775	9/2/2015 16:45:52	16.05	49.71	32.57	8.64	8.06	6.8	3.708	106.8	2.8	0.7
776	9/2/2015 17:00:52	15.88	49.70	32.56	8.67	8.05	6.0	3.603	106.8	2.3	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
777	9/2/2015 17:15:52	17.78	49.83	32.68	8.61	8.06	8.1	3.487	110.2	1.9	0.5
778	9/2/2015 17:30:52	17.80	49.87	32.71	8.59	8.04	11.2	3.383	110.0	3.2	0.8
779	9/2/2015 17:45:52	17.66	49.76	32.63	8.66	8.04	9.0	3.245	110.5	2.8	0.7
780	9/2/2015 18:00:52	17.78	49.87	32.71	8.70	8.04	8.4	3.133	111.3	4.0	0.9
781	9/2/2015 18:15:52	18.24	49.85	32.70	8.71	8.04	7.8	3.020	112.4	2.7	0.7
782	9/2/2015 18:30:52	18.52	49.91	32.74	8.58	8.03	8.7	2.884	111.4	3.4	0.8
783	9/2/2015 18:45:52	18.90	49.99	32.80	8.58	8.03	8.9	2.761	112.2	2.7	0.6
784	9/2/2015 19:00:52	19.23	50.01	32.82	8.59	8.02	10.5	2.638	113.0	2.7	0.7
785	9/2/2015 19:15:52	18.83	49.95	32.77	8.49	8.00	8.9	2.514	110.9	3.2	0.8
786	9/2/2015 19:30:52	18.99	50.02	32.82	8.42	8.00	9.0	2.384	110.3	3.3	0.8
787	9/2/2015 19:45:52	18.53	49.99	32.80	8.44	8.00	8.7	2.266	109.7	2.8	0.7
788	9/2/2015 20:00:52	18.87	50.05	32.85	8.34	7.99	11.1	2.130	109.0	3.4	0.8
789	9/2/2015 20:15:52	19.13	50.07	32.86	8.24	7.99	10.5	2.011	108.3	3.4	0.8
790	9/2/2015 20:30:52	19.14	50.11	32.89	8.15	7.98	10.1	1.888	107.1	3.6	0.9
791	9/2/2015 20:45:52	19.25	50.11	32.89	8.04	7.97	9.8	1.781	105.9	4.0	0.9
792	9/2/2015 21:00:52	19.64	50.17	32.94	7.90	7.96	9.9	1.695	104.9	4.0	1.0
793	9/2/2015 21:15:52	19.67	50.20	32.96	7.87	7.96	9.7	1.618	104.5	3.4	0.8
794	9/2/2015 21:30:52	19.73	50.20	32.96	7.80	7.95	8.4	1.566	103.7	2.8	0.7
795	9/2/2015 21:45:52	19.84	50.25	32.99	7.79	7.95	8.8	1.537	103.7	3.5	0.8
796	9/2/2015 22:00:51	20.25	50.28	33.01	7.85	7.95	6.3	1.523	105.4	4.3	1.0
797	9/2/2015 22:15:52	20.15	50.30	33.03	7.92	7.95	7.2	1.544	106.1	3.7	0.9
798	9/2/2015 22:30:51	20.17	50.24	32.98	7.95	7.95	6.5	1.615	106.5	3.1	0.7
799	9/2/2015 22:45:51	20.45	50.33	33.04	8.13	7.97	6.8	1.680	109.6	3.5	0.8
800	9/2/2015 23:00:51	20.50	50.34	33.06	8.21	7.97	6.7	1.767	110.7	3.9	0.9
801	9/2/2015 23:15:52	20.31	50.32	33.04	8.14	7.96	6.5	1.878	109.4	4.0	0.9
802	9/2/2015 23:30:51	20.67	50.37	33.07	8.04	7.95	8.1	1.960	108.9	4.3	1.0
803	9/2/2015 23:45:51	20.60	50.33	33.04	8.00	7.94	8.2	2.058	108.0	4.6	1.1
804	9/3/2015 00:00:51	20.31	50.27	33.00	8.06	7.93	6.7	2.147	108.3	3.7	0.9
805	9/3/2015 00:15:51	20.23	50.25	32.99	8.09	7.94	6.2	2.245	108.5	3.6	0.9
806	9/3/2015 00:30:51	20.12	50.20	32.96	8.11	7.94	6.3	2.341	108.6	4.0	1.0
807	9/3/2015 00:45:52	19.74	50.17	32.93	8.04	7.93	6.2	2.424	106.8	3.7	0.9
808	9/3/2015 01:00:52	19.59	50.14	32.91	7.99	7.93	6.2	2.522	105.9	3.2	0.8
809	9/3/2015 01:15:52	19.41	50.08	32.87	8.00	7.94	6.5	2.606	105.7	3.2	0.8
810	9/3/2015 01:30:52	19.19	50.07	32.86	8.01	7.94	6.9	2.698	105.4	3.3	0.8
811	9/3/2015 01:45:52	19.04	50.05	32.84	8.06	7.95	8.2	2.777	105.7	3.5	0.8
812	9/3/2015 02:00:52	18.92	50.01	32.82	8.10	7.95	7.7	2.854	105.9	4.3	1.0
813	9/3/2015 02:15:52	18.75	49.99	32.80	8.14	7.96	9.5	2.943	106.1	3.3	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
814	9/3/2015 02:30:52	18.29	49.92	32.75	8.23	7.97	10.9	3.024	106.4	2.9	0.7
815	9/3/2015 02:45:52	17.92	49.89	32.73	8.31	7.97	9.8	3.111	106.7	2.3	0.5
816	9/3/2015 03:00:52	17.30	49.86	32.70	8.37	7.98	8.6	3.185	106.1	3.1	0.7
817	9/3/2015 03:15:52	16.87	49.82	32.66	8.43	7.99	9.9	3.263	106.0	2.9	0.7
818	9/3/2015 03:30:52	16.66	49.79	32.64	8.45	8.00	6.9	3.329	105.8	2.4	0.6
819	9/3/2015 03:45:52	16.60	49.79	32.64	8.41	8.00	4.1	3.374	105.2	2.7	0.6
820	9/3/2015 04:00:52	16.65	49.80	32.65	8.37	8.00	4.3	3.424	104.7	2.0	0.5
821	9/3/2015 04:15:52	17.35	49.63	32.53	7.90	7.98	3.8	3.439	100.1	2.7	0.6
822	9/3/2015 04:30:52	16.70	49.88	32.71	8.09	7.98	4.2	3.438	101.4	1.8	0.4
823	9/3/2015 04:45:52	16.60	49.85	32.68	8.10	7.99	4.7	3.424	101.3	2.2	0.5
824	9/3/2015 05:00:53	16.71	49.79	32.64	8.12	7.99	4.4	3.365	101.8	2.0	0.5
825	9/3/2015 05:15:52	16.95	49.84	32.68	7.97	7.98	6.2	3.310	100.4	2.9	0.7
826	9/3/2015 05:30:52	17.09	49.87	32.71	7.99	7.98	10.4	3.230	101.0	2.3	0.6
827	9/3/2015 05:45:52	16.91	49.85	32.69	8.09	7.99	6.4	3.146	101.8	3.3	0.8
828	9/3/2015 06:00:52	17.21	49.95	32.76	8.05	7.99	7.0	3.041	101.9	2.5	0.6
829	9/3/2015 06:15:52	17.79	49.98	32.79	7.85	7.97	7.2	2.952	100.6	1.9	0.4
830	9/3/2015 06:30:52	18.23	50.05	32.84	7.61	7.95	6.4	2.865	98.2	2.3	0.5
831	9/3/2015 06:45:52	18.54	50.11	32.89	7.35	7.93	6.8	2.775	95.5	2.4	0.6
832	9/3/2015 07:00:53	18.77	50.11	32.89	7.12	7.91	7.3	2.685	93.0	2.7	0.7
833	9/3/2015 07:15:52	18.83	50.13	32.90	7.18	7.91	7.4	2.583	93.8	2.3	0.5
834	9/3/2015 07:30:52	18.86	50.14	32.91	7.09	7.90	7.0	2.500	92.7	2.1	0.5
835	9/3/2015 07:45:52	18.72	50.15	32.92	7.07	7.90	7.1	2.412	92.2	2.5	0.6
836	9/3/2015 08:00:52	18.76	50.17	32.93	7.01	7.89	6.0	2.315	91.5	3.1	0.7
837	9/3/2015 08:15:52	18.80	50.17	32.94	7.16	7.90	6.5	2.225	93.5	2.4	0.6
838	9/3/2015 08:30:53	18.78	50.10	32.88	7.19	7.90	5.6	2.132	93.9	2.8	0.7
839	9/3/2015 08:45:52	18.79	50.14	32.91	7.26	7.91	6.3	2.060	94.7	2.3	0.6
840	9/3/2015 09:00:52	18.67	50.15	32.92	7.34	7.91	5.4	1.985	95.6	1.9	0.5
841	9/3/2015 09:15:52	18.87	50.17	32.93	7.33	7.91	4.2	1.945	95.9	1.7	0.4
842	9/3/2015 09:30:52	18.88	50.17	32.93	7.40	7.91	4.7	1.895	96.8	2.0	0.5
843	9/3/2015 09:45:52	19.03	50.21	32.96	7.35	7.91	4.2	1.887	96.4	2.8	0.7
844	9/3/2015 10:00:52	19.12	50.17	32.93	7.41	7.91	4.4	1.888	97.4	2.5	0.6
845	9/3/2015 10:15:52	19.15	50.18	32.94	7.37	7.91	4.3	1.913	96.8	3.2	0.8
846	9/3/2015 10:30:52	19.09	50.19	32.95	7.33	7.91	4.5	1.973	96.3	2.6	0.6
847	9/3/2015 10:45:52	19.17	50.19	32.95	7.31	7.91	4.6	2.014	96.2	2.6	0.6
848	9/3/2015 11:00:52	19.12	50.18	32.94	7.22	7.91	4.6	2.110	94.9	3.3	0.8
849	9/3/2015 11:15:52	19.21	50.16	32.93	7.28	7.91	5.3	2.201	95.9	2.6	0.6
850	9/3/2015 11:30:52	19.20	50.24	32.99	7.12	7.90	7.0	2.280	93.7	2.5	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
851	9/3/2015 11:45:52	19.18	50.25	32.99	7.14	7.90	7.4	2.370	93.9	3.4	0.8
852	9/3/2015 12:00:52	19.14	50.21	32.96	7.26	7.91	7.7	2.480	95.5	2.4	0.6
853	9/3/2015 12:15:52	19.07	50.15	32.92	7.38	7.91	6.9	2.563	96.8	2.3	0.5
854	9/3/2015 12:30:52	19.02	50.12	32.90	7.40	7.92	7.3	2.651	97.0	2.1	0.5
855	9/3/2015 12:45:52	18.83	50.07	32.86	7.56	7.93	8.1	2.746	98.7	1.9	0.5
856	9/3/2015 13:00:52	18.72	50.02	32.82	7.67	7.93	8.1	2.833	100.0	2.8	0.7
857	9/3/2015 13:15:52	18.49	49.96	32.78	7.82	7.94	8.7	2.934	101.5	2.2	0.5
858	9/3/2015 13:30:52	18.20	49.93	32.75	7.95	7.95	9.6	3.024	102.5	2.3	0.5
859	9/3/2015 13:45:52	18.09	49.90	32.73	8.03	7.96	9.1	3.116	103.3	3.0	0.7
860	9/3/2015 14:00:52	17.58	49.82	32.67	8.17	7.97	10.6	3.229	104.2	2.5	0.6
861	9/3/2015 14:15:52	17.15	49.82	32.67	8.29	7.98	11.5	3.324	104.8	2.4	0.6
862	9/3/2015 14:30:52	16.45	49.76	32.61	8.41	7.99	11.4	3.422	104.9	1.8	0.4
863	9/3/2015 14:45:52	16.07	49.73	32.59	8.48	8.00	11.3	3.521	104.8	2.9	0.7
864	9/3/2015 15:00:52	15.69	49.69	32.55	8.50	8.01	10.1	3.614	104.3	2.8	0.7
865	9/3/2015 15:15:52	15.43	49.71	32.56	8.50	8.01	6.2	3.690	103.8	2.2	0.5
866	9/3/2015 15:30:52	15.31	49.69	32.54	8.51	8.02	5.2	3.762	103.7	2.7	0.6
867	9/3/2015 15:45:52	15.24	49.71	32.56	8.51	8.02	3.2	3.818	103.5	2.2	0.5
868	9/3/2015 16:00:52	15.22	49.69	32.54	8.50	8.02	2.2	3.859	103.3	2.0	0.5
869	9/3/2015 16:15:52	15.22	49.71	32.55	8.47	8.02	2.3	3.887	103.0	2.1	0.5
870	9/3/2015 16:30:52	15.23	49.70	32.55	8.20	8.01	2.0	3.881	99.7	1.7	0.4
871	9/3/2015 16:45:52	15.24	49.66	32.52	8.32	8.02	4.6	3.858	101.2	1.8	0.4
872	9/3/2015 17:00:52	15.31	49.73	32.57	8.35	8.02	3.4	3.813	101.7	1.3	0.3
873	9/3/2015 17:15:52	15.82	49.74	32.59	8.39	8.03	10.6	3.743	103.3	2.3	0.5
874	9/3/2015 17:30:52	16.05	49.75	32.60	8.52	8.03	13.9	3.662	105.3	2.9	0.7
875	9/3/2015 17:45:52	15.78	49.74	32.59	8.55	8.03	10.7	3.562	105.1	3.2	0.8
876	9/3/2015 18:00:52	16.98	49.80	32.65	8.43	8.03	12.8	3.455	106.2	3.8	0.9
877	9/3/2015 18:15:53	17.27	49.81	32.66	8.52	8.03	12.1	3.357	108.0	3.6	0.9
878	9/3/2015 18:30:52	17.49	49.84	32.69	8.43	8.02	15.2	3.249	107.3	3.4	0.8
879	9/3/2015 18:45:52	17.66	49.85	32.69	8.39	8.01	13.4	3.138	107.0	3.8	0.9
880	9/3/2015 19:00:52	17.74	49.89	32.72	8.38	8.01	17.6	3.024	107.1	3.9	0.9
881	9/3/2015 19:15:52	18.48	49.97	32.78	8.23	8.00	21.2	2.913	106.7	3.9	0.9
882	9/3/2015 19:30:52	18.99	50.05	32.84	8.34	8.02	23.4	2.797	109.2	3.8	0.9
883	9/3/2015 19:45:52	19.06	50.04	32.84	8.02	7.98	22.5	2.681	105.2	4.4	1.0
884	9/3/2015 20:00:52	19.03	50.03	32.83	8.09	7.99	23.1	2.570	106.0	4.6	1.1
885	9/3/2015 20:15:52	18.93	49.99	32.80	7.94	7.97	24.8	2.455	103.8	4.2	1.0
886	9/3/2015 20:30:52	18.79	50.00	32.81	7.92	7.96	24.7	2.342	103.3	4.8	1.1
887	9/3/2015 20:45:52	18.54	49.96	32.78	7.88	7.96	21.0	2.214	102.4	4.5	1.1

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
888	9/3/2015 21:00:52	18.38	49.95	32.77	7.82	7.96	20.5	2.102	101.3	5.2	1.2
889	9/3/2015 21:15:52	18.56	50.02	32.83	7.76	7.95	20.9	1.995	100.8	3.9	0.9
890	9/3/2015 21:30:52	18.54	50.05	32.85	7.70	7.94	19.7	1.869	100.1	3.6	0.9
891	9/3/2015 21:45:52	18.51	50.05	32.85	7.63	7.93	17.3	1.770	99.0	4.3	1.0
892	9/3/2015 22:00:52	18.53	50.09	32.87	7.53	7.92	15.7	1.696	97.8	4.5	1.1
893	9/3/2015 22:15:52	18.63	50.11	32.89	7.45	7.91	14.9	1.626	96.9	4.4	1.1
894	9/3/2015 22:30:52	18.87	50.21	32.96	7.39	7.91	14.5	1.575	96.7	4.1	1.0
895	9/3/2015 22:45:52	18.97	50.22	32.97	7.37	7.90	12.7	1.555	96.6	4.1	1.0
896	9/3/2015 23:00:52	19.13	50.32	33.04	7.41	7.89	14.0	1.552	97.5	4.4	1.0
897	9/3/2015 23:15:52	19.09	50.09	32.88	7.46	7.91	12.8	1.588	98.0	3.9	0.9
898	9/3/2015 23:30:52	19.29	50.18	32.94	7.49	7.92	13.4	1.646	98.7	4.0	0.9
899	9/3/2015 23:45:52	19.73	50.29	33.02	7.71	7.96	14.2	1.708	102.6	4.0	0.9
900	9/4/2015 00:00:52	19.59	50.27	33.01	7.71	7.95	14.1	1.786	102.2	3.5	0.8
901	9/4/2015 00:15:52	19.53	50.25	32.99	7.69	7.94	14.0	1.878	101.9	4.6	1.1
902	9/4/2015 00:30:52	19.38	50.18	32.94	7.68	7.93	13.2	1.967	101.4	4.6	1.1
903	9/4/2015 00:45:52	19.20	50.15	32.92	7.67	7.93	13.0	2.056	100.9	3.4	0.8
904	9/4/2015 01:00:52	19.06	50.11	32.89	7.68	7.93	12.1	2.135	100.8	3.7	0.9
905	9/4/2015 01:15:52	19.20	50.14	32.91	7.71	7.94	10.8	2.212	101.4	4.0	1.0
906	9/4/2015 01:30:52	19.30	50.16	32.93	7.72	7.94	10.6	2.305	101.7	4.2	1.0
907	9/4/2015 01:45:52	19.26	50.15	32.92	7.71	7.94	10.3	2.383	101.6	4.3	1.0
908	9/4/2015 02:00:52	19.15	50.09	32.88	7.71	7.93	10.4	2.463	101.3	4.2	1.0
909	9/4/2015 02:15:52	18.96	50.03	32.83	7.75	7.93	9.2	2.544	101.5	3.7	0.9
910	9/4/2015 02:30:52	18.63	49.98	32.79	7.84	7.93	10.7	2.614	102.0	3.6	0.8
911	9/4/2015 02:45:53	18.47	49.92	32.75	7.88	7.94	10.9	2.695	102.2	3.1	0.7
912	9/4/2015 03:00:53	18.37	49.91	32.74	7.91	7.95	10.1	2.763	102.4	3.3	0.8
913	9/4/2015 03:15:52	18.32	49.92	32.75	7.91	7.95	12.5	2.847	102.3	3.3	0.8
914	9/4/2015 03:30:52	18.21	49.92	32.75	7.94	7.95	11.9	2.921	102.4	2.8	0.7
915	9/4/2015 03:45:52	17.88	49.87	32.71	8.04	7.96	12.0	2.986	103.0	3.1	0.7
916	9/4/2015 04:00:52	17.67	49.84	32.69	8.07	7.96	12.5	3.052	103.1	2.7	0.6
917	9/4/2015 04:15:52	17.46	49.81	32.66	8.10	7.97	11.5	3.114	103.0	3.2	0.8
918	9/4/2015 04:30:52	17.10	49.77	32.63	8.16	7.97	8.8	3.183	103.0	3.5	0.8
919	9/4/2015 04:45:52	16.72	49.75	32.61	8.23	7.98	7.6	3.229	103.1	3.5	0.8
920	9/4/2015 05:00:52	16.69	49.77	32.63	8.19	7.98	5.8	3.259	102.6	3.3	0.8
921	9/4/2015 05:15:52	17.85	50.14	32.90	7.16	7.93	8.7	3.290	91.9	4.0	1.0
922	9/4/2015 05:30:52	17.09	49.90	32.72	7.65	7.95	5.7	3.302	96.5	2.8	0.7
923	9/4/2015 05:45:52	16.66	49.87	32.70	7.92	7.97	4.9	3.291	99.1	1.9	0.4
924	9/4/2015 06:00:52	17.60	50.15	32.91	7.10	7.92	9.5	3.242	90.7	2.7	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
925	9/4/2015 06:15:52	17.37	49.92	32.74	7.60	7.95	10.7	3.195	96.5	3.1	0.7
926	9/4/2015 06:30:52	17.60	49.87	32.71	7.65	7.95	9.9	3.150	97.5	3.1	0.7
927	9/4/2015 06:45:52	17.52	49.86	32.70	7.66	7.95	9.4	3.065	97.5	2.0	0.5
928	9/4/2015 07:00:52	17.40	49.86	32.70	7.79	7.96	9.3	2.979	98.9	2.3	0.5
929	9/4/2015 07:15:52	17.61	49.89	32.72	7.64	7.96	9.6	2.901	97.5	4.0	0.9
930	9/4/2015 07:30:52	17.87	49.94	32.76	7.53	7.95	9.6	2.829	96.5	2.0	0.5
931	9/4/2015 07:45:52	18.02	49.98	32.79	7.36	7.93	10.3	2.747	94.6	2.6	0.6
932	9/4/2015 08:00:52	18.11	50.02	32.82	7.16	7.91	10.3	2.658	92.3	3.4	0.8
933	9/4/2015 08:15:52	18.13	50.02	32.82	7.16	7.91	8.7	2.593	92.2	2.7	0.6
934	9/4/2015 08:30:52	18.12	50.05	32.84	7.13	7.91	7.6	2.530	91.9	2.7	0.6
935	9/4/2015 08:45:52	18.15	50.04	32.84	7.20	7.91	7.8	2.448	92.9	2.8	0.7
936	9/4/2015 09:00:53	18.09	50.01	32.82	7.34	7.92	6.8	2.382	94.5	2.8	0.7
937	9/4/2015 09:15:52	18.29	50.06	32.85	7.21	7.91	6.8	2.310	93.2	2.3	0.5
938	9/4/2015 09:30:52	18.31	50.07	32.86	7.20	7.91	6.5	2.263	93.2	2.5	0.6
939	9/4/2015 09:45:52	18.28	50.06	32.85	7.32	7.92	6.1	2.201	94.7	2.7	0.7
940	9/4/2015 10:00:52	18.16	50.03	32.83	7.51	7.93	5.6	2.158	96.9	2.0	0.5
941	9/4/2015 10:15:53	18.24	50.02	32.83	7.46	7.92	5.2	2.137	96.4	2.9	0.7
942	9/4/2015 10:30:52	18.27	50.06	32.85	7.36	7.91	4.3	2.120	95.2	2.9	0.7
943	9/4/2015 10:45:52	18.54	50.25	32.99	6.80	7.90	7.0	2.119	88.4	1.9	0.4
944	9/4/2015 11:00:52	18.51	50.35	33.07	6.73	7.90	6.2	2.124	87.5	2.7	0.6
945	9/4/2015 11:15:53	18.51	50.28	33.01	6.83	7.90	6.2	2.165	88.8	3.1	0.7
946	9/4/2015 11:30:52	18.53	50.24	32.99	6.94	7.91	6.4	2.209	90.3	2.5	0.6
947	9/4/2015 11:45:52	18.51	50.16	32.93	7.05	7.91	6.8	2.266	91.6	3.2	0.8
948	9/4/2015 12:00:52	18.48	50.15	32.92	7.13	7.91	7.4	2.335	92.5	2.3	0.6
949	9/4/2015 12:15:52	18.47	50.10	32.88	7.19	7.91	7.3	2.410	93.3	2.5	0.6
950	9/4/2015 12:30:52	18.43	50.17	32.93	7.15	7.92	9.8	2.491	92.7	3.5	0.8
951	9/4/2015 12:45:52	18.42	50.13	32.90	7.23	7.92	9.5	2.560	93.7	2.9	0.7
952	9/4/2015 13:00:52	18.36	50.05	32.85	7.34	7.92	8.9	2.641	95.1	3.2	0.8
953	9/4/2015 13:15:52	18.28	49.99	32.80	7.42	7.92	8.9	2.719	95.9	2.1	0.5
954	9/4/2015 13:30:52	18.12	49.91	32.74	7.50	7.93	10.3	2.798	96.6	2.8	0.7
955	9/4/2015 13:45:52	18.00	49.87	32.71	7.61	7.94	10.0	2.879	97.8	2.2	0.5
956	9/4/2015 14:00:52	17.95	49.85	32.70	7.73	7.94	11.0	2.957	99.2	3.4	0.8
957	9/4/2015 14:15:52	17.86	49.81	32.67	7.84	7.95	11.0	3.040	100.4	2.7	0.6
958	9/4/2015 14:30:52	17.67	49.81	32.66	7.95	7.96	10.6	3.125	101.4	2.5	0.6
959	9/4/2015 14:45:52	17.44	49.78	32.64	8.03	7.97	10.4	3.214	102.0	2.7	0.6
960	9/4/2015 15:00:52	17.14	49.76	32.62	8.13	7.97	11.7	3.295	102.7	2.4	0.6
961	9/4/2015 15:15:53	16.65	49.71	32.58	8.20	7.98	14.3	3.389	102.6	2.2	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
962	9/4/2015 15:30:52	16.27	49.67	32.55	8.33	7.99	11.2	3.473	103.4	2.5	0.6
963	9/4/2015 15:45:52	15.81	49.66	32.53	8.35	7.99	9.3	3.549	102.8	3.1	0.7
964	9/4/2015 16:00:52	15.34	49.67	32.53	8.39	8.00	9.1	3.626	102.2	2.8	0.7
965	9/4/2015 16:15:52	14.93	49.68	32.53	8.39	8.00	7.0	3.694	101.4	2.9	0.7
966	9/4/2015 16:30:52	14.74	49.70	32.54	8.40	8.00	5.1	3.745	101.2	2.4	0.6
967	9/4/2015 16:45:52	14.71	49.70	32.53	8.37	8.00	3.7	3.789	100.8	2.8	0.7
968	9/4/2015 17:00:52	14.67	49.66	32.50	8.31	8.00	3.0	3.815	100.0	1.7	0.4
969	9/4/2015 17:15:52	14.84	49.57	32.45	8.09	7.99	3.1	3.827	97.6	2.6	0.6
970	9/4/2015 17:30:52	14.68	49.73	32.55	8.19	8.00	3.2	3.813	98.6	1.4	0.3
971	9/4/2015 17:45:52	14.72	49.70	32.53	8.24	8.00	4.2	3.776	99.2	2.0	0.5
972	9/4/2015 18:00:52	15.09	49.80	32.62	8.25	8.00	6.2	3.720	100.1	2.0	0.5
973	9/4/2015 18:15:52	16.09	49.71	32.57	8.33	8.02	10.2	3.641	103.1	2.7	0.7
974	9/4/2015 18:30:52	16.08	49.74	32.59	8.42	8.01	7.2	3.560	104.1	3.1	0.7
975	9/4/2015 18:45:52	16.04	49.74	32.59	8.38	8.01	7.3	3.471	103.6	2.9	0.7
976	9/4/2015 19:00:52	17.25	49.82	32.67	8.41	8.02	9.8	3.362	106.4	3.4	0.8
977	9/4/2015 19:15:52	17.33	49.82	32.67	8.40	8.02	12.3	3.262	106.5	3.2	0.8
978	9/4/2015 19:30:52	17.32	49.80	32.65	8.48	8.01	10.4	3.167	107.5	2.9	0.7
979	9/4/2015 19:45:52	17.58	49.83	32.68	8.39	8.01	10.4	3.063	106.9	3.0	0.7
980	9/4/2015 20:00:52	17.77	49.86	32.70	8.39	8.01	12.2	2.960	107.4	2.8	0.7
981	9/4/2015 20:15:52	18.26	49.95	32.77	8.35	8.01	13.6	2.862	107.9	4.2	1.0
982	9/4/2015 20:30:52	18.42	49.98	32.80	8.41	8.01	12.8	2.761	109.0	4.0	0.9
983	9/4/2015 20:45:52	18.49	50.03	32.83	8.34	8.00	12.5	2.651	108.3	3.4	0.8
984	9/4/2015 21:00:52	18.40	49.95	32.77	8.24	7.99	13.7	2.540	106.7	3.6	0.9
985	9/4/2015 21:15:52	18.05	49.90	32.73	8.14	7.97	13.2	2.435	104.7	2.8	0.7
986	9/4/2015 21:30:52	17.95	49.84	32.69	8.00	7.96	12.1	2.323	102.7	3.7	0.9
987	9/4/2015 21:45:52	17.74	49.88	32.72	7.98	7.96	12.9	2.206	102.1	3.7	0.9
988	9/4/2015 22:00:52	17.97	49.93	32.76	7.93	7.96	12.6	2.104	101.9	3.1	0.7
989	9/4/2015 22:15:52	18.27	50.02	32.82	7.92	7.96	12.4	2.001	102.4	3.7	0.9
990	9/4/2015 22:30:52	18.07	50.01	32.81	7.81	7.95	11.4	1.891	100.5	4.3	1.0
991	9/4/2015 22:45:52	18.08	50.01	32.81	7.75	7.94	9.6	1.810	99.8	3.6	0.9
992	9/4/2015 23:00:52	18.22	50.08	32.86	7.71	7.94	10.3	1.727	99.6	3.2	0.8
993	9/4/2015 23:15:52	18.34	50.06	32.85	7.66	7.94	8.3	1.677	99.1	3.2	0.8
994	9/4/2015 23:30:52	18.48	50.17	32.93	7.61	7.93	8.2	1.631	98.8	3.1	0.8
995	9/4/2015 23:45:52	18.72	50.21	32.97	7.66	7.94	7.8	1.614	99.9	2.9	0.7
996	9/5/2015 00:00:52	18.90	50.20	32.95	7.65	7.93	6.8	1.616	100.1	4.4	1.0
997	9/5/2015 00:15:52	18.93	50.23	32.98	7.98	7.96	7.4	1.645	104.5	2.9	0.7
998	9/5/2015 00:30:52	18.85	50.17	32.93	7.91	7.96	7.0	1.686	103.4	3.3	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
999	9/5/2015 00:45:52	19.03	50.16	32.93	8.03	7.97	7.7	1.741	105.3	3.3	0.8
1000	9/5/2015 01:00:52	18.98	50.18	32.94	8.06	7.97	7.3	1.806	105.7	3.7	0.9
1001	9/5/2015 01:15:52	18.96	50.19	32.95	8.06	7.97	7.9	1.875	105.6	3.2	0.8
1002	9/5/2015 01:30:52	18.88	50.18	32.94	8.04	7.97	7.4	1.954	105.1	3.6	0.8
1003	9/5/2015 01:45:52	18.76	50.14	32.91	7.96	7.96	6.9	2.033	103.9	2.5	0.6
1004	9/5/2015 02:00:52	18.66	50.14	32.91	7.92	7.95	6.8	2.108	103.2	3.3	0.8
1005	9/5/2015 02:15:53	18.44	50.06	32.85	7.87	7.94	7.0	2.177	102.0	3.5	0.8
1006	9/5/2015 02:30:52	18.49	50.08	32.87	7.91	7.95	6.1	2.254	102.7	3.7	0.9
1007	9/5/2015 02:45:52	18.58	50.10	32.88	7.92	7.95	7.0	2.329	103.0	3.3	0.8
1008	9/5/2015 03:00:52	18.65	50.12	32.90	7.92	7.96	6.9	2.400	103.1	4.1	1.0
1009	9/5/2015 03:15:52	18.62	50.09	32.87	7.92	7.95	6.5	2.477	103.1	3.1	0.7
1010	9/5/2015 03:30:52	18.52	50.06	32.85	7.90	7.95	6.7	2.556	102.6	3.1	0.8
1011	9/5/2015 03:45:52	18.40	50.02	32.82	7.90	7.95	6.2	2.622	102.3	3.1	0.7
1012	9/5/2015 04:00:52	18.17	49.96	32.78	7.93	7.95	6.2	2.695	102.2	2.9	0.7
1013	9/5/2015 04:15:52	18.04	49.94	32.76	7.93	7.95	6.6	2.761	102.0	2.8	0.7
1014	9/5/2015 04:30:52	17.90	49.93	32.75	7.97	7.95	6.7	2.828	102.2	3.4	0.8
1015	9/5/2015 04:45:52	17.78	49.88	32.71	8.00	7.96	8.0	2.898	102.4	3.1	0.7
1016	9/5/2015 05:00:52	17.65	49.86	32.70	8.02	7.96	8.9	2.955	102.3	3.2	0.8
1017	9/5/2015 05:15:52	17.49	49.82	32.67	8.04	7.96	9.1	3.015	102.2	3.1	0.7
1018	9/5/2015 05:30:52	17.20	49.84	32.68	8.11	7.96	6.4	3.071	102.5	2.3	0.5
1019	9/5/2015 05:45:52	17.12	49.80	32.65	8.09	7.96	6.7	3.124	102.2	2.7	0.6
1020	9/5/2015 06:00:52	16.88	49.82	32.67	8.11	7.97	5.9	3.166	102.0	3.8	0.9
1021	9/5/2015 06:15:52	16.82	49.77	32.63	8.02	7.96	4.5	3.196	100.7	3.5	0.8
1022	9/5/2015 06:30:52	17.70	50.06	32.85	7.47	7.93	6.7	3.215	95.6	2.1	0.5
1023	9/5/2015 06:45:53	16.94	49.90	32.72	7.73	7.94	5.2	3.217	97.3	3.0	0.7
1024	9/5/2015 07:00:52	16.56	49.82	32.66	7.90	7.95	7.1	3.199	98.7	2.1	0.5
1025	9/5/2015 07:15:53	17.35	50.07	32.85	7.05	7.90	8.5	3.178	89.6	3.5	0.8
1026	9/5/2015 07:30:52	17.40	50.08	32.86	7.28	7.91	7.9	3.125	92.5	2.4	0.6
1027	9/5/2015 07:45:52	17.55	49.94	32.76	7.60	7.94	8.4	3.070	96.9	1.9	0.5
1028	9/5/2015 08:00:52	17.38	49.91	32.73	7.74	7.94	7.4	3.013	98.3	2.4	0.6
1029	9/5/2015 08:15:52	17.31	49.87	32.70	7.80	7.95	6.3	2.941	99.0	3.0	0.7
1030	9/5/2015 08:30:53	17.30	49.85	32.69	7.84	7.95	5.5	2.870	99.3	2.7	0.7
1031	9/5/2015 08:45:53	17.78	49.95	32.77	7.55	7.94	5.9	2.810	96.6	3.0	0.7
1032	9/5/2015 09:00:52	17.84	49.98	32.79	7.51	7.93	5.4	2.739	96.2	2.5	0.6
1033	9/5/2015 09:15:52	17.89	49.99	32.80	7.45	7.93	5.4	2.678	95.6	2.5	0.6
1034	9/5/2015 09:30:52	17.94	50.02	32.82	7.50	7.93	5.6	2.621	96.3	2.9	0.7
1035	9/5/2015 09:45:52	17.78	50.01	32.81	7.76	7.94	5.1	2.561	99.3	3.1	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1036	9/5/2015 10:00:53	18.06	50.05	32.84	7.46	7.92	5.9	2.507	96.1	2.6	0.6
1037	9/5/2015 10:15:52	18.11	50.05	32.84	7.52	7.92	5.4	2.456	96.8	2.2	0.5
1038	9/5/2015 10:30:52	18.12	50.08	32.86	7.42	7.92	4.4	2.418	95.6	2.7	0.6
1039	9/5/2015 10:45:52	18.16	50.06	32.85	7.49	7.92	4.5	2.373	96.6	2.8	0.7
1040	9/5/2015 11:00:52	18.19	50.11	32.89	7.37	7.91	4.0	2.338	95.1	2.3	0.5
1041	9/5/2015 11:15:53	18.23	50.09	32.87	7.27	7.90	4.0	2.321	93.9	2.3	0.5
1042	9/5/2015 11:30:52	18.31	50.27	33.01	7.09	7.91	4.2	2.301	91.8	2.7	0.6
1043	9/5/2015 11:45:52	18.31	50.29	33.02	7.24	7.90	6.7	2.292	93.7	2.7	0.6
1044	9/5/2015 12:00:52	18.37	50.31	33.04	7.47	7.92	5.9	2.301	96.9	2.7	0.6
1045	9/5/2015 12:15:52	18.32	50.31	33.04	7.41	7.92	5.7	2.321	95.9	2.4	0.6
1046	9/5/2015 12:30:52	18.31	50.21	32.96	7.44	7.92	6.1	2.358	96.3	2.9	0.7
1047	9/5/2015 12:45:52	18.32	50.21	32.96	7.48	7.92	5.4	2.387	96.8	3.2	0.8
1048	9/5/2015 13:00:52	18.25	50.13	32.90	7.55	7.91	5.4	2.447	97.6	2.6	0.6
1049	9/5/2015 13:15:52	18.20	50.14	32.91	7.55	7.91	5.5	2.508	97.5	2.5	0.6
1050	9/5/2015 13:30:52	18.17	50.05	32.84	7.61	7.91	5.8	2.573	98.2	2.9	0.7
1051	9/5/2015 13:45:52	18.16	50.11	32.89	7.58	7.91	7.2	2.631	97.8	3.4	0.8
1052	9/5/2015 14:00:52	18.14	50.08	32.87	7.62	7.91	6.8	2.701	98.3	2.3	0.5
1053	9/5/2015 14:15:52	18.12	50.05	32.84	7.63	7.91	6.3	2.778	98.4	3.0	0.7
1054	9/5/2015 14:30:52	18.07	49.97	32.78	7.73	7.92	6.6	2.846	99.5	3.4	0.8
1055	9/5/2015 14:45:52	17.92	49.98	32.79	7.75	7.92	6.3	2.916	99.4	2.6	0.6
1056	9/5/2015 15:00:52	17.79	49.89	32.73	7.85	7.92	6.8	2.982	100.5	3.0	0.7
1057	9/5/2015 15:15:53	17.71	49.90	32.73	7.92	7.93	6.5	3.061	101.2	2.5	0.6
1058	9/5/2015 15:30:52	17.53	49.84	32.69	7.91	7.93	6.0	3.130	100.7	2.2	0.5
1059	9/5/2015 15:45:52	17.34	49.84	32.68	8.00	7.93	7.1	3.198	101.5	2.0	0.5
1060	9/5/2015 16:00:52	17.08	49.76	32.62	8.09	7.94	7.0	3.276	102.1	3.1	0.7
1061	9/5/2015 16:15:52	16.82	49.78	32.63	8.16	7.94	5.5	3.345	102.5	1.8	0.4
1062	9/5/2015 16:30:53	16.66	49.77	32.63	8.21	7.95	5.2	3.411	102.7	1.8	0.4
1063	9/5/2015 16:45:52	16.57	49.77	32.62	8.24	7.95	5.2	3.476	102.9	2.4	0.6
1064	9/5/2015 17:00:52	16.35	49.74	32.60	8.34	7.96	4.6	3.544	103.7	2.8	0.7
1065	9/5/2015 17:15:52	16.07	49.74	32.60	8.47	7.97	3.8	3.592	104.8	2.2	0.5
1066	9/5/2015 17:30:52	15.96	49.72	32.58	8.45	7.97	4.0	3.636	104.3	2.5	0.6
1067	9/5/2015 17:45:52	15.80	49.72	32.58	8.46	7.97	3.7	3.670	104.0	1.3	0.3
1068	9/5/2015 18:00:53	16.18	49.72	32.58	8.24	7.96	4.1	3.681	102.1	3.2	0.8
1069	9/5/2015 18:15:53	15.81	49.70	32.56	8.18	7.96	3.5	3.694	100.7	2.4	0.6
1070	9/5/2015 18:30:52	15.91	49.73	32.58	8.24	7.96	6.2	3.677	101.6	2.0	0.5
1071	9/5/2015 18:45:52	16.27	49.76	32.61	8.42	7.97	21.7	3.642	104.5	3.3	0.8
1072	9/5/2015 19:00:52	15.80	49.73	32.58	8.62	7.98	18.7	3.587	106.1	4.8	1.1

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1073	9/5/2015 19:15:52	15.65	49.73	32.58	8.62	7.99	19.2	3.528	105.7	3.3	0.8
1074	9/5/2015 19:30:52	15.52	49.76	32.60	8.58	7.98	17.2	3.458	104.9	3.0	0.7
1075	9/5/2015 19:45:52	15.62	49.82	32.64	8.51	7.98	18.6	3.378	104.4	3.7	0.9
1076	9/5/2015 20:00:52	15.90	49.76	32.61	8.39	7.97	30.2	3.286	103.5	3.7	0.9
1077	9/5/2015 20:15:52	16.47	49.81	32.65	8.21	7.96	37.9	3.199	102.3	6.0	1.4
1078	9/5/2015 20:30:52	17.23	49.81	32.66	8.03	7.95	44.6	3.119	101.7	4.8	1.1
1079	9/5/2015 20:45:52	17.62	49.92	32.75	7.94	7.94	45.3	3.022	101.3	4.7	1.1
1080	9/5/2015 21:00:52	17.04	49.88	32.71	8.01	7.94	40.5	2.921	101.1	5.6	1.3
1081	9/5/2015 21:15:53	16.77	49.85	32.69	8.05	7.93	36.0	2.837	101.0	5.0	1.2
1082	9/5/2015 21:30:53	16.43	49.70	32.57	8.05	7.93	31.1	2.739	100.3	4.7	1.1
1083	9/5/2015 21:45:52	16.53	49.82	32.66	8.01	7.93	26.3	2.637	100.1	4.6	1.1
1084	9/5/2015 22:00:53	16.87	49.85	32.69	7.95	7.93	32.6	2.541	100.0	3.7	0.9
1085	9/5/2015 22:15:53	16.50	49.78	32.63	7.94	7.92	24.7	2.421	99.1	4.6	1.1
1086	9/5/2015 22:30:53	16.43	49.83	32.67	7.94	7.92	23.5	2.318	98.9	3.7	0.9
1087	9/5/2015 22:45:52	16.96	49.96	32.77	7.85	7.92	25.0	2.219	98.9	4.1	1.0
1088	9/5/2015 23:00:52	17.25	49.95	32.76	7.78	7.91	26.3	2.093	98.5	4.0	0.9
1089	9/5/2015 23:15:52	17.17	50.00	32.80	7.72	7.91	25.2	1.999	97.6	3.8	0.9
1090	9/5/2015 23:30:52	17.61	50.05	32.84	7.64	7.91	26.6	1.905	97.6	5.0	1.2
1091	9/5/2015 23:45:53	17.49	50.07	32.85	7.62	7.90	21.6	1.815	97.0	3.7	0.9
1092	9/6/2015 00:00:52	17.55	50.05	32.84	7.58	7.90	19.8	1.740	96.6	3.4	0.8
1093	9/6/2015 00:15:52	17.75	50.08	32.86	7.53	7.90	17.8	1.678	96.4	4.0	1.0
1094	9/6/2015 00:30:52	17.97	50.09	32.87	7.46	7.90	16.7	1.626	95.9	4.4	1.0
1095	9/6/2015 00:45:52	18.12	50.14	32.91	7.41	7.90	17.0	1.606	95.5	4.2	1.0
1096	9/6/2015 01:00:52	18.12	50.13	32.90	7.56	7.89	18.4	1.606	97.5	4.2	1.0
1097	9/6/2015 01:15:52	18.03	50.14	32.91	7.58	7.90	16.8	1.596	97.6	3.6	0.8
1098	9/6/2015 01:30:52	18.04	50.14	32.91	7.58	7.90	16.3	1.643	97.6	4.0	0.9
1099	9/6/2015 01:45:52	18.24	50.17	32.93	7.64	7.92	19.2	1.680	98.7	4.6	1.1
1100	9/6/2015 02:00:52	18.19	50.17	32.93	7.65	7.91	18.7	1.732	98.8	4.0	0.9
1101	9/6/2015 02:15:52	18.19	50.17	32.93	7.66	7.91	18.6	1.795	98.9	4.4	1.0
1102	9/6/2015 02:30:52	18.20	50.21	32.96	7.66	7.91	18.5	1.861	98.9	3.6	0.9
1103	9/6/2015 02:45:52	18.09	50.18	32.94	7.63	7.90	17.6	1.927	98.3	4.3	1.0
1104	9/6/2015 03:00:52	18.18	50.31	33.03	7.65	7.92	17.0	1.998	98.8	4.3	1.0
1105	9/6/2015 03:15:52	18.07	50.30	33.03	7.65	7.92	15.4	2.068	98.6	4.3	1.0
1106	9/6/2015 03:30:52	18.00	50.24	32.98	7.65	7.92	14.5	2.143	98.4	3.5	0.8
1107	9/6/2015 03:45:52	17.95	50.20	32.95	7.65	7.91	14.5	2.211	98.3	4.0	1.0
1108	9/6/2015 04:00:52	17.93	50.15	32.91	7.66	7.92	13.6	2.276	98.5	3.7	0.9
1109	9/6/2015 04:15:52	17.95	50.16	32.92	7.69	7.92	13.2	2.360	98.9	3.9	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1110	9/6/2015 04:30:53	17.97	50.16	32.92	7.69	7.92	15.0	2.434	98.8	3.5	0.8
1111	9/6/2015 04:45:52	17.96	50.13	32.90	7.70	7.93	14.9	2.502	98.9	3.3	0.8
1112	9/6/2015 05:00:52	17.89	50.10	32.88	7.70	7.93	14.0	2.573	98.8	3.6	0.8
1113	9/6/2015 05:15:52	17.64	50.04	32.83	7.79	7.93	13.4	2.644	99.5	3.7	0.9
1114	9/6/2015 05:30:52	17.47	49.96	32.78	7.85	7.94	11.5	2.705	99.9	3.5	0.8
1115	9/6/2015 05:45:52	17.36	49.92	32.75	7.85	7.94	12.5	2.770	99.7	3.0	0.7
1116	9/6/2015 06:00:52	17.29	49.95	32.76	7.84	7.94	11.6	2.837	99.4	3.3	0.8
1117	9/6/2015 06:15:52	17.12	49.91	32.73	7.91	7.95	13.1	2.894	99.9	3.5	0.8
1118	9/6/2015 06:30:53	17.02	49.88	32.71	7.91	7.95	15.9	2.956	99.8	3.1	0.7
1119	9/6/2015 06:45:52	16.79	49.78	32.64	7.96	7.95	16.9	3.006	99.9	3.9	0.9
1120	9/6/2015 07:00:53	16.63	49.83	32.67	8.00	7.95	12.2	3.055	100.1	3.2	0.8
1121	9/6/2015 07:15:53	16.48	49.81	32.65	7.99	7.95	11.7	3.095	99.6	2.9	0.7
1122	9/6/2015 07:30:52	16.40	49.82	32.66	7.94	7.95	11.8	3.130	98.9	2.1	0.5
1123	9/6/2015 07:45:52	17.17	50.00	32.80	7.52	7.93	9.7	3.158	95.1	2.5	0.6
1124	9/6/2015 08:00:52	17.17	50.11	32.88	7.26	7.91	9.0	3.162	91.9	2.5	0.6
1125	9/6/2015 08:15:52	16.78	49.98	32.78	7.47	7.92	9.8	3.155	93.7	2.4	0.6
1126	9/6/2015 08:30:52	17.01	49.93	32.75	7.50	7.93	12.3	3.139	94.5	3.4	0.8
1127	9/6/2015 08:45:53	17.02	50.09	32.86	7.27	7.91	9.7	3.104	91.7	2.5	0.6
1128	9/6/2015 09:00:52	17.00	50.00	32.80	7.46	7.92	11.2	3.050	94.1	2.9	0.7
1129	9/6/2015 09:15:52	17.13	50.01	32.80	7.63	7.93	10.4	3.000	96.5	2.8	0.7
1130	9/6/2015 09:30:52	17.12	49.96	32.77	7.67	7.93	9.6	2.943	96.9	2.2	0.5
1131	9/6/2015 09:45:53	17.18	49.94	32.75	7.80	7.94	9.1	2.877	98.7	2.2	0.5
1132	9/6/2015 10:00:52	17.40	49.98	32.79	7.67	7.94	8.9	2.814	97.5	3.4	0.8
1133	9/6/2015 10:15:52	17.46	50.03	32.82	7.61	7.93	8.9	2.765	96.8	3.0	0.7
1134	9/6/2015 10:30:52	17.52	50.03	32.82	7.53	7.92	9.4	2.703	96.0	2.7	0.6
1135	9/6/2015 10:45:52	17.61	50.03	32.83	7.74	7.93	7.6	2.660	98.8	2.3	0.5
1136	9/6/2015 11:00:52	17.62	50.04	32.83	7.64	7.92	10.3	2.606	97.5	3.2	0.8
1137	9/6/2015 11:15:52	17.67	50.06	32.85	7.57	7.92	8.1	2.564	96.8	2.2	0.5
1138	9/6/2015 11:30:52	17.69	50.09	32.87	7.45	7.91	7.3	2.520	95.2	2.8	0.7
1139	9/6/2015 11:45:53	17.68	50.09	32.87	7.29	7.90	6.5	2.476	93.2	2.5	0.6
1140	9/6/2015 12:00:52	17.72	50.12	32.89	7.24	7.89	7.0	2.443	92.6	2.5	0.6
1141	9/6/2015 12:15:52	17.75	50.12	32.89	7.26	7.89	6.2	2.407	93.0	3.0	0.7
1142	9/6/2015 12:30:53	17.80	50.12	32.89	7.28	7.89	6.3	2.389	93.3	2.7	0.6
1143	9/6/2015 12:45:53	17.83	50.11	32.88	7.27	7.89	5.7	2.372	93.2	2.6	0.6
1144	9/6/2015 13:00:52	17.81	50.10	32.88	7.32	7.90	7.6	2.385	93.8	2.3	0.5
1145	9/6/2015 13:15:52	17.87	50.19	32.95	7.29	7.91	8.9	2.381	93.6	2.3	0.5
1146	9/6/2015 13:30:52	17.83	50.11	32.88	7.43	7.91	9.6	2.397	95.2	2.5	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1147	9/6/2015 13:45:52	17.81	50.09	32.87	7.52	7.92	10.9	2.441	96.4	2.5	0.6
1148	9/6/2015 14:00:52	17.81	50.05	32.84	7.62	7.92	10.6	2.477	97.7	3.4	0.8
1149	9/6/2015 14:15:52	17.80	50.05	32.84	7.63	7.92	10.0	2.524	97.7	2.9	0.7
1150	9/6/2015 14:30:52	17.78	50.06	32.85	7.65	7.93	8.9	2.570	97.9	3.4	0.8
1151	9/6/2015 14:45:53	17.68	50.01	32.81	7.63	7.92	10.0	2.629	97.5	2.4	0.6
1152	9/6/2015 15:00:53	17.62	50.04	32.83	7.57	7.92	10.0	2.691	96.6	2.5	0.6
1153	9/6/2015 15:15:52	17.60	49.96	32.77	7.63	7.93	10.2	2.746	97.4	2.3	0.5
1154	9/6/2015 15:30:53	17.56	49.98	32.79	7.71	7.93	8.5	2.806	98.3	3.3	0.8
1155	9/6/2015 15:45:52	17.42	49.98	32.79	7.69	7.93	9.5	2.878	97.8	2.7	0.6
1156	9/6/2015 16:00:53	17.17	49.93	32.75	7.75	7.93	10.4	2.940	98.0	1.9	0.4
1157	9/6/2015 16:15:52	16.94	49.90	32.72	7.80	7.94	9.8	2.998	98.2	2.1	0.5
1158	9/6/2015 16:30:53	16.84	49.87	32.70	7.84	7.94	8.8	3.073	98.5	2.7	0.6
1159	9/6/2015 16:45:53	16.75	49.86	32.69	7.87	7.94	8.3	3.132	98.7	2.9	0.7
1160	9/6/2015 17:00:53	16.62	49.81	32.65	7.90	7.95	8.9	3.201	98.8	2.3	0.5
1161	9/6/2015 17:15:53	16.42	49.81	32.65	7.96	7.95	10.4	3.271	99.2	2.6	0.6
1162	9/6/2015 17:30:53	16.18	49.78	32.63	8.02	7.96	9.6	3.335	99.5	3.1	0.7
1163	9/6/2015 17:45:53	16.05	49.78	32.62	8.11	7.96	7.8	3.403	100.3	3.3	0.8
1164	9/6/2015 18:00:52	15.97	49.74	32.59	8.18	7.97	9.6	3.457	101.0	2.1	0.5
1165	9/6/2015 18:15:52	15.69	49.74	32.58	8.41	7.98	8.2	3.512	103.3	2.9	0.7
1166	9/6/2015 18:30:52	15.50	49.71	32.56	8.52	7.99	7.0	3.557	104.2	2.7	0.6
1167	9/6/2015 18:45:52	15.41	49.72	32.57	8.53	7.99	6.0	3.597	104.1	3.4	0.8
1168	9/6/2015 19:00:53	15.30	49.70	32.55	8.55	7.99	4.9	3.615	104.1	4.1	1.0
1169	9/6/2015 19:15:53	15.53	49.78	32.61	8.35	7.98	4.9	3.623	102.2	3.5	0.8
1170	9/6/2015 19:30:53	15.32	49.73	32.57	8.33	7.98	4.0	3.631	101.5	2.0	0.5
1171	9/6/2015 19:45:53	15.34	49.69	32.55	8.34	7.98	4.0	3.606	101.7	2.7	0.6
1172	9/6/2015 20:00:52	15.44	49.64	32.51	8.35	7.99	7.4	3.566	102.0	2.5	0.6
1173	9/6/2015 20:15:52	15.81	49.72	32.58	8.21	7.98	8.7	3.514	101.0	3.4	0.8
1174	9/6/2015 20:30:52	15.91	49.74	32.59	8.06	7.97	11.2	3.453	99.5	2.8	0.7
1175	9/6/2015 20:45:52	15.86	49.73	32.58	8.05	7.97	12.9	3.381	99.2	2.9	0.7
1176	9/6/2015 21:00:52	15.95	49.76	32.60	8.06	7.96	16.8	3.288	99.5	3.5	0.8
1177	9/6/2015 21:15:53	16.41	49.78	32.63	7.96	7.96	16.0	3.218	99.1	3.2	0.8
1178	9/6/2015 21:30:52	16.81	49.84	32.68	7.87	7.96	19.0	3.134	98.8	2.6	0.6
1179	9/6/2015 21:45:52	17.16	49.88	32.71	7.87	7.96	20.1	3.041	99.5	3.5	0.8
1180	9/6/2015 22:00:52	17.39	49.89	32.72	7.85	7.95	18.5	2.960	99.7	4.2	1.0
1181	9/6/2015 22:15:52	17.09	49.90	32.73	7.86	7.94	22.3	2.858	99.3	4.6	1.1
1182	9/6/2015 22:30:52	16.86	49.85	32.69	7.85	7.94	21.6	2.778	98.7	3.9	0.9
1183	9/6/2015 22:45:53	17.00	49.87	32.71	7.82	7.94	22.3	2.682	98.6	3.9	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1184	9/6/2015 23:00:53	17.16	49.88	32.71	7.79	7.93	28.7	2.577	98.5	4.6	1.1
1185	9/6/2015 23:15:52	17.27	49.94	32.75	7.75	7.93	30.8	2.485	98.3	4.6	1.1
1186	9/6/2015 23:30:53	17.44	49.95	32.77	7.66	7.92	38.0	2.378	97.4	4.7	1.1
1187	9/6/2015 23:45:53	17.18	49.94	32.76	7.70	7.91	24.7	2.272	97.4	3.6	0.9
1188	9/7/2015 00:00:53	17.32	49.98	32.78	7.66	7.91	24.2	2.170	97.2	3.9	0.9
1189	9/7/2015 00:15:53	17.29	50.02	32.81	7.63	7.91	21.2	2.060	96.8	3.4	0.8
1190	9/7/2015 00:30:52	17.41	50.06	32.85	7.56	7.91	23.7	1.973	96.1	3.6	0.8
1191	9/7/2015 00:45:52	17.58	50.08	32.86	7.52	7.91	19.0	1.875	96.0	3.9	0.9
1192	9/7/2015 01:00:52	17.52	50.09	32.87	7.48	7.90	16.8	1.789	95.3	3.6	0.9
1193	9/7/2015 01:15:52	17.66	50.10	32.87	7.42	7.90	16.6	1.720	94.8	3.9	0.9
1194	9/7/2015 01:30:52	17.72	50.08	32.86	7.37	7.89	15.1	1.663	94.2	3.4	0.8
1195	9/7/2015 01:45:52	17.92	50.13	32.90	7.37	7.90	15.7	1.630	94.7	3.6	0.9
1196	9/7/2015 02:00:52	18.02	50.15	32.91	7.32	7.89	13.6	1.587	94.2	3.5	0.8
1197	9/7/2015 02:15:52	18.12	50.17	32.93	7.49	7.89	13.6	1.604	96.5	4.4	1.0
1198	9/7/2015 02:30:52	17.99	50.15	32.92	7.51	7.90	13.1	1.632	96.6	4.0	1.0
1199	9/7/2015 02:45:52	18.13	50.18	32.94	7.48	7.91	13.2	1.651	96.5	3.7	0.9
1200	9/7/2015 03:00:52	18.25	50.21	32.96	7.54	7.92	15.3	1.706	97.4	3.9	0.9
1201	9/7/2015 03:15:52	18.33	50.24	32.98	7.61	7.93	15.7	1.761	98.5	3.8	0.9
1202	9/7/2015 03:30:52	18.32	50.23	32.97	7.61	7.92	15.9	1.842	98.5	3.5	0.8
1203	9/7/2015 03:45:52	18.27	50.22	32.97	7.61	7.92	15.3	1.901	98.4	4.1	1.0
1204	9/7/2015 04:00:52	18.21	50.19	32.94	7.59	7.91	15.0	1.960	98.1	4.0	0.9
1205	9/7/2015 04:15:52	18.19	50.23	32.98	7.55	7.91	14.3	2.041	97.5	3.2	0.8
1206	9/7/2015 04:30:52	18.13	50.24	32.98	7.54	7.92	11.7	2.106	97.3	3.5	0.8
1207	9/7/2015 04:45:52	17.93	50.12	32.89	7.50	7.90	11.7	2.174	96.3	3.3	0.8
1208	9/7/2015 05:00:52	17.80	50.07	32.86	7.50	7.90	11.9	2.229	96.1	3.5	0.8
1209	9/7/2015 05:15:52	17.88	50.06	32.85	7.48	7.90	10.7	2.306	95.9	2.5	0.6
1210	9/7/2015 05:30:52	18.05	50.18	32.94	7.51	7.92	10.9	2.387	96.8	3.4	0.8
1211	9/7/2015 05:45:52	18.06	50.17	32.93	7.49	7.91	11.7	2.454	96.5	3.0	0.7
1212	9/7/2015 06:00:52	17.95	50.15	32.91	7.47	7.91	12.8	2.526	96.0	3.3	0.8
1213	9/7/2015 06:15:52	17.61	50.02	32.82	7.57	7.91	11.5	2.596	96.6	3.7	0.9
1214	9/7/2015 06:30:52	17.40	49.95	32.77	7.61	7.92	12.4	2.672	96.6	3.8	0.9
1215	9/7/2015 06:45:52	17.30	49.94	32.76	7.57	7.92	11.5	2.741	96.1	3.3	0.8
1216	9/7/2015 07:00:52	17.16	49.89	32.72	7.54	7.92	12.5	2.807	95.4	3.1	0.7
1217	9/7/2015 07:15:52	17.08	49.83	32.67	7.53	7.92	13.6	2.874	95.1	3.7	0.9
1218	9/7/2015 07:30:52	16.97	49.83	32.67	7.57	7.92	11.9	2.941	95.3	2.4	0.6
1219	9/7/2015 07:45:53	16.80	49.79	32.64	7.56	7.92	16.9	2.993	94.9	3.4	0.8
1220	9/7/2015 08:00:53	16.58	49.78	32.63	7.63	7.92	12.8	3.052	95.4	2.3	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1221	9/7/2015 08:15:53	16.38	49.74	32.60	7.67	7.93	11.8	3.106	95.5	2.1	0.5
1222	9/7/2015 08:30:52	16.21	49.72	32.58	7.66	7.93	9.3	3.144	95.0	2.3	0.6
1223	9/7/2015 08:45:52	15.95	49.73	32.58	7.68	7.93	6.6	3.181	94.8	1.9	0.5
1224	9/7/2015 09:00:52	16.62	49.28	32.26	7.45	7.92	5.9	3.200	92.9	3.1	0.7
1225	9/7/2015 09:15:52	16.53	49.79	32.63	7.38	7.91	6.5	3.216	92.2	1.6	0.4
1226	9/7/2015 09:30:52	16.14	49.82	32.65	7.36	7.91	6.9	3.212	91.2	1.8	0.4
1227	9/7/2015 09:45:52	16.05	49.73	32.58	7.44	7.91	8.0	3.172	92.0	2.0	0.5
1228	9/7/2015 10:00:52	16.46	49.77	32.62	7.35	7.91	8.9	3.145	91.7	2.1	0.5
1229	9/7/2015 10:15:52	16.58	49.81	32.65	7.37	7.91	7.9	3.103	92.1	1.8	0.4
1230	9/7/2015 10:30:53	16.72	49.82	32.66	7.45	7.92	10.3	3.033	93.4	2.3	0.6
1231	9/7/2015 10:45:52	16.86	49.79	32.64	7.59	7.92	12.8	2.976	95.3	2.6	0.6
1232	9/7/2015 11:00:52	16.96	49.80	32.65	7.60	7.92	9.0	2.928	95.7	2.4	0.6
1233	9/7/2015 11:15:52	17.05	49.76	32.62	7.56	7.92	7.9	2.853	95.3	2.8	0.7
1234	9/7/2015 11:30:53	17.25	49.86	32.69	7.42	7.91	8.9	2.796	94.0	2.8	0.7
1235	9/7/2015 11:45:52	17.45	49.87	32.71	7.33	7.90	9.2	2.750	93.2	2.7	0.6
1236	9/7/2015 12:00:53	17.52	49.91	32.73	7.21	7.89	9.5	2.685	91.9	2.3	0.5
1237	9/7/2015 12:15:52	17.69	49.88	32.71	7.25	7.89	6.3	2.637	92.7	1.8	0.4
1238	9/7/2015 12:30:52	17.84	49.99	32.80	7.15	7.88	8.2	2.582	91.7	2.3	0.5
1239	9/7/2015 12:45:52	17.92	49.99	32.80	7.20	7.89	7.8	2.539	92.5	2.2	0.5
1240	9/7/2015 13:00:52	17.96	50.00	32.81	7.17	7.88	6.6	2.500	92.1	2.3	0.5
1241	9/7/2015 13:15:52	17.99	50.00	32.80	7.18	7.88	6.3	2.457	92.2	3.0	0.7
1242	9/7/2015 13:30:52	18.04	49.96	32.78	7.24	7.89	7.3	2.428	93.1	3.5	0.8
1243	9/7/2015 13:45:52	18.09	50.01	32.81	7.28	7.89	6.5	2.403	93.8	2.6	0.6
1244	9/7/2015 14:00:52	18.20	50.01	32.81	7.39	7.89	6.2	2.398	95.3	3.6	0.9
1245	9/7/2015 14:15:52	18.04	49.98	32.79	7.60	7.89	5.7	2.395	97.7	2.7	0.7
1246	9/7/2015 14:30:52	18.05	49.97	32.79	7.51	7.90	5.2	2.386	96.6	2.5	0.6
1247	9/7/2015 14:45:52	18.17	50.04	32.84	7.47	7.90	6.0	2.411	96.3	3.3	0.8
1248	9/7/2015 15:00:52	18.13	50.00	32.81	7.52	7.90	6.2	2.450	96.9	2.8	0.7
1249	9/7/2015 15:15:52	18.26	50.04	32.84	7.62	7.91	6.8	2.474	98.5	3.4	0.8
1250	9/7/2015 15:30:52	18.25	50.04	32.84	7.63	7.91	8.1	2.514	98.6	4.4	1.0
1251	9/7/2015 15:45:52	18.09	50.01	32.81	7.56	7.91	8.0	2.581	97.3	3.3	0.8
1252	9/7/2015 16:00:53	17.99	49.98	32.79	7.62	7.91	8.2	2.637	98.0	3.1	0.7
1253	9/7/2015 16:15:52	17.87	49.93	32.75	7.68	7.91	9.6	2.692	98.5	3.5	0.8
1254	9/7/2015 16:30:52	17.70	49.89	32.73	7.74	7.91	9.9	2.755	98.9	3.2	0.8
1255	9/7/2015 16:45:52	17.63	49.91	32.73	7.61	7.91	8.1	2.828	97.1	2.9	0.7
1256	9/7/2015 17:00:52	17.48	49.88	32.71	7.60	7.91	8.4	2.886	96.7	2.9	0.7
1257	9/7/2015 17:15:52	17.15	49.82	32.67	7.66	7.91	9.2	2.956	96.8	1.7	0.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1258	9/7/2015 17:30:53	16.81	49.81	32.65	7.71	7.92	8.1	3.023	96.8	2.2	0.5
1259	9/7/2015 17:45:53	16.67	49.77	32.63	7.74	7.92	8.3	3.095	96.8	2.2	0.5
1260	9/7/2015 18:00:52	16.61	49.77	32.62	7.73	7.92	8.5	3.162	96.6	3.2	0.8
1261	9/7/2015 18:15:52	16.23	49.74	32.60	7.87	7.93	8.9	3.223	97.6	2.8	0.7
1262	9/7/2015 18:30:52	15.83	49.74	32.59	8.03	7.94	9.5	3.298	98.9	2.4	0.6
1263	9/7/2015 18:45:52	15.68	49.69	32.55	8.12	7.95	9.3	3.362	99.6	1.9	0.5
1264	9/7/2015 19:00:52	15.52	49.69	32.55	8.19	7.96	9.5	3.419	100.2	2.7	0.6
1265	9/7/2015 19:15:52	15.33	49.68	32.54	8.33	7.96	8.8	3.479	101.5	2.3	0.6
1266	9/7/2015 19:30:52	15.13	49.61	32.48	8.44	7.97	7.1	3.533	102.4	2.0	0.5
1267	9/7/2015 19:45:52	14.98	49.64	32.50	8.46	7.97	6.1	3.570	102.3	2.2	0.5
1268	9/7/2015 20:00:52	14.89	49.66	32.51	8.45	7.97	5.1	3.601	102.1	3.2	0.8
1269	9/7/2015 20:15:52	14.80	49.66	32.51	8.43	7.97	3.8	3.624	101.6	2.6	0.6
1270	9/7/2015 20:30:52	15.21	49.70	32.55	8.24	7.96	5.0	3.624	100.2	2.4	0.6
1271	9/7/2015 20:45:52	14.85	49.70	32.54	8.21	7.96	4.3	3.621	99.1	1.5	0.4
1272	9/7/2015 21:00:52	14.86	49.66	32.51	8.21	7.96	5.8	3.580	99.2	2.7	0.6
1273	9/7/2015 21:15:52	15.10	49.65	32.51	8.13	7.96	6.5	3.548	98.6	2.3	0.5
1274	9/7/2015 21:30:52	15.67	49.71	32.57	7.83	7.95	7.6	3.491	96.0	2.1	0.5
1275	9/7/2015 21:45:52	15.91	49.77	32.61	7.79	7.95	10.9	3.411	96.1	3.0	0.7
1276	9/7/2015 22:00:52	16.03	49.76	32.61	8.03	7.96	7.4	3.332	99.2	2.2	0.5
1277	9/7/2015 22:15:52	16.31	49.85	32.68	8.01	7.96	6.7	3.253	99.6	2.8	0.7
1278	9/7/2015 22:30:52	16.77	49.84	32.68	7.87	7.96	7.7	3.165	98.7	3.0	0.7
1279	9/7/2015 22:45:53	16.91	49.87	32.70	7.78	7.94	7.2	3.079	97.9	2.1	0.5
1280	9/7/2015 23:00:53	17.01	49.88	32.71	7.79	7.95	8.2	2.979	98.3	2.6	0.6
1281	9/7/2015 23:15:52	17.42	49.82	32.67	7.70	7.94	7.0	2.896	97.8	3.0	0.7
1282	9/7/2015 23:30:52	17.61	49.95	32.77	7.65	7.93	8.7	2.801	97.6	3.6	0.9
1283	9/7/2015 23:45:52	17.77	49.99	32.80	7.72	7.94	9.8	2.698	98.8	2.9	0.7
1284	9/8/2015 00:00:52	17.90	49.97	32.78	7.80	7.94	9.9	2.605	100.0	3.1	0.7
1285	9/8/2015 00:15:52	17.81	50.02	32.82	7.67	7.93	10.1	2.507	98.2	3.3	0.8
1286	9/8/2015 00:30:52	17.65	49.95	32.77	7.66	7.92	9.8	2.395	97.8	3.6	0.9
1287	9/8/2015 00:45:53	17.44	49.99	32.79	7.63	7.92	12.3	2.282	97.1	3.0	0.7
1288	9/8/2015 01:00:52	17.54	49.97	32.78	7.73	7.93	11.2	2.191	98.5	2.8	0.7
1289	9/8/2015 01:15:52	17.64	50.03	32.83	7.77	7.93	11.0	2.076	99.2	3.1	0.7
1290	9/8/2015 01:30:52	17.66	50.02	32.82	7.71	7.93	10.4	1.975	98.5	3.4	0.8
1291	9/8/2015 01:45:52	17.79	50.01	32.81	7.63	7.92	8.4	1.881	97.8	3.2	0.8
1292	9/8/2015 02:00:52	17.71	50.10	32.88	7.59	7.91	7.9	1.784	97.1	3.3	0.8
1293	9/8/2015 02:15:52	18.01	50.11	32.89	7.57	7.92	9.5	1.717	97.4	3.1	0.7
1294	9/8/2015 02:30:52	17.99	50.11	32.88	7.50	7.91	7.7	1.644	96.5	2.9	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1295	9/8/2015 02:45:52	18.18	50.13	32.90	7.51	7.91	8.9	1.608	97.0	3.2	0.8
1296	9/8/2015 03:00:52	18.36	50.15	32.92	7.51	7.91	6.8	1.583	97.2	3.5	0.8
1297	9/8/2015 03:15:52	18.54	50.20	32.95	7.54	7.91	4.6	1.577	98.0	3.1	0.8
1298	9/8/2015 03:30:52	18.62	50.22	32.97	7.85	7.93	4.9	1.595	102.2	3.9	0.9
1299	9/8/2015 03:45:52	18.74	50.25	32.99	8.00	7.94	5.7	1.622	104.4	3.5	0.8
1300	9/8/2015 04:00:52	18.60	50.21	32.96	7.90	7.94	5.5	1.678	102.8	2.8	0.7
1301	9/8/2015 04:15:52	18.76	50.25	32.99	8.04	7.95	5.2	1.721	105.0	3.8	0.9
1302	9/8/2015 04:30:52	18.67	50.23	32.98	8.00	7.95	5.6	1.792	104.3	3.9	0.9
1303	9/8/2015 04:45:52	18.57	50.20	32.95	7.96	7.94	5.7	1.874	103.5	3.2	0.8
1304	9/8/2015 05:00:52	18.75	50.26	33.00	7.83	7.94	6.5	1.942	102.2	3.5	0.8
1305	9/8/2015 05:15:52	18.71	50.26	33.00	7.75	7.93	7.2	2.018	101.1	4.1	1.0
1306	9/8/2015 05:30:52	18.59	50.23	32.98	7.73	7.93	6.7	2.084	100.6	3.2	0.8
1307	9/8/2015 05:45:52	18.49	50.19	32.95	7.71	7.92	6.0	2.166	100.1	2.7	0.6
1308	9/8/2015 06:00:52	18.48	50.21	32.96	7.69	7.92	6.3	2.247	99.8	3.5	0.8
1309	9/8/2015 06:15:53	18.42	50.18	32.94	7.65	7.92	6.5	2.318	99.2	2.9	0.7
1310	9/8/2015 06:30:52	18.10	50.07	32.86	7.58	7.91	6.5	2.402	97.7	3.1	0.7
1311	9/8/2015 06:45:53	17.90	50.03	32.83	7.52	7.90	6.0	2.480	96.4	2.8	0.7
1312	9/8/2015 07:00:53	17.77	50.03	32.83	7.47	7.90	6.0	2.559	95.6	1.9	0.5
1313	9/8/2015 07:15:52	17.58	49.94	32.76	7.46	7.90	7.6	2.626	95.1	2.6	0.6
1314	9/8/2015 07:30:52	17.37	49.93	32.75	7.50	7.90	7.5	2.703	95.2	2.5	0.6
1315	9/8/2015 07:45:53	17.16	49.89	32.72	7.50	7.90	8.7	2.784	94.9	1.9	0.5
1316	9/8/2015 08:00:53	17.09	49.91	32.73	7.48	7.90	8.5	2.853	94.5	2.6	0.6
1317	9/8/2015 08:15:53	16.93	49.88	32.71	7.49	7.90	11.0	2.927	94.3	2.8	0.7
1318	9/8/2015 08:30:52	16.63	49.83	32.67	7.58	7.91	12.1	2.995	94.8	2.4	0.6
1319	9/8/2015 08:45:53	16.30	49.78	32.62	7.60	7.91	10.8	3.061	94.5	2.2	0.5
1320	9/8/2015 09:00:52	16.10	49.75	32.60	7.63	7.91	9.8	3.129	94.5	1.8	0.4
1321	9/8/2015 09:15:53	15.72	49.73	32.58	7.73	7.91	9.0	3.184	95.0	1.7	0.4
1322	9/8/2015 09:30:53	15.48	49.73	32.58	7.82	7.92	8.5	3.231	95.6	1.9	0.5
1323	9/8/2015 09:45:52	15.35	49.67	32.53	7.89	7.92	6.8	3.276	96.1	2.4	0.6
1324	9/8/2015 10:00:52	15.55	49.52	32.42	7.81	7.92	5.0	3.297	95.5	2.3	0.5
1325	9/8/2015 10:15:52	15.79	49.81	32.64	7.71	7.92	4.8	3.303	94.9	1.9	0.5
1326	9/8/2015 10:30:52	15.21	49.75	32.58	7.78	7.92	5.9	3.295	94.6	1.4	0.3
1327	9/8/2015 10:45:52	15.35	49.73	32.57	7.74	7.92	5.9	3.276	94.4	2.2	0.5
1328	9/8/2015 11:00:52	15.48	49.62	32.50	7.67	7.92	6.0	3.231	93.7	1.8	0.4
1329	9/8/2015 11:15:52	15.91	49.73	32.58	7.67	7.92	9.0	3.172	94.5	2.1	0.5
1330	9/8/2015 11:30:53	16.37	49.79	32.64	7.75	7.93	7.6	3.115	96.4	1.7	0.4
1331	9/8/2015 11:45:53	16.63	49.77	32.62	7.84	7.93	6.8	3.049	98.1	2.3	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1332	9/8/2015 12:00:52	16.84	49.76	32.62	7.84	7.93	6.7	2.981	98.5	2.3	0.5
1333	9/8/2015 12:15:52	17.16	49.79	32.65	7.83	7.93	7.9	2.907	98.9	2.2	0.5
1334	9/8/2015 12:30:53	17.45	49.87	32.71	7.79	7.93	6.4	2.842	99.0	3.0	0.7
1335	9/8/2015 12:45:53	17.65	49.88	32.72	7.77	7.93	5.7	2.777	99.2	2.0	0.5
1336	9/8/2015 13:00:52	17.78	49.92	32.74	7.72	7.92	6.3	2.713	98.8	2.4	0.6
1337	9/8/2015 13:15:52	18.00	49.90	32.74	7.80	7.92	5.4	2.657	100.2	1.3	0.3
1338	9/8/2015 13:30:53	18.18	49.94	32.76	7.81	7.92	5.5	2.603	100.7	2.7	0.6
1339	9/8/2015 13:45:52	18.29	49.97	32.79	7.89	7.92	4.8	2.544	102.0	2.5	0.6
1340	9/8/2015 14:00:52	18.41	49.98	32.79	7.97	7.93	4.5	2.495	103.3	3.3	0.8
1341	9/8/2015 14:15:52	18.51	49.97	32.78	7.99	7.92	4.5	2.447	103.7	2.4	0.6
1342	9/8/2015 14:30:52	18.59	49.98	32.80	7.99	7.92	4.7	2.406	103.9	2.8	0.7
1343	9/8/2015 14:45:53	18.69	50.00	32.81	8.05	7.93	4.3	2.378	104.9	2.5	0.6
1344	9/8/2015 15:00:52	18.72	50.04	32.84	8.16	7.93	3.9	2.364	106.4	2.6	0.6
1345	9/8/2015 15:15:52	18.79	50.02	32.82	7.79	7.91	3.4	2.341	101.7	2.7	0.6
1346	9/8/2015 15:30:52	18.69	49.98	32.79	8.37	7.94	4.0	2.341	109.0	2.1	0.5
1347	9/8/2015 15:45:52	18.72	50.03	32.83	8.33	7.94	4.0	2.369	108.6	3.4	0.8
1348	9/8/2015 16:00:52	18.60	49.98	32.79	8.31	7.94	4.4	2.393	108.0	2.7	0.7
1349	9/8/2015 16:15:52	18.74	49.99	32.80	8.33	7.95	4.7	2.424	108.6	3.8	0.9
1350	9/8/2015 16:30:52	18.73	49.96	32.78	8.36	7.95	4.5	2.466	109.0	3.9	0.9
1351	9/8/2015 16:45:52	18.58	49.98	32.79	8.24	7.94	5.2	2.539	107.1	3.7	0.9
1352	9/8/2015 17:00:52	18.60	49.97	32.78	8.26	7.94	6.4	2.594	107.4	3.2	0.8
1353	9/8/2015 17:15:52	18.36	49.94	32.76	8.26	7.93	6.8	2.654	106.9	3.2	0.8
1354	9/8/2015 17:30:53	18.16	49.90	32.74	8.23	7.93	6.0	2.726	106.1	2.8	0.7
1355	9/8/2015 17:45:53	17.96	49.88	32.71	8.04	7.92	5.9	2.802	103.2	3.8	0.9
1356	9/8/2015 18:00:52	17.57	49.83	32.68	8.00	7.92	7.1	2.865	102.0	3.2	0.8
1357	9/8/2015 18:15:52	17.10	49.79	32.65	7.96	7.91	6.3	2.927	100.4	2.5	0.6
1358	9/8/2015 18:30:53	16.96	49.76	32.62	7.94	7.92	6.3	3.010	100.0	3.3	0.8
1359	9/8/2015 18:45:53	16.89	49.75	32.61	7.93	7.92	8.3	3.085	99.7	2.5	0.6
1360	9/8/2015 19:00:53	16.70	49.71	32.58	7.98	7.92	7.6	3.161	100.0	3.1	0.7
1361	9/8/2015 19:15:52	16.27	49.69	32.56	8.08	7.93	7.6	3.226	100.4	2.5	0.6
1362	9/8/2015 19:30:52	15.80	49.67	32.54	8.14	7.93	8.4	3.310	100.1	2.4	0.6
1363	9/8/2015 19:45:52	15.38	49.67	32.53	8.24	7.94	8.3	3.387	100.5	3.0	0.7
1364	9/8/2015 20:00:52	15.14	49.61	32.48	8.36	7.95	9.9	3.443	101.4	2.5	0.6
1365	9/8/2015 20:15:52	14.96	49.66	32.51	8.38	7.95	9.0	3.514	101.3	2.7	0.6
1366	9/8/2015 20:30:52	14.73	49.65	32.50	8.46	7.95	7.2	3.578	101.8	2.9	0.7
1367	9/8/2015 20:45:52	14.51	49.65	32.50	8.49	7.96	5.9	3.623	101.8	2.8	0.7
1368	9/8/2015 21:00:52	14.32	49.65	32.49	8.54	7.96	4.5	3.657	101.9	2.7	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1369	9/8/2015 21:15:52	14.25	49.65	32.49	8.51	7.96	2.8	3.688	101.4	3.0	0.7
1370	9/8/2015 21:30:52	14.25	49.64	32.48	8.18	7.93	2.9	3.699	97.5	3.9	0.9
1371	9/8/2015 21:45:52	14.43	49.70	32.53	8.28	7.95	5.1	3.696	99.1	1.9	0.5
1372	9/8/2015 22:00:52	14.25	49.60	32.45	8.29	7.95	4.3	3.661	98.8	1.7	0.4
1373	9/8/2015 22:15:52	14.47	49.66	32.50	8.23	7.95	6.0	3.624	98.6	2.3	0.5
1374	9/8/2015 22:30:52	14.95	49.67	32.52	8.13	7.95	6.9	3.558	98.3	2.8	0.7
1375	9/8/2015 22:45:52	15.77	49.74	32.59	8.00	7.95	8.6	3.476	98.4	3.5	0.8
1376	9/8/2015 23:00:52	15.30	49.83	32.64	8.22	7.96	6.4	3.388	100.1	2.2	0.5
1377	9/8/2015 23:15:52	16.26	49.72	32.58	8.06	7.96	6.0	3.295	100.1	2.8	0.7
1378	9/8/2015 23:30:53	16.43	49.81	32.65	8.03	7.95	6.4	3.214	100.1	2.9	0.7
1379	9/8/2015 23:45:53	16.54	49.76	32.62	8.07	7.96	6.3	3.108	100.8	2.8	0.7
1380	9/9/2015 00:00:53	16.67	49.78	32.64	8.05	7.95	6.3	3.015	100.7	3.0	0.7
1381	9/9/2015 00:15:53	16.88	49.85	32.69	7.95	7.95	6.7	2.916	100.0	2.4	0.6
1382	9/9/2015 00:30:53	17.33	49.86	32.70	7.80	7.94	6.8	2.832	99.0	3.1	0.7
1383	9/9/2015 00:45:52	17.67	49.88	32.71	7.79	7.93	8.4	2.728	99.5	2.8	0.7
1384	9/9/2015 01:00:52	17.83	49.95	32.76	7.88	7.94	7.7	2.631	101.0	4.0	0.9
1385	9/9/2015 01:15:52	17.53	49.83	32.68	7.68	7.92	7.0	2.518	97.8	3.6	0.8
1386	9/9/2015 01:30:52	17.35	49.89	32.72	7.82	7.92	7.1	2.416	99.3	7.1	1.7
1387	9/9/2015 01:45:52	17.51	49.94	32.76	7.96	7.94	9.1	2.292	101.4	3.1	0.7
1388	9/9/2015 02:00:52	17.56	49.93	32.75	8.02	7.94	9.7	2.193	102.3	3.5	0.8
1389	9/9/2015 02:15:52	17.74	49.99	32.80	8.09	7.95	10.3	2.084	103.5	2.6	0.6
1390	9/9/2015 02:30:52	17.97	49.97	32.78	8.05	7.95	8.6	1.981	103.4	3.5	0.8
1391	9/9/2015 02:45:52	17.90	50.04	32.83	8.01	7.94	7.6	1.883	102.8	3.0	0.7
1392	9/9/2015 03:00:52	17.99	50.03	32.83	7.91	7.93	6.9	1.788	101.6	3.2	0.8
1393	9/9/2015 03:15:52	18.18	50.07	32.86	7.88	7.93	6.5	1.722	101.6	3.2	0.8
1394	9/9/2015 03:30:52	18.42	50.07	32.86	7.95	7.94	6.4	1.657	103.0	3.0	0.7
1395	9/9/2015 03:45:52	18.48	50.11	32.89	7.84	7.92	5.0	1.616	101.8	3.4	0.8
1396	9/9/2015 04:00:52	18.69	50.12	32.90	7.91	7.93	4.6	1.580	103.1	2.7	0.6
1397	9/9/2015 04:15:52	18.73	50.12	32.90	7.90	7.92	4.5	1.592	103.0	2.7	0.7
1398	9/9/2015 04:30:52	19.04	50.15	32.92	8.44	7.97	4.5	1.636	110.8	2.5	0.6
1399	9/9/2015 04:45:52	18.87	50.14	32.91	8.33	7.96	4.5	1.656	108.9	3.2	0.8
1400	9/9/2015 05:00:52	19.04	50.17	32.93	8.57	7.98	4.4	1.707	112.5	2.6	0.6
1401	9/9/2015 05:15:52	18.99	50.12	32.90	8.55	7.98	4.8	1.801	112.1	3.5	0.8
1402	9/9/2015 05:30:52	18.87	50.13	32.90	8.47	7.97	5.1	1.869	110.7	2.4	0.6
1403	9/9/2015 05:45:52	18.91	50.11	32.89	8.31	7.96	5.6	1.936	108.7	3.3	0.8
1404	9/9/2015 06:00:52	19.07	50.15	32.92	8.06	7.94	7.1	2.026	105.8	2.6	0.6
1405	9/9/2015 06:15:52	18.88	50.12	32.90	8.04	7.94	6.5	2.114	105.2	2.8	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1406	9/9/2015 06:30:52	18.77	50.11	32.89	8.04	7.93	6.0	2.187	104.9	3.2	0.8
1407	9/9/2015 06:45:52	18.74	50.13	32.91	8.03	7.93	6.0	2.264	104.7	2.8	0.7
1408	9/9/2015 07:00:53	18.46	50.06	32.85	7.98	7.92	5.8	2.348	103.5	2.9	0.7
1409	9/9/2015 07:15:52	18.30	50.03	32.83	7.88	7.92	6.3	2.431	101.9	2.1	0.5
1410	9/9/2015 07:30:52	18.06	49.97	32.78	7.73	7.90	5.9	2.522	99.5	2.9	0.7
1411	9/9/2015 07:45:52	17.88	49.92	32.74	7.65	7.90	7.0	2.591	98.0	1.9	0.4
1412	9/9/2015 08:00:52	17.66	49.91	32.74	7.64	7.89	7.2	2.672	97.5	2.8	0.7
1413	9/9/2015 08:15:52	17.38	49.86	32.70	7.63	7.89	8.0	2.764	96.8	1.9	0.5
1414	9/9/2015 08:30:53	17.21	49.85	32.69	7.64	7.90	8.1	2.837	96.7	2.5	0.6
1415	9/9/2015 08:45:53	17.07	49.82	32.67	7.64	7.90	9.6	2.918	96.4	2.6	0.6
1416	9/9/2015 09:00:52	16.82	49.75	32.61	7.67	7.90	11.2	2.991	96.2	2.8	0.7
1417	9/9/2015 09:15:53	16.43	49.74	32.60	7.71	7.90	10.0	3.080	96.1	2.4	0.6
1418	9/9/2015 09:30:53	16.17	49.74	32.59	7.74	7.90	10.4	3.148	95.9	2.5	0.6
1419	9/9/2015 09:45:53	15.75	49.71	32.56	7.81	7.90	10.3	3.218	96.0	2.0	0.5
1420	9/9/2015 10:00:53	15.37	49.67	32.53	7.90	7.91	10.2	3.288	96.4	2.5	0.6
1421	9/9/2015 10:15:52	14.95	49.67	32.52	8.06	7.92	10.9	3.350	97.5	2.6	0.6
1422	9/9/2015 10:30:52	14.83	49.65	32.50	8.09	7.93	8.1	3.395	97.6	1.7	0.4
1423	9/9/2015 10:45:53	14.82	49.74	32.57	8.08	7.93	6.3	3.413	97.5	1.4	0.3
1424	9/9/2015 11:00:52	15.35	49.60	32.48	7.87	7.92	5.4	3.438	95.9	2.3	0.5
1425	9/9/2015 11:15:52	14.87	49.72	32.56	7.91	7.92	4.8	3.433	95.5	1.8	0.4
1426	9/9/2015 11:30:53	14.90	49.69	32.53	7.90	7.93	6.0	3.395	95.5	2.3	0.5
1427	9/9/2015 11:45:53	14.84	49.67	32.52	7.93	7.93	8.0	3.359	95.7	1.9	0.4
1428	9/9/2015 12:00:52	15.21	49.65	32.51	7.89	7.93	6.5	3.295	95.9	2.1	0.5
1429	9/9/2015 12:15:52	16.18	49.70	32.57	7.97	7.94	9.0	3.220	98.8	2.5	0.6
1430	9/9/2015 12:30:53	16.21	49.69	32.56	8.16	7.95	6.2	3.148	101.2	2.5	0.6
1431	9/9/2015 12:45:53	16.65	49.75	32.61	8.07	7.95	7.6	3.053	101.0	2.3	0.6
1432	9/9/2015 13:00:53	17.17	49.78	32.64	7.92	7.94	7.0	2.989	100.1	2.7	0.6
1433	9/9/2015 13:15:52	17.47	49.84	32.68	7.93	7.94	5.9	2.904	100.8	2.3	0.5
1434	9/9/2015 13:30:52	17.67	49.80	32.66	7.92	7.94	6.4	2.827	101.1	2.5	0.6
1435	9/9/2015 13:45:52	17.89	49.84	32.69	7.89	7.93	6.0	2.762	101.2	2.8	0.7
1436	9/9/2015 14:00:52	18.12	49.88	32.72	7.94	7.93	6.2	2.698	102.2	3.2	0.8
1437	9/9/2015 14:15:52	18.31	49.85	32.70	8.00	7.93	5.4	2.632	103.4	3.2	0.8
1438	9/9/2015 14:30:52	18.48	49.88	32.72	8.15	7.95	5.1	2.559	105.6	3.2	0.8
1439	9/9/2015 14:45:52	18.58	49.92	32.75	8.19	7.94	4.6	2.510	106.4	2.9	0.7
1440	9/9/2015 15:00:52	18.71	49.95	32.77	8.30	7.95	4.6	2.455	108.2	1.5	0.4
1441	9/9/2015 15:15:52	18.74	49.90	32.74	8.24	7.94	3.9	2.404	107.4	2.5	0.6
1442	9/9/2015 15:30:52	18.81	49.93	32.76	8.25	7.94	3.9	2.357	107.7	1.8	0.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1443	9/9/2015 15:45:52	18.86	49.95	32.77	8.32	7.95	4.7	2.317	108.7	2.5	0.6
1444	9/9/2015 16:00:52	18.89	49.95	32.77	8.44	7.94	4.2	2.306	110.3	3.3	0.8
1445	9/9/2015 16:15:52	18.92	49.96	32.78	8.82	7.96	4.2	2.290	115.3	3.0	0.7
1446	9/9/2015 16:30:52	18.90	49.88	32.72	8.89	7.97	4.0	2.284	116.1	2.8	0.7
1447	9/9/2015 16:45:52	18.91	49.92	32.75	8.68	7.96	3.9	2.318	113.4	2.6	0.6
1448	9/9/2015 17:00:52	18.96	49.94	32.76	8.61	7.97	4.6	2.351	112.7	3.0	0.7
1449	9/9/2015 17:15:52	19.02	49.93	32.76	8.66	7.97	4.5	2.394	113.4	4.0	0.9
1450	9/9/2015 17:30:52	18.94	49.96	32.78	8.59	7.96	5.1	2.452	112.4	3.8	0.9
1451	9/9/2015 17:45:52	19.12	50.00	32.81	8.49	7.96	7.0	2.519	111.5	3.7	0.9
1452	9/9/2015 18:00:52	18.79	49.95	32.77	8.50	7.95	7.1	2.593	110.9	3.2	0.8
1453	9/9/2015 18:15:52	18.45	49.87	32.71	8.44	7.95	7.0	2.664	109.4	3.9	0.9
1454	9/9/2015 18:30:52	18.31	49.88	32.72	8.28	7.94	5.7	2.734	107.0	3.4	0.8
1455	9/9/2015 18:45:52	17.85	49.82	32.68	8.16	7.92	6.8	2.811	104.6	3.0	0.7
1456	9/9/2015 19:00:52	17.22	49.78	32.64	7.98	7.91	6.8	2.885	101.0	2.2	0.5
1457	9/9/2015 19:15:53	17.07	49.77	32.63	7.93	7.91	6.7	2.954	100.0	3.8	0.9
1458	9/9/2015 19:30:52	16.90	49.76	32.62	7.90	7.92	6.7	3.036	99.3	3.2	0.8
1459	9/9/2015 19:45:53	16.81	49.76	32.62	7.92	7.92	7.8	3.113	99.4	2.8	0.7
1460	9/9/2015 20:00:53	16.38	49.72	32.58	8.00	7.92	7.7	3.192	99.6	3.4	0.8
1461	9/9/2015 20:15:53	15.98	49.70	32.56	8.07	7.93	9.3	3.280	99.6	2.8	0.7
1462	9/9/2015 20:30:53	15.67	49.67	32.54	8.09	7.93	8.9	3.356	99.3	2.6	0.6
1463	9/9/2015 20:45:53	15.39	49.64	32.51	8.22	7.94	10.3	3.437	100.3	4.0	0.9
1464	9/9/2015 21:00:52	14.75	49.60	32.47	8.37	7.95	9.9	3.504	100.8	3.3	0.8
1465	9/9/2015 21:15:52	14.47	49.61	32.47	8.41	7.95	10.6	3.575	100.7	3.1	0.7
1466	9/9/2015 21:30:52	14.28	49.61	32.46	8.43	7.95	10.6	3.625	100.5	3.5	0.8
1467	9/9/2015 21:45:52	14.22	49.53	32.40	8.42	7.96	24.5	3.680	100.3	2.5	0.6
1468	9/9/2015 22:00:52	14.12	49.57	32.42	8.40	7.96	4.0	3.714	99.8	2.7	0.6
1469	9/9/2015 22:15:52	13.99	49.61	32.45	8.27	7.95	3.8	3.726	98.0	2.9	0.7
1470	9/9/2015 22:30:52	14.24	49.73	32.54	8.23	7.95	4.4	3.734	98.1	2.3	0.5
1471	9/9/2015 22:45:52	14.02	49.62	32.46	8.34	7.96	3.8	3.714	98.9	2.6	0.6
1472	9/9/2015 23:00:52	14.21	49.56	32.42	8.23	7.96	5.4	3.677	98.0	2.5	0.6
1473	9/9/2015 23:15:52	14.35	49.59	32.44	8.20	7.96	6.5	3.621	97.9	2.5	0.6
1474	9/9/2015 23:30:52	15.32	49.73	32.57	7.96	7.96	8.7	3.546	97.1	2.4	0.6
1475	9/9/2015 23:45:52	15.48	49.62	32.50	8.01	7.95	6.0	3.461	97.8	3.4	0.8
1476	9/10/2015 00:00:52	15.61	49.59	32.48	8.07	7.95	5.3	3.378	98.8	3.4	0.8
1477	9/10/2015 00:15:52	16.12	49.76	32.61	7.93	7.95	5.4	3.279	98.2	3.1	0.7
1478	9/10/2015 00:30:52	16.42	49.77	32.62	7.91	7.95	6.0	3.179	98.6	3.0	0.7
1479	9/10/2015 00:45:52	16.50	49.75	32.61	7.96	7.95	5.4	3.080	99.3	3.9	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1480	9/10/2015 01:00:53	16.67	49.79	32.64	7.93	7.94	6.0	2.981	99.3	3.1	0.7
1481	9/10/2015 01:15:52	17.03	49.79	32.64	7.84	7.94	6.2	2.878	98.8	2.8	0.7
1482	9/10/2015 01:30:52	17.46	49.83	32.67	7.71	7.94	6.0	2.772	98.0	2.6	0.6
1483	9/10/2015 01:45:52	17.79	49.88	32.72	7.73	7.93	8.5	2.666	99.0	2.7	0.7
1484	9/10/2015 02:00:53	17.81	49.87	32.71	7.71	7.93	7.8	2.562	98.7	3.3	0.8
1485	9/10/2015 02:15:52	17.17	49.86	32.70	7.58	7.91	7.2	2.442	95.8	3.4	0.8
1486	9/10/2015 02:30:52	17.58	49.90	32.73	7.82	7.93	7.7	2.335	99.7	4.0	1.0
1487	9/10/2015 02:45:52	17.68	49.90	32.73	7.88	7.94	8.4	2.228	100.6	3.7	0.9
1488	9/10/2015 03:00:52	17.80	49.84	32.69	7.86	7.94	8.2	2.117	100.6	3.6	0.9
1489	9/10/2015 03:15:52	17.91	49.86	32.70	7.86	7.94	7.7	2.013	100.9	3.2	0.8
1490	9/10/2015 03:30:52	18.01	49.90	32.73	7.84	7.94	22.9	1.909	100.8	2.6	0.6
1491	9/10/2015 03:45:53	18.16	49.89	32.73	7.76	7.93	6.6	1.819	100.0	3.0	0.7
1492	9/10/2015 04:00:52	18.13	49.94	32.76	7.70	7.92	6.2	1.729	99.3	3.1	0.7
1493	9/10/2015 04:15:52	18.31	49.94	32.76	7.69	7.92	5.8	1.671	99.4	3.3	0.8
1494	9/10/2015 04:30:52	18.66	49.96	32.78	7.84	7.93	6.0	1.634	102.0	2.7	0.6
1495	9/10/2015 04:45:52	18.79	50.03	32.83	7.82	7.93	5.5	1.597	102.0	3.5	0.8
1496	9/10/2015 05:00:52	18.88	50.02	32.82	7.76	7.92	4.3	1.609	101.4	2.9	0.7
1497	9/10/2015 05:15:52	19.17	50.01	32.82	8.31	7.96	4.5	1.633	109.2	3.2	0.8
1498	9/10/2015 05:30:52	19.01	50.05	32.85	8.27	7.96	4.2	1.669	108.4	2.5	0.6
1499	9/10/2015 05:45:52	19.14	50.01	32.82	8.44	7.98	5.3	1.729	110.8	2.9	0.7
1500	9/10/2015 06:00:52	19.06	50.04	32.84	8.40	7.97	4.5	1.808	110.1	3.0	0.7
1501	9/10/2015 06:15:52	18.97	49.96	32.78	8.33	7.97	5.0	1.891	109.1	3.2	0.8
1502	9/10/2015 06:30:52	18.95	50.01	32.82	8.20	7.96	5.6	1.972	107.4	3.3	0.8
1503	9/10/2015 06:45:52	19.10	50.09	32.88	7.90	7.94	7.3	2.060	103.7	2.8	0.7
1504	9/10/2015 07:00:52	18.85	50.05	32.84	7.87	7.93	7.0	2.148	102.9	2.6	0.6
1505	9/10/2015 07:15:52	18.75	49.99	32.80	7.87	7.93	5.8	2.225	102.6	2.6	0.6
1506	9/10/2015 07:30:53	18.74	50.02	32.82	7.86	7.93	6.6	2.310	102.5	2.8	0.7
1507	9/10/2015 07:45:52	18.36	49.94	32.76	7.80	7.92	6.3	2.399	101.0	2.0	0.5
1508	9/10/2015 08:00:52	18.12	49.90	32.73	7.68	7.90	5.6	2.485	99.0	2.5	0.6
1509	9/10/2015 08:15:53	17.96	49.88	32.72	7.59	7.90	6.1	2.569	97.5	3.0	0.7
Mean		17.87	50.12	32.89	7.86	7.96	8.52	2.72	100.79	3.10	0.74
Minimum		13.99	48.58	31.76	6.62	7.87	2.00	1.24	86.40	1.10	0.30
Maximum		21.10	51.08	33.60	8.98	8.11	45.30	4.05	119.50	42.20	10.10

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

sonde #4

Indian Island Long-Term Deployment Water Quality Data

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

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	Fluorescence %FS
0	9/10/2015 09:01:10	17.34	50.02	32.81	6.88	7.82	8.1	2.884	87.3	2.0	0.5
1	9/10/2015 09:16:10	17.21	49.93	32.74	6.85	7.83	8.5	2.966	86.7	2.3	0.5
2	9/10/2015 09:31:10	17.01	49.97	32.78	6.85	7.83	9.5	3.048	86.3	1.9	0.4
3	9/10/2015 09:46:10	16.44	49.83	32.67	6.92	7.83	10.7	3.137	86.2	2.3	0.5
4	9/10/2015 10:01:10	16.18	49.87	32.69	6.99	7.84	9.1	3.220	86.7	2.0	0.5
5	9/10/2015 10:16:10	15.66	49.74	32.59	7.06	7.84	11.2	3.296	86.6	2.3	0.5
6	9/10/2015 10:31:10	15.17	49.83	32.64	7.17	7.85	9.5	3.369	87.1	2.6	0.6
7	9/10/2015 10:46:10	14.94	49.81	32.62	7.23	7.86	9.0	3.434	87.5	1.9	0.4
8	9/10/2015 11:01:10	14.68	49.73	32.56	7.31	7.87	7.8	3.487	87.9	2.3	0.5
9	9/10/2015 11:16:10	14.61	49.67	32.51	7.34	7.87	6.2	3.523	88.2	2.2	0.5
10	9/10/2015 11:31:10	14.46	49.63	32.48	7.30	7.88	5.0	3.549	87.3	2.0	0.5
11	9/10/2015 11:46:10	14.65	49.75	32.57	7.21	7.87	4.5	3.565	86.7	2.0	0.5
12	9/10/2015 12:01:10	14.53	49.78	32.59	7.23	7.87	5.0	3.541	86.7	2.3	0.5
13	9/10/2015 12:16:10	14.60	49.73	32.55	7.21	7.87	6.2	3.496	86.6	1.6	0.4
14	9/10/2015 12:31:10	14.71	49.76	32.58	7.18	7.87	7.1	3.447	86.4	1.6	0.4
15	9/10/2015 12:46:10	15.75	49.90	32.70	7.27	7.88	6.2	3.390	89.4	2.1	0.5
16	9/10/2015 13:01:10	16.12	49.71	32.57	7.54	7.90	6.0	3.300	93.3	1.8	0.4
17	9/10/2015 13:16:10	16.15	49.81	32.64	7.51	7.90	5.4	3.218	93.1	2.1	0.5
18	9/10/2015 13:31:10	16.99	49.87	32.70	7.39	7.90	6.8	3.140	93.1	1.9	0.4
19	9/10/2015 13:46:10	17.38	49.89	32.72	7.43	7.91	6.0	3.055	94.3	2.0	0.5
20	9/10/2015 14:01:10	17.72	49.82	32.67	7.44	7.91	5.9	2.966	95.1	2.3	0.5
21	9/10/2015 14:16:10	17.97	50.01	32.81	7.45	7.92	6.2	2.880	95.7	2.4	0.6
22	9/10/2015 14:31:10	18.33	49.87	32.71	7.54	7.93	6.3	2.813	97.5	2.5	0.6
23	9/10/2015 14:46:10	18.44	49.90	32.74	7.54	7.93	6.5	2.740	97.7	1.8	0.4
24	9/10/2015 15:01:10	18.63	49.97	32.79	7.64	7.93	5.6	2.660	99.4	2.2	0.5
25	9/10/2015 15:16:10	18.78	50.05	32.85	7.78	7.94	5.4	2.581	101.5	2.0	0.5
26	9/10/2015 15:31:10	19.12	50.05	32.85	7.94	7.96	5.5	2.530	104.3	2.1	0.5
27	9/10/2015 15:46:10	19.10	49.88	32.72	7.91	7.95	5.1	2.456	103.8	1.8	0.4
28	9/10/2015 16:01:10	19.20	50.09	32.87	8.03	7.96	5.0	2.395	105.6	1.9	0.4
29	9/10/2015 16:16:11	19.18	49.96	32.78	8.07	7.96	4.8	2.357	106.0	2.1	0.5
30	9/10/2015 16:31:10	19.24	49.90	32.73	8.13	7.97	4.4	2.305	106.9	2.7	0.6
31	9/10/2015 16:46:10	19.26	49.96	32.78	8.11	7.97	3.8	2.287	106.8	2.2	0.5
32	9/10/2015 17:01:10	19.30	49.83	32.68	8.33	7.98	4.0	2.271	109.7	2.8	0.7
33	9/10/2015 17:16:10	19.13	49.97	32.79	8.49	7.98	4.5	2.275	111.4	2.4	0.6
34	9/10/2015 17:31:10	19.30	49.93	32.76	8.33	7.98	4.2	2.295	109.7	2.4	0.6
35	9/10/2015 17:46:10	19.35	49.79	32.65	8.28	7.97	4.2	2.340	109.1	2.9	0.7
36	9/10/2015 18:01:10	19.41	50.07	32.86	8.21	7.97	4.6	2.388	108.4	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	Fluorescence %FS
37	9/10/2015 18:16:10	19.45	49.88	32.72	8.22	7.97	4.5	2.444	108.5	3.6	0.8
38	9/10/2015 18:31:10	19.72	50.07	32.86	7.98	7.95	7.2	2.525	106.0	3.6	0.8
39	9/10/2015 18:46:10	19.46	50.02	32.82	7.93	7.95	7.5	2.597	104.8	3.6	0.8
40	9/10/2015 19:01:11	19.04	49.96	32.78	7.89	7.94	6.7	2.669	103.4	3.8	0.9
41	9/10/2015 19:16:11	18.91	49.90	32.74	7.83	7.93	5.7	2.744	102.4	3.2	0.7
42	9/10/2015 19:31:10	18.42	49.75	32.62	7.57	7.91	5.4	2.818	98.1	3.4	0.8
43	9/10/2015 19:46:10	17.71	49.75	32.62	7.31	7.88	6.0	2.905	93.4	3.0	0.7
44	9/10/2015 20:01:11	17.52	49.87	32.71	7.25	7.88	5.7	2.974	92.3	3.0	0.7
45	9/10/2015 20:16:11	17.33	49.85	32.69	7.20	7.87	6.4	3.054	91.3	2.5	0.6
46	9/10/2015 20:31:11	17.21	49.77	32.63	7.21	7.88	6.5	3.141	91.3	2.7	0.6
47	9/10/2015 20:46:11	16.78	49.80	32.65	7.26	7.88	7.6	3.223	91.1	2.8	0.7
48	9/10/2015 21:01:11	16.43	49.79	32.64	7.28	7.87	7.6	3.302	90.7	2.9	0.7
49	9/10/2015 21:16:10	16.12	49.65	32.53	7.33	7.88	9.5	3.394	90.7	3.1	0.7
50	9/10/2015 21:31:10	15.47	49.76	32.60	7.45	7.88	7.6	3.478	91.1	3.0	0.7
51	9/10/2015 21:46:11	15.04	49.71	32.55	7.45	7.88	7.4	3.538	90.3	3.4	0.8
52	9/10/2015 22:01:11	14.67	49.71	32.54	7.45	7.88	7.8	3.614	89.5	2.9	0.7
53	9/10/2015 22:16:10	14.46	49.64	32.48	7.44	7.88	7.3	3.670	89.1	3.2	0.8
54	9/10/2015 22:31:10	14.18	49.57	32.43	7.47	7.88	5.7	3.725	88.8	3.2	0.7
55	9/10/2015 22:46:10	14.11	49.72	32.53	7.43	7.88	5.7	3.756	88.3	2.8	0.7
56	9/10/2015 23:01:11	13.99	49.72	32.53	7.41	7.88	3.5	3.780	87.9	3.2	0.8
57	9/10/2015 23:16:11	14.38	49.73	32.55	7.35	7.88	5.0	3.789	87.9	3.2	0.7
58	9/10/2015 23:31:11	13.97	49.76	32.56	7.32	7.87	4.0	3.774	86.8	2.8	0.7
59	9/10/2015 23:46:11	14.01	49.72	32.53	7.33	7.87	4.3	3.730	87.0	2.2	0.5
60	9/11/2015 00:01:10	14.32	49.70	32.53	7.27	7.87	5.1	3.676	86.8	2.4	0.6
61	9/11/2015 00:16:10	15.16	49.69	32.54	7.13	7.87	6.0	3.615	86.5	2.7	0.6
62	9/11/2015 00:31:10	15.28	49.79	32.62	7.12	7.87	6.1	3.514	86.7	2.7	0.6
63	9/11/2015 00:46:10	15.62	49.84	32.66	7.24	7.89	6.8	3.415	88.8	3.1	0.7
64	9/11/2015 01:01:10	16.40	49.73	32.59	7.20	7.89	6.2	3.330	89.6	2.4	0.6
65	9/11/2015 01:16:10	16.61	49.87	32.70	7.24	7.90	6.8	3.224	90.6	2.8	0.7
66	9/11/2015 01:31:10	16.70	49.77	32.62	7.23	7.90	6.7	3.126	90.5	3.3	0.8
67	9/11/2015 01:46:10	16.89	49.91	32.73	7.19	7.89	6.0	3.018	90.4	2.7	0.6
68	9/11/2015 02:01:10	17.39	49.82	32.67	7.09	7.89	7.3	2.912	90.1	2.7	0.6
69	9/11/2015 02:16:10	17.76	49.84	32.68	7.01	7.89	6.9	2.811	89.6	2.6	0.6
70	9/11/2015 02:31:10	18.08	49.99	32.80	7.10	7.90	7.7	2.689	91.4	2.3	0.5
71	9/11/2015 02:46:10	18.10	50.03	32.82	7.10	7.90	8.1	2.591	91.5	2.3	0.5
72	9/11/2015 03:01:11	17.97	50.06	32.85	7.08	7.89	8.4	2.477	91.0	2.5	0.6
73	9/11/2015 03:16:11	17.98	50.02	32.82	7.16	7.90	8.2	2.358	92.0	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	Fluorescence %FS
74	9/11/2015 03:31:11	18.08	49.97	32.78	7.19	7.90	8.1	2.257	92.6	2.4	0.6
75	9/11/2015 03:46:10	18.01	50.04	32.84	7.14	7.90	7.8	2.149	91.8	2.4	0.6
76	9/11/2015 04:01:10	18.20	50.09	32.87	7.22	7.91	8.0	2.045	93.2	2.6	0.6
77	9/11/2015 04:16:10	18.35	49.97	32.79	7.14	7.90	7.4	1.939	92.3	2.5	0.6
78	9/11/2015 04:31:11	18.51	50.17	32.93	7.06	7.90	6.5	1.857	91.7	2.7	0.6
79	9/11/2015 04:46:11	18.57	50.09	32.88	7.03	7.89	9.5	1.777	91.4	2.7	0.6
80	9/11/2015 05:01:11	18.76	50.14	32.91	7.05	7.90	7.4	1.710	92.1	2.1	0.5
81	9/11/2015 05:16:11	19.01	50.11	32.89	7.13	7.91	5.9	1.676	93.4	2.3	0.5
82	9/11/2015 05:31:10	19.30	50.15	32.92	7.26	7.93	4.7	1.657	95.8	2.0	0.5
83	9/11/2015 05:46:11	19.46	50.13	32.90	7.52	7.94	5.1	1.688	99.4	2.4	0.6
84	9/11/2015 06:01:11	19.38	50.07	32.86	7.52	7.95	4.4	1.702	99.3	2.3	0.5
85	9/11/2015 06:16:10	19.31	50.01	32.82	7.49	7.94	4.3	1.748	98.7	2.4	0.6
86	9/11/2015 06:31:11	19.39	50.25	32.99	7.63	7.95	4.4	1.844	100.8	2.0	0.5
87	9/11/2015 06:46:11	19.30	50.28	33.02	7.58	7.95	5.1	1.904	99.9	2.5	0.6
88	9/11/2015 07:01:10	19.21	50.18	32.94	7.53	7.94	5.3	2.002	99.1	2.2	0.5
89	9/11/2015 07:16:10	19.33	50.25	32.99	7.26	7.92	6.8	2.091	95.8	2.1	0.5
90	9/11/2015 07:31:11	19.30	50.19	32.95	7.13	7.91	7.8	2.187	94.0	2.1	0.5
91	9/11/2015 07:46:10	19.08	50.19	32.95	7.16	7.91	6.6	2.274	94.0	2.3	0.5
92	9/11/2015 08:01:11	19.05	50.19	32.95	7.14	7.90	6.1	2.350	93.7	2.3	0.5
93	9/11/2015 08:16:11	18.81	50.18	32.94	7.08	7.89	6.2	2.451	92.5	1.9	0.4
94	9/11/2015 08:31:10	18.47	50.08	32.86	6.99	7.88	6.1	2.543	90.6	2.0	0.5
95	9/11/2015 08:46:10	18.26	49.93	32.75	6.91	7.87	6.0	2.628	89.2	2.2	0.5
96	9/11/2015 09:01:10	18.00	50.06	32.85	6.90	7.86	6.7	2.716	88.7	1.9	0.4
97	9/11/2015 09:16:11	17.72	49.99	32.80	6.90	7.86	7.4	2.807	88.2	1.8	0.4
98	9/11/2015 09:31:11	17.47	49.92	32.75	6.93	7.86	7.8	2.898	88.2	2.2	0.5
99	9/11/2015 09:46:11	17.35	50.02	32.82	6.92	7.86	9.0	2.983	87.9	2.1	0.5
100	9/11/2015 10:01:11	17.04	49.88	32.71	6.94	7.86	9.8	3.066	87.5	1.9	0.5
101	9/11/2015 10:16:11	16.61	50.00	32.80	6.96	7.85	10.9	3.158	87.1	2.5	0.6
102	9/11/2015 10:31:11	16.18	49.87	32.69	6.99	7.85	10.6	3.244	86.7	2.4	0.6
103	9/11/2015 10:46:11	15.57	49.90	32.70	7.05	7.85	11.7	3.328	86.4	2.0	0.5
104	9/11/2015 11:01:11	15.22	49.85	32.66	7.10	7.85	11.1	3.404	86.4	1.9	0.5
105	9/11/2015 11:16:11	14.98	49.82	32.63	7.16	7.86	10.2	3.475	86.7	2.4	0.6
106	9/11/2015 11:31:10	14.72	49.70	32.54	7.19	7.87	8.3	3.533	86.6	2.8	0.7
107	9/11/2015 11:46:11	14.50	49.82	32.62	7.23	7.87	7.1	3.573	86.7	2.1	0.5
108	9/11/2015 12:01:11	14.43	49.89	32.67	7.22	7.87	4.6	3.598	86.4	2.1	0.5
109	9/11/2015 12:16:10	14.81	49.72	32.55	7.17	7.87	4.3	3.615	86.5	2.3	0.5
110	9/11/2015 12:31:11	14.39	49.86	32.65	7.12	7.87	5.6	3.600	85.3	3.0	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
111	9/11/2015 12:46:11	14.52	49.91	32.68	7.09	7.87	5.4	3.563	85.1	2.1	0.5
112	9/11/2015 13:01:11	14.68	49.85	32.65	7.10	7.87	6.0	3.507	85.4	2.0	0.5
113	9/11/2015 13:16:11	15.09	49.83	32.64	7.10	7.87	8.0	3.433	86.1	2.5	0.6
114	9/11/2015 13:31:11	15.70	49.86	32.68	7.34	7.89	7.3	3.354	90.1	1.9	0.5
115	9/11/2015 13:46:11	15.97	49.87	32.69	7.56	7.90	6.2	3.259	93.4	2.5	0.6
116	9/11/2015 14:01:11	16.66	49.96	32.76	7.38	7.90	6.9	3.176	92.5	2.0	0.5
117	9/11/2015 14:16:11	17.34	50.12	32.89	7.39	7.90	6.4	3.084	93.8	2.2	0.5
118	9/11/2015 14:31:11	17.64	49.97	32.78	7.44	7.91	7.8	2.984	95.0	1.7	0.4
119	9/11/2015 14:46:11	18.02	50.10	32.88	7.49	7.92	6.2	2.907	96.3	2.1	0.5
120	9/11/2015 15:01:11	18.28	50.10	32.88	7.58	7.92	7.3	2.815	98.0	2.0	0.5
121	9/11/2015 15:16:10	18.49	50.02	32.82	7.63	7.93	5.9	2.728	99.0	1.7	0.4
122	9/11/2015 15:31:11	18.60	50.10	32.89	7.73	7.93	6.1	2.643	100.6	1.8	0.4
123	9/11/2015 15:46:11	18.81	50.18	32.94	7.87	7.94	6.1	2.561	102.8	2.1	0.5
124	9/11/2015 16:01:10	18.87	50.13	32.91	8.12	7.96	6.0	2.491	106.2	2.9	0.7
125	9/11/2015 16:16:11	18.88	50.14	32.91	8.10	7.96	5.9	2.414	105.9	2.3	0.5
126	9/11/2015 16:31:10	18.92	50.08	32.86	8.19	7.97	6.0	2.338	107.2	2.2	0.5
127	9/11/2015 16:46:10	18.96	50.07	32.86	8.31	7.98	5.3	2.281	108.8	2.2	0.5
128	9/11/2015 17:01:11	19.14	50.15	32.92	8.33	7.98	5.1	2.238	109.5	2.7	0.6
129	9/11/2015 17:16:11	19.13	50.15	32.92	8.46	7.99	5.0	2.188	111.2	2.6	0.6
130	9/11/2015 17:31:10	19.40	50.19	32.95	8.63	8.01	4.9	2.160	114.0	2.8	0.7
131	9/11/2015 17:46:11	19.40	50.29	33.02	8.40	7.99	4.2	2.166	111.0	3.1	0.7
132	9/11/2015 18:01:10	19.54	50.24	32.98	8.48	7.99	4.6	2.174	112.3	3.1	0.7
133	9/11/2015 18:16:10	19.56	50.14	32.91	8.42	7.99	4.5	2.207	111.6	3.5	0.8
134	9/11/2015 18:31:11	19.58	50.30	33.03	8.31	7.98	4.4	2.253	110.2	2.5	0.6
135	9/11/2015 18:46:10	19.67	50.20	32.95	8.24	7.98	4.6	2.316	109.5	3.2	0.7
136	9/11/2015 19:01:10	19.48	50.18	32.94	8.16	7.97	5.2	2.400	108.0	2.9	0.7
137	9/11/2015 19:16:10	19.76	50.10	32.88	7.87	7.94	8.5	2.479	104.6	3.5	0.8
138	9/11/2015 19:31:10	19.31	50.24	32.99	7.84	7.93	6.8	2.552	103.4	3.4	0.8
139	9/11/2015 19:46:11	19.05	50.24	32.99	7.79	7.93	6.2	2.641	102.3	3.5	0.8
140	9/11/2015 20:01:11	18.88	50.11	32.89	7.72	7.92	6.8	2.717	101.0	3.0	0.7
141	9/11/2015 20:16:11	18.25	50.16	32.93	7.38	7.89	6.3	2.793	95.4	3.3	0.8
142	9/11/2015 20:31:11	17.97	50.09	32.87	7.23	7.88	5.9	2.890	93.0	2.5	0.6
143	9/11/2015 20:46:10	17.75	49.92	32.74	7.20	7.87	6.7	2.962	92.1	2.4	0.6
144	9/11/2015 21:01:11	17.50	50.02	32.82	7.16	7.87	6.7	3.045	91.2	3.0	0.7
145	9/11/2015 21:16:11	17.19	50.01	32.81	7.17	7.87	7.3	3.132	90.7	2.8	0.7
146	9/11/2015 21:31:11	16.69	49.95	32.76	7.19	7.86	7.5	3.214	90.2	2.4	0.6
147	9/11/2015 21:46:11	16.48	49.92	32.73	7.20	7.86	7.9	3.306	89.8	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	Fluorescence %FS
148	9/11/2015 22:01:11	15.99	49.97	32.76	7.26	7.87	9.1	3.384	89.7	3.0	0.7
149	9/11/2015 22:16:11	15.32	49.93	32.72	7.33	7.87	7.3	3.470	89.4	3.0	0.7
150	9/11/2015 22:31:11	14.96	49.84	32.65	7.33	7.87	7.9	3.553	88.8	3.6	0.8
151	9/11/2015 22:46:11	14.56	49.74	32.56	7.35	7.87	8.1	3.620	88.2	3.0	0.7
152	9/11/2015 23:01:11	14.27	49.93	32.69	7.37	7.87	6.8	3.676	88.0	4.2	1.0
153	9/11/2015 23:16:11	13.98	49.87	32.64	7.43	7.87	6.0	3.732	88.1	3.8	0.9
154	9/11/2015 23:31:11	13.84	49.85	32.62	7.44	7.87	5.3	3.773	88.0	3.8	0.9
155	9/11/2015 23:46:10	13.75	49.87	32.63	7.42	7.88	2.7	3.790	87.6	4.0	0.9
156	9/12/2015 00:01:11	14.09	49.89	32.66	7.34	7.87	5.2	3.798	87.3	4.5	1.1
157	9/12/2015 00:16:11	13.78	49.92	32.67	7.30	7.87	3.5	3.786	86.3	2.7	0.6
158	9/12/2015 00:31:11	13.91	49.93	32.68	7.31	7.87	6.8	3.734	86.6	3.1	0.7
159	9/12/2015 00:46:11	14.04	49.91	32.67	7.27	7.87	4.0	3.676	86.4	2.8	0.7
160	9/12/2015 01:01:10	15.50	49.89	32.69	7.06	7.87	8.3	3.596	86.4	3.1	0.7
161	9/12/2015 01:16:10	15.34	49.85	32.66	7.13	7.87	7.6	3.498	87.0	3.1	0.7
162	9/12/2015 01:31:11	15.71	49.97	32.76	7.19	7.88	5.6	3.406	88.4	2.3	0.5
163	9/12/2015 01:46:11	16.39	50.02	32.80	7.06	7.88	6.6	3.303	87.9	2.2	0.5
164	9/12/2015 02:01:11	16.47	50.01	32.80	7.06	7.87	8.1	3.195	88.2	2.5	0.6
165	9/12/2015 02:16:11	16.72	50.05	32.83	7.02	7.87	6.6	3.090	88.1	2.7	0.6
166	9/12/2015 02:31:11	16.96	50.08	32.85	6.94	7.87	6.7	2.978	87.4	2.6	0.6
167	9/12/2015 02:46:11	17.47	50.10	32.88	6.88	7.87	7.0	2.875	87.6	1.8	0.4
168	9/12/2015 03:01:11	17.86	50.17	32.93	6.83	7.87	7.3	2.768	87.7	2.3	0.5
169	9/12/2015 03:16:10	17.86	50.10	32.88	6.93	7.87	7.9	2.653	88.9	2.4	0.6
170	9/12/2015 03:31:11	17.80	50.15	32.92	6.92	7.87	8.1	2.539	88.6	2.3	0.5
171	9/12/2015 03:46:11	17.80	49.98	32.79	6.97	7.87	7.4	2.431	89.3	2.1	0.5
172	9/12/2015 04:01:11	17.89	50.09	32.87	6.92	7.87	7.3	2.317	88.8	2.2	0.5
173	9/12/2015 04:16:11	17.96	49.95	32.77	6.93	7.87	8.2	2.202	89.0	2.8	0.7
174	9/12/2015 04:31:11	17.94	50.21	32.96	6.87	7.87	7.6	2.101	88.3	2.1	0.5
175	9/12/2015 04:46:11	18.26	50.17	32.93	6.84	7.87	7.9	1.997	88.4	2.6	0.6
176	9/12/2015 05:01:11	18.25	50.16	32.93	6.84	7.87	6.8	1.896	88.4	2.1	0.5
177	9/12/2015 05:16:11	18.50	50.13	32.90	6.83	7.87	6.5	1.816	88.7	1.8	0.4
178	9/12/2015 05:31:11	18.61	50.22	32.97	6.81	7.87	6.0	1.765	88.7	2.4	0.6
179	9/12/2015 05:46:11	18.73	50.18	32.94	6.78	7.87	7.0	1.717	88.4	2.1	0.5
180	9/12/2015 06:01:11	19.01	50.19	32.95	6.85	7.88	6.1	1.693	89.8	2.3	0.5
181	9/12/2015 06:16:11	19.24	50.24	32.99	6.93	7.89	4.8	1.710	91.3	2.9	0.7
182	9/12/2015 06:31:11	19.20	49.99	32.80	7.11	7.90	4.9	1.743	93.4	2.2	0.5
183	9/12/2015 06:46:11	19.17	50.18	32.94	7.09	7.90	4.6	1.789	93.3	2.0	0.5
184	9/12/2015 07:01:11	19.24	50.17	32.94	7.16	7.91	4.8	1.856	94.3	1.4	0.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
185	9/12/2015 07:16:10	19.13	50.21	32.97	7.14	7.90	5.5	1.942	93.8	2.2	0.5
186	9/12/2015 07:31:11	19.03	50.28	33.01	7.09	7.90	5.6	2.035	93.1	1.5	0.4
187	9/12/2015 07:46:11	19.03	50.27	33.00	6.97	7.89	6.5	2.115	91.5	1.7	0.4
188	9/12/2015 08:01:11	18.93	50.20	32.95	6.91	7.88	6.8	2.212	90.4	2.2	0.5
189	9/12/2015 08:16:11	18.78	50.26	33.00	6.90	7.88	6.2	2.300	90.1	1.9	0.4
190	9/12/2015 08:31:10	18.80	50.13	32.91	6.86	7.87	6.3	2.394	89.6	1.7	0.4
191	9/12/2015 08:46:11	18.74	50.27	33.01	6.85	7.87	6.3	2.485	89.4	1.8	0.4
192	9/12/2015 09:01:11	18.37	50.14	32.91	6.84	7.86	6.2	2.571	88.6	1.4	0.3
193	9/12/2015 09:16:11	18.13	50.08	32.87	6.80	7.85	5.8	2.668	87.6	1.6	0.4
194	9/12/2015 09:31:11	17.92	50.21	32.96	6.80	7.85	6.9	2.749	87.4	1.3	0.3
195	9/12/2015 09:46:11	17.61	50.05	32.84	6.81	7.84	8.0	2.840	86.9	2.0	0.5
196	9/12/2015 10:01:11	17.37	49.93	32.75	6.84	7.85	8.2	2.929	86.9	1.8	0.4
197	9/12/2015 10:16:11	17.20	50.07	32.85	6.84	7.84	7.9	3.018	86.7	1.9	0.5
198	9/12/2015 10:31:11	16.77	49.94	32.75	6.85	7.84	9.9	3.110	86.0	2.2	0.5
199	9/12/2015 10:46:11	16.37	49.99	32.78	6.87	7.84	10.1	3.187	85.6	2.5	0.6
200	9/12/2015 11:01:11	15.89	49.98	32.77	6.90	7.84	10.2	3.286	85.2	2.3	0.5
201	9/12/2015 11:16:11	15.26	49.98	32.75	7.02	7.84	9.2	3.367	85.5	2.5	0.6
202	9/12/2015 11:31:11	14.99	49.96	32.73	7.05	7.85	10.0	3.440	85.4	2.7	0.6
203	9/12/2015 11:46:11	14.63	49.81	32.61	7.12	7.85	9.3	3.515	85.6	3.4	0.8
204	9/12/2015 12:01:11	14.27	49.81	32.61	7.19	7.86	8.9	3.563	85.8	2.7	0.6
205	9/12/2015 12:16:10	14.10	49.82	32.61	7.22	7.86	6.2	3.609	85.9	3.1	0.7
206	9/12/2015 12:31:11	13.94	49.87	32.64	7.18	7.86	4.6	3.632	85.2	3.2	0.8
207	9/12/2015 12:46:11	13.89	49.87	32.63	7.04	7.85	2.9	3.644	83.4	3.3	0.8
208	9/12/2015 13:01:11	13.99	49.92	32.68	7.09	7.86	4.9	3.623	84.2	3.5	0.8
209	9/12/2015 13:16:10	14.09	49.87	32.65	7.08	7.86	5.8	3.587	84.3	2.6	0.6
210	9/12/2015 13:31:11	14.21	49.92	32.68	7.10	7.86	5.6	3.524	84.6	2.5	0.6
211	9/12/2015 13:46:11	15.05	50.08	32.82	7.15	7.87	7.6	3.448	86.8	2.7	0.6
212	9/12/2015 14:01:11	15.54	49.96	32.75	7.52	7.90	6.7	3.363	92.1	2.9	0.7
213	9/12/2015 14:16:11	15.78	49.99	32.77	7.33	7.88	5.8	3.259	90.3	3.1	0.7
214	9/12/2015 14:31:11	16.66	50.05	32.83	7.23	7.88	7.4	3.168	90.5	2.3	0.5
215	9/12/2015 14:46:11	16.98	49.95	32.76	7.20	7.88	6.2	3.079	90.8	2.8	0.7
216	9/12/2015 15:01:11	17.30	50.15	32.91	7.22	7.89	6.4	2.981	91.7	2.5	0.6
217	9/12/2015 15:16:11	17.61	50.21	32.96	7.23	7.89	6.7	2.893	92.4	2.2	0.5
218	9/12/2015 15:31:11	18.01	50.06	32.85	7.28	7.89	6.3	2.791	93.7	2.4	0.6
219	9/12/2015 15:46:11	18.30	50.15	32.91	7.30	7.90	7.9	2.704	94.5	2.3	0.5
220	9/12/2015 16:01:11	18.32	50.25	32.99	7.38	7.90	7.0	2.618	95.5	2.3	0.5
221	9/12/2015 16:16:11	18.44	50.21	32.96	7.36	7.90	6.6	2.527	95.4	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	Fluorescence %FS
222	9/12/2015 16:31:11	18.34	50.12	32.89	7.54	7.91	6.6	2.440	97.7	2.7	0.6
223	9/12/2015 16:46:11	18.27	50.16	32.92	7.69	7.92	6.1	2.356	99.4	2.9	0.7
224	9/12/2015 17:01:11	18.44	50.16	32.92	7.59	7.92	5.6	2.286	98.5	2.3	0.5
225	9/12/2015 17:16:11	18.45	50.22	32.97	7.75	7.93	6.0	2.213	100.6	2.4	0.6
226	9/12/2015 17:31:11	18.56	50.21	32.96	7.81	7.93	5.2	2.161	101.5	2.4	0.6
227	9/12/2015 17:46:10	18.53	50.10	32.88	7.99	7.95	5.1	2.104	103.8	2.6	0.6
228	9/12/2015 18:01:11	18.73	50.26	33.00	7.88	7.94	5.0	2.086	102.9	2.0	0.5
229	9/12/2015 18:16:11	18.98	50.23	32.97	7.80	7.94	4.4	2.081	102.3	3.0	0.7
230	9/12/2015 18:31:10	19.09	50.29	33.02	7.68	7.92	4.8	2.074	100.9	3.0	0.7
231	9/12/2015 18:46:10	19.17	50.24	32.99	7.70	7.93	4.2	2.104	101.3	2.7	0.6
232	9/12/2015 19:01:11	19.04	50.38	33.09	7.62	7.92	4.2	2.158	100.1	2.5	0.6
233	9/12/2015 19:16:11	19.13	50.34	33.06	7.65	7.93	4.6	2.211	100.7	2.6	0.6
234	9/12/2015 19:31:11	18.99	50.25	32.99	7.60	7.92	4.5	2.281	99.7	2.5	0.6
235	9/12/2015 19:46:11	19.08	50.30	33.03	7.48	7.91	6.7	2.376	98.3	3.7	0.9
236	9/12/2015 20:01:11	18.99	50.27	33.01	7.44	7.90	7.3	2.443	97.6	3.0	0.7
237	9/12/2015 20:16:11	18.75	50.32	33.04	7.43	7.90	5.6	2.531	97.0	2.7	0.6
238	9/12/2015 20:31:11	18.68	50.13	32.90	7.40	7.89	6.2	2.621	96.4	2.9	0.7
239	9/12/2015 20:46:11	18.23	50.23	32.97	7.29	7.88	6.0	2.686	94.2	2.6	0.6
240	9/12/2015 21:01:11	17.95	50.18	32.93	7.14	7.87	5.9	2.775	91.7	2.5	0.6
241	9/12/2015 21:16:11	17.67	50.10	32.88	7.03	7.86	5.4	2.854	89.9	2.2	0.5
242	9/12/2015 21:31:11	17.47	50.15	32.91	6.99	7.85	5.6	2.934	89.1	2.8	0.7
243	9/12/2015 21:46:11	17.16	50.05	32.84	6.98	7.85	6.8	3.023	88.4	2.5	0.6
244	9/12/2015 22:01:11	16.78	49.99	32.78	7.01	7.85	6.5	3.098	88.0	2.3	0.5
245	9/12/2015 22:16:11	16.49	50.10	32.87	7.02	7.85	7.1	3.185	87.7	2.8	0.7
246	9/12/2015 22:31:11	16.15	50.06	32.83	7.06	7.85	7.1	3.274	87.6	2.9	0.7
247	9/12/2015 22:46:11	15.58	50.06	32.82	7.12	7.85	7.5	3.362	87.3	2.9	0.7
248	9/12/2015 23:01:11	15.08	49.98	32.75	7.16	7.85	7.3	3.437	86.9	2.6	0.6
249	9/12/2015 23:16:11	14.70	49.97	32.73	7.15	7.85	6.6	3.517	86.2	3.8	0.9
250	9/12/2015 23:31:11	14.26	50.01	32.75	7.13	7.85	7.1	3.589	85.2	3.5	0.8
251	9/12/2015 23:46:11	13.94	49.83	32.61	7.13	7.86	6.3	3.655	84.6	3.1	0.7
252	9/13/2015 00:01:10	13.69	50.07	32.78	7.16	7.86	4.5	3.691	84.5	4.1	1.0
253	9/13/2015 00:16:11	13.58	49.94	32.67	7.15	7.86	4.6	3.726	84.2	3.3	0.8
254	9/13/2015 00:31:11	13.49	49.96	32.69	7.13	7.86	4.3	3.762	83.8	3.9	0.9
255	9/13/2015 00:46:11	13.80	50.07	32.78	7.03	7.86	3.6	3.746	83.3	3.0	0.7
256	9/13/2015 01:01:11	13.56	50.02	32.73	6.98	7.85	3.1	3.716	82.2	3.2	0.7
257	9/13/2015 01:16:11	13.74	50.05	32.77	6.95	7.85	3.9	3.668	82.2	2.3	0.5
258	9/13/2015 01:31:11	13.97	50.10	32.81	6.95	7.86	4.5	3.619	82.6	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	Fluorescence %FS
259	9/13/2015 01:46:11	15.39	50.13	32.87	6.87	7.85	5.8	3.531	84.0	2.9	0.7
260	9/13/2015 02:01:11	14.93	50.19	32.90	6.91	7.85	5.5	3.425	83.8	3.5	0.8
261	9/13/2015 02:16:11	15.24	50.06	32.81	6.90	7.85	6.3	3.335	84.1	2.6	0.6
262	9/13/2015 02:31:11	15.94	50.05	32.82	6.87	7.86	6.2	3.227	84.8	2.6	0.6
263	9/13/2015 02:46:11	16.12	50.15	32.89	6.87	7.86	6.4	3.121	85.3	2.9	0.7
264	9/13/2015 03:01:11	16.33	50.14	32.89	6.80	7.85	6.3	3.022	84.7	2.5	0.6
265	9/13/2015 03:16:11	16.73	50.18	32.93	6.69	7.84	7.3	2.906	84.0	2.1	0.5
266	9/13/2015 03:31:11	17.24	50.28	33.01	6.56	7.84	7.0	2.804	83.2	2.0	0.5
267	9/13/2015 03:46:11	17.63	50.25	32.99	6.44	7.83	8.2	2.703	82.3	2.1	0.5
268	9/13/2015 04:01:11	17.34	50.21	32.95	6.54	7.83	7.4	2.589	83.1	2.2	0.5
269	9/13/2015 04:16:11	17.18	50.17	32.92	6.53	7.83	7.0	2.493	82.7	2.4	0.6
270	9/13/2015 04:31:11	17.22	50.18	32.93	6.65	7.84	7.7	2.376	84.3	2.5	0.6
271	9/13/2015 04:46:11	17.42	50.14	32.91	6.64	7.84	7.1	2.278	84.5	2.0	0.5
272	9/13/2015 05:01:11	17.41	50.28	33.01	6.60	7.84	7.1	2.170	84.0	2.3	0.5
273	9/13/2015 05:16:11	17.78	50.23	32.98	6.61	7.84	7.3	2.062	84.7	1.8	0.4
274	9/13/2015 05:31:11	17.75	50.21	32.96	6.58	7.84	6.9	1.973	84.3	2.0	0.5
275	9/13/2015 05:46:12	17.80	50.25	32.99	6.51	7.83	7.0	1.892	83.4	1.8	0.4
276	9/13/2015 06:01:11	17.86	50.22	32.97	6.48	7.83	6.4	1.827	83.1	2.0	0.5
277	9/13/2015 06:16:11	17.99	50.21	32.96	6.45	7.82	5.9	1.775	82.9	2.3	0.5
278	9/13/2015 06:31:11	18.19	50.26	33.00	6.43	7.83	5.4	1.748	83.1	1.8	0.4
279	9/13/2015 06:46:11	18.53	50.23	32.98	6.44	7.84	3.9	1.752	83.7	2.0	0.5
280	9/13/2015 07:01:11	18.65	50.36	33.07	6.58	7.85	4.6	1.770	85.8	1.9	0.4
281	9/13/2015 07:16:11	18.55	50.32	33.04	6.58	7.84	4.5	1.814	85.5	1.3	0.3
282	9/13/2015 07:31:11	18.61	50.37	33.08	6.60	7.85	4.6	1.873	86.0	1.4	0.3
283	9/13/2015 07:46:11	18.53	50.38	33.09	6.58	7.84	5.0	1.960	85.6	1.7	0.4
284	9/13/2015 08:01:11	18.41	50.29	33.02	6.59	7.84	5.2	2.042	85.4	1.3	0.3
285	9/13/2015 08:16:11	18.26	50.32	33.04	6.59	7.84	5.4	2.132	85.2	1.7	0.4
286	9/13/2015 08:31:10	18.18	50.21	32.96	6.56	7.83	5.6	2.237	84.7	2.0	0.5
287	9/13/2015 08:46:11	18.05	50.33	33.05	6.54	7.83	5.9	2.326	84.3	1.9	0.4
288	9/13/2015 09:01:11	18.10	50.29	33.02	6.50	7.83	6.4	2.415	83.9	1.9	0.5
289	9/13/2015 09:16:11	18.02	50.34	33.06	6.53	7.83	6.0	2.497	84.0	1.7	0.4
290	9/13/2015 09:31:11	17.74	50.18	32.94	6.57	7.83	6.0	2.598	84.2	1.4	0.3
291	9/13/2015 09:46:11	17.60	50.18	32.94	6.58	7.82	6.7	2.691	84.0	1.8	0.4
292	9/13/2015 10:01:11	17.31	50.21	32.96	6.60	7.82	7.8	2.772	83.8	2.3	0.5
293	9/13/2015 10:16:11	17.01	50.18	32.93	6.60	7.82	8.1	2.853	83.3	1.7	0.4
294	9/13/2015 10:31:11	16.77	50.18	32.92	6.63	7.82	8.1	2.949	83.3	2.3	0.5
295	9/13/2015 10:46:11	16.60	50.17	32.92	6.64	7.82	9.0	3.040	83.2	2.2	0.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
296	9/13/2015 11:01:11	16.14	50.05	32.82	6.68	7.82	10.2	3.124	82.9	2.2	0.5
297	9/13/2015 11:16:11	15.70	50.08	32.83	6.70	7.82	9.8	3.211	82.4	2.2	0.5
298	9/13/2015 11:31:11	15.27	50.05	32.81	6.72	7.82	9.3	3.304	82.0	2.2	0.5
299	9/13/2015 11:46:11	14.65	49.98	32.74	6.79	7.82	8.2	3.392	81.8	2.4	0.6
300	9/13/2015 12:01:11	14.40	50.08	32.81	6.81	7.83	8.3	3.461	81.6	3.0	0.7
301	9/13/2015 12:16:11	14.10	50.10	32.81	6.85	7.83	8.1	3.530	81.5	3.2	0.8
302	9/13/2015 12:31:11	13.73	49.99	32.72	6.90	7.84	6.9	3.586	81.5	2.5	0.6
303	9/13/2015 12:46:11	13.58	50.03	32.74	6.92	7.84	4.8	3.627	81.5	3.1	0.7
304	9/13/2015 13:01:11	13.49	50.04	32.75	6.90	7.84	4.3	3.655	81.1	2.4	0.6
305	9/13/2015 13:16:11	13.48	49.93	32.67	6.80	7.83	2.3	3.669	79.9	2.3	0.5
306	9/13/2015 13:31:11	13.72	50.08	32.78	6.74	7.83	3.9	3.664	79.7	3.0	0.7
307	9/13/2015 13:46:11	13.55	50.08	32.78	6.79	7.84	3.6	3.616	80.0	2.5	0.6
308	9/13/2015 14:01:11	13.72	50.12	32.81	6.77	7.84	5.1	3.556	80.0	1.8	0.4
309	9/13/2015 14:16:11	14.24	50.18	32.87	6.81	7.84	6.7	3.490	81.3	1.9	0.5
310	9/13/2015 14:31:11	14.64	50.08	32.81	7.20	7.87	6.7	3.396	86.7	2.3	0.5
311	9/13/2015 14:46:11	14.75	50.01	32.76	7.06	7.86	5.7	3.296	85.2	2.4	0.6
312	9/13/2015 15:01:11	15.97	50.16	32.90	6.94	7.86	5.9	3.208	85.8	2.1	0.5
313	9/13/2015 15:16:11	16.25	50.14	32.89	6.96	7.86	7.6	3.103	86.5	2.8	0.7
314	9/13/2015 15:31:11	16.51	50.16	32.91	6.94	7.86	6.5	3.003	86.7	2.1	0.5
315	9/13/2015 15:46:11	16.66	50.21	32.95	6.96	7.86	6.1	2.904	87.3	2.3	0.5
316	9/13/2015 16:01:11	17.09	50.22	32.96	6.93	7.86	5.7	2.805	87.6	2.9	0.7
317	9/13/2015 16:16:11	17.66	50.34	33.05	6.96	7.86	6.7	2.714	89.0	2.0	0.5
318	9/13/2015 16:31:11	17.59	50.27	33.00	6.91	7.86	6.5	2.623	88.2	2.2	0.5
319	9/13/2015 16:46:11	17.82	50.33	33.05	6.96	7.86	7.0	2.532	89.3	2.3	0.5
320	9/13/2015 17:01:11	17.74	50.27	33.00	7.14	7.87	5.9	2.439	91.4	2.4	0.6
321	9/13/2015 17:16:11	17.57	50.28	33.01	7.17	7.88	5.7	2.345	91.6	2.1	0.5
322	9/13/2015 17:31:11	17.69	50.24	32.98	7.22	7.88	5.6	2.270	92.4	2.2	0.5
323	9/13/2015 17:46:11	17.85	50.26	32.99	7.26	7.88	5.6	2.189	93.2	2.3	0.5
324	9/13/2015 18:01:11	17.93	50.32	33.04	7.35	7.89	5.7	2.116	94.5	1.8	0.4
325	9/13/2015 18:16:11	17.99	50.28	33.01	7.38	7.89	5.1	2.063	95.0	2.5	0.6
326	9/13/2015 18:31:11	18.17	50.36	33.07	7.27	7.89	4.8	2.003	93.9	2.5	0.6
327	9/13/2015 18:46:11	18.24	50.21	32.96	7.42	7.90	4.7	1.988	95.9	2.2	0.5
328	9/13/2015 19:01:11	17.99	50.31	33.04	7.67	7.91	4.8	1.986	98.7	2.5	0.6
329	9/13/2015 19:16:11	18.37	50.16	32.93	7.41	7.89	4.2	1.982	96.0	2.2	0.5
330	9/13/2015 19:31:11	18.42	50.34	33.06	7.34	7.89	4.3	2.037	95.2	2.4	0.6
331	9/13/2015 19:46:11	18.44	50.30	33.03	7.21	7.88	4.8	2.089	93.6	2.6	0.6
332	9/13/2015 20:01:10	18.47	50.36	33.07	7.16	7.87	5.2	2.158	93.0	2.8	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
333	9/13/2015 20:16:11	18.30	50.30	33.03	7.11	7.87	5.4	2.218	92.1	2.4	0.6
334	9/13/2015 20:31:11	18.46	50.32	33.04	7.01	7.85	7.3	2.320	91.0	2.8	0.7
335	9/13/2015 20:46:10	18.09	50.22	32.96	7.01	7.85	6.7	2.417	90.4	2.8	0.7
336	9/13/2015 21:01:11	18.04	50.30	33.03	6.99	7.85	5.7	2.484	90.1	2.5	0.6
337	9/13/2015 21:16:11	18.02	50.34	33.05	6.96	7.85	5.9	2.567	89.6	2.7	0.6
338	9/13/2015 21:31:11	17.51	50.22	32.96	6.84	7.84	6.2	2.661	87.2	3.0	0.7
339	9/13/2015 21:46:11	17.23	50.23	32.97	6.76	7.83	5.6	2.741	85.8	2.2	0.5
340	9/13/2015 22:01:11	17.06	50.25	32.98	6.72	7.82	5.8	2.818	85.0	2.6	0.6
341	9/13/2015 22:16:11	16.77	50.12	32.88	6.72	7.82	7.2	2.910	84.4	2.5	0.6
342	9/13/2015 22:31:11	16.36	50.12	32.87	6.75	7.82	6.9	2.993	84.1	2.9	0.7
343	9/13/2015 22:46:11	16.16	50.19	32.92	6.75	7.82	7.3	3.087	83.8	2.9	0.7
344	9/13/2015 23:01:11	15.82	50.08	32.84	6.80	7.83	7.7	3.175	83.8	2.8	0.7
345	9/13/2015 23:16:11	15.37	50.15	32.88	6.86	7.83	7.6	3.257	83.9	2.8	0.7
346	9/13/2015 23:31:11	14.93	50.12	32.85	6.92	7.83	7.6	3.347	83.8	3.1	0.7
347	9/13/2015 23:46:11	14.52	50.06	32.79	6.93	7.83	7.6	3.431	83.3	2.7	0.6
348	9/14/2015 00:01:11	14.02	50.14	32.83	6.97	7.83	7.0	3.506	82.9	2.8	0.7
349	9/14/2015 00:16:11	13.71	50.06	32.77	6.99	7.83	6.4	3.557	82.6	3.2	0.8
350	9/14/2015 00:31:11	13.64	50.05	32.76	6.97	7.83	5.8	3.620	82.2	2.7	0.6
351	9/14/2015 00:46:10	13.28	50.12	32.80	7.03	7.84	4.8	3.668	82.4	2.8	0.7
352	9/14/2015 01:01:10	13.16	50.10	32.78	7.01	7.84	3.7	3.686	81.9	3.1	0.7
353	9/14/2015 01:16:10	13.90	50.06	32.77	6.88	7.83	4.3	3.695	81.6	2.3	0.5
354	9/14/2015 01:31:10	13.31	50.12	32.80	6.87	7.83	3.4	3.680	80.5	2.6	0.6
355	9/14/2015 01:46:10	13.34	50.18	32.84	6.89	7.83	4.2	3.651	80.8	2.6	0.6
356	9/14/2015 02:01:11	13.56	50.26	32.91	6.85	7.83	4.8	3.578	80.8	2.0	0.5
357	9/14/2015 02:16:10	14.45	50.19	32.88	6.79	7.83	5.9	3.506	81.4	2.5	0.6
358	9/14/2015 02:31:10	14.74	50.14	32.86	6.79	7.83	6.8	3.413	82.0	2.6	0.6
359	9/14/2015 02:46:10	14.64	50.06	32.80	6.82	7.83	5.7	3.326	82.1	2.5	0.6
360	9/14/2015 03:01:10	15.36	50.21	32.92	6.74	7.83	6.4	3.224	82.3	2.3	0.5
361	9/14/2015 03:16:10	15.56	50.24	32.95	6.73	7.83	6.3	3.126	82.6	2.6	0.6
362	9/14/2015 03:31:10	15.70	50.25	32.96	6.70	7.83	6.0	3.030	82.5	2.5	0.6
363	9/14/2015 03:46:10	16.02	50.20	32.93	6.62	7.82	6.2	2.934	82.0	2.0	0.5
364	9/14/2015 04:01:10	16.34	50.32	33.02	6.54	7.82	6.2	2.830	81.6	2.6	0.6
365	9/14/2015 04:16:10	16.63	50.30	33.02	6.49	7.81	6.0	2.736	81.4	2.4	0.6
366	9/14/2015 04:31:10	16.88	50.32	33.03	6.41	7.81	6.2	2.627	80.8	2.0	0.5
367	9/14/2015 04:46:10	16.95	50.32	33.03	6.35	7.80	7.1	2.541	80.1	2.2	0.5
368	9/14/2015 05:01:10	16.80	50.30	33.01	6.54	7.82	7.2	2.444	82.2	2.4	0.6
369	9/14/2015 05:16:10	16.88	50.33	33.04	6.48	7.81	6.5	2.341	81.6	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	Fluorescence %FS
370	9/14/2015 05:31:10	16.70	50.29	33.01	6.50	7.81	6.5	2.245	81.6	2.3	0.6
371	9/14/2015 05:46:10	16.69	50.25	32.97	6.50	7.81	7.1	2.161	81.6	2.0	0.5
372	9/14/2015 06:01:10	16.88	50.33	33.04	6.46	7.80	7.0	2.078	81.4	2.1	0.5
373	9/14/2015 06:16:10	16.89	50.32	33.03	6.46	7.80	7.3	1.999	81.4	2.0	0.5
374	9/14/2015 06:31:10	17.06	50.33	33.04	6.44	7.80	6.9	1.931	81.4	2.0	0.5
375	9/14/2015 06:46:10	17.10	50.33	33.04	6.40	7.80	6.8	1.882	81.0	2.4	0.6
376	9/14/2015 07:01:10	17.36	50.34	33.05	6.38	7.80	6.5	1.851	81.1	1.6	0.4
377	9/14/2015 07:16:11	17.49	50.40	33.09	6.37	7.80	4.8	1.845	81.2	1.8	0.4
378	9/14/2015 07:31:10	17.59	50.33	33.05	6.37	7.80	5.6	1.867	81.4	1.6	0.4
379	9/14/2015 07:46:10	17.53	50.36	33.07	6.46	7.81	4.7	1.900	82.5	1.6	0.4
380	9/14/2015 08:01:11	17.56	50.41	33.10	6.46	7.81	4.9	1.962	82.4	2.0	0.5
381	9/14/2015 08:16:11	17.48	50.41	33.11	6.47	7.81	5.5	2.036	82.5	1.4	0.3
382	9/14/2015 08:31:11	17.38	50.30	33.02	6.49	7.81	5.9	2.118	82.5	1.7	0.4
383	9/14/2015 08:46:10	17.21	50.31	33.03	6.51	7.81	6.7	2.208	82.5	1.5	0.3
384	9/14/2015 09:01:10	17.05	50.30	33.02	6.52	7.80	6.3	2.294	82.4	1.4	0.3
385	9/14/2015 09:16:11	17.05	50.36	33.06	6.52	7.80	6.5	2.394	82.4	1.9	0.4
386	9/14/2015 09:31:11	17.08	50.32	33.03	6.49	7.80	6.2	2.477	82.1	1.9	0.4
387	9/14/2015 09:46:10	16.79	50.28	33.00	6.56	7.80	6.0	2.576	82.5	1.4	0.3
388	9/14/2015 10:01:11	16.68	50.30	33.01	6.57	7.80	6.0	2.659	82.4	1.8	0.4
389	9/14/2015 10:16:11	16.56	50.27	32.99	6.59	7.80	6.9	2.742	82.4	2.0	0.5
390	9/14/2015 10:31:11	16.33	50.23	32.96	6.61	7.80	7.1	2.832	82.4	1.7	0.4
391	9/14/2015 10:46:10	16.14	50.09	32.85	6.62	7.80	7.6	2.925	82.2	1.8	0.4
392	9/14/2015 11:01:10	15.98	50.14	32.88	6.63	7.80	8.9	3.010	82.0	2.0	0.5
393	9/14/2015 11:16:10	15.69	50.10	32.85	6.67	7.81	8.6	3.106	82.0	2.0	0.5
394	9/14/2015 11:31:10	15.17	50.13	32.86	6.80	7.81	9.8	3.202	82.7	2.2	0.5
395	9/14/2015 11:46:10	14.65	50.13	32.85	6.93	7.81	8.4	3.290	83.5	2.0	0.5
396	9/14/2015 12:01:11	14.15	50.11	32.82	7.06	7.82	8.5	3.385	84.2	2.2	0.5
397	9/14/2015 12:16:11	13.86	50.11	32.81	7.12	7.82	9.0	3.474	84.3	2.3	0.5
398	9/14/2015 12:31:11	13.71	50.14	32.83	7.13	7.83	9.4	3.541	84.2	2.6	0.6
399	9/14/2015 12:46:11	13.57	50.05	32.76	7.16	7.83	7.8	3.612	84.3	2.3	0.5
400	9/14/2015 13:01:10	13.39	50.05	32.75	7.19	7.83	6.7	3.673	84.4	2.6	0.6
401	9/14/2015 13:16:11	13.34	50.13	32.81	7.18	7.83	4.9	3.703	84.2	2.3	0.5
402	9/14/2015 13:31:11	13.18	50.12	32.79	7.14	7.83	3.8	3.742	83.5	2.1	0.5
403	9/14/2015 13:46:11	13.51	50.08	32.78	7.18	7.83	4.2	3.748	84.4	2.3	0.5
404	9/14/2015 14:01:11	13.17	50.13	32.80	7.13	7.83	4.3	3.718	83.3	1.8	0.4
405	9/14/2015 14:16:11	13.32	50.14	32.81	7.13	7.83	6.5	3.687	83.6	1.8	0.4
406	9/14/2015 14:31:11	13.54	50.18	32.85	7.13	7.83	6.4	3.617	83.9	1.6	0.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
407	9/14/2015 14:46:11	14.20	50.08	32.80	7.42	7.86	6.2	3.540	88.5	3.0	0.7
408	9/14/2015 15:01:11	14.29	50.13	32.84	7.46	7.86	5.2	3.452	89.2	2.2	0.5
409	9/14/2015 15:16:11	14.26	50.20	32.89	7.36	7.85	6.1	3.341	88.0	2.2	0.5
410	9/14/2015 15:31:11	15.24	50.09	32.83	7.27	7.85	7.1	3.249	88.6	2.8	0.7
411	9/14/2015 15:46:10	15.41	50.20	32.92	7.25	7.85	6.0	3.152	88.6	2.3	0.5
412	9/14/2015 16:01:10	15.67	50.24	32.95	7.23	7.85	6.9	3.051	88.9	2.9	0.7
413	9/14/2015 16:16:11	15.88	50.28	32.98	7.22	7.85	5.9	2.951	89.2	2.1	0.5
414	9/14/2015 16:31:11	16.12	50.26	32.98	7.09	7.84	6.5	2.858	87.9	1.8	0.4
415	9/14/2015 16:46:11	16.34	50.25	32.97	7.12	7.85	6.5	2.758	88.7	2.3	0.5
416	9/14/2015 17:01:11	16.51	50.30	33.01	7.11	7.85	7.3	2.664	88.9	2.0	0.5
417	9/14/2015 17:16:11	16.43	50.29	33.00	7.08	7.84	7.4	2.585	88.4	2.5	0.6
418	9/14/2015 17:31:11	16.17	50.23	32.95	7.14	7.84	8.2	2.475	88.6	2.3	0.5
419	9/14/2015 17:46:11	16.25	50.32	33.02	7.18	7.85	6.5	2.378	89.4	2.7	0.6
420	9/14/2015 18:01:11	16.38	50.22	32.95	7.21	7.85	5.9	2.308	89.9	2.9	0.7
421	9/14/2015 18:16:11	16.41	50.25	32.97	7.20	7.85	5.6	2.224	89.9	2.2	0.5
422	9/14/2015 18:31:11	16.05	50.19	32.92	7.45	7.87	5.2	2.132	92.3	2.4	0.6
423	9/14/2015 18:46:10	16.44	50.14	32.89	7.32	7.86	5.6	2.066	91.4	2.6	0.6
424	9/14/2015 19:01:10	16.46	50.25	32.98	7.29	7.86	5.3	2.021	91.0	2.5	0.6
425	9/14/2015 19:16:11	16.65	50.31	33.02	7.33	7.86	5.3	1.985	91.9	2.4	0.6
426	9/14/2015 19:31:11	16.83	50.38	33.07	7.29	7.86	5.1	1.952	91.7	2.8	0.7
427	9/14/2015 19:46:11	16.96	50.33	33.04	7.12	7.85	4.3	1.966	89.9	3.4	0.8
428	9/14/2015 20:01:11	16.92	50.35	33.05	7.27	7.85	5.0	2.009	91.6	2.8	0.7
429	9/14/2015 20:16:10	16.99	50.31	33.02	7.13	7.84	4.9	2.051	90.0	2.5	0.6
430	9/14/2015 20:31:11	17.18	50.40	33.09	7.13	7.85	5.2	2.114	90.4	2.8	0.7
431	9/14/2015 20:46:11	17.06	50.39	33.08	7.09	7.84	5.0	2.199	89.7	2.3	0.5
432	9/14/2015 21:01:11	16.95	50.28	33.00	7.07	7.84	5.5	2.287	89.2	2.6	0.6
433	9/14/2015 21:16:11	16.68	50.29	33.00	7.07	7.83	5.2	2.375	88.8	3.0	0.7
434	9/14/2015 21:31:11	16.52	50.29	33.00	7.09	7.83	5.2	2.463	88.7	2.3	0.5
435	9/14/2015 21:46:11	16.57	50.31	33.02	7.09	7.84	5.1	2.550	88.7	2.6	0.6
436	9/14/2015 22:01:11	16.57	50.32	33.03	7.04	7.83	5.2	2.625	88.1	2.8	0.7
437	9/14/2015 22:16:11	16.45	50.33	33.03	6.94	7.82	5.7	2.711	86.7	2.8	0.7
438	9/14/2015 22:31:11	16.31	50.27	32.98	6.89	7.82	5.7	2.790	85.8	3.1	0.7
439	9/14/2015 22:46:11	16.18	50.20	32.93	6.88	7.81	6.7	2.873	85.5	2.4	0.6
440	9/14/2015 23:01:11	15.91	50.23	32.95	6.88	7.81	6.5	2.959	85.0	2.0	0.5
441	9/14/2015 23:16:11	15.65	50.09	32.84	6.91	7.81	7.1	3.038	84.9	2.5	0.6
442	9/14/2015 23:31:11	15.57	50.16	32.89	6.89	7.81	7.9	3.132	84.5	2.7	0.6
443	9/14/2015 23:46:11	15.26	50.18	32.90	6.93	7.81	8.9	3.204	84.5	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	Fluorescence %FS
444	9/15/2015 00:01:11	14.88	50.13	32.86	6.99	7.81	8.2	3.292	84.6	2.5	0.6
445	9/15/2015 00:16:11	14.47	50.09	32.81	7.07	7.82	7.3	3.377	84.8	2.8	0.7
446	9/15/2015 00:31:11	14.16	50.16	32.86	7.09	7.82	8.1	3.447	84.5	1.9	0.4
447	9/15/2015 00:46:11	13.69	50.11	32.81	7.13	7.82	7.7	3.513	84.2	2.8	0.7
448	9/15/2015 01:01:11	13.47	50.13	32.81	7.14	7.82	6.8	3.566	84.0	2.9	0.7
449	9/15/2015 01:16:11	13.32	50.17	32.83	7.16	7.82	5.2	3.618	83.9	2.3	0.5
450	9/15/2015 01:31:11	13.41	49.95	32.68	7.10	7.82	4.6	3.648	83.3	2.4	0.6
451	9/15/2015 01:46:11	13.46	50.00	32.72	6.96	7.81	3.8	3.656	81.8	3.1	0.7
452	9/15/2015 02:01:11	13.32	50.12	32.80	6.99	7.81	4.4	3.649	81.9	1.8	0.4
453	9/15/2015 02:16:11	13.33	50.13	32.80	7.02	7.82	4.8	3.627	82.4	1.8	0.4
454	9/15/2015 02:31:11	13.65	50.15	32.83	6.94	7.81	5.6	3.582	81.9	1.9	0.5
455	9/15/2015 02:46:11	14.19	50.18	32.87	6.86	7.81	5.8	3.499	81.9	1.9	0.4
456	9/15/2015 03:01:11	14.34	50.15	32.86	6.85	7.81	7.3	3.432	82.0	2.4	0.6
457	9/15/2015 03:16:11	13.96	50.28	32.94	6.93	7.81	5.3	3.341	82.4	2.2	0.5
458	9/15/2015 03:31:11	14.33	50.17	32.87	6.89	7.81	5.7	3.253	82.4	2.3	0.5
459	9/15/2015 03:46:11	14.76	50.17	32.88	6.80	7.81	5.7	3.148	82.1	2.1	0.5
460	9/15/2015 04:01:11	15.19	50.27	32.97	6.67	7.80	6.2	3.048	81.3	2.6	0.6
461	9/15/2015 04:16:11	15.33	50.27	32.97	6.64	7.80	6.0	2.964	81.1	2.3	0.5
462	9/15/2015 04:31:11	15.64	50.31	33.00	6.58	7.80	6.6	2.870	80.9	2.6	0.6
463	9/15/2015 04:46:11	15.82	50.31	33.01	6.43	7.78	6.6	2.765	79.4	1.8	0.4
464	9/15/2015 05:01:11	15.84	50.35	33.04	6.47	7.79	6.9	2.680	79.8	2.0	0.5
465	9/15/2015 05:16:11	15.81	50.34	33.03	6.45	7.78	6.2	2.589	79.5	2.2	0.5
466	9/15/2015 05:31:11	15.78	50.39	33.06	6.44	7.78	7.1	2.496	79.4	2.0	0.5
467	9/15/2015 05:46:11	15.67	50.27	32.97	6.47	7.78	6.5	2.408	79.6	2.0	0.5
468	9/15/2015 06:01:11	15.64	50.27	32.97	6.50	7.78	6.5	2.324	80.0	2.4	0.6
469	9/15/2015 06:16:11	15.60	50.26	32.97	6.53	7.78	6.7	2.237	80.2	2.3	0.5
470	9/15/2015 06:31:11	15.65	50.29	32.99	6.58	7.79	6.3	2.168	80.9	1.9	0.5
471	9/15/2015 06:46:11	15.69	50.36	33.04	6.55	7.79	6.3	2.100	80.7	1.9	0.4
472	9/15/2015 07:01:11	15.66	50.30	33.00	6.50	7.78	6.0	2.035	80.0	2.2	0.5
473	9/15/2015 07:16:11	15.75	50.32	33.01	6.49	7.78	5.8	2.022	79.9	1.3	0.3
474	9/15/2015 07:31:11	15.91	50.38	33.06	6.52	7.78	5.2	1.989	80.6	2.1	0.5
475	9/15/2015 07:46:11	15.99	50.41	33.08	6.51	7.79	3.9	1.978	80.7	1.9	0.4
476	9/15/2015 08:01:11	16.09	50.31	33.01	6.64	7.79	4.8	2.019	82.3	1.7	0.4
477	9/15/2015 08:16:11	16.03	50.40	33.07	6.62	7.79	4.8	2.047	82.1	1.5	0.4
478	9/15/2015 08:31:11	16.14	50.35	33.04	6.65	7.80	4.9	2.110	82.6	1.6	0.4
479	9/15/2015 08:46:10	16.14	50.35	33.04	6.67	7.80	5.4	2.194	82.8	1.7	0.4
480	9/15/2015 09:01:11	16.13	50.39	33.07	6.69	7.80	5.6	2.264	83.0	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	Fluorescence %FS
481	9/15/2015 09:16:11	15.99	50.34	33.04	6.67	7.79	5.7	2.352	82.6	1.7	0.4
482	9/15/2015 09:31:11	15.88	50.31	33.01	6.63	7.79	5.3	2.440	81.9	1.5	0.4
483	9/15/2015 09:46:11	15.88	50.36	33.04	6.63	7.79	5.6	2.525	81.9	1.9	0.4
484	9/15/2015 10:01:11	15.87	50.34	33.03	6.64	7.79	5.4	2.606	82.1	1.5	0.4
485	9/15/2015 10:16:11	15.77	50.29	32.99	6.69	7.79	5.6	2.690	82.4	2.0	0.5
486	9/15/2015 10:31:11	15.66	50.26	32.96	6.71	7.79	5.6	2.770	82.5	1.7	0.4
487	9/15/2015 10:46:11	15.62	50.29	32.99	6.72	7.80	5.9	2.865	82.6	1.8	0.4
488	9/15/2015 11:01:11	15.50	50.25	32.96	6.73	7.80	6.8	2.941	82.5	1.6	0.4
489	9/15/2015 11:16:11	15.30	50.29	32.98	6.73	7.79	7.2	3.023	82.2	1.7	0.4
490	9/15/2015 11:31:11	15.18	50.27	32.96	6.76	7.80	7.4	3.118	82.3	1.9	0.5
491	9/15/2015 11:46:11	14.94	50.11	32.84	6.77	7.80	8.8	3.206	82.0	2.0	0.5
492	9/15/2015 12:01:11	14.48	50.19	32.88	6.89	7.80	9.3	3.293	82.7	1.8	0.4
493	9/15/2015 12:16:11	14.06	50.14	32.84	7.02	7.81	8.0	3.376	83.5	2.3	0.5
494	9/15/2015 12:31:11	13.70	50.19	32.86	7.09	7.81	7.0	3.457	83.8	1.8	0.4
495	9/15/2015 12:46:11	13.41	50.08	32.77	7.15	7.82	7.9	3.540	83.9	2.0	0.5
496	9/15/2015 13:01:11	13.10	50.06	32.75	7.24	7.82	6.5	3.607	84.4	2.2	0.5
497	9/15/2015 13:16:11	12.92	50.14	32.80	7.29	7.83	5.8	3.655	84.7	3.0	0.7
498	9/15/2015 13:31:11	12.78	50.07	32.74	7.33	7.83	5.5	3.710	84.9	2.0	0.5
499	9/15/2015 13:46:11	12.70	50.08	32.74	7.35	7.84	4.4	3.754	85.1	2.8	0.7
500	9/15/2015 14:01:11	12.64	50.03	32.71	7.30	7.84	3.6	3.756	84.3	1.8	0.4
501	9/15/2015 14:16:11	12.68	50.19	32.82	7.25	7.83	3.2	3.748	83.8	1.8	0.4
502	9/15/2015 14:31:11	12.68	50.15	32.79	7.25	7.83	3.8	3.725	83.8	1.9	0.5
503	9/15/2015 14:46:11	12.78	50.15	32.80	7.22	7.83	4.3	3.680	83.6	2.3	0.5
504	9/15/2015 15:01:11	12.92	50.08	32.75	7.25	7.84	4.7	3.611	84.2	2.1	0.5
505	9/15/2015 15:16:11	13.31	50.19	32.85	7.30	7.84	7.7	3.509	85.6	2.1	0.5
506	9/15/2015 15:31:11	13.65	50.12	32.81	7.47	7.85	5.9	3.429	88.2	2.0	0.5
507	9/15/2015 15:46:11	13.75	50.15	32.84	7.38	7.84	8.2	3.346	87.2	2.9	0.7
508	9/15/2015 16:01:11	14.57	50.20	32.90	7.29	7.84	6.4	3.237	87.7	2.7	0.6
509	9/15/2015 16:16:11	14.80	50.13	32.85	7.27	7.84	6.5	3.128	87.8	2.1	0.5
510	9/15/2015 16:31:10	14.94	50.18	32.89	7.33	7.85	6.2	3.025	88.9	2.6	0.6
511	9/15/2015 16:46:11	15.35	50.21	32.92	7.41	7.86	6.5	2.943	90.5	2.0	0.5
512	9/15/2015 17:01:11	15.65	50.26	32.96	7.36	7.85	6.4	2.842	90.5	2.3	0.5
513	9/15/2015 17:16:11	15.69	50.34	33.02	7.26	7.84	6.5	2.723	89.4	2.3	0.5
514	9/15/2015 17:31:11	15.73	50.31	33.00	7.24	7.84	6.4	2.639	89.2	2.3	0.5
515	9/15/2015 17:46:12	15.91	50.40	33.08	7.35	7.85	6.9	2.554	90.9	2.6	0.6
516	9/15/2015 18:01:11	15.73	50.36	33.04	7.30	7.84	5.9	2.457	89.9	2.4	0.6
517	9/15/2015 18:16:11	15.62	50.17	32.90	7.49	7.86	5.7	2.347	92.0	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	Fluorescence %FS
518	9/15/2015 18:31:11	15.62	50.32	33.01	7.49	7.86	5.6	2.262	92.0	2.2	0.5
519	9/15/2015 18:46:11	15.76	50.28	32.98	7.40	7.85	5.7	2.196	91.2	2.3	0.5
520	9/15/2015 19:01:11	15.92	50.35	33.04	7.45	7.85	5.7	2.101	92.2	1.9	0.5
521	9/15/2015 19:16:11	15.86	50.31	33.01	7.37	7.85	5.3	2.027	91.0	2.6	0.6
522	9/15/2015 19:31:11	15.89	50.31	33.01	7.42	7.85	5.2	1.996	91.7	2.4	0.6
523	9/15/2015 19:46:11	15.96	50.33	33.03	7.48	7.86	5.1	1.955	92.5	2.9	0.7
524	9/15/2015 20:01:11	15.97	50.30	33.00	7.43	7.86	4.6	1.945	91.9	3.3	0.8
525	9/15/2015 20:16:11	15.88	50.33	33.02	7.59	7.86	5.0	1.945	93.8	3.2	0.8
526	9/15/2015 20:31:11	15.96	50.23	32.95	7.50	7.86	4.8	1.977	92.8	2.7	0.6
527	9/15/2015 20:46:11	16.16	50.37	33.06	7.41	7.85	5.0	2.043	92.0	2.6	0.6
528	9/15/2015 21:01:11	16.31	50.40	33.08	7.46	7.85	5.0	2.096	93.1	3.1	0.7
529	9/15/2015 21:16:11	16.26	50.34	33.04	7.42	7.85	5.3	2.169	92.4	2.3	0.5
530	9/15/2015 21:31:11	16.23	50.43	33.10	7.41	7.85	5.7	2.265	92.2	3.1	0.7
531	9/15/2015 21:46:11	16.10	50.38	33.06	7.37	7.84	6.3	2.343	91.4	3.0	0.7
532	9/15/2015 22:01:11	16.00	50.33	33.03	7.36	7.84	6.0	2.421	91.1	2.7	0.6
533	9/15/2015 22:16:11	16.00	50.27	32.98	7.38	7.84	5.4	2.497	91.3	2.5	0.6
534	9/15/2015 22:31:11	16.01	50.37	33.05	7.35	7.84	5.5	2.584	91.1	2.1	0.5
535	9/15/2015 22:46:11	15.79	50.31	33.00	7.16	7.82	5.3	2.662	88.3	2.6	0.6
536	9/15/2015 23:01:11	15.66	50.35	33.03	7.07	7.82	5.2	2.724	87.0	2.9	0.7
537	9/15/2015 23:16:11	15.54	50.23	32.94	7.06	7.81	5.4	2.807	86.6	2.5	0.6
538	9/15/2015 23:31:11	15.43	50.29	32.98	7.04	7.81	5.6	2.883	86.2	2.7	0.6
539	9/15/2015 23:46:11	15.26	50.26	32.96	7.04	7.81	6.4	2.967	85.9	2.3	0.5
540	9/16/2015 00:01:11	15.12	50.28	32.97	7.04	7.81	6.6	3.038	85.6	2.5	0.6
541	9/16/2015 00:16:11	14.99	50.16	32.88	7.04	7.81	7.0	3.117	85.4	1.6	0.4
542	9/16/2015 00:31:11	14.66	50.15	32.86	7.13	7.82	7.4	3.199	85.9	2.9	0.7
543	9/16/2015 00:46:10	14.42	50.12	32.84	7.17	7.82	7.4	3.273	86.0	2.7	0.6
544	9/16/2015 01:01:11	14.11	50.23	32.91	7.23	7.83	7.2	3.354	86.2	2.2	0.5
545	9/16/2015 01:16:11	13.85	50.18	32.86	7.27	7.83	7.1	3.414	86.2	3.3	0.8
546	9/16/2015 01:31:11	13.61	50.15	32.83	7.31	7.83	6.4	3.467	86.2	2.6	0.6
547	9/16/2015 01:46:11	13.52	50.13	32.82	7.31	7.84	5.4	3.527	86.0	2.5	0.6
548	9/16/2015 02:01:11	13.39	50.22	32.87	7.34	7.84	5.1	3.558	86.2	3.2	0.7
549	9/16/2015 02:16:11	14.22	50.29	32.95	6.94	7.81	6.3	3.572	82.9	3.1	0.7
550	9/16/2015 02:31:11	13.65	50.13	32.82	7.13	7.82	3.4	3.582	84.2	2.6	0.6
551	9/16/2015 02:46:11	13.66	50.18	32.85	7.14	7.83	4.0	3.568	84.3	1.7	0.4
552	9/16/2015 03:01:11	13.95	50.01	32.74	7.06	7.82	5.9	3.512	83.8	1.9	0.4
553	9/16/2015 03:16:11	14.41	50.15	32.86	7.04	7.82	5.6	3.467	84.4	2.7	0.6
554	9/16/2015 03:31:11	14.75	50.20	32.90	6.96	7.81	6.1	3.387	84.1	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	Fluorescence %FS
555	9/16/2015 03:46:11	14.22	50.18	32.87	7.15	7.82	5.8	3.313	85.3	2.5	0.6
556	9/16/2015 04:01:11	14.09	50.13	32.83	7.19	7.82	5.4	3.228	85.6	2.1	0.5
557	9/16/2015 04:16:11	14.59	50.30	32.97	7.02	7.81	6.0	3.129	84.6	2.0	0.5
558	9/16/2015 04:31:11	14.71	50.20	32.90	7.05	7.81	6.3	3.047	85.1	2.5	0.6
559	9/16/2015 04:46:11	14.74	50.23	32.92	7.06	7.81	5.9	2.957	85.2	2.1	0.5
560	9/16/2015 05:01:11	14.90	50.28	32.96	7.02	7.81	6.6	2.875	85.0	2.7	0.6
561	9/16/2015 05:16:11	14.99	50.36	33.03	6.98	7.80	5.9	2.794	84.7	2.3	0.5
562	9/16/2015 05:31:11	15.07	50.19	32.90	6.99	7.80	5.9	2.701	84.9	2.3	0.5
563	9/16/2015 05:46:11	15.25	50.33	33.01	6.96	7.80	6.2	2.620	84.9	1.8	0.4
564	9/16/2015 06:01:11	15.36	50.42	33.07	6.94	7.80	6.3	2.542	84.9	2.5	0.6
565	9/16/2015 06:16:11	15.38	50.36	33.04	6.92	7.79	7.3	2.464	84.7	2.3	0.5
566	9/16/2015 06:31:11	15.33	50.39	33.06	6.94	7.79	8.3	2.390	84.8	2.3	0.5
567	9/16/2015 06:46:11	15.38	50.42	33.08	6.94	7.79	9.2	2.323	84.9	2.5	0.6
568	9/16/2015 07:01:11	15.39	50.46	33.11	6.95	7.79	9.5	2.267	85.1	2.2	0.5
569	9/16/2015 07:16:11	15.41	50.37	33.04	6.95	7.79	8.8	2.214	85.0	2.3	0.5
570	9/16/2015 07:31:11	15.43	50.39	33.06	6.90	7.79	8.0	2.169	84.5	2.1	0.5
571	9/16/2015 07:46:11	15.44	50.40	33.06	6.88	7.79	7.3	2.135	84.3	2.2	0.5
572	9/16/2015 08:01:11	15.48	50.46	33.11	6.87	7.79	6.0	2.127	84.3	2.5	0.6
573	9/16/2015 08:16:11	15.56	50.33	33.01	6.91	7.79	5.9	2.123	84.9	2.0	0.5
574	9/16/2015 08:31:11	15.57	50.43	33.09	6.95	7.80	6.2	2.149	85.4	2.1	0.5
575	9/16/2015 08:46:11	15.51	50.41	33.08	6.96	7.80	6.0	2.176	85.4	2.5	0.6
576	9/16/2015 09:01:11	15.52	50.43	33.09	6.97	7.80	5.9	2.229	85.6	1.8	0.4
577	9/16/2015 09:16:11	15.50	50.40	33.06	6.98	7.80	6.2	2.304	85.6	1.9	0.4
578	9/16/2015 09:31:11	15.47	50.44	33.09	6.97	7.80	7.4	2.370	85.5	2.6	0.6
579	9/16/2015 09:46:11	15.41	50.33	33.01	6.98	7.80	6.5	2.454	85.5	1.8	0.4
580	9/16/2015 10:01:11	15.28	50.29	32.98	6.99	7.80	6.0	2.538	85.3	1.7	0.4
581	9/16/2015 10:16:11	15.22	50.29	32.98	7.00	7.80	5.8	2.614	85.4	2.3	0.5
582	9/16/2015 10:31:11	15.11	50.25	32.95	7.02	7.80	6.1	2.694	85.3	1.9	0.5
583	9/16/2015 10:46:11	14.97	50.19	32.90	7.02	7.80	5.8	2.773	85.2	2.0	0.5
584	9/16/2015 11:01:11	14.96	50.12	32.85	7.04	7.80	5.6	2.856	85.3	1.9	0.4
585	9/16/2015 11:16:11	14.93	50.26	32.95	7.03	7.81	6.6	2.940	85.2	2.3	0.5
586	9/16/2015 11:31:11	14.79	50.24	32.93	7.06	7.81	6.4	3.024	85.3	1.8	0.4
587	9/16/2015 11:46:11	14.62	50.14	32.85	7.09	7.81	7.0	3.103	85.4	2.2	0.5
588	9/16/2015 12:01:11	14.50	50.22	32.91	7.13	7.82	6.8	3.198	85.7	2.3	0.5
589	9/16/2015 12:16:11	14.30	50.19	32.88	7.21	7.82	7.0	3.284	86.2	1.9	0.5
590	9/16/2015 12:31:11	14.03	50.09	32.80	7.35	7.83	7.0	3.369	87.3	2.1	0.5
591	9/16/2015 12:46:11	13.73	50.12	32.81	7.53	7.85	6.4	3.453	89.0	2.9	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	Fluorescence %FS
592	9/16/2015 13:01:11	13.44	50.13	32.81	7.75	7.87	6.9	3.541	91.0	3.0	0.7
593	9/16/2015 13:16:11	13.25	49.90	32.64	7.91	7.89	5.7	3.612	92.5	4.1	1.0
594	9/16/2015 13:31:11	13.11	50.06	32.75	8.02	7.90	5.4	3.671	93.6	3.8	0.9
595	9/16/2015 13:46:11	12.85	50.03	32.72	8.23	7.91	4.4	3.732	95.4	5.6	1.3
596	9/16/2015 14:01:11	12.73	50.03	32.71	8.38	7.93	3.3	3.768	97.0	5.5	1.3
597	9/16/2015 14:16:11	12.70	50.07	32.74	8.36	7.93	2.4	3.799	96.7	3.5	0.8
598	9/16/2015 14:31:11	12.93	50.04	32.73	8.15	7.91	3.2	3.804	94.7	3.7	0.9
599	9/16/2015 14:46:11	12.63	50.06	32.73	8.31	7.93	2.7	3.797	95.9	4.4	1.0
600	9/16/2015 15:01:11	12.83	50.04	32.72	8.21	7.92	3.7	3.763	95.2	3.0	0.7
601	9/16/2015 15:16:11	12.87	50.13	32.79	8.19	7.92	2.8	3.708	95.1	4.0	0.9
602	9/16/2015 15:31:11	14.14	50.15	32.85	7.76	7.88	4.9	3.635	92.5	2.3	0.5
603	9/16/2015 15:46:11	13.87	49.98	32.72	7.92	7.89	4.6	3.553	93.9	3.8	0.9
604	9/16/2015 16:01:11	13.69	50.00	32.72	8.07	7.90	4.3	3.467	95.3	4.4	1.0
605	9/16/2015 16:16:11	14.15	50.06	32.78	7.81	7.88	4.5	3.375	93.0	2.8	0.7
606	9/16/2015 16:31:11	14.42	50.16	32.86	7.82	7.88	5.2	3.272	93.8	3.7	0.9
607	9/16/2015 16:46:11	14.44	50.14	32.85	7.86	7.88	5.4	3.180	94.3	3.3	0.8
608	9/16/2015 17:01:11	14.61	50.14	32.85	7.78	7.87	5.5	3.083	93.7	2.9	0.7
609	9/16/2015 17:16:11	14.82	50.20	32.90	7.73	7.87	5.7	2.990	93.4	3.1	0.7
610	9/16/2015 17:31:11	15.04	50.24	32.94	7.64	7.86	6.1	2.888	92.8	2.4	0.6
611	9/16/2015 17:46:11	15.43	50.28	32.97	7.84	7.87	6.1	2.801	96.0	2.9	0.7
612	9/16/2015 18:01:11	15.53	50.27	32.97	7.58	7.85	6.6	2.710	93.0	2.4	0.6
613	9/16/2015 18:16:11	15.75	50.28	32.98	7.71	7.86	7.0	2.596	95.0	2.2	0.5
614	9/16/2015 18:31:11	15.62	50.25	32.96	7.72	7.86	6.7	2.516	94.9	3.0	0.7
615	9/16/2015 18:46:11	15.48	50.25	32.96	7.73	7.86	7.0	2.422	94.8	2.2	0.5
616	9/16/2015 19:01:11	15.51	50.25	32.96	7.84	7.87	6.3	2.319	96.2	2.6	0.6
617	9/16/2015 19:16:11	15.52	50.30	32.99	7.69	7.86	7.7	2.235	94.4	2.5	0.6
618	9/16/2015 19:31:11	15.56	50.25	32.95	7.65	7.86	7.1	2.165	93.9	2.2	0.5
619	9/16/2015 19:46:11	15.56	50.33	33.02	7.67	7.86	6.3	2.089	94.2	2.4	0.6
620	9/16/2015 20:01:11	15.63	50.31	33.00	7.65	7.86	6.9	2.024	94.0	3.1	0.7
621	9/16/2015 20:16:11	15.66	50.27	32.97	7.60	7.85	5.9	1.989	93.4	2.6	0.6
622	9/16/2015 20:31:11	15.81	50.38	33.06	7.55	7.85	5.6	1.969	93.2	2.7	0.6
623	9/16/2015 20:46:11	15.59	50.14	32.88	7.86	7.87	5.9	1.964	96.5	2.5	0.6
624	9/16/2015 21:01:11	15.90	50.37	33.05	7.73	7.86	5.8	1.975	95.6	3.2	0.8
625	9/16/2015 21:16:11	15.76	50.19	32.92	7.65	7.85	6.0	2.012	94.2	3.0	0.7
626	9/16/2015 21:31:11	15.94	50.35	33.04	7.61	7.85	5.5	2.060	94.2	2.9	0.7
627	9/16/2015 21:46:11	16.04	50.32	33.02	7.65	7.85	5.7	2.138	94.8	3.5	0.8
628	9/16/2015 22:01:11	16.08	50.32	33.02	7.69	7.85	6.9	2.206	95.4	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	Fluorescence %FS
629	9/16/2015 22:16:11	16.26	50.19	32.92	7.81	7.86	8.1	2.279	97.1	3.7	0.9
630	9/16/2015 22:31:11	16.04	50.25	32.97	7.72	7.85	7.2	2.371	95.7	3.2	0.8
631	9/16/2015 22:46:11	15.92	50.08	32.84	7.70	7.85	6.7	2.447	95.1	3.0	0.7
632	9/16/2015 23:01:11	15.90	50.13	32.88	7.70	7.85	6.6	2.515	95.1	3.5	0.8
633	9/16/2015 23:16:10	15.80	50.21	32.94	7.68	7.85	6.3	2.595	94.7	2.9	0.7
634	9/16/2015 23:31:11	15.53	50.23	32.94	7.57	7.84	5.9	2.678	92.9	2.8	0.7
635	9/16/2015 23:46:11	15.36	50.25	32.95	7.50	7.84	5.6	2.746	91.7	2.8	0.7
636	9/17/2015 00:01:11	15.36	50.22	32.93	7.44	7.83	5.8	2.818	90.9	2.8	0.7
637	9/17/2015 00:16:11	15.36	50.27	32.97	7.41	7.83	6.2	2.894	90.6	2.5	0.6
638	9/17/2015 00:31:11	15.28	50.23	32.94	7.40	7.83	6.2	2.972	90.4	2.6	0.6
639	9/17/2015 00:46:11	15.10	50.17	32.89	7.45	7.83	6.3	3.045	90.6	3.0	0.7
640	9/17/2015 01:01:11	14.98	50.17	32.88	7.46	7.83	6.0	3.117	90.5	3.2	0.7
641	9/17/2015 01:16:11	14.86	50.15	32.87	7.51	7.84	6.7	3.190	90.8	3.1	0.7
642	9/17/2015 01:31:11	14.66	50.04	32.78	7.58	7.85	6.8	3.263	91.3	2.7	0.6
643	9/17/2015 01:46:12	14.33	50.12	32.83	7.72	7.86	6.3	3.324	92.4	2.4	0.6
644	9/17/2015 02:01:11	14.15	50.11	32.82	7.79	7.87	5.6	3.380	92.9	3.9	0.9
645	9/17/2015 02:16:11	14.02	50.06	32.78	7.85	7.88	4.9	3.430	93.3	3.4	0.8
646	9/17/2015 02:31:11	13.95	50.14	32.84	7.88	7.88	4.8	3.470	93.6	4.1	1.0
647	9/17/2015 02:46:11	15.02	50.24	32.94	6.88	7.80	7.8	3.494	83.6	3.5	0.8
648	9/17/2015 03:01:11	14.33	50.09	32.81	7.56	7.86	4.3	3.508	90.4	2.9	0.7
649	9/17/2015 03:16:11	14.04	50.16	32.85	7.59	7.86	4.0	3.499	90.3	2.9	0.7
650	9/17/2015 03:31:11	14.07	50.14	32.84	7.58	7.86	3.4	3.469	90.3	2.6	0.6
651	9/17/2015 03:46:11	14.27	50.11	32.83	7.57	7.86	4.0	3.440	90.5	2.0	0.5
652	9/17/2015 04:01:11	14.57	50.13	32.85	7.45	7.85	4.9	3.377	89.6	2.5	0.6
653	9/17/2015 04:16:11	14.83	50.09	32.83	7.28	7.83	6.1	3.314	88.0	2.6	0.6
654	9/17/2015 04:31:11	14.50	50.09	32.81	7.39	7.84	6.2	3.240	88.7	2.4	0.6
655	9/17/2015 04:46:11	14.54	50.17	32.88	7.47	7.84	5.5	3.161	89.8	2.4	0.6
656	9/17/2015 05:01:11	14.91	50.18	32.89	7.28	7.83	5.9	3.094	88.2	2.2	0.5
657	9/17/2015 05:16:11	15.04	50.20	32.91	7.18	7.82	5.3	3.008	87.2	2.5	0.6
658	9/17/2015 05:31:11	15.12	50.23	32.94	7.15	7.81	6.3	2.925	86.9	2.4	0.6
659	9/17/2015 05:46:11	15.29	50.22	32.93	7.02	7.80	6.5	2.861	85.7	1.8	0.4
660	9/17/2015 06:01:11	15.40	50.19	32.91	6.96	7.79	6.1	2.787	85.1	2.0	0.5
661	9/17/2015 06:16:11	15.46	50.28	32.98	6.86	7.78	6.8	2.707	84.0	2.1	0.5
662	9/17/2015 06:31:11	15.47	50.22	32.94	6.79	7.78	6.9	2.638	83.2	1.9	0.4
663	9/17/2015 06:46:11	15.49	50.31	33.00	6.86	7.78	5.9	2.600	84.1	2.1	0.5
664	9/17/2015 07:01:11	15.51	50.32	33.01	6.86	7.78	5.9	2.516	84.2	2.0	0.5
665	9/17/2015 07:16:11	15.47	50.25	32.95	6.69	7.77	6.8	2.437	81.9	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	Fluorescence %FS
666	9/17/2015 07:31:11	15.45	50.25	32.95	6.67	7.76	6.4	2.412	81.6	2.3	0.5
667	9/17/2015 07:46:11	15.51	50.27	32.97	6.76	7.77	5.8	2.349	82.9	1.7	0.4
668	9/17/2015 08:01:11	15.48	50.24	32.95	6.72	7.77	5.9	2.327	82.3	2.1	0.5
669	9/17/2015 08:16:11	15.47	50.18	32.90	6.70	7.77	5.5	2.246	82.0	1.9	0.4
670	9/17/2015 08:31:11	15.43	50.23	32.94	6.76	7.77	5.2	2.288	82.7	2.4	0.6
671	9/17/2015 08:46:11	15.40	50.19	32.91	6.76	7.77	6.0	2.292	82.7	2.0	0.5
672	9/17/2015 09:01:11	15.44	50.26	32.96	6.82	7.78	5.6	2.277	83.6	1.8	0.4
673	9/17/2015 09:16:11	15.50	50.23	32.94	6.84	7.78	5.5	2.301	83.8	1.8	0.4
674	9/17/2015 09:31:11	15.57	50.24	32.95	6.96	7.79	5.4	2.387	85.4	2.0	0.5
675	9/17/2015 09:46:11	15.69	50.27	32.98	7.06	7.80	5.3	2.450	86.9	1.6	0.4
676	9/17/2015 10:01:11	15.72	50.14	32.88	7.11	7.80	6.0	2.502	87.6	2.3	0.5
677	9/17/2015 10:16:11	15.79	50.22	32.94	7.12	7.80	7.6	2.567	87.8	2.7	0.6
678	9/17/2015 10:31:11	15.61	50.21	32.93	7.10	7.80	6.5	2.645	87.3	2.0	0.5
679	9/17/2015 10:46:11	15.52	50.20	32.92	7.09	7.80	6.2	2.736	87.0	2.6	0.6
680	9/17/2015 11:01:11	15.48	50.20	32.92	7.12	7.80	6.2	2.786	87.3	2.3	0.5
681	9/17/2015 11:16:11	15.40	50.24	32.94	7.18	7.81	5.8	2.858	87.8	1.7	0.4
682	9/17/2015 11:31:11	15.24	50.12	32.86	7.29	7.82	5.2	2.948	88.8	1.9	0.4
683	9/17/2015 11:46:11	15.18	50.19	32.90	7.32	7.82	5.4	3.030	89.1	2.1	0.5
684	9/17/2015 12:01:11	15.16	50.10	32.84	7.34	7.82	6.8	3.087	89.3	2.2	0.5
685	9/17/2015 12:16:11	15.03	50.18	32.89	7.41	7.83	6.3	3.164	89.9	1.9	0.4
686	9/17/2015 12:31:10	14.87	49.97	32.74	7.51	7.84	6.2	3.261	90.8	2.9	0.7
687	9/17/2015 12:46:11	14.77	50.15	32.87	7.59	7.85	6.3	3.325	91.7	3.1	0.7
688	9/17/2015 13:01:11	14.63	50.05	32.79	7.68	7.86	6.2	3.392	92.4	2.9	0.7
689	9/17/2015 13:16:11	14.38	49.97	32.73	7.90	7.88	6.5	3.484	94.6	3.9	0.9
690	9/17/2015 13:31:11	14.14	50.07	32.79	8.16	7.91	5.7	3.555	97.3	4.1	1.0
691	9/17/2015 13:46:11	13.91	50.07	32.79	8.50	7.93	6.2	3.635	100.9	5.0	1.2
692	9/17/2015 14:01:11	13.72	50.01	32.73	8.84	7.96	5.9	3.663	104.4	8.3	2.0
693	9/17/2015 14:16:11	13.64	50.08	32.78	8.98	7.97	4.7	3.729	105.9	6.4	1.5
694	9/17/2015 14:31:11	13.59	50.07	32.77	9.06	7.98	4.2	3.771	106.8	7.3	1.7
695	9/17/2015 14:46:11	13.54	50.01	32.73	9.12	7.99	3.4	3.793	107.3	6.2	1.5
696	9/17/2015 15:01:11	13.55	50.05	32.76	8.91	7.98	2.0	3.788	104.9	4.0	0.9
697	9/17/2015 15:16:11	13.58	50.05	32.76	9.00	7.98	2.9	3.767	106.0	3.8	0.9
698	9/17/2015 15:31:11	13.65	50.02	32.74	8.95	7.98	3.5	3.769	105.5	3.8	0.9
699	9/17/2015 15:46:11	13.72	50.09	32.79	8.90	7.97	3.0	3.695	105.2	3.8	0.9
700	9/17/2015 16:01:11	14.34	50.14	32.84	8.64	7.95	5.2	3.611	103.4	3.9	0.9
701	9/17/2015 16:16:11	14.99	50.01	32.77	8.68	7.95	5.2	3.552	105.2	3.4	0.8
702	9/17/2015 16:31:11	14.66	49.87	32.66	8.73	7.95	4.8	3.473	105.0	4.7	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	Fluorescence %FS
703	9/17/2015 16:46:11	15.58	50.07	32.83	8.38	7.92	5.0	3.397	102.8	3.1	0.7
704	9/17/2015 17:01:11	15.70	50.08	32.83	8.31	7.91	5.6	3.268	102.2	3.1	0.7
705	9/17/2015 17:16:11	15.63	50.17	32.90	8.29	7.91	5.5	3.191	101.8	2.8	0.7
706	9/17/2015 17:31:11	15.64	50.10	32.85	8.28	7.91	4.9	3.120	101.8	3.0	0.7
707	9/17/2015 17:46:11	15.85	50.17	32.91	8.34	7.91	5.4	3.030	102.9	2.4	0.6
708	9/17/2015 18:01:11	16.23	50.17	32.91	8.34	7.91	6.3	2.899	103.7	2.7	0.6
709	9/17/2015 18:16:11	16.39	50.19	32.93	8.40	7.91	6.9	2.834	104.8	2.9	0.7
710	9/17/2015 18:31:11	16.53	50.21	32.94	8.44	7.92	5.8	2.748	105.5	2.4	0.6
711	9/17/2015 18:46:11	16.55	50.22	32.96	8.41	7.91	6.6	2.650	105.3	2.1	0.5
712	9/17/2015 19:01:11	16.54	50.22	32.95	8.45	7.91	6.3	2.528	105.7	2.5	0.6
713	9/17/2015 19:16:11	16.55	50.23	32.96	8.37	7.91	6.8	2.462	104.7	2.7	0.6
714	9/17/2015 19:31:11	16.42	50.19	32.93	8.29	7.90	6.1	2.401	103.5	2.6	0.6
715	9/17/2015 19:46:11	16.46	50.24	32.97	8.49	7.92	6.4	2.258	106.1	2.5	0.6
716	9/17/2015 20:01:11	16.54	50.21	32.94	8.29	7.90	6.7	2.184	103.7	2.9	0.7
717	9/17/2015 20:16:11	16.69	50.26	32.99	8.30	7.90	6.3	2.117	104.1	2.6	0.6
718	9/17/2015 20:31:11	16.59	50.23	32.96	8.45	7.92	6.4	2.068	105.8	2.6	0.6
719	9/17/2015 20:46:11	16.72	50.17	32.92	8.32	7.91	6.0	1.998	104.4	3.3	0.8
720	9/17/2015 21:01:11	16.78	50.27	32.99	8.40	7.92	6.7	1.958	105.6	2.7	0.6
721	9/17/2015 21:16:11	16.97	50.26	32.99	8.31	7.91	5.4	1.977	104.9	2.7	0.6
722	9/17/2015 21:31:11	17.20	50.28	33.00	8.46	7.91	5.9	1.955	107.3	3.0	0.7
723	9/17/2015 21:46:11	17.43	50.23	32.97	8.61	7.92	6.0	1.948	109.6	3.2	0.8
724	9/17/2015 22:01:11	17.27	50.27	32.99	8.58	7.92	5.4	2.025	108.9	3.1	0.7
725	9/17/2015 22:16:11	17.38	50.29	33.01	8.66	7.92	6.0	2.106	110.2	3.0	0.7
726	9/17/2015 22:31:10	17.33	50.20	32.95	8.67	7.92	5.8	2.129	110.1	2.8	0.7
727	9/17/2015 22:46:10	17.43	50.17	32.93	8.51	7.91	6.7	2.164	108.3	3.2	0.8
728	9/17/2015 23:01:11	17.71	50.14	32.91	8.43	7.91	7.9	2.296	107.9	3.6	0.8
729	9/17/2015 23:16:11	17.49	50.22	32.96	8.46	7.90	7.5	2.358	107.8	2.9	0.7
730	9/17/2015 23:31:10	17.21	50.12	32.89	8.45	7.90	6.3	2.416	107.0	2.9	0.7
731	9/17/2015 23:46:11	17.13	50.17	32.92	8.40	7.90	5.4	2.480	106.2	3.1	0.7
732	9/18/2015 00:01:11	16.96	50.21	32.95	8.38	7.90	5.2	2.571	105.7	3.0	0.7
733	9/18/2015 00:16:11	16.57	50.15	32.90	8.11	7.88	5.2	2.665	101.5	2.6	0.6
734	9/18/2015 00:31:11	16.52	50.16	32.91	7.94	7.86	5.4	2.674	99.2	2.9	0.7
735	9/18/2015 00:46:11	16.45	50.09	32.86	7.80	7.85	4.8	2.772	97.4	3.0	0.7
736	9/18/2015 01:01:11	16.33	50.13	32.88	7.80	7.85	5.2	2.847	97.2	2.9	0.7
737	9/18/2015 01:16:11	16.18	50.05	32.83	7.84	7.85	5.1	2.909	97.3	2.8	0.7
738	9/18/2015 01:31:11	16.04	50.06	32.83	7.93	7.86	4.8	2.962	98.1	3.0	0.7
739	9/18/2015 01:46:11	15.89	50.01	32.79	7.94	7.87	4.9	3.023	98.0	2.8	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	Fluorescence %FS
740	9/18/2015 02:01:11	15.81	50.14	32.88	7.93	7.87	5.6	3.101	97.8	2.8	0.7
741	9/18/2015 02:16:11	15.70	50.09	32.84	7.97	7.87	4.8	3.162	98.0	4.1	1.0
742	9/18/2015 02:31:12	15.51	50.05	32.81	8.07	7.89	5.3	3.204	98.8	3.6	0.8
743	9/18/2015 02:46:12	15.31	50.03	32.79	8.14	7.90	4.7	3.271	99.3	3.7	0.9
744	9/18/2015 03:01:11	15.17	49.96	32.74	8.19	7.90	7.5	3.317	99.6	4.0	0.9
745	9/18/2015 03:16:11	15.04	50.03	32.78	8.28	7.91	4.4	3.345	100.5	4.9	1.2
746	9/18/2015 03:31:11	15.09	50.03	32.78	8.17	7.90	4.5	3.373	99.3	3.3	0.8
747	9/18/2015 03:46:11	15.42	50.09	32.84	7.91	7.89	3.4	3.384	96.8	3.1	0.7
748	9/18/2015 04:01:11	15.02	50.01	32.77	8.02	7.90	2.6	3.387	97.3	2.1	0.5
749	9/18/2015 04:16:11	15.09	50.02	32.78	8.03	7.90	2.6	3.367	97.5	2.5	0.6
750	9/18/2015 04:31:11	15.15	50.06	32.81	8.00	7.89	3.1	3.334	97.4	2.0	0.5
751	9/18/2015 04:46:11	15.41	50.02	32.78	7.85	7.88	3.4	3.307	96.0	2.3	0.5
752	9/18/2015 05:01:11	15.59	50.08	32.83	7.78	7.87	5.3	3.233	95.5	2.5	0.6
753	9/18/2015 05:16:11	15.64	49.92	32.72	7.71	7.86	5.5	3.175	94.6	2.3	0.5
754	9/18/2015 05:31:11	15.42	50.04	32.80	7.81	7.87	5.8	3.109	95.5	2.8	0.7
755	9/18/2015 05:46:12	15.44	49.98	32.76	7.79	7.87	5.4	3.031	95.3	2.2	0.5
756	9/18/2015 06:01:11	15.82	50.10	32.85	7.58	7.85	5.1	2.976	93.4	2.5	0.6
757	9/18/2015 06:16:12	15.90	50.17	32.91	7.52	7.84	5.3	2.888	92.9	2.4	0.6
758	9/18/2015 06:31:11	16.07	50.03	32.81	7.38	7.83	5.5	2.824	91.5	3.1	0.7
759	9/18/2015 06:46:11	16.05	50.13	32.88	7.29	7.82	6.5	2.779	90.4	2.2	0.5
760	9/18/2015 07:01:11	15.98	50.13	32.88	7.24	7.82	6.2	2.721	89.6	2.6	0.6
761	9/18/2015 07:16:11	16.06	50.08	32.84	7.16	7.81	5.7	2.639	88.8	2.5	0.6
762	9/18/2015 07:31:11	16.10	50.12	32.87	7.13	7.81	6.2	2.597	88.4	2.0	0.5
763	9/18/2015 07:46:11	16.16	50.21	32.94	7.14	7.81	5.2	2.559	88.7	1.8	0.4
764	9/18/2015 08:01:11	16.23	50.14	32.89	7.22	7.81	5.3	2.471	89.7	2.4	0.6
765	9/18/2015 08:16:11	16.17	50.15	32.90	7.16	7.81	5.1	2.452	88.9	1.9	0.4
766	9/18/2015 08:31:11	16.31	50.21	32.94	7.25	7.81	4.6	2.432	90.3	2.4	0.6
767	9/18/2015 08:46:11	16.48	50.21	32.94	7.30	7.82	4.6	2.388	91.3	2.0	0.5
768	9/18/2015 09:01:11	16.59	50.22	32.95	7.42	7.83	4.0	2.380	93.0	2.2	0.5
769	9/18/2015 09:16:11	16.67	50.21	32.95	7.48	7.83	3.6	2.365	93.8	2.2	0.5
770	9/18/2015 09:31:11	16.81	50.12	32.89	7.51	7.83	4.2	2.392	94.4	2.1	0.5
771	9/18/2015 09:46:11	16.75	50.17	32.92	7.50	7.83	4.2	2.435	94.2	2.3	0.5
772	9/18/2015 10:01:11	16.69	50.08	32.85	7.55	7.83	4.3	2.443	94.7	2.6	0.6
773	9/18/2015 10:16:11	16.68	50.20	32.94	7.61	7.84	4.1	2.493	95.5	2.2	0.5
774	9/18/2015 10:31:11	16.59	50.12	32.88	7.57	7.83	4.8	2.577	94.7	2.0	0.5
775	9/18/2015 10:46:11	16.58	50.15	32.90	7.59	7.84	5.7	2.607	95.1	2.3	0.5
776	9/18/2015 11:01:11	16.45	50.15	32.90	7.60	7.84	4.8	2.687	94.8	2.1	0.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
777	9/18/2015 11:16:11	16.27	50.11	32.87	7.63	7.84	5.2	2.752	95.0	3.0	0.7
778	9/18/2015 11:31:12	16.18	50.14	32.89	7.64	7.84	4.9	2.804	94.8	2.1	0.5
779	9/18/2015 11:46:12	16.13	50.06	32.83	7.66	7.85	4.5	2.876	95.0	2.6	0.6
780	9/18/2015 12:01:11	16.00	50.09	32.85	7.76	7.85	4.7	2.941	96.0	2.4	0.6
781	9/18/2015 12:16:11	15.83	50.09	32.85	7.89	7.86	4.1	3.008	97.3	2.7	0.6
782	9/18/2015 12:31:12	15.78	50.10	32.86	7.92	7.87	4.3	3.085	97.6	2.9	0.7
783	9/18/2015 12:46:12	15.73	50.11	32.86	7.94	7.87	4.5	3.137	97.8	3.4	0.8
784	9/18/2015 13:01:12	15.61	50.07	32.83	8.05	7.88	4.5	3.216	98.8	2.9	0.7
785	9/18/2015 13:16:11	15.39	50.02	32.78	8.18	7.90	5.0	3.299	100.0	3.1	0.7
786	9/18/2015 13:31:11	15.22	49.98	32.76	8.34	7.91	4.9	3.353	101.5	3.7	0.9
787	9/18/2015 13:46:12	15.11	49.98	32.75	8.45	7.93	4.5	3.416	102.7	4.6	1.1
788	9/18/2015 14:01:11	14.92	49.87	32.67	8.66	7.94	5.0	3.509	104.8	3.8	0.9
789	9/18/2015 14:16:11	14.65	49.85	32.64	8.96	7.97	4.8	3.572	107.8	5.6	1.3
790	9/18/2015 14:31:11	14.48	49.95	32.71	9.15	7.99	4.5	3.591	109.8	5.9	1.4
791	9/18/2015 14:46:12	14.41	49.90	32.68	9.33	8.00	4.3	3.667	111.7	6.4	1.5
792	9/18/2015 15:01:12	14.27	49.87	32.65	9.54	8.02	3.5	3.704	113.9	7.1	1.7
793	9/18/2015 15:16:11	14.20	49.83	32.62	9.63	8.03	3.4	3.710	114.8	7.5	1.8
794	9/18/2015 15:31:11	14.22	49.86	32.64	9.41	8.02	2.6	3.701	112.2	4.6	1.1
795	9/18/2015 15:46:11	14.24	49.84	32.62	9.54	8.03	3.2	3.694	113.8	5.9	1.4
796	9/18/2015 16:01:11	14.37	49.85	32.63	9.36	8.01	2.3	3.677	112.0	4.4	1.0
797	9/18/2015 16:16:11	14.39	49.88	32.66	9.30	8.01	3.1	3.616	111.3	4.6	1.1
798	9/18/2015 16:31:11	15.03	49.91	32.70	9.01	7.98	4.8	3.530	109.3	4.4	1.0
799	9/18/2015 16:46:12	15.40	49.98	32.75	9.05	7.99	4.8	3.493	110.6	3.3	0.8
800	9/18/2015 17:01:12	15.37	49.95	32.74	9.15	8.00	4.8	3.431	111.7	4.3	1.0
801	9/18/2015 17:16:12	15.51	49.94	32.73	9.02	7.98	4.6	3.327	110.4	4.7	1.1
802	9/18/2015 17:31:11	15.70	49.93	32.73	8.84	7.97	6.3	3.243	108.7	3.7	0.9
803	9/18/2015 17:46:11	15.99	50.00	32.78	8.73	7.95	6.1	3.160	107.9	4.0	0.9
804	9/18/2015 18:01:11	16.28	50.00	32.79	8.67	7.94	5.8	3.095	107.8	3.0	0.7
805	9/18/2015 18:16:11	16.45	50.07	32.84	8.68	7.94	6.9	2.988	108.4	3.4	0.8
806	9/18/2015 18:31:11	16.59	50.12	32.88	8.71	7.95	7.7	2.885	109.0	4.0	0.9
807	9/18/2015 18:46:11	16.37	50.07	32.84	8.91	7.98	9.2	2.833	111.0	4.1	1.0
808	9/18/2015 19:01:11	16.44	50.07	32.84	9.07	7.99	10.2	2.745	113.1	4.3	1.0
809	9/18/2015 19:16:12	16.37	50.11	32.87	9.05	8.01	12.6	2.626	112.8	4.3	1.0
810	9/18/2015 19:31:11	16.47	50.04	32.82	8.85	7.99	14.8	2.552	110.5	5.1	1.2
811	9/18/2015 19:46:11	16.62	50.12	32.88	8.67	7.98	19.1	2.484	108.6	4.9	1.1
812	9/18/2015 20:01:11	16.31	50.23	32.96	8.67	7.99	17.7	2.373	108.0	5.0	1.2
813	9/18/2015 20:16:11	16.38	50.17	32.91	8.45	7.97	21.3	2.282	105.4	4.5	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	Fluorescence %FS
814	9/18/2015 20:31:11	16.50	50.15	32.90	8.24	7.94	23.1	2.203	103.0	4.3	1.0
815	9/18/2015 20:46:11	16.60	50.14	32.90	8.09	7.93	21.9	2.137	101.3	4.5	1.1
816	9/18/2015 21:01:11	16.50	50.19	32.93	8.02	7.93	18.7	2.076	100.3	4.8	1.1
817	9/18/2015 21:16:11	16.59	50.17	32.91	7.97	7.92	19.7	1.990	99.7	4.3	1.0
818	9/18/2015 21:31:12	16.87	50.22	32.96	7.93	7.91	18.3	1.956	99.9	4.1	1.0
819	9/18/2015 21:46:11	17.36	50.16	32.92	7.90	7.90	18.4	1.972	100.4	4.3	1.0
820	9/18/2015 22:01:11	17.51	50.14	32.91	8.06	7.91	19.8	1.928	102.7	4.9	1.2
821	9/18/2015 22:16:11	17.57	50.21	32.96	7.95	7.90	15.6	1.919	101.4	4.5	1.1
822	9/18/2015 22:31:11	17.67	50.23	32.97	8.25	7.92	18.9	1.990	105.5	4.9	1.2
823	9/18/2015 22:46:11	17.58	50.20	32.95	8.20	7.92	16.4	2.014	104.7	4.5	1.1
824	9/18/2015 23:01:11	17.80	50.15	32.91	8.42	7.94	16.5	2.047	107.9	4.4	1.0
825	9/18/2015 23:16:11	17.70	50.23	32.98	8.43	7.93	15.1	2.115	107.9	4.6	1.1
826	9/18/2015 23:31:11	17.90	50.18	32.94	8.26	7.93	13.1	2.177	106.0	4.5	1.1
827	9/18/2015 23:46:11	18.05	50.21	32.96	8.09	7.92	11.5	2.239	104.2	4.4	1.0
828	9/19/2015 00:01:11	17.81	50.06	32.85	8.18	7.92	13.1	2.315	104.8	3.8	0.9
829	9/19/2015 00:16:11	17.63	50.14	32.91	8.15	7.91	10.9	2.353	104.1	3.6	0.9
830	9/19/2015 00:31:12	17.55	50.21	32.95	8.17	7.91	9.3	2.438	104.3	3.7	0.9
831	9/19/2015 00:46:11	17.51	50.10	32.87	8.22	7.92	9.3	2.495	104.7	3.8	0.9
832	9/19/2015 01:01:11	17.31	50.17	32.93	8.23	7.91	9.2	2.539	104.4	3.5	0.8
833	9/19/2015 01:16:11	17.12	50.13	32.89	8.17	7.90	8.4	2.626	103.3	4.0	0.9
834	9/19/2015 01:31:11	17.04	50.10	32.87	8.03	7.89	6.8	2.674	101.4	3.6	0.9
835	9/19/2015 01:46:11	16.96	50.13	32.89	7.94	7.88	6.8	2.741	100.1	3.8	0.9
836	9/19/2015 02:01:11	16.86	50.10	32.87	7.90	7.87	6.3	2.802	99.4	3.7	0.9
837	9/19/2015 02:16:11	16.57	50.11	32.87	7.99	7.88	6.9	2.870	100.0	3.1	0.7
838	9/19/2015 02:31:11	16.45	50.07	32.84	8.09	7.89	6.8	2.926	101.0	3.8	0.9
839	9/19/2015 02:46:11	16.33	50.02	32.81	8.17	7.90	6.6	2.989	101.7	3.6	0.8
840	9/19/2015 03:01:11	16.21	50.06	32.83	8.22	7.91	6.0	3.050	102.1	4.3	1.0
841	9/19/2015 03:16:11	16.17	50.05	32.82	8.21	7.91	6.0	3.096	101.9	3.1	0.7
842	9/19/2015 03:31:11	16.05	50.05	32.82	8.27	7.91	5.7	3.153	102.3	3.0	0.7
843	9/19/2015 03:46:11	15.83	50.05	32.82	8.40	7.93	6.4	3.197	103.5	3.3	0.8
844	9/19/2015 04:01:11	15.68	49.93	32.73	8.49	7.93	5.7	3.225	104.4	3.6	0.8
845	9/19/2015 04:16:10	15.74	49.96	32.75	8.37	7.93	4.1	3.264	103.0	4.3	1.0
846	9/19/2015 04:31:11	15.57	49.91	32.71	8.35	7.93	2.5	3.274	102.4	7.6	1.8
847	9/19/2015 04:46:11	15.74	50.05	32.81	8.18	7.92	3.6	3.271	100.7	2.8	0.7
848	9/19/2015 05:01:11	15.64	50.00	32.78	8.18	7.92	4.0	3.251	100.4	2.9	0.7
849	9/19/2015 05:16:11	15.80	49.98	32.77	8.14	7.91	3.8	3.231	100.2	2.4	0.6
850	9/19/2015 05:31:12	15.94	49.97	32.76	7.97	7.90	4.6	3.199	98.5	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	Fluorescence %FS
851	9/19/2015 05:46:12	16.26	49.96	32.75	7.81	7.89	6.2	3.126	97.0	2.9	0.7
852	9/19/2015 06:01:12	16.44	50.08	32.85	7.57	7.86	8.1	3.071	94.4	3.0	0.7
853	9/19/2015 06:16:12	16.20	50.06	32.83	7.62	7.87	6.7	3.034	94.6	2.5	0.6
854	9/19/2015 06:31:12	16.23	50.00	32.79	7.81	7.88	5.9	2.962	97.0	3.3	0.8
855	9/19/2015 06:46:11	16.27	50.05	32.82	7.73	7.88	6.6	2.894	96.2	3.1	0.7
856	9/19/2015 07:01:11	16.34	50.06	32.83	7.62	7.86	6.4	2.843	94.8	2.7	0.6
857	9/19/2015 07:16:11	16.49	50.05	32.82	7.54	7.86	6.9	2.797	94.1	2.6	0.6
858	9/19/2015 07:31:11	16.49	50.09	32.86	7.50	7.86	6.3	2.738	93.7	2.4	0.6
859	9/19/2015 07:46:11	16.38	50.10	32.86	7.44	7.85	6.5	2.702	92.7	2.2	0.5
860	9/19/2015 08:01:11	16.46	50.14	32.89	7.32	7.84	6.5	2.651	91.5	2.6	0.6
861	9/19/2015 08:16:11	16.56	50.21	32.95	7.30	7.84	6.9	2.603	91.3	2.7	0.6
862	9/19/2015 08:31:11	16.72	50.20	32.94	7.35	7.84	6.8	2.574	92.2	2.6	0.6
863	9/19/2015 08:46:11	16.83	50.12	32.88	7.34	7.84	8.2	2.524	92.3	2.4	0.6
864	9/19/2015 09:01:11	16.84	50.11	32.87	7.36	7.85	7.0	2.518	92.6	2.3	0.5
865	9/19/2015 09:16:11	16.84	50.18	32.93	7.31	7.84	6.0	2.490	92.0	2.6	0.6
866	9/19/2015 09:31:11	16.90	50.24	32.97	7.32	7.84	6.2	2.466	92.2	2.8	0.7
867	9/19/2015 09:46:11	16.95	50.11	32.88	7.24	7.84	6.7	2.481	91.3	3.0	0.7
868	9/19/2015 10:01:11	16.97	50.10	32.87	7.40	7.84	6.5	2.474	93.3	3.1	0.7
869	9/19/2015 10:16:11	17.03	50.19	32.93	7.47	7.86	6.1	2.498	94.3	3.0	0.7
870	9/19/2015 10:31:11	16.98	50.14	32.90	7.45	7.85	6.3	2.513	93.9	2.5	0.6
871	9/19/2015 10:46:11	16.94	50.16	32.91	7.47	7.86	6.0	2.558	94.2	2.6	0.6
872	9/19/2015 11:01:11	16.89	50.19	32.93	7.49	7.86	6.0	2.605	94.4	3.1	0.7
873	9/19/2015 11:16:11	16.82	50.15	32.91	7.56	7.86	5.5	2.650	95.1	2.9	0.7
874	9/19/2015 11:31:11	16.73	50.11	32.87	7.58	7.86	5.5	2.697	95.1	2.7	0.6
875	9/19/2015 11:46:11	16.64	50.11	32.88	7.71	7.87	5.5	2.752	96.6	2.8	0.7
876	9/19/2015 12:01:11	16.53	50.11	32.87	7.78	7.87	5.4	2.818	97.2	2.9	0.7
877	9/19/2015 12:16:11	16.47	50.02	32.80	7.84	7.88	5.0	2.870	97.9	3.1	0.7
878	9/19/2015 12:31:11	16.41	50.00	32.79	7.86	7.88	5.4	2.924	98.0	2.4	0.6
879	9/19/2015 12:46:11	16.17	50.03	32.81	8.02	7.90	5.7	2.993	99.5	2.8	0.6
880	9/19/2015 13:01:12	16.06	50.02	32.80	8.20	7.91	4.7	3.057	101.5	3.6	0.8
881	9/19/2015 13:16:12	16.06	50.08	32.84	8.24	7.92	4.6	3.117	102.0	3.5	0.8
882	9/19/2015 13:31:11	15.98	49.96	32.76	8.30	7.92	5.0	3.183	102.6	3.1	0.7
883	9/19/2015 13:46:11	15.93	49.96	32.75	8.38	7.93	5.1	3.246	103.5	3.2	0.8
884	9/19/2015 14:01:11	15.78	49.97	32.76	8.56	7.94	4.9	3.307	105.4	3.6	0.8
885	9/19/2015 14:16:11	15.59	49.82	32.64	8.72	7.96	4.3	3.377	106.9	3.4	0.8
886	9/19/2015 14:31:12	15.40	50.00	32.77	8.88	7.97	4.6	3.433	108.5	3.9	0.9
887	9/19/2015 14:46:12	15.30	49.92	32.71	8.99	7.98	4.3	3.474	109.6	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	Fluorescence %FS
888	9/19/2015 15:01:11	15.15	49.89	32.69	9.04	7.99	3.7	3.538	109.9	3.7	0.9
889	9/19/2015 15:16:11	15.02	49.85	32.65	9.14	8.00	3.4	3.568	110.8	3.4	0.8
890	9/19/2015 15:31:12	14.87	49.88	32.67	9.31	8.01	2.9	3.611	112.5	4.3	1.0
891	9/19/2015 15:46:12	14.86	49.89	32.68	9.29	8.01	3.2	3.621	112.2	3.2	0.8
892	9/19/2015 16:01:12	15.09	49.98	32.75	9.20	8.00	2.7	3.631	111.7	3.6	0.8
893	9/19/2015 16:16:12	14.95	49.98	32.75	9.05	8.00	2.4	3.642	109.6	2.6	0.6
894	9/19/2015 16:31:12	14.94	49.88	32.67	8.99	8.00	2.0	3.605	108.8	3.3	0.8
895	9/19/2015 16:46:11	14.93	49.82	32.63	9.09	8.00	2.4	3.588	109.9	1.8	0.4
896	9/19/2015 17:01:11	15.80	49.96	32.75	8.99	7.99	2.8	3.543	110.7	2.6	0.6
897	9/19/2015 17:16:11	16.18	49.91	32.72	8.96	7.98	3.5	3.486	111.2	2.7	0.6
898	9/19/2015 17:31:11	16.45	49.79	32.63	9.16	8.00	4.2	3.426	114.1	3.0	0.7
899	9/19/2015 17:46:12	16.36	49.87	32.69	9.21	8.00	4.0	3.352	114.6	3.1	0.7
900	9/19/2015 18:01:12	16.65	49.93	32.74	9.10	7.99	5.2	3.287	113.9	2.8	0.7
901	9/19/2015 18:16:12	16.66	50.04	32.82	8.96	7.98	5.1	3.189	112.3	3.2	0.8
902	9/19/2015 18:31:11	16.73	50.05	32.83	8.92	7.97	5.6	3.129	111.9	3.3	0.8
903	9/19/2015 18:46:11	16.70	50.04	32.82	8.88	7.97	5.5	3.049	111.4	3.6	0.8
904	9/19/2015 19:01:11	16.86	50.04	32.82	8.88	7.97	6.2	2.943	111.8	3.5	0.8
905	9/19/2015 19:16:11	17.03	50.09	32.86	8.85	7.97	6.8	2.887	111.7	3.4	0.8
906	9/19/2015 19:31:11	17.30	49.99	32.79	8.83	7.96	7.1	2.802	112.0	3.6	0.8
907	9/19/2015 19:46:11	17.35	50.06	32.85	8.84	7.96	6.9	2.718	112.2	3.8	0.9
908	9/19/2015 20:01:11	17.44	50.12	32.89	8.85	7.96	7.4	2.627	112.7	4.2	1.0
909	9/19/2015 20:16:11	17.41	50.09	32.87	8.75	7.96	6.7	2.538	111.3	3.7	0.9
910	9/19/2015 20:31:11	17.52	50.09	32.87	8.73	7.96	8.7	2.471	111.2	4.1	1.0
911	9/19/2015 20:46:11	17.53	50.12	32.89	8.51	7.94	7.9	2.371	108.5	3.7	0.9
912	9/19/2015 21:01:11	17.19	50.19	32.94	8.52	7.94	7.6	2.294	107.9	3.5	0.8
913	9/19/2015 21:16:11	17.33	50.14	32.90	8.42	7.93	7.6	2.209	106.9	4.0	0.9
914	9/19/2015 21:31:11	17.32	50.20	32.95	8.35	7.93	8.1	2.133	106.1	4.2	1.0
915	9/19/2015 21:46:11	17.28	50.22	32.96	8.26	7.92	7.6	2.077	104.9	3.9	0.9
916	9/19/2015 22:01:11	17.30	50.28	33.00	8.16	7.92	7.3	2.006	103.6	4.0	0.9
917	9/19/2015 22:16:11	17.42	50.16	32.92	8.07	7.91	7.1	1.975	102.7	4.9	1.2
918	9/19/2015 22:31:11	17.63	50.27	33.00	8.05	7.91	6.1	1.931	102.8	3.6	0.8
919	9/19/2015 22:46:11	17.83	50.23	32.97	8.04	7.91	5.9	1.934	103.1	4.4	1.0
920	9/19/2015 23:01:11	18.02	50.17	32.93	8.00	7.90	5.7	1.915	103.0	4.4	1.0
921	9/19/2015 23:16:11	18.10	50.15	32.91	8.21	7.92	5.8	1.931	105.8	3.5	0.8
922	9/19/2015 23:31:11	18.03	50.27	33.00	8.23	7.92	5.4	1.979	106.0	3.8	0.9
923	9/19/2015 23:46:11	18.13	50.22	32.97	8.30	7.92	5.6	2.010	107.1	3.4	0.8
924	9/20/2015 00:01:11	18.05	50.25	32.99	8.32	7.92	5.5	2.060	107.1	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	Fluorescence %FS
925	9/20/2015 00:16:11	17.99	50.23	32.98	8.28	7.92	5.2	2.120	106.6	3.8	0.9
926	9/20/2015 00:31:11	18.34	50.15	32.92	8.20	7.93	6.9	2.178	106.1	3.8	0.9
927	9/20/2015 00:46:11	18.29	50.16	32.93	8.20	7.93	6.6	2.236	106.1	3.7	0.9
928	9/20/2015 01:01:11	18.10	50.18	32.94	8.26	7.92	6.2	2.302	106.4	3.5	0.8
929	9/20/2015 01:16:11	17.97	50.12	32.90	8.24	7.92	5.6	2.354	105.9	3.7	0.9
930	9/20/2015 01:31:11	17.91	50.15	32.92	8.25	7.92	5.3	2.404	105.9	3.5	0.8
931	9/20/2015 01:46:11	17.78	50.09	32.87	8.33	7.92	5.2	2.482	106.7	3.7	0.9
932	9/20/2015 02:01:11	17.54	50.08	32.86	8.32	7.92	4.6	2.521	106.1	3.4	0.8
933	9/20/2015 02:16:11	17.33	49.99	32.79	8.23	7.91	4.5	2.592	104.5	3.5	0.8
934	9/20/2015 02:31:11	17.22	49.93	32.75	8.19	7.91	4.0	2.645	103.6	3.5	0.8
935	9/20/2015 02:46:12	17.13	50.14	32.90	8.16	7.91	4.2	2.706	103.2	3.6	0.8
936	9/20/2015 03:01:11	17.08	50.02	32.81	8.17	7.91	4.1	2.767	103.2	3.3	0.8
937	9/20/2015 03:16:11	16.93	50.04	32.83	8.23	7.91	4.3	2.816	103.7	3.7	0.9
938	9/20/2015 03:31:11	16.79	50.12	32.88	8.30	7.92	3.9	2.878	104.3	3.3	0.8
939	9/20/2015 03:46:11	16.65	50.06	32.84	8.38	7.92	4.2	2.932	105.0	4.1	1.0
940	9/20/2015 04:01:11	16.56	50.06	32.84	8.42	7.93	4.0	2.982	105.3	3.8	0.9
941	9/20/2015 04:16:12	16.49	50.01	32.80	8.41	7.93	3.6	3.027	105.1	3.6	0.8
942	9/20/2015 04:31:12	16.46	50.03	32.81	8.38	7.93	3.6	3.083	104.6	3.3	0.8
943	9/20/2015 04:46:11	16.36	49.99	32.78	8.40	7.93	3.4	3.116	104.7	4.5	1.1
944	9/20/2015 05:01:11	16.39	49.99	32.78	8.36	7.93	3.4	3.142	104.2	3.3	0.8
945	9/20/2015 05:16:11	16.25	49.99	32.78	8.35	7.93	3.1	3.188	103.8	2.9	0.7
946	9/20/2015 05:31:10	16.72	49.99	32.78	8.04	7.91	3.8	3.176	100.8	2.2	0.5
947	9/20/2015 05:46:11	16.36	50.02	32.80	8.11	7.91	3.2	3.174	101.0	2.4	0.6
948	9/20/2015 06:01:11	16.37	49.97	32.77	8.02	7.91	3.2	3.185	100.0	2.8	0.7
949	9/20/2015 06:16:11	16.32	49.98	32.77	8.09	7.91	3.4	3.156	100.6	2.8	0.7
950	9/20/2015 06:31:11	16.41	50.03	32.81	7.99	7.91	3.9	3.120	99.6	2.2	0.5
951	9/20/2015 06:46:11	16.67	50.10	32.87	7.76	7.89	6.8	3.071	97.3	2.7	0.6
952	9/20/2015 07:01:11	16.73	50.14	32.90	7.53	7.87	6.8	3.048	94.6	2.8	0.7
953	9/20/2015 07:16:11	16.58	50.08	32.85	7.75	7.88	6.0	2.991	97.0	2.2	0.5
954	9/20/2015 07:31:10	16.46	50.03	32.81	7.82	7.89	6.0	2.923	97.5	2.6	0.6
955	9/20/2015 07:46:11	16.45	50.08	32.85	7.85	7.89	6.0	2.890	98.0	2.5	0.6
956	9/20/2015 08:01:11	16.48	50.10	32.86	7.70	7.88	5.3	2.836	96.1	2.0	0.5
957	9/20/2015 08:16:11	16.51	50.16	32.91	7.68	7.88	4.7	2.802	96.1	2.4	0.6
958	9/20/2015 08:31:11	16.48	50.07	32.84	7.72	7.88	4.8	2.742	96.4	2.2	0.5
959	9/20/2015 08:46:11	16.63	50.08	32.85	7.74	7.88	4.8	2.702	96.9	1.9	0.5
960	9/20/2015 09:01:11	16.63	50.16	32.91	7.60	7.87	4.8	2.679	95.2	2.0	0.5
961	9/20/2015 09:16:11	16.84	50.12	32.89	7.60	7.87	4.8	2.635	95.5	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	Fluorescence %FS
962	9/20/2015 09:31:11	16.91	50.20	32.94	7.66	7.87	4.2	2.615	96.6	2.4	0.6
963	9/20/2015 09:46:11	17.11	50.23	32.97	7.63	7.87	4.4	2.576	96.5	2.2	0.5
964	9/20/2015 10:01:11	17.06	50.19	32.93	7.72	7.87	4.2	2.573	97.5	2.2	0.5
965	9/20/2015 10:16:11	17.12	50.14	32.90	7.43	7.86	3.7	2.569	94.0	2.0	0.5
966	9/20/2015 10:31:11	17.21	50.20	32.95	7.58	7.85	3.3	2.538	96.0	2.1	0.5
967	9/20/2015 10:46:11	17.22	50.19	32.94	7.62	7.86	4.1	2.548	96.6	2.6	0.6
968	9/20/2015 11:01:11	17.13	50.14	32.90	7.79	7.88	4.0	2.578	98.6	2.7	0.6
969	9/20/2015 11:16:11	17.11	50.12	32.89	7.69	7.87	4.4	2.586	97.3	2.8	0.7
970	9/20/2015 11:31:12	17.08	50.22	32.96	7.60	7.87	4.4	2.607	96.1	2.7	0.6
971	9/20/2015 11:46:11	17.05	50.20	32.94	7.61	7.87	4.3	2.639	96.1	2.3	0.5
972	9/20/2015 12:01:11	17.01	50.19	32.94	7.68	7.87	4.0	2.681	96.9	2.5	0.6
973	9/20/2015 12:16:11	16.90	50.19	32.93	7.88	7.89	3.7	2.722	99.3	2.9	0.7
974	9/20/2015 12:31:11	16.87	50.14	32.90	7.93	7.89	3.8	2.770	99.9	3.4	0.8
975	9/20/2015 12:46:11	16.81	50.08	32.85	7.97	7.89	3.7	2.818	100.2	2.4	0.6
976	9/20/2015 13:01:11	16.79	50.06	32.84	8.03	7.90	3.8	2.868	100.9	2.5	0.6
977	9/20/2015 13:16:12	16.75	50.04	32.82	8.07	7.90	3.9	2.927	101.3	2.6	0.6
978	9/20/2015 13:31:12	16.66	50.10	32.87	8.07	7.90	4.1	2.984	101.1	3.0	0.7
979	9/20/2015 13:46:12	16.55	50.08	32.85	8.19	7.92	4.0	3.037	102.4	2.7	0.6
980	9/20/2015 14:01:12	16.36	50.00	32.79	8.48	7.94	3.7	3.096	105.6	2.9	0.7
981	9/20/2015 14:16:12	16.27	50.04	32.82	8.54	7.95	3.4	3.154	106.1	3.0	0.7
982	9/20/2015 14:31:11	16.11	49.98	32.77	8.44	7.94	3.4	3.214	104.6	2.8	0.7
983	9/20/2015 14:46:11	15.99	50.04	32.82	8.47	7.94	3.1	3.274	104.8	2.5	0.6
984	9/20/2015 15:01:11	15.91	49.85	32.67	8.56	7.95	2.9	3.327	105.6	2.8	0.7
985	9/20/2015 15:16:11	15.69	50.00	32.78	8.67	7.96	2.9	3.375	106.6	3.1	0.7
986	9/20/2015 15:31:11	15.52	49.98	32.76	8.76	7.97	2.8	3.426	107.4	3.7	0.9
987	9/20/2015 15:46:11	15.43	49.94	32.73	8.78	7.97	2.6	3.477	107.4	3.1	0.7
988	9/20/2015 16:01:11	15.39	49.86	32.67	8.82	7.97	2.7	3.510	107.7	2.1	0.5
989	9/20/2015 16:16:11	15.33	49.92	32.71	8.79	7.97	2.6	3.534	107.2	3.0	0.7
990	9/20/2015 16:31:11	15.29	49.92	32.71	8.74	7.97	2.8	3.565	106.6	2.5	0.6
991	9/20/2015 16:46:11	15.24	49.85	32.66	8.77	7.98	2.1	3.583	106.8	2.3	0.5
992	9/20/2015 17:01:11	15.25	49.88	32.68	8.34	7.94	2.0	3.569	101.5	1.7	0.4
993	9/20/2015 17:16:11	15.23	49.93	32.72	8.56	7.97	1.6	3.557	104.2	1.4	0.3
994	9/20/2015 17:31:11	15.26	49.87	32.68	8.55	7.96	1.6	3.554	104.2	1.3	0.3
995	9/20/2015 17:46:12	15.30	49.95	32.73	8.52	7.96	2.1	3.509	103.9	1.9	0.4
996	9/20/2015 18:01:11	15.81	49.95	32.74	8.53	7.96	3.1	3.442	105.1	2.1	0.5
997	9/20/2015 18:16:11	16.56	50.00	32.79	8.73	7.98	4.1	3.397	109.1	2.5	0.6
998	9/20/2015 18:31:12	16.47	49.96	32.76	8.79	7.98	3.8	3.337	109.7	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	Fluorescence %FS
999	9/20/2015 18:46:11	16.24	49.94	32.74	8.68	7.97	3.9	3.268	107.8	2.4	0.6
1000	9/20/2015 19:01:11	16.36	49.97	32.77	8.60	7.97	4.4	3.193	107.2	2.6	0.6
1001	9/20/2015 19:16:11	16.83	50.07	32.84	8.66	7.97	5.2	3.107	108.8	3.5	0.8
1002	9/20/2015 19:31:12	16.96	50.03	32.82	8.68	7.97	5.6	3.047	109.5	2.6	0.6
1003	9/20/2015 19:46:12	17.10	50.09	32.86	8.66	7.97	5.1	2.978	109.4	3.9	0.9
1004	9/20/2015 20:01:11	17.21	50.07	32.85	8.65	7.96	5.2	2.884	109.5	3.8	0.9
1005	9/20/2015 20:16:12	17.44	50.13	32.90	8.65	7.96	6.0	2.813	110.1	3.6	0.8
1006	9/20/2015 20:31:11	17.53	50.13	32.90	8.64	7.96	6.3	2.733	110.1	3.4	0.8
1007	9/20/2015 20:46:11	17.14	50.03	32.82	8.59	7.96	5.6	2.659	108.7	3.6	0.8
1008	9/20/2015 21:01:11	17.20	50.16	32.91	8.57	7.96	6.1	2.570	108.6	3.0	0.7
1009	9/20/2015 21:16:11	17.11	50.07	32.85	8.52	7.96	6.6	2.479	107.6	3.7	0.9
1010	9/20/2015 21:31:12	16.93	50.11	32.88	8.37	7.95	6.7	2.402	105.4	3.6	0.8
1011	9/20/2015 21:46:12	17.41	50.19	32.94	8.25	7.94	6.8	2.326	104.9	3.6	0.8
1012	9/20/2015 22:01:11	17.32	50.12	32.89	8.14	7.93	6.6	2.227	103.3	3.6	0.9
1013	9/20/2015 22:16:11	17.15	50.19	32.94	8.04	7.92	6.9	2.153	101.8	4.0	0.9
1014	9/20/2015 22:31:11	17.30	50.16	32.92	7.98	7.92	6.7	2.091	101.3	3.8	0.9
1015	9/20/2015 22:46:11	17.41	50.10	32.87	7.95	7.91	6.7	2.022	101.1	3.6	0.8
1016	9/20/2015 23:01:11	17.63	50.16	32.92	7.96	7.91	6.0	1.975	101.7	4.0	0.9
1017	9/20/2015 23:16:11	17.89	50.13	32.90	7.98	7.91	5.6	1.927	102.5	4.2	1.0
1018	9/20/2015 23:31:11	17.99	50.22	32.97	8.01	7.91	5.1	1.906	103.1	4.6	1.1
1019	9/20/2015 23:46:11	18.19	50.30	33.03	8.09	7.92	4.7	1.897	104.5	4.2	1.0
1020	9/21/2015 00:01:11	18.29	50.17	32.93	8.24	7.93	9.9	1.904	106.7	3.7	0.9
1021	9/21/2015 00:16:11	18.28	50.23	32.98	8.28	7.93	4.5	1.907	107.1	3.7	0.9
1022	9/21/2015 00:31:11	18.22	50.27	33.00	8.29	7.93	4.2	1.938	107.1	4.0	1.0
1023	9/21/2015 00:46:11	18.26	50.20	32.96	8.35	7.94	4.5	1.974	108.0	3.4	0.8
1024	9/21/2015 01:01:11	18.25	50.25	32.99	8.41	7.94	4.2	2.025	108.7	4.0	0.9
1025	9/21/2015 01:16:11	18.18	50.16	32.92	8.37	7.94	4.0	2.075	108.1	3.5	0.8
1026	9/21/2015 01:31:10	18.24	50.09	32.87	8.22	7.93	5.0	2.112	106.1	3.3	0.8
1027	9/21/2015 01:46:11	18.42	50.03	32.83	7.99	7.92	6.2	2.176	103.6	3.4	0.8
1028	9/21/2015 02:01:11	18.43	50.15	32.92	7.95	7.92	6.2	2.242	103.1	3.7	0.9
1029	9/21/2015 02:16:11	18.24	50.18	32.94	8.09	7.93	5.2	2.280	104.6	3.9	0.9
1030	9/21/2015 02:31:11	18.12	50.22	32.97	8.10	7.92	4.8	2.346	104.5	2.8	0.7
1031	9/21/2015 02:46:11	18.02	50.18	32.94	8.12	7.92	4.3	2.409	104.5	3.5	0.8
1032	9/21/2015 03:01:12	17.92	50.22	32.97	8.15	7.93	4.2	2.460	104.8	3.2	0.7
1033	9/21/2015 03:16:12	17.75	50.20	32.95	8.15	7.93	4.0	2.528	104.4	3.4	0.8
1034	9/21/2015 03:31:11	17.55	50.10	32.88	8.12	7.92	3.8	2.580	103.6	3.4	0.8
1035	9/21/2015 03:46:11	17.45	50.15	32.91	8.11	7.92	3.7	2.641	103.2	3.6	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	Fluorescence %FS
1036	9/21/2015 04:01:12	17.40	50.15	32.91	8.08	7.91	3.4	2.697	102.8	3.2	0.7
1037	9/21/2015 04:16:12	17.27	50.13	32.90	8.09	7.92	3.4	2.758	102.7	3.1	0.7
1038	9/21/2015 04:31:12	17.12	50.10	32.88	8.11	7.92	3.5	2.817	102.6	2.8	0.7
1039	9/21/2015 04:46:12	17.04	50.09	32.86	8.14	7.92	3.4	2.860	102.8	2.9	0.7
1040	9/21/2015 05:01:12	16.91	50.10	32.87	8.16	7.92	3.4	2.920	102.7	2.6	0.6
1041	9/21/2015 05:16:11	16.82	50.03	32.82	8.19	7.93	3.6	2.964	103.0	3.1	0.7
1042	9/21/2015 05:31:12	16.73	50.10	32.87	8.18	7.93	3.4	3.013	102.7	3.1	0.7
1043	9/21/2015 05:46:12	16.68	50.04	32.82	8.16	7.93	10.6	3.045	102.3	3.0	0.7
1044	9/21/2015 06:01:12	16.65	50.06	32.83	8.16	7.93	3.3	3.088	102.2	3.0	0.7
1045	9/21/2015 06:16:11	16.55	49.97	32.77	8.18	7.93	2.9	3.120	102.2	2.8	0.7
1046	9/21/2015 06:31:11	16.59	50.03	32.82	8.08	7.92	3.2	3.135	101.1	3.3	0.8
1047	9/21/2015 06:46:11	16.95	50.15	32.91	7.88	7.91	3.5	3.150	99.4	2.8	0.7
1048	9/21/2015 07:01:11	16.56	50.02	32.80	7.83	7.90	2.9	3.153	97.9	2.4	0.6
1049	9/21/2015 07:16:11	16.44	49.96	32.76	7.94	7.91	3.1	3.151	99.0	1.7	0.4
1050	9/21/2015 07:31:11	16.54	50.04	32.82	7.88	7.90	3.7	3.120	98.5	1.8	0.4
1051	9/21/2015 07:46:11	16.65	50.12	32.88	7.88	7.90	2.9	3.093	98.8	1.9	0.4
1052	9/21/2015 08:01:11	16.79	50.06	32.84	7.84	7.90	3.4	3.065	98.5	2.0	0.5
1053	9/21/2015 08:16:11	17.04	50.18	32.93	7.69	7.89	5.0	3.015	97.1	1.9	0.4
1054	9/21/2015 08:31:11	17.10	50.15	32.91	7.63	7.89	5.3	2.973	96.5	2.4	0.6
1055	9/21/2015 08:46:11	16.97	49.99	32.79	7.73	7.89	4.7	2.929	97.4	2.0	0.5
1056	9/21/2015 09:01:12	16.97	49.98	32.79	7.65	7.89	4.6	2.877	96.4	2.7	0.6
1057	9/21/2015 09:16:11	16.98	50.04	32.82	7.64	7.88	4.4	2.844	96.3	2.2	0.5
1058	9/21/2015 09:31:12	17.02	50.14	32.90	7.64	7.88	4.3	2.797	96.5	2.1	0.5
1059	9/21/2015 09:46:12	17.01	50.14	32.90	7.64	7.88	4.6	2.758	96.5	2.2	0.5
1060	9/21/2015 10:01:12	17.05	50.13	32.89	7.41	7.86	5.4	2.726	93.6	2.2	0.5
1061	9/21/2015 10:16:12	17.07	50.02	32.81	7.40	7.86	4.7	2.701	93.5	2.5	0.6
1062	9/21/2015 10:31:12	17.07	50.17	32.92	7.55	7.87	4.4	2.666	95.5	2.0	0.5
1063	9/21/2015 10:46:11	17.24	50.09	32.87	7.39	7.86	4.1	2.648	93.7	2.3	0.5
1064	9/21/2015 11:01:11	17.36	50.01	32.81	7.44	7.86	3.7	2.631	94.5	2.3	0.5
1065	9/21/2015 11:16:11	17.39	50.10	32.88	7.38	7.85	3.7	2.608	93.8	3.1	0.7
1066	9/21/2015 11:31:11	17.38	50.15	32.91	7.42	7.84	4.6	2.623	94.4	3.2	0.7
1067	9/21/2015 11:46:11	17.34	50.16	32.92	7.35	7.85	5.4	2.604	93.4	2.7	0.6
1068	9/21/2015 12:01:11	17.42	50.15	32.92	7.56	7.88	3.7	2.616	96.2	2.9	0.7
1069	9/21/2015 12:16:11	17.38	50.14	32.90	7.61	7.88	3.4	2.626	96.7	3.2	0.8
1070	9/21/2015 12:31:11	17.33	50.07	32.85	7.65	7.88	3.7	2.649	97.2	3.2	0.8
1071	9/21/2015 12:46:11	17.29	50.06	32.85	7.75	7.89	4.7	2.669	98.3	3.1	0.7
1072	9/21/2015 13:01:12	17.26	50.12	32.89	7.82	7.90	3.2	2.696	99.2	3.2	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	Fluorescence %FS
1073	9/21/2015 13:16:12	17.20	50.08	32.86	7.82	7.90	3.3	2.745	99.1	2.6	0.6
1074	9/21/2015 13:31:11	17.16	50.09	32.86	7.86	7.90	3.1	2.771	99.5	3.3	0.8
1075	9/21/2015 13:46:11	17.14	50.09	32.87	7.87	7.90	3.2	2.826	99.6	2.9	0.7
1076	9/21/2015 14:01:11	17.07	49.97	32.78	7.94	7.91	3.4	2.877	100.3	2.2	0.5
1077	9/21/2015 14:16:11	17.03	49.84	32.68	7.98	7.91	3.2	2.932	100.6	2.9	0.7
1078	9/21/2015 14:31:11	16.90	50.08	32.86	7.99	7.91	3.7	2.978	100.7	2.6	0.6
1079	9/21/2015 14:46:11	16.83	49.96	32.76	7.99	7.91	3.7	3.032	100.5	3.1	0.7
1080	9/21/2015 15:01:11	16.63	50.01	32.80	8.08	7.92	3.5	3.098	101.1	3.1	0.7
1081	9/21/2015 15:16:12	16.34	50.04	32.82	8.15	7.93	3.4	3.141	101.5	2.5	0.6
1082	9/21/2015 15:31:12	16.07	49.95	32.75	8.24	7.94	2.8	3.196	102.0	2.6	0.6
1083	9/21/2015 15:46:12	15.94	49.92	32.73	8.30	7.95	2.8	3.250	102.5	2.5	0.6
1084	9/21/2015 16:01:11	15.89	49.84	32.66	8.33	7.95	2.7	3.306	102.8	3.5	0.8
1085	9/21/2015 16:16:12	15.64	49.96	32.75	8.24	7.95	2.4	3.361	101.2	2.8	0.7
1086	9/21/2015 16:31:12	15.57	49.96	32.74	8.21	7.95	2.5	3.394	100.6	2.5	0.6
1087	9/21/2015 16:46:12	15.45	49.92	32.71	8.23	7.95	2.4	3.452	100.7	2.3	0.5
1088	9/21/2015 17:01:12	15.32	49.91	32.70	8.25	7.97	2.3	3.492	100.6	2.5	0.6
1089	9/21/2015 17:16:11	15.27	49.98	32.75	8.26	7.97	4.6	3.519	100.7	2.3	0.5
1090	9/21/2015 17:31:11	15.17	49.90	32.70	8.26	7.97	2.6	3.537	100.4	2.2	0.5
1091	9/21/2015 17:46:11	15.17	49.92	32.71	8.10	7.96	1.9	3.563	98.5	1.8	0.4
1092	9/21/2015 18:01:11	15.16	49.91	32.70	7.90	7.94	1.8	3.577	96.0	1.4	0.3
1093	9/21/2015 18:16:11	15.16	49.92	32.70	8.02	7.94	2.4	3.545	97.5	2.1	0.5
1094	9/21/2015 18:31:11	15.19	49.89	32.69	8.05	7.96	1.7	3.532	98.0	1.1	0.2
1095	9/21/2015 18:46:11	15.28	49.89	32.69	8.06	7.95	2.0	3.512	98.2	1.7	0.4
1096	9/21/2015 19:01:11	15.42	49.91	32.71	8.03	7.95	2.3	3.458	98.1	1.5	0.3
1097	9/21/2015 19:16:11	15.98	49.99	32.77	8.09	7.95	4.1	3.408	100.0	2.5	0.6
1098	9/21/2015 19:31:11	16.31	49.84	32.67	8.20	7.96	4.8	3.344	102.0	2.9	0.7
1099	9/21/2015 19:46:11	16.14	49.83	32.66	8.20	7.96	4.4	3.284	101.6	2.7	0.6
1100	9/21/2015 20:01:11	16.45	49.93	32.74	8.21	7.96	13.7	3.212	102.4	3.1	0.7
1101	9/21/2015 20:16:11	16.76	50.01	32.80	8.30	7.96	4.9	3.142	104.2	3.7	0.9
1102	9/21/2015 20:31:11	16.92	49.99	32.79	8.33	7.96	4.9	3.076	104.8	3.6	0.9
1103	9/21/2015 20:46:12	17.04	50.11	32.88	8.32	7.96	4.6	2.996	105.0	3.7	0.9
1104	9/21/2015 21:01:12	17.15	49.99	32.79	8.30	7.96	5.0	2.927	104.9	3.6	0.8
1105	9/21/2015 21:16:11	17.35	50.11	32.88	8.31	7.96	5.8	2.844	105.6	3.5	0.8
1106	9/21/2015 21:31:12	17.47	50.09	32.87	8.25	7.96	5.3	2.773	105.1	3.6	0.8
1107	9/21/2015 21:46:12	17.54	50.06	32.85	8.24	7.95	5.6	2.697	105.0	3.9	0.9
1108	9/21/2015 22:01:11	17.60	50.18	32.94	8.25	7.96	5.8	2.608	105.3	3.2	0.7
1109	9/21/2015 22:16:12	17.47	50.13	32.90	8.21	7.95	7.2	2.532	104.6	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	Fluorescence %FS
1110	9/21/2015 22:31:12	17.38	50.09	32.86	8.18	7.95	7.8	2.444	103.9	3.6	0.8
1111	9/21/2015 22:46:11	17.27	50.14	32.90	8.12	7.95	6.9	2.351	103.1	3.5	0.8
1112	9/21/2015 23:01:11	17.27	50.11	32.88	7.96	7.94	7.6	2.271	100.9	3.8	0.9
1113	9/21/2015 23:16:11	17.36	50.23	32.97	7.82	7.93	6.7	2.195	99.5	4.1	1.0
1114	9/21/2015 23:31:12	17.32	50.14	32.91	7.70	7.92	6.4	2.114	97.8	3.7	0.9
1115	9/21/2015 23:46:11	17.53	50.13	32.90	7.68	7.91	6.0	2.040	97.9	3.7	0.9
1116	9/22/2015 00:01:11	17.46	50.09	32.87	7.57	7.90	6.0	1.983	96.3	3.6	0.9
1117	9/22/2015 00:16:11	17.61	50.24	32.98	7.53	7.89	5.3	1.929	96.2	3.5	0.8
1118	9/22/2015 00:31:11	17.69	50.23	32.97	7.52	7.89	5.3	1.875	96.2	3.5	0.8
1119	9/22/2015 00:46:11	17.98	50.21	32.96	7.55	7.89	5.0	1.863	97.1	4.3	1.0
1120	9/22/2015 01:01:11	18.12	50.29	33.02	7.57	7.89	5.2	1.846	97.7	4.6	1.1
1121	9/22/2015 01:16:11	18.21	50.23	32.97	7.77	7.90	9.4	1.845	100.4	4.3	1.0
1122	9/22/2015 01:31:11	18.16	50.24	32.99	7.80	7.91	4.2	1.853	100.6	3.8	0.9
1123	9/22/2015 01:46:11	18.06	50.20	32.95	7.78	7.91	4.0	1.899	100.2	3.7	0.9
1124	9/22/2015 02:01:11	18.17	50.21	32.96	7.91	7.92	4.0	1.943	102.1	3.4	0.8
1125	9/22/2015 02:16:12	18.13	50.27	33.00	7.90	7.92	4.0	1.984	101.9	3.8	0.9
1126	9/22/2015 02:31:11	18.06	50.22	32.97	7.90	7.92	4.2	2.055	101.7	3.5	0.8
1127	9/22/2015 02:46:11	18.11	50.13	32.90	7.80	7.91	5.2	2.104	100.5	4.0	0.9
1128	9/22/2015 03:01:11	18.22	50.14	32.91	7.61	7.91	6.6	2.167	98.3	3.8	0.9
1129	9/22/2015 03:16:11	18.11	50.19	32.94	7.70	7.91	6.2	2.236	99.3	3.6	0.8
1130	9/22/2015 03:31:11	17.95	50.24	32.98	7.76	7.91	5.6	2.282	99.7	3.4	0.8
1131	9/22/2015 03:46:11	17.93	50.20	32.95	7.76	7.91	5.1	2.350	99.7	3.4	0.8
1132	9/22/2015 04:01:11	17.89	50.08	32.86	7.77	7.91	4.6	2.412	99.8	3.5	0.8
1133	9/22/2015 04:16:11	17.87	50.21	32.96	7.77	7.91	4.6	2.481	99.7	3.2	0.7
1134	9/22/2015 04:31:11	17.72	50.12	32.89	7.83	7.91	4.3	2.530	100.1	3.3	0.8
1135	9/22/2015 04:46:11	17.53	50.18	32.93	7.80	7.91	4.1	2.601	99.5	3.3	0.8
1136	9/22/2015 05:01:11	17.43	50.14	32.91	7.81	7.91	3.8	2.659	99.3	2.8	0.7
1137	9/22/2015 05:16:11	17.28	50.11	32.88	7.84	7.91	3.7	2.724	99.4	3.3	0.8
1138	9/22/2015 05:31:11	17.12	50.01	32.81	7.86	7.91	3.6	2.784	99.4	2.7	0.6
1139	9/22/2015 05:46:11	16.96	49.96	32.77	7.88	7.92	3.9	2.843	99.3	2.6	0.6
1140	9/22/2015 06:01:12	16.80	50.08	32.85	7.89	7.93	3.8	2.903	99.2	3.0	0.7
1141	9/22/2015 06:16:12	16.69	50.00	32.80	7.90	7.93	3.7	2.960	99.1	2.9	0.7
1142	9/22/2015 06:31:11	16.64	50.03	32.82	7.90	7.93	3.4	3.014	99.0	3.0	0.7
1143	9/22/2015 06:46:11	16.58	50.03	32.81	7.89	7.93	3.9	3.060	98.7	2.7	0.6
1144	9/22/2015 07:01:11	16.40	49.93	32.74	7.94	7.93	4.0	3.108	98.9	2.5	0.6
1145	9/22/2015 07:16:11	16.19	50.00	32.79	7.99	7.93	3.8	3.150	99.2	2.7	0.6
1146	9/22/2015 07:31:12	16.09	49.99	32.78	7.98	7.94	3.4	3.182	98.8	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	Fluorescence %FS
1147	9/22/2015 07:46:11	16.02	49.96	32.75	7.96	7.94	2.9	3.215	98.5	1.9	0.4
1148	9/22/2015 08:01:11	16.30	49.91	32.72	7.67	7.91	2.7	3.227	95.4	2.1	0.5
1149	9/22/2015 08:16:11	16.18	50.00	32.78	7.69	7.91	3.2	3.236	95.5	2.0	0.5
1150	9/22/2015 08:31:11	16.00	49.99	32.78	7.74	7.92	3.4	3.225	95.7	2.0	0.5
1151	9/22/2015 08:46:11	16.07	49.89	32.70	7.78	7.92	4.0	3.203	96.4	1.4	0.3
1152	9/22/2015 09:01:11	16.47	49.90	32.72	7.37	7.89	4.7	3.174	91.9	1.8	0.4
1153	9/22/2015 09:16:12	16.64	50.13	32.89	7.31	7.88	5.3	3.127	91.6	2.2	0.5
1154	9/22/2015 09:31:12	16.63	50.10	32.87	7.41	7.88	5.3	3.083	92.8	2.2	0.5
1155	9/22/2015 09:46:12	16.62	50.12	32.88	7.60	7.89	5.1	3.038	95.2	2.1	0.5
1156	9/22/2015 10:01:12	16.57	49.93	32.74	7.66	7.90	4.1	2.980	95.8	2.2	0.5
1157	9/22/2015 10:16:12	16.60	50.06	32.84	7.79	7.91	4.3	2.933	97.5	2.1	0.5
1158	9/22/2015 10:31:12	16.73	50.03	32.82	7.79	7.91	4.0	2.886	97.7	1.7	0.4
1159	9/22/2015 10:46:11	16.79	50.08	32.85	7.79	7.91	3.7	2.844	97.9	1.5	0.4
1160	9/22/2015 11:01:11	16.89	49.96	32.77	7.73	7.91	3.7	2.800	97.2	2.0	0.5
1161	9/22/2015 11:16:11	16.94	50.13	32.90	7.65	7.91	4.3	2.763	96.5	2.3	0.5
1162	9/22/2015 11:31:11	16.96	50.10	32.87	7.75	7.91	4.0	2.732	97.7	1.8	0.4
1163	9/22/2015 11:46:11	16.97	50.00	32.80	7.75	7.91	3.8	2.687	97.7	1.9	0.4
1164	9/22/2015 12:01:11	17.14	50.07	32.85	7.72	7.90	4.0	2.671	97.7	2.2	0.5
1165	9/22/2015 12:16:11	17.20	50.12	32.89	7.75	7.91	4.0	2.655	98.1	2.6	0.6
1166	9/22/2015 12:31:11	17.35	50.07	32.85	7.51	7.89	3.5	2.628	95.3	2.3	0.5
1167	9/22/2015 12:46:11	17.38	50.19	32.94	7.48	7.88	3.8	2.621	95.1	2.6	0.6
1168	9/22/2015 13:01:11	17.41	50.02	32.82	7.55	7.88	3.5	2.637	96.0	3.3	0.8
1169	9/22/2015 13:16:12	17.42	50.15	32.91	7.67	7.90	3.5	2.627	97.6	3.2	0.8
1170	9/22/2015 13:31:11	17.45	50.17	32.92	7.66	7.90	3.4	2.638	97.6	4.2	1.0
1171	9/22/2015 13:46:11	17.41	50.16	32.92	7.70	7.91	3.4	2.661	98.0	2.9	0.7
1172	9/22/2015 14:01:12	17.33	50.00	32.80	7.65	7.91	3.6	2.688	97.1	3.3	0.8
1173	9/22/2015 14:16:11	17.31	50.13	32.90	7.71	7.91	3.0	2.709	97.9	3.5	0.8
1174	9/22/2015 14:31:12	17.25	50.10	32.87	7.77	7.92	3.2	2.749	98.6	3.3	0.8
1175	9/22/2015 14:46:11	17.17	50.06	32.84	7.76	7.92	3.1	2.793	98.2	2.8	0.7
1176	9/22/2015 15:01:11	17.12	50.12	32.89	7.76	7.91	3.1	2.832	98.1	3.0	0.7
1177	9/22/2015 15:16:12	17.03	50.11	32.88	7.80	7.92	3.5	2.882	98.4	3.0	0.7
1178	9/22/2015 15:31:12	16.95	50.11	32.88	7.88	7.93	3.3	2.939	99.4	3.0	0.7
1179	9/22/2015 15:46:12	16.86	50.07	32.85	7.87	7.92	3.4	2.989	99.0	2.8	0.7
1180	9/22/2015 16:01:12	16.76	49.98	32.78	7.87	7.92	3.7	3.048	98.8	3.3	0.8
1181	9/22/2015 16:16:12	16.63	50.02	32.81	7.95	7.93	3.4	3.108	99.6	3.3	0.8
1182	9/22/2015 16:31:12	16.31	50.03	32.81	8.04	7.94	3.1	3.168	100.1	3.2	0.7
1183	9/22/2015 16:46:11	16.04	49.90	32.71	8.07	7.94	3.4	3.227	99.8	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	Fluorescence %FS
1184	9/22/2015 17:01:11	15.90	49.78	32.62	8.13	7.95	3.0	3.288	100.3	2.7	0.6
1185	9/22/2015 17:16:11	15.83	49.97	32.76	8.11	7.95	2.7	3.349	100.0	1.8	0.4
1186	9/22/2015 17:31:11	15.59	49.97	32.76	8.03	7.95	2.7	3.401	98.6	2.0	0.5
1187	9/22/2015 17:46:11	15.58	49.96	32.75	7.99	7.94	2.7	3.456	98.0	2.5	0.6
1188	9/22/2015 18:01:11	15.51	49.95	32.74	7.96	7.94	2.9	3.511	97.5	1.8	0.4
1189	9/22/2015 18:16:11	15.30	49.90	32.70	7.92	7.94	2.7	3.554	96.5	2.1	0.5
1190	9/22/2015 18:31:11	15.04	49.92	32.70	7.86	7.94	2.3	3.583	95.3	2.0	0.5
1191	9/22/2015 18:46:11	14.80	49.97	32.74	7.83	7.94	2.9	3.614	94.6	2.2	0.5
1192	9/22/2015 19:01:11	14.67	49.89	32.67	7.80	7.93	2.2	3.636	94.0	2.4	0.6
1193	9/22/2015 19:16:11	14.72	49.82	32.63	7.46	7.91	2.4	3.631	89.9	2.5	0.6
1194	9/22/2015 19:31:11	14.76	49.84	32.64	7.69	7.92	2.4	3.624	92.8	2.0	0.5
1195	9/22/2015 19:46:11	14.80	49.90	32.69	7.61	7.92	2.9	3.599	91.9	1.4	0.3
1196	9/22/2015 20:01:11	14.93	49.95	32.73	7.62	7.92	3.7	3.554	92.2	2.1	0.5
1197	9/22/2015 20:16:11	15.57	49.93	32.73	7.76	7.93	4.0	3.512	95.1	2.6	0.6
1198	9/22/2015 20:31:11	16.32	50.06	32.83	7.97	7.95	4.7	3.446	99.2	3.0	0.7
1199	9/22/2015 20:46:11	15.71	49.85	32.66	7.81	7.94	4.9	3.384	96.0	2.3	0.5
1200	9/22/2015 21:01:11	15.90	50.02	32.79	7.82	7.94	4.5	3.311	96.5	2.0	0.5
1201	9/22/2015 21:16:11	16.52	50.11	32.87	8.03	7.95	5.4	3.227	100.4	2.5	0.6
1202	9/22/2015 21:31:12	16.66	50.10	32.87	8.08	7.96	5.1	3.152	101.2	3.2	0.7
1203	9/22/2015 21:46:12	16.74	50.14	32.90	8.09	7.96	5.4	3.068	101.6	3.1	0.7
1204	9/22/2015 22:01:12	16.86	50.14	32.90	8.07	7.95	35.2	2.988	101.6	2.9	0.7
1205	9/22/2015 22:16:11	17.12	50.05	32.83	8.10	7.96	22.9	2.903	102.4	3.1	0.7
1206	9/22/2015 22:31:11	17.36	50.17	32.93	8.15	7.96	44.1	2.817	103.6	3.2	0.8
1207	9/22/2015 22:46:11	17.30	50.18	32.93	8.15	7.95	24.4	2.733	103.4	4.0	0.9
1208	9/22/2015 23:01:11	17.43	50.20	32.95	8.27	7.96	7.7	2.638	105.2	3.4	0.8
1209	9/22/2015 23:16:11	17.46	50.19	32.94	8.17	7.96	8.0	2.554	104.0	3.9	0.9
1210	9/22/2015 23:31:11	17.28	50.15	32.91	8.01	7.95	30.5	2.450	101.6	3.8	0.9
1211	9/22/2015 23:46:11	17.16	50.12	32.88	7.84	7.93	7.3	2.364	99.2	3.8	0.9
1212	9/23/2015 00:01:12	17.09	50.28	33.00	7.68	7.92	8.0	2.256	97.2	3.7	0.9
1213	9/23/2015 00:16:12	17.21	50.25	32.98	7.65	7.92	7.3	2.159	96.9	3.4	0.8
1214	9/23/2015 00:31:12	17.24	50.18	32.93	7.59	7.91	7.0	2.090	96.3	3.7	0.9
1215	9/23/2015 00:46:12	17.05	50.22	32.96	7.42	7.90	6.6	1.983	93.8	3.9	0.9
1216	9/23/2015 01:01:12	17.12	50.27	33.00	7.33	7.89	64.1	1.919	92.7	3.5	0.8
1217	9/23/2015 01:16:11	17.13	50.19	32.94	7.33	7.89	5.9	1.863	92.8	4.3	1.0
1218	9/23/2015 01:31:11	17.29	50.29	33.01	7.34	7.89	5.9	1.821	93.2	3.8	0.9
1219	9/23/2015 01:46:11	17.52	50.32	33.04	7.39	7.90	5.5	1.776	94.2	4.4	1.0
1220	9/23/2015 02:01:11	17.65	50.25	32.99	7.37	7.89	4.5	1.771	94.2	4.5	1.1

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
1221	9/23/2015 02:16:11	17.81	50.28	33.01	7.51	7.90	4.6	1.786	96.4	4.2	1.0
1222	9/23/2015 02:31:11	17.74	50.33	33.04	7.58	7.90	11.4	1.798	97.2	3.8	0.9
1223	9/23/2015 02:46:11	17.75	50.29	33.02	7.61	7.91	4.3	1.825	97.5	3.6	0.8
1224	9/23/2015 03:01:11	17.79	50.28	33.01	7.66	7.91	4.4	1.877	98.2	3.9	0.9
1225	9/23/2015 03:16:11	17.78	50.31	33.03	7.74	7.91	4.5	1.950	99.2	3.3	0.8
1226	9/23/2015 03:31:11	17.72	50.29	33.02	7.71	7.91	4.6	1.998	98.7	3.7	0.9
1227	9/23/2015 03:46:11	17.71	50.24	32.98	7.64	7.91	5.2	2.066	97.8	3.2	0.7
1228	9/23/2015 04:01:11	17.75	50.10	32.88	7.52	7.90	8.2	2.143	96.2	4.2	1.0
1229	9/23/2015 04:16:11	17.65	50.27	33.00	7.55	7.90	6.8	2.203	96.6	4.1	1.0
1230	9/23/2015 04:31:12	17.54	50.23	32.97	7.63	7.91	5.4	2.270	97.4	3.7	0.9
1231	9/23/2015 04:46:11	17.50	50.21	32.96	7.65	7.91	4.9	2.337	97.5	3.8	0.9
1232	9/23/2015 05:01:11	17.50	50.14	32.91	7.67	7.91	4.6	2.412	97.7	3.1	0.7
1233	9/23/2015 05:16:11	17.49	50.28	33.01	7.65	7.91	4.5	2.479	97.5	3.2	0.7
1234	9/23/2015 05:31:11	17.32	50.21	32.96	7.68	7.91	4.5	2.554	97.6	3.5	0.8
1235	9/23/2015 05:46:11	17.21	50.16	32.92	7.64	7.91	4.3	2.623	96.8	3.4	0.8
1236	9/23/2015 06:01:11	17.11	50.16	32.92	7.63	7.91	4.4	2.702	96.5	3.9	0.9
1237	9/23/2015 06:16:12	16.90	50.19	32.94	7.62	7.91	5.1	2.778	96.0	3.1	0.7
1238	9/23/2015 06:31:11	16.73	49.98	32.78	7.66	7.92	5.1	2.839	96.2	2.8	0.7
1239	9/23/2015 06:46:11	16.59	50.13	32.89	7.66	7.92	5.1	2.920	95.9	3.3	0.8
1240	9/23/2015 07:01:11	16.51	50.10	32.86	7.66	7.92	5.9	2.989	95.8	3.1	0.7
1241	9/23/2015 07:16:11	16.41	50.13	32.88	7.65	7.92	5.6	3.052	95.4	2.0	0.5
1242	9/23/2015 07:31:11	16.16	50.01	32.79	7.67	7.92	6.3	3.131	95.2	2.4	0.6
1243	9/23/2015 07:46:11	15.97	50.02	32.80	7.68	7.92	6.9	3.183	95.0	2.3	0.5
1244	9/23/2015 08:01:11	15.75	50.07	32.83	7.70	7.92	6.6	3.239	94.8	2.4	0.6
1245	9/23/2015 08:16:11	15.57	50.06	32.82	7.69	7.92	5.6	3.289	94.3	1.9	0.5
1246	9/23/2015 08:31:12	15.33	50.02	32.79	7.67	7.92	6.0	3.332	93.6	2.0	0.5
1247	9/23/2015 08:46:11	15.21	49.93	32.72	7.66	7.91	3.8	3.365	93.2	1.8	0.4
1248	9/23/2015 09:01:12	15.05	50.07	32.81	7.52	7.91	3.1	3.372	91.3	2.1	0.5
1249	9/23/2015 09:16:12	15.36	50.05	32.81	7.42	7.90	8.7	3.377	90.6	2.0	0.5
1250	9/23/2015 09:31:11	15.06	49.96	32.74	7.45	7.90	3.5	3.367	90.4	1.5	0.4
1251	9/23/2015 09:46:11	15.40	50.04	32.80	7.42	7.90	4.3	3.344	90.8	1.9	0.4
1252	9/23/2015 10:01:12	15.92	50.12	32.87	7.42	7.91	4.5	3.295	91.7	2.2	0.5
1253	9/23/2015 10:16:11	16.15	50.02	32.80	7.58	7.92	5.2	3.245	94.1	2.1	0.5
1254	9/23/2015 10:31:11	16.27	50.01	32.79	7.69	7.92	4.8	3.201	95.6	1.5	0.3
1255	9/23/2015 10:46:11	16.28	49.90	32.72	7.78	7.93	4.4	3.129	96.6	2.5	0.6
1256	9/23/2015 11:01:11	16.25	50.08	32.84	7.76	7.93	4.5	3.072	96.4	2.4	0.6
1257	9/23/2015 11:16:11	16.47	50.09	32.85	7.73	7.92	4.0	3.013	96.6	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	Fluorescence %FS
1258	9/23/2015 11:31:11	16.67	49.99	32.79	7.72	7.92	4.0	2.951	96.7	1.8	0.4
1259	9/23/2015 11:46:12	16.82	50.15	32.90	7.64	7.92	4.0	2.896	96.0	2.1	0.5
1260	9/23/2015 12:01:12	16.88	50.16	32.92	7.56	7.91	4.3	2.842	95.3	2.5	0.6
1261	9/23/2015 12:16:12	17.01	50.18	32.93	7.63	7.91	3.8	2.790	96.3	2.3	0.5
1262	9/23/2015 12:31:12	17.15	50.17	32.93	7.65	7.91	3.9	2.745	96.8	2.5	0.6
1263	9/23/2015 12:46:11	17.27	50.20	32.95	7.73	7.91	3.7	2.693	98.0	2.2	0.5
1264	9/23/2015 13:01:12	17.37	50.11	32.88	7.76	7.92	3.5	2.659	98.6	2.1	0.5
1265	9/23/2015 13:16:12	17.41	50.15	32.91	7.67	7.91	3.2	2.620	97.6	1.8	0.4
1266	9/23/2015 13:31:11	17.42	50.18	32.93	7.60	7.90	3.7	2.583	96.7	1.7	0.4
1267	9/23/2015 13:46:11	17.55	50.15	32.91	7.69	7.90	3.2	2.565	98.1	2.1	0.5
1268	9/23/2015 14:01:11	17.57	50.13	32.90	7.81	7.91	3.0	2.548	99.6	2.6	0.6
1269	9/23/2015 14:16:11	17.54	50.20	32.95	7.96	7.91	3.4	2.539	101.5	2.0	0.5
1270	9/23/2015 14:31:12	17.47	50.15	32.91	8.21	7.94	3.4	2.546	104.5	3.1	0.7
1271	9/23/2015 14:46:12	17.50	50.13	32.90	7.93	7.93	3.6	2.560	101.0	3.1	0.7
1272	9/23/2015 15:01:11	17.44	50.17	32.92	8.06	7.94	3.2	2.576	102.6	2.9	0.7
1273	9/23/2015 15:16:11	17.50	50.14	32.91	8.01	7.94	3.5	2.612	102.1	3.4	0.8
1274	9/23/2015 15:31:11	17.50	50.11	32.88	8.02	7.94	3.3	2.650	102.2	3.0	0.7
1275	9/23/2015 15:46:11	17.42	50.15	32.91	7.97	7.93	4.9	2.693	101.4	3.2	0.8
1276	9/23/2015 16:01:11	17.37	50.07	32.86	7.93	7.93	3.8	2.748	100.8	3.1	0.7
1277	9/23/2015 16:16:11	17.34	50.14	32.90	8.02	7.94	4.0	2.804	101.9	3.2	0.7
1278	9/23/2015 16:31:11	17.16	50.13	32.89	8.08	7.94	3.8	2.866	102.2	3.0	0.7
1279	9/23/2015 16:46:11	17.01	49.90	32.73	8.10	7.94	4.2	2.935	102.1	3.2	0.7
1280	9/23/2015 17:01:11	16.86	50.12	32.89	7.98	7.93	3.7	2.991	100.5	2.8	0.7
1281	9/23/2015 17:16:11	16.61	50.10	32.86	7.92	7.93	4.1	3.065	99.1	2.8	0.7
1282	9/23/2015 17:31:11	16.29	50.05	32.82	7.84	7.92	4.3	3.135	97.5	2.8	0.7
1283	9/23/2015 17:46:12	16.11	50.04	32.81	7.77	7.92	3.7	3.196	96.3	2.4	0.6
1284	9/23/2015 18:01:11	15.94	50.02	32.80	7.76	7.92	4.0	3.277	95.8	2.4	0.6
1285	9/23/2015 18:16:11	15.76	50.08	32.84	7.75	7.92	4.1	3.334	95.4	2.5	0.6
1286	9/23/2015 18:31:11	15.42	50.04	32.80	7.73	7.92	4.8	3.401	94.5	3.0	0.7
1287	9/23/2015 18:46:11	15.07	49.96	32.74	7.71	7.91	4.7	3.470	93.5	2.8	0.7
1288	9/23/2015 19:01:11	14.83	50.00	32.75	7.69	7.91	4.9	3.521	92.9	2.7	0.6
1289	9/23/2015 19:16:11	14.45	49.94	32.71	7.75	7.91	4.6	3.576	92.8	2.4	0.6
1290	9/23/2015 19:31:11	14.23	49.90	32.67	7.73	7.91	4.9	3.620	92.3	3.0	0.7
1291	9/23/2015 19:46:11	14.10	50.01	32.75	7.72	7.91	6.9	3.661	91.9	2.6	0.6
1292	9/23/2015 20:01:11	14.08	50.02	32.75	7.71	7.91	4.8	3.687	91.8	2.6	0.6
1293	9/23/2015 20:16:11	14.04	50.03	32.76	7.68	7.91	3.5	3.716	91.4	2.3	0.5
1294	9/23/2015 20:31:11	14.03	49.99	32.73	7.52	7.90	5.9	3.724	89.3	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	Fluorescence %FS
1295	9/23/2015 20:46:11	14.06	49.96	32.71	7.55	7.90	2.4	3.702	89.8	1.6	0.4
1296	9/23/2015 21:01:11	14.03	49.97	32.71	7.56	7.90	2.5	3.690	89.9	2.2	0.5
1297	9/23/2015 21:16:11	14.32	50.02	32.76	7.58	7.91	7.1	3.643	90.6	1.6	0.4
1298	9/23/2015 21:31:11	15.48	50.05	32.81	7.60	7.92	4.7	3.574	93.1	2.1	0.5
1299	9/23/2015 21:46:11	15.86	50.06	32.83	7.49	7.92	84.8	3.505	92.5	2.8	0.7
1300	9/23/2015 22:01:11	15.47	49.99	32.76	7.74	7.93	85.6	3.430	94.7	2.7	0.6
1301	9/23/2015 22:16:11	15.75	49.98	32.76	7.74	7.93	14.7	3.345	95.3	2.8	0.6
1302	9/23/2015 22:31:11	16.00	50.03	32.80	7.69	7.93	36.1	3.247	95.1	2.7	0.6
1303	9/23/2015 22:46:11	16.04	49.94	32.74	7.76	7.93	34.6	3.162	96.0	3.0	0.7
1304	9/23/2015 23:01:11	16.12	50.12	32.87	7.76	7.93	37.5	3.068	96.3	3.2	0.7
1305	9/23/2015 23:16:11	16.34	50.13	32.88	7.75	7.93	68.5	2.980	96.6	2.9	0.7
1306	9/23/2015 23:31:11	16.74	50.10	32.87	7.75	7.93	43.0	2.881	97.3	3.1	0.7
1307	9/23/2015 23:46:12	16.92	50.19	32.94	7.85	7.94	16.6	2.781	98.9	3.2	0.7
1308	9/24/2015 00:01:11	17.14	50.17	32.92	8.08	7.96	36.0	2.680	102.3	3.5	0.8
1309	9/24/2015 00:16:11	17.04	50.14	32.90	7.85	7.94	42.5	2.576	99.1	3.3	0.8
1310	9/24/2015 00:31:12	16.69	50.09	32.86	7.64	7.92	21.8	2.473	95.9	3.6	0.8
1311	9/24/2015 00:46:12	16.85	50.25	32.98	7.67	7.92	12.0	2.378	96.5	3.6	0.8
1312	9/24/2015 01:01:11	16.78	50.08	32.85	7.73	7.92	8.2	2.255	97.1	4.1	1.0
1313	9/24/2015 01:16:11	16.97	50.23	32.97	7.65	7.92	7.8	2.162	96.6	4.0	0.9
1314	9/24/2015 01:31:11	16.98	50.13	32.89	7.73	7.92	6.8	2.060	97.5	3.8	0.9
1315	9/24/2015 01:46:11	17.07	50.23	32.97	7.67	7.92	6.8	1.967	97.0	3.5	0.8
1316	9/24/2015 02:01:12	16.85	50.26	32.99	7.44	7.90	6.5	1.865	93.7	3.5	0.8
1317	9/24/2015 02:16:12	17.04	50.34	33.05	7.52	7.91	7.1	1.812	95.0	3.6	0.8
1318	9/24/2015 02:31:11	17.15	50.33	33.04	7.57	7.91	9.7	1.752	95.8	4.0	0.9
1319	9/24/2015 02:46:11	17.31	50.22	32.96	7.60	7.92	6.5	1.706	96.5	3.8	0.9
1320	9/24/2015 03:01:11	17.51	50.28	33.01	7.64	7.92	6.8	1.684	97.5	4.5	1.1
1321	9/24/2015 03:16:11	17.65	50.23	32.97	7.74	7.93	6.7	1.693	99.0	4.8	1.1
1322	9/24/2015 03:31:12	17.81	50.34	33.06	8.07	7.96	4.7	1.717	103.5	3.8	0.9
1323	9/24/2015 03:46:11	17.70	50.32	33.04	7.98	7.95	4.5	1.756	102.1	5.1	1.2
1324	9/24/2015 04:01:11	17.82	50.31	33.03	8.12	7.96	4.5	1.812	104.2	3.3	0.8
1325	9/24/2015 04:16:11	17.75	50.29	33.02	8.08	7.96	4.7	1.870	103.5	4.2	1.0
1326	9/24/2015 04:31:11	17.70	50.26	32.99	8.01	7.95	4.8	1.960	102.5	4.0	0.9
1327	9/24/2015 04:46:10	17.78	50.24	32.98	7.92	7.95	6.7	2.038	101.5	3.6	0.8
1328	9/24/2015 05:01:11	17.74	50.21	32.96	7.91	7.94	7.0	2.108	101.3	3.8	0.9
1329	9/24/2015 05:16:11	17.62	50.27	33.00	7.91	7.94	6.3	2.192	101.1	3.7	0.9
1330	9/24/2015 05:31:11	17.55	50.20	32.95	7.86	7.94	5.5	2.274	100.3	3.6	0.8
1331	9/24/2015 05:46:11	17.56	50.17	32.93	7.88	7.94	5.4	2.356	100.5	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	Fluorescence %FS
1332	9/24/2015 06:01:11	17.40	50.19	32.94	7.84	7.94	5.2	2.438	99.8	3.5	0.8
1333	9/24/2015 06:16:11	17.20	50.17	32.92	7.73	7.92	4.8	2.518	97.9	3.2	0.8
1334	9/24/2015 06:31:11	17.06	50.16	32.92	7.65	7.92	4.9	2.597	96.6	2.9	0.7
1335	9/24/2015 06:46:11	16.96	50.10	32.87	7.61	7.91	5.9	2.684	95.9	3.2	0.7
1336	9/24/2015 07:01:11	16.78	50.02	32.81	7.58	7.91	6.3	2.763	95.2	2.7	0.6
1337	9/24/2015 07:16:11	16.55	50.11	32.88	7.52	7.90	6.7	2.852	94.0	2.5	0.6
1338	9/24/2015 07:31:11	16.41	50.08	32.85	7.49	7.90	7.5	2.924	93.4	2.4	0.6
1339	9/24/2015 07:46:12	16.29	50.08	32.85	7.46	7.90	7.6	3.003	92.9	2.2	0.5
1340	9/24/2015 08:01:11	16.04	50.07	32.83	7.45	7.90	8.8	3.083	92.3	2.2	0.5
1341	9/24/2015 08:16:11	15.76	50.09	32.84	7.44	7.90	8.9	3.159	91.6	2.9	0.7
1342	9/24/2015 08:31:11	15.48	50.08	32.83	7.45	7.89	8.4	3.231	91.2	2.0	0.5
1343	9/24/2015 08:46:11	15.06	50.00	32.76	7.43	7.89	10.7	3.305	90.2	2.5	0.6
1344	9/24/2015 09:01:11	14.68	49.97	32.74	7.45	7.89	7.5	3.372	89.7	2.8	0.6
1345	9/24/2015 09:16:11	14.48	50.04	32.78	7.45	7.89	7.5	3.432	89.4	2.7	0.6
1346	9/24/2015 09:31:11	14.29	49.97	32.72	7.47	7.89	6.0	3.477	89.2	2.3	0.5
1347	9/24/2015 09:46:11	14.17	50.01	32.75	7.48	7.89	4.5	3.526	89.2	2.6	0.6
1348	9/24/2015 10:01:11	14.17	49.95	32.70	7.32	7.88	2.9	3.536	87.2	4.2	1.0
1349	9/24/2015 10:16:11	14.12	49.96	32.71	7.34	7.88	4.2	3.526	87.4	1.3	0.3
1350	9/24/2015 10:31:11	14.32	49.97	32.72	7.36	7.89	4.2	3.513	88.0	1.6	0.4
1351	9/24/2015 10:46:11	14.30	50.03	32.77	7.34	7.89	4.6	3.462	87.7	1.4	0.3
1352	9/24/2015 11:01:11	14.68	50.02	32.77	7.39	7.89	5.7	3.391	89.0	1.7	0.4
1353	9/24/2015 11:16:11	15.26	49.98	32.75	7.53	7.90	5.5	3.341	91.8	1.6	0.4
1354	9/24/2015 11:31:11	15.45	50.06	32.82	7.73	7.91	4.9	3.260	94.6	2.0	0.5
1355	9/24/2015 11:46:11	15.78	50.03	32.80	7.73	7.92	4.9	3.173	95.2	2.2	0.5
1356	9/24/2015 12:01:11	16.19	50.07	32.84	7.77	7.92	5.1	3.101	96.5	2.0	0.5
1357	9/24/2015 12:16:11	16.53	50.09	32.85	7.77	7.92	5.1	3.018	97.1	1.9	0.4
1358	9/24/2015 12:31:11	16.65	50.14	32.89	7.69	7.92	4.8	2.934	96.4	2.3	0.5
1359	9/24/2015 12:46:11	16.77	50.14	32.90	7.65	7.92	4.7	2.882	96.1	2.2	0.5
1360	9/24/2015 13:01:11	17.06	50.08	32.85	7.77	7.92	4.6	2.799	98.1	2.3	0.5
1361	9/24/2015 13:16:11	17.19	50.16	32.92	7.85	7.93	4.3	2.726	99.4	1.7	0.4
1362	9/24/2015 13:31:11	17.40	50.14	32.90	7.94	7.93	4.5	2.667	101.0	2.3	0.5
1363	9/24/2015 13:46:11	17.49	50.16	32.92	8.04	7.94	4.1	2.612	102.5	2.1	0.5
1364	9/24/2015 14:01:11	17.58	50.16	32.92	8.01	7.94	4.3	2.553	102.2	2.3	0.5
1365	9/24/2015 14:16:11	17.61	50.18	32.94	8.13	7.94	3.7	2.478	103.8	2.7	0.6
1366	9/24/2015 14:31:11	17.70	50.17	32.93	8.15	7.95	3.8	2.427	104.3	2.3	0.5
1367	9/24/2015 14:46:11	17.76	50.13	32.90	8.16	7.95	3.4	2.400	104.5	2.1	0.5
1368	9/24/2015 15:01:11	17.80	50.21	32.96	8.08	7.94	3.5	2.363	103.5	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	Fluorescence %FS
1369	9/24/2015 15:16:11	17.82	50.22	32.97	8.15	7.95	3.5	2.341	104.5	2.1	0.5
1370	9/24/2015 15:31:11	17.85	50.22	32.97	8.18	7.95	3.9	2.345	104.9	2.7	0.6
1371	9/24/2015 15:46:11	17.79	50.14	32.90	8.54	7.97	3.6	2.354	109.4	2.5	0.6
1372	9/24/2015 16:01:11	17.78	50.14	32.91	8.48	7.97	4.2	2.372	108.6	3.3	0.8
1373	9/24/2015 16:16:11	17.82	50.17	32.93	8.39	7.97	4.2	2.425	107.6	3.3	0.8
1374	9/24/2015 16:31:11	17.86	50.18	32.94	8.36	7.96	4.1	2.458	107.2	4.9	1.2
1375	9/24/2015 16:46:11	17.77	50.14	32.90	8.28	7.96	4.3	2.527	106.1	3.6	0.8
1376	9/24/2015 17:01:11	17.71	50.14	32.91	8.27	7.96	4.7	2.607	105.8	3.6	0.8
1377	9/24/2015 17:16:11	17.57	50.15	32.91	8.26	7.95	5.1	2.663	105.3	3.5	0.8
1378	9/24/2015 17:31:11	17.37	50.12	32.89	8.31	7.96	5.2	2.731	105.6	2.7	0.6
1379	9/24/2015 17:46:11	17.26	50.11	32.88	8.24	7.95	4.7	2.817	104.6	2.8	0.7
1380	9/24/2015 18:01:11	17.00	50.09	32.87	8.02	7.93	4.8	2.896	101.2	2.6	0.6
1381	9/24/2015 18:16:11	16.67	50.09	32.86	7.81	7.92	5.2	2.961	97.9	3.0	0.7
1382	9/24/2015 18:31:11	16.44	50.05	32.83	7.74	7.91	5.6	3.036	96.5	3.0	0.7
1383	9/24/2015 18:46:11	16.27	50.09	32.85	7.65	7.91	5.5	3.122	95.2	3.0	0.7
1384	9/24/2015 19:01:12	16.12	50.05	32.82	7.64	7.91	5.9	3.205	94.7	2.4	0.6
1385	9/24/2015 19:16:11	15.76	49.98	32.76	7.55	7.90	6.7	3.282	92.9	3.1	0.7
1386	9/24/2015 19:31:11	15.45	50.00	32.77	7.52	7.90	6.8	3.365	91.9	2.6	0.6
1387	9/24/2015 19:46:11	15.08	49.92	32.71	7.56	7.90	7.4	3.449	91.7	3.4	0.8
1388	9/24/2015 20:01:11	14.54	49.86	32.65	7.65	7.90	6.7	3.528	91.9	2.9	0.7
1389	9/24/2015 20:16:11	14.22	49.90	32.67	7.68	7.90	6.5	3.600	91.7	3.3	0.8
1390	9/24/2015 20:31:11	14.07	49.85	32.63	7.70	7.90	6.3	3.669	91.6	4.2	1.0
1391	9/24/2015 20:46:11	13.76	50.00	32.73	7.72	7.90	7.0	3.724	91.3	2.8	0.7
1392	9/24/2015 21:01:11	13.58	49.84	32.61	7.73	7.90	4.7	3.769	91.0	2.9	0.7
1393	9/24/2015 21:16:11	13.55	49.86	32.62	7.72	7.90	24.8	3.807	90.8	2.5	0.6
1394	9/24/2015 21:31:11	13.48	49.98	32.70	7.69	7.90	3.2	3.821	90.4	2.0	0.5
1395	9/24/2015 21:46:11	13.56	49.92	32.66	7.64	7.89	3.8	3.813	89.9	2.5	0.6
1396	9/24/2015 22:01:10	13.66	49.74	32.54	7.58	7.89	3.2	3.796	89.3	2.0	0.5
1397	9/24/2015 22:16:11	13.63	49.88	32.63	7.61	7.90	3.8	3.737	89.6	1.9	0.5
1398	9/24/2015 22:31:11	14.70	49.90	32.68	7.43	7.90	5.1	3.670	89.5	2.2	0.5
1399	9/24/2015 22:46:11	15.19	50.00	32.77	7.46	7.90	6.9	3.591	90.8	2.7	0.6
1400	9/24/2015 23:01:11	14.49	49.84	32.64	7.58	7.90	5.2	3.498	90.9	2.7	0.6
1401	9/24/2015 23:16:11	15.24	49.93	32.72	7.56	7.91	6.6	3.387	92.1	3.0	0.7
1402	9/24/2015 23:31:11	15.64	50.00	32.77	7.67	7.92	6.8	3.291	94.1	2.8	0.7
1403	9/24/2015 23:46:11	15.78	50.00	32.78	7.65	7.92	6.1	3.197	94.2	2.9	0.7
1404	9/25/2015 00:01:11	15.76	49.86	32.68	7.58	7.91	6.9	3.079	93.2	2.2	0.5
1405	9/25/2015 00:16:11	16.00	49.98	32.77	7.57	7.91	6.8	2.973	93.7	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	Fluorescence %FS
1406	9/25/2015 00:31:11	16.39	49.94	32.75	7.55	7.91	6.9	2.873	94.1	2.8	0.7
1407	9/25/2015 00:46:11	16.84	50.08	32.85	7.60	7.92	7.0	2.765	95.6	2.9	0.7
1408	9/25/2015 01:01:12	16.81	50.11	32.88	7.59	7.92	7.9	2.645	95.4	3.1	0.7
1409	9/25/2015 01:16:11	16.73	50.08	32.85	7.54	7.91	7.4	2.519	94.6	3.2	0.7
1410	9/25/2015 01:31:11	16.54	50.04	32.82	7.53	7.91	9.5	2.411	94.1	2.7	0.6
1411	9/25/2015 01:46:11	16.78	50.06	32.84	7.56	7.92	8.6	2.294	94.9	3.4	0.8
1412	9/25/2015 02:01:11	16.66	50.19	32.93	7.52	7.91	10.9	2.161	94.3	3.1	0.7
1413	9/25/2015 02:16:11	16.96	50.16	32.92	7.66	7.93	8.3	2.048	96.6	3.5	0.8
1414	9/25/2015 02:31:11	17.11	50.14	32.90	7.65	7.93	7.7	1.942	96.7	3.3	0.8
1415	9/25/2015 02:46:11	17.17	49.97	32.78	7.57	7.92	7.8	1.837	95.8	3.4	0.8
1416	9/25/2015 03:01:11	17.11	50.21	32.95	7.53	7.92	7.4	1.733	95.3	3.0	0.7
1417	9/25/2015 03:16:11	17.25	50.21	32.95	7.58	7.92	6.7	1.662	96.1	3.2	0.8
1418	9/25/2015 03:31:11	17.35	50.22	32.96	7.55	7.92	7.9	1.616	95.9	2.9	0.7
1419	9/25/2015 03:46:11	17.49	50.23	32.97	7.55	7.92	6.9	1.568	96.3	3.9	0.9
1420	9/25/2015 04:01:11	17.66	50.20	32.95	7.74	7.94	6.0	1.561	99.0	3.5	0.8
1421	9/25/2015 04:16:11	17.88	50.22	32.96	7.96	7.95	5.5	1.570	102.1	3.2	0.7
1422	9/25/2015 04:31:11	17.93	50.10	32.88	8.11	7.97	5.0	1.641	104.2	3.6	0.8
1423	9/25/2015 04:46:11	17.95	50.13	32.90	8.12	7.97	5.1	1.693	104.4	3.1	0.7
1424	9/25/2015 05:01:11	17.88	50.26	33.00	8.09	7.97	5.1	1.750	103.9	2.8	0.7
1425	9/25/2015 05:16:11	17.78	50.13	32.90	8.02	7.96	5.7	1.852	102.7	3.4	0.8
1426	9/25/2015 05:31:11	17.83	50.14	32.90	7.92	7.96	6.3	1.942	101.6	3.5	0.8
1427	9/25/2015 05:46:11	17.79	50.07	32.86	7.82	7.95	7.6	2.031	100.2	3.6	0.8
1428	9/25/2015 06:01:11	17.67	50.13	32.90	7.82	7.94	6.3	2.103	100.0	3.4	0.8
1429	9/25/2015 06:16:11	17.56	50.17	32.93	7.78	7.94	5.7	2.209	99.3	3.1	0.7
1430	9/25/2015 06:31:11	17.60	50.09	32.87	7.81	7.94	6.0	2.305	99.6	3.1	0.7
1431	9/25/2015 06:46:11	17.50	50.01	32.81	7.75	7.93	6.1	2.388	98.7	3.3	0.8
1432	9/25/2015 07:01:11	17.22	50.07	32.85	7.64	7.92	5.9	2.480	96.8	2.8	0.6
1433	9/25/2015 07:16:12	17.07	49.86	32.69	7.55	7.91	6.0	2.591	95.3	2.3	0.5
1434	9/25/2015 07:31:12	16.89	50.02	32.81	7.49	7.91	7.7	2.682	94.2	2.0	0.5
1435	9/25/2015 07:46:11	16.68	49.79	32.64	7.42	7.90	7.9	2.761	92.9	2.5	0.6
1436	9/25/2015 08:01:11	16.46	50.07	32.84	7.44	7.90	8.7	2.869	92.8	2.4	0.6
Mean		16.34	50.11	32.86	7.60	7.89	6.24	2.82	94.62	2.77	0.65
Minimum		12.63	49.57	32.43	6.35	7.76	1.60	1.56	79.40	1.10	0.20
Maximum		19.76	50.46	33.11	9.63	8.03	85.60	3.82	114.80	8.30	2.00

Parameter	Criteria	Source

sonde #3

Indian Island Long-Term Deployment Water Quality Data

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

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 #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
0	9/25/2015 08:15:51	16.30	49.49	32.42	7.34	8.16	9.6	2.863	91.0	2.8	0.7
1	9/25/2015 08:30:52	15.98	49.47	32.40	7.19	8.18	9.2	2.944	88.6	3.4	0.8
2	9/25/2015 08:45:52	15.59	49.41	32.34	7.04	8.18	11.4	3.042	86.2	3.0	0.7
3	9/25/2015 09:00:52	15.17	49.40	32.33	7.00	8.19	11.2	3.134	84.9	3.3	0.8
4	9/25/2015 09:15:51	14.66	49.44	32.35	7.04	8.20	12.5	3.227	84.5	2.6	0.6
5	9/25/2015 09:30:52	14.35	49.50	32.38	7.13	8.21	12.2	3.307	85.2	3.2	0.8
6	9/25/2015 09:45:51	14.00	49.44	32.33	7.24	8.22	11.5	3.389	85.7	3.0	0.7
7	9/25/2015 10:00:51	13.67	49.45	32.32	7.36	8.23	8.3	3.464	86.6	2.3	0.5
8	9/25/2015 10:15:51	13.53	49.50	32.35	7.32	8.24	7.1	3.518	85.9	2.4	0.6
9	9/25/2015 10:30:51	13.23	49.52	32.36	7.35	8.24	5.0	3.555	85.7	1.8	0.4
10	9/25/2015 10:45:51	13.09	49.50	32.34	7.28	8.24	2.7	3.587	84.7	2.9	0.7
11	9/25/2015 11:00:51	13.30	49.53	32.37	7.09	8.24	3.8	3.597	82.9	2.3	0.6
12	9/25/2015 11:15:52	13.23	49.53	32.37	6.73	8.24	4.3	3.570	78.5	2.9	0.7
13	9/25/2015 11:30:52	13.33	49.52	32.37	6.82	8.24	5.1	3.518	79.7	2.0	0.5
14	9/25/2015 11:45:51	13.80	49.53	32.39	6.87	8.24	6.9	3.459	81.1	2.6	0.6
15	9/25/2015 12:00:51	14.35	49.50	32.38	7.08	8.25	8.2	3.381	84.5	1.8	0.4
16	9/25/2015 12:15:52	14.60	49.49	32.38	7.43	8.27	5.7	3.279	89.1	2.1	0.5
17	9/25/2015 12:30:52	15.01	49.53	32.42	7.29	8.25	5.5	3.185	88.2	2.5	0.6
18	9/25/2015 12:45:51	15.80	49.54	32.45	7.29	8.25	7.1	3.091	89.6	3.3	0.8
19	9/25/2015 13:00:52	16.07	49.51	32.42	7.37	8.24	6.7	3.000	91.0	2.9	0.7
20	9/25/2015 13:15:52	16.44	49.57	32.48	7.46	8.25	5.4	2.898	92.9	2.1	0.5
21	9/25/2015 13:30:52	16.79	49.62	32.52	7.53	8.25	6.0	2.811	94.5	3.1	0.7
22	9/25/2015 13:45:52	16.94	49.66	32.55	7.59	8.24	5.6	2.727	95.5	3.0	0.7
23	9/25/2015 14:00:52	17.22	49.64	32.53	7.71	8.25	5.6	2.630	97.5	2.4	0.6
24	9/25/2015 14:15:52	17.30	49.65	32.55	7.72	8.25	5.0	2.538	97.7	2.8	0.7
25	9/25/2015 14:30:52	17.50	49.65	32.54	7.85	8.25	5.4	2.455	99.8	3.0	0.7
26	9/25/2015 14:45:52	17.45	49.63	32.53	7.95	8.25	5.2	2.370	101.0	2.8	0.7
27	9/25/2015 15:00:51	17.51	49.58	32.50	8.06	8.26	4.8	2.287	102.5	3.6	0.9
28	9/25/2015 15:15:52	17.60	49.64	32.54	8.29	8.27	5.5	2.201	105.6	2.5	0.6
29	9/25/2015 15:30:52	17.57	49.61	32.52	8.56	8.29	4.6	2.150	109.0	2.3	0.6
30	9/25/2015 15:45:52	17.71	49.65	32.55	8.38	8.28	4.2	2.088	106.9	3.4	0.8
31	9/25/2015 16:00:52	17.76	49.64	32.54	9.14	8.32	4.5	2.048	116.8	2.6	0.6
32	9/25/2015 16:15:52	18.11	49.68	32.57	8.84	8.30	3.7	2.034	113.7	4.2	1.0
33	9/25/2015 16:30:52	17.61	49.60	32.51	9.02	8.30	5.3	2.018	114.9	2.9	0.7
34	9/25/2015 16:45:52	17.97	49.65	32.55	8.71	8.29	4.2	2.043	111.7	3.1	0.7
35	9/25/2015 17:00:52	17.98	49.67	32.56	8.57	8.28	4.2	2.088	110.0	4.0	1.0
36	9/25/2015 17:15:52	18.29	49.70	32.59	8.43	8.27	4.3	2.139	108.8	4.6	1.1

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
37	9/25/2015 17:30:52	18.16	49.73	32.61	8.41	8.26	4.6	2.203	108.3	4.1	1.0
38	9/25/2015 17:45:52	18.31	49.72	32.60	8.39	8.26	6.2	2.282	108.4	4.7	1.1
39	9/25/2015 18:00:52	18.12	49.66	32.56	8.32	8.25	7.2	2.387	107.1	3.6	0.8
40	9/25/2015 18:15:52	17.82	49.69	32.58	8.17	8.24	7.0	2.459	104.6	3.0	0.7
41	9/25/2015 18:30:52	17.67	49.67	32.56	8.14	8.23	5.1	2.546	103.9	3.9	0.9
42	9/25/2015 18:45:52	17.24	49.65	32.54	7.89	8.21	6.5	2.633	99.8	3.9	0.9
43	9/25/2015 19:00:52	16.91	49.64	32.54	7.66	8.20	6.3	2.722	96.2	3.6	0.8
44	9/25/2015 19:15:52	16.74	49.58	32.49	7.56	8.20	7.3	2.809	94.7	3.7	0.9
45	9/25/2015 19:30:52	16.47	49.63	32.52	7.49	8.19	7.4	2.886	93.3	4.0	0.9
46	9/25/2015 19:45:52	16.20	49.53	32.44	7.44	8.19	6.9	2.988	92.3	3.5	0.8
47	9/25/2015 20:00:52	15.88	49.57	32.46	7.40	8.19	8.3	3.077	91.2	2.6	0.6
48	9/25/2015 20:15:52	15.62	49.59	32.47	7.40	8.20	8.7	3.176	90.7	2.8	0.7
49	9/25/2015 20:30:52	15.19	49.53	32.42	7.42	8.20	8.0	3.279	90.1	3.8	0.9
50	9/25/2015 20:45:52	14.71	49.52	32.40	7.38	8.20	9.3	3.370	88.8	3.2	0.8
51	9/25/2015 21:00:52	14.41	49.56	32.43	7.35	8.20	11.1	3.475	87.9	3.1	0.7
52	9/25/2015 21:15:52	13.76	49.58	32.42	7.37	8.20	10.1	3.564	87.0	3.4	0.8
53	9/25/2015 21:30:52	13.57	49.58	32.42	7.37	8.21	11.0	3.639	86.6	4.1	1.0
54	9/25/2015 21:45:52	13.31	49.57	32.40	7.41	8.22	6.5	3.717	86.6	2.1	0.5
55	9/25/2015 22:00:52	13.14	49.59	32.41	7.53	8.22	4.8	3.779	87.8	3.7	0.9
56	9/25/2015 22:15:52	13.00	49.61	32.41	7.46	8.22	3.8	3.814	86.6	4.5	1.1
57	9/25/2015 22:30:52	12.95	49.60	32.41	7.36	8.22	3.0	3.837	85.4	2.1	0.5
58	9/25/2015 22:45:52	13.08	49.64	32.44	7.19	8.22	2.9	3.844	83.7	2.3	0.5
59	9/25/2015 23:00:52	13.02	49.58	32.39	6.99	8.22	4.0	3.826	81.2	2.2	0.5
60	9/25/2015 23:15:52	13.07	49.60	32.41	6.99	8.22	3.2	3.768	81.4	2.2	0.5
61	9/25/2015 23:30:52	13.46	49.60	32.42	7.00	8.22	5.6	3.697	82.1	2.5	0.6
62	9/25/2015 23:45:52	13.82	49.60	32.44	7.05	8.22	7.7	3.604	83.3	2.4	0.6
63	9/26/2015 00:00:52	13.44	49.57	32.40	7.07	8.21	6.5	3.515	82.9	3.2	0.8
64	9/26/2015 00:15:52	14.95	49.59	32.46	7.04	8.22	6.9	3.403	85.1	3.2	0.8
65	9/26/2015 00:30:52	15.04	49.62	32.49	7.13	8.21	8.2	3.279	86.3	3.1	0.7
66	9/26/2015 00:45:52	15.09	49.56	32.44	7.13	8.21	7.7	3.162	86.5	2.6	0.6
67	9/26/2015 01:00:52	15.21	49.57	32.45	7.15	8.20	7.6	3.053	86.9	2.9	0.7
68	9/26/2015 01:15:52	15.67	49.66	32.53	7.14	8.20	6.9	2.935	87.6	3.2	0.8
69	9/26/2015 01:30:52	16.06	49.67	32.54	7.16	8.20	7.6	2.812	88.5	2.4	0.6
70	9/26/2015 01:45:52	16.37	49.66	32.54	7.11	8.19	7.8	2.684	88.4	3.0	0.7
71	9/26/2015 02:00:52	16.22	49.64	32.52	7.10	8.19	7.3	2.567	88.1	3.1	0.7
72	9/26/2015 02:15:52	15.79	49.63	32.51	7.13	8.19	9.5	2.444	87.7	2.9	0.7
73	9/26/2015 02:30:52	16.05	49.60	32.49	7.07	8.18	8.2	2.310	87.3	2.7	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
74	9/26/2015 02:45:52	16.53	49.65	32.54	7.16	8.19	8.7	2.168	89.4	3.0	0.7
75	9/26/2015 03:00:52	16.64	49.66	32.54	7.15	8.19	8.2	2.055	89.4	2.6	0.6
76	9/26/2015 03:15:52	16.78	49.68	32.56	7.19	8.19	8.6	1.927	90.2	3.4	0.8
77	9/26/2015 03:30:52	16.89	49.68	32.56	7.16	8.18	7.8	1.802	90.0	3.1	0.7
78	9/26/2015 03:45:52	16.98	49.71	32.58	7.15	8.18	7.5	1.698	90.1	3.0	0.7
79	9/26/2015 04:00:52	17.10	49.72	32.60	7.12	8.17	7.1	1.593	89.8	3.2	0.8
80	9/26/2015 04:15:53	17.35	49.75	32.62	7.18	8.18	7.9	1.529	91.1	2.8	0.7
81	9/26/2015 04:30:52	17.27	49.74	32.61	7.12	8.17	7.6	1.458	90.2	3.3	0.8
82	9/26/2015 04:45:52	17.66	49.76	32.63	7.21	8.18	5.9	1.436	92.0	3.9	0.9
83	9/26/2015 05:00:52	17.87	49.78	32.64	7.26	8.19	5.9	1.467	93.0	4.1	1.0
84	9/26/2015 05:15:52	17.98	49.80	32.66	7.50	8.20	5.6	1.478	96.3	3.1	0.7
85	9/26/2015 05:30:51	17.84	49.72	32.60	7.40	8.19	5.4	1.541	94.7	2.8	0.7
86	9/26/2015 05:45:52	18.02	49.82	32.67	7.51	8.20	5.2	1.635	96.4	3.6	0.8
87	9/26/2015 06:00:52	17.92	49.78	32.64	7.48	8.19	5.6	1.725	95.9	3.1	0.7
88	9/26/2015 06:15:52	17.88	49.78	32.65	7.39	8.18	6.7	1.830	94.7	3.6	0.9
89	9/26/2015 06:30:52	17.88	49.77	32.63	7.31	8.17	7.8	1.932	93.7	3.1	0.7
90	9/26/2015 06:45:52	17.70	49.78	32.64	7.28	8.17	7.1	2.022	93.0	4.4	1.0
91	9/26/2015 07:00:52	17.58	49.70	32.58	7.29	8.17	6.4	2.131	92.8	3.1	0.7
92	9/26/2015 07:15:52	17.55	49.73	32.61	7.29	8.17	6.3	2.232	92.8	2.7	0.6
93	9/26/2015 07:30:52	17.32	49.73	32.60	7.31	8.16	6.7	2.326	92.7	3.3	0.8
94	9/26/2015 07:45:52	17.06	49.72	32.59	7.24	8.16	6.6	2.439	91.3	2.8	0.7
95	9/26/2015 08:00:52	16.87	49.64	32.53	7.25	8.15	7.8	2.545	91.0	3.7	0.9
96	9/26/2015 08:15:52	16.63	49.61	32.51	7.23	8.15	9.3	2.645	90.4	2.1	0.5
97	9/26/2015 08:30:52	16.42	49.68	32.55	7.23	8.15	8.5	2.746	90.0	2.8	0.7
98	9/26/2015 08:45:52	16.31	49.66	32.54	7.22	8.15	11.6	2.853	89.6	2.6	0.6
99	9/26/2015 09:00:52	16.00	49.63	32.51	7.17	8.15	15.4	2.958	88.6	3.1	0.7
100	9/26/2015 09:15:52	15.53	49.59	32.47	7.14	8.15	13.0	3.059	87.3	2.1	0.5
101	9/26/2015 09:30:52	14.99	49.62	32.48	7.09	8.15	14.3	3.161	85.8	2.2	0.5
102	9/26/2015 09:45:52	14.51	49.58	32.44	7.08	8.15	14.3	3.266	84.8	3.0	0.7
103	9/26/2015 10:00:52	14.18	49.60	32.45	7.10	8.16	12.4	3.369	84.5	3.4	0.8
104	9/26/2015 10:15:52	13.88	49.55	32.40	7.11	8.17	10.9	3.466	84.1	3.0	0.7
105	9/26/2015 10:30:52	13.59	49.62	32.44	7.20	8.17	12.5	3.560	84.6	2.8	0.7
106	9/26/2015 10:45:52	13.18	49.60	32.42	7.30	8.18	9.9	3.642	85.1	2.4	0.6
107	9/26/2015 11:00:52	12.93	49.62	32.42	7.36	8.19	8.2	3.706	85.4	2.4	0.6
108	9/26/2015 11:15:52	12.82	49.54	32.36	7.35	8.19	5.9	3.751	85.0	2.6	0.6
109	9/26/2015 11:30:52	12.73	49.63	32.42	7.30	8.20	3.8	3.777	84.3	2.4	0.6
110	9/26/2015 11:45:52	13.07	49.65	32.45	6.48	8.19	4.1	3.772	75.4	4.3	1.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
111	9/26/2015 12:00:52	12.81	49.63	32.42	7.23	8.19	3.9	3.745	83.7	2.4	0.6
112	9/26/2015 12:15:52	13.01	49.62	32.42	7.22	8.19	4.5	3.689	83.8	2.3	0.5
113	9/26/2015 12:30:52	13.50	49.66	32.47	7.25	8.19	7.1	3.599	85.1	1.8	0.4
114	9/26/2015 12:45:52	13.75	49.64	32.47	7.57	8.21	6.5	3.506	89.3	3.6	0.9
115	9/26/2015 13:00:52	13.84	49.51	32.37	7.60	8.21	5.4	3.404	89.7	2.3	0.5
116	9/26/2015 13:15:52	14.92	49.60	32.47	7.38	8.20	8.2	3.281	89.1	2.1	0.5
117	9/26/2015 13:30:52	15.00	49.62	32.49	7.35	8.19	10.0	3.170	89.0	3.8	0.9
118	9/26/2015 13:45:52	15.22	49.64	32.50	7.39	8.19	7.0	3.059	89.8	3.4	0.8
119	9/26/2015 14:00:52	15.62	49.66	32.52	7.40	8.18	8.1	2.945	90.7	3.1	0.7
120	9/26/2015 14:15:52	16.17	49.69	32.56	7.49	8.19	8.0	2.835	92.8	2.7	0.6
121	9/26/2015 14:30:53	16.56	49.69	32.57	7.49	8.19	6.2	2.717	93.5	2.4	0.6
122	9/26/2015 14:45:52	16.53	49.63	32.52	7.55	8.19	6.3	2.605	94.2	2.2	0.5
123	9/26/2015 15:00:52	16.67	49.68	32.56	7.66	8.19	6.7	2.500	95.9	3.1	0.7
124	9/26/2015 15:15:52	16.58	49.65	32.54	7.94	8.21	5.7	2.386	99.2	2.7	0.6
125	9/26/2015 15:30:52	16.81	49.67	32.55	7.98	8.21	6.0	2.275	100.1	2.8	0.7
126	9/26/2015 15:45:52	17.05	49.68	32.56	8.12	8.22	5.8	2.180	102.4	3.6	0.8
127	9/26/2015 16:00:52	17.23	49.70	32.58	8.17	8.22	5.9	2.077	103.3	2.4	0.6
128	9/26/2015 16:15:52	17.37	49.70	32.58	8.26	8.23	5.2	1.991	104.8	2.3	0.5
129	9/26/2015 16:30:52	17.46	49.70	32.58	8.18	8.22	5.4	1.904	103.9	3.1	0.7
130	9/26/2015 16:45:52	17.62	49.70	32.59	8.39	8.24	4.9	1.852	107.0	2.9	0.7
131	9/26/2015 17:00:52	17.73	49.74	32.61	8.10	8.22	4.5	1.811	103.5	2.9	0.7
132	9/26/2015 17:15:52	17.77	49.71	32.59	8.22	8.23	3.7	1.786	105.1	2.7	0.6
133	9/26/2015 17:30:52	17.46	49.61	32.51	8.77	8.25	4.7	1.799	111.4	3.3	0.8
134	9/26/2015 17:45:52	18.12	49.76	32.63	8.27	8.23	4.8	1.839	106.4	3.8	0.9
135	9/26/2015 18:00:52	17.95	49.70	32.59	8.09	8.21	4.4	1.890	103.8	3.6	0.8
136	9/26/2015 18:15:52	18.21	49.79	32.65	8.14	8.21	4.8	1.968	105.0	4.5	1.1
137	9/26/2015 18:30:52	18.02	49.73	32.60	8.03	8.20	5.3	2.075	103.2	3.5	0.8
138	9/26/2015 18:45:52	18.22	49.77	32.64	8.06	8.19	8.4	2.169	103.9	3.7	0.9
139	9/26/2015 19:00:52	17.79	49.74	32.61	8.03	8.18	6.9	2.268	102.7	3.4	0.8
140	9/26/2015 19:15:52	17.65	49.73	32.61	8.03	8.18	5.9	2.368	102.4	3.2	0.8
141	9/26/2015 19:30:52	17.27	49.68	32.57	7.86	8.17	7.6	2.471	99.5	2.9	0.7
142	9/26/2015 19:45:52	16.92	49.69	32.57	7.66	8.16	7.6	2.569	96.3	3.3	0.8
143	9/26/2015 20:00:53	16.72	49.69	32.56	7.57	8.15	7.4	2.659	94.8	4.1	1.0
144	9/26/2015 20:15:52	16.48	49.65	32.54	7.53	8.15	7.6	2.760	93.8	3.3	0.8
145	9/26/2015 20:30:52	16.18	49.67	32.54	7.50	8.15	8.7	2.859	93.0	2.8	0.7
146	9/26/2015 20:45:52	15.96	49.63	32.51	7.50	8.15	10.1	2.955	92.5	3.6	0.9
147	9/26/2015 21:00:52	15.76	49.65	32.52	7.49	8.15	10.3	3.056	92.1	3.3	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
148	9/26/2015 21:15:52	15.30	49.61	32.48	7.57	8.16	9.8	3.164	92.2	2.9	0.7
149	9/26/2015 21:30:52	14.76	49.62	32.48	7.55	8.16	10.3	3.269	91.0	3.8	0.9
150	9/26/2015 21:45:52	14.28	49.60	32.45	7.58	8.16	11.5	3.371	90.4	3.1	0.7
151	9/26/2015 22:00:52	13.92	49.53	32.39	7.60	8.17	11.2	3.480	90.0	3.4	0.8
152	9/26/2015 22:15:52	13.58	49.61	32.44	7.59	8.17	8.9	3.582	89.3	2.6	0.6
153	9/26/2015 22:30:52	13.45	49.62	32.44	7.57	8.18	8.5	3.669	88.7	3.2	0.8
154	9/26/2015 22:45:52	13.31	49.59	32.41	7.59	8.18	7.8	3.747	88.7	2.9	0.7
155	9/26/2015 23:00:52	13.12	49.65	32.45	7.62	8.19	8.5	3.807	88.8	3.8	0.9
156	9/26/2015 23:15:52	12.96	49.63	32.43	7.72	8.19	6.1	3.857	89.6	3.1	0.7
157	9/26/2015 23:30:52	12.77	49.65	32.43	7.78	8.19	4.9	3.885	90.0	2.8	0.7
158	9/26/2015 23:45:52	13.48	49.50	32.35	7.61	8.19	3.2	3.883	89.2	3.8	0.9
159	9/27/2015 00:00:52	12.99	49.63	32.43	7.60	8.18	3.6	3.861	88.3	2.5	0.6
160	9/27/2015 00:15:52	13.37	49.64	32.45	7.49	8.18	6.4	3.821	87.7	2.0	0.5
161	9/27/2015 00:30:52	13.53	49.61	32.44	7.53	8.18	5.6	3.731	88.4	2.1	0.5
162	9/27/2015 00:45:52	13.30	49.53	32.37	7.56	8.18	6.9	3.632	88.3	2.6	0.6
163	9/27/2015 01:00:52	13.45	49.59	32.42	7.62	8.18	5.7	3.533	89.3	2.2	0.5
164	9/27/2015 01:15:53	14.22	49.65	32.49	7.48	8.18	6.6	3.406	89.2	2.6	0.6
165	9/27/2015 01:30:52	14.35	49.65	32.49	7.59	8.18	9.3	3.283	90.6	3.3	0.8
166	9/27/2015 01:45:52	14.36	49.63	32.48	7.58	8.18	9.4	3.145	90.5	2.8	0.7
167	9/27/2015 02:00:52	14.62	49.64	32.49	7.51	8.17	8.8	3.027	90.3	1.8	0.4
168	9/27/2015 02:15:52	15.12	49.65	32.51	7.40	8.16	8.4	2.906	89.8	2.8	0.7
169	9/27/2015 02:30:53	15.33	49.65	32.51	7.43	8.16	7.0	2.771	90.5	3.3	0.8
170	9/27/2015 02:45:52	15.74	49.69	32.55	7.33	8.16	8.6	2.641	90.0	2.6	0.6
171	9/27/2015 03:00:53	15.22	49.68	32.53	7.37	8.15	8.9	2.505	89.6	2.2	0.5
172	9/27/2015 03:15:53	15.84	49.67	32.54	7.35	8.16	10.7	2.365	90.4	2.9	0.7
173	9/27/2015 03:30:52	15.54	49.73	32.58	7.20	8.14	8.7	2.240	88.1	3.0	0.7
174	9/27/2015 03:45:53	15.65	49.70	32.55	7.34	8.15	8.9	2.121	90.1	2.1	0.5
175	9/27/2015 04:00:53	15.90	49.71	32.57	7.32	8.15	9.9	1.991	90.2	2.9	0.7
176	9/27/2015 04:15:53	16.10	49.71	32.57	7.25	8.14	9.0	1.853	89.8	2.5	0.6
177	9/27/2015 04:30:52	16.11	49.71	32.57	7.24	8.14	8.1	1.747	89.6	3.0	0.7
178	9/27/2015 04:45:52	16.28	49.69	32.56	7.19	8.13	8.1	1.634	89.3	2.8	0.7
179	9/27/2015 05:00:52	16.50	49.73	32.59	7.16	8.13	8.6	1.542	89.4	2.7	0.6
180	9/27/2015 05:15:52	16.75	49.78	32.63	7.17	8.14	6.7	1.485	89.9	2.8	0.7
181	9/27/2015 05:30:53	16.79	49.75	32.61	7.10	8.13	6.3	1.449	89.1	3.5	0.8
182	9/27/2015 05:45:52	17.02	49.79	32.65	7.20	8.15	4.6	1.443	90.7	3.0	0.7
183	9/27/2015 06:00:52	17.06	49.87	32.70	7.27	8.15	5.9	1.482	91.8	3.2	0.8
184	9/27/2015 06:15:53	17.06	49.79	32.64	7.27	8.15	5.9	1.534	91.8	2.7	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
185	9/27/2015 06:30:52	17.30	49.81	32.66	7.36	8.16	5.4	1.618	93.2	2.8	0.7
186	9/27/2015 06:45:53	17.18	49.78	32.64	7.30	8.15	5.9	1.717	92.3	3.2	0.8
187	9/27/2015 07:00:53	17.08	49.81	32.66	7.29	8.14	6.2	1.832	91.9	3.0	0.7
188	9/27/2015 07:15:52	16.89	49.77	32.63	7.25	8.14	6.3	1.951	91.2	3.3	0.8
189	9/27/2015 07:30:53	16.68	49.79	32.64	7.24	8.13	6.8	2.058	90.7	3.0	0.7
190	9/27/2015 07:45:53	16.71	49.78	32.63	7.23	8.13	6.1	2.173	90.6	2.1	0.5
191	9/27/2015 08:00:53	16.66	49.77	32.62	7.22	8.13	6.8	2.289	90.4	2.3	0.5
192	9/27/2015 08:15:53	16.34	49.74	32.60	7.24	8.13	6.5	2.396	90.0	2.0	0.5
193	9/27/2015 08:30:53	16.22	49.73	32.59	7.19	8.13	8.3	2.511	89.2	3.4	0.8
194	9/27/2015 08:45:53	16.06	49.71	32.57	7.23	8.13	9.1	2.615	89.4	2.2	0.5
195	9/27/2015 09:00:52	15.84	49.66	32.53	7.20	8.13	10.1	2.719	88.7	3.2	0.8
196	9/27/2015 09:15:52	15.70	49.70	32.56	7.17	8.13	11.9	2.834	88.0	2.7	0.6
197	9/27/2015 09:30:52	15.28	49.63	32.50	7.23	8.13	13.3	2.937	88.0	2.8	0.7
198	9/27/2015 09:45:52	14.75	49.61	32.47	7.30	8.13	12.7	3.054	87.9	3.0	0.7
199	9/27/2015 10:00:52	14.33	49.63	32.48	7.31	8.14	12.7	3.165	87.3	2.9	0.7
200	9/27/2015 10:15:52	13.86	49.63	32.46	7.35	8.14	12.3	3.285	87.0	3.3	0.8
201	9/27/2015 10:30:52	13.56	49.66	32.47	7.33	8.15	12.8	3.403	86.2	3.2	0.8
202	9/27/2015 10:45:52	13.29	49.68	32.48	7.36	8.16	11.5	3.512	86.0	2.3	0.5
203	9/27/2015 11:00:52	12.90	49.66	32.44	7.38	8.16	13.7	3.615	85.6	4.0	0.9
204	9/27/2015 11:15:52	12.51	49.65	32.42	7.45	8.16	10.8	3.707	85.7	3.9	0.9
205	9/27/2015 11:30:52	12.25	49.65	32.42	7.54	8.17	7.7	3.789	86.2	4.8	1.1
206	9/27/2015 11:45:52	12.17	49.67	32.42	7.52	8.18	7.0	3.842	85.9	5.6	1.3
207	9/27/2015 12:00:52	12.09	49.67	32.42	7.56	8.18	3.4	3.888	86.1	3.2	0.8
208	9/27/2015 12:15:52	12.07	49.61	32.38	7.53	8.18	2.6	3.908	85.7	1.9	0.4
209	9/27/2015 12:30:52	12.22	49.70	32.45	7.47	8.17	3.5	3.890	85.4	3.4	0.8
210	9/27/2015 12:45:52	12.42	49.67	32.43	7.45	8.17	5.1	3.850	85.5	3.4	0.8
211	9/27/2015 13:00:52	12.31	49.67	32.43	7.45	8.17	5.6	3.777	85.3	3.6	0.8
212	9/27/2015 13:15:52	12.73	49.65	32.43	7.50	8.18	6.5	3.682	86.6	1.8	0.4
213	9/27/2015 13:30:53	12.84	49.65	32.44	7.76	8.19	4.9	3.576	89.9	3.2	0.8
214	9/27/2015 13:45:52	13.60	49.59	32.42	7.66	8.19	6.5	3.460	90.0	2.1	0.5
215	9/27/2015 14:00:52	14.38	49.66	32.49	7.57	8.19	8.4	3.332	90.5	2.7	0.6
216	9/27/2015 14:15:52	14.36	49.62	32.47	7.56	8.18	9.5	3.196	90.3	2.6	0.6
217	9/27/2015 14:30:53	14.59	49.65	32.50	7.56	8.18	9.5	3.083	90.8	2.7	0.7
218	9/27/2015 14:45:52	15.02	49.62	32.49	7.60	8.18	7.6	2.960	92.0	2.9	0.7
219	9/27/2015 15:00:52	15.43	49.62	32.49	7.72	8.19	8.1	2.832	94.2	3.2	0.8
220	9/27/2015 15:15:53	16.04	49.69	32.56	7.80	8.20	7.5	2.695	96.4	2.6	0.6
221	9/27/2015 15:30:52	15.99	49.63	32.51	7.79	8.19	7.3	2.570	96.2	2.5	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
222	9/27/2015 15:45:52	16.00	49.66	32.53	7.93	8.20	7.0	2.456	97.9	3.3	0.8
223	9/27/2015 16:00:53	16.32	49.64	32.52	7.96	8.20	8.1	2.313	98.9	2.6	0.6
224	9/27/2015 16:15:52	16.46	49.67	32.55	7.97	8.20	8.4	2.188	99.3	2.6	0.6
225	9/27/2015 16:30:52	16.66	49.71	32.58	8.09	8.21	7.9	2.071	101.2	2.3	0.5
226	9/27/2015 16:45:53	16.83	49.69	32.57	8.13	8.21	7.4	1.937	102.1	2.7	0.6
227	9/27/2015 17:00:52	16.85	49.67	32.55	8.15	8.21	8.4	1.836	102.3	2.8	0.7
228	9/27/2015 17:15:52	17.05	49.71	32.58	8.16	8.21	7.4	1.724	102.8	2.7	0.6
229	9/27/2015 17:30:52	17.13	49.72	32.59	8.13	8.20	6.8	1.643	102.7	2.8	0.7
230	9/27/2015 17:45:52	17.12	49.70	32.58	8.19	8.21	6.3	1.600	103.4	2.8	0.7
231	9/27/2015 18:00:52	17.22	49.74	32.61	8.00	8.20	5.3	1.558	101.2	3.0	0.7
232	9/27/2015 18:15:52	17.03	49.69	32.57	8.65	8.26	5.6	1.557	109.1	2.7	0.6
233	9/27/2015 18:30:52	17.51	49.77	32.64	8.20	8.22	5.6	1.592	104.3	2.6	0.6
234	9/27/2015 18:45:52	17.47	49.72	32.59	8.07	8.20	5.7	1.653	102.5	3.2	0.8
235	9/27/2015 19:00:52	17.80	49.78	32.64	8.06	8.20	6.2	1.724	103.1	2.8	0.7
236	9/27/2015 19:15:52	17.71	49.69	32.58	8.02	8.19	5.9	1.831	102.4	3.3	0.8
237	9/27/2015 19:30:52	17.83	49.68	32.57	8.00	8.18	8.2	1.945	102.4	4.0	1.0
238	9/27/2015 19:45:52	17.61	49.64	32.54	8.00	8.18	8.1	2.049	101.9	3.9	0.9
239	9/27/2015 20:00:52	17.42	49.72	32.59	7.93	8.18	7.4	2.172	100.7	3.2	0.8
240	9/27/2015 20:15:52	17.44	49.67	32.56	7.90	8.18	7.5	2.286	100.3	3.5	0.8
241	9/27/2015 20:30:52	16.93	49.72	32.59	7.66	8.16	9.0	2.389	96.4	3.9	0.9
242	9/27/2015 20:45:53	16.68	49.64	32.53	7.54	8.14	8.5	2.493	94.4	3.6	0.8
243	9/27/2015 21:00:53	16.49	49.70	32.57	7.51	8.14	9.4	2.604	93.6	3.6	0.9
244	9/27/2015 21:15:52	16.22	49.55	32.46	7.52	8.14	10.1	2.706	93.2	3.4	0.8
245	9/27/2015 21:30:52	16.02	49.65	32.53	7.53	8.14	10.6	2.813	93.0	4.4	1.0
246	9/27/2015 21:45:52	15.89	49.64	32.52	7.49	8.14	13.1	2.911	92.3	4.2	1.0
247	9/27/2015 22:00:52	15.34	49.62	32.49	7.60	8.15	11.7	3.029	92.6	3.2	0.8
248	9/27/2015 22:15:52	14.80	49.63	32.49	7.61	8.15	11.5	3.141	91.8	3.1	0.7
249	9/27/2015 22:30:53	14.26	49.65	32.48	7.57	8.15	13.1	3.245	90.3	3.9	0.9
250	9/27/2015 22:45:52	13.98	49.59	32.44	7.57	8.15	13.1	3.369	89.8	3.9	0.9
251	9/27/2015 23:00:52	13.65	49.61	32.44	7.56	8.15	11.8	3.473	89.0	3.1	0.7
252	9/27/2015 23:15:52	13.46	49.64	32.46	7.56	8.16	11.0	3.578	88.6	3.6	0.9
253	9/27/2015 23:30:52	13.09	49.66	32.46	7.57	8.16	12.4	3.673	88.1	3.8	0.9
254	9/27/2015 23:45:53	12.79	49.65	32.44	7.60	8.17	9.9	3.755	88.0	4.0	1.0
255	9/28/2015 00:00:52	12.65	49.62	32.41	7.66	8.17	7.3	3.814	88.4	3.6	0.9
256	9/28/2015 00:15:53	12.61	49.66	32.44	7.65	8.17	4.0	3.862	88.2	3.8	0.9
257	9/28/2015 00:30:52	12.52	49.61	32.40	7.64	8.17	3.2	3.888	87.9	3.1	0.7
258	9/28/2015 00:45:52	12.91	49.78	32.53	7.51	8.16	5.5	3.878	87.1	3.1	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
259	9/28/2015 01:00:52	13.00	49.66	32.45	7.47	8.16	6.2	3.841	86.8	3.6	0.9
260	9/28/2015 01:15:52	12.92	49.70	32.48	7.53	8.16	5.2	3.784	87.4	2.6	0.6
261	9/28/2015 01:30:52	13.30	49.65	32.46	7.44	8.16	6.9	3.687	87.0	2.9	0.7
262	9/28/2015 01:45:52	13.00	49.63	32.43	7.53	8.17	7.3	3.599	87.5	3.2	0.8
263	9/28/2015 02:00:53	13.23	49.65	32.45	7.55	8.17	6.2	3.468	88.1	3.0	0.7
264	9/28/2015 02:15:53	14.08	49.69	32.51	7.42	8.16	9.5	3.342	88.1	2.4	0.6
265	9/28/2015 02:30:53	13.99	49.69	32.51	7.45	8.16	10.4	3.219	88.3	3.6	0.9
266	9/28/2015 02:45:53	14.11	49.67	32.49	7.43	8.16	8.5	3.084	88.3	3.0	0.7
267	9/28/2015 03:00:53	14.56	49.66	32.50	7.39	8.16	8.7	2.943	88.7	2.6	0.6
268	9/28/2015 03:15:53	14.89	49.65	32.50	7.29	8.15	6.9	2.832	88.1	2.4	0.6
269	9/28/2015 03:30:52	15.08	49.68	32.53	7.33	8.15	8.8	2.701	88.8	2.7	0.6
270	9/28/2015 03:45:53	14.79	49.63	32.49	7.21	8.13	7.9	2.575	86.9	2.4	0.6
271	9/28/2015 04:00:53	14.69	49.73	32.56	7.25	8.14	7.7	2.447	87.3	2.0	0.5
272	9/28/2015 04:15:53	14.66	49.57	32.44	7.32	8.14	8.0	2.298	87.9	2.1	0.5
273	9/28/2015 04:30:53	15.10	49.61	32.48	7.26	8.14	7.9	2.187	88.0	2.6	0.6
274	9/28/2015 04:45:53	15.41	49.71	32.56	7.25	8.14	8.7	2.051	88.5	2.6	0.6
275	9/28/2015 05:00:52	15.49	49.70	32.55	7.12	8.13	8.1	1.919	87.0	2.8	0.7
276	9/28/2015 05:15:52	15.67	49.72	32.57	7.16	8.13	8.6	1.815	87.9	3.3	0.8
277	9/28/2015 05:30:53	15.85	49.76	32.61	7.12	8.13	9.3	1.719	87.7	2.1	0.5
278	9/28/2015 05:45:52	15.87	49.77	32.62	7.09	8.12	9.5	1.622	87.3	2.9	0.7
279	9/28/2015 06:00:52	15.98	49.77	32.62	7.03	8.12	8.2	1.551	86.8	2.9	0.7
280	9/28/2015 06:15:52	16.14	49.67	32.54	7.02	8.12	7.1	1.530	87.0	3.0	0.7
281	9/28/2015 06:30:52	16.31	49.72	32.58	7.02	8.12	5.8	1.518	87.2	2.9	0.7
282	9/28/2015 06:45:53	16.33	49.75	32.60	7.14	8.13	6.5	1.534	88.8	2.8	0.7
283	9/28/2015 07:00:52	16.40	49.77	32.62	7.14	8.13	5.7	1.593	88.9	2.6	0.6
284	9/28/2015 07:15:53	16.74	49.84	32.67	7.21	8.14	6.5	1.687	90.4	2.4	0.6
285	9/28/2015 07:30:52	16.61	49.76	32.61	7.19	8.13	6.2	1.791	89.9	2.8	0.7
286	9/28/2015 07:45:52	16.45	49.73	32.59	7.20	8.13	6.6	1.902	89.7	1.9	0.5
287	9/28/2015 08:00:52	16.19	49.67	32.55	7.19	8.12	6.7	2.017	89.2	2.4	0.6
288	9/28/2015 08:15:53	16.07	49.75	32.60	7.22	8.12	6.5	2.149	89.3	3.1	0.7
289	9/28/2015 08:30:53	16.13	49.77	32.62	7.22	8.12	7.0	2.267	89.4	2.3	0.5
290	9/28/2015 08:45:52	15.92	49.71	32.57	7.25	8.12	7.3	2.374	89.5	2.3	0.5
291	9/28/2015 09:00:53	15.78	49.75	32.60	7.26	8.12	9.2	2.492	89.3	3.1	0.7
292	9/28/2015 09:15:53	15.70	49.73	32.58	7.27	8.12	9.6	2.607	89.3	3.3	0.8
293	9/28/2015 09:30:53	15.46	49.68	32.54	7.28	8.12	11.9	2.721	88.9	3.1	0.7
294	9/28/2015 09:45:53	15.31	49.69	32.54	7.30	8.12	11.4	2.828	89.0	1.8	0.4
295	9/28/2015 10:00:53	15.14	49.66	32.52	7.29	8.12	13.1	2.940	88.5	1.9	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
296	9/28/2015 10:15:53	14.50	49.66	32.50	7.40	8.12	12.6	3.066	88.6	2.7	0.6
297	9/28/2015 10:30:53	14.10	49.67	32.50	7.33	8.13	14.6	3.183	87.1	3.9	0.9
298	9/28/2015 10:45:53	13.67	49.62	32.44	7.42	8.13	15.3	3.300	87.4	3.5	0.8
299	9/28/2015 11:00:52	13.27	49.65	32.46	7.41	8.13	15.9	3.427	86.6	3.6	0.9
300	9/28/2015 11:15:52	13.05	49.62	32.42	7.45	8.14	13.4	3.550	86.7	3.1	0.8
301	9/28/2015 11:30:52	12.88	49.64	32.43	7.46	8.14	13.5	3.658	86.4	3.8	0.9
302	9/28/2015 11:45:52	12.34	49.64	32.41	7.55	8.14	13.2	3.758	86.5	4.7	1.1
303	9/28/2015 12:00:52	12.08	49.69	32.44	7.63	8.15	10.2	3.858	87.0	6.4	1.5
304	9/28/2015 12:15:52	11.91	49.66	32.40	7.62	8.15	8.5	3.933	86.5	4.2	1.0
305	9/28/2015 12:30:52	11.91	49.66	32.41	7.59	8.15	5.6	3.978	86.1	4.3	1.0
306	9/28/2015 12:45:52	11.86	49.80	32.51	7.59	8.15	4.9	4.021	86.2	4.2	1.0
307	9/28/2015 13:00:52	12.41	49.73	32.48	7.58	8.15	4.3	4.026	87.0	3.5	0.8
308	9/28/2015 13:15:52	12.17	49.67	32.42	7.45	8.15	5.5	4.000	85.1	3.4	0.8
309	9/28/2015 13:30:52	12.00	49.71	32.45	7.48	8.15	5.5	3.941	85.1	3.4	0.8
310	9/28/2015 13:45:52	12.37	49.66	32.43	7.53	8.15	7.0	3.860	86.4	3.1	0.7
311	9/28/2015 14:00:52	12.51	49.59	32.38	7.75	8.16	6.7	3.760	89.1	3.6	0.9
312	9/28/2015 14:15:52	12.46	49.61	32.40	7.90	8.17	5.5	3.635	90.8	2.7	0.6
313	9/28/2015 14:30:52	13.80	49.69	32.50	7.79	8.18	8.2	3.504	92.0	3.1	0.7
314	9/28/2015 14:45:53	14.03	49.69	32.51	7.79	8.17	11.0	3.375	92.5	2.5	0.6
315	9/28/2015 15:00:52	14.14	49.61	32.46	7.76	8.17	8.7	3.242	92.3	3.2	0.8
316	9/28/2015 15:15:52	14.51	49.66	32.50	7.79	8.17	10.3	3.094	93.4	3.0	0.7
317	9/28/2015 15:30:53	14.80	49.68	32.52	7.87	8.17	8.5	2.962	94.9	2.6	0.6
318	9/28/2015 15:45:52	15.17	49.52	32.42	7.89	8.17	8.2	2.838	95.8	2.9	0.7
319	9/28/2015 16:00:52	15.39	49.68	32.53	7.94	8.18	7.7	2.699	96.8	2.8	0.7
320	9/28/2015 16:15:53	15.69	49.69	32.55	7.83	8.18	7.9	2.560	96.2	2.6	0.6
321	9/28/2015 16:30:53	15.80	49.69	32.55	7.80	8.19	7.9	2.416	96.0	2.8	0.7
322	9/28/2015 16:45:53	15.99	49.67	32.54	7.97	8.19	7.9	2.273	98.4	2.9	0.7
323	9/28/2015 17:00:53	15.95	49.66	32.53	8.07	8.19	7.3	2.146	99.6	2.6	0.6
324	9/28/2015 17:15:53	15.97	49.67	32.54	8.15	8.19	7.5	1.999	100.6	2.7	0.6
325	9/28/2015 17:30:53	16.42	49.70	32.57	8.14	8.19	8.9	1.868	101.3	3.3	0.8
326	9/28/2015 17:45:53	16.53	49.72	32.59	8.18	8.19	8.5	1.752	102.0	3.1	0.7
327	9/28/2015 18:00:52	16.53	49.62	32.51	8.16	8.20	8.7	1.637	101.8	3.3	0.8
328	9/28/2015 18:15:52	16.68	49.67	32.55	8.13	8.19	7.8	1.538	101.8	3.6	0.8
329	9/28/2015 18:30:52	16.75	49.66	32.54	8.06	8.19	8.7	1.470	101.0	3.3	0.8
330	9/28/2015 18:45:52	16.80	49.70	32.57	8.07	8.19	7.0	1.422	101.2	4.0	0.9
331	9/28/2015 19:00:52	17.04	49.73	32.60	8.00	8.18	7.1	1.411	100.9	4.1	1.0
332	9/28/2015 19:15:52	17.30	49.88	32.72	8.09	8.19	7.0	1.454	102.6	3.5	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
333	9/28/2015 19:30:52	17.04	49.76	32.62	8.10	8.18	6.8	1.511	102.1	3.2	0.8
334	9/28/2015 19:45:52	17.42	49.76	32.62	8.17	8.18	6.9	1.587	103.7	4.1	1.0
335	9/28/2015 20:00:52	17.29	49.75	32.62	8.14	8.18	7.3	1.704	103.1	3.1	0.7
336	9/28/2015 20:15:53	17.38	49.79	32.65	8.10	8.17	9.2	1.815	102.8	4.3	1.0
337	9/28/2015 20:30:52	17.18	49.75	32.62	8.07	8.16	8.9	1.929	102.1	3.5	0.8
338	9/28/2015 20:45:52	17.05	49.72	32.59	8.08	8.16	7.4	2.045	101.8	3.0	0.7
339	9/28/2015 21:00:53	17.10	49.77	32.63	8.10	8.16	7.8	2.157	102.2	3.2	0.8
340	9/28/2015 21:15:53	16.88	49.76	32.62	8.05	8.16	8.7	2.273	101.1	3.4	0.8
341	9/28/2015 21:30:53	16.49	49.73	32.59	7.83	8.14	7.5	2.382	97.7	3.3	0.8
342	9/28/2015 21:45:53	16.36	49.63	32.52	7.78	8.14	8.3	2.489	96.8	2.6	0.6
343	9/28/2015 22:00:53	16.15	49.71	32.57	7.75	8.13	10.1	2.602	96.0	2.9	0.7
344	9/28/2015 22:15:53	15.93	49.65	32.53	7.75	8.13	10.6	2.714	95.6	2.9	0.7
345	9/28/2015 22:30:53	15.75	49.70	32.56	7.74	8.13	10.7	2.818	95.1	3.1	0.7
346	9/28/2015 22:45:53	15.38	49.67	32.53	7.78	8.13	12.6	2.924	94.9	3.6	0.9
347	9/28/2015 23:00:52	14.88	49.61	32.48	7.78	8.13	12.3	3.034	93.9	3.4	0.8
348	9/28/2015 23:15:53	14.35	49.66	32.50	7.73	8.13	12.3	3.151	92.4	3.9	0.9
349	9/28/2015 23:30:53	14.10	49.65	32.48	7.73	8.13	13.9	3.259	91.8	4.4	1.0
350	9/28/2015 23:45:53	13.77	49.62	32.45	7.80	8.14	11.4	3.369	92.0	4.0	0.9
351	9/29/2015 00:00:52	13.49	49.68	32.48	7.78	8.15	11.2	3.486	91.3	3.7	0.9
352	9/29/2015 00:15:52	13.27	49.63	32.44	7.75	8.15	11.3	3.584	90.6	4.0	1.0
353	9/29/2015 00:30:53	12.83	49.65	32.44	7.79	8.15	11.4	3.674	90.1	4.7	1.1
354	9/29/2015 00:45:52	12.54	49.64	32.42	7.73	8.15	7.6	3.746	89.0	4.1	1.0
355	9/29/2015 01:00:53	12.36	49.69	32.45	7.64	8.15	6.1	3.815	87.6	2.6	0.6
356	9/29/2015 01:15:52	12.23	49.68	32.43	7.53	8.15	3.5	3.850	86.1	2.3	0.5
357	9/29/2015 01:30:52	12.21	49.69	32.44	7.42	8.14	2.7	3.861	84.8	4.3	1.0
358	9/29/2015 01:45:52	12.37	49.69	32.45	7.40	8.14	4.3	3.841	84.9	2.0	0.5
359	9/29/2015 02:00:52	12.50	49.66	32.43	7.42	8.14	4.5	3.799	85.3	2.2	0.5
360	9/29/2015 02:15:53	12.88	49.71	32.48	7.49	8.15	5.6	3.717	86.9	2.5	0.6
361	9/29/2015 02:30:53	12.86	49.67	32.45	7.69	8.16	7.4	3.621	89.1	2.8	0.7
362	9/29/2015 02:45:53	12.63	49.63	32.42	7.76	8.16	6.0	3.503	89.5	3.1	0.7
363	9/29/2015 03:00:53	13.77	49.68	32.50	7.58	8.15	9.3	3.386	89.4	3.6	0.9
364	9/29/2015 03:15:52	13.99	49.63	32.46	7.60	8.15	10.6	3.264	90.2	2.9	0.7
365	9/29/2015 03:30:53	13.93	49.69	32.50	7.60	8.15	9.8	3.132	90.0	2.8	0.7
366	9/29/2015 03:45:53	14.21	49.68	32.51	7.53	8.14	9.3	3.015	89.7	3.5	0.8
367	9/29/2015 04:00:53	14.48	49.70	32.53	7.46	8.13	8.5	2.892	89.4	3.2	0.8
368	9/29/2015 04:15:52	14.82	49.68	32.53	7.43	8.13	7.8	2.772	89.7	3.2	0.8
369	9/29/2015 04:30:53	15.20	49.72	32.56	7.32	8.12	8.9	2.647	89.0	3.2	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
370	9/29/2015 04:45:52	15.10	49.63	32.49	7.41	8.13	7.9	2.523	89.9	3.0	0.7
371	9/29/2015 05:00:53	15.19	49.71	32.56	7.41	8.13	7.3	2.403	90.0	3.3	0.8
372	9/29/2015 05:15:52	15.13	49.65	32.51	7.34	8.12	7.6	2.280	89.0	2.8	0.7
373	9/29/2015 05:30:53	15.32	49.67	32.53	7.30	8.12	7.6	2.159	88.9	3.1	0.7
374	9/29/2015 05:45:53	15.51	49.72	32.57	7.25	8.12	8.2	2.050	88.7	2.6	0.6
375	9/29/2015 06:00:53	15.57	49.71	32.56	7.06	8.11	7.5	1.951	86.5	2.4	0.6
376	9/29/2015 06:15:53	15.68	49.72	32.58	7.10	8.11	7.4	1.839	87.2	2.8	0.7
377	9/29/2015 06:30:53	15.71	49.72	32.57	7.11	8.10	7.6	1.761	87.3	2.8	0.7
378	9/29/2015 06:45:53	15.85	49.75	32.59	7.07	8.10	7.6	1.712	87.0	2.2	0.5
379	9/29/2015 07:00:53	16.06	49.74	32.59	7.04	8.10	6.1	1.679	87.1	3.0	0.7
380	9/29/2015 07:15:53	16.17	49.74	32.59	7.07	8.10	4.6	1.677	87.6	3.4	0.8
381	9/29/2015 07:30:53	16.53	49.70	32.57	7.10	8.11	5.7	1.714	88.6	2.5	0.6
382	9/29/2015 07:45:52	16.40	49.75	32.60	7.11	8.11	5.5	1.767	88.5	2.4	0.6
383	9/29/2015 08:00:53	16.63	49.75	32.61	7.19	8.11	5.3	1.852	90.0	2.7	0.6
384	9/29/2015 08:15:53	16.51	49.77	32.62	7.19	8.11	5.8	1.964	89.7	2.1	0.5
385	9/29/2015 08:30:53	16.39	49.68	32.55	7.22	8.11	7.1	2.071	89.9	1.6	0.4
386	9/29/2015 08:45:53	16.06	49.70	32.56	7.22	8.10	6.2	2.187	89.3	2.4	0.6
387	9/29/2015 09:00:52	16.05	49.66	32.53	7.20	8.10	6.6	2.309	89.0	2.3	0.5
388	9/29/2015 09:15:53	16.03	49.71	32.57	7.20	8.10	6.3	2.422	89.0	2.7	0.6
389	9/29/2015 09:30:53	15.79	49.66	32.53	7.26	8.11	7.0	2.530	89.3	2.6	0.6
390	9/29/2015 09:45:53	15.60	49.65	32.52	7.28	8.11	8.9	2.638	89.2	3.0	0.7
391	9/29/2015 10:00:53	15.41	49.64	32.51	7.29	8.11	9.8	2.745	89.0	2.9	0.7
392	9/29/2015 10:15:53	15.20	49.63	32.49	7.31	8.11	9.8	2.861	88.9	1.9	0.4
393	9/29/2015 10:30:53	15.05	49.65	32.50	7.34	8.11	10.4	2.966	88.9	2.0	0.5
394	9/29/2015 10:45:53	14.69	49.62	32.47	7.34	8.11	9.9	3.082	88.3	2.6	0.6
395	9/29/2015 11:00:52	14.32	49.54	32.41	7.39	8.11	12.5	3.199	88.1	3.0	0.7
396	9/29/2015 11:15:52	13.78	49.55	32.40	7.35	8.11	12.5	3.315	86.7	3.4	0.8
397	9/29/2015 11:30:52	13.30	49.59	32.41	7.30	8.11	12.4	3.441	85.3	3.4	0.8
398	9/29/2015 11:45:53	12.93	49.62	32.42	7.26	8.12	11.0	3.565	84.2	2.4	0.6
399	9/29/2015 12:00:52	12.74	49.58	32.38	7.23	8.12	9.2	3.680	83.5	3.3	0.8
400	9/29/2015 12:15:52	12.61	49.62	32.41	7.20	8.12	8.9	3.789	82.9	3.1	0.7
401	9/29/2015 12:30:52	12.38	49.56	32.35	7.19	8.12	8.1	3.894	82.5	2.9	0.7
402	9/29/2015 12:45:52	12.05	49.66	32.41	7.09	8.12	6.4	3.977	80.8	2.9	0.7
403	9/29/2015 13:00:52	11.92	49.66	32.40	6.99	8.12	5.5	4.042	79.4	2.9	0.7
404	9/29/2015 13:15:52	11.78	49.63	32.37	6.95	8.12	4.3	4.097	78.7	3.6	0.9
405	9/29/2015 13:30:52	11.87	49.67	32.41	6.95	8.12	3.4	4.126	78.8	3.0	0.7
406	9/29/2015 13:45:52	12.28	49.77	32.50	7.08	8.13	3.4	4.123	81.1	2.5	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
407	9/29/2015 14:00:53	12.01	49.67	32.42	6.85	8.12	3.7	4.094	77.9	1.8	0.4
408	9/29/2015 14:15:53	12.16	49.79	32.51	7.00	8.12	4.3	4.029	79.9	2.2	0.5
409	9/29/2015 14:30:53	12.42	49.64	32.42	7.11	8.13	4.5	3.945	81.5	2.5	0.6
410	9/29/2015 14:45:52	12.27	49.63	32.40	7.22	8.14	5.3	3.833	82.6	3.5	0.8
411	9/29/2015 15:00:53	12.28	49.66	32.42	7.25	8.14	5.4	3.698	82.9	3.0	0.7
412	9/29/2015 15:15:53	13.55	49.65	32.46	7.52	8.16	7.8	3.582	88.4	2.9	0.7
413	9/29/2015 15:30:53	13.71	49.65	32.47	7.53	8.15	10.1	3.441	88.8	3.4	0.8
414	9/29/2015 15:45:53	13.78	49.66	32.48	7.55	8.15	10.7	3.290	89.1	2.9	0.7
415	9/29/2015 16:00:52	14.10	49.59	32.44	7.63	8.15	9.4	3.161	90.7	3.5	0.8
416	9/29/2015 16:15:52	14.42	49.62	32.47	7.69	8.15	8.6	3.020	92.0	2.9	0.7
417	9/29/2015 16:30:53	14.76	49.59	32.46	7.74	8.15	7.8	2.879	93.2	2.7	0.7
418	9/29/2015 16:45:53	14.85	49.61	32.47	7.81	8.16	8.1	2.736	94.3	2.9	0.7
419	9/29/2015 17:00:53	15.14	49.61	32.48	7.78	8.15	8.5	2.590	94.4	2.4	0.6
420	9/29/2015 17:15:53	14.86	49.68	32.53	7.76	8.15	6.0	2.452	93.6	3.1	0.7
421	9/29/2015 17:30:53	15.09	49.63	32.49	7.83	8.16	8.1	2.306	95.0	2.4	0.6
422	9/29/2015 17:45:53	14.85	49.62	32.48	7.84	8.16	6.2	2.150	94.7	2.5	0.6
423	9/29/2015 18:00:53	15.59	49.63	32.50	7.76	8.15	7.9	2.012	95.1	3.5	0.8
424	9/29/2015 18:15:52	15.78	49.65	32.52	7.76	8.15	9.9	1.872	95.4	3.7	0.9
425	9/29/2015 18:30:53	15.87	49.65	32.52	7.70	8.14	7.7	1.743	94.8	2.9	0.7
426	9/29/2015 18:45:53	15.95	49.69	32.56	7.68	8.14	8.4	1.620	94.8	2.9	0.7
427	9/29/2015 19:00:53	16.11	49.69	32.56	7.61	8.13	8.4	1.498	94.2	3.7	0.9
428	9/29/2015 19:15:53	16.23	49.72	32.59	7.57	8.13	7.8	1.417	93.9	3.7	0.9
429	9/29/2015 19:30:53	16.22	49.73	32.59	7.49	8.12	7.4	1.374	92.9	3.6	0.8
430	9/29/2015 19:45:53	16.37	49.69	32.56	7.43	8.12	6.3	1.352	92.4	4.1	1.0
431	9/29/2015 20:00:53	16.54	49.69	32.56	7.50	8.12	6.3	1.374	93.6	3.1	0.7
432	9/29/2015 20:15:52	16.87	49.74	32.60	7.53	8.12	6.8	1.425	94.6	3.8	0.9
433	9/29/2015 20:30:53	17.09	49.74	32.61	7.52	8.12	6.8	1.521	94.9	4.3	1.0
434	9/29/2015 20:45:53	17.08	49.78	32.64	7.57	8.12	6.4	1.613	95.5	3.1	0.7
435	9/29/2015 21:00:53	16.97	49.74	32.61	7.60	8.12	6.6	1.730	95.6	3.8	0.9
436	9/29/2015 21:15:52	16.90	49.69	32.57	7.63	8.12	7.0	1.835	95.9	4.1	1.0
437	9/29/2015 21:30:52	16.68	49.72	32.59	7.63	8.11	6.9	1.945	95.5	2.8	0.7
438	9/29/2015 21:45:53	16.62	49.71	32.58	7.63	8.11	6.6	2.065	95.4	3.6	0.9
439	9/29/2015 22:00:52	16.63	49.66	32.54	7.65	8.12	6.7	2.161	95.6	3.2	0.8
440	9/29/2015 22:15:52	16.43	49.65	32.53	7.64	8.12	8.0	2.283	95.1	3.6	0.8
441	9/29/2015 22:30:52	16.19	49.66	32.54	7.58	8.11	7.0	2.390	94.0	3.1	0.7
442	9/29/2015 22:45:53	16.03	49.65	32.53	7.55	8.11	8.2	2.499	93.3	3.1	0.7
443	9/29/2015 23:00:53	15.79	49.64	32.52	7.55	8.11	9.2	2.611	92.8	2.8	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
444	9/29/2015 23:15:53	15.62	49.63	32.50	7.52	8.11	10.2	2.713	92.2	2.9	0.7
445	9/29/2015 23:30:52	15.49	49.61	32.49	7.49	8.11	11.4	2.822	91.5	2.7	0.6
446	9/29/2015 23:45:52	15.16	49.60	32.47	7.52	8.11	12.1	2.929	91.3	3.5	0.8
447	9/30/2015 00:00:53	14.68	49.61	32.47	7.51	8.11	11.5	3.034	90.3	2.9	0.7
448	9/30/2015 00:15:53	14.34	49.62	32.47	7.47	8.11	14.0	3.146	89.2	3.1	0.7
449	9/30/2015 00:30:53	13.99	49.64	32.47	7.50	8.12	11.0	3.252	89.0	4.0	1.0
450	9/30/2015 00:45:53	13.78	49.65	32.47	7.55	8.13	12.1	3.358	89.1	2.6	0.6
451	9/30/2015 01:00:52	13.53	49.60	32.43	7.59	8.14	12.3	3.458	89.2	2.2	0.5
452	9/30/2015 01:15:53	13.43	49.64	32.45	7.62	8.14	9.9	3.555	89.3	2.4	0.6
453	9/30/2015 01:30:53	13.28	49.63	32.44	7.71	8.16	9.0	3.643	90.1	3.5	0.8
454	9/30/2015 01:45:53	13.16	49.64	32.44	7.83	8.17	8.4	3.708	91.3	3.1	0.7
455	9/30/2015 02:00:53	13.06	49.65	32.44	7.95	8.18	4.0	3.752	92.5	3.4	0.8
456	9/30/2015 02:15:53	13.02	49.58	32.39	7.90	8.17	3.0	3.781	91.8	4.3	1.0
457	9/30/2015 02:30:53	13.44	49.78	32.56	7.64	8.15	4.0	3.798	89.6	2.4	0.6
458	9/30/2015 02:45:53	13.00	49.62	32.43	7.80	8.17	5.2	3.760	90.7	2.0	0.5
459	9/30/2015 03:00:53	13.78	49.68	32.50	7.47	8.14	7.8	3.698	88.2	2.6	0.6
460	9/30/2015 03:15:53	13.65	49.61	32.44	7.52	8.14	7.3	3.635	88.5	2.6	0.6
461	9/30/2015 03:30:52	13.52	49.60	32.43	7.78	8.16	6.4	3.525	91.3	2.6	0.6
462	9/30/2015 03:45:52	13.44	49.63	32.45	7.86	8.17	6.2	3.406	92.1	2.7	0.6
463	9/30/2015 04:00:52	13.87	49.65	32.48	7.46	8.14	6.6	3.308	88.3	2.8	0.7
464	9/30/2015 04:15:53	14.08	49.66	32.49	7.36	8.13	8.9	3.187	87.5	2.6	0.6
465	9/30/2015 04:30:52	14.17	49.60	32.45	7.31	8.12	7.4	3.061	87.0	2.9	0.7
466	9/30/2015 04:45:52	14.49	49.65	32.49	7.24	8.11	7.6	2.945	86.7	3.0	0.7
467	9/30/2015 05:00:53	14.81	49.67	32.52	7.13	8.10	7.9	2.830	85.9	3.7	0.9
468	9/30/2015 05:15:53	15.24	49.73	32.57	7.01	8.09	7.7	2.714	85.3	3.1	0.7
469	9/30/2015 05:30:53	15.28	49.66	32.52	6.85	8.08	8.1	2.613	83.3	2.8	0.7
470	9/30/2015 05:45:53	15.04	49.71	32.55	7.06	8.09	7.7	2.487	85.6	2.5	0.6
471	9/30/2015 06:00:53	15.08	49.66	32.52	7.10	8.10	7.1	2.384	86.1	2.8	0.7
472	9/30/2015 06:15:52	15.08	49.66	32.52	7.07	8.09	7.3	2.285	85.8	2.3	0.5
473	9/30/2015 06:30:52	15.11	49.63	32.50	7.05	8.09	7.0	2.168	85.5	2.6	0.6
474	9/30/2015 06:45:53	15.31	49.71	32.56	6.95	8.08	7.9	2.075	84.7	2.6	0.6
475	9/30/2015 07:00:52	15.47	49.63	32.50	6.98	8.09	6.5	1.996	85.3	2.4	0.6
476	9/30/2015 07:15:53	15.46	49.71	32.56	6.91	8.08	6.7	1.924	84.4	2.1	0.5
477	9/30/2015 07:30:53	15.52	49.72	32.57	6.88	8.07	6.1	1.880	84.2	2.9	0.7
478	9/30/2015 07:45:53	15.74	49.70	32.56	6.82	8.07	6.0	1.848	83.8	3.0	0.7
479	9/30/2015 08:00:53	16.10	49.63	32.52	6.78	8.07	5.0	1.853	83.9	2.1	0.5
480	9/30/2015 08:15:53	16.15	49.79	32.63	6.87	8.07	5.5	1.879	85.2	2.4	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
481	9/30/2015 08:30:53	16.03	49.70	32.56	6.92	8.07	5.4	1.938	85.5	2.1	0.5
482	9/30/2015 08:45:53	16.27	49.73	32.59	6.91	8.07	5.2	1.996	85.8	3.0	0.7
483	9/30/2015 09:00:53	16.15	49.72	32.58	6.94	8.07	5.6	2.103	86.0	2.9	0.7
484	9/30/2015 09:15:53	16.01	49.69	32.56	7.01	8.07	6.5	2.210	86.6	2.6	0.6
485	9/30/2015 09:30:53	15.79	49.69	32.56	7.03	8.07	6.3	2.311	86.4	2.8	0.7
486	9/30/2015 09:45:53	15.72	49.65	32.52	7.05	8.07	5.6	2.422	86.5	2.6	0.6
487	9/30/2015 10:00:53	15.69	49.66	32.53	7.05	8.07	6.7	2.535	86.5	2.6	0.6
488	9/30/2015 10:15:53	15.28	49.64	32.51	7.21	8.09	7.5	2.626	87.7	1.9	0.5
489	9/30/2015 10:30:53	15.19	49.61	32.48	7.24	8.09	7.9	2.729	87.9	2.3	0.5
490	9/30/2015 10:45:52	15.09	49.57	32.45	7.27	8.09	8.2	2.838	88.1	2.8	0.7
491	9/30/2015 11:00:53	14.89	49.60	32.47	7.33	8.10	8.4	2.935	88.5	2.3	0.5
492	9/30/2015 11:15:53	14.74	49.57	32.44	7.37	8.10	10.6	3.056	88.7	3.2	0.8
493	9/30/2015 11:30:52	14.41	49.54	32.41	7.45	8.11	10.5	3.166	89.1	2.9	0.7
494	9/30/2015 11:45:53	14.01	49.57	32.42	7.58	8.12	10.6	3.276	89.9	2.9	0.7
495	9/30/2015 12:00:53	13.45	49.59	32.42	7.74	8.14	9.4	3.408	90.7	2.6	0.6
496	9/30/2015 12:15:53	13.25	49.56	32.39	7.78	8.15	10.9	3.521	90.8	3.6	0.8
497	9/30/2015 12:30:53	13.01	49.57	32.39	7.83	8.16	8.1	3.635	91.0	3.4	0.8
498	9/30/2015 12:45:53	12.90	49.58	32.39	7.88	8.16	9.0	3.756	91.3	3.3	0.8
499	9/30/2015 13:00:53	12.81	49.57	32.38	7.89	8.17	7.0	3.856	91.2	3.4	0.8
500	9/30/2015 13:15:52	12.68	49.52	32.34	7.97	8.17	6.4	3.952	91.9	3.9	0.9
501	9/30/2015 13:30:52	12.44	49.53	32.33	8.05	8.18	4.8	4.034	92.4	4.0	0.9
502	9/30/2015 13:45:53	12.33	49.60	32.38	8.03	8.19	3.2	4.084	92.0	4.3	1.0
503	9/30/2015 14:00:53	12.26	49.60	32.38	7.99	8.19	2.1	4.130	91.3	4.3	1.0
504	9/30/2015 14:15:53	12.28	49.59	32.37	7.92	8.18	1.8	4.159	90.6	5.1	1.2
505	9/30/2015 14:30:53	12.23	49.76	32.49	7.79	8.17	2.0	4.140	89.0	2.0	0.5
506	9/30/2015 14:45:53	12.66	49.66	32.44	7.97	8.18	3.8	4.091	91.9	3.6	0.9
507	9/30/2015 15:00:53	12.73	49.61	32.40	7.99	8.18	3.1	4.038	92.3	3.4	0.8
508	9/30/2015 15:15:52	12.86	49.60	32.40	8.05	8.19	4.1	3.939	93.2	3.1	0.7
509	9/30/2015 15:30:52	12.82	49.56	32.37	8.35	8.21	3.7	3.814	96.6	5.8	1.4
510	9/30/2015 15:45:52	13.22	49.54	32.37	8.28	8.20	5.4	3.704	96.6	3.1	0.7
511	9/30/2015 16:00:53	14.05	49.62	32.46	8.16	8.19	8.3	3.574	96.9	2.9	0.7
512	9/30/2015 16:15:53	13.84	49.61	32.45	8.09	8.18	9.4	3.440	95.6	3.5	0.8
513	9/30/2015 16:30:53	13.97	49.60	32.44	8.08	8.18	8.4	3.300	95.8	2.5	0.6
514	9/30/2015 16:45:53	14.13	49.54	32.40	8.06	8.18	8.3	3.165	95.9	3.5	0.8
515	9/30/2015 17:00:53	14.29	49.57	32.43	8.08	8.17	7.1	3.045	96.4	3.5	0.8
516	9/30/2015 17:15:53	14.73	49.61	32.47	8.09	8.17	6.7	2.896	97.4	3.4	0.8
517	9/30/2015 17:30:53	14.77	49.59	32.46	8.05	8.17	7.3	2.753	97.0	4.0	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
518	9/30/2015 17:45:53	14.52	49.60	32.45	8.24	8.18	7.4	2.607	98.7	2.9	0.7
519	9/30/2015 18:00:53	14.47	49.47	32.36	8.24	8.18	5.8	2.482	98.6	3.6	0.8
520	9/30/2015 18:15:53	15.05	49.60	32.47	8.09	8.17	7.0	2.330	98.0	2.9	0.7
521	9/30/2015 18:30:53	14.66	49.58	32.45	8.30	8.18	5.9	2.173	99.7	3.3	0.8
522	9/30/2015 18:45:53	15.58	49.59	32.47	7.86	8.15	9.5	2.043	96.2	2.7	0.7
523	9/30/2015 19:00:52	15.47	49.60	32.48	7.88	8.15	8.2	1.892	96.3	2.6	0.6
524	9/30/2015 19:15:53	15.73	49.68	32.54	7.80	8.14	9.3	1.760	95.9	3.3	0.8
525	9/30/2015 19:30:53	15.85	49.65	32.52	7.73	8.13	11.4	1.618	95.2	3.4	0.8
526	9/30/2015 19:45:53	15.82	49.69	32.55	7.70	8.13	10.1	1.514	94.8	2.8	0.7
527	9/30/2015 20:00:53	15.93	49.69	32.55	7.65	8.12	8.5	1.428	94.4	3.8	0.9
528	9/30/2015 20:15:52	15.99	49.67	32.54	7.59	8.12	7.9	1.343	93.7	2.8	0.7
529	9/30/2015 20:30:53	16.15	49.74	32.60	7.53	8.11	8.2	1.340	93.3	3.5	0.8
530	9/30/2015 20:45:53	16.30	49.71	32.58	7.45	8.10	8.1	1.345	92.6	3.7	0.9
531	9/30/2015 21:00:52	16.88	49.80	32.65	7.62	8.12	8.7	1.388	95.9	4.2	1.0
532	9/30/2015 21:15:52	16.80	49.74	32.61	7.61	8.11	7.1	1.466	95.5	3.7	0.9
533	9/30/2015 21:30:52	16.95	49.71	32.58	7.64	8.11	7.0	1.555	96.1	3.8	0.9
534	9/30/2015 21:45:52	16.79	49.68	32.56	7.63	8.10	7.1	1.665	95.7	3.6	0.9
535	9/30/2015 22:00:52	16.99	49.66	32.55	7.66	8.10	8.5	1.771	96.4	4.2	1.0
536	9/30/2015 22:15:52	16.69	49.66	32.54	7.68	8.10	7.9	1.876	96.1	3.8	0.9
537	9/30/2015 22:30:52	16.54	49.65	32.53	7.67	8.10	7.6	1.977	95.7	2.9	0.7
538	9/30/2015 22:45:53	16.48	49.69	32.56	7.69	8.10	7.3	2.085	95.9	3.2	0.8
539	9/30/2015 23:00:53	16.43	49.67	32.55	7.70	8.11	7.9	2.196	95.9	3.3	0.8
540	9/30/2015 23:15:52	16.21	49.60	32.49	7.68	8.11	7.3	2.294	95.1	3.9	0.9
541	9/30/2015 23:30:53	16.06	49.66	32.54	7.64	8.10	6.7	2.394	94.4	2.8	0.7
542	9/30/2015 23:45:53	15.88	49.60	32.49	7.67	8.11	7.9	2.498	94.5	3.5	0.8
543	10/1/2015 00:00:53	15.69	49.62	32.50	7.69	8.11	8.4	2.609	94.4	2.9	0.7
544	10/1/2015 00:15:53	15.55	49.61	32.49	7.72	8.11	10.1	2.704	94.4	3.8	0.9
545	10/1/2015 00:30:53	15.39	49.58	32.47	7.73	8.12	12.1	2.803	94.2	4.0	1.0
546	10/1/2015 00:45:53	15.08	49.54	32.43	7.83	8.12	11.0	2.912	94.8	3.4	0.8
547	10/1/2015 01:00:53	14.84	49.56	32.44	7.86	8.13	12.5	3.010	94.8	3.7	0.9
548	10/1/2015 01:15:53	14.31	49.55	32.41	7.94	8.14	12.3	3.115	94.7	3.8	0.9
549	10/1/2015 01:30:53	14.07	49.53	32.40	8.00	8.15	10.9	3.217	95.0	3.3	0.8
550	10/1/2015 01:45:53	13.91	49.49	32.36	8.08	8.16	9.6	3.317	95.5	3.6	0.9
551	10/1/2015 02:00:53	13.72	49.56	32.40	8.19	8.17	10.6	3.417	96.6	3.7	0.9
552	10/1/2015 02:15:52	13.59	49.50	32.36	8.27	8.18	6.7	3.500	97.2	4.1	1.0
553	10/1/2015 02:30:52	13.51	49.54	32.38	8.32	8.19	6.4	3.574	97.6	4.0	0.9
554	10/1/2015 02:45:53	13.16	49.59	32.41	8.69	8.22	5.8	3.630	101.2	5.7	1.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
555	10/1/2015 03:00:53	13.13	49.60	32.41	8.69	8.22	3.0	3.667	101.2	4.7	1.1
556	10/1/2015 03:15:53	13.83	49.40	32.29	8.19	8.19	3.2	3.679	96.7	8.5	2.0
557	10/1/2015 03:30:53	13.18	49.59	32.41	8.47	8.21	2.6	3.676	98.7	3.1	0.7
558	10/1/2015 03:45:53	13.48	49.61	32.43	8.34	8.20	3.5	3.639	97.8	3.3	0.8
559	10/1/2015 04:00:53	13.62	49.59	32.43	8.22	8.19	5.1	3.572	96.7	3.0	0.7
560	10/1/2015 04:15:53	13.74	49.61	32.44	8.15	8.18	6.4	3.477	96.2	4.1	1.0
561	10/1/2015 04:30:53	13.49	49.61	32.43	8.43	8.20	5.1	3.398	98.9	4.5	1.1
562	10/1/2015 04:45:53	13.66	49.60	32.43	8.28	8.19	5.6	3.296	97.4	2.8	0.7
563	10/1/2015 05:00:53	14.13	49.63	32.47	7.83	8.15	6.6	3.171	93.1	3.4	0.8
564	10/1/2015 05:15:53	14.26	49.61	32.46	7.77	8.14	6.1	3.071	92.7	3.4	0.8
565	10/1/2015 05:30:53	14.40	49.65	32.49	7.71	8.14	6.5	2.985	92.2	3.2	0.8
566	10/1/2015 05:45:52	14.76	49.67	32.52	7.48	8.12	7.0	2.871	90.1	2.9	0.7
567	10/1/2015 06:00:53	15.12	49.66	32.52	7.39	8.10	6.5	2.760	89.7	2.2	0.5
568	10/1/2015 06:15:53	15.11	49.65	32.51	7.22	8.09	6.7	2.680	87.6	2.8	0.7
569	10/1/2015 06:30:53	15.33	49.70	32.55	7.16	8.08	7.0	2.594	87.3	2.9	0.7
570	10/1/2015 06:45:52	15.30	49.56	32.45	6.96	8.06	7.9	2.468	84.7	2.7	0.6
571	10/1/2015 07:00:53	15.24	49.67	32.53	7.28	8.09	6.8	2.391	88.5	2.2	0.5
572	10/1/2015 07:15:53	15.17	49.65	32.51	7.28	8.09	7.3	2.317	88.4	3.0	0.7
573	10/1/2015 07:30:53	15.26	49.66	32.52	7.25	8.09	6.8	2.228	88.2	2.7	0.6
574	10/1/2015 07:45:53	15.26	49.65	32.52	7.23	8.08	6.0	2.162	88.0	3.0	0.7
575	10/1/2015 08:00:53	15.35	49.67	32.53	7.20	8.08	6.4	2.096	87.8	2.6	0.6
576	10/1/2015 08:15:53	15.30	49.63	32.50	7.10	8.07	5.7	2.073	86.5	2.3	0.5
577	10/1/2015 08:30:53	15.39	49.68	32.54	7.11	8.07	5.4	2.036	86.7	2.6	0.6
578	10/1/2015 08:45:53	15.57	49.64	32.51	7.10	8.07	4.9	2.031	87.0	3.0	0.7
579	10/1/2015 09:00:53	15.66	49.72	32.57	7.14	8.07	5.1	2.058	87.5	2.1	0.5
580	10/1/2015 09:15:53	15.56	49.69	32.54	7.19	8.07	5.2	2.106	88.1	2.4	0.6
581	10/1/2015 09:30:53	15.82	49.70	32.56	7.20	8.08	4.9	2.168	88.6	2.7	0.6
582	10/1/2015 09:45:53	15.73	49.68	32.55	7.23	8.08	5.7	2.239	88.8	1.7	0.4
583	10/1/2015 10:00:53	15.62	49.68	32.54	7.28	8.08	6.5	2.338	89.2	1.9	0.4
584	10/1/2015 10:15:53	15.36	49.62	32.49	7.28	8.08	5.7	2.430	88.8	2.3	0.6
585	10/1/2015 10:30:53	15.29	49.65	32.51	7.32	8.08	5.0	2.534	89.1	2.4	0.6
586	10/1/2015 10:45:53	15.25	49.65	32.52	7.33	8.08	6.1	2.625	89.2	2.2	0.5
587	10/1/2015 11:00:53	15.04	49.64	32.50	7.49	8.10	6.3	2.716	90.7	1.9	0.4
588	10/1/2015 11:15:53	14.93	49.56	32.44	7.59	8.11	6.2	2.818	91.7	2.8	0.7
589	10/1/2015 11:30:53	14.85	49.63	32.49	7.63	8.11	6.9	2.908	92.0	3.4	0.8
590	10/1/2015 11:45:53	14.65	49.58	32.45	7.73	8.12	7.4	3.009	92.8	2.5	0.6
591	10/1/2015 12:00:53	14.45	49.61	32.46	7.82	8.13	7.9	3.116	93.6	3.3	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
592	10/1/2015 12:15:53	14.23	49.56	32.42	7.92	8.14	8.6	3.214	94.3	4.2	1.0
593	10/1/2015 12:30:53	13.90	49.56	32.41	8.02	8.15	7.4	3.320	94.9	3.3	0.8
594	10/1/2015 12:45:53	13.53	49.55	32.39	8.21	8.17	7.8	3.438	96.4	4.2	1.0
595	10/1/2015 13:00:53	13.25	49.55	32.38	8.36	8.19	7.8	3.547	97.5	4.0	1.0
596	10/1/2015 13:15:52	13.01	49.52	32.35	8.39	8.20	7.2	3.646	97.4	5.2	1.2
597	10/1/2015 13:30:52	12.80	49.50	32.33	8.45	8.21	5.2	3.747	97.6	4.2	1.0
598	10/1/2015 13:45:53	12.64	49.56	32.36	8.44	8.21	4.8	3.837	97.2	5.2	1.2
599	10/1/2015 14:00:53	12.56	49.55	32.35	8.42	8.21	3.4	3.908	96.8	4.7	1.1
600	10/1/2015 14:15:53	12.45	49.59	32.38	8.36	8.21	3.0	3.974	96.0	3.7	0.9
601	10/1/2015 14:30:53	12.39	49.59	32.38	8.35	8.21	1.8	4.026	95.7	4.6	1.1
602	10/1/2015 14:45:53	12.31	49.60	32.38	8.33	8.21	1.9	4.059	95.4	6.2	1.5
603	10/1/2015 15:00:53	12.29	49.61	32.39	8.26	8.21	1.2	4.068	94.5	8.1	1.9
604	10/1/2015 15:15:53	12.48	49.65	32.42	8.21	8.20	2.1	4.047	94.3	3.3	0.8
605	10/1/2015 15:30:53	12.80	49.48	32.31	8.34	8.21	2.4	4.011	96.4	3.3	0.8
606	10/1/2015 15:45:53	12.66	49.64	32.42	8.33	8.21	2.0	3.940	96.1	3.6	0.8
607	10/1/2015 16:00:53	12.84	49.63	32.42	8.50	8.22	3.1	3.849	98.4	2.9	0.7
608	10/1/2015 16:15:53	13.00	49.58	32.39	8.74	8.24	3.3	3.754	101.6	5.0	1.2
609	10/1/2015 16:30:53	13.31	49.54	32.38	8.91	8.25	3.9	3.641	104.1	3.7	0.9
610	10/1/2015 16:45:53	13.91	49.60	32.44	8.72	8.22	5.2	3.512	103.2	3.8	0.9
611	10/1/2015 17:00:53	13.81	49.59	32.43	8.69	8.22	5.4	3.405	102.7	3.9	0.9
612	10/1/2015 17:15:53	13.89	49.59	32.43	8.66	8.21	6.4	3.271	102.5	3.6	0.9
613	10/1/2015 17:30:53	14.14	49.58	32.43	8.62	8.21	5.9	3.137	102.5	3.5	0.8
614	10/1/2015 17:45:53	14.41	49.55	32.42	8.54	8.20	6.2	3.016	102.1	4.0	1.0
615	10/1/2015 18:00:53	14.65	49.60	32.46	8.50	8.19	7.1	2.887	102.2	4.3	1.0
616	10/1/2015 18:15:53	14.83	49.59	32.46	8.48	8.19	6.7	2.748	102.3	2.8	0.7
617	10/1/2015 18:30:53	14.55	49.57	32.43	8.59	8.20	6.2	2.619	103.0	4.1	1.0
618	10/1/2015 18:45:53	15.18	49.59	32.46	8.27	8.17	7.1	2.495	100.5	3.6	0.8
619	10/1/2015 19:00:53	14.22	49.57	32.43	8.59	8.20	4.6	2.350	102.3	2.5	0.6
620	10/1/2015 19:15:53	14.70	49.61	32.47	8.38	8.18	6.6	2.205	100.8	3.8	0.9
621	10/1/2015 19:30:53	15.15	49.54	32.43	8.16	8.16	8.1	2.070	99.0	3.6	0.9
622	10/1/2015 19:45:53	15.29	49.63	32.50	8.05	8.15	9.5	1.939	98.0	3.4	0.8
623	10/1/2015 20:00:52	15.30	49.62	32.49	7.99	8.14	9.0	1.797	97.3	4.0	0.9
624	10/1/2015 20:15:53	15.45	49.66	32.52	7.92	8.13	10.1	1.666	96.7	3.5	0.8
625	10/1/2015 20:30:53	15.56	49.63	32.51	7.86	8.13	8.9	1.556	96.2	3.5	0.8
626	10/1/2015 20:45:53	15.68	49.65	32.52	7.83	8.12	10.1	1.465	96.0	4.0	0.9
627	10/1/2015 21:00:53	15.76	49.65	32.52	7.78	8.11	7.7	1.383	95.5	3.5	0.8
628	10/1/2015 21:15:53	15.85	49.66	32.53	7.70	8.11	7.8	1.349	94.8	3.1	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
629	10/1/2015 21:30:53	15.97	49.67	32.54	7.60	8.10	6.7	1.347	93.8	4.1	1.0
630	10/1/2015 21:45:53	15.73	49.68	32.55	7.78	8.11	6.7	1.366	95.6	4.0	0.9
631	10/1/2015 22:00:53	16.02	49.67	32.54	7.79	8.11	6.8	1.442	96.3	2.3	0.6
632	10/1/2015 22:15:53	16.50	49.67	32.55	7.80	8.11	7.8	1.530	97.3	4.6	1.1
633	10/1/2015 22:30:53	16.45	49.70	32.57	7.81	8.10	7.3	1.608	97.3	4.2	1.0
634	10/1/2015 22:45:53	16.36	49.69	32.56	7.82	8.10	6.3	1.720	97.2	3.2	0.8
635	10/1/2015 23:00:53	16.34	49.67	32.55	7.85	8.10	6.8	1.824	97.6	3.8	0.9
636	10/1/2015 23:15:53	16.20	49.64	32.52	7.90	8.10	7.1	1.898	97.9	3.6	0.8
637	10/1/2015 23:30:53	16.14	49.65	32.53	7.91	8.10	6.4	1.994	98.0	4.1	1.0
638	10/1/2015 23:45:53	16.08	49.60	32.50	7.92	8.10	6.0	2.100	97.9	3.5	0.8
639	10/2/2015 00:00:53	16.08	49.64	32.52	7.90	8.10	6.0	2.189	97.6	3.5	0.8
640	10/2/2015 00:15:53	16.00	49.66	32.53	7.89	8.11	6.5	2.278	97.4	3.1	0.7
641	10/2/2015 00:30:53	15.90	49.62	32.51	7.89	8.11	6.5	2.385	97.3	3.1	0.7
642	10/2/2015 00:45:53	15.83	49.61	32.50	7.91	8.11	5.6	2.472	97.4	3.2	0.8
643	10/2/2015 01:00:53	15.69	49.60	32.49	7.94	8.12	5.7	2.574	97.4	3.4	0.8
644	10/2/2015 01:15:53	15.52	49.58	32.47	8.00	8.12	6.6	2.680	97.8	3.6	0.9
645	10/2/2015 01:30:53	15.38	49.59	32.47	8.03	8.13	7.3	2.760	97.9	3.6	0.9
646	10/2/2015 01:45:53	15.29	49.50	32.41	8.06	8.13	8.2	2.860	98.1	3.9	0.9
647	10/2/2015 02:00:53	15.04	49.53	32.42	8.17	8.14	9.0	2.953	98.9	4.2	1.0
648	10/2/2015 02:15:53	14.72	49.56	32.43	8.26	8.15	9.4	3.033	99.4	3.4	0.8
649	10/2/2015 02:30:53	14.39	49.49	32.37	8.26	8.16	8.2	3.118	98.7	4.6	1.1
650	10/2/2015 02:45:53	14.18	49.50	32.38	8.27	8.16	9.0	3.205	98.4	3.9	0.9
651	10/2/2015 03:00:53	13.98	49.56	32.41	8.30	8.17	7.5	3.290	98.4	4.7	1.1
652	10/2/2015 03:15:53	13.81	49.58	32.42	8.33	8.18	7.1	3.352	98.4	3.8	0.9
653	10/2/2015 03:30:53	13.66	49.61	32.44	8.37	8.18	5.4	3.419	98.5	3.5	0.8
654	10/2/2015 03:45:52	13.57	49.52	32.37	8.37	8.18	6.6	3.481	98.3	3.1	0.7
655	10/2/2015 04:00:53	14.18	49.58	32.43	7.94	8.15	5.2	3.501	94.5	4.4	1.0
656	10/2/2015 04:15:53	14.00	49.60	32.44	7.98	8.15	3.1	3.516	94.7	3.5	0.8
657	10/2/2015 04:30:53	13.57	49.60	32.43	8.13	8.17	2.8	3.511	95.5	2.8	0.7
658	10/2/2015 04:45:53	13.77	49.53	32.39	8.11	8.17	3.4	3.475	95.7	2.7	0.6
659	10/2/2015 05:00:53	13.78	49.62	32.45	8.13	8.17	3.8	3.421	96.0	2.5	0.6
660	10/2/2015 05:15:53	14.33	49.60	32.46	8.00	8.15	5.9	3.350	95.5	2.8	0.7
661	10/2/2015 05:30:53	14.04	49.52	32.39	8.09	8.16	5.3	3.274	95.9	3.7	0.9
662	10/2/2015 05:45:53	13.86	49.54	32.39	8.16	8.17	4.8	3.178	96.5	3.0	0.7
663	10/2/2015 06:00:53	14.20	49.57	32.43	8.01	8.16	5.7	3.085	95.4	3.6	0.8
664	10/2/2015 06:15:53	14.60	49.59	32.45	7.82	8.14	5.0	2.997	93.9	2.8	0.7
665	10/2/2015 06:30:53	14.73	49.40	32.32	7.74	8.13	5.7	2.908	93.0	2.9	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
666	10/2/2015 06:45:53	15.06	49.57	32.45	7.56	8.11	6.3	2.816	91.6	3.1	0.7
667	10/2/2015 07:00:53	15.28	49.57	32.46	7.31	8.09	6.6	2.738	88.9	2.6	0.6
668	10/2/2015 07:15:53	15.40	49.56	32.45	7.17	8.06	7.1	2.662	87.5	3.3	0.8
669	10/2/2015 07:30:53	15.36	49.48	32.39	7.26	8.07	6.3	2.572	88.5	2.4	0.6
670	10/2/2015 07:45:53	15.39	49.54	32.44	7.06	8.05	7.1	2.502	86.1	2.7	0.6
671	10/2/2015 08:00:53	15.45	49.49	32.40	7.19	8.06	6.6	2.436	87.7	2.9	0.7
672	10/2/2015 08:15:53	15.43	49.54	32.44	7.20	8.06	6.2	2.360	87.8	2.0	0.5
673	10/2/2015 08:30:53	15.43	49.51	32.41	7.33	8.07	5.9	2.303	89.4	2.6	0.6
674	10/2/2015 08:45:53	15.33	49.48	32.39	7.22	8.06	5.6	2.264	87.9	2.8	0.7
675	10/2/2015 09:00:53	15.35	49.48	32.39	7.22	8.06	5.6	2.213	88.0	2.3	0.5
676	10/2/2015 09:15:53	15.32	49.53	32.42	7.31	8.07	4.3	2.183	89.1	2.6	0.6
677	10/2/2015 09:30:53	15.37	49.50	32.40	7.26	8.06	5.4	2.197	88.5	2.6	0.6
678	10/2/2015 09:45:53	15.35	49.41	32.34	7.27	8.07	4.9	2.197	88.5	3.0	0.7
679	10/2/2015 10:00:53	15.40	49.36	32.30	7.36	8.07	4.6	2.214	89.7	2.5	0.6
680	10/2/2015 10:15:53	15.52	49.37	32.31	7.46	8.08	4.5	2.265	91.2	2.5	0.6
681	10/2/2015 10:30:53	15.57	49.40	32.33	7.51	8.09	4.9	2.337	91.8	2.4	0.6
682	10/2/2015 10:45:53	15.56	49.39	32.33	7.51	8.08	5.1	2.409	91.8	2.5	0.6
683	10/2/2015 11:00:53	15.47	49.35	32.30	7.54	8.09	5.7	2.487	92.0	2.7	0.6
684	10/2/2015 11:15:53	15.28	49.35	32.29	7.58	8.09	5.0	2.571	92.2	3.6	0.9
685	10/2/2015 11:30:53	15.18	49.28	32.24	7.64	8.10	4.8	2.657	92.7	2.4	0.6
686	10/2/2015 11:45:53	15.15	49.29	32.25	7.72	8.10	4.7	2.730	93.5	2.4	0.6
687	10/2/2015 12:00:53	14.98	49.31	32.26	7.81	8.11	5.5	2.810	94.3	3.1	0.7
688	10/2/2015 12:15:53	14.86	49.32	32.26	7.90	8.12	5.6	2.901	95.2	2.4	0.6
689	10/2/2015 12:30:53	14.81	49.30	32.24	7.92	8.13	5.5	2.981	95.4	2.9	0.7
690	10/2/2015 12:45:53	14.63	49.27	32.22	7.98	8.13	6.6	3.060	95.7	3.7	0.9
691	10/2/2015 13:00:53	14.42	49.27	32.21	8.03	8.14	5.9	3.153	95.9	3.3	0.8
692	10/2/2015 13:15:53	14.27	49.26	32.21	8.05	8.15	7.3	3.241	95.8	3.4	0.8
693	10/2/2015 13:30:53	14.07	49.22	32.17	8.09	8.15	6.6	3.338	95.9	2.7	0.6
694	10/2/2015 13:45:53	13.74	49.24	32.17	8.22	8.17	5.9	3.426	96.8	3.7	0.9
695	10/2/2015 14:00:53	13.46	49.24	32.16	8.34	8.18	6.6	3.520	97.6	3.8	0.9
696	10/2/2015 14:15:53	13.17	49.29	32.19	8.44	8.20	5.5	3.594	98.2	3.6	0.8
697	10/2/2015 14:30:52	12.99	49.29	32.18	8.42	8.20	6.0	3.673	97.7	3.5	0.8
698	10/2/2015 14:45:53	12.81	49.27	32.16	8.42	8.20	4.8	3.751	97.3	3.3	0.8
699	10/2/2015 15:00:53	12.66	49.36	32.22	8.36	8.20	4.2	3.809	96.3	4.3	1.0
700	10/2/2015 15:15:53	12.62	49.43	32.27	8.34	8.20	2.7	3.845	96.1	5.9	1.4
701	10/2/2015 15:30:52	12.58	49.38	32.23	8.27	8.20	2.2	3.882	95.1	4.5	1.1
702	10/2/2015 15:45:53	12.87	49.46	32.30	8.34	8.20	1.9	3.897	96.5	2.5	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
703	10/2/2015 16:00:53	12.72	49.47	32.30	8.14	8.19	1.8	3.897	94.0	2.3	0.5
704	10/2/2015 16:15:52	12.61	49.48	32.31	8.15	8.19	2.1	3.849	93.8	2.5	0.6
705	10/2/2015 16:30:53	12.63	49.44	32.27	8.15	8.19	2.7	3.791	93.8	3.3	0.8
706	10/2/2015 16:45:53	12.88	49.47	32.31	8.34	8.21	2.9	3.718	96.6	4.3	1.0
707	10/2/2015 17:00:53	13.11	49.44	32.30	8.55	8.22	5.1	3.642	99.5	4.1	1.0
708	10/2/2015 17:15:53	13.38	49.44	32.30	8.66	8.23	5.7	3.537	101.3	3.8	0.9
709	10/2/2015 17:30:53	13.80	49.43	32.32	8.57	8.21	8.3	3.429	101.1	2.9	0.7
710	10/2/2015 17:45:53	14.08	49.40	32.30	8.49	8.20	9.2	3.326	100.8	4.0	0.9
711	10/2/2015 18:00:53	14.22	49.47	32.35	8.47	8.20	10.5	3.213	100.8	4.3	1.0
712	10/2/2015 18:15:53	14.53	49.45	32.35	8.45	8.19	18.0	3.113	101.2	4.6	1.1
713	10/2/2015 18:30:53	14.84	49.43	32.34	8.39	8.18	22.3	2.988	101.1	3.9	0.9
714	10/2/2015 18:45:53	15.10	49.37	32.30	8.36	8.18	25.4	2.871	101.2	5.0	1.2
715	10/2/2015 19:00:53	15.15	49.48	32.38	8.34	8.17	35.8	2.752	101.1	4.3	1.0
716	10/2/2015 19:15:53	15.11	49.49	32.39	8.27	8.17	42.9	2.636	100.2	6.0	1.4
717	10/2/2015 19:30:53	14.84	49.39	32.32	8.20	8.16	51.1	2.511	98.8	6.3	1.5
718	10/2/2015 19:45:53	14.84	49.45	32.36	8.15	8.15	58.9	2.390	98.3	7.0	1.7
719	10/2/2015 20:00:53	14.84	49.50	32.39	8.13	8.15	66.5	2.263	98.0	7.0	1.7
720	10/2/2015 20:15:53	14.90	49.46	32.37	8.10	8.14	73.2	2.119	97.8	6.9	1.7
721	10/2/2015 20:30:53	15.16	49.50	32.40	8.03	8.13	88.8	1.993	97.4	8.2	1.9
722	10/2/2015 20:45:53	15.11	49.46	32.37	7.98	8.13	57.6	1.874	96.8	7.1	1.7
723	10/2/2015 21:00:53	14.92	49.52	32.41	7.94	8.12	41.9	1.756	95.9	5.8	1.4
724	10/2/2015 21:15:53	15.25	49.54	32.43	7.87	8.11	37.7	1.640	95.7	5.2	1.2
725	10/2/2015 21:30:53	15.36	49.58	32.47	7.82	8.11	33.1	1.562	95.4	5.3	1.3
726	10/2/2015 21:45:53	15.54	49.41	32.34	7.77	8.10	29.2	1.483	95.0	5.8	1.4
727	10/2/2015 22:00:53	15.70	49.53	32.43	7.72	8.10	25.9	1.432	94.8	5.2	1.2
728	10/2/2015 22:15:53	15.84	49.56	32.46	7.71	8.10	24.4	1.386	94.9	4.9	1.2
729	10/2/2015 22:30:53	15.97	49.58	32.48	7.70	8.09	23.3	1.410	95.0	5.2	1.2
730	10/2/2015 22:45:53	16.04	49.56	32.46	7.83	8.10	21.6	1.462	96.7	4.9	1.2
731	10/2/2015 23:00:53	16.13	49.54	32.45	7.85	8.10	21.9	1.502	97.2	4.9	1.2
732	10/2/2015 23:15:53	16.49	49.46	32.39	7.92	8.11	22.9	1.557	98.7	5.4	1.3
733	10/2/2015 23:30:52	16.41	49.51	32.43	7.92	8.11	22.7	1.657	98.6	5.2	1.2
734	10/2/2015 23:45:53	16.34	49.49	32.42	7.91	8.10	21.1	1.732	98.2	4.5	1.1
735	10/3/2015 00:00:53	16.34	49.57	32.48	7.87	8.10	19.7	1.811	97.8	5.5	1.3
736	10/3/2015 00:15:53	16.12	49.28	32.26	7.86	8.10	21.9	1.902	97.1	5.0	1.2
737	10/3/2015 00:30:53	16.02	49.30	32.27	7.89	8.10	18.9	2.005	97.3	4.9	1.2
738	10/3/2015 00:45:53	15.99	49.39	32.34	7.90	8.10	15.6	2.073	97.4	4.4	1.0
739	10/3/2015 01:00:53	16.03	49.26	32.25	7.89	8.10	15.7	2.173	97.3	3.9	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
740	10/3/2015 01:15:53	16.04	49.48	32.40	7.86	8.10	18.0	2.268	97.1	4.7	1.1
741	10/3/2015 01:30:53	15.92	49.42	32.36	7.89	8.11	16.6	2.362	97.1	4.5	1.1
742	10/3/2015 01:45:53	15.78	49.69	32.55	7.89	8.11	17.0	2.449	97.1	3.6	0.8
743	10/3/2015 02:00:53	15.71	49.68	32.54	7.91	8.11	15.5	2.528	97.1	5.1	1.2
744	10/3/2015 02:15:53	15.58	49.63	32.50	7.93	8.12	16.6	2.617	97.0	3.9	0.9
745	10/3/2015 02:30:53	15.45	49.60	32.48	7.96	8.12	17.9	2.687	97.3	3.7	0.9
746	10/3/2015 02:45:53	15.31	49.62	32.49	8.02	8.13	22.7	2.772	97.6	4.5	1.1
747	10/3/2015 03:00:53	15.13	49.60	32.47	8.05	8.13	30.3	2.844	97.7	4.3	1.0
748	10/3/2015 03:15:53	14.87	49.60	32.47	8.13	8.14	26.9	2.927	98.1	4.4	1.0
749	10/3/2015 03:30:53	14.67	49.55	32.42	8.16	8.15	26.4	3.001	98.0	4.4	1.0
750	10/3/2015 03:45:53	14.28	49.57	32.43	8.23	8.15	22.8	3.078	98.1	4.6	1.1
751	10/3/2015 04:00:53	13.94	49.56	32.41	8.25	8.16	15.9	3.139	97.7	3.6	0.9
752	10/3/2015 04:15:53	13.84	49.59	32.43	8.23	8.16	13.6	3.197	97.3	3.8	0.9
753	10/3/2015 04:30:53	13.72	49.60	32.43	8.21	8.17	9.0	3.263	96.8	2.9	0.7
754	10/3/2015 04:45:53	13.67	49.56	32.40	8.20	8.17	5.4	3.297	96.6	3.2	0.8
755	10/3/2015 05:00:53	14.13	49.80	32.59	7.87	8.14	6.1	3.321	93.6	4.2	1.0
756	10/3/2015 05:15:53	14.21	49.68	32.51	7.82	8.13	5.9	3.356	93.2	3.2	0.8
757	10/3/2015 05:30:53	13.86	49.67	32.49	7.90	8.14	6.3	3.339	93.5	2.7	0.6
758	10/3/2015 05:45:53	13.93	49.57	32.42	7.91	8.15	7.1	3.306	93.6	3.0	0.7
759	10/3/2015 06:00:53	13.82	49.61	32.44	7.97	8.15	6.4	3.275	94.2	2.5	0.6
760	10/3/2015 06:15:53	14.01	49.62	32.46	7.95	8.15	9.6	3.232	94.3	2.1	0.5
761	10/3/2015 06:30:53	14.65	49.63	32.49	7.81	8.14	246.3	3.143	93.9	3.3	0.8
762	10/3/2015 06:45:53	13.94	49.55	32.41	8.00	8.14	8.3	3.070	94.7	3.0	0.7
763	10/3/2015 07:00:53	13.84	49.60	32.44	8.06	8.15	7.2	3.017	95.2	3.4	0.8
764	10/3/2015 07:15:53	14.22	49.63	32.47	7.94	8.15	8.1	2.921	94.7	3.3	0.8
765	10/3/2015 07:30:53	14.55	49.66	32.50	7.74	8.13	9.0	2.857	92.9	2.7	0.7
766	10/3/2015 07:45:53	14.67	49.66	32.51	7.65	8.12	8.1	2.778	92.0	2.3	0.6
767	10/3/2015 08:00:53	14.98	49.65	32.50	7.46	8.10	9.4	2.714	90.3	2.9	0.7
768	10/3/2015 08:15:53	15.08	49.64	32.50	7.35	8.08	10.0	2.643	89.2	4.2	1.0
769	10/3/2015 08:30:53	15.15	49.68	32.53	7.33	8.08	10.7	2.585	89.0	2.6	0.6
770	10/3/2015 08:45:53	15.11	49.69	32.54	7.36	8.08	9.3	2.523	89.3	2.6	0.6
771	10/3/2015 09:00:53	15.13	49.66	32.52	7.43	8.09	8.4	2.479	90.2	2.8	0.7
772	10/3/2015 09:15:53	15.12	49.66	32.52	7.39	8.09	8.2	2.418	89.7	3.4	0.8
773	10/3/2015 09:30:53	15.23	49.68	32.54	7.36	8.08	7.8	2.364	89.5	3.3	0.8
774	10/3/2015 09:45:53	15.13	49.69	32.54	7.53	8.09	7.5	2.330	91.4	3.2	0.8
775	10/3/2015 10:00:53	15.28	49.71	32.56	7.48	8.09	7.6	2.307	91.1	3.2	0.8
776	10/3/2015 10:15:53	15.25	49.65	32.51	7.61	8.10	6.9	2.281	92.6	3.8	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
777	10/3/2015 10:30:53	15.30	49.63	32.50	7.56	8.09	7.4	2.292	92.0	3.0	0.7
778	10/3/2015 10:45:53	15.21	49.64	32.51	7.55	8.09	6.5	2.286	91.8	2.4	0.6
779	10/3/2015 11:00:53	15.30	49.66	32.52	7.53	8.09	7.1	2.315	91.7	2.9	0.7
780	10/3/2015 11:15:53	15.30	49.66	32.52	7.54	8.09	7.9	2.362	91.8	3.4	0.8
781	10/3/2015 11:30:53	15.30	49.65	32.52	7.58	8.10	8.4	2.400	92.3	3.1	0.7
782	10/3/2015 11:45:53	15.25	49.66	32.52	7.57	8.10	8.7	2.457	92.1	3.9	0.9
783	10/3/2015 12:00:53	15.24	49.63	32.50	7.59	8.10	8.4	2.516	92.4	2.9	0.7
784	10/3/2015 12:15:53	15.16	49.66	32.52	7.58	8.10	11.2	2.583	92.0	2.9	0.7
785	10/3/2015 12:30:53	15.08	49.63	32.49	7.65	8.10	13.6	2.661	92.7	2.8	0.7
786	10/3/2015 12:45:53	14.94	49.64	32.50	7.73	8.11	12.8	2.724	93.4	2.3	0.5
787	10/3/2015 13:00:53	14.67	49.61	32.47	7.88	8.12	11.8	2.797	94.8	3.6	0.8
788	10/3/2015 13:15:53	14.52	49.56	32.43	7.99	8.13	10.3	2.877	95.7	3.0	0.7
789	10/3/2015 13:30:53	14.52	49.54	32.42	8.01	8.14	9.2	2.955	95.9	2.9	0.7
790	10/3/2015 13:45:53	14.51	49.57	32.43	8.03	8.14	10.6	3.024	96.2	2.0	0.5
791	10/3/2015 14:00:53	14.41	49.58	32.44	8.08	8.14	9.9	3.100	96.7	3.1	0.7
792	10/3/2015 14:15:53	14.17	49.54	32.41	8.18	8.15	9.7	3.178	97.3	3.1	0.7
793	10/3/2015 14:30:53	13.95	49.59	32.43	8.22	8.15	12.3	3.254	97.4	3.9	0.9
794	10/3/2015 14:45:53	13.87	49.60	32.44	8.25	8.16	12.5	3.334	97.6	2.8	0.7
795	10/3/2015 15:00:53	13.73	49.53	32.38	8.31	8.16	10.1	3.404	97.9	3.7	0.9
796	10/3/2015 15:15:53	13.42	49.57	32.40	8.37	8.16	8.5	3.484	98.1	4.6	1.1
797	10/3/2015 15:30:53	13.27	49.58	32.40	8.41	8.16	6.9	3.544	98.3	3.8	0.9
798	10/3/2015 15:45:53	13.14	49.56	32.38	8.44	8.17	6.2	3.586	98.3	4.1	1.0
799	10/3/2015 16:00:53	13.00	49.55	32.37	8.46	8.17	6.1	3.631	98.2	3.1	0.7
800	10/3/2015 16:15:53	12.90	49.51	32.34	8.46	8.17	3.8	3.659	98.0	3.4	0.8
801	10/3/2015 16:30:53	12.85	49.61	32.41	8.39	8.16	4.5	3.674	97.1	2.9	0.7
802	10/3/2015 16:45:53	12.86	49.49	32.32	8.18	8.14	4.0	3.667	94.6	1.6	0.4
803	10/3/2015 17:00:53	12.90	49.55	32.37	8.34	8.16	7.2	3.640	96.7	2.5	0.6
804	10/3/2015 17:15:53	13.11	49.56	32.38	8.36	8.16	7.9	3.596	97.3	3.9	0.9
805	10/3/2015 17:30:53	13.50	49.59	32.42	8.39	8.17	18.7	3.533	98.5	3.8	0.9
806	10/3/2015 17:45:53	13.63	49.60	32.43	8.36	8.17	20.3	3.474	98.3	4.7	1.1
807	10/3/2015 18:00:53	13.52	49.60	32.43	8.40	8.17	18.3	3.401	98.7	4.3	1.0
808	10/3/2015 18:15:53	13.55	49.61	32.44	8.39	8.16	22.2	3.307	98.5	4.9	1.2
809	10/3/2015 18:30:53	14.03	49.55	32.41	8.28	8.16	28.9	3.231	98.2	4.4	1.0
810	10/3/2015 18:45:53	14.40	49.63	32.48	8.19	8.16	34.9	3.138	98.0	5.1	1.2
811	10/3/2015 19:00:53	14.60	49.63	32.48	8.15	8.16	35.4	3.038	97.9	5.4	1.3
812	10/3/2015 19:15:53	14.89	49.57	32.45	8.05	8.15	44.8	2.945	97.2	5.8	1.4
813	10/3/2015 19:30:53	15.10	49.63	32.50	7.97	8.14	63.7	2.847	96.6	7.2	1.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
814	10/3/2015 19:45:52	15.08	49.63	32.50	7.98	8.14	50.8	2.740	96.7	6.0	1.4
815	10/3/2015 20:00:53	15.28	49.69	32.54	7.90	8.13	37.8	2.642	96.2	6.2	1.5
816	10/3/2015 20:15:53	15.22	49.69	32.54	7.86	8.12	35.8	2.542	95.5	4.8	1.1
817	10/3/2015 20:30:53	15.25	49.69	32.54	7.83	8.11	36.4	2.433	95.3	5.3	1.3
818	10/3/2015 20:45:53	14.93	49.69	32.53	7.80	8.11	31.3	2.329	94.3	4.8	1.1
819	10/3/2015 21:00:53	15.00	49.62	32.49	7.82	8.11	29.4	2.219	94.6	5.3	1.3
820	10/3/2015 21:15:53	14.83	49.69	32.53	7.76	8.11	25.6	2.100	93.6	5.0	1.2
821	10/3/2015 21:30:53	15.03	49.70	32.54	7.78	8.11	25.3	2.014	94.2	4.6	1.1
822	10/3/2015 21:45:52	14.93	49.66	32.51	7.72	8.10	21.7	1.906	93.3	4.1	1.0
823	10/3/2015 22:00:53	15.04	49.70	32.54	7.66	8.10	20.9	1.793	92.8	4.3	1.0
824	10/3/2015 22:15:53	15.22	49.72	32.56	7.60	8.09	21.6	1.702	92.4	4.3	1.0
825	10/3/2015 22:30:52	15.02	49.72	32.56	7.47	8.08	19.9	1.620	90.5	4.1	1.0
826	10/3/2015 22:45:53	15.10	49.71	32.55	7.45	8.08	19.0	1.563	90.4	4.7	1.1
827	10/3/2015 23:00:53	15.23	49.73	32.57	7.43	8.07	19.1	1.503	90.3	4.7	1.1
828	10/3/2015 23:15:53	15.39	49.64	32.51	7.44	8.07	14.3	1.506	90.7	4.7	1.1
829	10/3/2015 23:30:52	15.41	49.71	32.56	7.45	8.08	16.4	1.485	91.0	4.1	1.0
830	10/3/2015 23:45:53	15.40	49.71	32.56	7.52	8.08	15.7	1.489	91.8	4.1	1.0
831	10/4/2015 00:00:53	15.46	49.75	32.59	7.54	8.08	15.9	1.539	92.2	4.1	1.0
832	10/4/2015 00:15:53	15.60	49.73	32.58	7.56	8.08	17.5	1.573	92.7	3.8	0.9
833	10/4/2015 00:30:53	15.68	49.78	32.62	7.57	8.08	19.5	1.667	92.9	4.7	1.1
834	10/4/2015 00:45:53	15.63	49.78	32.62	7.53	8.07	19.3	1.713	92.4	4.4	1.0
835	10/4/2015 01:00:53	15.61	49.74	32.58	7.55	8.07	19.1	1.805	92.6	4.2	1.0
836	10/4/2015 01:15:53	15.43	49.75	32.59	7.58	8.08	19.0	1.898	92.6	3.8	0.9
837	10/4/2015 01:30:53	15.41	49.75	32.59	7.57	8.08	17.1	1.954	92.4	3.7	0.9
838	10/4/2015 01:45:53	15.33	49.72	32.57	7.58	8.08	16.1	2.044	92.4	4.1	1.0
839	10/4/2015 02:00:53	15.43	49.76	32.60	7.59	8.08	15.7	2.129	92.7	4.9	1.2
840	10/4/2015 02:15:53	15.43	49.70	32.55	7.58	8.08	15.6	2.208	92.6	3.8	0.9
841	10/4/2015 02:30:53	15.44	49.75	32.59	7.58	8.08	16.1	2.272	92.6	3.7	0.9
842	10/4/2015 02:45:53	15.26	49.74	32.58	7.71	8.09	14.0	2.358	93.8	4.2	1.0
843	10/4/2015 03:00:53	15.14	49.68	32.53	7.78	8.10	12.8	2.433	94.4	3.9	0.9
844	10/4/2015 03:15:53	15.00	49.68	32.53	7.85	8.11	11.7	2.507	95.0	3.6	0.8
845	10/4/2015 03:30:53	14.85	49.69	32.53	7.90	8.11	12.9	2.583	95.3	3.2	0.8
846	10/4/2015 03:45:53	14.80	49.67	32.51	7.90	8.11	12.5	2.662	95.2	3.2	0.8
847	10/4/2015 04:00:53	14.71	49.68	32.52	7.93	8.12	14.3	2.735	95.4	4.0	1.0
848	10/4/2015 04:15:53	14.60	49.66	32.51	7.93	8.12	18.9	2.798	95.3	3.7	0.9
849	10/4/2015 04:30:53	14.40	49.65	32.49	8.00	8.12	23.6	2.870	95.7	4.0	1.0
850	10/4/2015 04:45:53	14.21	49.64	32.48	8.08	8.13	20.4	2.947	96.2	4.3	1.0

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
851	10/4/2015 05:00:53	14.11	49.63	32.47	8.10	8.14	17.8	3.010	96.3	3.6	0.8
852	10/4/2015 05:15:53	13.90	49.61	32.44	8.15	8.14	17.3	3.081	96.5	4.2	1.0
853	10/4/2015 05:30:53	13.59	49.58	32.42	8.25	8.14	14.3	3.123	97.0	3.8	0.9
854	10/4/2015 05:45:53	13.48	49.62	32.44	8.25	8.15	11.4	3.178	96.8	4.0	1.0
855	10/4/2015 06:00:53	13.52	49.57	32.40	8.15	8.14	11.0	3.213	95.7	2.7	0.6
856	10/4/2015 06:15:53	14.28	49.69	32.52	7.31	8.08	10.6	3.234	87.2	3.4	0.8
857	10/4/2015 06:30:53	13.83	49.65	32.47	7.77	8.11	7.1	3.245	91.8	3.6	0.8
858	10/4/2015 06:45:53	13.58	49.63	32.45	7.94	8.12	7.7	3.241	93.3	2.2	0.5
859	10/4/2015 07:00:53	14.15	49.69	32.51	7.12	8.05	11.7	3.228	84.7	3.2	0.8
860	10/4/2015 07:15:53	13.74	49.56	32.41	7.91	8.12	10.6	3.175	93.2	2.5	0.6
861	10/4/2015 07:30:53	13.94	49.56	32.41	7.84	8.12	10.6	3.120	92.9	2.6	0.6
862	10/4/2015 07:45:53	14.05	49.55	32.41	7.79	8.12	12.0	3.067	92.4	3.0	0.7
863	10/4/2015 08:00:53	13.89	49.55	32.40	7.93	8.12	10.5	2.996	93.8	3.4	0.8
864	10/4/2015 08:15:53	13.79	49.53	32.39	8.05	8.13	8.9	2.943	95.0	2.8	0.7
865	10/4/2015 08:30:53	14.05	49.57	32.43	7.93	8.13	9.6	2.871	94.2	2.6	0.6
866	10/4/2015 08:45:53	14.29	49.55	32.41	7.75	8.12	9.2	2.801	92.5	2.9	0.7
867	10/4/2015 09:00:53	14.35	49.55	32.42	7.69	8.11	8.1	2.751	91.8	3.1	0.7
868	10/4/2015 09:15:53	14.50	49.58	32.44	7.61	8.10	9.0	2.696	91.2	3.4	0.8
869	10/4/2015 09:30:53	14.58	49.60	32.46	7.55	8.09	8.6	2.639	90.6	2.6	0.6
870	10/4/2015 09:45:53	14.63	49.64	32.49	7.62	8.09	7.9	2.590	91.5	2.8	0.7
871	10/4/2015 10:00:53	14.69	49.63	32.48	7.74	8.10	8.3	2.553	93.1	2.9	0.7
872	10/4/2015 10:15:53	14.74	49.58	32.45	7.74	8.10	8.0	2.515	93.2	2.0	0.5
873	10/4/2015 10:30:53	14.80	49.61	32.47	7.69	8.10	7.6	2.474	92.7	3.8	0.9
874	10/4/2015 10:45:53	14.87	49.64	32.49	7.66	8.10	7.8	2.437	92.4	2.1	0.5
875	10/4/2015 11:00:53	14.86	49.62	32.48	7.82	8.11	6.4	2.413	94.3	2.6	0.6
876	10/4/2015 11:15:53	14.92	49.64	32.50	7.57	8.09	6.6	2.412	91.5	2.3	0.5
877	10/4/2015 11:30:53	14.92	49.63	32.49	7.76	8.10	7.5	2.388	93.8	2.1	0.5
878	10/4/2015 11:45:53	14.80	49.62	32.48	7.63	8.08	7.8	2.394	92.0	3.2	0.8
879	10/4/2015 12:00:53	14.78	49.66	32.51	7.40	8.07	9.8	2.416	89.2	3.7	0.9
880	10/4/2015 12:15:53	14.77	49.66	32.51	7.60	8.09	8.9	2.442	91.6	3.1	0.7
881	10/4/2015 12:30:53	14.76	49.68	32.52	7.70	8.10	9.3	2.470	92.8	2.7	0.7
882	10/4/2015 12:45:53	14.75	49.70	32.54	7.67	8.09	9.5	2.508	92.4	2.9	0.7
883	10/4/2015 13:00:53	14.82	49.69	32.53	7.68	8.10	8.3	2.564	92.7	2.7	0.6
884	10/4/2015 13:15:53	14.74	49.64	32.49	7.71	8.10	8.1	2.617	92.8	2.7	0.6
885	10/4/2015 13:30:53	14.59	49.67	32.51	7.79	8.10	9.0	2.670	93.5	2.3	0.6
886	10/4/2015 13:45:53	14.51	49.64	32.49	7.94	8.11	8.2	2.732	95.1	2.7	0.6
887	10/4/2015 14:00:53	14.39	49.65	32.49	7.98	8.12	8.9	2.798	95.4	3.5	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
888	10/4/2015 14:15:53	14.18	49.63	32.47	8.01	8.12	9.8	2.865	95.4	2.5	0.6
889	10/4/2015 14:30:53	14.01	49.62	32.46	8.12	8.13	8.8	2.925	96.3	3.4	0.8
890	10/4/2015 14:45:53	13.98	49.58	32.43	8.19	8.14	8.7	2.995	97.1	2.6	0.6
891	10/4/2015 15:00:53	13.95	49.56	32.41	8.23	8.14	8.5	3.064	97.5	2.7	0.6
892	10/4/2015 15:15:53	13.96	49.55	32.40	8.30	8.15	11.6	3.132	98.3	2.5	0.6
893	10/4/2015 15:30:53	13.85	49.53	32.39	8.35	8.15	8.9	3.203	98.7	2.9	0.7
894	10/4/2015 15:45:53	13.58	49.58	32.41	8.39	8.15	7.8	3.258	98.6	3.7	0.9
895	10/4/2015 16:00:53	13.46	49.56	32.40	8.41	8.15	9.0	3.329	98.6	3.2	0.8
896	10/4/2015 16:15:53	13.33	49.55	32.39	8.45	8.16	7.0	3.387	98.8	2.5	0.6
897	10/4/2015 16:30:53	13.29	49.54	32.38	8.46	8.16	6.5	3.423	98.8	3.2	0.8
898	10/4/2015 16:45:53	13.25	49.55	32.38	8.46	8.15	5.5	3.466	98.8	2.6	0.6
899	10/4/2015 17:00:53	13.10	49.52	32.36	8.53	8.16	5.6	3.507	99.2	2.6	0.6
900	10/4/2015 17:15:53	13.09	49.49	32.33	8.49	8.16	3.7	3.520	98.8	3.3	0.8
901	10/4/2015 17:30:53	13.63	49.54	32.39	8.51	8.16	5.9	3.520	100.1	2.7	0.6
902	10/4/2015 17:45:53	13.22	49.54	32.37	8.32	8.14	3.9	3.532	97.0	1.1	0.3
903	10/4/2015 18:00:53	13.13	49.54	32.37	8.33	8.14	3.8	3.511	97.0	2.0	0.5
904	10/4/2015 18:15:53	13.18	49.52	32.36	8.31	8.15	3.8	3.469	96.9	2.8	0.7
905	10/4/2015 18:30:53	13.28	49.53	32.37	8.33	8.15	4.3	3.423	97.3	1.7	0.4
906	10/4/2015 18:45:53	13.76	49.53	32.38	8.34	8.16	7.0	3.367	98.4	3.0	0.7
907	10/4/2015 19:00:53	14.02	49.57	32.42	8.37	8.16	6.3	3.314	99.3	2.9	0.7
908	10/4/2015 19:15:53	13.92	49.59	32.43	8.46	8.16	6.3	3.225	100.2	3.7	0.9
909	10/4/2015 19:30:53	14.44	49.52	32.40	8.43	8.17	7.3	3.148	100.9	3.1	0.7
910	10/4/2015 19:45:53	14.52	49.60	32.45	8.41	8.16	7.9	3.074	100.8	3.2	0.8
911	10/4/2015 20:00:53	14.45	49.62	32.47	8.40	8.16	7.0	2.987	100.5	4.0	1.0
912	10/4/2015 20:15:53	14.44	49.60	32.46	8.37	8.15	7.1	2.907	100.2	3.6	0.9
913	10/4/2015 20:30:53	14.57	49.63	32.48	8.33	8.15	8.5	2.812	99.9	3.1	0.7
914	10/4/2015 20:45:53	14.74	49.61	32.47	8.28	8.14	8.2	2.725	99.6	3.3	0.8
915	10/4/2015 21:00:53	14.86	49.63	32.49	8.17	8.13	8.4	2.639	98.6	3.5	0.8
916	10/4/2015 21:15:53	15.04	49.63	32.49	8.20	8.14	7.7	2.547	99.3	3.7	0.9
917	10/4/2015 21:30:53	15.23	49.63	32.50	8.22	8.14	8.9	2.459	100.0	3.4	0.8
918	10/4/2015 21:45:53	15.22	49.67	32.53	8.01	8.12	11.2	2.358	97.4	3.7	0.9
919	10/4/2015 22:00:53	15.21	49.66	32.52	8.04	8.12	10.4	2.267	97.8	3.9	0.9
920	10/4/2015 22:15:53	15.05	49.63	32.49	8.00	8.11	10.0	2.167	96.9	3.3	0.8
921	10/4/2015 22:30:53	15.18	49.66	32.52	7.94	8.11	9.9	2.071	96.4	3.2	0.8
922	10/4/2015 22:45:53	15.24	49.62	32.49	7.92	8.11	9.7	1.980	96.3	3.5	0.8
923	10/4/2015 23:00:53	15.30	49.67	32.53	7.86	8.10	9.8	1.873	95.7	4.1	1.0
924	10/4/2015 23:15:53	15.19	49.66	32.52	7.79	8.09	9.6	1.796	94.6	3.3	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
925	10/4/2015 23:30:53	15.30	49.66	32.52	7.73	8.09	8.8	1.737	94.2	3.2	0.8
926	10/4/2015 23:45:53	15.33	49.69	32.54	7.65	8.08	8.0	1.671	93.3	2.9	0.7
927	10/5/2015 00:00:53	15.44	49.68	32.54	7.65	8.08	8.1	1.618	93.5	3.9	0.9
928	10/5/2015 00:15:53	15.63	49.68	32.54	7.69	8.08	7.2	1.601	94.2	3.8	0.9
929	10/5/2015 00:30:53	15.77	49.68	32.54	7.59	8.08	7.6	1.606	93.3	3.8	0.9
930	10/5/2015 00:45:53	15.78	49.74	32.59	7.79	8.09	7.4	1.607	95.8	2.8	0.7
931	10/5/2015 01:00:53	15.85	49.72	32.57	7.84	8.09	7.1	1.641	96.5	3.4	0.8
932	10/5/2015 01:15:53	15.89	49.69	32.55	7.85	8.09	7.0	1.686	96.7	2.9	0.7
933	10/5/2015 01:30:53	15.95	49.69	32.56	7.91	8.10	7.1	1.754	97.6	3.1	0.7
934	10/5/2015 01:45:53	15.85	49.63	32.51	7.89	8.09	7.6	1.822	97.1	3.9	0.9
935	10/5/2015 02:00:53	16.03	49.61	32.50	7.98	8.10	9.0	1.892	98.6	3.5	0.8
936	10/5/2015 02:15:53	16.16	49.65	32.53	8.01	8.10	10.6	1.968	99.2	4.1	1.0
937	10/5/2015 02:30:53	15.99	49.62	32.50	7.95	8.10	9.0	2.041	98.2	3.1	0.7
938	10/5/2015 02:45:53	15.82	49.55	32.45	7.91	8.09	7.9	2.124	97.3	3.7	0.9
939	10/5/2015 03:00:53	15.75	49.62	32.50	7.88	8.09	7.2	2.185	96.8	2.9	0.7
940	10/5/2015 03:15:53	15.62	49.64	32.51	7.86	8.09	7.4	2.251	96.4	2.8	0.7
941	10/5/2015 03:30:53	15.36	49.56	32.45	7.86	8.10	8.8	2.337	95.7	3.2	0.8
942	10/5/2015 03:45:53	15.21	49.59	32.47	7.81	8.09	6.8	2.402	94.9	3.2	0.8
943	10/5/2015 04:00:53	15.13	49.58	32.46	7.82	8.09	6.3	2.471	94.9	3.1	0.7
944	10/5/2015 04:15:52	15.10	49.54	32.43	7.83	8.10	6.1	2.540	94.9	2.5	0.6
945	10/5/2015 04:30:53	15.03	49.57	32.45	7.85	8.10	6.3	2.621	95.1	2.7	0.6
946	10/5/2015 04:45:53	14.92	49.60	32.47	7.90	8.10	8.1	2.692	95.4	3.1	0.7
947	10/5/2015 05:00:53	14.80	49.59	32.45	7.92	8.10	8.0	2.755	95.5	2.9	0.7
948	10/5/2015 05:15:53	14.73	49.54	32.42	7.96	8.11	8.2	2.838	95.8	2.5	0.6
949	10/5/2015 05:30:53	14.57	49.55	32.42	8.02	8.11	10.0	2.905	96.2	4.1	1.0
950	10/5/2015 05:45:53	14.41	49.56	32.43	8.09	8.12	11.3	2.978	96.7	2.8	0.7
951	10/5/2015 06:00:54	14.23	49.60	32.45	8.12	8.12	9.9	3.045	96.8	3.5	0.8
952	10/5/2015 06:15:53	14.04	49.57	32.42	8.21	8.13	9.3	3.114	97.4	2.1	0.5
953	10/5/2015 06:30:53	13.85	49.57	32.41	8.27	8.13	9.4	3.176	97.7	3.9	0.9
954	10/5/2015 06:45:53	13.69	49.52	32.37	8.28	8.13	7.4	3.214	97.5	3.2	0.8
955	10/5/2015 07:00:53	13.53	49.53	32.38	8.31	8.14	6.4	3.266	97.5	3.3	0.8
956	10/5/2015 07:15:53	14.28	49.54	32.41	7.82	8.11	6.8	3.297	93.3	3.2	0.8
957	10/5/2015 07:30:53	14.13	49.55	32.41	7.88	8.11	5.0	3.306	93.7	2.5	0.6
958	10/5/2015 07:45:53	13.73	49.62	32.45	7.97	8.11	5.4	3.304	94.0	2.1	0.5
959	10/5/2015 08:00:53	13.68	49.47	32.33	8.03	8.12	5.2	3.295	94.6	2.1	0.5
960	10/5/2015 08:15:53	13.89	49.57	32.41	7.92	8.11	6.0	3.266	93.6	2.6	0.6
961	10/5/2015 08:30:53	13.91	49.58	32.42	7.95	8.11	5.2	3.215	94.1	1.7	0.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
962	10/5/2015 08:45:53	14.38	49.58	32.44	7.76	8.10	6.6	3.169	92.7	2.8	0.7
963	10/5/2015 09:00:53	14.29	49.57	32.43	7.94	8.11	7.1	3.111	94.7	2.6	0.6
964	10/5/2015 09:15:53	14.04	49.51	32.38	8.27	8.14	4.9	3.054	98.1	2.0	0.5
965	10/5/2015 09:30:53	14.19	49.57	32.43	8.31	8.14	5.1	2.983	99.0	1.6	0.4
966	10/5/2015 09:45:53	14.49	49.46	32.36	8.19	8.13	5.3	2.923	98.0	2.4	0.6
967	10/5/2015 10:00:53	14.72	49.50	32.39	8.01	8.12	5.6	2.869	96.4	2.1	0.5
968	10/5/2015 10:15:53	14.76	49.55	32.42	7.85	8.11	5.4	2.816	94.5	2.1	0.5
969	10/5/2015 10:30:53	14.86	49.58	32.45	7.82	8.10	5.6	2.759	94.3	2.3	0.6
970	10/5/2015 10:45:53	14.99	49.58	32.46	7.74	8.09	5.2	2.713	93.7	2.8	0.7
971	10/5/2015 11:00:53	15.10	49.56	32.45	7.78	8.10	5.6	2.667	94.3	2.6	0.6
972	10/5/2015 11:15:53	15.08	49.61	32.48	7.67	8.08	5.1	2.627	93.0	2.3	0.5
973	10/5/2015 11:30:53	15.14	49.58	32.46	7.72	8.08	4.6	2.589	93.6	2.3	0.6
974	10/5/2015 11:45:53	15.16	49.60	32.48	7.71	8.08	4.6	2.536	93.5	2.4	0.6
975	10/5/2015 12:00:53	15.21	49.52	32.42	7.69	8.08	4.3	2.527	93.4	2.5	0.6
976	10/5/2015 12:15:53	15.25	49.58	32.46	7.60	8.07	5.2	2.506	92.4	2.0	0.5
977	10/5/2015 12:30:53	15.29	49.66	32.52	7.59	8.07	4.9	2.486	92.4	2.6	0.6
978	10/5/2015 12:45:53	15.42	49.66	32.52	7.82	8.08	4.0	2.472	95.4	2.5	0.6
979	10/5/2015 13:00:53	15.28	49.53	32.42	8.09	8.10	4.4	2.470	98.4	2.7	0.6
980	10/5/2015 13:15:53	15.46	49.64	32.51	8.09	8.11	4.0	2.495	98.9	3.6	0.9
981	10/5/2015 13:30:53	15.33	49.64	32.51	8.04	8.10	4.5	2.505	98.0	3.0	0.7
982	10/5/2015 13:45:53	15.36	49.64	32.51	8.03	8.10	4.2	2.522	97.9	3.6	0.9
983	10/5/2015 14:00:53	15.42	49.63	32.50	8.01	8.10	5.1	2.565	97.8	3.0	0.7
984	10/5/2015 14:15:53	15.40	49.59	32.47	7.98	8.10	5.0	2.605	97.3	2.6	0.6
985	10/5/2015 14:30:53	15.22	49.63	32.50	8.00	8.10	5.2	2.651	97.3	4.2	1.0
986	10/5/2015 14:45:53	15.10	49.62	32.49	8.07	8.10	4.9	2.699	97.8	2.6	0.6
987	10/5/2015 15:00:53	15.00	49.59	32.47	8.09	8.10	4.7	2.766	97.9	3.2	0.8
988	10/5/2015 15:15:53	14.96	49.57	32.44	8.19	8.11	4.7	2.819	99.1	3.1	0.7
989	10/5/2015 15:30:53	14.88	49.60	32.46	8.20	8.11	6.1	2.878	99.0	3.4	0.8
990	10/5/2015 15:45:53	14.75	49.58	32.45	8.19	8.11	5.2	2.941	98.6	3.3	0.8
991	10/5/2015 16:00:53	14.62	49.60	32.46	8.21	8.11	5.6	3.001	98.6	2.4	0.6
992	10/5/2015 16:15:53	14.48	49.54	32.42	8.28	8.12	5.7	3.062	99.1	2.3	0.5
993	10/5/2015 16:30:53	14.43	49.57	32.43	8.29	8.12	5.0	3.128	99.1	2.4	0.6
994	10/5/2015 16:45:53	14.36	49.57	32.43	8.30	8.13	4.9	3.180	99.2	3.1	0.7
995	10/5/2015 17:00:53	14.28	49.43	32.33	8.31	8.13	4.3	3.236	99.1	2.1	0.5
996	10/5/2015 17:15:53	14.08	49.55	32.41	8.39	8.14	4.4	3.288	99.6	2.4	0.6
997	10/5/2015 17:30:53	13.94	49.52	32.38	8.39	8.14	4.6	3.339	99.3	2.4	0.6
998	10/5/2015 17:45:53	13.87	49.54	32.39	8.43	8.14	3.8	3.380	99.7	2.9	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
999	10/5/2015 18:00:53	13.82	49.55	32.40	8.41	8.14	3.4	3.401	99.3	2.7	0.6
1000	10/5/2015 18:15:53	13.80	49.56	32.40	8.38	8.13	3.6	3.445	98.9	3.0	0.7
1001	10/5/2015 18:30:53	13.74	49.55	32.39	8.35	8.13	3.1	3.464	98.4	2.0	0.5
1002	10/5/2015 18:45:53	13.72	49.55	32.40	8.28	8.13	4.2	3.467	97.5	3.7	0.9
1003	10/5/2015 19:00:53	13.79	49.55	32.40	8.25	8.13	4.7	3.467	97.4	2.4	0.6
1004	10/5/2015 19:15:53	13.69	49.57	32.41	8.25	8.13	3.1	3.454	97.1	2.0	0.5
1005	10/5/2015 19:30:53	13.73	49.57	32.41	8.26	8.14	3.4	3.442	97.4	1.8	0.4
1006	10/5/2015 19:45:53	13.78	49.58	32.42	8.25	8.13	3.6	3.385	97.4	2.3	0.6
1007	10/5/2015 20:00:53	14.31	49.60	32.45	8.22	8.13	4.6	3.332	98.1	1.9	0.5
1008	10/5/2015 20:15:53	14.67	49.61	32.47	8.12	8.12	14.2	3.285	97.6	2.7	0.6
1009	10/5/2015 20:30:53	14.59	49.59	32.45	8.10	8.12	11.7	3.210	97.2	2.9	0.7
1010	10/5/2015 20:45:53	14.76	49.60	32.46	8.32	8.14	6.5	3.134	100.2	2.3	0.5
1011	10/5/2015 21:00:53	15.09	49.59	32.47	8.34	8.14	10.4	3.049	101.2	3.5	0.8
1012	10/5/2015 21:15:53	14.99	49.62	32.48	8.33	8.13	6.5	2.974	100.8	2.6	0.6
1013	10/5/2015 21:30:53	15.06	49.56	32.44	8.30	8.13	5.8	2.891	100.6	3.0	0.7
1014	10/5/2015 21:45:53	15.33	49.66	32.52	8.31	8.13	8.0	2.795	101.2	3.1	0.7
1015	10/5/2015 22:00:53	15.55	49.63	32.50	8.29	8.13	11.3	2.723	101.4	2.8	0.7
1016	10/5/2015 22:15:52	15.59	49.68	32.54	8.28	8.13	15.4	2.636	101.4	3.2	0.8
1017	10/5/2015 22:30:53	15.74	49.66	32.53	8.29	8.13	16.1	2.554	101.8	2.9	0.7
1018	10/5/2015 22:45:53	15.82	49.66	32.53	8.34	8.14	20.8	2.453	102.6	3.2	0.8
1019	10/5/2015 23:00:53	15.90	49.68	32.55	8.29	8.13	14.2	2.365	102.1	3.9	0.9
1020	10/5/2015 23:15:53	15.87	49.64	32.52	8.18	8.13	13.9	2.275	100.7	3.0	0.7
1021	10/5/2015 23:30:53	15.63	49.62	32.50	7.94	8.10	11.7	2.162	97.3	3.2	0.8
1022	10/5/2015 23:45:53	15.57	49.62	32.49	7.89	8.10	12.6	2.077	96.6	3.2	0.8
1023	10/6/2015 00:00:53	15.81	49.68	32.54	7.92	8.10	8.8	1.994	97.5	4.0	1.0
1024	10/6/2015 00:15:53	15.78	49.68	32.55	7.92	8.10	10.6	1.921	97.4	3.2	0.8
1025	10/6/2015 00:30:53	15.90	49.71	32.57	7.86	8.10	8.7	1.852	96.9	3.3	0.8
1026	10/6/2015 00:45:53	15.92	49.71	32.57	7.80	8.09	8.7	1.785	96.1	2.9	0.7
1027	10/6/2015 01:00:53	15.94	49.68	32.55	7.81	8.09	8.7	1.773	96.3	4.2	1.0
1028	10/6/2015 01:15:53	16.14	49.70	32.56	7.88	8.09	9.2	1.741	97.6	3.5	0.8
1029	10/6/2015 01:30:53	16.25	49.74	32.59	7.86	8.09	6.2	1.726	97.6	3.6	0.9
1030	10/6/2015 01:45:53	16.37	49.71	32.58	7.94	8.10	6.0	1.739	98.8	3.9	0.9
1031	10/6/2015 02:00:53	16.45	49.68	32.56	8.15	8.11	5.4	1.783	101.5	3.6	0.9
1032	10/6/2015 02:15:53	16.46	49.68	32.55	8.16	8.11	5.4	1.818	101.7	2.7	0.6
1033	10/6/2015 02:30:52	16.57	49.74	32.60	8.25	8.12	5.8	1.857	103.0	2.9	0.7
1034	10/6/2015 02:45:53	16.51	49.59	32.49	8.25	8.12	5.6	1.935	102.9	3.4	0.8
1035	10/6/2015 03:00:52	16.65	49.69	32.57	8.24	8.13	6.8	1.988	103.1	3.0	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1036	10/6/2015 03:15:52	16.82	49.72	32.59	8.26	8.14	8.1	2.065	103.7	3.6	0.9
1037	10/6/2015 03:30:52	16.68	49.72	32.59	8.22	8.13	7.4	2.115	102.9	3.5	0.8
1038	10/6/2015 03:45:53	16.48	49.68	32.56	8.13	8.12	6.5	2.183	101.3	3.4	0.8
1039	10/6/2015 04:00:53	16.37	49.69	32.56	8.09	8.11	6.2	2.268	100.6	3.3	0.8
1040	10/6/2015 04:15:53	16.34	49.68	32.56	8.10	8.11	5.9	2.326	100.7	3.9	0.9
1041	10/6/2015 04:30:53	16.11	49.69	32.56	8.10	8.11	5.9	2.395	100.3	2.9	0.7
1042	10/6/2015 04:45:53	15.80	49.65	32.52	8.04	8.10	5.1	2.470	98.9	2.9	0.7
1043	10/6/2015 05:00:53	15.64	49.65	32.52	7.99	8.10	5.2	2.542	98.0	2.9	0.7
1044	10/6/2015 05:15:53	15.56	49.63	32.50	7.98	8.10	5.9	2.613	97.7	1.6	0.4
1045	10/6/2015 05:30:53	15.47	49.63	32.51	7.98	8.10	5.2	2.684	97.5	3.1	0.7
1046	10/6/2015 05:45:53	15.36	49.59	32.47	8.00	8.10	5.4	2.752	97.6	2.6	0.6
1047	10/6/2015 06:00:53	15.24	49.57	32.45	8.06	8.11	6.8	2.826	98.0	2.7	0.6
1048	10/6/2015 06:15:53	15.09	49.60	32.47	8.09	8.11	6.0	2.896	98.0	2.6	0.6
1049	10/6/2015 06:30:53	15.02	49.56	32.44	8.08	8.11	6.3	2.961	97.8	3.5	0.8
1050	10/6/2015 06:45:53	14.94	49.47	32.38	8.08	8.11	7.4	3.030	97.6	2.7	0.6
1051	10/6/2015 07:00:53	14.74	49.55	32.42	8.13	8.11	8.1	3.106	97.8	2.2	0.5
1052	10/6/2015 07:15:53	14.54	49.59	32.45	8.15	8.12	7.3	3.173	97.7	2.2	0.5
1053	10/6/2015 07:30:53	14.32	49.48	32.37	8.17	8.12	8.9	3.229	97.4	1.9	0.5
1054	10/6/2015 07:45:53	14.08	49.54	32.40	8.18	8.12	6.3	3.287	97.1	2.1	0.5
1055	10/6/2015 08:00:52	13.85	49.45	32.33	8.16	8.12	7.3	3.340	96.4	2.1	0.5
1056	10/6/2015 08:15:53	13.83	49.48	32.35	8.14	8.12	5.1	3.374	96.1	1.6	0.4
1057	10/6/2015 08:30:53	13.74	49.56	32.41	8.01	8.11	2.9	3.390	94.4	1.3	0.3
1058	10/6/2015 08:45:53	13.99	49.58	32.43	7.94	8.11	4.4	3.405	94.1	2.7	0.6
1059	10/6/2015 09:00:53	13.69	49.57	32.41	8.00	8.11	4.3	3.396	94.2	1.6	0.4
1060	10/6/2015 09:15:53	13.92	49.47	32.35	7.97	8.11	4.0	3.373	94.3	0.9	0.2
1061	10/6/2015 09:30:53	14.22	49.51	32.39	7.97	8.12	5.2	3.315	95.0	1.9	0.4
1062	10/6/2015 09:45:53	14.69	49.48	32.38	7.99	8.11	5.8	3.271	96.0	1.9	0.4
1063	10/6/2015 10:00:53	14.94	49.42	32.34	8.06	8.11	5.3	3.219	97.3	2.5	0.6
1064	10/6/2015 10:15:53	14.52	49.48	32.37	8.18	8.12	4.9	3.143	98.0	2.4	0.6
1065	10/6/2015 10:30:53	14.61	49.50	32.38	8.26	8.13	5.1	3.077	99.1	1.7	0.4
1066	10/6/2015 10:45:53	14.87	49.52	32.41	8.16	8.12	4.3	3.013	98.5	1.9	0.4
1067	10/6/2015 11:00:53	15.09	49.52	32.41	8.15	8.12	4.8	2.954	98.8	2.7	0.7
1068	10/6/2015 11:15:53	15.19	49.53	32.43	8.18	8.12	4.8	2.885	99.3	2.7	0.6
1069	10/6/2015 11:30:53	15.41	49.45	32.37	8.04	8.11	5.2	2.815	98.0	2.6	0.6
1070	10/6/2015 11:45:53	15.52	49.54	32.44	8.02	8.10	7.0	2.766	98.0	2.8	0.7
1071	10/6/2015 12:00:53	15.60	49.51	32.42	7.89	8.09	4.3	2.717	96.6	2.1	0.5
1072	10/6/2015 12:15:53	15.71	49.48	32.39	7.97	8.10	4.5	2.661	97.8	2.9	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
1073	10/6/2015 12:30:53	15.73	49.55	32.45	7.90	8.09	4.6	2.613	96.9	2.9	0.7
1074	10/6/2015 12:45:53	15.89	49.53	32.44	8.00	8.10	4.8	2.575	98.6	2.4	0.6
1075	10/6/2015 13:00:53	15.98	49.51	32.43	8.07	8.10	4.4	2.528	99.6	2.5	0.6
1076	10/6/2015 13:15:53	16.00	49.47	32.39	8.00	8.09	4.2	2.487	98.6	2.1	0.5
1077	10/6/2015 13:30:53	16.06	49.54	32.45	7.99	8.10	4.0	2.463	98.7	3.0	0.7
1078	10/6/2015 13:45:53	16.11	49.58	32.48	7.83	8.08	3.6	2.441	96.9	2.9	0.7
1079	10/6/2015 14:00:53	16.14	49.61	32.50	8.09	8.09	4.2	2.417	100.1	3.6	0.8
1080	10/6/2015 14:15:53	16.12	49.55	32.46	8.43	8.12	240.1	2.425	104.3	3.0	0.7
1081	10/6/2015 14:30:53	16.07	49.60	32.49	8.27	8.11	4.6	2.433	102.2	2.6	0.6
1082	10/6/2015 14:45:53	16.08	49.62	32.51	8.28	8.11	4.2	2.451	102.4	3.0	0.7
1083	10/6/2015 15:00:53	16.04	49.65	32.53	8.21	8.11	4.9	2.500	101.4	3.0	0.7
1084	10/6/2015 15:15:53	16.02	49.44	32.37	8.21	8.11	4.2	2.528	101.3	2.6	0.6
1085	10/6/2015 15:30:53	15.97	49.45	32.38	8.15	8.10	4.7	2.586	100.5	3.4	0.8
1086	10/6/2015 15:45:53	15.88	49.47	32.40	8.23	8.10	4.8	2.639	101.3	3.6	0.8
1087	10/6/2015 16:00:53	15.74	49.44	32.37	8.30	8.11	4.5	2.691	101.8	3.2	0.8
1088	10/6/2015 16:15:53	15.60	49.41	32.35	8.29	8.11	5.1	2.751	101.4	3.2	0.8
1089	10/6/2015 16:30:53	15.54	49.42	32.35	8.20	8.11	4.3	2.809	100.2	3.7	0.9
1090	10/6/2015 16:45:53	15.43	49.43	32.35	8.17	8.10	4.5	2.870	99.6	2.5	0.6
1091	10/6/2015 17:00:53	15.10	49.39	32.32	8.13	8.10	4.5	2.934	98.5	1.6	0.4
1092	10/6/2015 17:15:53	14.94	49.41	32.33	8.11	8.10	4.5	2.986	98.0	2.0	0.5
1093	10/6/2015 17:30:53	14.85	49.43	32.35	8.11	8.10	4.7	3.042	97.7	2.4	0.6
1094	10/6/2015 17:45:53	14.80	49.39	32.31	8.13	8.11	3.8	3.108	97.9	2.2	0.5
1095	10/6/2015 18:00:53	14.73	49.47	32.37	8.14	8.11	4.3	3.155	97.9	2.5	0.6
1096	10/6/2015 18:15:53	14.64	49.48	32.37	8.16	8.11	4.0	3.209	98.0	2.8	0.7
1097	10/6/2015 18:30:53	14.41	49.41	32.32	8.19	8.11	4.3	3.267	97.9	2.1	0.5
1098	10/6/2015 18:45:53	14.24	49.39	32.29	8.20	8.12	4.2	3.313	97.6	2.9	0.7
1099	10/6/2015 19:00:53	14.13	49.54	32.40	8.21	8.12	3.8	3.352	97.6	2.5	0.6
1100	10/6/2015 19:15:53	14.06	49.57	32.42	8.21	8.12	5.4	3.402	97.5	3.2	0.8
1101	10/6/2015 19:30:53	14.00	49.55	32.40	8.20	8.12	4.1	3.420	97.2	2.3	0.5
1102	10/6/2015 19:45:53	13.95	49.57	32.42	8.18	8.12	3.4	3.450	96.9	2.8	0.7
1103	10/6/2015 20:00:53	13.91	49.56	32.41	8.13	8.12	3.0	3.463	96.2	2.3	0.5
1104	10/6/2015 20:15:53	14.09	49.57	32.43	8.04	8.11	3.4	3.457	95.5	2.9	0.7
1105	10/6/2015 20:30:53	13.90	49.51	32.37	8.10	8.12	4.2	3.448	95.9	2.3	0.5
1106	10/6/2015 20:45:53	14.00	49.52	32.39	8.05	8.12	2.8	3.408	95.4	2.9	0.7
1107	10/6/2015 21:00:53	14.03	49.52	32.39	8.08	8.12	4.9	3.364	95.8	1.5	0.4
1108	10/6/2015 21:15:53	14.59	49.56	32.43	8.00	8.11	4.1	3.315	95.9	1.7	0.4
1109	10/6/2015 21:30:53	15.05	49.51	32.40	7.93	8.11	7.2	3.245	96.1	2.8	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc			Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L	pH	NTU	meters		ug/L	%FS
1110	10/6/2015 21:45:53	14.69	49.53	32.41	8.00	8.11	7.8	3.161	96.1	3.1	0.8
1111	10/6/2015 22:00:53	14.99	49.54	32.42	8.06	8.12	10.1	3.098	97.5	2.3	0.5
1112	10/6/2015 22:15:53	15.08	49.58	32.46	8.08	8.11	5.4	3.007	97.9	1.9	0.5
1113	10/6/2015 22:30:53	15.29	49.54	32.44	8.07	8.11	6.5	2.922	98.3	3.1	0.7
1114	10/6/2015 22:45:53	15.47	49.56	32.45	8.09	8.12	7.9	2.840	98.9	2.1	0.5
1115	10/6/2015 23:00:53	15.56	49.60	32.48	8.09	8.11	7.1	2.749	99.0	3.7	0.9
1116	10/6/2015 23:15:53	15.87	49.61	32.49	8.14	8.12	6.9	2.668	100.2	3.5	0.8
1117	10/6/2015 23:30:53	15.82	49.62	32.50	8.06	8.11	7.0	2.573	99.2	3.4	0.8
1118	10/6/2015 23:45:53	15.95	49.59	32.48	8.10	8.11	8.0	2.487	99.9	3.5	0.8
1119	10/7/2015 00:00:53	15.98	49.53	32.44	8.07	8.11	7.8	2.391	99.6	2.8	0.7
1120	10/7/2015 00:15:53	15.96	49.55	32.45	8.07	8.11	8.0	2.294	99.6	3.0	0.7
1121	10/7/2015 00:30:53	15.87	49.63	32.51	8.01	8.10	8.1	2.224	98.7	3.1	0.7
1122	10/7/2015 00:45:53	15.68	49.63	32.50	7.85	8.09	10.3	2.113	96.3	3.3	0.8
1123	10/7/2015 01:00:53	15.75	49.63	32.51	7.73	8.08	7.7	2.025	95.0	2.9	0.7
1124	10/7/2015 01:15:53	16.03	49.62	32.51	7.89	8.10	7.8	1.968	97.4	3.3	0.8
1125	10/7/2015 01:30:53	15.86	49.58	32.48	7.71	8.08	7.6	1.877	94.9	2.9	0.7
1126	10/7/2015 01:45:53	16.05	49.68	32.55	7.74	8.08	6.2	1.847	95.7	3.5	0.8
1127	10/7/2015 02:00:53	16.13	49.62	32.51	7.66	8.08	7.1	1.780	94.8	3.7	0.9
1128	10/7/2015 02:15:53	16.34	49.64	32.53	7.73	8.09	5.9	1.787	96.1	2.7	0.6
1129	10/7/2015 02:30:53	16.49	49.64	32.53	7.75	8.09	4.8	1.786	96.7	3.3	0.8
1130	10/7/2015 02:45:53	16.78	49.61	32.51	7.95	8.11	6.0	1.761	99.7	3.5	0.8
1131	10/7/2015 03:00:53	16.78	49.67	32.55	8.19	8.12	29.4	1.811	102.7	3.3	0.8
1132	10/7/2015 03:15:53	16.61	49.63	32.52	8.07	8.11	14.5	1.852	100.9	3.8	0.9
1133	10/7/2015 03:30:53	16.75	49.63	32.53	8.22	8.12	5.4	1.916	103.0	3.1	0.7
1134	10/7/2015 03:45:53	16.63	49.58	32.48	8.16	8.11	5.2	1.958	102.0	3.0	0.7
1135	10/7/2015 04:00:53	16.61	49.55	32.46	8.08	8.11	6.0	2.041	100.9	3.8	0.9
1136	10/7/2015 04:15:53	16.80	49.57	32.48	7.88	8.10	7.3	2.102	98.7	3.7	0.9
1137	10/7/2015 04:30:53	16.63	49.58	32.49	7.87	8.09	7.0	2.174	98.4	3.5	0.8
1138	10/7/2015 04:45:52	16.46	49.45	32.39	7.85	8.09	6.7	2.251	97.7	3.5	0.8
1139	10/7/2015 05:00:52	16.35	49.54	32.45	7.83	8.08	161.5	2.318	97.3	3.4	0.8
1140	10/7/2015 05:15:52	16.29	49.47	32.40	7.85	8.09	7.9	2.392	97.4	3.2	0.8
1141	10/7/2015 05:30:53	15.96	49.54	32.45	7.83	8.08	10.3	2.475	96.6	2.8	0.7
1142	10/7/2015 05:45:53	15.78	49.55	32.45	7.80	8.08	5.0	2.544	95.9	2.9	0.7
1143	10/7/2015 06:00:53	15.68	49.53	32.44	7.79	8.08	4.9	2.610	95.5	2.6	0.6
1144	10/7/2015 06:15:53	15.62	49.49	32.40	7.77	8.08	8.2	2.692	95.2	2.4	0.6
1145	10/7/2015 06:30:53	15.50	49.46	32.38	7.81	8.08	6.2	2.772	95.4	2.9	0.7
1146	10/7/2015 06:45:52	15.32	49.51	32.41	7.83	8.08	6.5	2.847	95.3	3.1	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1147	10/7/2015 07:00:53	15.14	49.59	32.47	7.84	8.09	9.3	2.921	95.2	2.4	0.6
1148	10/7/2015 07:15:53	15.06	49.59	32.46	7.84	8.09	7.0	2.999	95.0	2.9	0.7
1149	10/7/2015 07:30:53	14.90	49.45	32.36	7.87	8.09	6.8	3.072	95.0	2.5	0.6
1150	10/7/2015 07:45:53	14.66	49.49	32.38	7.92	8.09	7.9	3.153	95.1	2.4	0.6
1151	10/7/2015 08:00:53	14.35	49.51	32.39	7.97	8.10	8.4	3.221	95.2	3.1	0.7
1152	10/7/2015 08:15:53	14.10	49.47	32.35	8.02	8.10	7.5	3.287	95.2	1.5	0.4
1153	10/7/2015 08:30:53	13.92	49.47	32.34	8.04	8.11	7.6	3.343	95.1	2.3	0.5
1154	10/7/2015 08:45:53	13.72	49.42	32.30	8.08	8.11	5.9	3.402	95.1	2.8	0.7
1155	10/7/2015 09:00:53	13.59	49.48	32.34	8.09	8.11	5.7	3.444	95.1	2.6	0.6
1156	10/7/2015 09:15:53	13.90	49.24	32.17	7.97	8.11	4.4	3.473	94.1	1.8	0.4
1157	10/7/2015 09:30:53	13.91	49.25	32.19	7.90	8.10	3.7	3.487	93.4	2.1	0.5
1158	10/7/2015 09:45:53	13.51	49.43	32.30	7.94	8.10	5.6	3.486	93.2	2.1	0.5
1159	10/7/2015 10:00:52	13.59	49.38	32.27	7.95	8.10	4.5	3.472	93.4	1.1	0.3
1160	10/7/2015 10:15:53	13.71	49.47	32.34	7.93	8.10	5.6	3.420	93.4	1.0	0.2
1161	10/7/2015 10:30:53	13.92	49.51	32.38	7.88	8.10	6.3	3.377	93.2	1.4	0.3
1162	10/7/2015 10:45:53	14.30	49.50	32.38	7.92	8.10	5.6	3.321	94.5	1.6	0.4
1163	10/7/2015 11:00:53	14.36	49.42	32.32	8.09	8.11	5.3	3.250	96.6	1.5	0.4
1164	10/7/2015 11:15:53	14.30	49.49	32.37	8.17	8.11	4.6	3.177	97.4	2.4	0.6
1165	10/7/2015 11:30:53	14.74	49.49	32.38	8.11	8.11	5.2	3.101	97.6	2.1	0.5
1166	10/7/2015 11:45:53	14.93	49.44	32.35	7.96	8.10	5.6	3.044	96.1	3.4	0.8
1167	10/7/2015 12:00:53	15.11	49.50	32.40	7.93	8.10	5.7	2.957	96.2	2.8	0.7
1168	10/7/2015 12:15:53	15.32	49.52	32.42	7.83	8.09	5.6	2.898	95.4	1.9	0.4
1169	10/7/2015 12:30:53	15.52	49.50	32.41	7.84	8.09	5.2	2.827	95.8	2.1	0.5
1170	10/7/2015 12:45:53	15.62	49.49	32.40	7.87	8.09	5.1	2.767	96.4	2.2	0.5
1171	10/7/2015 13:00:53	15.77	49.54	32.44	7.87	8.09	4.8	2.709	96.7	3.3	0.8
1172	10/7/2015 13:15:53	15.82	49.53	32.43	7.89	8.09	5.7	2.625	97.1	2.6	0.6
1173	10/7/2015 13:30:53	15.82	49.51	32.42	7.95	8.09	6.2	2.567	97.8	2.8	0.7
1174	10/7/2015 13:45:53	15.99	49.53	32.44	8.04	8.10	4.9	2.519	99.2	2.4	0.6
1175	10/7/2015 14:00:53	15.98	49.54	32.44	7.90	8.09	4.9	2.474	97.4	2.2	0.5
1176	10/7/2015 14:15:53	16.04	49.54	32.45	7.96	8.09	4.2	2.410	98.3	2.7	0.6
1177	10/7/2015 14:30:53	16.10	49.54	32.45	7.97	8.09	3.9	2.383	98.5	2.3	0.5
1178	10/7/2015 14:45:53	16.02	49.52	32.43	8.23	8.11	4.2	2.371	101.7	2.6	0.6
1179	10/7/2015 15:00:53	15.94	49.56	32.46	8.41	8.11	3.8	2.342	103.7	2.7	0.6
1180	10/7/2015 15:15:53	16.04	49.48	32.41	8.30	8.11	4.1	2.338	102.5	3.9	0.9
1181	10/7/2015 15:30:53	16.15	49.62	32.50	8.18	8.11	4.0	2.359	101.2	3.9	0.9
1182	10/7/2015 15:45:53	16.11	49.64	32.52	8.17	8.10	4.8	2.380	101.1	3.8	0.9
1183	10/7/2015 16:00:53	16.24	49.59	32.49	8.03	8.10	4.0	2.409	99.6	3.6	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1184	10/7/2015 16:15:53	16.28	49.51	32.43	7.99	8.09	3.8	2.448	99.2	4.2	1.0
1185	10/7/2015 16:30:53	16.21	49.61	32.50	7.96	8.09	4.2	2.511	98.7	4.4	1.0
1186	10/7/2015 16:45:53	16.11	49.60	32.49	7.96	8.09	5.2	2.565	98.5	3.2	0.8
1187	10/7/2015 17:00:52	15.98	49.57	32.47	7.98	8.09	4.8	2.626	98.5	3.7	0.9
1188	10/7/2015 17:15:53	15.79	49.51	32.42	8.00	8.09	4.9	2.692	98.3	2.8	0.7
1189	10/7/2015 17:30:53	15.71	49.55	32.45	7.99	8.09	4.5	2.758	98.1	2.3	0.5
1190	10/7/2015 17:45:53	15.55	49.56	32.45	7.94	8.08	4.2	2.825	97.2	2.6	0.6
1191	10/7/2015 18:00:53	15.25	49.51	32.41	7.93	8.08	5.0	2.891	96.4	2.3	0.5
1192	10/7/2015 18:15:53	15.12	49.50	32.40	7.92	8.09	4.5	2.952	96.0	2.1	0.5
1193	10/7/2015 18:30:52	15.03	49.49	32.39	7.90	8.09	4.8	3.011	95.6	2.6	0.6
1194	10/7/2015 18:45:52	14.92	49.51	32.40	7.91	8.09	5.0	3.084	95.6	1.7	0.4
1195	10/7/2015 19:00:53	14.78	49.56	32.44	7.96	8.09	5.1	3.153	95.8	2.7	0.6
1196	10/7/2015 19:15:53	14.62	49.57	32.44	7.97	8.10	5.7	3.205	95.7	2.9	0.7
1197	10/7/2015 19:30:53	14.39	49.55	32.42	8.01	8.10	7.0	3.266	95.8	2.4	0.6
1198	10/7/2015 19:45:53	14.24	49.56	32.42	8.04	8.10	4.3	3.328	95.8	3.0	0.7
1199	10/7/2015 20:00:53	14.14	49.57	32.42	8.06	8.11	4.8	3.372	95.8	2.6	0.6
1200	10/7/2015 20:15:53	14.08	49.49	32.37	8.07	8.11	8.4	3.415	95.9	2.6	0.6
1201	10/7/2015 20:30:53	13.98	49.45	32.33	8.09	8.11	5.0	3.460	95.9	2.5	0.6
1202	10/7/2015 20:45:52	13.85	49.38	32.28	8.15	8.12	2.8	3.487	96.2	2.1	0.5
1203	10/7/2015 21:00:53	13.82	49.52	32.38	8.09	8.12	3.2	3.518	95.6	3.3	0.8
1204	10/7/2015 21:15:53	13.90	49.53	32.39	8.10	8.12	2.1	3.519	95.8	3.3	0.8
1205	10/7/2015 21:30:53	13.76	49.50	32.37	8.01	8.11	2.6	3.505	94.5	2.0	0.5
1206	10/7/2015 21:45:53	13.99	49.47	32.35	7.98	8.11	3.2	3.469	94.5	2.2	0.5
1207	10/7/2015 22:00:53	13.93	49.53	32.39	7.99	8.11	2.5	3.440	94.6	2.1	0.5
1208	10/7/2015 22:15:53	14.25	49.54	32.41	7.88	8.11	4.7	3.379	93.9	2.4	0.6
1209	10/7/2015 22:30:53	14.95	49.59	32.46	7.65	8.09	6.8	3.287	92.4	1.8	0.4
1210	10/7/2015 22:45:53	14.48	49.57	32.43	7.75	8.09	6.7	3.223	92.8	2.1	0.5
1211	10/7/2015 23:00:53	14.40	49.54	32.41	7.79	8.09	5.4	3.137	93.2	2.4	0.6
1212	10/7/2015 23:15:53	14.81	49.56	32.44	7.73	8.09	5.8	3.058	93.2	2.5	0.6
1213	10/7/2015 23:30:53	14.90	49.57	32.45	7.74	8.09	4.8	2.971	93.5	3.1	0.7
1214	10/7/2015 23:45:53	15.08	49.44	32.36	7.74	8.09	6.7	2.889	93.8	3.4	0.8
1215	10/8/2015 00:00:53	15.32	49.57	32.46	7.72	8.09	5.3	2.811	94.0	3.5	0.8
1216	10/8/2015 00:15:53	15.55	49.57	32.46	7.65	8.09	6.6	2.721	93.6	3.1	0.7
1217	10/8/2015 00:30:52	15.71	49.56	32.46	7.67	8.08	6.3	2.620	94.1	3.1	0.7
1218	10/8/2015 00:45:53	15.69	49.60	32.48	7.72	8.09	6.6	2.542	94.8	2.4	0.6
1219	10/8/2015 01:00:53	15.69	49.62	32.50	7.76	8.09	7.2	2.450	95.2	3.6	0.9
1220	10/8/2015 01:15:53	15.73	49.65	32.52	7.72	8.08	7.0	2.370	94.8	2.9	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
1221	10/8/2015 01:30:53	15.70	49.64	32.51	7.76	8.08	7.7	2.246	95.2	3.0	0.7
1222	10/8/2015 01:45:53	15.67	49.53	32.43	7.65	8.08	7.2	2.172	93.8	2.9	0.7
1223	10/8/2015 02:00:52	15.67	49.56	32.46	7.59	8.07	7.1	2.089	93.0	3.1	0.7
1224	10/8/2015 02:15:53	15.70	49.61	32.50	7.56	8.07	6.5	2.003	92.8	2.7	0.6
1225	10/8/2015 02:30:53	15.67	49.61	32.49	7.53	8.06	6.3	1.933	92.3	3.2	0.8
1226	10/8/2015 02:45:53	15.64	49.61	32.49	7.39	8.05	6.2	1.863	90.5	2.5	0.6
1227	10/8/2015 03:00:53	15.84	49.50	32.42	7.42	8.06	5.7	1.867	91.3	3.0	0.7
1228	10/8/2015 03:15:53	16.03	49.47	32.40	7.46	8.06	4.9	1.840	92.1	4.1	1.0
1229	10/8/2015 03:30:52	16.14	49.58	32.48	7.50	8.07	3.9	1.814	92.8	3.5	0.8
1230	10/8/2015 03:45:52	16.10	49.65	32.53	7.62	8.07	4.8	1.845	94.2	2.6	0.6
1231	10/8/2015 04:00:53	16.11	49.60	32.49	7.63	8.07	4.3	1.882	94.4	2.9	0.7
1232	10/8/2015 04:15:52	16.20	49.65	32.53	7.66	8.08	5.9	1.927	94.9	2.2	0.5
1233	10/8/2015 04:30:53	16.20	49.60	32.49	7.67	8.08	4.5	1.948	95.1	3.0	0.7
1234	10/8/2015 04:45:53	16.10	49.52	32.43	7.57	8.07	4.3	2.033	93.5	2.9	0.7
1235	10/8/2015 05:00:53	16.08	49.53	32.44	7.52	8.07	5.8	2.106	92.9	3.4	0.8
1236	10/8/2015 05:15:53	16.04	49.58	32.48	7.51	8.07	6.2	2.169	92.8	2.3	0.6
1237	10/8/2015 05:30:53	15.90	49.50	32.42	7.50	8.06	6.5	2.267	92.4	2.1	0.5
1238	10/8/2015 05:45:53	15.86	49.53	32.44	7.43	8.06	5.7	2.306	91.4	3.0	0.7
1239	10/8/2015 06:00:53	15.84	49.55	32.45	7.50	8.06	5.4	2.407	92.3	3.3	0.8
1240	10/8/2015 06:15:53	15.81	49.56	32.45	7.51	8.06	4.8	2.493	92.3	3.1	0.7
1241	10/8/2015 06:30:53	15.59	49.58	32.46	7.50	8.06	6.5	2.552	91.8	2.4	0.6
1242	10/8/2015 06:45:53	15.47	49.57	32.46	7.51	8.06	5.0	2.637	91.7	2.0	0.5
1243	10/8/2015 07:00:53	15.37	49.59	32.47	7.51	8.06	5.7	2.719	91.6	2.5	0.6
1244	10/8/2015 07:15:53	15.27	49.56	32.45	7.53	8.06	5.4	2.789	91.6	2.3	0.5
1245	10/8/2015 07:30:53	15.10	49.57	32.45	7.57	8.07	7.0	2.866	91.7	3.1	0.7
1246	10/8/2015 07:45:53	14.93	49.53	32.42	7.59	8.07	5.9	2.941	91.8	1.6	0.4
1247	10/8/2015 08:00:53	14.79	49.52	32.41	7.64	8.07	6.4	3.028	92.0	2.8	0.7
1248	10/8/2015 08:15:53	14.65	49.47	32.37	7.67	8.08	7.9	3.096	92.1	2.1	0.5
1249	10/8/2015 08:30:53	14.39	49.47	32.36	7.76	8.08	9.9	3.181	92.7	3.0	0.7
1250	10/8/2015 08:45:53	14.10	49.46	32.34	7.87	8.09	7.8	3.262	93.5	2.3	0.5
1251	10/8/2015 09:00:53	13.80	49.40	32.29	8.00	8.11	8.4	3.346	94.4	2.5	0.6
1252	10/8/2015 09:15:53	13.66	49.46	32.33	8.07	8.11	8.1	3.394	95.0	2.0	0.5
1253	10/8/2015 09:30:53	13.56	49.48	32.34	8.11	8.12	5.8	3.457	95.2	2.4	0.6
1254	10/8/2015 09:45:53	13.49	49.51	32.36	8.17	8.13	7.9	3.517	95.8	3.3	0.8
1255	10/8/2015 10:00:53	13.33	49.51	32.36	8.20	8.13	4.4	3.524	95.9	2.5	0.6
1256	10/8/2015 10:15:52	13.83	49.60	32.44	7.86	8.10	3.5	3.529	92.8	1.8	0.4
1257	10/8/2015 10:30:53	13.41	49.55	32.39	8.02	8.12	3.4	3.549	94.0	2.6	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc		Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L	pH	NTU			ug/L	%FS
1258	10/8/2015 10:45:53	13.45	49.56	32.40	8.06	8.12	3.7	3.515	94.5	2.2	0.5
1259	10/8/2015 11:00:53	13.50	49.55	32.39	8.04	8.12	24.6	3.455	94.4	1.7	0.4
1260	10/8/2015 11:15:53	13.81	49.58	32.42	8.02	8.12	6.2	3.413	94.7	2.2	0.5
1261	10/8/2015 11:30:53	14.14	49.56	32.42	8.20	8.13	5.4	3.329	97.5	1.8	0.4
1262	10/8/2015 11:45:52	14.20	49.45	32.34	8.56	8.15	5.0	3.267	101.9	1.8	0.4
1263	10/8/2015 12:00:53	14.48	49.55	32.42	8.45	8.14	4.9	3.182	101.2	2.0	0.5
1264	10/8/2015 12:15:53	14.92	49.57	32.44	8.21	8.12	5.2	3.093	99.1	2.3	0.5
1265	10/8/2015 12:30:53	15.07	49.59	32.47	7.96	8.11	5.2	3.022	96.4	2.5	0.6
1266	10/8/2015 12:45:52	15.26	49.49	32.40	7.98	8.10	5.7	2.936	97.0	2.4	0.6
1267	10/8/2015 13:00:53	15.43	49.63	32.50	7.94	8.10	5.7	2.857	96.9	2.3	0.6
1268	10/8/2015 13:15:53	15.61	49.62	32.50	8.02	8.10	6.2	2.780	98.3	2.4	0.6
1269	10/8/2015 13:30:53	15.78	49.62	32.50	7.98	8.10	5.8	2.693	98.1	1.9	0.5
1270	10/8/2015 13:45:52	15.96	49.59	32.48	8.16	8.11	6.5	2.621	100.7	2.7	0.6
1271	10/8/2015 14:00:52	15.94	49.64	32.52	8.07	8.10	4.8	2.557	99.5	2.1	0.5
1272	10/8/2015 14:15:52	16.20	49.66	32.54	8.34	8.12	5.6	2.492	103.4	1.8	0.4
1273	10/8/2015 14:30:53	16.23	49.66	32.54	8.24	8.11	4.8	2.403	102.2	2.5	0.6
1274	10/8/2015 14:45:53	16.32	49.66	32.54	8.35	8.11	4.8	2.354	103.7	2.7	0.6
1275	10/8/2015 15:00:53	16.37	49.54	32.45	8.46	8.12	4.5	2.291	105.2	1.4	0.3
1276	10/8/2015 15:15:53	16.37	49.66	32.54	8.35	8.11	4.2	2.247	103.8	2.2	0.5
1277	10/8/2015 15:30:53	16.44	49.57	32.48	8.48	8.12	3.7	2.219	105.6	2.3	0.5
1278	10/8/2015 15:45:52	16.60	49.63	32.52	8.40	8.11	3.8	2.188	104.9	2.1	0.5
1279	10/8/2015 16:00:52	16.55	49.59	32.49	8.75	8.13	4.4	2.188	109.2	2.6	0.6
1280	10/8/2015 16:15:53	16.51	49.61	32.51	8.75	8.13	4.2	2.203	109.1	2.4	0.6
1281	10/8/2015 16:30:53	16.54	49.60	32.50	8.66	8.13	4.3	2.212	108.1	2.9	0.7
1282	10/8/2015 16:45:53	16.56	49.54	32.46	8.51	8.12	5.0	2.260	106.2	3.0	0.7
1283	10/8/2015 17:00:53	16.59	49.61	32.50	8.44	8.11	4.6	2.306	105.5	3.1	0.7
1284	10/8/2015 17:15:53	16.55	49.60	32.50	8.38	8.11	4.3	2.371	104.5	2.7	0.6
1285	10/8/2015 17:30:53	16.76	49.61	32.51	8.45	8.11	6.4	2.428	105.8	3.4	0.8
1286	10/8/2015 17:45:53	16.46	49.60	32.50	8.43	8.11	5.7	2.494	105.0	2.8	0.7
1287	10/8/2015 18:00:52	16.26	49.55	32.46	8.42	8.11	5.1	2.563	104.5	2.8	0.7
1288	10/8/2015 18:15:53	16.18	49.60	32.49	8.34	8.10	4.6	2.636	103.4	2.6	0.6
1289	10/8/2015 18:30:53	15.98	49.49	32.41	8.24	8.10	4.8	2.696	101.6	2.5	0.6
1290	10/8/2015 18:45:53	15.69	49.54	32.44	8.13	8.09	4.7	2.763	99.8	1.9	0.4
1291	10/8/2015 19:00:53	15.51	49.54	32.43	8.05	8.09	5.2	2.836	98.3	2.5	0.6
1292	10/8/2015 19:15:53	15.42	49.56	32.45	8.01	8.09	5.1	2.899	97.7	1.7	0.4
1293	10/8/2015 19:30:53	15.23	49.54	32.43	7.98	8.08	5.1	2.975	97.0	2.7	0.6
1294	10/8/2015 19:45:53	15.08	49.53	32.42	8.03	8.09	5.4	3.045	97.3	2.6	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU			ug/L	%FS
1295	10/8/2015 20:00:53	14.92	49.53	32.42	8.05	8.09	4.9	3.114	97.2	3.2	0.8
1296	10/8/2015 20:15:53	14.73	49.53	32.41	8.11	8.10	5.4	3.183	97.6	2.4	0.6
1297	10/8/2015 20:30:53	14.63	49.52	32.40	8.17	8.11	4.6	3.258	98.1	2.6	0.6
1298	10/8/2015 20:45:53	14.56	49.49	32.38	8.21	8.11	5.1	3.310	98.4	2.7	0.6
1299	10/8/2015 21:00:53	14.27	49.48	32.36	8.36	8.12	5.4	3.379	99.7	2.5	0.6
1300	10/8/2015 21:15:53	14.10	49.50	32.37	8.42	8.13	10.6	3.426	100.0	2.7	0.6
1301	10/8/2015 21:30:53	14.05	49.51	32.38	8.41	8.13	5.5	3.470	99.8	3.2	0.8
1302	10/8/2015 21:45:53	13.97	49.57	32.42	8.43	8.13	7.5	3.503	99.9	2.5	0.6
1303	10/8/2015 22:00:53	14.39	49.14	32.12	8.20	8.12	13.8	3.522	97.8	2.7	0.7
1304	10/8/2015 22:15:53	13.89	49.57	32.42	8.33	8.13	6.9	3.522	98.5	2.3	0.5
1305	10/8/2015 22:30:53	14.09	49.51	32.38	8.29	8.13	10.0	3.501	98.4	2.0	0.5
1306	10/8/2015 22:45:53	14.08	49.54	32.40	8.27	8.13	15.4	3.463	98.2	2.2	0.5
1307	10/8/2015 23:00:53	14.23	49.58	32.44	8.23	8.13	8.4	3.408	98.1	3.0	0.7
1308	10/8/2015 23:15:53	15.07	49.61	32.48	7.95	8.11	52.6	3.353	96.3	2.5	0.6
1309	10/8/2015 23:30:53	14.84	49.54	32.42	7.96	8.10	5.6	3.256	96.0	3.4	0.8
1310	10/8/2015 23:45:53	14.48	49.56	32.43	8.11	8.10	5.4	3.185	97.1	3.1	0.7
1311	10/9/2015 00:00:53	14.78	49.57	32.44	7.96	8.09	5.6	3.118	95.9	2.8	0.7
1312	10/9/2015 00:15:53	15.06	49.58	32.46	8.01	8.10	5.8	3.014	97.0	2.5	0.6
1313	10/9/2015 00:30:53	15.09	49.54	32.43	8.05	8.10	5.9	2.932	97.6	2.6	0.6
1314	10/9/2015 00:45:53	15.38	49.61	32.49	7.98	8.10	6.2	2.845	97.3	2.9	0.7
1315	10/9/2015 01:00:53	15.63	49.59	32.48	7.91	8.09	6.2	2.748	96.9	2.5	0.6
1316	10/9/2015 01:15:53	15.78	49.65	32.52	7.87	8.09	6.6	2.663	96.8	2.8	0.7
1317	10/9/2015 01:30:53	15.95	49.65	32.52	7.94	8.09	10.0	2.579	97.9	3.1	0.7
1318	10/9/2015 01:45:53	15.97	49.61	32.49	7.95	8.09	9.9	2.481	98.1	2.4	0.6
1319	10/9/2015 02:00:53	15.96	49.56	32.46	7.91	8.09	7.9	2.392	97.6	2.8	0.7
1320	10/9/2015 02:15:53	15.88	49.61	32.50	7.86	8.08	7.6	2.298	96.8	3.0	0.7
1321	10/9/2015 02:30:53	15.85	49.63	32.51	7.81	8.07	7.8	2.209	96.1	2.7	0.6
1322	10/9/2015 02:45:53	15.82	49.65	32.53	7.72	8.07	7.6	2.121	95.0	2.4	0.6
1323	10/9/2015 03:00:53	15.83	49.66	32.53	7.72	8.06	6.3	2.022	95.0	2.5	0.6
1324	10/9/2015 03:15:53	16.00	49.69	32.56	7.74	8.07	6.3	1.964	95.6	2.5	0.6
1325	10/9/2015 03:30:53	16.01	49.66	32.53	7.72	8.07	5.6	1.924	95.4	2.9	0.7
1326	10/9/2015 03:45:53	16.09	49.70	32.56	7.74	8.07	8.4	1.861	95.8	3.0	0.7
1327	10/9/2015 04:00:53	16.23	49.64	32.52	7.80	8.07	22.0	1.855	96.8	3.2	0.8
1328	10/9/2015 04:15:53	16.51	49.64	32.53	7.92	8.08	9.8	1.866	98.8	3.2	0.8
1329	10/9/2015 04:30:52	16.49	49.73	32.59	8.07	8.09	7.4	1.868	100.6	2.2	0.5
1330	10/9/2015 04:45:52	16.39	49.68	32.56	8.01	8.09	8.8	1.903	99.7	2.4	0.6
1331	10/9/2015 05:00:53	16.58	49.67	32.55	8.12	8.10	5.0	1.961	101.5	2.5	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1332	10/9/2015 05:15:52	16.47	49.66	32.54	8.05	8.08	5.2	2.021	100.4	2.3	0.5
1333	10/9/2015 05:30:52	16.36	49.65	32.54	7.97	8.08	4.8	2.091	99.1	2.7	0.6
1334	10/9/2015 05:45:53	16.43	49.68	32.55	7.90	8.08	6.5	2.183	98.5	2.7	0.7
1335	10/9/2015 06:00:52	16.30	49.57	32.48	7.88	8.08	7.0	2.239	97.8	3.0	0.7
1336	10/9/2015 06:15:52	16.14	49.65	32.53	7.83	8.07	8.4	2.320	96.9	2.1	0.5
1337	10/9/2015 06:30:53	16.09	49.66	32.54	7.79	8.07	5.1	2.394	96.4	2.5	0.6
1338	10/9/2015 06:45:53	16.10	49.61	32.50	7.80	8.07	5.8	2.468	96.5	2.4	0.6
1339	10/9/2015 07:00:53	15.97	49.65	32.53	7.79	8.07	5.1	2.537	96.1	2.0	0.5
1340	10/9/2015 07:15:53	15.77	49.51	32.42	7.78	8.07	5.3	2.613	95.6	2.1	0.5
1341	10/9/2015 07:30:53	15.59	49.48	32.40	7.77	8.07	5.2	2.685	95.1	2.1	0.5
1342	10/9/2015 07:45:53	15.49	49.53	32.43	7.78	8.07	6.0	2.765	95.0	1.7	0.4
1343	10/9/2015 08:00:53	15.32	49.48	32.39	7.81	8.07	5.6	2.846	95.1	3.0	0.7
1344	10/9/2015 08:15:53	15.17	49.64	32.50	7.83	8.07	6.8	2.918	95.1	2.0	0.5
1345	10/9/2015 08:30:53	15.02	49.55	32.43	7.88	8.08	7.4	3.011	95.3	2.0	0.5
1346	10/9/2015 08:45:53	14.90	49.59	32.46	7.91	8.08	7.4	3.086	95.5	2.5	0.6
1347	10/9/2015 09:00:53	14.63	49.54	32.42	8.02	8.09	8.5	3.182	96.4	2.3	0.5
1348	10/9/2015 09:15:53	14.36	49.55	32.42	8.12	8.10	8.2	3.263	97.0	2.7	0.6
1349	10/9/2015 09:30:53	14.15	49.52	32.39	8.22	8.11	9.0	3.336	97.7	3.3	0.8
1350	10/9/2015 09:45:53	13.87	49.52	32.38	8.36	8.12	6.2	3.415	98.8	2.5	0.6
1351	10/9/2015 10:00:52	13.63	49.52	32.37	8.48	8.14	6.3	3.477	99.8	2.5	0.6
1352	10/9/2015 10:15:53	13.55	49.56	32.40	8.52	8.14	43.8	3.516	100.1	3.1	0.7
1353	10/9/2015 10:30:53	13.49	49.52	32.37	8.58	8.15	3.4	3.560	100.6	2.7	0.6
1354	10/9/2015 10:45:52	13.50	49.49	32.35	8.52	8.14	2.8	3.583	99.9	2.2	0.5
1355	10/9/2015 11:00:53	13.85	49.60	32.44	8.34	8.13	5.6	3.585	98.5	2.5	0.6
1356	10/9/2015 11:15:53	13.56	49.54	32.38	8.39	8.14	4.3	3.564	98.5	1.9	0.4
1357	10/9/2015 11:30:53	13.51	49.51	32.36	8.43	8.14	3.8	3.532	98.9	1.7	0.4
1358	10/9/2015 11:45:53	13.96	49.63	32.46	8.44	8.14	5.4	3.476	100.0	2.0	0.5
Mean		15.01	49.60	32.47	7.80	8.13	8.81	2.75	94.43	3.10	0.74
Minimum		11.78	49.14	32.12	6.48	8.05	1.20	1.34	75.40	0.90	0.20
Maximum		18.31	49.88	32.72	9.14	8.32	246.30	4.16	116.80	8.50	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

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

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	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	Fluorescence %FS
0	10/9/2015 12:16:09	14.62	49.02	32.04	7.62	8.12	4.9	3.323	91.3	3.2	0.8
1	10/9/2015 12:31:10	14.61	49.21	32.17	7.97	8.16	3.8	3.250	95.6	2.4	0.6
2	10/9/2015 12:46:10	14.77	49.19	32.16	7.91	8.16	4.0	3.146	95.1	2.9	0.7
3	10/9/2015 13:01:10	15.25	49.33	32.28	7.60	8.14	5.7	3.072	92.3	3.1	0.7
4	10/9/2015 13:16:10	15.48	49.31	32.27	7.58	8.14	5.6	2.978	92.5	2.6	0.6
5	10/9/2015 13:31:10	15.64	49.42	32.36	7.53	8.14	6.2	2.889	92.3	3.4	0.8
6	10/9/2015 13:46:10	15.73	49.41	32.35	7.48	8.13	5.8	2.808	91.8	2.7	0.6
7	10/9/2015 14:01:10	15.99	49.50	32.42	7.74	8.15	4.9	2.723	95.5	2.7	0.6
8	10/9/2015 14:16:10	16.08	49.42	32.36	7.70	8.15	4.7	2.638	95.1	2.8	0.7
9	10/9/2015 14:31:10	16.19	49.49	32.41	7.76	8.15	5.4	2.548	96.1	3.0	0.7
10	10/9/2015 14:46:10	16.51	49.51	32.44	8.00	8.17	5.4	2.460	99.7	3.2	0.7
11	10/9/2015 15:01:10	16.38	49.34	32.31	7.90	8.16	5.7	2.382	98.1	3.0	0.7
12	10/9/2015 15:16:10	16.43	49.46	32.40	7.97	8.17	5.5	2.297	99.2	3.3	0.8
13	10/9/2015 15:31:10	16.44	49.28	32.27	8.15	8.18	4.9	2.218	101.3	3.3	0.8
14	10/9/2015 15:46:10	16.51	49.28	32.26	8.00	8.17	5.1	2.150	99.6	3.2	0.8
15	10/9/2015 16:01:10	16.58	49.28	32.26	8.09	8.18	4.5	2.087	100.9	3.4	0.8
16	10/9/2015 16:16:10	16.60	49.16	32.18	8.11	8.19	4.2	2.050	101.1	3.1	0.7
17	10/9/2015 16:31:10	16.68	49.39	32.34	8.04	8.19	4.2	2.012	100.5	3.7	0.9
18	10/9/2015 16:46:10	16.67	49.20	32.21	8.31	8.21	4.2	2.005	103.8	3.5	0.8
19	10/9/2015 17:01:10	16.75	49.19	32.20	8.10	8.19	4.0	2.006	101.3	3.6	0.9
20	10/9/2015 17:16:10	16.73	49.19	32.20	8.08	8.19	3.9	2.018	100.9	3.8	0.9
21	10/9/2015 17:31:10	16.68	49.23	32.23	7.88	8.18	4.3	2.063	98.4	3.8	0.9
22	10/9/2015 17:46:10	16.96	49.31	32.29	7.73	8.16	4.3	2.118	97.1	3.9	0.9
23	10/9/2015 18:01:10	16.89	49.14	32.17	7.69	8.16	5.2	2.216	96.4	4.5	1.1
24	10/9/2015 18:16:10	16.99	49.14	32.17	7.71	8.16	6.8	2.292	96.9	4.2	1.0
25	10/9/2015 18:31:10	16.93	49.23	32.23	7.72	8.16	7.4	2.370	97.0	4.0	0.9
26	10/9/2015 18:46:10	16.65	49.27	32.26	7.70	8.16	5.9	2.442	96.1	3.8	0.9
27	10/9/2015 19:01:10	16.58	49.21	32.21	7.65	8.15	5.7	2.527	95.3	3.5	0.8
28	10/9/2015 19:16:10	16.26	49.21	32.21	7.58	8.14	5.4	2.594	93.9	3.6	0.8
29	10/9/2015 19:31:10	16.03	49.13	32.15	7.45	8.13	5.5	2.674	91.9	3.4	0.8
30	10/9/2015 19:46:10	15.85	49.11	32.13	7.31	8.12	5.2	2.753	89.7	2.9	0.7
31	10/9/2015 20:01:10	15.78	49.10	32.12	7.28	8.12	5.4	2.816	89.2	3.5	0.8
32	10/9/2015 20:16:10	15.70	49.18	32.18	7.27	8.12	5.6	2.896	89.1	3.3	0.8
33	10/9/2015 20:31:11	15.52	49.07	32.10	7.32	8.12	5.4	2.976	89.4	3.6	0.8
34	10/9/2015 20:46:10	15.36	49.10	32.11	7.35	8.13	5.9	3.050	89.4	3.2	0.8
35	10/9/2015 21:01:10	15.23	49.06	32.08	7.42	8.13	5.1	3.123	89.9	3.3	0.8
36	10/9/2015 21:16:10	15.13	49.05	32.07	7.42	8.13	5.9	3.196	89.8	3.8	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
37	10/9/2015 21:31:10	14.87	49.10	32.10	7.58	8.15	6.3	3.272	91.3	3.1	0.7
38	10/9/2015 21:46:11	14.63	49.02	32.04	7.69	8.16	5.7	3.341	92.2	3.6	0.9
39	10/9/2015 22:01:11	14.43	49.05	32.06	7.76	8.17	7.1	3.401	92.6	3.6	0.8
40	10/9/2015 22:16:11	14.28	48.86	31.91	7.82	8.17	3.6	3.453	92.9	3.6	0.8
41	10/9/2015 22:31:10	14.15	48.75	31.83	7.86	8.18	3.2	3.504	93.1	3.8	0.9
42	10/9/2015 22:46:11	14.05	48.78	31.85	7.86	8.18	2.6	3.528	93.0	4.2	1.0
43	10/9/2015 23:01:10	14.03	48.90	31.94	7.77	8.18	2.1	3.536	91.9	5.0	1.2
44	10/9/2015 23:16:10	14.08	49.00	32.01	7.69	8.17	2.6	3.535	91.0	2.7	0.6
45	10/9/2015 23:31:11	14.28	49.00	32.02	7.61	8.16	3.4	3.515	90.6	3.0	0.7
46	10/9/2015 23:46:10	14.22	49.01	32.02	7.64	8.16	3.4	3.465	90.8	2.6	0.6
47	10/10/2015 00:01:11	14.50	49.03	32.04	7.56	8.16	4.0	3.403	90.4	2.6	0.6
48	10/10/2015 00:16:10	15.42	48.98	32.03	7.12	8.12	6.0	3.337	86.6	2.6	0.6
49	10/10/2015 00:31:10	15.01	48.94	31.99	7.32	8.13	6.3	3.254	88.4	3.3	0.8
50	10/10/2015 00:46:11	14.88	49.02	32.05	7.44	8.14	5.1	3.163	89.5	3.2	0.8
51	10/10/2015 01:01:11	15.31	48.99	32.03	7.22	8.12	5.7	3.073	87.6	3.4	0.8
52	10/10/2015 01:16:10	15.64	48.98	32.03	7.16	8.12	6.4	2.977	87.5	3.0	0.7
53	10/10/2015 01:31:10	15.65	49.04	32.08	7.13	8.12	5.4	2.887	87.2	3.5	0.8
54	10/10/2015 01:46:10	15.99	48.86	31.95	7.06	8.11	6.3	2.790	86.9	3.8	0.9
55	10/10/2015 02:01:10	15.96	48.99	32.05	7.06	8.11	6.2	2.707	86.9	3.3	0.8
56	10/10/2015 02:16:10	16.05	49.01	32.06	7.07	8.10	5.9	2.612	87.1	2.9	0.7
57	10/10/2015 02:31:10	16.24	49.04	32.08	7.03	8.10	7.1	2.509	86.9	2.8	0.7
58	10/10/2015 02:46:11	16.30	49.11	32.14	7.01	8.10	6.3	2.426	86.9	3.1	0.7
59	10/10/2015 03:01:11	16.28	49.16	32.17	7.01	8.10	6.9	2.339	86.8	2.9	0.7
60	10/10/2015 03:16:10	16.27	49.11	32.14	6.95	8.09	7.3	2.247	86.1	3.4	0.8
61	10/10/2015 03:31:10	16.27	49.13	32.15	6.99	8.10	6.4	2.160	86.6	3.1	0.7
62	10/10/2015 03:46:10	16.26	49.16	32.17	7.00	8.09	6.3	2.071	86.6	3.3	0.8
63	10/10/2015 04:01:11	16.34	49.16	32.17	6.95	8.09	6.0	2.009	86.2	3.4	0.8
64	10/10/2015 04:16:10	16.33	49.17	32.18	6.89	8.09	6.0	1.941	85.5	3.5	0.8
65	10/10/2015 04:31:11	16.36	49.12	32.15	6.78	8.08	6.0	1.891	84.1	3.2	0.8
66	10/10/2015 04:46:11	16.48	49.10	32.13	6.83	8.08	5.2	1.865	84.9	3.3	0.8
67	10/10/2015 05:01:11	16.57	49.19	32.20	6.87	8.09	4.7	1.861	85.6	3.6	0.9
68	10/10/2015 05:16:11	16.65	49.18	32.19	6.94	8.09	4.2	1.871	86.6	3.4	0.8
69	10/10/2015 05:31:11	16.67	49.22	32.22	6.99	8.10	4.4	1.902	87.3	2.8	0.7
70	10/10/2015 05:46:11	16.76	49.18	32.19	7.04	8.10	4.6	1.954	88.1	3.3	0.8
71	10/10/2015 06:01:11	16.84	49.30	32.28	7.06	8.10	4.7	2.007	88.5	3.6	0.9
72	10/10/2015 06:16:10	16.75	49.14	32.17	7.03	8.10	4.9	2.100	87.9	3.5	0.8
73	10/10/2015 06:31:11	16.85	49.11	32.14	6.99	8.10	6.8	2.180	87.6	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	Fluorescence %FS
74	10/10/2015 06:46:11	16.81	49.22	32.22	6.97	8.10	8.0	2.247	87.2	3.2	0.8
75	10/10/2015 07:01:11	16.58	49.07	32.11	6.94	8.09	6.4	2.331	86.4	3.7	0.9
76	10/10/2015 07:16:10	16.50	49.18	32.19	6.96	8.09	6.0	2.411	86.6	3.1	0.7
77	10/10/2015 07:31:10	16.44	49.11	32.14	6.98	8.10	6.2	2.491	86.7	2.9	0.7
78	10/10/2015 07:46:11	16.18	49.13	32.15	7.01	8.10	5.9	2.575	86.6	2.8	0.7
79	10/10/2015 08:01:11	15.99	49.10	32.12	7.04	8.10	5.7	2.647	86.7	2.7	0.6
80	10/10/2015 08:16:11	15.90	49.06	32.10	7.05	8.10	5.4	2.727	86.6	2.8	0.7
81	10/10/2015 08:31:11	15.81	49.02	32.06	7.07	8.10	6.1	2.807	86.7	2.4	0.6
82	10/10/2015 08:46:11	15.62	49.04	32.08	7.10	8.11	6.5	2.896	86.7	2.3	0.6
83	10/10/2015 09:01:11	15.47	49.13	32.13	7.13	8.12	6.7	2.974	87.0	2.8	0.7
84	10/10/2015 09:16:11	15.36	49.12	32.13	7.16	8.12	7.9	3.072	87.1	3.0	0.7
85	10/10/2015 09:31:11	15.14	48.94	31.99	7.27	8.14	8.4	3.154	87.9	3.4	0.8
86	10/10/2015 09:46:11	14.91	49.00	32.03	7.36	8.15	8.2	3.233	88.7	3.1	0.7
87	10/10/2015 10:01:10	14.60	49.02	32.04	7.52	8.17	7.9	3.340	90.1	3.2	0.7
88	10/10/2015 10:16:11	14.41	49.09	32.08	7.65	8.19	7.2	3.410	91.2	3.5	0.8
89	10/10/2015 10:31:11	14.27	49.03	32.04	7.74	8.21	6.5	3.481	92.0	3.7	0.9
90	10/10/2015 10:46:11	14.11	49.05	32.05	7.88	8.22	4.9	3.552	93.5	4.0	0.9
91	10/10/2015 11:01:11	14.08	49.08	32.07	7.92	8.24	3.5	3.609	93.8	3.5	0.8
92	10/10/2015 11:16:11	14.01	49.10	32.08	8.02	8.25	2.9	3.634	94.9	3.7	0.9
93	10/10/2015 11:31:11	14.33	48.92	31.96	7.85	8.24	3.4	3.652	93.4	3.3	0.8
94	10/10/2015 11:46:11	14.09	49.04	32.04	7.86	8.24	3.1	3.658	93.1	3.0	0.7
95	10/10/2015 12:01:11	14.01	48.97	31.98	7.93	8.25	2.9	3.646	93.8	2.5	0.6
96	10/10/2015 12:16:11	14.08	48.92	31.95	7.87	8.25	4.4	3.597	93.2	2.4	0.6
97	10/10/2015 12:31:11	14.16	48.98	31.99	7.87	8.25	5.2	3.533	93.4	2.6	0.6
98	10/10/2015 12:46:11	14.50	49.04	32.05	7.94	8.25	5.7	3.465	94.9	3.7	0.9
99	10/10/2015 13:01:11	14.63	49.07	32.07	8.02	8.25	6.2	3.382	96.1	3.0	0.7
100	10/10/2015 13:16:11	15.15	49.00	32.04	8.56	8.29	4.1	3.290	103.6	2.7	0.6
101	10/10/2015 13:31:11	15.21	49.10	32.11	8.36	8.28	5.9	3.188	101.4	3.1	0.7
102	10/10/2015 13:46:11	15.55	49.11	32.12	7.92	8.25	6.6	3.104	96.7	3.1	0.7
103	10/10/2015 14:01:11	15.93	49.13	32.15	7.72	8.22	7.6	2.990	95.0	3.2	0.7
104	10/10/2015 14:16:10	16.11	49.05	32.09	7.77	8.22	6.8	2.903	95.9	3.0	0.7
105	10/10/2015 14:31:11	16.34	49.04	32.09	7.77	8.22	6.6	2.803	96.4	2.9	0.7
106	10/10/2015 14:46:11	16.37	49.09	32.12	7.79	8.21	5.7	2.698	96.6	2.9	0.7
107	10/10/2015 15:01:11	16.54	49.13	32.15	7.92	8.22	6.6	2.615	98.6	2.7	0.6
108	10/10/2015 15:16:11	16.71	49.21	32.21	8.14	8.24	6.1	2.506	101.8	2.9	0.7
109	10/10/2015 15:31:11	16.56	49.04	32.09	8.13	8.24	6.7	2.422	101.2	3.0	0.7
110	10/10/2015 15:46:11	16.55	49.03	32.08	8.20	8.24	6.3	2.315	102.0	2.6	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
111	10/10/2015 16:01:11	16.62	49.18	32.19	7.96	8.23	6.7	2.232	99.2	3.1	0.7
112	10/10/2015 16:16:10	16.69	49.18	32.19	7.82	8.22	6.1	2.157	97.6	3.4	0.8
113	10/10/2015 16:31:11	16.80	49.13	32.16	7.82	8.22	6.1	2.080	97.9	3.9	0.9
114	10/10/2015 16:46:10	16.88	49.09	32.13	7.99	8.24	6.0	2.010	100.1	3.1	0.7
115	10/10/2015 17:01:10	16.89	49.02	32.08	7.94	8.24	4.9	1.957	99.5	3.3	0.8
116	10/10/2015 17:16:11	16.98	49.14	32.16	7.91	8.23	4.8	1.945	99.4	2.8	0.7
117	10/10/2015 17:31:11	16.80	49.07	32.11	8.36	8.27	4.3	1.924	104.6	3.5	0.8
118	10/10/2015 17:46:11	17.17	49.12	32.15	7.90	8.22	4.7	1.918	99.6	3.6	0.8
119	10/10/2015 18:01:11	17.26	49.02	32.08	7.78	8.20	5.0	1.975	98.2	3.9	0.9
120	10/10/2015 18:16:11	17.27	49.10	32.14	7.55	8.18	5.5	2.012	95.4	4.1	1.0
121	10/10/2015 18:31:11	17.40	49.17	32.19	7.53	8.18	5.1	2.072	95.4	3.7	0.9
122	10/10/2015 18:46:11	17.35	49.09	32.14	7.52	8.18	6.0	2.142	95.1	3.6	0.8
123	10/10/2015 19:01:11	17.66	49.13	32.17	7.62	8.19	7.6	2.224	96.9	4.2	1.0
124	10/10/2015 19:16:11	17.28	49.09	32.14	7.69	8.19	6.8	2.322	97.1	4.2	1.0
125	10/10/2015 19:31:11	17.08	49.08	32.12	7.70	8.19	6.3	2.392	96.9	3.6	0.8
126	10/10/2015 19:46:10	17.04	49.08	32.12	7.67	8.19	6.1	2.467	96.4	3.6	0.9
127	10/10/2015 20:01:11	16.66	49.03	32.08	7.65	8.19	5.4	2.554	95.5	3.8	0.9
128	10/10/2015 20:16:11	16.49	49.02	32.07	7.54	8.18	5.4	2.640	93.8	3.6	0.8
129	10/10/2015 20:31:11	16.34	48.98	32.05	7.45	8.17	5.8	2.707	92.3	3.2	0.8
130	10/10/2015 20:46:11	16.31	48.97	32.03	7.44	8.18	5.6	2.791	92.1	3.5	0.8
131	10/10/2015 21:01:11	16.28	48.97	32.03	7.43	8.17	5.7	2.871	92.0	3.4	0.8
132	10/10/2015 21:16:11	16.11	48.93	32.00	7.49	8.18	6.8	2.948	92.4	3.5	0.8
133	10/10/2015 21:31:11	15.96	49.00	32.06	7.53	8.18	6.3	3.031	92.6	2.9	0.7
134	10/10/2015 21:46:11	15.86	48.96	32.02	7.55	8.19	6.2	3.105	92.7	3.8	0.9
135	10/10/2015 22:01:11	15.75	48.91	31.98	7.59	8.19	6.9	3.177	92.9	3.8	0.9
136	10/10/2015 22:16:11	15.42	49.00	32.04	7.80	8.21	6.8	3.268	94.9	3.8	0.9
137	10/10/2015 22:31:11	15.18	48.92	31.97	7.90	8.23	7.1	3.314	95.7	4.0	0.9
138	10/10/2015 22:46:10	15.08	48.83	31.91	7.90	8.23	5.9	3.396	95.5	3.7	0.9
139	10/10/2015 23:01:10	14.89	48.87	31.93	7.96	8.24	6.2	3.473	95.8	4.3	1.0
140	10/10/2015 23:16:11	14.73	48.84	31.91	8.02	8.26	4.1	3.502	96.3	3.8	0.9
141	10/10/2015 23:31:11	14.78	48.87	31.94	8.05	8.26	2.7	3.528	96.7	4.2	1.0
142	10/10/2015 23:46:11	14.65	48.92	31.97	8.02	8.27	2.4	3.555	96.1	4.2	1.0
143	10/11/2015 00:01:11	14.66	48.99	32.01	7.90	8.26	2.6	3.551	94.6	3.0	0.7
144	10/11/2015 00:16:11	14.71	48.93	31.97	7.92	8.26	3.4	3.553	95.0	2.7	0.6
145	10/11/2015 00:31:11	14.80	49.01	32.04	7.86	8.25	2.9	3.490	94.5	2.7	0.6
146	10/11/2015 00:46:11	14.92	48.87	31.94	7.84	8.25	3.5	3.445	94.5	2.8	0.7
147	10/11/2015 01:01:11	15.34	49.00	32.04	7.60	8.22	5.7	3.359	92.3	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	Fluorescence %FS
148	10/11/2015 01:16:11	15.28	48.93	31.98	7.58	8.21	6.2	3.289	92.0	2.8	0.7
149	10/11/2015 01:31:11	15.30	49.00	32.04	7.63	8.21	5.2	3.182	92.6	3.5	0.8
150	10/11/2015 01:46:11	15.75	49.05	32.08	7.43	8.19	6.5	3.104	91.0	3.5	0.8
151	10/11/2015 02:01:11	16.02	49.03	32.08	7.29	8.18	6.4	2.995	89.8	3.2	0.7
152	10/11/2015 02:16:11	15.99	48.99	32.05	7.33	8.18	6.3	2.909	90.2	2.9	0.7
153	10/11/2015 02:31:11	16.22	48.99	32.05	7.16	8.16	6.3	2.833	88.5	3.5	0.8
154	10/11/2015 02:46:11	16.31	49.12	32.14	7.13	8.15	7.2	2.745	88.3	2.8	0.6
155	10/11/2015 03:01:11	16.40	49.03	32.08	7.05	8.14	6.6	2.641	87.5	2.4	0.6
156	10/11/2015 03:16:11	16.56	49.01	32.07	6.91	8.13	6.4	2.543	86.0	3.1	0.7
157	10/11/2015 03:31:11	16.56	49.02	32.08	6.92	8.13	6.8	2.459	86.2	3.5	0.8
158	10/11/2015 03:46:11	16.50	49.02	32.07	6.97	8.14	6.5	2.352	86.6	2.9	0.7
159	10/11/2015 04:01:11	16.52	49.04	32.09	6.99	8.14	6.3	2.277	86.9	2.8	0.7
160	10/11/2015 04:16:11	16.46	49.03	32.08	6.94	8.13	6.3	2.200	86.2	3.2	0.8
161	10/11/2015 04:31:11	16.58	48.92	32.00	6.94	8.13	6.5	2.109	86.4	3.2	0.8
162	10/11/2015 04:46:11	16.51	48.97	32.04	6.88	8.13	6.3	2.066	85.5	3.0	0.7
163	10/11/2015 05:01:11	16.58	49.08	32.12	6.83	8.12	6.6	1.989	85.1	3.2	0.8
164	10/11/2015 05:16:10	16.66	48.84	31.95	6.76	8.11	6.4	1.940	84.2	3.1	0.7
165	10/11/2015 05:31:11	16.79	49.04	32.10	6.71	8.11	5.1	1.936	83.9	3.2	0.8
166	10/11/2015 05:46:10	16.92	48.89	31.99	6.74	8.11	4.3	1.932	84.5	3.7	0.9
167	10/11/2015 06:01:11	17.01	49.18	32.20	6.84	8.12	4.5	1.956	85.9	3.2	0.8
168	10/11/2015 06:16:11	16.93	49.05	32.10	6.86	8.12	4.5	2.009	86.0	3.1	0.7
169	10/11/2015 06:31:11	17.11	49.08	32.13	6.83	8.12	4.9	2.029	85.9	2.6	0.6
170	10/11/2015 06:46:11	17.03	49.12	32.15	6.88	8.12	4.9	2.117	86.5	2.8	0.6
171	10/11/2015 07:01:11	17.09	49.00	32.07	6.88	8.12	6.7	2.205	86.6	3.5	0.8
172	10/11/2015 07:16:11	17.23	48.97	32.05	6.82	8.12	9.3	2.273	86.0	3.0	0.7
173	10/11/2015 07:31:11	16.90	49.00	32.06	6.88	8.12	7.4	2.357	86.3	2.8	0.7
174	10/11/2015 07:46:11	16.80	49.09	32.13	6.90	8.12	6.5	2.446	86.4	2.8	0.7
175	10/11/2015 08:01:11	16.76	49.10	32.13	6.90	8.12	6.7	2.522	86.3	2.5	0.6
176	10/11/2015 08:16:11	16.59	49.07	32.11	6.99	8.13	6.5	2.611	87.0	2.8	0.7
177	10/11/2015 08:31:11	16.41	49.06	32.10	7.06	8.14	6.3	2.690	87.7	2.7	0.6
178	10/11/2015 08:46:11	16.31	48.96	32.03	7.13	8.13	6.8	2.774	88.3	2.8	0.7
179	10/11/2015 09:01:11	16.20	49.00	32.05	7.16	8.14	6.5	2.868	88.5	3.0	0.7
180	10/11/2015 09:16:11	16.02	48.86	31.95	7.19	8.15	7.0	2.961	88.5	2.8	0.7
181	10/11/2015 09:31:12	15.90	49.04	32.08	7.22	8.16	7.1	3.035	88.7	2.9	0.7
182	10/11/2015 09:46:11	15.79	48.96	32.02	7.28	8.17	8.0	3.119	89.3	2.7	0.6
183	10/11/2015 10:01:11	15.60	48.89	31.96	7.39	8.17	9.2	3.217	90.2	2.9	0.7
184	10/11/2015 10:16:11	15.37	48.96	32.01	7.51	8.19	9.2	3.297	91.3	3.1	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
185	10/11/2015 10:31:11	15.13	48.86	31.93	7.67	8.22	8.7	3.385	92.8	3.4	0.8
186	10/11/2015 10:46:11	14.86	48.92	31.97	7.84	8.24	8.1	3.471	94.3	3.9	0.9
187	10/11/2015 11:01:11	14.70	48.77	31.86	7.99	8.26	7.8	3.520	95.8	3.8	0.9
188	10/11/2015 11:16:11	14.49	48.97	32.00	8.09	8.28	7.1	3.609	96.6	4.4	1.0
189	10/11/2015 11:31:11	14.46	48.82	31.89	8.16	8.27	4.6	3.644	97.3	4.2	1.0
190	10/11/2015 11:46:11	14.44	49.02	32.03	8.20	8.27	3.5	3.671	97.9	4.6	1.1
191	10/11/2015 12:01:11	14.44	48.96	31.99	8.15	8.26	2.1	3.702	97.3	3.7	0.9
192	10/11/2015 12:16:10	14.70	48.95	31.99	8.00	8.24	4.0	3.687	96.0	2.9	0.7
193	10/11/2015 12:31:11	14.46	48.93	31.97	8.12	8.25	3.9	3.679	96.9	2.8	0.7
194	10/11/2015 12:46:11	14.53	49.04	32.05	8.07	8.24	4.4	3.641	96.5	2.3	0.5
195	10/11/2015 13:01:11	14.57	49.07	32.07	8.13	8.24	5.2	3.570	97.3	2.6	0.6
196	10/11/2015 13:16:11	14.81	49.03	32.05	8.22	8.24	5.7	3.507	98.8	3.3	0.8
197	10/11/2015 13:31:11	15.03	49.05	32.07	8.69	8.27	5.8	3.408	104.9	3.8	0.9
198	10/11/2015 13:46:11	15.23	49.06	32.08	8.65	8.26	5.1	3.301	104.9	2.6	0.6
199	10/11/2015 14:01:11	15.89	48.98	32.03	8.24	8.21	6.0	3.203	101.3	3.1	0.7
200	10/11/2015 14:16:11	16.08	49.11	32.13	7.91	8.18	7.1	3.089	97.6	3.2	0.7
201	10/11/2015 14:31:11	16.31	49.11	32.14	7.91	8.17	7.3	2.977	98.0	3.1	0.7
202	10/11/2015 14:46:11	16.47	49.12	32.15	7.92	8.16	7.0	2.876	98.5	3.5	0.8
203	10/11/2015 15:01:11	16.59	49.05	32.09	8.00	8.16	6.9	2.781	99.7	3.0	0.7
204	10/11/2015 15:16:11	16.82	49.16	32.18	8.01	8.16	6.3	2.669	100.3	2.9	0.7
205	10/11/2015 15:31:11	17.06	49.11	32.15	8.07	8.16	6.1	2.563	101.5	2.5	0.6
206	10/11/2015 15:46:11	17.07	49.09	32.13	8.06	8.16	6.8	2.467	101.4	3.0	0.7
207	10/11/2015 16:01:11	17.15	49.16	32.18	8.27	8.17	6.7	2.376	104.2	2.9	0.7
208	10/11/2015 16:16:11	17.14	49.09	32.13	8.41	8.19	5.5	2.273	105.9	2.6	0.6
209	10/11/2015 16:31:11	17.26	49.04	32.10	8.42	8.18	6.5	2.176	106.2	3.2	0.7
210	10/11/2015 16:46:11	17.22	49.09	32.14	8.51	8.20	5.1	2.067	107.4	3.1	0.7
211	10/11/2015 17:01:11	17.32	49.14	32.17	8.42	8.19	5.7	1.982	106.5	2.7	0.6
212	10/11/2015 17:16:11	17.39	49.15	32.18	7.96	8.15	4.9	1.924	100.7	3.5	0.8
213	10/11/2015 17:31:11	17.48	49.14	32.17	8.05	8.16	4.9	1.866	102.1	3.0	0.7
214	10/11/2015 17:46:11	17.52	49.16	32.18	8.38	8.19	4.0	1.817	106.3	3.0	0.7
215	10/11/2015 18:01:11	17.60	49.13	32.17	8.35	8.20	3.9	1.795	106.1	2.7	0.6
216	10/11/2015 18:16:11	17.42	49.08	32.13	8.56	8.20	4.7	1.803	108.4	3.5	0.8
217	10/11/2015 18:31:11	17.70	49.23	32.24	8.18	8.16	4.3	1.832	104.2	3.1	0.7
218	10/11/2015 18:46:11	17.62	49.19	32.21	7.97	8.15	4.9	1.878	101.4	4.1	1.0
219	10/11/2015 19:01:11	17.99	49.10	32.15	7.80	8.12	4.9	1.939	99.9	3.4	0.8
220	10/11/2015 19:16:11	17.82	49.17	32.20	7.74	8.12	5.3	2.024	98.8	3.5	0.8
221	10/11/2015 19:31:11	18.27	48.96	32.05	7.90	8.13	7.4	2.121	101.7	4.0	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
222	10/11/2015 19:46:10	18.02	49.15	32.18	7.85	8.13	7.2	2.201	100.6	3.7	0.9
223	10/11/2015 20:01:11	17.74	49.10	32.15	7.89	8.13	6.1	2.282	100.6	3.6	0.9
224	10/11/2015 20:16:11	17.63	49.16	32.19	7.89	8.14	5.6	2.360	100.3	3.2	0.7
225	10/11/2015 20:31:11	17.50	48.97	32.05	7.84	8.13	5.7	2.460	99.4	3.1	0.7
226	10/11/2015 20:46:11	17.10	49.02	32.08	7.67	8.12	5.8	2.541	96.4	3.4	0.8
227	10/11/2015 21:01:11	17.00	49.08	32.13	7.52	8.11	5.6	2.625	94.5	3.6	0.8
228	10/11/2015 21:16:11	16.91	49.01	32.07	7.52	8.11	5.6	2.692	94.2	2.8	0.7
229	10/11/2015 21:31:11	16.80	49.02	32.08	7.54	8.11	6.0	2.782	94.4	3.4	0.8
230	10/11/2015 21:46:11	16.65	49.11	32.14	7.59	8.12	6.4	2.863	94.7	3.4	0.8
231	10/11/2015 22:01:11	16.50	48.97	32.04	7.69	8.13	6.5	2.933	95.6	3.3	0.8
232	10/11/2015 22:16:11	16.41	49.11	32.14	7.73	8.13	6.0	3.027	96.0	3.2	0.7
233	10/11/2015 22:31:11	16.20	48.99	32.05	7.86	8.15	8.4	3.106	97.1	4.1	1.0
234	10/11/2015 22:46:11	15.94	48.76	31.88	7.97	8.16	8.7	3.179	97.9	3.6	0.8
235	10/11/2015 23:01:11	15.71	48.01	31.32	8.05	8.17	9.0	3.274	98.1	3.6	0.8
236	10/11/2015 23:16:11	15.36	47.85	31.20	8.20	8.19	6.6	3.350	99.1	3.9	0.9
237	10/11/2015 23:31:11	15.16	47.86	31.21	8.27	8.20	6.5	3.418	99.6	4.0	0.9
238	10/11/2015 23:46:11	15.10	47.69	31.08	8.29	8.21	5.9	3.479	99.6	3.9	0.9
239	10/12/2015 00:01:12	15.05	48.71	31.82	8.21	8.21	4.2	3.514	99.0	4.2	1.0
240	10/12/2015 00:16:11	15.09	48.65	31.78	8.18	8.21	3.0	3.549	98.7	4.1	1.0
241	10/12/2015 00:31:11	15.07	48.46	31.64	8.06	8.19	3.2	3.565	97.2	3.5	0.8
242	10/12/2015 00:46:11	15.25	48.34	31.56	7.97	8.19	3.5	3.553	96.4	2.5	0.6
243	10/12/2015 01:01:11	15.43	48.49	31.67	7.81	8.18	3.8	3.515	94.9	3.0	0.7
244	10/12/2015 01:16:11	15.25	48.55	31.71	7.86	8.19	4.0	3.469	95.2	2.5	0.6
245	10/12/2015 01:31:11	15.87	48.58	31.74	7.55	8.16	4.3	3.404	92.6	2.5	0.6
246	10/12/2015 01:46:11	15.92	48.47	31.67	7.52	8.14	6.7	3.319	92.2	3.1	0.7
247	10/12/2015 02:01:11	15.30	48.45	31.64	7.81	8.18	5.9	3.222	94.6	3.5	0.8
248	10/12/2015 02:16:11	15.53	48.31	31.54	7.72	8.17	6.1	3.130	93.9	3.2	0.7
249	10/12/2015 02:31:11	16.10	48.37	31.59	7.47	8.14	6.5	3.053	91.9	3.2	0.7
250	10/12/2015 02:46:11	16.25	48.47	31.67	7.43	8.14	6.2	2.957	91.8	2.8	0.7
251	10/12/2015 03:01:11	16.55	48.60	31.77	7.24	8.11	6.3	2.862	89.9	3.2	0.8
252	10/12/2015 03:16:11	16.67	48.72	31.86	7.15	8.10	8.0	2.779	89.1	2.8	0.7
253	10/12/2015 03:31:11	16.74	48.79	31.91	7.10	8.10	6.1	2.682	88.6	2.9	0.7
254	10/12/2015 03:46:11	16.80	48.84	31.94	6.97	8.09	6.1	2.589	87.1	2.3	0.5
255	10/12/2015 04:01:11	16.86	48.85	31.95	7.03	8.09	6.3	2.497	88.0	3.0	0.7
256	10/12/2015 04:16:11	16.83	48.92	32.01	7.04	8.09	7.0	2.397	88.0	2.9	0.7
257	10/12/2015 04:31:10	16.80	48.86	31.96	7.07	8.09	7.1	2.312	88.3	3.0	0.7
258	10/12/2015 04:46:10	16.84	49.02	32.08	7.08	8.09	6.8	2.227	88.6	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	Fluorescence %FS
259	10/12/2015 05:01:10	16.80	48.99	32.06	7.02	8.09	6.2	2.162	87.8	2.7	0.6
260	10/12/2015 05:16:11	16.76	49.07	32.11	7.03	8.08	6.4	2.077	87.9	2.5	0.6
261	10/12/2015 05:31:11	16.92	49.09	32.13	7.01	8.07	5.8	2.010	87.9	2.5	0.6
262	10/12/2015 05:46:11	16.85	49.12	32.15	6.98	8.07	5.4	1.994	87.4	2.4	0.6
263	10/12/2015 06:01:11	16.94	49.04	32.09	7.02	8.07	5.0	1.960	88.1	3.2	0.8
264	10/12/2015 06:16:11	17.13	49.10	32.14	7.05	8.08	4.3	1.952	88.7	3.1	0.7
265	10/12/2015 06:31:11	17.32	49.01	32.08	7.08	8.07	4.0	1.980	89.4	2.7	0.6
266	10/12/2015 06:46:11	17.19	49.11	32.15	7.08	8.07	4.4	2.028	89.2	2.9	0.7
267	10/12/2015 07:01:11	17.33	49.10	32.14	7.03	8.07	5.2	2.081	88.9	2.4	0.6
268	10/12/2015 07:16:11	17.25	49.03	32.09	7.02	8.08	5.3	2.149	88.5	2.7	0.6
269	10/12/2015 07:31:11	17.20	49.12	32.16	6.99	8.08	6.5	2.225	88.2	3.1	0.7
270	10/12/2015 07:46:11	17.15	49.16	32.18	6.96	8.08	7.6	2.319	87.7	2.9	0.7
271	10/12/2015 08:01:11	16.95	49.14	32.17	6.96	8.08	6.8	2.401	87.4	2.0	0.5
272	10/12/2015 08:16:11	16.89	49.08	32.12	6.97	8.09	6.0	2.491	87.3	3.0	0.7
273	10/12/2015 08:31:11	16.86	49.07	32.12	7.00	8.09	5.8	2.565	87.6	2.4	0.6
274	10/12/2015 08:46:11	16.68	49.16	32.18	7.09	8.09	5.7	2.650	88.6	2.6	0.6
275	10/12/2015 09:01:11	16.53	49.27	32.26	7.22	8.10	5.7	2.727	90.0	2.9	0.7
276	10/12/2015 09:16:11	16.46	49.18	32.19	7.30	8.10	5.9	2.816	90.7	2.6	0.6
277	10/12/2015 09:31:11	16.33	49.15	32.17	7.36	8.10	6.3	2.896	91.3	2.2	0.5
278	10/12/2015 09:46:11	16.15	49.16	32.17	7.42	8.11	7.4	2.987	91.7	2.7	0.6
279	10/12/2015 10:01:11	16.04	49.29	32.27	7.49	8.12	7.1	3.080	92.4	2.6	0.6
280	10/12/2015 10:16:11	15.91	49.17	32.17	7.56	8.13	12.2	3.159	93.0	2.8	0.7
281	10/12/2015 10:31:11	15.67	49.08	32.10	7.67	8.14	9.1	3.255	93.8	3.1	0.7
282	10/12/2015 10:46:11	15.39	49.17	32.17	7.80	8.16	10.6	3.350	95.0	3.6	0.8
283	10/12/2015 11:01:11	15.13	49.10	32.11	7.96	8.18	9.0	3.431	96.3	3.4	0.8
284	10/12/2015 11:16:11	14.89	48.97	32.01	8.09	8.20	11.6	3.513	97.4	3.3	0.8
285	10/12/2015 11:31:11	14.71	49.06	32.07	8.19	8.21	8.0	3.585	98.3	3.7	0.9
286	10/12/2015 11:46:11	14.59	49.09	32.09	8.26	8.22	6.1	3.646	98.9	2.9	0.7
287	10/12/2015 12:01:11	14.52	49.15	32.13	8.32	8.23	3.7	3.700	99.5	3.6	0.8
288	10/12/2015 12:16:11	14.51	49.03	32.04	8.31	8.23	3.1	3.725	99.4	3.6	0.8
289	10/12/2015 12:31:11	14.69	49.04	32.06	8.18	8.22	2.5	3.735	98.1	2.9	0.7
290	10/12/2015 12:46:11	14.53	49.06	32.07	8.09	8.21	3.1	3.735	96.8	2.5	0.6
291	10/12/2015 13:01:11	14.56	49.16	32.14	8.18	8.22	3.2	3.706	97.9	2.5	0.6
292	10/12/2015 13:16:11	14.52	49.05	32.06	8.18	8.22	3.7	3.639	97.8	2.4	0.6
293	10/12/2015 13:31:11	14.71	49.09	32.09	8.21	8.22	5.9	3.567	98.5	2.6	0.6
294	10/12/2015 13:46:11	15.11	49.13	32.13	8.43	8.23	6.1	3.477	102.0	2.7	0.6
295	10/12/2015 14:01:11	15.35	49.22	32.20	8.60	8.24	5.5	3.384	104.7	3.0	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
296	10/12/2015 14:16:11	15.67	49.24	32.22	8.64	8.24	4.8	3.274	105.8	2.9	0.7
297	10/12/2015 14:31:11	16.15	49.22	32.21	8.24	8.20	6.9	3.167	101.8	3.4	0.8
298	10/12/2015 14:46:11	16.21	49.21	32.21	8.08	8.18	7.0	3.067	100.0	3.0	0.7
299	10/12/2015 15:01:11	16.48	49.32	32.29	8.06	8.18	6.5	2.958	100.3	3.0	0.7
300	10/12/2015 15:16:11	16.74	49.15	32.18	8.11	8.18	5.8	2.851	101.4	2.9	0.7
301	10/12/2015 15:31:11	16.91	49.33	32.31	8.07	8.17	5.9	2.741	101.3	2.6	0.6
302	10/12/2015 15:46:11	17.07	49.37	32.34	8.15	8.17	7.0	2.636	102.6	3.3	0.8
303	10/12/2015 16:01:11	17.25	49.38	32.35	8.29	8.18	6.0	2.525	104.8	2.7	0.6
304	10/12/2015 16:16:11	17.19	49.13	32.16	8.35	8.19	5.8	2.418	105.3	2.6	0.6
305	10/12/2015 16:31:11	17.09	49.24	32.25	8.43	8.20	6.5	2.314	106.1	2.5	0.6
306	10/12/2015 16:46:11	17.17	49.26	32.26	8.58	8.21	6.0	2.197	108.2	2.7	0.6
307	10/12/2015 17:01:11	17.17	49.25	32.25	8.29	8.19	5.1	2.096	104.5	2.7	0.6
308	10/12/2015 17:16:11	17.39	49.33	32.31	8.11	8.17	6.1	1.996	102.7	3.4	0.8
309	10/12/2015 17:31:11	17.40	49.33	32.31	8.25	8.18	5.6	1.904	104.5	3.0	0.7
310	10/12/2015 17:46:11	17.45	49.32	32.30	8.35	8.20	5.4	1.830	105.9	3.1	0.7
311	10/12/2015 18:01:11	17.50	49.27	32.27	8.12	8.18	4.5	1.772	103.0	2.8	0.7
312	10/12/2015 18:16:11	17.49	49.31	32.29	8.22	8.19	4.4	1.724	104.4	2.8	0.7
313	10/12/2015 18:31:11	17.53	49.32	32.30	8.07	8.18	3.7	1.698	102.5	2.8	0.6
314	10/12/2015 18:46:11	17.36	49.34	32.32	8.73	8.23	4.2	1.703	110.5	2.9	0.7
315	10/12/2015 19:01:11	17.64	49.30	32.29	8.34	8.19	4.3	1.739	106.2	3.5	0.8
316	10/12/2015 19:16:11	17.67	49.29	32.28	8.11	8.16	4.4	1.784	103.2	3.7	0.9
317	10/12/2015 19:31:11	18.01	49.43	32.39	8.03	8.15	4.6	1.845	103.1	3.4	0.8
318	10/12/2015 19:46:11	17.93	49.35	32.33	8.01	8.14	5.0	1.926	102.6	3.2	0.8
319	10/12/2015 20:01:10	18.06	49.27	32.27	8.05	8.14	6.8	2.017	103.3	3.9	0.9
320	10/12/2015 20:16:11	18.19	49.37	32.34	8.09	8.15	7.3	2.094	104.1	3.8	0.9
321	10/12/2015 20:31:11	17.92	49.36	32.34	8.07	8.15	6.4	2.183	103.3	3.7	0.9
322	10/12/2015 20:46:11	17.79	49.27	32.27	8.08	8.15	5.7	2.282	103.1	3.5	0.8
323	10/12/2015 21:01:11	17.70	49.31	32.29	8.04	8.15	5.2	2.357	102.4	3.3	0.8
324	10/12/2015 21:16:11	17.44	49.35	32.33	7.89	8.14	5.4	2.439	100.1	3.5	0.8
325	10/12/2015 21:31:11	17.24	49.31	32.29	7.74	8.13	5.1	2.533	97.7	3.3	0.8
326	10/12/2015 21:46:11	17.15	49.30	32.29	7.65	8.12	5.0	2.604	96.5	3.3	0.8
327	10/12/2015 22:01:11	17.01	49.31	32.29	7.70	8.13	5.4	2.692	96.8	3.1	0.7
328	10/12/2015 22:16:11	16.88	49.36	32.33	7.74	8.13	6.0	2.780	97.1	3.8	0.9
329	10/12/2015 22:31:11	16.75	49.28	32.27	7.78	8.14	6.8	2.854	97.3	2.8	0.7
330	10/12/2015 22:46:11	16.65	49.23	32.23	7.80	8.14	6.5	2.944	97.3	3.1	0.7
331	10/12/2015 23:01:11	16.47	49.27	32.25	7.85	8.15	6.6	3.033	97.6	3.2	0.8
332	10/12/2015 23:16:11	16.27	49.24	32.23	7.92	8.16	7.7	3.112	98.2	3.4	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
333	10/12/2015 23:31:12	15.99	49.24	32.23	7.95	8.17	7.9	3.195	98.0	3.5	0.8
334	10/12/2015 23:46:11	15.55	49.27	32.24	8.03	8.18	7.8	3.274	98.1	3.3	0.8
335	10/13/2015 00:01:11	15.38	49.23	32.21	8.07	8.19	6.7	3.347	98.2	3.7	0.9
336	10/13/2015 00:16:11	15.22	49.19	32.18	8.11	8.19	6.7	3.412	98.4	3.4	0.8
337	10/13/2015 00:31:11	15.13	49.16	32.16	8.11	8.20	4.8	3.477	98.2	3.7	0.9
338	10/13/2015 00:46:11	15.14	49.19	32.17	8.05	8.19	3.9	3.508	97.6	2.9	0.7
339	10/13/2015 01:01:11	15.78	49.38	32.33	7.42	8.14	4.5	3.526	91.1	3.5	0.8
340	10/13/2015 01:16:11	15.44	49.12	32.13	7.71	8.16	3.8	3.536	94.0	2.3	0.5
341	10/13/2015 01:31:11	15.14	49.22	32.20	7.91	8.18	3.2	3.519	95.8	2.5	0.6
342	10/13/2015 01:46:11	15.37	49.28	32.24	7.85	8.18	3.8	3.470	95.6	2.0	0.5
343	10/13/2015 02:01:11	15.33	49.25	32.22	7.87	8.18	4.0	3.414	95.7	2.3	0.5
344	10/13/2015 02:16:12	16.18	49.26	32.25	7.44	8.13	6.1	3.354	92.0	2.8	0.7
345	10/13/2015 02:31:11	15.61	49.27	32.24	7.65	8.15	6.1	3.264	93.5	2.7	0.6
346	10/13/2015 02:46:11	15.45	49.28	32.24	7.86	8.17	5.1	3.166	95.8	3.0	0.7
347	10/13/2015 03:01:11	15.79	49.20	32.20	7.71	8.15	4.9	3.081	94.7	3.3	0.8
348	10/13/2015 03:16:11	16.17	49.23	32.22	7.55	8.14	5.6	2.987	93.4	2.9	0.7
349	10/13/2015 03:31:11	16.36	49.29	32.27	7.42	8.12	5.9	2.895	92.1	2.7	0.6
350	10/13/2015 03:46:11	16.54	49.36	32.32	7.30	8.11	5.2	2.801	91.0	2.9	0.7
351	10/13/2015 04:01:11	16.60	49.35	32.32	7.30	8.10	5.6	2.724	91.1	2.8	0.7
352	10/13/2015 04:16:12	16.59	49.41	32.36	7.07	8.09	5.9	2.631	88.3	2.8	0.6
353	10/13/2015 04:31:11	16.65	49.39	32.35	7.16	8.09	5.2	2.529	89.4	3.2	0.8
354	10/13/2015 04:46:11	16.67	49.43	32.37	7.15	8.09	5.7	2.461	89.3	3.0	0.7
355	10/13/2015 05:01:11	16.67	49.30	32.28	7.21	8.09	5.4	2.379	90.1	2.7	0.6
356	10/13/2015 05:16:11	16.47	49.42	32.36	7.01	8.08	6.5	2.309	87.3	2.8	0.7
357	10/13/2015 05:31:11	16.65	49.39	32.35	7.18	8.09	5.7	2.232	89.6	2.8	0.7
358	10/13/2015 05:46:11	16.57	49.40	32.35	7.06	8.08	5.8	2.154	88.0	2.8	0.7
359	10/13/2015 06:01:12	16.49	49.41	32.36	7.03	8.08	5.6	2.120	87.5	3.3	0.8
360	10/13/2015 06:16:11	16.54	49.39	32.34	7.04	8.08	5.1	2.079	87.7	3.2	0.8
361	10/13/2015 06:31:11	16.68	49.28	32.27	7.11	8.09	4.8	2.045	88.9	2.7	0.6
362	10/13/2015 06:46:11	16.85	49.39	32.35	7.15	8.09	4.0	2.054	89.6	3.1	0.7
363	10/13/2015 07:01:11	17.10	49.49	32.42	7.25	8.09	3.7	2.048	91.4	2.9	0.7
364	10/13/2015 07:16:11	16.94	49.37	32.34	7.28	8.09	3.8	2.096	91.4	2.5	0.6
365	10/13/2015 07:31:11	16.99	49.45	32.39	7.29	8.10	4.3	2.129	91.7	2.7	0.6
366	10/13/2015 07:46:11	16.94	49.40	32.36	7.31	8.10	4.3	2.201	91.8	2.5	0.6
367	10/13/2015 08:01:11	16.89	49.34	32.31	7.31	8.10	5.8	2.287	91.7	2.4	0.6
368	10/13/2015 08:16:11	16.77	49.29	32.27	7.30	8.10	5.4	2.373	91.4	2.3	0.5
369	10/13/2015 08:31:11	16.59	49.38	32.34	7.25	8.09	5.9	2.444	90.4	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	Fluorescence %FS
370	10/13/2015 08:46:11	16.52	49.36	32.32	7.25	8.10	4.6	2.535	90.4	2.7	0.6
371	10/13/2015 09:01:11	16.51	49.34	32.31	7.29	8.10	4.7	2.628	90.7	2.6	0.6
372	10/13/2015 09:16:11	16.47	49.24	32.24	7.35	8.11	4.8	2.697	91.4	2.8	0.7
373	10/13/2015 09:31:11	16.38	49.27	32.25	7.41	8.11	5.1	2.768	92.1	2.3	0.5
374	10/13/2015 09:46:11	16.35	49.27	32.25	7.46	8.12	5.6	2.856	92.6	2.4	0.6
375	10/13/2015 10:01:11	16.26	49.37	32.32	7.50	8.12	5.7	2.930	92.9	2.6	0.6
376	10/13/2015 10:16:12	16.11	49.33	32.30	7.54	8.13	6.7	3.015	93.2	2.7	0.6
377	10/13/2015 10:31:11	15.97	49.25	32.24	7.59	8.14	6.2	3.092	93.5	2.7	0.6
378	10/13/2015 10:46:11	15.87	49.22	32.21	7.65	8.14	6.5	3.195	94.1	2.6	0.6
379	10/13/2015 11:01:11	15.61	49.22	32.21	7.73	8.15	8.1	3.274	94.5	2.7	0.6
380	10/13/2015 11:16:11	15.33	49.25	32.22	7.83	8.16	8.5	3.365	95.2	2.7	0.6
381	10/13/2015 11:31:11	15.03	49.18	32.17	7.94	8.18	9.1	3.448	96.0	3.3	0.8
382	10/13/2015 11:46:11	14.79	49.28	32.23	7.99	8.19	8.0	3.506	96.1	2.9	0.7
383	10/13/2015 12:01:11	14.46	49.15	32.13	8.03	8.19	8.9	3.590	95.9	2.7	0.6
384	10/13/2015 12:16:11	14.20	49.27	32.21	8.06	8.20	7.0	3.661	95.9	2.7	0.6
385	10/13/2015 12:31:11	14.10	49.24	32.18	8.06	8.20	4.3	3.694	95.7	2.9	0.7
386	10/13/2015 12:46:11	14.07	49.22	32.17	8.06	8.20	3.3	3.723	95.5	2.6	0.6
387	10/13/2015 13:01:11	14.04	49.15	32.12	7.99	8.20	2.6	3.744	94.6	2.7	0.6
388	10/13/2015 13:16:11	14.02	49.20	32.15	7.95	8.20	2.8	3.734	94.2	1.7	0.4
389	10/13/2015 13:31:11	14.09	49.25	32.19	7.93	8.20	3.9	3.698	94.1	2.4	0.6
390	10/13/2015 13:46:11	14.15	49.02	32.03	7.92	8.19	4.7	3.647	94.0	2.0	0.5
391	10/13/2015 14:01:11	14.42	49.25	32.20	7.98	8.20	4.6	3.554	95.3	2.4	0.6
392	10/13/2015 14:16:11	15.17	49.31	32.26	8.27	8.22	7.8	3.474	100.3	2.8	0.7
393	10/13/2015 14:31:11	15.24	49.07	32.09	8.51	8.23	5.2	3.380	103.3	2.5	0.6
394	10/13/2015 14:46:11	15.92	49.31	32.28	8.32	8.21	5.7	3.276	102.5	2.8	0.7
395	10/13/2015 15:01:11	16.18	49.29	32.26	8.19	8.20	7.6	3.159	101.3	2.8	0.7
396	10/13/2015 15:16:11	16.22	49.27	32.25	8.12	8.19	6.7	3.056	100.5	3.6	0.8
397	10/13/2015 15:31:11	16.43	49.33	32.30	8.19	8.19	6.8	2.945	101.8	2.6	0.6
398	10/13/2015 15:46:11	16.71	49.36	32.32	8.40	8.20	7.2	2.847	105.0	2.9	0.7
399	10/13/2015 16:01:11	16.84	49.35	32.32	8.39	8.20	6.5	2.727	105.2	3.2	0.8
400	10/13/2015 16:16:11	17.04	49.23	32.23	8.28	8.19	6.1	2.630	104.1	2.9	0.7
401	10/13/2015 16:31:11	17.02	49.37	32.34	8.36	8.19	5.7	2.518	105.1	3.0	0.7
402	10/13/2015 16:46:11	17.18	49.37	32.33	8.49	8.21	5.9	2.410	107.1	2.5	0.6
403	10/13/2015 17:01:11	17.04	49.24	32.24	8.46	8.20	6.2	2.296	106.4	2.8	0.7
404	10/13/2015 17:16:11	17.18	49.36	32.33	8.47	8.20	5.6	2.180	106.9	3.2	0.7
405	10/13/2015 17:31:11	17.11	49.32	32.30	8.42	8.20	5.5	2.069	106.0	2.8	0.7
406	10/13/2015 17:46:11	17.21	49.39	32.35	8.43	8.20	6.3	1.958	106.5	3.3	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
407	10/13/2015 18:01:11	17.31	49.36	32.33	8.39	8.20	6.0	1.858	106.2	2.8	0.7
408	10/13/2015 18:16:11	17.37	49.31	32.30	8.44	8.21	5.2	1.770	106.9	3.2	0.8
409	10/13/2015 18:31:11	17.42	49.39	32.35	8.49	8.21	5.2	1.698	107.7	2.7	0.6
410	10/13/2015 18:46:11	17.45	49.38	32.35	8.27	8.19	4.5	1.652	104.9	2.7	0.6
411	10/13/2015 19:01:11	17.54	49.38	32.35	8.26	8.19	4.4	1.626	105.0	3.4	0.8
412	10/13/2015 19:16:11	17.34	49.31	32.30	8.75	8.24	4.6	1.613	110.8	3.2	0.8
413	10/13/2015 19:31:11	17.52	49.35	32.33	8.45	8.20	4.0	1.643	107.3	2.9	0.7
414	10/13/2015 19:46:11	17.48	49.36	32.33	8.33	8.19	4.8	1.674	105.7	3.0	0.7
415	10/13/2015 20:01:11	17.89	49.47	32.41	8.33	8.18	4.8	1.751	106.6	3.4	0.8
416	10/13/2015 20:16:11	17.84	49.45	32.40	8.31	8.17	5.0	1.828	106.2	3.6	0.8
417	10/13/2015 20:31:11	17.79	49.49	32.43	8.25	8.17	5.4	1.910	105.5	3.0	0.7
418	10/13/2015 20:46:11	17.99	49.37	32.35	8.36	8.17	7.9	2.002	107.1	4.0	0.9
419	10/13/2015 21:01:11	17.74	49.35	32.33	8.26	8.16	6.6	2.090	105.4	3.6	0.8
420	10/13/2015 21:16:11	17.64	49.40	32.37	8.24	8.17	5.6	2.187	105.0	3.3	0.8
421	10/13/2015 21:31:11	17.63	49.42	32.38	8.24	8.17	5.2	2.271	105.0	3.1	0.7
422	10/13/2015 21:46:11	17.63	49.42	32.38	8.20	8.16	5.4	2.357	104.5	3.3	0.8
423	10/13/2015 22:01:11	17.36	49.35	32.33	8.02	8.15	5.7	2.444	101.6	2.9	0.7
424	10/13/2015 22:16:11	17.26	49.29	32.28	7.87	8.14	4.8	2.527	99.5	3.3	0.8
425	10/13/2015 22:31:11	17.13	49.33	32.31	7.85	8.14	5.2	2.612	99.0	3.0	0.7
426	10/13/2015 22:46:11	16.98	49.32	32.30	7.88	8.14	5.6	2.695	99.0	2.9	0.7
427	10/13/2015 23:01:11	16.85	49.35	32.32	7.92	8.15	5.8	2.783	99.3	3.6	0.8
428	10/13/2015 23:16:12	16.75	49.41	32.36	7.91	8.15	6.7	2.866	99.0	3.4	0.8
429	10/13/2015 23:31:11	16.63	49.35	32.32	7.90	8.15	7.5	2.945	98.6	3.1	0.7
430	10/13/2015 23:46:11	16.36	49.35	32.32	7.97	8.16	7.3	3.029	99.0	3.2	0.8
431	10/14/2015 00:01:11	16.08	49.24	32.23	7.99	8.16	7.9	3.112	98.6	3.4	0.8
432	10/14/2015 00:16:11	15.66	49.20	32.19	8.01	8.17	7.5	3.200	98.1	2.8	0.7
433	10/14/2015 00:31:11	15.34	49.29	32.25	8.02	8.17	7.8	3.275	97.6	2.8	0.7
434	10/14/2015 00:46:11	15.20	49.25	32.22	8.02	8.18	7.6	3.340	97.3	3.8	0.9
435	10/14/2015 01:01:10	15.04	49.19	32.17	8.01	8.18	7.3	3.409	96.8	2.8	0.7
436	10/14/2015 01:16:11	14.96	49.30	32.25	7.98	8.18	5.1	3.457	96.4	2.9	0.7
437	10/14/2015 01:31:11	15.46	48.90	31.97	7.80	8.16	4.2	3.480	95.0	3.0	0.7
438	10/14/2015 01:46:11	15.17	49.23	32.21	7.74	8.16	3.7	3.499	93.8	2.6	0.6
439	10/14/2015 02:01:12	14.97	49.36	32.29	7.73	8.16	3.8	3.498	93.4	2.0	0.5
440	10/14/2015 02:16:11	15.00	49.32	32.26	7.82	8.17	4.5	3.475	94.5	2.1	0.5
441	10/14/2015 02:31:11	14.99	49.23	32.20	7.85	8.17	4.8	3.428	94.8	2.4	0.6
442	10/14/2015 02:46:11	15.28	49.26	32.23	7.79	8.17	5.2	3.362	94.7	2.5	0.6
443	10/14/2015 03:01:11	15.92	49.38	32.33	7.64	8.15	6.7	3.286	94.0	2.9	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
444	10/14/2015 03:16:11	15.29	49.30	32.26	7.80	8.16	6.2	3.207	94.9	3.0	0.7
445	10/14/2015 03:31:11	15.39	49.35	32.30	7.81	8.16	4.9	3.106	95.1	2.9	0.7
446	10/14/2015 03:46:11	15.87	49.19	32.19	7.70	8.15	5.8	3.017	94.7	2.7	0.6
447	10/14/2015 04:01:11	16.25	49.38	32.33	7.60	8.14	5.2	2.932	94.2	2.4	0.6
448	10/14/2015 04:16:11	16.43	49.34	32.31	7.56	8.13	5.4	2.846	94.0	2.8	0.7
449	10/14/2015 04:31:11	16.64	49.36	32.32	7.38	8.11	5.5	2.767	92.1	2.7	0.6
450	10/14/2015 04:46:12	16.68	49.45	32.39	7.28	8.10	5.7	2.685	91.0	2.6	0.6
451	10/14/2015 05:01:11	16.67	49.44	32.39	7.35	8.11	5.1	2.609	91.9	2.1	0.5
452	10/14/2015 05:16:11	16.70	49.43	32.38	7.33	8.11	5.4	2.536	91.7	2.4	0.6
453	10/14/2015 05:31:11	16.76	49.48	32.42	7.31	8.10	5.3	2.462	91.5	2.8	0.7
454	10/14/2015 05:46:11	16.72	49.28	32.27	7.17	8.09	5.7	2.383	89.6	2.5	0.6
455	10/14/2015 06:01:12	16.67	49.44	32.39	7.18	8.09	5.6	2.333	89.8	3.0	0.7
456	10/14/2015 06:16:12	16.67	49.46	32.40	7.34	8.11	4.6	2.262	91.7	2.4	0.6
457	10/14/2015 06:31:11	16.73	49.46	32.40	7.27	8.10	4.7	2.206	91.0	2.8	0.7
458	10/14/2015 06:46:12	16.68	49.47	32.41	7.19	8.10	4.8	2.185	89.9	3.0	0.7
459	10/14/2015 07:01:12	16.72	49.33	32.31	7.23	8.10	4.0	2.153	90.4	2.5	0.6
460	10/14/2015 07:16:11	16.83	49.45	32.39	7.31	8.11	3.7	2.152	91.7	2.9	0.7
461	10/14/2015 07:31:11	16.91	49.51	32.43	7.47	8.12	3.5	2.169	93.9	2.4	0.6
462	10/14/2015 07:46:12	16.81	49.49	32.42	7.41	8.11	3.8	2.200	92.9	2.5	0.6
463	10/14/2015 08:01:12	16.96	49.41	32.36	7.48	8.12	4.0	2.238	94.0	2.6	0.6
464	10/14/2015 08:16:11	16.91	49.37	32.34	7.51	8.12	4.3	2.297	94.3	2.3	0.5
465	10/14/2015 08:31:11	16.86	49.34	32.31	7.49	8.12	5.1	2.370	94.0	2.5	0.6
466	10/14/2015 08:46:11	16.75	49.44	32.38	7.46	8.11	5.4	2.448	93.4	2.5	0.6
467	10/14/2015 09:01:11	16.54	49.23	32.23	7.44	8.11	5.2	2.528	92.7	2.7	0.6
468	10/14/2015 09:16:12	16.51	49.39	32.35	7.42	8.11	5.0	2.615	92.5	2.3	0.5
469	10/14/2015 09:31:11	16.50	49.34	32.31	7.47	8.12	4.9	2.692	93.0	2.5	0.6
470	10/14/2015 09:46:11	16.36	49.36	32.32	7.56	8.12	4.9	2.767	93.9	2.3	0.5
471	10/14/2015 10:01:11	16.27	49.34	32.30	7.61	8.13	5.1	2.847	94.4	2.2	0.5
472	10/14/2015 10:16:11	16.25	49.22	32.22	7.64	8.13	5.3	2.938	94.7	2.4	0.6
473	10/14/2015 10:31:11	16.10	49.22	32.21	7.68	8.14	5.7	3.014	94.9	2.5	0.6
474	10/14/2015 10:46:11	15.86	49.35	32.30	7.71	8.14	6.2	3.103	94.8	2.2	0.5
475	10/14/2015 11:01:11	15.69	49.26	32.24	7.76	8.15	6.6	3.189	95.1	2.8	0.7
476	10/14/2015 11:16:11	15.56	49.21	32.20	7.80	8.15	6.9	3.281	95.3	2.7	0.6
477	10/14/2015 11:31:11	15.24	49.26	32.22	7.88	8.16	7.9	3.367	95.6	2.9	0.7
478	10/14/2015 11:46:11	14.94	49.32	32.26	7.96	8.17	7.1	3.452	96.1	2.9	0.7
479	10/14/2015 12:01:11	14.58	49.19	32.16	8.06	8.19	6.3	3.541	96.5	2.5	0.6
480	10/14/2015 12:16:11	14.36	49.20	32.16	8.09	8.19	7.0	3.610	96.4	3.1	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
481	10/14/2015 12:31:11	14.17	49.26	32.20	8.07	8.19	5.9	3.675	95.9	2.7	0.6
482	10/14/2015 12:46:11	13.95	49.18	32.14	8.06	8.19	4.9	3.730	95.3	3.0	0.7
483	10/14/2015 13:01:11	13.80	49.27	32.19	8.07	8.20	3.0	3.769	95.1	2.8	0.7
484	10/14/2015 13:16:11	13.75	49.34	32.24	8.03	8.20	2.9	3.795	94.6	3.1	0.7
485	10/14/2015 13:31:11	14.05	49.12	32.09	8.03	8.20	3.7	3.796	95.1	2.3	0.5
486	10/14/2015 13:46:11	13.84	49.27	32.19	7.87	8.19	4.0	3.771	92.9	2.1	0.5
487	10/14/2015 14:01:11	14.01	49.32	32.24	7.91	8.19	3.5	3.733	93.7	1.8	0.4
488	10/14/2015 14:16:11	14.03	49.22	32.17	7.92	8.19	4.5	3.660	93.8	1.9	0.5
489	10/14/2015 14:31:11	14.88	49.32	32.27	8.13	8.21	6.0	3.586	98.0	2.4	0.6
490	10/14/2015 14:46:11	15.45	49.31	32.27	8.52	8.23	5.1	3.507	104.0	2.6	0.6
491	10/14/2015 15:01:11	15.38	49.26	32.23	8.39	8.22	4.2	3.401	102.1	2.5	0.6
492	10/14/2015 15:16:11	16.02	49.33	32.29	8.38	8.21	5.2	3.290	103.4	2.5	0.6
493	10/14/2015 15:31:11	16.10	49.34	32.30	8.24	8.20	6.3	3.192	101.8	2.3	0.5
494	10/14/2015 15:46:11	16.13	49.22	32.22	8.22	8.20	5.7	3.093	101.6	2.9	0.7
495	10/14/2015 16:01:11	16.34	49.27	32.25	8.21	8.19	5.9	2.997	101.9	3.0	0.7
496	10/14/2015 16:16:11	16.56	49.34	32.31	8.31	8.20	6.3	2.876	103.6	3.1	0.7
497	10/14/2015 16:31:10	16.80	49.39	32.35	8.44	8.20	7.1	2.769	105.7	2.5	0.6
498	10/14/2015 16:46:10	16.81	49.25	32.25	8.37	8.20	5.4	2.673	104.8	2.7	0.6
499	10/14/2015 17:01:10	17.03	49.34	32.31	8.50	8.20	5.9	2.558	106.9	3.2	0.8
500	10/14/2015 17:16:10	17.14	49.46	32.41	8.44	8.20	7.8	2.434	106.5	3.2	0.7
501	10/14/2015 17:31:11	17.10	49.39	32.36	8.46	8.20	6.1	2.323	106.6	2.9	0.7
502	10/14/2015 17:46:11	17.06	49.34	32.31	8.62	8.22	5.2	2.219	108.6	2.6	0.6
503	10/14/2015 18:01:11	16.97	49.33	32.31	8.59	8.22	4.8	2.105	108.0	2.7	0.6
504	10/14/2015 18:16:11	17.24	49.34	32.32	8.50	8.21	5.9	1.999	107.4	2.6	0.6
505	10/14/2015 18:31:11	17.38	49.40	32.36	8.40	8.20	6.3	1.895	106.4	3.0	0.7
506	10/14/2015 18:46:11	17.38	49.40	32.36	8.35	8.20	5.6	1.802	105.8	3.0	0.7
507	10/14/2015 19:01:10	17.43	49.39	32.35	8.26	8.19	5.1	1.740	104.8	3.3	0.8
508	10/14/2015 19:16:11	17.46	49.41	32.37	8.35	8.20	5.7	1.679	105.9	3.6	0.9
509	10/14/2015 19:31:10	17.60	49.39	32.36	8.28	8.20	6.0	1.634	105.3	3.5	0.8
510	10/14/2015 19:46:11	17.65	49.42	32.38	8.03	8.18	3.6	1.639	102.3	3.8	0.9
511	10/14/2015 20:01:11	17.59	49.43	32.38	8.36	8.20	4.7	1.638	106.3	3.3	0.8
512	10/14/2015 20:16:11	17.93	49.48	32.42	8.42	8.19	4.3	1.670	107.9	3.7	0.9
513	10/14/2015 20:31:11	17.89	49.44	32.40	8.27	8.18	4.4	1.735	105.9	3.6	0.8
514	10/14/2015 20:46:11	17.95	49.43	32.39	8.41	8.18	4.7	1.811	107.7	3.6	0.8
515	10/14/2015 21:01:11	17.85	49.52	32.45	8.33	8.18	4.8	1.890	106.5	3.7	0.9
516	10/14/2015 21:16:11	18.00	49.45	32.40	8.33	8.17	7.0	1.980	106.8	3.8	0.9
517	10/14/2015 21:31:11	17.93	49.29	32.29	8.33	8.17	6.9	2.071	106.6	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	Fluorescence %FS
518	10/14/2015 21:46:10	17.79	49.27	32.27	8.27	8.17	5.9	2.167	105.6	3.3	0.8
519	10/14/2015 22:01:11	17.76	49.40	32.36	8.27	8.17	5.7	2.242	105.5	3.9	0.9
520	10/14/2015 22:16:11	17.74	49.49	32.43	8.25	8.17	5.0	2.333	105.3	3.3	0.8
521	10/14/2015 22:31:11	17.51	49.35	32.32	8.13	8.16	5.6	2.432	103.3	3.6	0.8
522	10/14/2015 22:46:11	17.34	49.29	32.28	7.95	8.15	5.1	2.510	100.7	3.6	0.8
523	10/14/2015 23:01:11	17.23	49.25	32.25	7.91	8.15	5.1	2.593	99.9	3.9	0.9
524	10/14/2015 23:16:11	17.10	49.36	32.33	7.91	8.15	5.8	2.689	99.6	3.2	0.7
525	10/14/2015 23:31:11	16.90	49.34	32.32	7.96	8.16	5.6	2.774	99.9	3.4	0.8
526	10/14/2015 23:46:11	16.84	49.21	32.22	7.96	8.16	5.9	2.851	99.7	3.5	0.8
527	10/15/2015 00:01:11	16.68	49.27	32.26	7.94	8.16	6.8	2.945	99.1	3.5	0.8
528	10/15/2015 00:16:11	16.49	49.23	32.23	7.95	8.16	8.1	3.031	99.0	3.4	0.8
529	10/15/2015 00:31:11	16.17	49.19	32.20	7.95	8.16	6.8	3.117	98.3	2.9	0.7
530	10/15/2015 00:46:11	15.82	49.27	32.25	7.90	8.17	7.3	3.199	97.0	3.4	0.8
531	10/15/2015 01:01:11	15.42	49.22	32.20	7.91	8.17	7.8	3.280	96.3	3.5	0.8
532	10/15/2015 01:16:11	15.28	49.23	32.21	7.89	8.17	9.4	3.346	95.9	3.2	0.7
533	10/15/2015 01:31:11	15.10	49.18	32.16	7.87	8.17	6.4	3.406	95.2	3.4	0.8
534	10/15/2015 01:46:11	15.06	49.12	32.12	7.88	8.17	4.3	3.451	95.2	2.4	0.6
535	10/15/2015 02:01:11	15.09	49.15	32.14	7.78	8.17	3.5	3.488	94.1	2.5	0.6
536	10/15/2015 02:16:11	14.97	49.25	32.21	7.75	8.17	3.2	3.506	93.6	2.3	0.5
537	10/15/2015 02:31:11	14.99	49.34	32.28	7.72	8.17	3.2	3.500	93.3	2.4	0.6
538	10/15/2015 02:46:11	14.98	49.35	32.29	7.71	8.17	4.1	3.491	93.2	2.0	0.5
539	10/15/2015 03:01:11	15.05	49.32	32.27	7.75	8.17	4.9	3.440	93.8	2.1	0.5
540	10/15/2015 03:16:12	15.64	49.30	32.26	7.62	8.15	5.0	3.387	93.2	2.6	0.6
541	10/15/2015 03:31:11	16.09	49.31	32.28	7.51	8.14	5.6	3.327	92.7	2.6	0.6
542	10/15/2015 03:46:11	16.03	49.39	32.34	7.63	8.15	6.0	3.245	94.2	3.2	0.7
543	10/15/2015 04:01:11	15.62	49.30	32.26	7.72	8.15	5.1	3.165	94.4	2.8	0.6
544	10/15/2015 04:16:12	15.90	49.20	32.20	7.69	8.15	5.1	3.080	94.6	2.8	0.7
545	10/15/2015 04:31:12	16.28	49.46	32.39	7.55	8.14	5.1	3.011	93.6	2.7	0.6
546	10/15/2015 04:46:11	16.49	49.33	32.30	7.50	8.13	4.8	2.927	93.3	2.4	0.6
547	10/15/2015 05:01:11	16.60	49.35	32.32	7.51	8.13	4.6	2.847	93.7	2.7	0.6
548	10/15/2015 05:16:11	16.81	49.37	32.33	7.36	8.12	5.0	2.775	92.2	2.7	0.6
549	10/15/2015 05:31:11	16.88	49.43	32.38	7.36	8.12	4.5	2.701	92.4	2.5	0.6
550	10/15/2015 05:46:11	16.92	49.29	32.28	7.27	8.11	4.8	2.641	91.3	3.0	0.7
551	10/15/2015 06:01:11	16.94	49.39	32.35	7.24	8.11	4.5	2.572	90.9	2.8	0.6
552	10/15/2015 06:16:12	16.97	49.41	32.37	7.25	8.11	4.4	2.501	91.2	2.3	0.5
553	10/15/2015 06:31:11	17.02	49.36	32.33	7.33	8.11	4.2	2.459	92.2	3.4	0.8
554	10/15/2015 06:46:10	17.00	49.40	32.36	7.17	8.10	4.8	2.401	90.2	2.7	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
555	10/15/2015 07:01:11	17.04	49.33	32.31	7.28	8.10	4.5	2.361	91.6	2.9	0.7
556	10/15/2015 07:16:11	17.11	49.30	32.29	7.35	8.11	4.3	2.328	92.6	3.0	0.7
557	10/15/2015 07:31:10	17.07	49.39	32.35	7.27	8.11	4.3	2.300	91.6	2.8	0.7
558	10/15/2015 07:46:11	17.15	49.41	32.36	7.41	8.12	3.4	2.296	93.5	2.4	0.6
559	10/15/2015 08:01:11	17.12	49.25	32.25	7.36	8.11	3.2	2.298	92.8	2.8	0.7
560	10/15/2015 08:16:11	17.14	49.44	32.39	7.36	8.11	3.6	2.332	92.8	2.8	0.6
561	10/15/2015 08:31:11	17.14	49.38	32.35	7.42	8.12	3.8	2.361	93.6	2.8	0.7
562	10/15/2015 08:46:11	17.13	49.40	32.36	7.52	8.12	3.8	2.420	94.9	2.8	0.7
563	10/15/2015 09:01:11	17.06	49.39	32.35	7.51	8.12	5.1	2.488	94.5	2.6	0.6
564	10/15/2015 09:16:11	16.93	49.39	32.35	7.51	8.12	5.7	2.558	94.3	1.8	0.4
565	10/15/2015 09:31:11	16.78	49.39	32.35	7.46	8.12	5.7	2.635	93.4	2.4	0.6
566	10/15/2015 09:46:11	16.69	49.39	32.34	7.49	8.12	4.8	2.709	93.6	2.5	0.6
567	10/15/2015 10:01:11	16.66	49.40	32.35	7.50	8.12	4.6	2.792	93.7	2.8	0.6
568	10/15/2015 10:16:11	16.45	49.36	32.32	7.59	8.13	4.9	2.872	94.4	2.8	0.7
569	10/15/2015 10:31:10	16.23	49.33	32.30	7.66	8.14	4.8	2.953	94.8	2.5	0.6
570	10/15/2015 10:46:11	16.19	49.40	32.34	7.68	8.14	4.9	3.033	95.0	2.5	0.6
571	10/15/2015 11:01:11	16.02	49.28	32.26	7.71	8.14	5.6	3.125	95.0	2.5	0.6
572	10/15/2015 11:16:11	15.75	49.30	32.27	7.72	8.15	6.2	3.205	94.7	2.5	0.6
573	10/15/2015 11:31:11	15.55	49.30	32.26	7.75	8.15	5.2	3.292	94.6	2.5	0.6
574	10/15/2015 11:46:11	15.40	49.32	32.27	7.76	8.15	6.0	3.380	94.6	2.5	0.6
575	10/15/2015 12:01:11	14.99	49.25	32.22	7.81	8.16	5.9	3.459	94.4	2.2	0.5
576	10/15/2015 12:16:11	14.74	49.26	32.22	7.83	8.17	5.7	3.530	94.1	1.9	0.5
577	10/15/2015 12:31:11	14.40	49.26	32.21	7.87	8.17	5.4	3.602	94.0	2.7	0.6
578	10/15/2015 12:46:11	14.13	49.20	32.16	7.94	8.18	4.4	3.667	94.2	2.3	0.5
579	10/15/2015 13:01:11	13.96	49.28	32.21	7.97	8.19	3.4	3.725	94.3	2.5	0.6
580	10/15/2015 13:16:11	13.82	49.12	32.09	8.01	8.19	2.6	3.766	94.4	2.0	0.5
581	10/15/2015 13:31:11	13.78	49.10	32.07	7.98	8.20	1.9	3.789	94.0	2.1	0.5
582	10/15/2015 13:46:11	13.74	49.15	32.11	7.95	8.20	1.5	3.811	93.6	2.7	0.6
583	10/15/2015 14:01:11	13.88	49.27	32.20	7.84	8.19	1.7	3.807	92.6	1.8	0.4
584	10/15/2015 14:16:11	13.74	49.24	32.17	7.86	8.19	2.1	3.779	92.5	2.3	0.5
585	10/15/2015 14:31:11	13.91	49.29	32.22	7.84	8.19	2.5	3.734	92.7	1.5	0.4
586	10/15/2015 14:46:11	13.89	49.22	32.16	7.87	8.19	2.6	3.676	93.0	1.6	0.4
587	10/15/2015 15:01:11	14.90	49.25	32.21	7.96	8.19	4.6	3.590	96.0	2.6	0.6
588	10/15/2015 15:16:11	15.24	49.24	32.21	8.20	8.21	3.9	3.508	99.5	2.9	0.7
589	10/15/2015 15:31:11	15.36	49.27	32.23	8.16	8.20	3.8	3.412	99.4	2.7	0.6
590	10/15/2015 15:46:11	15.67	49.37	32.31	8.06	8.19	5.0	3.308	98.7	3.0	0.7
591	10/15/2015 16:01:11	15.77	49.22	32.21	8.10	8.19	4.8	3.211	99.3	3.4	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
592	10/15/2015 16:16:11	15.79	49.30	32.27	8.01	8.18	5.5	3.106	98.3	3.1	0.7
593	10/15/2015 16:31:11	15.98	49.30	32.27	8.06	8.18	5.2	3.003	99.3	2.9	0.7
594	10/15/2015 16:46:11	16.18	49.35	32.31	8.12	8.18	5.8	2.893	100.5	3.0	0.7
595	10/15/2015 17:01:11	16.42	49.34	32.31	8.16	8.19	5.7	2.790	101.4	3.4	0.8
596	10/15/2015 17:16:12	16.54	49.40	32.35	8.01	8.18	5.7	2.686	99.8	3.2	0.8
597	10/15/2015 17:31:12	16.73	49.44	32.39	8.02	8.18	5.4	2.577	100.4	2.7	0.6
598	10/15/2015 17:46:12	16.55	49.38	32.34	8.07	8.18	5.2	2.462	100.6	3.4	0.8
599	10/15/2015 18:01:11	16.56	49.38	32.34	8.03	8.18	6.4	2.354	100.2	3.4	0.8
600	10/15/2015 18:16:11	16.64	49.38	32.34	8.00	8.18	5.7	2.241	99.9	3.4	0.8
601	10/15/2015 18:31:11	16.98	49.45	32.40	7.95	8.17	5.9	2.124	100.0	3.8	0.9
602	10/15/2015 18:46:11	16.88	49.42	32.37	7.90	8.16	6.2	2.013	99.1	3.3	0.8
603	10/15/2015 19:01:11	16.92	49.35	32.32	7.86	8.16	6.0	1.926	98.7	3.6	0.9
604	10/15/2015 19:16:11	17.07	49.38	32.34	7.80	8.16	6.2	1.828	98.3	3.7	0.9
605	10/15/2015 19:31:12	17.04	49.37	32.33	7.72	8.15	5.2	1.747	97.2	4.0	0.9
606	10/15/2015 19:46:11	17.11	49.50	32.43	7.62	8.15	5.1	1.690	96.1	3.9	0.9
607	10/15/2015 20:01:11	17.09	49.40	32.36	7.62	8.15	5.3	1.645	96.0	3.9	0.9
608	10/15/2015 20:16:11	17.26	49.41	32.37	7.60	8.14	4.3	1.628	96.1	4.2	1.0
609	10/15/2015 20:31:11	17.34	49.41	32.37	7.68	8.15	4.3	1.638	97.3	4.5	1.1
610	10/15/2015 20:46:11	17.41	49.38	32.35	7.77	8.15	4.4	1.656	98.5	4.4	1.0
611	10/15/2015 21:01:11	17.43	49.46	32.41	7.74	8.15	4.6	1.724	98.2	4.1	1.0
612	10/15/2015 21:16:11	17.59	49.37	32.34	7.81	8.15	4.0	1.778	99.4	4.2	1.0
613	10/15/2015 21:31:11	17.52	49.46	32.40	7.78	8.14	4.6	1.857	98.9	3.8	0.9
614	10/15/2015 21:46:12	17.46	49.49	32.43	7.76	8.14	4.7	1.947	98.5	3.9	0.9
615	10/15/2015 22:01:11	17.43	49.43	32.38	7.75	8.13	5.8	2.026	98.3	4.3	1.0
616	10/15/2015 22:16:11	17.30	49.32	32.31	7.77	8.13	5.3	2.127	98.2	4.4	1.0
617	10/15/2015 22:31:11	17.25	49.36	32.33	7.77	8.13	5.1	2.202	98.2	3.7	0.9
618	10/15/2015 22:46:11	17.26	49.44	32.39	7.76	8.13	4.6	2.289	98.1	3.7	0.9
619	10/15/2015 23:01:11	17.25	49.47	32.41	7.75	8.13	4.6	2.381	98.0	3.9	0.9
620	10/15/2015 23:16:11	17.01	49.23	32.24	7.75	8.14	4.8	2.466	97.4	3.6	0.9
621	10/15/2015 23:31:11	16.92	49.39	32.35	7.74	8.14	4.8	2.545	97.2	3.3	0.8
622	10/15/2015 23:46:11	16.80	49.39	32.35	7.75	8.14	5.2	2.625	97.2	3.3	0.8
623	10/16/2015 00:01:11	16.66	49.41	32.36	7.76	8.14	5.3	2.715	97.0	3.6	0.8
624	10/16/2015 00:16:11	16.53	49.38	32.34	7.77	8.14	5.7	2.794	96.9	3.4	0.8
625	10/16/2015 00:31:11	16.42	49.34	32.31	7.79	8.14	5.6	2.877	96.8	3.2	0.8
626	10/16/2015 00:46:11	16.29	49.35	32.31	7.78	8.15	6.8	2.960	96.5	3.6	0.8
627	10/16/2015 01:01:11	16.06	49.24	32.23	7.81	8.15	7.6	3.043	96.4	3.0	0.7
628	10/16/2015 01:16:11	15.82	49.31	32.27	7.83	8.15	7.1	3.128	96.2	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	Fluorescence %FS
629	10/16/2015 01:31:11	15.56	49.33	32.29	7.85	8.16	6.8	3.199	95.9	3.5	0.8
630	10/16/2015 01:46:11	15.29	49.28	32.25	7.89	8.16	6.2	3.279	95.9	3.1	0.7
631	10/16/2015 02:01:11	15.10	49.22	32.20	7.93	8.17	5.8	3.341	96.0	3.0	0.7
632	10/16/2015 02:16:11	14.98	49.30	32.25	7.95	8.18	5.0	3.396	96.0	2.6	0.6
633	10/16/2015 02:31:11	14.89	49.30	32.25	7.95	8.18	3.7	3.443	95.8	2.5	0.6
634	10/16/2015 02:46:11	14.94	49.65	32.50	7.72	8.17	3.6	3.475	93.3	2.9	0.7
635	10/16/2015 03:01:12	15.04	49.26	32.22	7.70	8.16	3.1	3.489	93.1	2.8	0.6
636	10/16/2015 03:16:11	14.90	49.27	32.23	7.73	8.17	3.1	3.478	93.2	1.7	0.4
637	10/16/2015 03:31:12	15.11	49.16	32.15	7.74	8.17	3.9	3.447	93.6	2.0	0.5
638	10/16/2015 03:46:11	14.97	49.27	32.23	7.77	8.17	3.3	3.411	93.8	2.3	0.6
639	10/16/2015 04:01:11	15.15	49.34	32.29	7.73	8.16	5.2	3.339	93.7	2.6	0.6
640	10/16/2015 04:16:11	15.46	49.33	32.28	7.66	8.15	5.9	3.268	93.5	2.8	0.6
641	10/16/2015 04:31:11	15.32	49.30	32.26	7.67	8.15	5.1	3.202	93.3	3.1	0.7
642	10/16/2015 04:46:11	15.35	49.27	32.24	7.70	8.15	4.6	3.118	93.7	3.0	0.7
643	10/16/2015 05:01:11	15.76	49.31	32.27	7.56	8.14	4.6	3.037	92.8	3.4	0.8
644	10/16/2015 05:16:11	16.01	49.31	32.28	7.43	8.13	4.4	2.962	91.6	2.9	0.7
645	10/16/2015 05:31:11	16.20	49.26	32.24	7.32	8.12	4.4	2.896	90.6	3.1	0.7
646	10/16/2015 05:46:11	16.36	49.33	32.30	7.23	8.11	4.0	2.830	89.8	2.9	0.7
647	10/16/2015 06:01:12	16.48	49.45	32.39	7.12	8.10	4.5	2.764	88.7	3.1	0.7
648	10/16/2015 06:16:11	16.57	49.40	32.35	7.04	8.09	4.3	2.708	87.8	2.9	0.7
649	10/16/2015 06:31:11	16.53	49.34	32.31	6.96	8.09	5.9	2.660	86.8	2.7	0.6
650	10/16/2015 06:46:11	16.58	49.34	32.31	7.06	8.10	3.8	2.602	88.1	2.5	0.6
651	10/16/2015 07:01:11	16.59	49.41	32.36	6.99	8.09	4.2	2.550	87.2	3.3	0.8
652	10/16/2015 07:16:11	16.60	49.46	32.40	6.98	8.09	4.3	2.519	87.1	2.8	0.7
653	10/16/2015 07:31:11	16.69	49.45	32.39	7.08	8.09	3.6	2.472	88.6	2.9	0.7
654	10/16/2015 07:46:11	16.67	49.36	32.33	7.01	8.09	4.0	2.447	87.6	2.5	0.6
655	10/16/2015 08:01:11	16.73	49.35	32.32	7.01	8.09	3.8	2.432	87.7	2.7	0.6
656	10/16/2015 08:16:11	16.73	49.50	32.43	7.05	8.09	3.4	2.423	88.2	2.7	0.6
657	10/16/2015 08:31:11	16.72	49.42	32.37	7.09	8.09	3.0	2.428	88.7	2.8	0.7
658	10/16/2015 08:46:11	16.72	49.36	32.33	7.13	8.10	3.4	2.451	89.2	2.8	0.7
659	10/16/2015 09:01:11	16.64	49.47	32.41	7.18	8.10	3.5	2.474	89.7	2.7	0.6
660	10/16/2015 09:16:11	16.75	49.41	32.36	7.25	8.11	3.8	2.522	90.7	2.5	0.6
661	10/16/2015 09:31:11	16.67	49.36	32.33	7.29	8.11	4.3	2.573	91.1	2.3	0.5
662	10/16/2015 09:46:11	16.57	49.39	32.35	7.30	8.11	4.6	2.631	91.0	2.5	0.6
663	10/16/2015 10:01:11	16.43	49.36	32.32	7.30	8.11	5.1	2.704	90.9	2.6	0.6
664	10/16/2015 10:16:11	16.30	49.30	32.28	7.33	8.11	4.8	2.772	90.9	2.7	0.6
665	10/16/2015 10:31:11	16.26	49.39	32.34	7.34	8.12	4.5	2.840	91.0	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	Fluorescence %FS
666	10/16/2015 10:46:11	16.12	49.28	32.26	7.41	8.12	4.5	2.918	91.5	2.9	0.7
667	10/16/2015 11:01:11	15.92	49.28	32.26	7.52	8.13	4.2	3.003	92.5	2.5	0.6
668	10/16/2015 11:16:11	15.88	49.30	32.27	7.54	8.14	4.5	3.073	92.7	2.8	0.6
669	10/16/2015 11:31:11	15.71	49.36	32.31	7.58	8.14	5.6	3.157	92.9	2.9	0.7
670	10/16/2015 11:46:12	15.52	49.29	32.26	7.63	8.15	5.6	3.238	93.2	2.3	0.5
671	10/16/2015 12:01:11	15.31	49.26	32.23	7.69	8.16	4.2	3.318	93.5	2.9	0.7
672	10/16/2015 12:16:11	15.16	49.21	32.19	7.76	8.16	4.6	3.404	94.1	2.5	0.6
673	10/16/2015 12:31:11	15.02	49.24	32.21	7.80	8.17	4.6	3.471	94.2	2.6	0.6
674	10/16/2015 12:46:11	14.73	49.18	32.15	7.87	8.18	3.8	3.547	94.5	2.8	0.7
675	10/16/2015 13:01:11	14.47	49.10	32.10	7.97	8.19	3.5	3.620	95.2	2.3	0.5
676	10/16/2015 13:16:11	14.25	49.12	32.10	8.06	8.20	3.1	3.672	95.9	2.9	0.7
677	10/16/2015 13:31:11	14.11	49.20	32.16	8.10	8.20	2.6	3.724	96.1	1.6	0.4
678	10/16/2015 13:46:11	14.07	49.12	32.10	8.13	8.21	2.0	3.770	96.3	2.5	0.6
679	10/16/2015 14:01:11	14.04	49.17	32.13	8.14	8.21	1.7	3.791	96.4	2.5	0.6
680	10/16/2015 14:16:11	14.06	49.14	32.11	8.12	8.21	2.1	3.808	96.2	2.0	0.5
681	10/16/2015 14:31:11	14.03	49.14	32.11	8.00	8.20	1.2	3.810	94.7	1.9	0.5
682	10/16/2015 14:46:11	14.01	49.10	32.08	8.06	8.21	1.8	3.776	95.4	1.9	0.4
683	10/16/2015 15:01:11	14.11	49.16	32.12	8.00	8.20	2.1	3.727	94.9	1.8	0.4
684	10/16/2015 15:16:11	14.32	49.20	32.16	8.05	8.20	2.6	3.667	95.9	1.8	0.4
685	10/16/2015 15:31:11	14.70	49.15	32.13	8.12	8.21	3.3	3.590	97.5	2.1	0.5
686	10/16/2015 15:46:11	15.12	49.27	32.23	8.38	8.22	4.2	3.495	101.6	2.3	0.5
687	10/16/2015 16:01:11	15.09	49.22	32.20	8.35	8.22	3.4	3.405	101.0	2.5	0.6
688	10/16/2015 16:16:11	15.62	49.30	32.26	8.12	8.20	4.6	3.309	99.4	2.7	0.6
689	10/16/2015 16:31:11	15.75	49.36	32.31	7.99	8.19	4.2	3.213	98.1	2.7	0.6
690	10/16/2015 16:46:12	15.75	49.34	32.29	7.95	8.18	4.6	3.109	97.5	2.6	0.6
691	10/16/2015 17:01:11	15.83	49.36	32.32	7.93	8.18	4.3	2.995	97.5	3.2	0.8
692	10/16/2015 17:16:11	15.97	49.37	32.32	7.93	8.18	5.2	2.906	97.7	2.8	0.7
693	10/16/2015 17:31:11	16.42	49.23	32.23	7.94	8.17	4.4	2.806	98.7	3.1	0.7
694	10/16/2015 17:46:11	16.51	49.40	32.35	7.86	8.17	5.0	2.688	98.0	3.0	0.7
695	10/16/2015 18:01:11	16.58	49.25	32.24	7.80	8.16	5.7	2.582	97.2	3.0	0.7
696	10/16/2015 18:16:11	16.67	49.43	32.37	7.74	8.15	6.7	2.480	96.7	3.1	0.7
697	10/16/2015 18:31:11	16.60	49.42	32.37	7.73	8.15	6.6	2.365	96.5	2.7	0.6
698	10/16/2015 18:46:11	16.53	49.34	32.31	7.70	8.15	6.1	2.260	96.0	3.1	0.7
699	10/16/2015 19:01:11	16.55	49.35	32.32	7.63	8.14	6.4	2.141	95.1	3.9	0.9
700	10/16/2015 19:16:12	16.61	49.35	32.32	7.57	8.14	7.1	2.039	94.5	3.7	0.9
701	10/16/2015 19:31:11	16.60	49.42	32.36	7.50	8.13	5.7	1.950	93.6	3.6	0.9
702	10/16/2015 19:46:11	16.74	49.39	32.34	7.47	8.13	6.5	1.847	93.4	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	Fluorescence %FS
703	10/16/2015 20:01:11	16.78	49.38	32.34	7.40	8.13	5.9	1.765	92.7	3.5	0.8
704	10/16/2015 20:16:11	16.87	49.43	32.38	7.39	8.12	5.6	1.713	92.7	3.7	0.9
705	10/16/2015 20:31:11	16.85	49.42	32.37	7.33	8.12	5.6	1.665	91.9	4.0	0.9
706	10/16/2015 20:46:11	16.97	49.45	32.40	7.31	8.12	4.6	1.630	91.9	3.9	0.9
707	10/16/2015 21:01:11	17.12	49.43	32.38	7.37	8.12	4.3	1.619	93.0	4.0	0.9
708	10/16/2015 21:16:11	17.27	49.51	32.44	7.43	8.12	4.2	1.664	94.0	4.4	1.0
709	10/16/2015 21:31:11	17.14	49.49	32.42	7.42	8.12	3.9	1.687	93.6	3.7	0.9
710	10/16/2015 21:46:11	17.35	49.53	32.45	7.46	8.12	3.9	1.728	94.5	4.3	1.0
711	10/16/2015 22:01:11	17.29	49.48	32.42	7.49	8.12	3.9	1.819	94.8	3.7	0.9
712	10/16/2015 22:16:11	17.20	49.51	32.44	7.47	8.12	4.3	1.894	94.4	4.2	1.0
713	10/16/2015 22:31:11	17.22	49.45	32.40	7.46	8.10	5.8	1.979	94.2	3.9	0.9
714	10/16/2015 22:46:12	17.18	49.41	32.36	7.45	8.10	5.7	2.058	94.0	3.7	0.9
715	10/16/2015 23:01:11	17.08	49.39	32.35	7.42	8.10	5.0	2.141	93.5	4.0	0.9
716	10/16/2015 23:16:11	17.05	49.35	32.32	7.43	8.10	4.8	2.230	93.5	3.7	0.9
717	10/16/2015 23:31:11	17.05	49.47	32.41	7.43	8.10	4.7	2.308	93.6	3.8	0.9
718	10/16/2015 23:46:11	16.99	49.37	32.34	7.43	8.11	4.9	2.388	93.4	3.2	0.7
719	10/17/2015 00:01:11	16.81	49.30	32.29	7.47	8.12	4.2	2.469	93.6	3.4	0.8
720	10/17/2015 00:16:11	16.69	49.36	32.32	7.52	8.12	4.3	2.553	94.0	3.1	0.7
721	10/17/2015 00:31:11	16.62	49.40	32.35	7.54	8.13	4.2	2.630	94.1	3.1	0.7
722	10/17/2015 00:46:11	16.57	49.36	32.33	7.54	8.13	4.6	2.706	94.0	3.8	0.9
723	10/17/2015 01:01:11	16.37	49.31	32.28	7.59	8.13	4.7	2.784	94.2	3.6	0.9
724	10/17/2015 01:16:11	16.28	49.37	32.33	7.64	8.14	5.0	2.868	94.8	3.4	0.8
725	10/17/2015 01:31:11	16.18	49.36	32.32	7.66	8.14	5.6	2.946	94.8	3.2	0.7
726	10/17/2015 01:46:11	16.01	49.24	32.23	7.72	8.14	5.6	3.012	95.1	3.2	0.8
727	10/17/2015 02:01:11	15.79	49.33	32.29	7.76	8.15	5.5	3.097	95.3	3.3	0.8
728	10/17/2015 02:16:11	15.57	49.32	32.28	7.83	8.16	5.4	3.166	95.7	3.0	0.7
729	10/17/2015 02:31:11	15.45	49.27	32.24	7.84	8.16	4.9	3.235	95.6	2.6	0.6
730	10/17/2015 02:46:11	15.36	49.22	32.20	7.83	8.17	4.6	3.289	95.3	3.1	0.7
731	10/17/2015 03:01:11	15.43	49.25	32.22	7.79	8.16	3.6	3.346	94.9	2.9	0.7
732	10/17/2015 03:16:11	15.04	49.19	32.17	7.93	8.18	3.2	3.382	95.8	3.2	0.8
733	10/17/2015 03:31:11	16.15	49.09	32.12	7.30	8.12	4.8	3.398	90.2	3.4	0.8
734	10/17/2015 03:46:11	15.40	49.32	32.27	7.60	8.15	2.8	3.416	92.6	3.0	0.7
735	10/17/2015 04:01:11	15.02	49.28	32.24	7.75	8.17	2.3	3.399	93.7	2.1	0.5
736	10/17/2015 04:16:11	15.35	49.29	32.25	7.64	8.16	3.5	3.368	93.0	2.5	0.6
737	10/17/2015 04:31:11	15.49	49.31	32.27	7.63	8.15	2.9	3.331	93.1	2.3	0.5
738	10/17/2015 04:46:11	15.86	49.29	32.26	7.43	8.13	4.4	3.260	91.3	2.8	0.7
739	10/17/2015 05:01:11	15.95	49.36	32.31	7.43	8.13	4.4	3.216	91.5	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	Fluorescence %FS
740	10/17/2015 05:16:11	15.63	49.25	32.23	7.57	8.14	4.6	3.146	92.6	3.0	0.7
741	10/17/2015 05:31:11	15.52	49.28	32.25	7.63	8.15	4.1	3.072	93.1	2.8	0.7
742	10/17/2015 05:46:11	15.75	49.15	32.16	7.46	8.13	4.0	3.009	91.5	2.8	0.7
743	10/17/2015 06:01:11	16.08	49.28	32.26	7.32	8.12	3.8	2.939	90.4	2.7	0.6
744	10/17/2015 06:16:11	16.15	49.34	32.30	7.25	8.11	3.7	2.880	89.7	2.7	0.6
745	10/17/2015 06:31:11	16.18	49.37	32.33	7.17	8.10	3.7	2.817	88.7	2.9	0.7
746	10/17/2015 06:46:11	16.31	49.29	32.27	7.15	8.10	4.1	2.772	88.7	2.9	0.7
747	10/17/2015 07:01:11	16.34	49.31	32.28	7.03	8.09	4.0	2.727	87.2	3.0	0.7
748	10/17/2015 07:16:11	16.34	49.34	32.31	7.05	8.09	4.1	2.668	87.6	2.3	0.5
749	10/17/2015 07:31:11	16.35	49.31	32.29	7.17	8.10	3.7	2.635	89.0	2.6	0.6
750	10/17/2015 07:46:11	16.32	49.34	32.30	6.98	8.08	4.5	2.593	86.7	2.4	0.6
751	10/17/2015 08:01:11	16.34	49.37	32.33	6.98	8.08	4.4	2.556	86.7	2.8	0.7
752	10/17/2015 08:16:11	16.46	49.25	32.24	7.07	8.09	3.5	2.531	88.0	2.4	0.6
753	10/17/2015 08:31:11	16.38	49.22	32.22	6.91	8.08	4.2	2.513	85.8	2.2	0.5
754	10/17/2015 08:46:11	16.36	49.38	32.33	7.00	8.08	3.8	2.508	86.9	2.6	0.6
755	10/17/2015 09:01:11	16.30	49.38	32.33	7.06	8.08	3.6	2.502	87.6	2.2	0.5
756	10/17/2015 09:16:11	16.41	49.27	32.25	7.12	8.09	3.6	2.527	88.5	2.7	0.6
757	10/17/2015 09:31:11	16.33	49.29	32.27	7.12	8.09	3.8	2.559	88.4	2.5	0.6
758	10/17/2015 09:46:11	16.37	49.39	32.34	7.23	8.10	3.4	2.588	89.9	2.6	0.6
759	10/17/2015 10:01:11	16.36	49.29	32.27	7.29	8.10	3.8	2.641	90.4	2.7	0.6
760	10/17/2015 10:16:11	16.31	49.35	32.31	7.32	8.11	3.8	2.697	90.8	3.0	0.7
761	10/17/2015 10:31:11	16.27	49.26	32.25	7.34	8.11	4.2	2.755	90.9	3.1	0.7
762	10/17/2015 10:46:11	16.08	49.29	32.26	7.35	8.11	4.3	2.821	90.7	2.8	0.7
763	10/17/2015 11:01:11	16.03	49.30	32.27	7.38	8.11	4.2	2.888	91.0	2.4	0.6
764	10/17/2015 11:16:11	16.00	49.31	32.28	7.43	8.12	3.9	2.951	91.6	2.5	0.6
765	10/17/2015 11:31:11	15.79	49.29	32.26	7.59	8.13	3.7	3.020	93.2	2.5	0.6
766	10/17/2015 11:46:11	15.66	49.17	32.17	7.67	8.14	3.2	3.095	93.9	2.4	0.6
767	10/17/2015 12:01:11	15.62	49.22	32.20	7.69	8.15	3.1	3.163	94.1	2.4	0.6
768	10/17/2015 12:16:11	15.57	49.24	32.22	7.72	8.15	3.2	3.233	94.4	2.6	0.6
769	10/17/2015 12:31:11	15.40	49.30	32.26	7.79	8.16	3.4	3.313	94.9	2.7	0.6
770	10/17/2015 12:46:11	15.20	49.21	32.19	7.86	8.17	2.9	3.388	95.4	2.6	0.6
771	10/17/2015 13:01:12	15.09	49.20	32.18	7.88	8.17	2.9	3.444	95.4	2.3	0.5
772	10/17/2015 13:16:12	14.98	49.13	32.12	7.91	8.18	2.6	3.513	95.5	2.2	0.5
773	10/17/2015 13:31:11	14.81	49.08	32.09	7.91	8.18	3.1	3.576	95.2	2.4	0.6
774	10/17/2015 13:46:12	14.60	49.19	32.16	7.98	8.19	1.8	3.623	95.6	2.5	0.6
775	10/17/2015 14:01:12	14.49	49.23	32.19	7.99	8.19	2.5	3.666	95.6	2.6	0.6
776	10/17/2015 14:16:11	14.38	49.25	32.20	8.02	8.20	2.2	3.710	95.7	3.0	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
777	10/17/2015 14:31:11	14.31	49.19	32.15	8.04	8.20	1.4	3.733	95.8	2.6	0.6
778	10/17/2015 14:46:11	14.40	49.14	32.12	7.96	8.20	1.3	3.743	95.0	2.4	0.6
779	10/17/2015 15:01:11	14.59	49.25	32.20	7.92	8.19	1.6	3.747	94.9	1.8	0.4
780	10/17/2015 15:16:11	14.42	49.19	32.16	7.95	8.19	1.6	3.727	94.9	2.2	0.5
781	10/17/2015 15:31:11	14.49	49.23	32.18	7.92	8.19	1.5	3.692	94.7	2.0	0.5
782	10/17/2015 15:46:11	14.70	49.16	32.14	7.89	8.19	1.8	3.647	94.7	1.8	0.4
783	10/17/2015 16:01:11	14.87	49.28	32.23	7.93	8.19	2.5	3.579	95.6	2.1	0.5
784	10/17/2015 16:16:11	15.44	49.15	32.15	8.20	8.21	3.2	3.500	100.0	2.7	0.6
785	10/17/2015 16:31:11	15.55	49.26	32.23	8.41	8.22	3.2	3.424	102.7	2.4	0.6
786	10/17/2015 16:46:11	15.53	49.29	32.25	8.34	8.21	3.1	3.338	101.8	2.4	0.6
787	10/17/2015 17:01:11	15.93	49.35	32.31	8.25	8.20	4.5	3.238	101.7	2.5	0.6
788	10/17/2015 17:16:11	15.98	49.32	32.29	8.15	8.19	4.5	3.148	100.5	3.1	0.7
789	10/17/2015 17:31:11	16.05	49.32	32.28	8.15	8.19	3.7	3.055	100.6	3.0	0.7
790	10/17/2015 17:46:11	16.20	49.28	32.26	8.14	8.19	4.4	2.964	100.7	3.3	0.8
791	10/17/2015 18:01:11	16.40	49.30	32.28	8.13	8.18	5.1	2.859	101.0	3.2	0.7
792	10/17/2015 18:16:11	16.54	49.36	32.32	8.07	8.18	5.1	2.758	100.6	3.4	0.8
793	10/17/2015 18:31:11	16.74	49.33	32.30	8.14	8.18	4.8	2.668	101.9	2.8	0.7
794	10/17/2015 18:46:11	16.74	49.32	32.30	7.93	8.16	5.9	2.562	99.3	3.3	0.8
795	10/17/2015 19:01:11	16.69	49.41	32.36	8.01	8.17	5.4	2.464	100.2	3.6	0.8
796	10/17/2015 19:16:11	16.62	49.33	32.30	7.84	8.15	5.4	2.359	97.8	3.4	0.8
797	10/17/2015 19:31:11	16.50	49.38	32.33	7.83	8.15	5.8	2.250	97.5	3.2	0.8
798	10/17/2015 19:46:11	16.59	49.35	32.32	7.75	8.14	5.3	2.149	96.7	3.6	0.9
799	10/17/2015 20:01:11	16.60	49.33	32.30	7.71	8.14	5.8	2.063	96.2	3.5	0.8
800	10/17/2015 20:16:11	16.69	49.35	32.32	7.65	8.14	5.7	1.965	95.6	3.6	0.8
801	10/17/2015 20:31:11	16.65	49.33	32.30	7.57	8.13	6.1	1.860	94.5	3.4	0.8
802	10/17/2015 20:46:11	16.74	49.39	32.35	7.52	8.12	5.3	1.804	94.1	3.2	0.7
803	10/17/2015 21:01:11	16.81	49.34	32.31	7.46	8.12	5.2	1.756	93.5	3.6	0.8
804	10/17/2015 21:16:11	16.84	49.27	32.26	7.46	8.12	4.8	1.701	93.5	3.8	0.9
805	10/17/2015 21:31:11	16.99	49.30	32.29	7.48	8.12	4.4	1.683	94.0	3.7	0.9
806	10/17/2015 21:46:11	17.20	49.42	32.38	7.41	8.12	3.6	1.698	93.6	3.9	0.9
807	10/17/2015 22:01:11	17.21	49.28	32.28	7.62	8.12	3.9	1.710	96.2	4.2	1.0
808	10/17/2015 22:16:11	17.18	49.45	32.39	7.59	8.12	3.7	1.750	95.8	3.8	0.9
809	10/17/2015 22:31:11	17.33	49.43	32.38	7.63	8.12	3.7	1.807	96.6	3.6	0.9
810	10/17/2015 22:46:11	17.27	49.40	32.36	7.63	8.12	3.8	1.872	96.5	3.3	0.8
811	10/17/2015 23:01:11	17.24	49.40	32.36	7.62	8.11	4.5	1.948	96.2	3.9	0.9
812	10/17/2015 23:16:11	17.31	49.14	32.17	7.70	8.10	6.3	2.027	97.3	4.1	1.0
813	10/17/2015 23:31:11	17.28	49.26	32.26	7.69	8.10	5.9	2.102	97.2	3.6	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
814	10/17/2015 23:46:11	17.10	49.29	32.28	7.64	8.11	4.6	2.167	96.3	4.0	0.9
815	10/18/2015 00:01:11	17.06	49.31	32.29	7.64	8.11	4.2	2.243	96.2	3.8	0.9
816	10/18/2015 00:16:11	17.08	49.35	32.32	7.65	8.11	4.5	2.323	96.4	3.9	0.9
817	10/18/2015 00:31:11	16.92	49.39	32.35	7.70	8.12	4.2	2.393	96.7	3.4	0.8
818	10/18/2015 00:46:11	16.82	49.40	32.36	7.67	8.12	3.7	2.462	96.2	3.4	0.8
819	10/18/2015 01:01:11	16.74	49.40	32.35	7.67	8.13	3.9	2.538	96.0	3.2	0.8
820	10/18/2015 01:16:11	16.70	49.27	32.26	7.69	8.13	3.7	2.613	96.1	3.4	0.8
821	10/18/2015 01:31:11	16.63	49.34	32.31	7.69	8.13	4.0	2.680	96.0	3.2	0.8
822	10/18/2015 01:46:12	16.51	49.33	32.30	7.72	8.13	4.4	2.755	96.1	3.3	0.8
823	10/18/2015 02:01:11	16.41	49.27	32.26	7.74	8.14	4.6	2.840	96.2	3.2	0.8
824	10/18/2015 02:16:11	16.34	49.29	32.27	7.77	8.14	4.6	2.902	96.4	3.4	0.8
825	10/18/2015 02:31:11	16.26	49.32	32.29	7.77	8.14	5.1	2.979	96.3	3.5	0.8
826	10/18/2015 02:46:11	16.04	49.19	32.19	7.85	8.15	5.2	3.051	96.8	3.0	0.7
827	10/18/2015 03:01:11	15.86	49.23	32.22	7.88	8.16	5.6	3.111	96.9	3.1	0.7
828	10/18/2015 03:16:11	15.68	49.28	32.25	7.92	8.16	5.0	3.177	97.0	3.3	0.8
829	10/18/2015 03:31:12	15.49	49.22	32.20	7.93	8.17	4.2	3.243	96.7	3.1	0.7
830	10/18/2015 03:46:11	15.40	49.29	32.25	7.91	8.17	3.5	3.290	96.3	2.9	0.7
831	10/18/2015 04:01:11	15.36	49.22	32.20	7.90	8.17	2.9	3.329	96.1	2.7	0.6
832	10/18/2015 04:16:11	15.47	49.08	32.10	7.85	8.17	2.4	3.360	95.7	3.3	0.8
833	10/18/2015 04:31:11	15.70	49.19	32.18	7.63	8.14	2.7	3.367	93.4	2.9	0.7
834	10/18/2015 04:46:11	15.42	49.24	32.22	7.69	8.15	2.6	3.360	93.7	1.7	0.4
835	10/18/2015 05:01:11	15.47	49.23	32.21	7.70	8.15	3.0	3.342	94.0	2.7	0.6
836	10/18/2015 05:16:11	15.50	49.17	32.16	7.68	8.15	2.3	3.319	93.7	2.6	0.6
837	10/18/2015 05:31:11	15.54	49.20	32.19	7.66	8.15	3.4	3.272	93.5	2.2	0.5
838	10/18/2015 05:46:11	15.83	49.31	32.28	7.56	8.14	4.1	3.214	92.9	2.7	0.6
839	10/18/2015 06:01:11	15.89	49.34	32.30	7.63	8.14	4.7	3.173	93.8	2.7	0.6
840	10/18/2015 06:16:11	15.78	49.33	32.29	7.63	8.14	4.2	3.108	93.7	2.3	0.5
841	10/18/2015 06:31:11	15.72	49.15	32.16	7.65	8.14	3.8	3.044	93.8	2.9	0.7
842	10/18/2015 06:46:11	15.79	49.23	32.21	7.60	8.14	4.2	2.991	93.3	2.7	0.6
843	10/18/2015 07:01:11	15.83	49.24	32.22	7.55	8.13	3.9	2.934	92.7	3.2	0.7
844	10/18/2015 07:16:11	15.91	49.23	32.22	7.49	8.13	3.9	2.882	92.1	2.7	0.6
845	10/18/2015 07:31:11	16.15	49.29	32.27	7.37	8.11	4.2	2.844	91.1	2.8	0.7
846	10/18/2015 07:46:11	16.26	49.27	32.25	7.24	8.10	3.7	2.803	89.6	2.6	0.6
847	10/18/2015 08:01:11	16.16	49.36	32.32	7.29	8.11	4.0	2.759	90.1	2.2	0.5
848	10/18/2015 08:16:11	16.33	49.25	32.24	7.20	8.10	3.8	2.713	89.3	2.6	0.6
849	10/18/2015 08:31:11	16.27	49.28	32.26	7.11	8.09	4.5	2.688	88.1	2.7	0.6
850	10/18/2015 08:46:11	16.38	49.28	32.26	7.18	8.10	3.8	2.664	89.2	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	Fluorescence %FS
851	10/18/2015 09:01:11	16.39	49.24	32.23	7.15	8.10	3.5	2.650	88.8	2.6	0.6
852	10/18/2015 09:16:11	16.32	49.33	32.29	7.19	8.10	3.7	2.608	89.2	2.6	0.6
853	10/18/2015 09:31:11	16.37	49.25	32.24	7.23	8.10	3.1	2.629	89.8	2.1	0.5
854	10/18/2015 09:46:11	16.43	49.29	32.27	7.28	8.10	2.9	2.628	90.5	2.7	0.6
855	10/18/2015 10:01:11	16.46	49.33	32.30	7.30	8.10	3.0	2.616	90.9	3.0	0.7
856	10/18/2015 10:16:11	16.48	49.31	32.29	7.35	8.11	2.9	2.662	91.5	3.1	0.7
857	10/18/2015 10:31:11	16.44	49.34	32.31	7.37	8.11	3.0	2.682	91.6	3.2	0.8
858	10/18/2015 10:46:12	16.48	49.27	32.25	7.44	8.11	3.1	2.714	92.5	3.3	0.8
859	10/18/2015 11:01:11	16.45	49.31	32.29	7.47	8.12	3.2	2.751	92.9	2.8	0.6
860	10/18/2015 11:16:11	16.46	49.29	32.27	7.51	8.12	3.7	2.798	93.5	2.8	0.7
861	10/18/2015 11:31:11	16.31	49.18	32.19	7.56	8.12	3.4	2.868	93.7	2.8	0.7
862	10/18/2015 11:46:11	16.16	49.23	32.22	7.57	8.13	3.5	2.917	93.6	2.5	0.6
863	10/18/2015 12:01:11	16.09	49.22	32.22	7.58	8.13	3.8	2.977	93.6	2.9	0.7
864	10/18/2015 12:16:11	15.99	49.23	32.22	7.59	8.13	3.8	3.038	93.5	3.0	0.7
865	10/18/2015 12:31:11	15.78	49.27	32.24	7.73	8.15	2.9	3.108	94.8	2.6	0.6
866	10/18/2015 12:46:11	15.68	49.12	32.14	7.82	8.16	3.2	3.174	95.8	2.8	0.6
867	10/18/2015 13:01:11	15.64	49.20	32.19	7.83	8.16	3.2	3.234	95.8	2.4	0.6
868	10/18/2015 13:16:11	15.59	49.22	32.20	7.88	8.16	2.6	3.299	96.4	2.8	0.6
869	10/18/2015 13:31:11	15.54	49.18	32.18	7.94	8.17	2.7	3.360	96.9	2.7	0.6
870	10/18/2015 13:46:11	15.42	49.26	32.23	7.99	8.18	2.5	3.415	97.4	2.6	0.6
871	10/18/2015 14:01:12	15.27	49.13	32.13	8.04	8.18	2.6	3.472	97.6	3.5	0.8
872	10/18/2015 14:16:11	15.11	49.05	32.07	8.13	8.20	1.8	3.525	98.4	3.3	0.8
873	10/18/2015 14:31:11	15.01	49.10	32.10	8.16	8.21	2.0	3.560	98.6	3.7	0.9
874	10/18/2015 14:46:11	14.99	49.21	32.19	8.18	8.21	1.7	3.602	98.7	3.0	0.7
875	10/18/2015 15:01:11	14.94	49.10	32.10	8.17	8.21	1.7	3.629	98.6	3.4	0.8
876	10/18/2015 15:16:11	14.94	49.15	32.14	8.16	8.21	1.8	3.643	98.4	2.8	0.6
877	10/18/2015 15:31:11	15.14	49.17	32.16	8.13	8.21	2.5	3.647	98.5	2.6	0.6
878	10/18/2015 15:46:11	15.00	49.19	32.17	7.99	8.20	1.7	3.652	96.6	1.9	0.4
879	10/18/2015 16:01:11	15.01	49.21	32.19	8.01	8.20	1.1	3.631	96.8	2.0	0.5
880	10/18/2015 16:16:11	15.01	49.23	32.20	8.01	8.20	1.3	3.613	96.8	2.6	0.6
881	10/18/2015 16:31:11	15.16	49.24	32.21	7.94	8.19	2.5	3.572	96.2	1.9	0.5
882	10/18/2015 16:46:11	15.29	49.13	32.14	8.02	8.20	2.5	3.508	97.4	2.4	0.6
883	10/18/2015 17:01:12	15.53	49.21	32.20	8.08	8.20	2.3	3.453	98.7	2.5	0.6
884	10/18/2015 17:16:11	15.70	49.20	32.19	8.14	8.21	3.5	3.376	99.7	2.9	0.7
885	10/18/2015 17:31:11	16.19	49.21	32.21	8.46	8.23	3.7	3.291	104.7	3.2	0.7
886	10/18/2015 17:46:11	15.97	49.20	32.20	8.24	8.21	3.2	3.226	101.5	2.7	0.6
887	10/18/2015 18:01:11	16.31	49.28	32.26	8.19	8.21	3.7	3.137	101.5	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	Fluorescence %FS
888	10/18/2015 18:16:11	16.48	49.23	32.23	8.17	8.20	4.6	3.035	101.7	3.0	0.7
889	10/18/2015 18:31:11	16.60	49.21	32.21	8.12	8.19	4.5	2.959	101.3	3.4	0.8
890	10/18/2015 18:46:11	16.75	49.32	32.30	8.13	8.19	5.4	2.867	101.7	3.2	0.8
891	10/18/2015 19:01:11	16.83	49.24	32.24	8.13	8.19	5.1	2.779	101.9	3.2	0.8
892	10/18/2015 19:16:12	16.97	49.26	32.25	8.12	8.19	4.9	2.678	102.0	3.5	0.8
893	10/18/2015 19:31:11	16.97	49.29	32.28	8.01	8.18	5.7	2.592	100.6	3.6	0.8
894	10/18/2015 19:46:11	17.03	49.25	32.25	8.00	8.18	5.5	2.505	100.7	3.2	0.8
895	10/18/2015 20:01:11	16.92	49.23	32.23	7.91	8.17	5.1	2.400	99.3	3.7	0.9
896	10/18/2015 20:16:11	16.75	49.32	32.30	7.82	8.16	5.0	2.298	97.9	3.6	0.8
897	10/18/2015 20:31:12	16.85	49.36	32.32	7.78	8.15	5.1	2.204	97.5	3.5	0.8
898	10/18/2015 20:46:11	16.99	49.20	32.22	7.74	8.14	5.2	2.125	97.3	3.7	0.9
899	10/18/2015 21:01:11	17.06	49.28	32.27	7.72	8.14	5.2	2.033	97.1	4.1	1.0
900	10/18/2015 21:16:11	17.02	49.26	32.26	7.65	8.13	5.4	1.921	96.2	3.9	0.9
901	10/18/2015 21:31:11	17.05	49.31	32.29	7.53	8.12	6.0	1.880	94.8	3.7	0.9
902	10/18/2015 21:46:11	16.99	49.12	32.15	7.53	8.12	4.9	1.821	94.6	3.9	0.9
903	10/18/2015 22:01:11	17.05	49.26	32.25	7.50	8.12	4.8	1.776	94.4	3.8	0.9
904	10/18/2015 22:16:11	17.17	49.29	32.28	7.53	8.12	4.3	1.752	95.0	4.1	1.0
905	10/18/2015 22:31:11	17.35	49.37	32.34	7.65	8.13	3.7	1.745	96.8	4.5	1.1
906	10/18/2015 22:46:11	17.44	49.29	32.28	7.72	8.13	3.7	1.783	97.9	4.4	1.0
907	10/18/2015 23:01:11	17.40	49.26	32.26	7.72	8.13	3.8	1.801	97.8	3.8	0.9
908	10/18/2015 23:16:11	17.50	49.32	32.30	7.78	8.13	3.5	1.836	98.8	3.9	0.9
909	10/18/2015 23:31:11	17.55	49.38	32.35	7.84	8.13	3.4	1.904	99.6	4.0	0.9
910	10/18/2015 23:46:11	17.48	49.37	32.34	7.82	8.13	3.7	1.956	99.2	3.8	0.9
911	10/19/2015 00:01:11	17.51	49.29	32.29	7.79	8.13	4.8	2.029	98.9	4.0	0.9
912	10/19/2015 00:16:11	17.54	49.30	32.29	7.75	8.12	5.4	2.103	98.5	3.4	0.8
913	10/19/2015 00:31:11	17.48	49.31	32.29	7.76	8.12	5.2	2.163	98.4	3.8	0.9
914	10/19/2015 00:46:11	17.36	49.15	32.18	7.75	8.12	4.5	2.230	98.0	3.7	0.9
915	10/19/2015 01:01:11	17.27	49.18	32.20	7.72	8.12	4.3	2.300	97.6	3.8	0.9
916	10/19/2015 01:16:12	17.22	49.21	32.22	7.73	8.13	3.7	2.366	97.6	3.9	0.9
917	10/19/2015 01:31:12	17.22	49.29	32.28	7.71	8.13	3.9	2.432	97.4	3.7	0.9
918	10/19/2015 01:46:11	17.06	49.32	32.30	7.73	8.13	3.4	2.502	97.3	3.8	0.9
919	10/19/2015 02:01:11	16.98	49.36	32.33	7.72	8.13	3.6	2.569	97.1	3.9	0.9
920	10/19/2015 02:16:11	16.93	49.14	32.16	7.74	8.13	3.6	2.632	97.1	3.6	0.9
921	10/19/2015 02:31:11	16.90	49.19	32.20	7.75	8.13	3.2	2.703	97.2	3.9	0.9
922	10/19/2015 02:46:11	16.84	49.19	32.20	7.75	8.14	3.8	2.776	97.1	3.5	0.8
923	10/19/2015 03:01:11	16.73	49.26	32.25	7.75	8.14	3.9	2.834	96.9	3.2	0.7
924	10/19/2015 03:16:11	16.63	49.27	32.26	7.77	8.14	3.6	2.896	97.0	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	Fluorescence %FS
925	10/19/2015 03:31:11	16.57	49.24	32.24	7.78	8.14	3.3	2.962	97.0	3.1	0.7
926	10/19/2015 03:46:11	16.51	49.16	32.17	7.80	8.15	3.5	3.022	97.1	3.3	0.8
927	10/19/2015 04:01:11	16.39	49.21	32.21	7.84	8.15	3.4	3.081	97.3	3.5	0.8
928	10/19/2015 04:16:11	16.25	49.18	32.19	7.87	8.15	3.4	3.130	97.4	3.0	0.7
929	10/19/2015 04:31:11	16.09	49.08	32.11	7.91	8.17	2.9	3.181	97.5	3.4	0.8
930	10/19/2015 04:46:11	16.00	49.16	32.17	7.88	8.17	2.5	3.225	97.2	3.3	0.8
931	10/19/2015 05:01:11	15.92	49.19	32.19	7.91	8.18	2.7	3.260	97.3	3.0	0.7
932	10/19/2015 05:16:11	15.90	49.16	32.17	7.88	8.17	2.3	3.282	96.9	2.7	0.6
933	10/19/2015 05:31:11	16.16	49.14	32.16	7.68	8.16	2.4	3.292	95.0	2.9	0.7
934	10/19/2015 05:46:11	15.96	49.21	32.20	7.68	8.16	2.3	3.291	94.6	2.8	0.7
935	10/19/2015 06:01:11	16.03	49.09	32.12	7.65	8.16	2.8	3.279	94.3	2.5	0.6
936	10/19/2015 06:16:11	15.97	49.31	32.27	7.68	8.16	2.9	3.247	94.6	2.4	0.6
937	10/19/2015 06:31:12	16.24	49.28	32.26	7.41	8.13	3.9	3.202	91.8	2.9	0.7
938	10/19/2015 06:46:11	16.46	49.24	32.23	7.40	8.13	4.2	3.170	92.0	2.9	0.7
939	10/19/2015 07:01:11	16.56	49.24	32.24	7.36	8.12	4.6	3.124	91.7	3.4	0.8
940	10/19/2015 07:16:11	16.52	49.23	32.23	7.37	8.12	4.8	3.060	91.7	3.1	0.7
941	10/19/2015 07:31:11	16.33	49.30	32.27	7.53	8.14	3.9	3.006	93.5	3.1	0.7
942	10/19/2015 07:46:11	16.34	49.20	32.21	7.49	8.14	3.9	2.967	93.0	2.9	0.7
943	10/19/2015 08:01:11	16.24	49.26	32.25	7.46	8.13	3.7	2.914	92.4	3.0	0.7
944	10/19/2015 08:16:12	16.49	49.19	32.20	7.38	8.12	4.0	2.867	91.8	2.4	0.6
945	10/19/2015 08:31:11	16.58	49.29	32.27	7.31	8.12	3.5	2.826	91.1	2.3	0.5
946	10/19/2015 08:46:11	16.43	49.26	32.25	7.39	8.13	3.2	2.801	91.8	2.5	0.6
947	10/19/2015 09:01:11	16.42	49.18	32.19	7.36	8.12	3.9	2.770	91.5	3.0	0.7
948	10/19/2015 09:16:11	16.61	49.40	32.35	7.28	8.12	3.0	2.730	90.9	2.4	0.6
949	10/19/2015 09:31:12	16.60	49.31	32.29	7.28	8.12	3.5	2.714	90.9	2.6	0.6
950	10/19/2015 09:46:11	16.63	49.23	32.23	7.29	8.11	3.2	2.693	91.0	2.5	0.6
951	10/19/2015 10:01:11	16.62	49.25	32.24	7.30	8.12	3.1	2.688	91.0	3.2	0.7
952	10/19/2015 10:16:11	16.70	49.15	32.17	7.27	8.12	2.9	2.671	90.8	2.7	0.6
953	10/19/2015 10:31:11	16.76	49.38	32.34	7.00	8.11	3.0	2.669	87.6	2.7	0.6
954	10/19/2015 10:46:11	16.74	49.26	32.25	7.37	8.12	3.2	2.684	92.2	3.2	0.8
955	10/19/2015 11:01:11	16.76	49.22	32.23	7.40	8.12	2.9	2.682	92.6	3.2	0.7
956	10/19/2015 11:16:11	16.73	49.30	32.28	7.39	8.12	3.1	2.705	92.5	3.4	0.8
957	10/19/2015 11:31:11	16.72	49.31	32.29	7.48	8.13	2.8	2.737	93.5	2.6	0.6
958	10/19/2015 11:46:12	16.69	49.24	32.24	7.54	8.13	2.6	2.761	94.2	3.1	0.7
959	10/19/2015 12:01:12	16.64	49.13	32.15	7.55	8.13	2.7	2.800	94.2	3.1	0.7
960	10/19/2015 12:16:11	16.63	49.26	32.25	7.59	8.14	2.7	2.846	94.8	3.1	0.7
961	10/19/2015 12:31:11	16.59	49.25	32.25	7.61	8.14	3.0	2.901	94.9	3.6	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	Fluorescence %FS
962	10/19/2015 12:46:11	16.53	49.17	32.18	7.60	8.14	3.2	2.947	94.7	3.0	0.7
963	10/19/2015 13:01:11	16.48	49.13	32.15	7.57	8.14	3.0	3.003	94.2	3.2	0.8
964	10/19/2015 13:16:11	16.34	49.25	32.24	7.57	8.14	3.2	3.058	93.9	3.4	0.8
965	10/19/2015 13:31:11	16.13	49.24	32.23	7.78	8.16	2.6	3.116	96.1	2.6	0.6
966	10/19/2015 13:46:11	15.96	49.27	32.25	7.91	8.17	2.1	3.174	97.5	3.3	0.8
967	10/19/2015 14:01:11	15.85	49.24	32.22	7.97	8.18	2.0	3.221	97.9	2.9	0.7
968	10/19/2015 14:16:11	15.76	49.13	32.14	8.00	8.18	2.0	3.284	98.1	3.2	0.8
969	10/19/2015 14:31:11	15.75	49.24	32.22	8.05	8.19	2.0	3.337	98.7	3.8	0.9
970	10/19/2015 14:46:11	15.71	49.11	32.12	8.09	8.19	1.8	3.380	99.0	2.9	0.7
971	10/19/2015 15:01:11	15.66	49.17	32.17	8.09	8.20	1.6	3.427	99.0	3.1	0.7
972	10/19/2015 15:16:11	15.56	49.16	32.16	8.18	8.20	1.6	3.471	99.9	3.3	0.8
973	10/19/2015 15:31:11	15.48	49.17	32.17	8.17	8.21	1.6	3.503	99.7	3.4	0.8
974	10/19/2015 15:46:11	15.40	49.22	32.20	8.17	8.21	1.6	3.526	99.5	3.8	0.9
975	10/19/2015 16:01:11	15.38	49.13	32.14	8.20	8.21	2.0	3.551	99.8	3.4	0.8
976	10/19/2015 16:16:11	15.37	49.10	32.12	8.10	8.21	0.9	3.562	98.5	2.9	0.7
977	10/19/2015 16:31:11	15.33	49.16	32.15	8.07	8.20	0.9	3.565	98.1	2.9	0.7
978	10/19/2015 16:46:11	15.34	49.18	32.17	8.09	8.21	1.1	3.556	98.3	2.5	0.6
979	10/19/2015 17:01:11	15.35	49.16	32.16	8.09	8.21	1.2	3.516	98.5	1.9	0.5
980	10/19/2015 17:16:11	15.39	49.25	32.22	8.11	8.21	1.5	3.483	98.8	2.5	0.6
981	10/19/2015 17:31:12	15.61	49.29	32.26	8.11	8.20	1.7	3.437	99.2	2.9	0.7
982	10/19/2015 17:46:12	15.75	49.22	32.21	8.10	8.20	2.1	3.377	99.3	2.8	0.7
983	10/19/2015 18:01:11	16.04	49.21	32.21	8.09	8.20	2.9	3.301	99.8	3.4	0.8
984	10/19/2015 18:16:11	15.97	49.17	32.17	8.10	8.20	3.2	3.230	99.7	3.6	0.8
985	10/19/2015 18:31:11	16.12	49.26	32.25	8.06	8.19	3.8	3.166	99.6	3.5	0.8
986	10/19/2015 18:46:11	16.26	49.24	32.23	8.04	8.19	3.8	3.076	99.6	3.7	0.9
987	10/19/2015 19:01:11	16.45	49.21	32.21	8.03	8.18	4.5	2.998	99.8	3.5	0.8
988	10/19/2015 19:16:12	16.54	49.23	32.23	7.98	8.18	4.6	2.922	99.4	3.5	0.8
989	10/19/2015 19:31:11	16.66	49.23	32.23	7.95	8.17	4.5	2.844	99.2	3.7	0.9
990	10/19/2015 19:46:11	16.81	49.32	32.30	7.88	8.17	4.7	2.754	98.7	3.5	0.8
991	10/19/2015 20:01:11	16.85	49.18	32.20	7.83	8.16	4.4	2.673	98.1	3.6	0.8
992	10/19/2015 20:16:11	16.90	49.23	32.23	7.75	8.15	4.8	2.592	97.2	3.6	0.8
993	10/19/2015 20:31:11	16.94	49.17	32.19	7.74	8.15	4.6	2.500	97.1	3.9	0.9
994	10/19/2015 20:46:11	16.92	49.30	32.28	7.72	8.15	4.9	2.404	96.9	3.9	0.9
995	10/19/2015 21:01:12	16.89	49.31	32.29	7.68	8.15	5.2	2.319	96.3	4.1	1.0
996	10/19/2015 21:16:11	16.80	49.21	32.22	7.61	8.14	5.2	2.224	95.3	3.8	0.9
997	10/19/2015 21:31:11	16.84	49.29	32.28	7.56	8.14	6.0	2.120	94.8	3.7	0.9
998	10/19/2015 21:46:11	16.75	49.23	32.23	7.53	8.13	5.4	2.056	94.2	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	Fluorescence %FS
999	10/19/2015 22:01:11	16.72	49.27	32.26	7.43	8.13	6.0	1.974	92.9	4.1	1.0
1000	10/19/2015 22:16:11	16.59	49.20	32.21	7.34	8.11	6.4	1.896	91.5	4.0	0.9
1001	10/19/2015 22:31:12	16.65	49.30	32.28	7.34	8.11	5.4	1.844	91.7	3.7	0.9
1002	10/19/2015 22:46:12	16.66	49.34	32.31	7.31	8.11	5.4	1.797	91.3	3.6	0.8
1003	10/19/2015 23:01:11	16.74	49.30	32.28	7.33	8.11	4.9	1.766	91.7	4.0	0.9
1004	10/19/2015 23:16:11	16.96	49.16	32.19	7.19	8.11	4.0	1.765	90.3	3.9	0.9
1005	10/19/2015 23:31:11	17.08	49.29	32.28	7.43	8.12	3.7	1.757	93.5	4.3	1.0
1006	10/19/2015 23:46:11	17.03	49.20	32.21	7.50	8.12	3.9	1.776	94.3	4.0	0.9
1007	10/20/2015 00:01:11	17.02	49.17	32.19	7.46	8.12	3.7	1.812	93.7	3.7	0.9
1008	10/20/2015 00:16:11	17.16	49.32	32.30	7.53	8.13	3.4	1.852	95.0	4.2	1.0
1009	10/20/2015 00:31:12	17.12	49.37	32.34	7.55	8.13	3.9	1.909	95.2	4.3	1.0
1010	10/20/2015 00:46:11	17.17	49.22	32.23	7.57	8.13	3.5	1.960	95.5	3.8	0.9
1011	10/20/2015 01:01:11	17.13	49.27	32.26	7.54	8.12	3.5	2.031	95.0	3.7	0.9
1012	10/20/2015 01:16:11	17.19	49.26	32.26	7.49	8.11	5.1	2.098	94.5	4.3	1.0
1013	10/20/2015 01:31:12	17.20	49.23	32.24	7.46	8.10	4.8	2.150	94.1	4.1	1.0
1014	10/20/2015 01:46:12	17.10	49.29	32.28	7.49	8.11	4.3	2.221	94.4	4.3	1.0
1015	10/20/2015 02:01:12	17.05	49.18	32.20	7.54	8.12	4.0	2.291	94.8	4.3	1.0
1016	10/20/2015 02:16:12	16.99	49.36	32.33	7.54	8.12	4.0	2.354	94.8	3.7	0.9
1017	10/20/2015 02:31:11	17.00	49.15	32.18	7.57	8.12	3.6	2.420	95.1	3.6	0.8
1018	10/20/2015 02:46:11	16.98	49.24	32.24	7.57	8.12	3.5	2.484	95.1	3.8	0.9
1019	10/20/2015 03:01:11	16.93	49.21	32.22	7.59	8.13	3.4	2.545	95.2	3.4	0.8
1020	10/20/2015 03:16:11	16.88	49.19	32.21	7.60	8.13	3.6	2.617	95.3	3.5	0.8
1021	10/20/2015 03:31:11	16.83	49.16	32.18	7.61	8.13	3.2	2.679	95.3	3.5	0.8
1022	10/20/2015 03:46:11	16.79	49.23	32.23	7.61	8.13	3.2	2.739	95.2	3.6	0.8
1023	10/20/2015 04:01:12	16.70	49.32	32.30	7.60	8.14	3.3	2.804	95.0	3.7	0.9
1024	10/20/2015 04:16:11	16.61	49.20	32.21	7.63	8.14	3.4	2.873	95.2	3.4	0.8
1025	10/20/2015 04:31:11	16.52	49.16	32.18	7.67	8.14	3.2	2.920	95.4	3.1	0.7
1026	10/20/2015 04:46:11	16.48	49.18	32.19	7.68	8.15	2.9	2.983	95.5	3.2	0.8
1027	10/20/2015 05:01:11	16.43	49.22	32.22	7.69	8.15	2.7	3.042	95.6	3.1	0.7
1028	10/20/2015 05:16:11	16.33	49.17	32.18	7.72	8.15	3.4	3.095	95.8	3.0	0.7
1029	10/20/2015 05:31:11	16.18	49.18	32.19	7.79	8.16	3.0	3.145	96.4	3.1	0.7
1030	10/20/2015 05:46:11	16.09	49.14	32.15	7.84	8.16	3.2	3.186	96.7	3.5	0.8
1031	10/20/2015 06:01:12	16.03	49.14	32.15	7.78	8.17	2.7	3.225	95.9	3.2	0.7
1032	10/20/2015 06:16:11	15.96	49.16	32.17	7.83	8.17	2.1	3.250	96.4	3.1	0.7
1033	10/20/2015 06:31:11	16.35	49.25	32.24	7.46	8.14	2.5	3.262	92.6	3.3	0.8
1034	10/20/2015 06:46:11	16.14	49.22	32.22	7.56	8.14	2.4	3.252	93.5	2.3	0.5
1035	10/20/2015 07:01:11	16.24	49.15	32.17	7.44	8.13	3.2	3.252	92.1	2.4	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1036	10/20/2015 07:16:11	16.30	49.27	32.26	6.83	8.06	5.3	3.221	84.7	3.8	0.9
1037	10/20/2015 07:31:11	16.23	49.27	32.25	6.97	8.07	6.0	3.182	86.3	3.2	0.7
1038	10/20/2015 07:46:11	16.28	49.17	32.18	7.20	8.16	5.9	3.138	89.3	2.8	0.7
1039	10/20/2015 08:01:11	16.39	49.22	32.22	7.37	8.19	4.5	3.092	91.6	2.8	0.7
1040	10/20/2015 08:16:11	16.44	49.15	32.17	7.33	8.19	4.3	3.037	91.2	2.7	0.6
1041	10/20/2015 08:31:11	16.43	49.17	32.18	7.32	8.19	4.3	2.995	90.9	2.6	0.6
1042	10/20/2015 08:46:11	16.47	49.23	32.23	7.26	8.18	3.5	2.943	90.3	2.7	0.6
1043	10/20/2015 09:01:12	16.55	49.17	32.19	7.17	8.18	3.6	2.884	89.3	2.3	0.5
1044	10/20/2015 09:16:11	16.41	49.17	32.18	7.25	8.19	3.4	2.847	90.1	2.9	0.7
1045	10/20/2015 09:31:11	16.44	49.25	32.24	7.23	8.18	3.8	2.801	89.9	2.6	0.6
1046	10/20/2015 09:46:11	16.50	49.27	32.26	7.18	8.18	3.2	2.765	89.4	2.9	0.7
1047	10/20/2015 10:01:11	16.47	49.21	32.21	7.21	8.18	3.1	2.727	89.6	3.1	0.7
1048	10/20/2015 10:16:11	16.56	49.24	32.24	7.20	8.18	3.1	2.683	89.8	2.3	0.5
1049	10/20/2015 10:31:11	16.50	49.23	32.23	7.34	8.19	2.9	2.673	91.4	2.9	0.7
1050	10/20/2015 10:46:11	16.62	49.17	32.19	7.31	8.19	2.9	2.651	91.2	2.8	0.7
1051	10/20/2015 11:01:11	16.67	49.20	32.21	7.26	8.19	2.9	2.607	90.7	2.4	0.6
1052	10/20/2015 11:16:11	16.72	49.20	32.21	7.30	8.19	2.7	2.611	91.3	2.2	0.5
1053	10/20/2015 11:31:11	16.78	49.12	32.15	7.18	8.18	2.5	2.612	89.9	3.0	0.7
1054	10/20/2015 11:46:11	16.70	49.25	32.24	7.39	8.19	2.9	2.605	92.4	3.3	0.8
1055	10/20/2015 12:01:11	16.76	49.25	32.25	7.40	8.19	2.9	2.601	92.5	3.9	0.9
1056	10/20/2015 12:16:11	16.78	49.32	32.30	7.32	8.19	2.8	2.627	91.7	3.9	0.9
1057	10/20/2015 12:31:11	16.73	49.23	32.23	7.26	8.18	3.0	2.655	90.8	2.9	0.7
1058	10/20/2015 12:46:11	16.78	49.24	32.24	7.33	8.19	3.0	2.676	91.8	3.2	0.8
1059	10/20/2015 13:01:11	16.74	49.27	32.26	7.41	8.19	2.8	2.706	92.7	3.9	0.9
1060	10/20/2015 13:16:11	16.70	49.17	32.18	7.44	8.20	2.7	2.749	92.9	3.6	0.8
1061	10/20/2015 13:31:11	16.70	49.11	32.14	7.47	8.20	2.6	2.799	93.3	3.5	0.8
1062	10/20/2015 13:46:11	16.69	49.21	32.21	7.49	8.20	2.7	2.835	93.5	3.3	0.8
1063	10/20/2015 14:01:11	16.65	49.10	32.14	7.55	8.21	2.5	2.878	94.2	3.3	0.8
1064	10/20/2015 14:16:11	16.62	49.20	32.21	7.57	8.21	2.6	2.932	94.4	2.9	0.7
1065	10/20/2015 14:31:11	16.52	49.19	32.20	7.56	8.21	2.5	2.981	94.2	3.2	0.8
1066	10/20/2015 14:46:11	16.44	49.24	32.23	7.62	8.22	2.7	3.029	94.7	3.3	0.8
1067	10/20/2015 15:01:11	16.20	49.16	32.17	7.81	8.24	2.1	3.076	96.6	3.1	0.7
1068	10/20/2015 15:16:12	16.06	49.15	32.16	7.91	8.26	1.8	3.129	97.5	3.3	0.8
1069	10/20/2015 15:31:12	16.00	49.23	32.22	7.93	8.26	1.7	3.181	97.8	3.5	0.8
1070	10/20/2015 15:46:11	15.95	49.18	32.19	7.98	8.27	1.9	3.230	98.3	2.8	0.7
1071	10/20/2015 16:01:11	15.91	48.99	32.04	8.02	8.27	1.6	3.270	98.6	3.3	0.8
1072	10/20/2015 16:16:11	15.89	49.22	32.21	8.04	8.28	1.5	3.315	98.9	3.0	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1073	10/20/2015 16:31:11	15.87	48.96	32.02	8.09	8.28	1.5	3.359	99.3	3.1	0.7
1074	10/20/2015 16:46:11	15.84	49.17	32.18	8.08	8.28	1.4	3.392	99.2	2.8	0.6
1075	10/20/2015 17:01:11	15.79	49.13	32.14	8.07	8.28	1.5	3.413	98.9	2.7	0.6
1076	10/20/2015 17:16:11	15.77	49.06	32.09	7.99	8.28	1.2	3.427	98.0	2.3	0.5
1077	10/20/2015 17:31:11	15.76	49.18	32.18	7.75	8.27	1.0	3.442	95.0	2.3	0.5
1078	10/20/2015 17:46:11	15.72	48.99	32.04	7.92	8.27	1.1	3.441	97.0	2.1	0.5
1079	10/20/2015 18:01:11	15.75	49.20	32.20	7.93	8.28	1.0	3.412	97.3	2.3	0.5
1080	10/20/2015 18:16:11	15.78	49.20	32.19	8.00	8.28	1.7	3.379	98.2	2.7	0.6
1081	10/20/2015 18:31:11	16.23	48.93	32.00	7.96	8.28	6.8	3.344	98.4	3.2	0.7
1082	10/20/2015 18:46:11	16.23	49.14	32.16	7.85	8.26	11.4	3.301	97.2	3.7	0.9
1083	10/20/2015 19:01:11	16.23	49.18	32.19	7.79	8.26	12.0	3.228	96.5	4.4	1.0
1084	10/20/2015 19:16:11	16.15	49.15	32.16	7.78	8.26	10.2	3.154	96.1	4.1	1.0
1085	10/20/2015 19:31:11	16.10	49.11	32.14	7.77	8.26	9.7	3.094	96.0	4.0	0.9
1086	10/20/2015 19:46:11	16.10	49.07	32.10	7.76	8.25	7.9	3.025	95.8	4.1	1.0
1087	10/20/2015 20:01:12	16.12	49.13	32.15	7.71	8.25	8.9	2.949	95.2	4.1	1.0
1088	10/20/2015 20:16:11	16.22	49.17	32.18	7.70	8.25	8.2	2.863	95.3	3.9	0.9
1089	10/20/2015 20:31:11	16.22	49.21	32.21	7.72	8.25	7.3	2.794	95.6	3.8	0.9
1090	10/20/2015 20:46:11	16.11	49.18	32.19	7.71	8.25	7.0	2.715	95.3	3.9	0.9
1091	10/20/2015 21:01:11	16.28	49.18	32.19	7.67	8.24	7.8	2.623	95.0	3.4	0.8
1092	10/20/2015 21:16:11	16.30	49.15	32.17	7.59	8.24	9.3	2.544	94.0	4.0	0.9
1093	10/20/2015 21:31:11	16.43	49.10	32.13	7.56	8.23	8.2	2.447	93.9	3.9	0.9
1094	10/20/2015 21:46:11	16.57	49.19	32.20	7.55	8.23	7.9	2.369	94.1	3.8	0.9
1095	10/20/2015 22:01:11	16.85	49.31	32.29	7.53	8.23	8.4	2.276	94.4	4.2	1.0
1096	10/20/2015 22:16:11	16.50	49.24	32.23	7.43	8.21	10.2	2.180	92.4	4.1	1.0
1097	10/20/2015 22:31:11	16.74	49.20	32.21	7.35	8.21	9.1	2.090	91.8	3.5	0.8
1098	10/20/2015 22:46:11	16.74	49.17	32.19	7.32	8.21	9.8	2.019	91.5	3.9	0.9
1099	10/20/2015 23:01:11	16.77	49.27	32.26	7.24	8.20	8.4	1.939	90.6	3.4	0.8
1100	10/20/2015 23:16:11	16.88	49.23	32.23	7.21	8.20	7.5	1.868	90.4	3.9	0.9
1101	10/20/2015 23:31:11	16.92	49.31	32.29	7.22	8.19	7.5	1.812	90.6	4.2	1.0
1102	10/20/2015 23:46:11	17.00	49.17	32.19	7.28	8.20	7.0	1.762	91.4	3.8	0.9
1103	10/21/2015 00:01:11	17.13	49.32	32.30	7.33	8.20	6.2	1.743	92.3	3.9	0.9
1104	10/21/2015 00:16:11	17.28	49.15	32.18	7.42	8.21	5.3	1.711	93.8	4.0	0.9
1105	10/21/2015 00:31:11	17.34	49.28	32.27	7.37	8.21	4.0	1.709	93.2	3.8	0.9
1106	10/21/2015 00:46:11	17.42	49.29	32.28	7.56	8.22	5.7	1.733	95.8	3.9	0.9
1107	10/21/2015 01:01:11	17.38	49.33	32.31	7.55	8.21	5.2	1.754	95.6	4.2	1.0
1108	10/21/2015 01:16:11	17.38	49.43	32.38	7.55	8.22	5.2	1.791	95.7	3.6	0.8
1109	10/21/2015 01:31:11	17.43	49.37	32.34	7.63	8.22	5.4	1.842	96.7	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	Fluorescence %FS
1110	10/21/2015 01:46:11	17.37	49.25	32.25	7.61	8.22	5.6	1.899	96.3	3.8	0.9
1111	10/21/2015 02:01:11	17.41	49.25	32.25	7.55	8.21	6.5	1.960	95.6	3.5	0.8
1112	10/21/2015 02:16:11	17.49	49.12	32.16	7.49	8.19	7.4	2.032	95.0	3.7	0.9
1113	10/21/2015 02:31:11	17.44	49.19	32.21	7.50	8.20	7.1	2.096	95.1	3.8	0.9
1114	10/21/2015 02:46:11	17.33	49.25	32.26	7.49	8.20	6.7	2.151	94.8	3.8	0.9
1115	10/21/2015 03:01:11	17.27	49.25	32.25	7.49	8.20	6.2	2.232	94.6	3.7	0.9
1116	10/21/2015 03:16:11	17.24	49.21	32.22	7.49	8.20	5.9	2.300	94.5	3.9	0.9
1117	10/21/2015 03:31:11	17.19	49.24	32.24	7.48	8.20	6.0	2.364	94.4	3.8	0.9
1118	10/21/2015 03:46:11	17.05	49.16	32.19	7.47	8.21	5.5	2.430	94.0	3.7	0.9
1119	10/21/2015 04:01:11	16.94	49.20	32.21	7.47	8.21	5.0	2.496	93.7	4.0	0.9
1120	10/21/2015 04:16:11	16.86	49.08	32.12	7.47	8.21	4.8	2.574	93.5	3.6	0.8
1121	10/21/2015 04:31:11	16.82	49.24	32.24	7.47	8.21	4.7	2.640	93.6	3.3	0.8
1122	10/21/2015 04:46:12	16.77	49.15	32.17	7.46	8.21	4.4	2.701	93.3	3.5	0.8
1123	10/21/2015 05:01:11	16.68	49.20	32.21	7.46	8.22	4.9	2.774	93.2	3.5	0.8
1124	10/21/2015 05:16:11	16.58	49.21	32.21	7.54	8.22	5.2	2.848	94.0	3.4	0.8
1125	10/21/2015 05:31:11	16.51	49.23	32.23	7.56	8.23	5.3	2.916	94.1	3.2	0.8
1126	10/21/2015 05:46:11	16.45	49.20	32.21	7.60	8.23	5.0	2.984	94.4	3.2	0.8
1127	10/21/2015 06:01:12	16.32	49.11	32.14	7.66	8.24	5.1	3.050	94.9	3.6	0.9
1128	10/21/2015 06:16:11	16.17	49.16	32.17	7.73	8.25	5.0	3.112	95.6	3.1	0.7
1129	10/21/2015 06:31:11	16.05	49.08	32.12	7.77	8.26	4.7	3.167	95.8	3.4	0.8
1130	10/21/2015 06:46:11	15.90	48.98	32.04	7.83	8.26	3.6	3.208	96.2	3.3	0.8
1131	10/21/2015 07:01:11	15.84	49.13	32.14	7.83	8.26	3.0	3.244	96.1	3.2	0.8
1132	10/21/2015 07:16:11	15.85	49.12	32.14	7.73	8.24	3.2	3.277	94.9	3.2	0.8
1133	10/21/2015 07:31:11	16.19	49.23	32.22	7.45	8.21	3.7	3.292	92.1	2.9	0.7
1134	10/21/2015 07:46:12	15.94	49.14	32.16	7.54	8.23	3.2	3.291	92.8	2.7	0.6
1135	10/21/2015 08:01:11	15.85	49.13	32.14	7.61	8.23	3.0	3.286	93.5	2.5	0.6
1136	10/21/2015 08:16:11	15.91	49.07	32.10	7.61	8.23	3.2	3.260	93.6	1.6	0.4
1137	10/21/2015 08:31:11	16.14	49.15	32.17	7.01	8.16	5.9	3.224	86.7	2.7	0.6
1138	10/21/2015 08:46:11	16.34	49.20	32.20	7.23	8.18	5.2	3.178	89.7	2.3	0.5
1139	10/21/2015 09:01:11	16.46	49.16	32.18	7.21	8.18	5.3	3.130	89.7	3.2	0.7
1140	10/21/2015 09:16:12	16.37	49.23	32.23	7.34	8.19	4.9	3.070	91.2	2.4	0.6
1141	10/21/2015 09:31:12	16.26	49.13	32.15	7.50	8.21	4.2	3.018	92.8	2.8	0.7
1142	10/21/2015 09:46:11	16.17	49.13	32.15	7.59	8.21	3.9	2.963	93.8	3.1	0.7
1143	10/21/2015 10:01:11	16.41	49.09	32.13	7.48	8.20	3.7	2.912	92.9	2.3	0.5
1144	10/21/2015 10:16:11	16.45	49.25	32.24	7.50	8.20	3.6	2.849	93.2	2.7	0.6
1145	10/21/2015 10:31:11	16.56	49.14	32.16	7.37	8.19	3.6	2.814	91.8	2.7	0.6
1146	10/21/2015 10:46:11	16.57	49.21	32.21	7.48	8.19	3.7	2.764	93.3	2.7	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1147	10/21/2015 11:01:11	16.58	49.29	32.27	7.58	8.20	3.5	2.711	94.5	2.3	0.5
1148	10/21/2015 11:16:11	16.68	49.20	32.21	7.40	8.18	3.4	2.668	92.4	2.6	0.6
1149	10/21/2015 11:31:11	16.71	49.17	32.19	7.36	8.18	3.1	2.630	92.0	2.6	0.6
1150	10/21/2015 11:46:11	16.71	49.30	32.28	7.47	8.19	3.2	2.596	93.3	2.6	0.6
1151	10/21/2015 12:01:11	16.71	49.15	32.17	7.64	8.21	2.8	2.554	95.4	2.8	0.6
1152	10/21/2015 12:16:12	16.75	49.30	32.28	7.46	8.20	2.7	2.535	93.3	2.0	0.5
1153	10/21/2015 12:31:12	16.78	49.29	32.28	7.60	8.20	2.8	2.506	95.2	2.3	0.5
1154	10/21/2015 12:46:12	16.82	49.25	32.25	7.44	8.19	2.7	2.502	93.2	2.2	0.5
1155	10/21/2015 13:01:11	16.74	49.23	32.23	7.83	8.21	2.9	2.487	97.9	2.7	0.6
1156	10/21/2015 13:16:11	16.80	49.14	32.16	7.62	8.20	3.1	2.486	95.4	3.7	0.9
1157	10/21/2015 13:31:12	16.81	49.24	32.24	7.50	8.18	2.9	2.512	94.0	3.5	0.8
1158	10/21/2015 13:46:12	16.82	49.30	32.28	7.51	8.18	3.2	2.528	94.1	3.1	0.7
1159	10/21/2015 14:01:11	16.80	49.19	32.20	7.49	8.18	3.2	2.554	93.8	3.6	0.8
1160	10/21/2015 14:16:11	16.82	49.10	32.14	7.47	8.18	3.3	2.591	93.5	3.8	0.9
1161	10/21/2015 14:31:11	16.78	49.18	32.20	7.49	8.18	3.1	2.635	93.7	3.6	0.8
1162	10/21/2015 14:46:12	16.73	49.14	32.17	7.48	8.18	3.1	2.680	93.4	3.3	0.8
1163	10/21/2015 15:01:12	16.70	49.27	32.26	7.52	8.18	5.1	2.731	94.0	3.1	0.7
1164	10/21/2015 15:16:12	16.65	49.15	32.17	7.54	8.19	3.0	2.776	94.1	3.4	0.8
1165	10/21/2015 15:31:11	16.64	49.17	32.19	7.57	8.19	2.8	2.826	94.4	3.3	0.8
1166	10/21/2015 15:46:11	16.55	49.19	32.20	7.60	8.20	2.9	2.890	94.7	3.2	0.8
1167	10/21/2015 16:01:11	16.45	48.96	32.03	7.61	8.20	3.0	2.941	94.6	3.0	0.7
1168	10/21/2015 16:16:11	16.31	49.11	32.13	7.71	8.21	2.6	2.991	95.6	3.1	0.7
1169	10/21/2015 16:31:11	16.18	49.17	32.18	7.79	8.22	2.9	3.050	96.3	2.8	0.7
1170	10/21/2015 16:46:12	16.14	49.10	32.13	7.83	8.23	2.2	3.106	96.7	2.9	0.7
1171	10/21/2015 17:01:11	16.12	49.09	32.12	7.83	8.23	2.3	3.161	96.7	2.5	0.6
1172	10/21/2015 17:16:11	16.09	49.04	32.08	7.85	8.23	2.1	3.207	96.8	2.9	0.7
1173	10/21/2015 17:31:12	16.07	49.11	32.13	7.84	8.23	2.0	3.259	96.7	2.9	0.7
1174	10/21/2015 17:46:11	16.00	49.15	32.16	7.89	8.24	2.0	3.302	97.2	2.9	0.7
1175	10/21/2015 18:01:12	15.91	49.20	32.20	7.94	8.24	1.7	3.340	97.6	3.5	0.8
1176	10/21/2015 18:16:12	15.84	49.17	32.18	7.92	8.24	2.0	3.363	97.2	3.1	0.7
1177	10/21/2015 18:31:12	15.77	49.21	32.20	7.85	8.24	1.8	3.383	96.4	3.0	0.7
1178	10/21/2015 18:46:12	15.70	49.14	32.15	7.74	8.23	1.0	3.397	94.7	2.3	0.5
1179	10/21/2015 19:01:11	15.67	49.16	32.17	7.64	8.22	1.3	3.396	93.6	2.8	0.7
1180	10/21/2015 19:16:12	15.66	49.20	32.19	7.74	8.23	1.7	3.380	94.7	2.1	0.5
1181	10/21/2015 19:31:12	15.68	49.18	32.18	7.82	8.23	1.9	3.354	95.8	2.2	0.5
1182	10/21/2015 19:46:12	15.74	49.19	32.19	7.86	8.23	2.6	3.314	96.4	2.4	0.6
1183	10/21/2015 20:01:12	16.03	49.22	32.21	7.76	8.22	2.6	3.273	95.6	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	Fluorescence %FS
1184	10/21/2015 20:16:12	16.15	49.16	32.17	7.73	8.21	3.7	3.203	95.5	3.3	0.8
1185	10/21/2015 20:31:11	16.10	49.12	32.14	7.67	8.20	4.3	3.132	94.6	3.2	0.8
1186	10/21/2015 20:46:12	16.07	49.25	32.24	7.64	8.20	3.8	3.067	94.3	3.6	0.8
1187	10/21/2015 21:01:12	16.23	49.24	32.23	7.62	8.20	4.3	2.987	94.3	3.2	0.7
1188	10/21/2015 21:16:11	16.48	49.18	32.19	7.70	8.20	4.6	2.904	95.7	3.4	0.8
1189	10/21/2015 21:31:11	16.61	49.26	32.25	7.84	8.21	4.9	2.816	97.8	3.3	0.8
1190	10/21/2015 21:46:11	16.80	49.20	32.21	7.85	8.21	5.0	2.739	98.3	3.3	0.8
1191	10/21/2015 22:01:12	16.87	49.34	32.31	7.83	8.20	4.8	2.659	98.3	3.2	0.8
1192	10/21/2015 22:16:11	16.91	49.26	32.26	7.77	8.20	5.1	2.571	97.5	3.3	0.8
1193	10/21/2015 22:31:11	16.94	49.26	32.25	7.81	8.20	5.8	2.476	98.0	3.5	0.8
1194	10/21/2015 22:46:11	16.91	49.29	32.28	7.77	8.20	5.7	2.388	97.5	3.4	0.8
1195	10/21/2015 23:01:11	16.79	49.26	32.25	7.69	8.19	5.6	2.301	96.2	3.4	0.8
1196	10/21/2015 23:16:11	16.58	49.28	32.27	7.60	8.18	5.6	2.201	94.8	3.2	0.8
1197	10/21/2015 23:31:11	16.64	49.29	32.27	7.47	8.17	5.5	2.110	93.3	3.2	0.8
1198	10/21/2015 23:46:11	16.67	49.30	32.28	7.49	8.17	5.3	2.014	93.6	3.4	0.8
1199	10/22/2015 00:01:11	16.71	49.27	32.26	7.36	8.16	5.4	1.935	92.0	3.5	0.8
1200	10/22/2015 00:16:11	16.68	49.20	32.21	7.31	8.15	4.8	1.869	91.3	3.6	0.8
1201	10/22/2015 00:31:11	16.71	49.32	32.30	7.26	8.14	5.2	1.789	90.8	3.2	0.7
1202	10/22/2015 00:46:11	16.78	49.30	32.29	7.31	8.14	4.7	1.748	91.5	2.9	0.7
1203	10/22/2015 01:01:11	16.86	49.36	32.33	7.33	8.15	4.2	1.710	91.9	3.2	0.8
1204	10/22/2015 01:16:11	17.02	49.28	32.27	7.37	8.15	3.8	1.675	92.7	3.5	0.8
1205	10/22/2015 01:31:12	17.07	49.34	32.32	7.26	8.15	3.5	1.695	91.4	3.7	0.9
1206	10/22/2015 01:46:12	17.14	49.28	32.27	7.54	8.16	4.0	1.678	95.0	3.8	0.9
1207	10/22/2015 02:01:11	17.11	49.27	32.26	7.55	8.16	3.5	1.716	95.1	4.2	1.0
1208	10/22/2015 02:16:11	17.18	49.23	32.24	7.61	8.17	3.6	1.758	96.0	3.6	0.8
1209	10/22/2015 02:31:11	17.24	49.29	32.28	7.69	8.17	3.8	1.801	97.1	3.4	0.8
1210	10/22/2015 02:46:12	17.18	49.43	32.38	7.67	8.17	3.7	1.870	96.9	3.5	0.8
1211	10/22/2015 03:01:11	17.15	49.27	32.26	7.63	8.17	3.6	1.919	96.3	3.2	0.8
1212	10/22/2015 03:16:11	17.25	49.27	32.26	7.48	8.15	6.1	1.991	94.5	3.9	0.9
1213	10/22/2015 03:31:12	17.25	49.23	32.24	7.43	8.14	6.3	2.071	93.9	3.6	0.8
1214	10/22/2015 03:46:11	17.12	49.12	32.16	7.49	8.15	5.1	2.138	94.3	3.9	0.9
1215	10/22/2015 04:01:11	17.05	49.18	32.19	7.49	8.15	4.8	2.197	94.2	3.3	0.8
1216	10/22/2015 04:16:11	17.03	49.30	32.29	7.50	8.15	4.7	2.280	94.3	3.9	0.9
1217	10/22/2015 04:31:12	16.99	49.20	32.21	7.51	8.15	4.9	2.365	94.3	3.3	0.8
1218	10/22/2015 04:46:12	16.88	49.26	32.25	7.50	8.15	4.4	2.430	94.0	3.3	0.8
1219	10/22/2015 05:01:12	16.73	49.31	32.29	7.48	8.16	3.8	2.508	93.5	3.1	0.7
1220	10/22/2015 05:16:12	16.66	49.19	32.20	7.48	8.16	4.0	2.580	93.3	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	Fluorescence %FS
1221	10/22/2015 05:31:12	16.55	49.19	32.20	7.46	8.16	4.7	2.658	93.0	3.1	0.7
1222	10/22/2015 05:46:12	16.46	49.19	32.20	7.48	8.16	4.8	2.739	93.0	3.3	0.8
1223	10/22/2015 06:01:12	16.36	49.12	32.14	7.50	8.16	5.0	2.811	93.0	3.2	0.8
1224	10/22/2015 06:16:11	16.28	49.09	32.12	7.54	8.17	5.1	2.891	93.4	2.9	0.7
1225	10/22/2015 06:31:11	16.20	49.04	32.09	7.59	8.17	5.0	2.975	93.8	2.9	0.7
1226	10/22/2015 06:46:11	16.05	49.17	32.18	7.63	8.18	6.6	3.043	94.1	2.9	0.7
1227	10/22/2015 07:01:11	15.90	49.12	32.14	7.67	8.18	6.5	3.107	94.3	3.1	0.7
1228	10/22/2015 07:16:11	15.74	49.25	32.23	7.71	8.19	5.9	3.178	94.6	3.5	0.8
1229	10/22/2015 07:31:12	15.53	49.15	32.15	7.77	8.20	5.0	3.238	94.8	2.7	0.6
1230	10/22/2015 07:46:12	15.39	49.24	32.22	7.78	8.20	4.4	3.292	94.8	2.4	0.6
1231	10/22/2015 08:01:12	15.28	49.18	32.17	7.77	8.20	2.6	3.341	94.4	2.1	0.5
1232	10/22/2015 08:16:12	15.27	49.18	32.17	7.74	8.20	2.8	3.372	94.0	2.8	0.7
1233	10/22/2015 08:31:12	15.19	49.18	32.17	7.62	8.19	2.6	3.407	92.4	2.0	0.5
1234	10/22/2015 08:46:12	15.32	49.23	32.21	7.60	8.19	2.9	3.407	92.4	2.6	0.6
1235	10/22/2015 09:01:12	15.17	49.22	32.20	7.63	8.19	3.9	3.399	92.5	1.9	0.5
1236	10/22/2015 09:16:12	15.53	49.16	32.16	7.50	8.18	4.0	3.383	91.5	2.2	0.5
1237	10/22/2015 09:31:12	15.39	49.27	32.23	7.54	8.18	3.4	3.341	91.9	2.0	0.5
1238	10/22/2015 09:46:12	15.69	49.22	32.20	7.53	8.18	3.7	3.285	92.2	2.5	0.6
1239	10/22/2015 10:01:12	15.87	49.24	32.23	7.64	8.18	4.3	3.217	93.9	2.5	0.6
1240	10/22/2015 10:16:12	15.70	49.27	32.25	7.90	8.20	3.3	3.150	96.8	2.7	0.6
1241	10/22/2015 10:31:11	15.65	49.18	32.18	7.93	8.21	3.2	3.071	97.0	2.9	0.7
1242	10/22/2015 10:46:11	15.96	49.16	32.17	7.76	8.19	4.5	2.998	95.6	2.8	0.7
1243	10/22/2015 11:01:11	16.12	49.17	32.18	7.64	8.18	3.8	2.944	94.4	2.4	0.6
1244	10/22/2015 11:16:11	16.28	49.24	32.23	7.65	8.17	3.6	2.853	94.9	3.1	0.7
1245	10/22/2015 11:31:11	16.39	49.22	32.22	7.62	8.17	3.8	2.794	94.6	3.0	0.7
1246	10/22/2015 11:46:11	16.40	49.24	32.23	7.46	8.15	3.6	2.728	92.7	2.8	0.7
1247	10/22/2015 12:01:11	16.55	49.22	32.22	7.53	8.16	3.5	2.659	93.8	2.9	0.7
1248	10/22/2015 12:16:11	16.56	49.22	32.22	7.66	8.16	3.7	2.611	95.5	2.4	0.6
1249	10/22/2015 12:31:12	16.61	49.24	32.23	7.69	8.17	3.4	2.539	95.9	2.5	0.6
1250	10/22/2015 12:46:12	16.68	49.24	32.24	7.71	8.17	3.0	2.481	96.3	2.5	0.6
1251	10/22/2015 13:01:12	16.71	49.27	32.26	7.68	8.16	2.8	2.442	96.0	2.2	0.5
1252	10/22/2015 13:16:12	16.75	49.25	32.25	7.65	8.16	2.8	2.375	95.6	2.1	0.5
1253	10/22/2015 13:31:12	16.77	49.32	32.29	7.67	8.16	2.6	2.320	96.0	2.5	0.6
1254	10/22/2015 13:46:12	16.84	49.30	32.29	7.58	8.16	2.3	2.298	95.0	2.2	0.5
1255	10/22/2015 14:01:12	16.85	49.23	32.23	7.61	8.16	2.4	2.271	95.3	2.9	0.7
1256	10/22/2015 14:16:12	16.91	49.30	32.28	7.65	8.16	2.3	2.258	96.0	2.8	0.7
1257	10/22/2015 14:31:11	16.81	49.23	32.23	7.91	8.18	2.6	2.274	99.0	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	Fluorescence %FS
1258	10/22/2015 14:46:12	16.83	49.33	32.31	7.86	8.17	2.7	2.282	98.6	3.8	0.9
1259	10/22/2015 15:01:12	16.87	49.33	32.31	7.81	8.17	2.9	2.323	97.9	3.8	0.9
1260	10/22/2015 15:16:11	16.87	49.29	32.28	7.80	8.17	3.0	2.375	97.8	3.7	0.9
1261	10/22/2015 15:31:12	16.86	49.17	32.19	7.74	8.16	3.2	2.415	97.0	3.4	0.8
1262	10/22/2015 15:46:11	16.82	49.08	32.12	7.76	8.16	3.2	2.483	97.1	3.2	0.8
1263	10/22/2015 16:01:11	16.76	49.28	32.27	7.78	8.17	3.7	2.542	97.3	3.4	0.8
1264	10/22/2015 16:16:12	16.70	49.10	32.13	7.82	8.17	3.6	2.597	97.7	3.3	0.8
1265	10/22/2015 16:31:12	16.62	49.20	32.21	7.87	8.18	3.1	2.669	98.2	2.9	0.7
1266	10/22/2015 16:46:12	16.56	49.20	32.21	7.75	8.17	3.0	2.724	96.5	3.4	0.8
1267	10/22/2015 17:01:11	16.49	49.20	32.20	7.61	8.16	2.9	2.779	94.7	3.5	0.8
1268	10/22/2015 17:16:11	16.35	49.10	32.13	7.64	8.16	3.2	2.855	94.8	3.4	0.8
1269	10/22/2015 17:31:12	16.29	49.22	32.22	7.65	8.17	3.0	2.914	94.9	3.2	0.8
1270	10/22/2015 17:46:11	16.21	49.21	32.21	7.65	8.17	3.0	2.972	94.6	3.1	0.7
1271	10/22/2015 18:01:12	16.12	49.13	32.15	7.61	8.17	3.0	3.045	94.0	3.1	0.7
1272	10/22/2015 18:16:12	16.01	49.28	32.25	7.67	8.17	2.9	3.105	94.5	2.8	0.7
1273	10/22/2015 18:31:12	15.87	48.97	32.03	7.70	8.18	2.9	3.164	94.6	2.6	0.6
1274	10/22/2015 18:46:12	15.74	49.21	32.20	7.74	8.18	3.0	3.229	94.9	3.1	0.7
1275	10/22/2015 19:01:12	15.65	49.01	32.05	7.75	8.18	2.8	3.277	94.8	3.0	0.7
1276	10/22/2015 19:16:11	15.59	49.18	32.18	7.78	8.18	2.7	3.328	95.1	3.1	0.7
1277	10/22/2015 19:31:11	15.53	49.01	32.05	7.79	8.18	2.3	3.379	95.0	3.0	0.7
1278	10/22/2015 19:46:12	15.40	49.16	32.16	7.80	8.19	2.4	3.423	95.0	3.1	0.7
1279	10/22/2015 20:01:11	15.71	49.08	32.10	7.68	8.18	2.2	3.452	94.0	3.4	0.8
1280	10/22/2015 20:16:12	15.62	49.20	32.19	7.65	8.18	2.4	3.463	93.5	2.9	0.7
1281	10/22/2015 20:31:12	15.38	49.19	32.18	7.67	8.18	2.4	3.447	93.4	2.4	0.6
1282	10/22/2015 20:46:12	15.44	49.15	32.15	7.71	8.18	2.5	3.404	94.0	2.2	0.5
1283	10/22/2015 21:01:13	15.45	49.23	32.21	7.69	8.18	2.4	3.368	93.7	2.5	0.6
1284	10/22/2015 21:16:12	15.78	49.18	32.18	7.64	8.18	3.6	3.323	93.7	2.8	0.7
1285	10/22/2015 21:31:12	16.04	49.15	32.16	7.49	8.16	4.9	3.262	92.4	3.4	0.8
1286	10/22/2015 21:46:11	15.92	49.20	32.20	7.42	8.15	4.8	3.169	91.3	2.8	0.7
1287	10/22/2015 22:01:12	15.67	49.09	32.11	7.52	8.16	4.3	3.101	92.0	3.5	0.8
1288	10/22/2015 22:16:11	15.83	49.22	32.21	7.50	8.16	3.9	3.013	92.1	3.1	0.7
1289	10/22/2015 22:31:11	16.03	49.25	32.24	7.54	8.16	4.8	2.930	93.0	3.2	0.8
1290	10/22/2015 22:46:12	16.23	49.15	32.17	7.61	8.16	5.0	2.851	94.2	2.6	0.6
1291	10/22/2015 23:01:11	16.32	49.11	32.14	7.68	8.17	4.5	2.755	95.2	3.1	0.7
1292	10/22/2015 23:16:11	16.44	49.20	32.20	7.73	8.17	4.8	2.672	96.1	3.3	0.8
1293	10/22/2015 23:31:11	16.48	49.26	32.25	7.80	8.18	4.7	2.590	97.0	2.9	0.7
1294	10/22/2015 23:46:11	16.51	49.16	32.18	7.78	8.17	5.4	2.483	96.8	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	Fluorescence %FS
1295	10/23/2015 00:01:11	16.51	49.29	32.27	7.74	8.17	5.2	2.377	96.4	3.4	0.8
1296	10/23/2015 00:16:12	16.46	49.24	32.23	7.65	8.16	6.0	2.296	95.2	3.3	0.8
1297	10/23/2015 00:31:12	16.24	49.31	32.28	7.49	8.15	6.0	2.196	92.7	3.6	0.8
1298	10/23/2015 00:46:11	16.32	49.28	32.26	7.53	8.15	6.2	2.089	93.4	2.9	0.7
1299	10/23/2015 01:01:11	16.24	49.33	32.30	7.46	8.14	6.3	1.997	92.5	3.1	0.7
1300	10/23/2015 01:16:11	16.37	49.35	32.31	7.38	8.13	5.5	1.907	91.7	3.1	0.7
1301	10/23/2015 01:31:11	16.20	49.32	32.29	7.29	8.12	5.2	1.817	90.3	3.4	0.8
1302	10/23/2015 01:46:12	16.15	49.28	32.26	7.23	8.12	5.1	1.785	89.5	3.7	0.9
1303	10/23/2015 02:01:12	16.31	49.36	32.32	7.31	8.13	4.9	1.726	90.6	3.4	0.8
1304	10/23/2015 02:16:12	16.47	49.25	32.24	7.36	8.13	3.9	1.686	91.6	3.4	0.8
1305	10/23/2015 02:31:11	16.52	49.26	32.25	7.39	8.13	3.2	1.651	92.0	3.7	0.9
1306	10/23/2015 02:46:11	16.62	49.31	32.29	7.56	8.14	3.8	1.685	94.3	3.5	0.8
1307	10/23/2015 03:01:12	16.67	49.34	32.31	7.58	8.15	3.2	1.695	94.7	3.6	0.8
1308	10/23/2015 03:16:12	16.61	49.29	32.28	7.51	8.14	3.5	1.728	93.7	4.0	0.9
1309	10/23/2015 03:31:12	16.76	49.25	32.25	7.67	8.15	3.8	1.798	95.9	3.3	0.8
1310	10/23/2015 03:46:12	16.68	49.30	32.28	7.63	8.15	3.7	1.867	95.4	3.3	0.8
1311	10/23/2015 04:01:12	16.63	49.20	32.20	7.60	8.14	4.0	1.936	94.8	3.3	0.8
1312	10/23/2015 04:16:11	16.57	49.21	32.21	7.45	8.13	4.9	2.024	92.9	3.1	0.7
1313	10/23/2015 04:31:11	16.43	49.22	32.22	7.36	8.12	4.8	2.112	91.5	3.0	0.7
1314	10/23/2015 04:46:12	16.35	49.19	32.20	7.35	8.12	4.2	2.182	91.2	3.1	0.7
1315	10/23/2015 05:01:11	16.37	49.33	32.30	7.30	8.12	4.6	2.264	90.7	3.2	0.8
1316	10/23/2015 05:16:12	16.37	49.34	32.30	7.30	8.12	4.3	2.341	90.7	2.7	0.6
1317	10/23/2015 05:31:12	16.36	49.33	32.30	7.26	8.12	4.8	2.428	90.1	3.0	0.7
1318	10/23/2015 05:46:12	16.32	49.19	32.20	7.26	8.11	4.3	2.519	90.1	2.8	0.7
1319	10/23/2015 06:01:12	16.27	49.25	32.24	7.24	8.12	4.2	2.611	89.8	3.1	0.7
1320	10/23/2015 06:16:12	16.19	49.25	32.24	7.25	8.12	4.9	2.690	89.7	2.9	0.7
1321	10/23/2015 06:31:11	16.06	49.23	32.22	7.28	8.12	6.5	2.763	89.8	3.2	0.7
1322	10/23/2015 06:46:12	15.99	49.26	32.24	7.27	8.12	5.9	2.850	89.6	2.6	0.6
1323	10/23/2015 07:01:12	15.88	49.16	32.17	7.33	8.13	6.0	2.933	90.1	3.1	0.7
1324	10/23/2015 07:16:12	15.72	49.23	32.21	7.37	8.13	8.2	3.014	90.4	2.9	0.7
1325	10/23/2015 07:31:12	15.49	49.21	32.20	7.48	8.14	8.7	3.104	91.3	3.2	0.8
1326	10/23/2015 07:46:12	15.31	49.17	32.16	7.54	8.14	8.6	3.187	91.6	2.8	0.7
1327	10/23/2015 08:01:11	14.94	49.13	32.13	7.68	8.14	8.9	3.273	92.6	2.8	0.7
1328	10/23/2015 08:16:12	14.65	49.21	32.17	7.82	8.15	7.6	3.336	93.8	2.7	0.6
1329	10/23/2015 08:31:12	14.60	49.12	32.11	7.85	8.15	6.3	3.411	94.1	2.4	0.6
	Mean	16.24	49.21	32.21	7.68	8.16	4.74	2.76	95.07	3.08	0.73
	Minimum	13.74	47.69	31.08	6.71	8.06	0.90	1.61	83.90	1.50	0.40

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
	Maximum	18.27	49.65	32.50	8.75	8.29	12.20	3.81	110.80	5.00	1.20

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

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 #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
0	10/23/2015 09:00:52	14.28	49.71	32.53	7.89	8.04	4.1	3.525	94.2	1.6	0.4
1	10/23/2015 09:15:53	14.37	49.75	32.56	7.84	8.05	3.5	3.576	93.7	1.8	0.4
2	10/23/2015 09:30:53	14.47	49.85	32.64	7.57	8.04	2.7	3.604	90.8	1.1	0.3
3	10/23/2015 09:45:53	14.53	49.76	32.58	7.49	8.04	5.1	3.597	89.8	0.9	0.2
4	10/23/2015 10:00:53	14.27	49.79	32.59	7.74	8.06	3.6	3.583	92.4	1.3	0.3
5	10/23/2015 10:15:53	14.27	49.83	32.62	7.78	8.07	4.3	3.540	92.9	1.7	0.4
6	10/23/2015 10:30:53	14.35	49.78	32.58	7.81	8.08	5.0	3.480	93.4	1.0	0.2
7	10/23/2015 10:45:53	14.58	49.84	32.64	7.76	8.08	6.7	3.407	93.3	1.4	0.3
8	10/23/2015 11:00:53	14.73	49.81	32.62	8.20	8.10	3.9	3.340	98.7	1.8	0.4
9	10/23/2015 11:15:53	14.85	49.81	32.62	8.11	8.10	3.7	3.241	97.9	2.2	0.5
10	10/23/2015 11:30:53	15.19	49.74	32.57	7.90	8.09	4.3	3.142	96.1	2.6	0.6
11	10/23/2015 11:45:52	15.39	49.82	32.64	7.72	8.07	5.4	3.057	94.3	2.0	0.5
12	10/23/2015 12:00:53	15.48	49.84	32.65	7.70	8.07	4.9	2.978	94.2	2.1	0.5
13	10/23/2015 12:15:53	15.68	49.89	32.70	7.67	8.07	4.5	2.891	94.2	2.1	0.5
14	10/23/2015 12:30:53	15.90	49.91	32.72	7.66	8.06	5.1	2.797	94.5	2.4	0.6
15	10/23/2015 12:45:52	15.88	49.84	32.67	7.61	8.06	4.7	2.720	93.8	1.9	0.5
16	10/23/2015 13:00:52	15.99	49.84	32.67	7.65	8.06	3.9	2.634	94.5	2.6	0.6
17	10/23/2015 13:15:53	16.03	49.90	32.71	7.66	8.06	4.1	2.553	94.7	2.6	0.6
18	10/23/2015 13:30:53	16.11	49.94	32.74	7.80	8.06	3.7	2.464	96.7	2.4	0.6
19	10/23/2015 13:45:53	16.13	49.95	32.75	7.81	8.06	3.7	2.394	96.8	2.3	0.5
20	10/23/2015 14:00:53	16.13	49.90	32.71	8.00	8.07	3.5	2.318	99.2	2.8	0.7
21	10/23/2015 14:15:53	16.15	49.93	32.73	8.01	8.08	3.2	2.244	99.4	3.1	0.7
22	10/23/2015 14:30:53	16.18	49.94	32.74	7.97	8.07	3.1	2.191	98.9	1.3	0.3
23	10/23/2015 14:45:53	16.21	49.94	32.74	8.13	8.08	2.9	2.149	100.9	2.7	0.6
24	10/23/2015 15:00:53	16.24	49.95	32.75	8.00	8.08	2.4	2.113	99.4	2.4	0.6
25	10/23/2015 15:15:53	16.25	49.91	32.72	8.17	8.09	3.1	2.110	101.5	2.6	0.6
26	10/23/2015 15:30:53	16.22	49.95	32.75	8.30	8.09	2.6	2.094	103.1	3.6	0.8
27	10/23/2015 15:45:53	16.26	50.00	32.79	8.13	8.08	2.6	2.125	101.1	2.8	0.7
28	10/23/2015 16:00:53	16.31	49.99	32.78	8.01	8.07	2.8	2.142	99.7	2.8	0.7
29	10/23/2015 16:15:53	16.42	50.00	32.79	7.87	8.06	2.9	2.194	98.1	2.2	0.5
30	10/23/2015 16:30:53	16.43	50.01	32.80	7.79	8.05	3.2	2.257	97.2	3.3	0.8
31	10/23/2015 16:45:53	16.42	50.05	32.82	7.82	8.05	3.7	2.336	97.6	3.9	0.9
32	10/23/2015 17:00:53	16.27	49.96	32.76	7.86	8.05	4.0	2.413	97.7	3.4	0.8
33	10/23/2015 17:15:53	16.18	50.04	32.81	7.88	8.05	3.2	2.485	97.8	2.6	0.6
34	10/23/2015 17:30:53	16.14	50.02	32.80	7.90	8.06	3.1	2.569	98.0	3.2	0.8
35	10/23/2015 17:45:53	16.10	50.00	32.79	7.84	8.05	3.2	2.639	97.1	2.0	0.5
36	10/23/2015 18:00:53	16.06	49.98	32.77	7.81	8.05	3.2	2.701	96.7	2.6	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
37	10/23/2015 18:15:53	15.91	49.95	32.74	7.78	8.05	3.5	2.782	96.0	3.0	0.7
38	10/23/2015 18:30:53	15.79	50.04	32.81	7.77	8.05	3.6	2.852	95.7	2.9	0.7
39	10/23/2015 18:45:53	15.71	49.99	32.77	7.80	8.05	4.6	2.925	95.9	2.8	0.7
40	10/23/2015 19:00:53	15.60	50.02	32.79	7.82	8.05	4.6	2.998	96.0	2.9	0.7
41	10/23/2015 19:15:53	15.45	49.98	32.76	7.85	8.06	4.9	3.077	96.0	3.0	0.7
42	10/23/2015 19:30:53	15.29	50.01	32.78	7.89	8.06	4.8	3.161	96.2	2.1	0.5
43	10/23/2015 19:45:53	15.18	49.96	32.73	7.92	8.06	4.5	3.222	96.3	2.2	0.5
44	10/23/2015 20:00:53	15.02	49.92	32.70	8.01	8.07	4.9	3.301	97.1	2.3	0.5
45	10/23/2015 20:15:53	14.84	50.01	32.77	8.09	8.07	5.5	3.374	97.8	2.5	0.6
46	10/23/2015 20:30:53	14.63	50.00	32.76	8.16	8.07	4.8	3.435	98.2	2.9	0.7
47	10/23/2015 20:45:53	14.48	49.98	32.73	8.17	8.08	3.9	3.483	98.0	2.8	0.7
48	10/23/2015 21:00:53	14.34	49.98	32.73	8.21	8.08	3.5	3.533	98.2	2.7	0.6
49	10/23/2015 21:15:53	14.36	50.01	32.75	8.15	8.08	3.1	3.554	97.5	2.7	0.6
50	10/23/2015 21:30:53	14.49	50.10	32.83	7.98	8.07	2.4	3.563	95.8	3.2	0.8
51	10/23/2015 21:45:53	14.42	50.03	32.77	8.00	8.06	3.1	3.541	95.9	2.6	0.6
52	10/23/2015 22:00:53	14.50	49.98	32.74	7.98	8.07	3.7	3.528	95.8	1.8	0.4
53	10/23/2015 22:15:53	14.52	50.03	32.77	8.00	8.07	3.3	3.478	96.1	2.0	0.5
54	10/23/2015 22:30:53	14.92	50.02	32.77	7.94	8.07	4.4	3.402	96.1	2.5	0.6
55	10/23/2015 22:45:53	15.36	50.03	32.79	7.68	8.06	4.6	3.341	93.8	2.4	0.6
56	10/23/2015 23:00:53	14.96	50.02	32.77	7.80	8.06	4.8	3.250	94.5	1.8	0.4
57	10/23/2015 23:15:53	14.91	49.99	32.75	7.86	8.06	4.3	3.161	95.1	2.6	0.6
58	10/23/2015 23:30:53	15.23	50.04	32.80	7.62	8.05	4.7	3.065	92.9	2.3	0.5
59	10/23/2015 23:45:53	15.43	50.06	32.82	7.65	8.05	4.7	2.963	93.6	3.0	0.7
60	10/24/2015 00:00:53	15.61	50.07	32.83	7.61	8.04	4.6	2.869	93.4	2.1	0.5
61	10/24/2015 00:15:53	15.70	50.09	32.84	7.59	8.05	5.3	2.773	93.4	2.4	0.6
62	10/24/2015 00:30:53	15.81	50.10	32.85	7.60	8.04	4.8	2.670	93.7	3.1	0.7
63	10/24/2015 00:45:53	15.86	50.07	32.84	7.62	8.04	5.2	2.572	94.1	1.8	0.4
64	10/24/2015 01:00:53	15.89	50.07	32.83	7.63	8.04	5.4	2.475	94.2	2.6	0.6
65	10/24/2015 01:15:53	15.86	50.10	32.86	7.57	8.04	5.4	2.366	93.4	2.5	0.6
66	10/24/2015 01:30:53	15.83	50.07	32.83	7.55	8.04	5.4	2.264	93.1	2.9	0.7
67	10/24/2015 01:45:53	15.84	50.08	32.84	7.56	8.04	5.8	2.163	93.2	3.1	0.7
68	10/24/2015 02:00:53	15.77	50.11	32.86	7.48	8.03	5.2	2.059	92.1	3.0	0.7
69	10/24/2015 02:15:53	15.86	50.13	32.88	7.44	8.02	5.1	1.969	91.8	2.0	0.5
70	10/24/2015 02:30:53	15.81	50.05	32.81	7.36	8.02	4.9	1.887	90.7	2.7	0.6
71	10/24/2015 02:45:53	15.83	50.15	32.89	7.37	8.02	4.8	1.807	90.8	2.7	0.6
72	10/24/2015 03:00:53	15.83	50.14	32.88	7.28	8.01	4.3	1.779	89.8	3.3	0.8
73	10/24/2015 03:15:53	15.80	50.15	32.89	7.21	8.00	4.4	1.726	88.9	2.6	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
74	10/24/2015 03:30:53	15.88	50.14	32.88	7.15	8.00	2.9	1.722	88.3	2.7	0.6
75	10/24/2015 03:45:53	15.85	50.17	32.91	7.32	8.00	3.9	1.723	90.4	2.2	0.5
76	10/24/2015 04:00:53	15.92	50.16	32.90	7.38	8.01	3.8	1.774	91.2	2.1	0.5
77	10/24/2015 04:15:53	16.07	50.13	32.88	7.51	8.03	3.8	1.824	93.1	2.7	0.6
78	10/24/2015 04:30:53	16.12	50.16	32.90	7.59	8.03	3.8	1.873	94.1	1.7	0.4
79	10/24/2015 04:45:53	16.09	50.19	32.92	7.55	8.02	4.0	1.963	93.6	2.1	0.5
80	10/24/2015 05:00:53	16.06	50.15	32.90	7.51	8.02	4.7	2.053	93.1	2.3	0.5
81	10/24/2015 05:15:53	15.91	50.14	32.89	7.46	8.02	5.6	2.156	92.2	2.1	0.5
82	10/24/2015 05:30:53	15.83	50.12	32.87	7.42	8.01	4.5	2.239	91.5	2.3	0.5
83	10/24/2015 05:45:53	15.83	50.15	32.89	7.41	8.01	4.2	2.335	91.4	2.7	0.6
84	10/24/2015 06:00:53	15.83	50.15	32.89	7.41	8.01	4.5	2.420	91.4	2.5	0.6
85	10/24/2015 06:15:52	15.82	50.11	32.86	7.41	8.01	4.2	2.517	91.3	1.7	0.4
86	10/24/2015 06:30:53	15.78	50.16	32.90	7.42	8.01	5.1	2.607	91.4	3.3	0.8
87	10/24/2015 06:45:53	15.72	50.13	32.87	7.43	8.02	4.8	2.684	91.4	2.5	0.6
88	10/24/2015 07:00:53	15.61	50.15	32.88	7.46	8.02	5.2	2.790	91.6	2.3	0.5
89	10/24/2015 07:15:53	15.49	50.12	32.86	7.50	8.02	6.5	2.871	91.8	1.5	0.4
90	10/24/2015 07:30:53	15.40	50.11	32.85	7.54	8.03	7.7	2.963	92.2	2.9	0.7
91	10/24/2015 07:45:53	15.20	50.05	32.80	7.61	8.02	9.6	3.071	92.7	3.2	0.8
92	10/24/2015 08:00:53	14.94	50.07	32.81	7.71	8.03	8.9	3.155	93.4	2.3	0.5
93	10/24/2015 08:15:53	14.70	50.11	32.84	7.82	8.04	12.0	3.263	94.3	2.2	0.5
94	10/24/2015 08:30:53	14.48	50.05	32.78	7.90	8.05	11.5	3.365	94.7	2.6	0.6
95	10/24/2015 08:45:53	14.23	50.14	32.84	7.96	8.06	13.2	3.461	95.1	2.6	0.6
96	10/24/2015 09:00:53	14.03	50.14	32.84	8.00	8.06	12.2	3.544	95.2	2.1	0.5
97	10/24/2015 09:15:53	13.96	50.12	32.82	8.01	8.07	11.7	3.630	95.1	2.3	0.5
98	10/24/2015 09:30:53	13.89	50.16	32.85	8.05	8.07	8.5	3.702	95.5	1.8	0.4
99	10/24/2015 09:45:53	13.89	50.12	32.82	8.00	8.07	7.0	3.763	94.9	1.6	0.4
100	10/24/2015 10:00:53	14.12	50.18	32.87	7.86	8.06	5.2	3.797	93.6	1.3	0.3
101	10/24/2015 10:15:53	13.98	50.11	32.81	7.91	8.07	2.6	3.821	94.0	1.5	0.4
102	10/24/2015 10:30:53	14.04	50.16	32.85	7.77	8.06	4.5	3.823	92.5	1.1	0.3
103	10/24/2015 10:45:53	14.01	50.12	32.82	7.85	8.06	5.4	3.793	93.4	1.8	0.4
104	10/24/2015 11:00:53	14.14	50.12	32.83	7.85	8.06	5.6	3.737	93.6	1.3	0.3
105	10/24/2015 11:15:53	14.10	50.14	32.84	7.91	8.07	6.8	3.668	94.2	1.6	0.4
106	10/24/2015 11:30:53	14.11	50.15	32.85	8.07	8.07	7.0	3.587	96.2	1.8	0.4
107	10/24/2015 11:45:53	14.14	50.11	32.82	8.16	8.09	4.9	3.483	97.3	1.5	0.4
108	10/24/2015 12:00:53	14.44	50.13	32.84	8.08	8.07	6.2	3.377	96.8	2.0	0.5
109	10/24/2015 12:15:53	14.65	50.08	32.81	7.96	8.06	6.0	3.286	95.8	2.7	0.6
110	10/24/2015 12:30:53	14.71	50.17	32.88	7.91	8.06	8.0	3.172	95.4	2.4	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
111	10/24/2015 12:45:53	14.88	50.11	32.84	7.92	8.06	6.3	3.059	95.8	2.2	0.5
112	10/24/2015 13:00:53	15.11	50.09	32.83	7.92	8.06	5.9	2.965	96.3	2.1	0.5
113	10/24/2015 13:15:53	15.36	50.17	32.90	7.88	8.06	4.5	2.853	96.3	2.8	0.7
114	10/24/2015 13:30:53	15.70	50.19	32.91	7.82	8.05	5.3	2.751	96.2	2.1	0.5
115	10/24/2015 13:45:53	15.68	50.17	32.90	7.84	8.05	4.8	2.640	96.4	1.5	0.3
116	10/24/2015 14:00:53	15.77	50.17	32.90	7.91	8.05	5.9	2.541	97.5	2.1	0.5
117	10/24/2015 14:15:53	15.75	50.17	32.90	8.05	8.06	5.2	2.441	99.1	2.5	0.6
118	10/24/2015 14:30:53	15.85	50.18	32.91	8.26	8.08	4.6	2.334	101.9	2.6	0.6
119	10/24/2015 14:45:53	15.89	50.14	32.88	8.38	8.08	4.1	2.238	103.5	2.1	0.5
120	10/24/2015 15:00:53	15.97	50.15	32.90	8.39	8.08	4.3	2.142	103.7	2.4	0.6
121	10/24/2015 15:15:53	16.06	50.16	32.90	8.34	8.08	4.0	2.058	103.4	2.4	0.6
122	10/24/2015 15:30:53	16.14	50.17	32.91	8.52	8.09	4.5	1.983	105.7	2.0	0.5
123	10/24/2015 15:45:53	16.26	50.16	32.90	8.57	8.09	3.6	1.918	106.6	2.4	0.6
124	10/24/2015 16:00:53	16.30	50.18	32.92	8.30	8.08	3.0	1.896	103.3	2.1	0.5
125	10/24/2015 16:15:53	16.43	50.16	32.91	8.76	8.10	3.3	1.876	109.4	2.3	0.5
126	10/24/2015 16:30:53	16.27	50.17	32.91	8.51	8.08	3.3	1.888	105.8	2.4	0.6
127	10/24/2015 16:45:53	16.21	50.20	32.93	8.50	8.08	3.3	1.918	105.6	3.0	0.7
128	10/24/2015 17:00:53	16.28	50.21	32.94	8.21	8.06	3.2	1.968	102.2	2.8	0.7
129	10/24/2015 17:15:53	16.34	50.19	32.93	8.16	8.06	3.5	2.047	101.7	3.0	0.7
130	10/24/2015 17:30:53	16.30	50.24	32.96	8.10	8.05	4.6	2.122	100.9	2.5	0.6
131	10/24/2015 17:45:53	16.13	50.22	32.95	8.11	8.05	5.0	2.200	100.7	2.5	0.6
132	10/24/2015 18:00:53	16.08	50.22	32.95	8.13	8.05	4.9	2.294	100.8	2.4	0.6
133	10/24/2015 18:15:53	16.05	50.20	32.93	8.11	8.05	4.6	2.380	100.5	2.0	0.5
134	10/24/2015 18:30:53	16.06	50.24	32.96	8.04	8.04	4.7	2.460	99.6	2.7	0.6
135	10/24/2015 18:45:53	15.99	50.19	32.93	7.96	8.04	4.5	2.545	98.5	3.1	0.7
136	10/24/2015 19:00:53	15.82	50.18	32.91	7.83	8.03	4.9	2.631	96.5	2.8	0.7
137	10/24/2015 19:15:53	15.71	50.23	32.94	7.76	8.03	4.3	2.708	95.5	2.6	0.6
138	10/24/2015 19:30:53	15.58	50.17	32.90	7.78	8.03	5.6	2.796	95.5	2.3	0.6
139	10/24/2015 19:45:53	15.47	50.18	32.91	7.83	8.03	6.5	2.889	95.9	2.7	0.6
140	10/24/2015 20:00:53	15.38	50.16	32.89	7.83	8.04	6.2	2.971	95.7	2.6	0.6
141	10/24/2015 20:15:53	15.27	50.20	32.92	7.78	8.03	7.2	3.072	94.9	3.1	0.7
142	10/24/2015 20:30:53	15.11	50.17	32.89	7.87	8.04	9.3	3.163	95.7	2.6	0.6
143	10/24/2015 20:45:53	14.89	50.15	32.87	7.97	8.05	9.9	3.254	96.4	2.6	0.6
144	10/24/2015 21:00:53	14.62	50.19	32.89	8.00	8.05	9.5	3.348	96.4	2.3	0.6
145	10/24/2015 21:15:53	14.48	50.20	32.90	8.04	8.06	8.9	3.435	96.5	3.0	0.7
146	10/24/2015 21:30:53	14.33	50.19	32.88	8.08	8.06	9.6	3.507	96.7	2.9	0.7
147	10/24/2015 21:45:53	14.26	50.13	32.84	8.10	8.07	6.8	3.572	96.8	2.9	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
148	10/24/2015 22:00:53	14.20	50.09	32.81	8.11	8.08	5.0	3.628	96.8	2.3	0.6
149	10/24/2015 22:15:53	14.27	50.23	32.91	8.05	8.07	4.6	3.668	96.3	2.8	0.7
150	10/24/2015 22:30:53	14.49	49.92	32.69	7.87	8.06	3.9	3.687	94.4	2.8	0.7
151	10/24/2015 22:45:53	14.43	50.25	32.93	7.73	8.05	4.4	3.678	92.8	2.4	0.6
152	10/24/2015 23:00:53	14.35	50.18	32.88	7.85	8.06	4.0	3.659	94.0	2.4	0.6
153	10/24/2015 23:15:53	14.56	50.18	32.88	7.81	8.06	6.1	3.612	94.0	2.7	0.6
154	10/24/2015 23:30:53	14.39	50.18	32.88	7.91	8.06	4.6	3.532	94.8	2.3	0.5
155	10/24/2015 23:45:53	14.67	50.16	32.87	7.76	8.05	5.9	3.436	93.6	2.4	0.6
156	10/25/2015 00:00:53	14.35	50.11	32.83	7.92	8.06	5.7	3.349	94.8	1.4	0.3
157	10/25/2015 00:15:53	14.51	50.22	32.91	7.86	8.05	5.0	3.243	94.4	2.7	0.6
158	10/25/2015 00:30:53	14.85	50.15	32.87	7.74	8.04	5.7	3.133	93.6	2.1	0.5
159	10/25/2015 00:45:53	14.91	50.20	32.91	7.79	8.05	6.0	3.021	94.3	2.0	0.5
160	10/25/2015 01:00:53	15.08	50.17	32.89	7.76	8.04	5.4	2.904	94.3	2.3	0.5
161	10/25/2015 01:15:53	15.36	50.24	32.94	7.60	8.03	5.8	2.815	92.9	2.3	0.5
162	10/25/2015 01:30:53	15.27	50.19	32.91	7.67	8.03	5.8	2.714	93.6	2.0	0.5
163	10/25/2015 01:45:53	15.38	50.25	32.95	7.63	8.03	6.7	2.601	93.4	2.4	0.6
164	10/25/2015 02:00:53	15.46	50.22	32.93	7.60	8.03	5.4	2.499	93.1	2.8	0.7
165	10/25/2015 02:15:53	15.53	50.20	32.92	7.57	8.02	6.8	2.406	92.8	1.9	0.5
166	10/25/2015 02:30:53	15.46	50.24	32.95	7.59	8.02	5.3	2.289	92.9	3.1	0.7
167	10/25/2015 02:45:53	15.42	50.16	32.89	7.55	8.02	6.0	2.186	92.3	2.3	0.5
168	10/25/2015 03:00:53	15.47	50.23	32.94	7.56	8.02	5.7	2.092	92.6	2.4	0.6
169	10/25/2015 03:15:53	15.55	50.24	32.95	7.54	8.02	5.5	2.000	92.5	2.7	0.7
170	10/25/2015 03:30:53	15.59	50.23	32.95	7.48	8.01	5.6	1.933	91.9	2.9	0.7
171	10/25/2015 03:45:53	15.64	50.25	32.96	7.45	8.01	5.3	1.857	91.6	2.5	0.6
172	10/25/2015 04:00:53	15.54	50.25	32.96	7.30	8.00	4.9	1.792	89.5	2.2	0.5
173	10/25/2015 04:15:53	15.60	50.25	32.96	7.21	7.99	4.0	1.796	88.6	2.9	0.7
174	10/25/2015 04:30:53	15.59	50.23	32.94	7.31	7.99	4.6	1.758	89.7	2.4	0.6
175	10/25/2015 04:45:53	15.66	50.27	32.98	7.44	8.00	4.5	1.797	91.4	2.9	0.7
176	10/25/2015 05:00:53	15.71	50.24	32.95	7.47	8.01	3.9	1.798	91.9	1.7	0.4
177	10/25/2015 05:15:53	15.96	50.30	33.00	7.58	8.02	4.1	1.892	93.9	2.3	0.5
178	10/25/2015 05:30:53	15.95	50.31	33.01	7.58	8.01	5.1	1.967	93.8	2.2	0.5
179	10/25/2015 05:45:53	15.90	50.27	32.98	7.57	8.01	5.8	2.051	93.6	2.1	0.5
180	10/25/2015 06:00:53	15.73	50.27	32.98	7.55	8.01	5.9	2.154	92.9	2.3	0.5
181	10/25/2015 06:15:53	15.61	50.24	32.95	7.52	8.01	5.2	2.264	92.4	1.8	0.4
182	10/25/2015 06:30:53	15.61	50.27	32.97	7.53	8.01	6.0	2.371	92.5	1.6	0.4
183	10/25/2015 06:45:53	15.61	50.29	32.98	7.54	8.01	5.4	2.470	92.7	2.6	0.6
184	10/25/2015 07:00:53	15.56	50.25	32.96	7.54	8.01	5.4	2.568	92.5	2.7	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
185	10/25/2015 07:15:53	15.46	50.27	32.97	7.56	8.01	7.1	2.671	92.6	1.9	0.5
186	10/25/2015 07:30:53	15.38	50.26	32.96	7.54	8.01	7.0	2.757	92.3	2.4	0.6
187	10/25/2015 07:45:53	15.22	50.26	32.96	7.55	8.01	9.5	2.855	92.1	2.0	0.5
188	10/25/2015 08:00:53	15.13	50.26	32.95	7.57	8.02	9.0	2.957	92.2	1.9	0.5
189	10/25/2015 08:15:53	14.94	50.20	32.91	7.65	8.02	11.2	3.073	92.7	2.4	0.6
190	10/25/2015 08:30:53	14.79	50.23	32.93	7.69	8.03	11.1	3.171	92.9	2.1	0.5
191	10/25/2015 08:45:53	14.60	50.24	32.93	7.79	8.04	13.0	3.293	93.8	2.2	0.5
192	10/25/2015 09:00:53	14.35	50.27	32.94	7.91	8.05	14.1	3.401	94.8	2.9	0.7
193	10/25/2015 09:15:53	14.14	50.19	32.88	8.02	8.06	12.4	3.513	95.6	2.2	0.5
194	10/25/2015 09:30:53	14.06	50.21	32.89	8.06	8.07	12.3	3.621	96.0	2.0	0.5
195	10/25/2015 09:45:53	14.01	50.23	32.91	8.09	8.07	9.4	3.701	96.2	1.8	0.4
196	10/25/2015 10:00:53	13.87	50.23	32.90	8.17	8.08	8.2	3.801	96.9	2.2	0.5
197	10/25/2015 10:15:53	13.74	50.24	32.90	8.28	8.08	6.8	3.878	98.0	2.9	0.7
198	10/25/2015 10:30:53	14.14	50.30	32.96	8.04	8.07	6.0	3.925	95.9	1.4	0.3
199	10/25/2015 10:45:53	14.02	50.31	32.96	8.08	8.07	4.2	3.975	96.1	2.2	0.5
200	10/25/2015 11:00:53	14.00	50.23	32.90	7.98	8.06	3.2	3.995	94.9	2.4	0.6
201	10/25/2015 11:15:53	13.94	50.24	32.91	8.01	8.06	4.0	3.997	95.1	1.8	0.4
202	10/25/2015 11:30:53	13.95	50.25	32.91	8.10	8.07	5.3	3.954	96.2	1.4	0.3
203	10/25/2015 11:45:53	14.04	50.21	32.89	8.13	8.07	5.7	3.902	96.8	1.7	0.4
204	10/25/2015 12:00:53	14.08	50.25	32.92	8.17	8.08	5.6	3.809	97.3	2.1	0.5
205	10/25/2015 12:15:53	14.12	50.21	32.89	8.27	8.08	5.5	3.718	98.6	2.6	0.6
206	10/25/2015 12:30:54	14.25	50.21	32.90	8.25	8.08	5.4	3.595	98.6	1.7	0.4
207	10/25/2015 12:45:53	14.44	50.21	32.90	8.00	8.06	6.0	3.496	96.0	2.6	0.6
208	10/25/2015 13:00:53	14.62	50.23	32.92	7.95	8.06	6.3	3.366	95.8	1.9	0.5
209	10/25/2015 13:15:53	14.55	50.19	32.89	7.95	8.06	7.3	3.222	95.6	2.7	0.6
210	10/25/2015 13:30:53	14.65	50.23	32.92	7.97	8.06	7.2	3.109	96.1	2.6	0.6
211	10/25/2015 13:45:53	14.75	50.23	32.92	7.98	8.06	7.9	2.985	96.3	2.2	0.5
212	10/25/2015 14:00:53	15.01	50.22	32.93	7.96	8.05	6.3	2.866	96.6	1.8	0.4
213	10/25/2015 14:15:53	15.21	50.22	32.93	7.93	8.05	6.7	2.739	96.6	2.7	0.7
214	10/25/2015 14:30:53	15.20	50.15	32.88	8.02	8.05	6.4	2.611	97.7	2.5	0.6
215	10/25/2015 14:45:53	15.15	50.22	32.93	8.12	8.06	5.1	2.490	98.8	2.2	0.5
216	10/25/2015 15:00:53	15.28	50.20	32.91	8.20	8.07	5.9	2.368	100.1	2.1	0.5
217	10/25/2015 15:15:53	15.41	50.20	32.92	8.17	8.06	5.5	2.243	99.9	3.0	0.7
218	10/25/2015 15:30:53	15.57	50.19	32.92	8.10	8.06	6.4	2.087	99.4	2.9	0.7
219	10/25/2015 15:45:53	15.61	50.23	32.94	8.22	8.07	6.2	2.005	101.0	2.4	0.6
220	10/25/2015 16:00:53	15.66	50.23	32.94	8.29	8.07	5.0	1.892	101.9	3.1	0.7
221	10/25/2015 16:15:53	15.80	50.22	32.94	8.13	8.06	5.7	1.774	100.2	2.4	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
222	10/25/2015 16:30:53	15.81	50.23	32.95	8.08	8.05	4.5	1.689	99.7	2.3	0.5
223	10/25/2015 16:45:53	15.88	50.25	32.96	8.07	8.05	4.0	1.631	99.7	2.2	0.5
224	10/25/2015 17:00:53	15.92	50.25	32.96	8.03	8.05	4.4	1.607	99.2	2.9	0.7
225	10/25/2015 17:15:53	15.93	50.15	32.90	8.47	8.08	4.0	1.590	104.7	2.6	0.6
226	10/25/2015 17:30:53	15.92	50.22	32.94	8.17	8.05	3.9	1.616	101.0	2.1	0.5
227	10/25/2015 17:45:53	15.90	50.22	32.95	8.09	8.04	3.7	1.660	100.0	2.0	0.5
228	10/25/2015 18:00:53	16.08	50.27	32.99	8.03	8.04	3.9	1.740	99.6	3.0	0.7
229	10/25/2015 18:15:53	16.13	50.23	32.96	8.02	8.04	3.7	1.803	99.5	3.2	0.8
230	10/25/2015 18:30:53	16.10	50.24	32.96	7.98	8.03	4.7	1.907	99.0	3.0	0.7
231	10/25/2015 18:45:53	16.08	50.17	32.91	7.98	8.02	6.0	2.017	99.0	3.1	0.7
232	10/25/2015 19:00:53	15.88	50.19	32.92	8.02	8.03	5.1	2.131	99.0	2.3	0.5
233	10/25/2015 19:15:53	15.86	50.19	32.92	8.04	8.03	5.1	2.240	99.2	3.5	0.8
234	10/25/2015 19:30:53	15.89	50.24	32.96	7.95	8.03	4.9	2.337	98.2	2.2	0.5
235	10/25/2015 19:45:53	15.78	50.25	32.96	7.82	8.02	5.6	2.430	96.4	3.0	0.7
236	10/25/2015 20:00:53	15.70	50.25	32.96	7.69	8.01	5.5	2.540	94.7	1.7	0.4
237	10/25/2015 20:15:53	15.61	50.26	32.97	7.68	8.01	7.3	2.647	94.4	2.1	0.5
238	10/25/2015 20:30:53	15.50	50.24	32.95	7.70	8.01	8.4	2.747	94.4	2.8	0.7
239	10/25/2015 20:45:53	15.36	50.24	32.95	7.75	8.02	8.6	2.843	94.8	2.9	0.7
240	10/25/2015 21:00:53	15.29	50.20	32.92	7.77	8.02	9.6	2.938	94.8	3.4	0.8
241	10/25/2015 21:15:53	15.12	50.21	32.92	7.84	8.03	10.6	3.040	95.4	2.7	0.7
242	10/25/2015 21:30:53	14.90	50.21	32.91	7.92	8.03	12.6	3.138	95.9	2.8	0.7
243	10/25/2015 21:45:53	14.62	50.21	32.91	8.00	8.03	11.6	3.242	96.3	2.8	0.7
244	10/25/2015 22:00:53	14.43	50.24	32.92	8.08	8.04	11.7	3.354	96.9	2.6	0.6
245	10/25/2015 22:15:53	14.29	50.17	32.87	8.14	8.05	13.0	3.441	97.4	3.0	0.7
246	10/25/2015 22:30:53	14.20	50.18	32.87	8.17	8.06	13.2	3.528	97.5	3.2	0.8
247	10/25/2015 22:45:53	14.11	50.23	32.91	8.19	8.06	9.3	3.606	97.6	3.1	0.7
248	10/25/2015 23:00:53	14.05	50.15	32.85	8.22	8.06	6.8	3.677	97.9	2.9	0.7
249	10/25/2015 23:15:53	13.97	50.25	32.92	8.25	8.06	6.3	3.708	98.1	3.0	0.7
250	10/25/2015 23:30:53	14.03	50.24	32.91	8.15	8.06	3.8	3.732	97.0	3.2	0.8
251	10/25/2015 23:45:53	14.14	50.25	32.92	8.03	8.05	5.4	3.729	95.7	1.9	0.4
252	10/26/2015 00:00:53	14.01	50.26	32.92	8.11	8.05	5.8	3.701	96.5	1.9	0.4
253	10/26/2015 00:15:53	14.29	50.25	32.93	7.98	8.05	7.8	3.653	95.5	2.4	0.6
254	10/26/2015 00:30:53	14.32	50.26	32.94	7.97	8.05	7.6	3.575	95.4	2.5	0.6
255	10/26/2015 00:45:53	14.34	50.16	32.86	7.98	8.05	7.3	3.471	95.6	2.1	0.5
256	10/26/2015 01:00:53	14.19	50.27	32.94	8.05	8.05	5.8	3.375	96.2	1.6	0.4
257	10/26/2015 01:15:53	14.39	50.23	32.92	7.97	8.04	6.5	3.272	95.5	2.2	0.5
258	10/26/2015 01:30:53	14.66	50.26	32.94	7.81	8.03	7.7	3.155	94.2	2.3	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
259	10/26/2015 01:45:54	14.71	50.25	32.94	7.80	8.03	7.4	3.047	94.1	2.6	0.6
260	10/26/2015 02:00:53	14.99	50.20	32.91	7.67	8.02	7.8	2.941	93.1	2.6	0.6
261	10/26/2015 02:15:53	15.16	50.21	32.92	7.60	8.01	6.8	2.821	92.6	2.5	0.6
262	10/26/2015 02:30:53	15.25	50.26	32.96	7.52	8.01	6.7	2.713	91.8	2.3	0.5
263	10/26/2015 02:45:54	15.47	50.28	32.98	7.37	8.00	5.8	2.613	90.3	2.9	0.7
264	10/26/2015 03:00:53	15.36	50.24	32.94	7.45	8.00	6.3	2.488	91.1	3.2	0.8
265	10/26/2015 03:15:53	15.28	50.22	32.93	7.42	8.00	6.9	2.385	90.5	6.0	1.4
266	10/26/2015 03:30:53	15.19	50.25	32.95	7.43	8.00	6.3	2.274	90.5	2.3	0.5
267	10/26/2015 03:45:53	15.24	50.25	32.95	7.48	8.00	6.5	2.166	91.2	2.6	0.6
268	10/26/2015 04:00:53	15.22	50.26	32.96	7.47	8.00	6.7	2.072	91.1	2.5	0.6
269	10/26/2015 04:15:53	15.34	50.26	32.96	7.41	7.99	7.1	1.991	90.6	2.4	0.6
270	10/26/2015 04:30:53	15.32	50.24	32.95	7.31	7.99	5.6	1.921	89.3	3.1	0.7
271	10/26/2015 04:45:53	15.37	50.27	32.97	7.25	7.98	5.6	1.853	88.6	4.0	0.9
272	10/26/2015 05:00:53	15.42	50.24	32.95	7.20	7.98	5.6	1.815	88.2	1.8	0.4
273	10/26/2015 05:15:53	15.47	50.25	32.96	7.19	7.98	4.4	1.807	88.1	3.0	0.7
274	10/26/2015 05:30:53	15.46	50.28	32.98	7.27	7.98	4.6	1.833	89.1	2.6	0.6
275	10/26/2015 05:45:53	15.53	50.23	32.94	7.35	7.98	4.6	1.870	90.1	2.4	0.6
276	10/26/2015 06:00:53	15.66	50.27	32.97	7.37	7.99	4.8	1.917	90.6	1.7	0.4
277	10/26/2015 06:15:53	15.75	50.28	32.98	7.38	7.99	4.5	2.013	90.9	2.3	0.5
278	10/26/2015 06:30:53	15.70	50.28	32.98	7.38	7.98	5.4	2.113	90.9	1.5	0.4
279	10/26/2015 06:45:53	15.60	50.22	32.94	7.31	7.98	7.5	2.220	89.8	2.6	0.6
280	10/26/2015 07:00:53	15.47	50.23	32.94	7.34	7.98	6.7	2.332	89.9	2.3	0.5
281	10/26/2015 07:15:53	15.46	50.24	32.95	7.35	7.98	5.8	2.426	90.0	2.4	0.6
282	10/26/2015 07:30:53	15.45	50.18	32.90	7.37	7.98	6.7	2.534	90.3	2.0	0.5
283	10/26/2015 07:45:53	15.35	50.27	32.97	7.45	7.99	6.0	2.639	91.0	2.3	0.6
284	10/26/2015 08:00:54	15.26	50.28	32.97	7.49	7.99	9.0	2.741	91.4	2.3	0.5
285	10/26/2015 08:15:53	15.15	50.25	32.95	7.51	7.99	9.3	2.849	91.4	2.0	0.5
286	10/26/2015 08:30:53	15.04	50.22	32.92	7.55	8.00	11.3	2.964	91.7	2.3	0.5
287	10/26/2015 08:45:53	14.95	50.20	32.91	7.60	8.01	13.3	3.065	92.2	2.7	0.6
288	10/26/2015 09:00:53	14.71	50.27	32.95	7.71	8.01	13.7	3.182	93.0	1.9	0.4
289	10/26/2015 09:15:53	14.48	50.24	32.92	7.87	8.02	16.2	3.308	94.5	2.3	0.6
290	10/26/2015 09:30:53	14.31	50.27	32.94	7.96	8.03	15.7	3.421	95.3	3.0	0.7
291	10/26/2015 09:45:53	14.06	50.27	32.93	8.06	8.05	15.6	3.542	96.0	2.8	0.7
292	10/26/2015 10:00:53	13.93	50.29	32.95	8.10	8.05	13.9	3.668	96.2	2.9	0.7
293	10/26/2015 10:15:53	13.82	50.34	32.97	8.13	8.06	13.4	3.774	96.4	2.3	0.5
294	10/26/2015 10:30:53	13.65	50.31	32.95	8.23	8.07	11.3	3.872	97.3	2.6	0.6
295	10/26/2015 10:45:53	13.54	50.29	32.93	8.28	8.08	8.7	3.959	97.5	2.7	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
296	10/26/2015 11:00:52	13.51	50.29	32.93	8.27	8.09	6.3	4.039	97.4	2.2	0.5
297	10/26/2015 11:15:53	13.44	50.35	32.97	8.26	8.09	4.9	4.092	97.1	1.9	0.5
298	10/26/2015 11:30:53	13.78	50.33	32.97	8.12	8.08	4.0	4.115	96.2	2.4	0.6
299	10/26/2015 11:45:53	13.83	50.35	32.98	8.02	8.06	5.6	4.138	95.1	1.6	0.4
300	10/26/2015 12:00:53	13.83	50.33	32.97	8.00	8.06	5.1	4.109	94.9	1.4	0.3
301	10/26/2015 12:15:53	13.94	50.34	32.98	8.07	8.06	8.7	4.039	95.8	2.3	0.5
302	10/26/2015 12:30:53	13.86	50.34	32.98	8.15	8.07	6.0	3.968	96.7	2.1	0.5
303	10/26/2015 12:45:53	13.81	50.34	32.98	8.30	8.08	6.3	3.869	98.4	2.9	0.7
304	10/26/2015 13:00:53	13.68	50.34	32.97	8.43	8.10	5.2	3.747	99.6	2.5	0.6
305	10/26/2015 13:15:53	14.18	50.30	32.96	8.31	8.08	5.5	3.630	99.2	2.6	0.6
306	10/26/2015 13:30:53	14.39	50.25	32.93	8.09	8.06	7.0	3.512	97.0	3.3	0.8
307	10/26/2015 13:45:52	14.35	50.24	32.92	8.09	8.06	8.8	3.367	96.9	2.9	0.7
308	10/26/2015 14:00:53	14.45	50.28	32.95	8.08	8.05	9.9	3.237	97.0	2.5	0.6
309	10/26/2015 14:15:54	14.58	50.30	32.97	8.11	8.06	7.9	3.105	97.6	2.9	0.7
310	10/26/2015 14:30:53	14.67	49.50	32.39	8.17	8.06	8.6	2.971	98.2	3.0	0.7
311	10/26/2015 14:45:53	14.97	50.28	32.97	8.12	8.05	7.1	2.822	98.5	2.8	0.7
312	10/26/2015 15:00:53	15.12	50.29	32.97	8.20	8.06	7.5	2.687	99.8	2.2	0.5
313	10/26/2015 15:15:53	15.11	50.21	32.92	8.30	8.07	5.6	2.537	100.9	3.1	0.7
314	10/26/2015 15:30:53	15.19	50.26	32.96	8.45	8.07	6.8	2.394	102.9	2.5	0.6
315	10/26/2015 15:45:53	15.28	50.24	32.95	8.36	8.07	7.3	2.248	102.1	2.5	0.6
316	10/26/2015 16:00:53	15.36	50.29	32.98	8.50	8.08	5.9	2.097	103.9	2.4	0.6
317	10/26/2015 16:15:53	15.58	50.25	32.96	8.35	8.06	9.1	1.958	102.5	2.8	0.7
318	10/26/2015 16:30:53	15.65	50.05	32.81	8.29	8.06	7.1	1.828	101.9	6.3	1.5
319	10/26/2015 16:45:53	15.72	49.95	32.74	8.23	8.05	6.5	1.678	101.2	2.5	0.6
320	10/26/2015 17:00:53	15.83	49.11	32.13	8.23	8.05	6.3	1.565	101.0	2.6	0.6
321	10/26/2015 17:15:53	15.89	50.15	32.89	8.13	8.05	5.7	1.460	100.4	2.4	0.6
322	10/26/2015 17:30:53	15.93	50.30	33.00	8.12	8.04	6.0	1.374	100.4	2.8	0.7
323	10/26/2015 17:45:53	15.97	50.29	33.00	8.09	8.04	6.1	1.349	100.1	2.9	0.7
324	10/26/2015 18:00:53	15.88	50.17	32.91	8.53	8.07	10.3	1.308	105.4	2.8	0.7
325	10/26/2015 18:15:53	15.98	50.24	32.96	8.23	8.05	6.0	1.352	101.9	2.6	0.6
326	10/26/2015 18:30:53	16.02	50.19	32.92	8.12	8.04	6.1	1.422	100.5	2.7	0.6
327	10/26/2015 18:45:52	16.44	50.27	32.99	8.01	8.03	5.5	1.504	100.1	1.7	0.4
328	10/26/2015 19:00:53	16.31	50.22	32.95	8.01	8.02	6.0	1.604	99.8	3.2	0.8
329	10/26/2015 19:15:53	16.44	50.19	32.93	7.96	8.01	8.7	1.715	99.4	3.1	0.7
330	10/26/2015 19:30:53	16.29	50.20	32.94	7.98	8.00	8.1	1.835	99.4	3.5	0.8
331	10/26/2015 19:45:53	16.14	50.24	32.96	8.06	8.01	7.0	1.929	100.0	3.1	0.7
332	10/26/2015 20:00:53	16.15	50.20	32.93	8.05	8.02	6.2	2.048	100.0	2.3	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
333	10/26/2015 20:15:53	16.15	50.23	32.95	8.00	8.01	6.3	2.159	99.3	2.9	0.7
334	10/26/2015 20:30:53	16.04	50.25	32.96	7.94	8.01	6.2	2.267	98.3	3.2	0.8
335	10/26/2015 20:45:53	15.88	50.29	32.99	7.82	8.00	6.3	2.385	96.6	2.7	0.6
336	10/26/2015 21:00:53	15.85	50.30	33.00	7.78	8.00	7.1	2.490	96.1	3.0	0.7
337	10/26/2015 21:15:53	15.74	50.28	32.99	7.77	8.00	8.2	2.604	95.7	3.5	0.8
338	10/26/2015 21:30:53	15.60	50.21	32.93	7.79	8.01	9.6	2.707	95.7	3.5	0.8
339	10/26/2015 21:45:53	15.49	50.25	32.96	7.82	8.01	11.7	2.812	95.9	2.7	0.7
340	10/26/2015 22:00:53	15.30	50.25	32.95	7.89	8.01	13.5	2.931	96.3	3.0	0.7
341	10/26/2015 22:15:53	15.08	50.21	32.92	7.93	8.02	13.6	3.026	96.3	3.7	0.9
342	10/26/2015 22:30:53	14.82	50.21	32.91	7.97	8.03	13.6	3.140	96.4	2.6	0.6
343	10/26/2015 22:45:53	14.71	50.26	32.94	8.02	8.04	15.7	3.245	96.8	3.2	0.8
344	10/26/2015 23:00:53	14.55	50.29	32.96	8.12	8.05	12.9	3.357	97.6	3.4	0.8
345	10/26/2015 23:15:53	14.35	50.33	32.99	8.17	8.06	14.8	3.457	97.9	2.8	0.7
346	10/26/2015 23:30:53	14.14	50.35	33.00	8.16	8.07	9.2	3.552	97.4	2.9	0.7
347	10/26/2015 23:45:53	13.89	50.35	32.99	8.14	8.08	9.2	3.637	96.6	3.0	0.7
348	10/27/2015 00:00:53	13.83	50.38	33.01	8.11	8.08	6.0	3.696	96.2	2.5	0.6
349	10/27/2015 00:15:53	13.86	50.31	32.96	8.04	8.08	6.7	3.754	95.4	3.5	0.8
350	10/27/2015 00:30:53	14.17	50.33	32.98	7.83	8.07	5.6	3.758	93.5	2.4	0.6
351	10/27/2015 00:45:53	13.86	50.34	32.98	7.91	8.07	6.5	3.749	93.8	2.4	0.6
352	10/27/2015 01:00:53	14.15	50.33	32.98	7.89	8.06	5.7	3.721	94.2	2.4	0.6
353	10/27/2015 01:15:53	14.14	50.31	32.96	7.89	8.06	6.0	3.656	94.2	2.4	0.6
354	10/27/2015 01:30:53	14.19	50.26	32.93	8.00	8.06	7.6	3.565	95.5	2.9	0.7
355	10/27/2015 01:45:53	13.97	50.38	33.01	7.97	8.07	7.0	3.469	94.8	3.7	0.9
356	10/27/2015 02:00:53	14.13	50.41	33.04	7.97	8.06	5.7	3.364	95.2	3.1	0.7
357	10/27/2015 02:15:53	14.55	50.29	32.96	7.89	8.05	7.1	3.259	94.9	2.6	0.6
358	10/27/2015 02:30:53	14.67	50.29	32.97	7.85	8.04	8.7	3.139	94.6	2.2	0.5
359	10/27/2015 02:45:53	14.80	50.36	33.02	7.80	8.03	8.7	3.022	94.3	6.1	1.5
360	10/27/2015 03:00:53	14.96	50.30	32.98	7.72	8.02	8.1	2.911	93.7	5.1	1.2
361	10/27/2015 03:15:53	15.19	50.34	33.02	7.54	8.01	7.1	2.802	91.8	2.9	0.7
362	10/27/2015 03:30:53	15.16	50.33	33.01	7.56	8.01	7.9	2.689	92.0	5.8	1.4
363	10/27/2015 03:45:53	15.23	50.28	32.98	7.55	8.01	7.0	2.578	92.0	3.4	0.8
364	10/27/2015 04:00:53	15.20	50.29	32.98	7.42	8.00	6.7	2.476	90.5	3.0	0.7
365	10/27/2015 04:15:53	15.08	50.32	33.00	7.55	8.00	6.9	2.362	91.9	2.7	0.6
366	10/27/2015 04:30:53	15.16	50.33	33.01	7.55	8.00	7.1	2.258	92.0	2.8	0.7
367	10/27/2015 04:45:53	15.27	50.31	32.99	7.56	8.00	7.4	2.167	92.2	2.3	0.5
368	10/27/2015 05:00:53	15.33	50.28	32.97	7.52	8.00	7.0	2.082	91.9	4.2	1.0
369	10/27/2015 05:15:53	15.37	50.32	33.00	7.38	7.99	6.9	2.005	90.2	2.9	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
370	10/27/2015 05:30:53	15.35	50.30	32.99	7.25	7.98	6.2	1.933	88.6	1.9	0.5
371	10/27/2015 05:45:53	15.38	50.30	32.99	7.24	7.98	5.7	1.911	88.6	2.3	0.5
372	10/27/2015 06:00:53	15.49	50.27	32.97	7.22	7.98	4.6	1.904	88.5	2.7	0.6
373	10/27/2015 06:15:53	15.47	50.29	32.99	7.29	7.98	5.1	1.893	89.3	2.4	0.6
374	10/27/2015 06:30:53	15.65	50.27	32.98	7.33	7.99	4.6	1.936	90.2	1.8	0.4
375	10/27/2015 06:45:53	15.73	50.32	33.01	7.37	7.98	5.1	1.996	90.8	2.0	0.5
376	10/27/2015 07:00:53	15.79	50.29	32.99	7.37	7.98	5.1	2.074	90.9	1.8	0.4
377	10/27/2015 07:15:53	15.73	50.30	33.00	7.39	7.98	6.3	2.185	91.0	2.2	0.5
378	10/27/2015 07:30:53	15.56	50.21	32.93	7.38	7.97	6.7	2.277	90.6	2.4	0.6
379	10/27/2015 07:45:53	15.45	50.26	32.97	7.39	7.98	7.2	2.394	90.5	2.1	0.5
380	10/27/2015 08:00:53	15.45	50.28	32.98	7.38	7.98	6.6	2.498	90.5	2.1	0.5
381	10/27/2015 08:15:53	15.37	50.31	33.00	7.43	7.98	6.8	2.597	90.9	2.3	0.6
382	10/27/2015 08:30:53	15.22	50.28	32.97	7.52	7.99	7.0	2.711	91.7	1.9	0.4
383	10/27/2015 08:45:53	15.12	50.29	32.98	7.54	8.00	8.9	2.808	91.8	2.2	0.5
384	10/27/2015 09:00:53	14.97	50.24	32.94	7.58	8.00	9.4	2.919	91.9	2.9	0.7
385	10/27/2015 09:15:53	14.89	50.32	33.00	7.61	8.01	12.0	3.032	92.1	2.1	0.5
386	10/27/2015 09:30:53	14.70	50.30	32.97	7.65	8.01	9.6	3.156	92.3	2.4	0.6
387	10/27/2015 09:45:53	14.46	50.34	32.99	7.69	8.02	12.4	3.271	92.4	2.5	0.6
388	10/27/2015 10:00:53	14.21	50.31	32.97	7.73	8.04	12.6	3.396	92.4	2.4	0.6
389	10/27/2015 10:15:53	13.97	50.33	32.98	7.77	8.05	12.9	3.529	92.4	1.9	0.4
390	10/27/2015 10:30:53	13.81	50.38	33.01	7.77	8.06	13.7	3.650	92.1	2.7	0.6
391	10/27/2015 10:45:53	13.70	50.32	32.96	7.76	8.07	11.8	3.768	91.8	2.7	0.6
392	10/27/2015 11:00:53	13.58	50.39	33.01	7.76	8.07	8.7	3.883	91.6	2.3	0.6
393	10/27/2015 11:15:53	13.44	50.37	32.99	7.75	8.07	8.0	3.976	91.1	2.4	0.6
394	10/27/2015 11:30:53	13.33	50.42	33.02	7.73	8.08	5.4	4.064	90.7	2.3	0.5
395	10/27/2015 11:45:53	13.24	50.38	32.99	7.69	8.08	4.6	4.140	90.1	2.5	0.6
396	10/27/2015 12:00:53	13.22	50.37	32.98	7.64	8.08	4.1	4.178	89.4	2.3	0.5
397	10/27/2015 12:15:53	13.34	50.38	32.99	7.61	8.08	3.2	4.218	89.4	3.0	0.7
398	10/27/2015 12:30:53	13.64	50.45	33.05	7.60	8.07	3.4	4.213	89.8	1.6	0.4
399	10/27/2015 12:45:53	13.69	50.34	32.97	7.60	8.06	5.0	4.183	89.8	2.9	0.7
400	10/27/2015 13:00:53	13.52	50.43	33.03	7.65	8.07	5.5	4.122	90.1	1.9	0.4
401	10/27/2015 13:15:53	13.66	50.36	32.98	7.70	8.07	4.6	4.032	90.9	2.0	0.5
402	10/27/2015 13:30:53	13.58	50.40	33.01	7.79	8.08	5.1	3.929	91.9	1.7	0.4
403	10/27/2015 13:45:53	13.52	50.39	33.00	7.82	8.09	4.5	3.798	92.2	1.8	0.4
404	10/27/2015 14:00:53	13.96	50.35	32.99	7.89	8.08	5.8	3.662	93.8	2.0	0.5
405	10/27/2015 14:15:53	14.12	50.34	32.99	7.82	8.07	8.7	3.532	93.2	3.1	0.7
406	10/27/2015 14:30:53	14.23	50.32	32.98	7.81	8.06	8.3	3.400	93.3	3.0	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
407	10/27/2015 14:45:53	14.25	50.21	32.90	7.85	8.06	8.7	3.245	93.9	12.6	3.0
408	10/27/2015 15:00:53	14.28	50.25	32.93	7.89	8.07	8.0	3.120	94.4	3.4	0.8
409	10/27/2015 15:15:53	14.46	50.33	32.99	7.91	8.06	7.3	2.962	95.0	2.9	0.7
410	10/27/2015 15:30:53	14.67	50.23	32.92	7.91	8.06	7.0	2.813	95.3	2.8	0.7
411	10/27/2015 15:45:53	14.90	50.33	33.00	7.88	8.05	7.6	2.657	95.4	2.7	0.6
412	10/27/2015 16:00:53	14.59	50.29	32.96	7.93	8.06	6.5	2.524	95.5	2.3	0.5
413	10/27/2015 16:15:53	15.21	50.28	32.97	7.79	8.04	9.0	2.356	95.0	2.3	0.5
414	10/27/2015 16:30:53	15.25	50.28	32.97	7.79	8.03	9.5	2.197	95.1	3.4	0.8
415	10/27/2015 16:45:53	15.16	50.29	32.98	7.82	8.03	7.6	2.049	95.2	2.3	0.6
416	10/27/2015 17:00:53	15.24	50.21	32.92	7.83	8.03	9.0	1.899	95.5	3.3	0.8
417	10/27/2015 17:15:53	15.25	50.25	32.95	7.82	8.02	8.3	1.746	95.3	2.4	0.6
418	10/27/2015 17:30:53	15.39	50.22	32.93	7.77	8.02	7.8	1.598	95.0	2.9	0.7
419	10/27/2015 17:45:53	15.45	50.19	32.91	7.72	8.02	7.8	1.462	94.6	2.7	0.6
420	10/27/2015 18:00:53	15.56	50.24	32.95	7.67	8.01	8.5	1.341	94.1	3.4	0.8
421	10/27/2015 18:15:53	15.57	50.28	32.98	7.63	8.01	6.8	1.249	93.6	2.5	0.6
422	10/27/2015 18:30:53	15.68	50.27	32.98	7.54	8.00	7.0	1.191	92.8	2.6	0.6
423	10/27/2015 18:45:53	15.65	50.20	32.92	7.58	8.00	7.3	1.173	93.2	3.1	0.7
424	10/27/2015 19:00:53	15.68	50.26	32.97	7.61	7.99	8.4	1.214	93.7	2.8	0.7
425	10/27/2015 19:15:53	15.79	50.28	32.98	7.57	7.99	8.4	1.288	93.3	3.0	0.7
426	10/27/2015 19:30:53	16.11	50.18	32.92	7.49	7.98	6.6	1.386	92.9	3.5	0.8
427	10/27/2015 19:45:52	16.07	50.26	32.97	7.50	7.98	7.2	1.502	93.0	2.7	0.6
428	10/27/2015 20:00:53	16.03	50.24	32.96	7.49	7.97	7.8	1.602	92.8	3.2	0.8
429	10/27/2015 20:15:53	16.00	50.21	32.94	7.48	7.96	8.0	1.714	92.6	3.3	0.8
430	10/27/2015 20:30:53	15.82	50.17	32.91	7.53	7.97	7.6	1.812	92.8	3.0	0.7
431	10/27/2015 20:45:53	15.77	50.20	32.92	7.55	7.97	6.5	1.922	93.0	3.1	0.7
432	10/27/2015 21:00:53	15.79	50.15	32.89	7.55	7.97	6.4	2.042	93.0	3.3	0.8
433	10/27/2015 21:15:53	15.81	50.25	32.96	7.53	7.97	6.6	2.140	92.9	3.4	0.8
434	10/27/2015 21:30:53	15.70	50.18	32.91	7.57	7.98	6.5	2.267	93.2	2.0	0.5
435	10/27/2015 21:45:53	15.60	50.18	32.91	7.61	7.99	7.3	2.384	93.4	2.6	0.6
436	10/27/2015 22:00:53	15.58	50.25	32.96	7.62	7.99	8.2	2.498	93.5	2.9	0.7
437	10/27/2015 22:15:53	15.47	50.23	32.94	7.62	7.99	8.9	2.613	93.4	3.2	0.8
438	10/27/2015 22:30:53	15.37	50.20	32.92	7.63	8.00	11.8	2.726	93.2	2.7	0.6
439	10/27/2015 22:45:53	15.17	50.23	32.93	7.66	8.00	15.1	2.851	93.3	3.5	0.8
440	10/27/2015 23:00:53	14.97	50.16	32.88	7.70	8.01	12.8	2.954	93.3	3.0	0.7
441	10/27/2015 23:15:53	14.67	50.26	32.95	7.70	8.02	14.9	3.063	92.9	3.1	0.7
442	10/27/2015 23:30:53	14.46	50.30	32.97	7.73	8.03	14.5	3.184	92.8	3.0	0.7
443	10/27/2015 23:45:53	14.33	50.23	32.91	7.74	8.04	12.9	3.293	92.7	2.4	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
444	10/28/2015 00:00:53	14.16	50.29	32.95	7.76	8.04	13.3	3.396	92.6	3.2	0.8
445	10/28/2015 00:15:53	13.94	50.32	32.96	7.82	8.06	10.9	3.498	92.9	3.3	0.8
446	10/28/2015 00:30:53	13.78	50.35	32.98	7.89	8.07	9.6	3.598	93.4	3.3	0.8
447	10/28/2015 00:45:53	13.65	50.33	32.96	7.91	8.08	7.2	3.679	93.4	2.6	0.6
448	10/28/2015 01:00:53	13.61	50.30	32.94	7.89	8.08	5.3	3.744	93.1	3.6	0.8
449	10/28/2015 01:15:53	13.60	50.36	32.99	7.82	8.08	3.6	3.789	92.3	2.8	0.7
450	10/28/2015 01:30:53	13.98	50.34	32.98	7.68	8.06	5.0	3.808	91.3	3.1	0.7
451	10/28/2015 01:45:53	13.85	50.25	32.91	7.69	8.06	4.0	3.794	91.2	2.7	0.7
452	10/28/2015 02:00:53	13.83	50.35	32.99	7.71	8.06	6.1	3.765	91.5	2.8	0.7
453	10/28/2015 02:15:53	13.78	50.24	32.90	7.74	8.07	6.1	3.677	91.6	1.9	0.5
454	10/28/2015 02:30:53	13.81	50.20	32.88	7.78	8.07	6.7	3.606	92.1	2.6	0.6
455	10/28/2015 02:45:53	13.68	50.21	32.88	7.86	8.07	5.8	3.496	92.8	3.8	0.9
456	10/28/2015 03:00:53	13.87	50.21	32.89	7.79	8.07	6.5	3.390	92.4	2.6	0.6
457	10/28/2015 03:15:53	14.32	50.13	32.84	7.65	8.04	8.4	3.269	91.6	2.9	0.7
458	10/28/2015 03:30:53	14.34	50.15	32.86	7.65	8.04	8.5	3.174	91.6	2.3	0.5
459	10/28/2015 03:45:53	14.41	50.13	32.85	7.62	8.04	7.1	3.076	91.3	2.7	0.6
460	10/28/2015 04:00:53	14.52	50.08	32.81	7.59	8.03	7.6	2.965	91.1	2.4	0.6
461	10/28/2015 04:15:53	14.65	50.05	32.79	7.55	8.02	6.8	2.845	90.9	2.2	0.5
462	10/28/2015 04:30:53	14.99	50.00	32.76	7.41	8.00	7.2	2.758	89.8	2.4	0.6
463	10/28/2015 04:45:53	15.05	49.86	32.66	7.34	7.99	7.0	2.642	89.0	2.4	0.6
464	10/28/2015 05:00:53	15.08	49.96	32.74	7.38	7.99	7.5	2.543	89.6	2.3	0.6
465	10/28/2015 05:15:53	15.01	49.90	32.69	7.41	7.99	7.0	2.456	89.9	2.1	0.5
466	10/28/2015 05:30:53	15.08	49.90	32.69	7.38	7.99	6.7	2.347	89.6	2.8	0.7
467	10/28/2015 05:45:53	15.09	49.94	32.72	7.38	7.99	6.4	2.275	89.6	1.9	0.4
468	10/28/2015 06:00:53	15.12	49.91	32.70	7.36	7.98	6.7	2.233	89.4	3.0	0.7
469	10/28/2015 06:15:53	15.10	49.83	32.64	7.28	7.98	6.6	2.171	88.4	2.3	0.6
470	10/28/2015 06:30:53	15.22	49.89	32.69	7.26	7.97	5.7	2.091	88.3	1.7	0.4
471	10/28/2015 06:45:53	15.27	49.88	32.68	7.26	7.97	5.1	2.057	88.4	1.8	0.4
472	10/28/2015 07:00:53	15.33	49.90	32.69	7.18	7.96	5.8	2.071	87.6	2.2	0.5
473	10/28/2015 07:15:53	15.41	49.77	32.60	7.22	7.96	5.4	2.082	88.1	1.7	0.4
474	10/28/2015 07:30:53	15.29	49.87	32.67	7.25	7.97	5.5	2.117	88.4	2.8	0.7
475	10/28/2015 07:45:53	15.58	49.86	32.67	7.18	7.95	5.9	2.178	88.1	1.9	0.5
476	10/28/2015 08:00:53	15.43	49.84	32.66	7.23	7.96	5.9	2.245	88.4	2.5	0.6
477	10/28/2015 08:15:53	15.40	49.50	32.41	7.16	7.94	10.0	2.365	87.3	3.2	0.8
478	10/28/2015 08:30:53	15.25	49.72	32.56	7.23	7.96	7.8	2.486	88.0	2.2	0.5
479	10/28/2015 08:45:53	15.20	49.80	32.62	7.26	7.96	7.2	2.600	88.2	1.8	0.4
480	10/28/2015 09:00:53	15.11	49.79	32.61	7.33	7.97	8.5	2.688	88.9	3.0	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
481	10/28/2015 09:15:53	15.00	49.94	32.72	7.43	7.99	7.7	2.807	90.1	2.2	0.5
482	10/28/2015 09:30:53	14.93	49.91	32.70	7.47	8.00	8.4	2.917	90.4	2.4	0.6
483	10/28/2015 09:45:53	14.83	50.00	32.76	7.48	8.00	9.4	3.011	90.4	2.6	0.6
484	10/28/2015 10:00:53	14.65	50.06	32.80	7.51	8.01	10.6	3.129	90.5	2.3	0.6
485	10/28/2015 10:15:54	14.59	50.07	32.80	7.53	8.01	10.6	3.244	90.5	2.1	0.5
486	10/28/2015 10:30:53	14.36	49.98	32.73	7.58	8.02	9.8	3.351	90.7	2.3	0.5
487	10/28/2015 10:45:53	14.14	50.07	32.79	7.62	8.03	12.9	3.472	90.9	1.7	0.4
488	10/28/2015 11:00:53	13.89	50.09	32.80	7.74	8.05	9.9	3.582	91.8	2.6	0.6
489	10/28/2015 11:15:53	13.75	50.16	32.84	7.79	8.06	9.5	3.722	92.2	2.1	0.5
490	10/28/2015 11:30:53	13.69	50.18	32.85	7.95	8.06	10.4	3.812	93.9	2.4	0.6
491	10/28/2015 11:45:53	13.66	50.14	32.82	8.05	8.08	6.7	3.932	95.0	2.7	0.6
492	10/28/2015 12:00:53	13.64	50.14	32.83	8.20	8.09	7.2	4.015	96.8	2.4	0.6
493	10/28/2015 12:15:53	13.62	50.24	32.90	8.29	8.10	5.1	4.108	97.9	3.0	0.7
494	10/28/2015 12:30:53	13.67	50.24	32.90	8.33	8.10	4.5	4.164	98.4	3.1	0.8
495	10/28/2015 12:45:53	13.67	50.15	32.84	8.34	8.10	4.2	4.217	98.4	2.1	0.5
496	10/28/2015 13:00:53	13.69	50.11	32.81	8.28	8.10	4.0	4.263	97.8	1.4	0.3
497	10/28/2015 13:15:53	13.87	50.27	32.93	8.22	8.09	3.6	4.252	97.5	2.2	0.5
498	10/28/2015 13:30:54	13.97	50.16	32.85	8.06	8.08	3.5	4.229	95.8	2.1	0.5
499	10/28/2015 13:45:53	14.15	50.09	32.81	8.09	8.08	5.4	4.159	96.5	2.6	0.6
500	10/28/2015 14:00:53	14.00	50.16	32.85	8.19	8.08	4.2	4.090	97.4	1.9	0.5
501	10/28/2015 14:15:53	13.96	50.17	32.86	8.35	8.09	5.6	3.962	99.1	2.5	0.6
502	10/28/2015 14:30:53	14.08	50.11	32.82	8.51	8.11	4.9	3.869	101.3	2.2	0.5
503	10/28/2015 14:45:53	14.27	50.17	32.87	8.35	8.09	5.7	3.722	99.8	2.6	0.6
504	10/28/2015 15:00:53	14.35	50.09	32.81	8.10	8.07	9.0	3.575	96.9	3.0	0.7
505	10/28/2015 15:15:53	14.36	50.05	32.78	8.07	8.07	9.0	3.420	96.5	2.6	0.6
506	10/28/2015 15:30:53	14.49	50.09	32.81	8.00	8.06	9.5	3.308	96.1	2.2	0.5
507	10/28/2015 15:45:53	14.58	50.04	32.78	8.06	8.06	7.3	3.139	96.9	2.3	0.5
508	10/28/2015 16:00:53	14.69	50.09	32.82	8.04	8.06	7.5	2.976	96.9	2.9	0.7
509	10/28/2015 16:15:53	14.88	49.98	32.74	8.00	8.06	7.9	2.851	96.7	2.5	0.6
510	10/28/2015 16:30:53	14.91	49.92	32.70	8.15	8.06	7.4	2.687	98.5	2.8	0.7
511	10/28/2015 16:45:53	15.05	49.89	32.69	8.10	8.06	8.2	2.515	98.2	2.4	0.6
512	10/28/2015 17:00:53	15.04	49.98	32.75	8.17	8.06	6.6	2.360	99.1	2.5	0.6
513	10/28/2015 17:15:53	15.07	50.01	32.77	8.15	8.06	8.8	2.210	99.0	1.8	0.4
514	10/28/2015 17:30:53	15.40	49.94	32.73	8.09	8.05	8.7	2.045	98.8	2.7	0.6
515	10/28/2015 17:45:53	15.51	49.93	32.72	7.98	8.03	9.1	1.884	97.7	2.4	0.6
516	10/28/2015 18:00:53	15.63	49.96	32.75	7.94	8.02	9.2	1.718	97.4	2.9	0.7
517	10/28/2015 18:15:53	15.63	49.86	32.68	7.92	8.02	8.7	1.579	97.1	2.7	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
518	10/28/2015 18:30:53	15.78	49.94	32.74	7.82	8.01	9.3	1.423	96.3	2.6	0.6
519	10/28/2015 18:45:53	15.82	49.95	32.74	7.80	8.00	9.7	1.286	96.1	2.8	0.7
520	10/28/2015 19:00:53	15.91	49.91	32.72	7.77	8.00	8.7	1.173	95.8	3.6	0.9
521	10/28/2015 19:15:53	16.00	49.94	32.74	7.69	7.99	7.6	1.135	95.1	2.0	0.5
522	10/28/2015 19:30:53	15.97	49.91	32.72	7.72	7.99	8.1	1.096	95.4	2.6	0.6
523	10/28/2015 19:45:53	16.06	49.87	32.69	7.75	7.99	6.9	1.110	95.9	2.9	0.7
524	10/28/2015 20:00:52	16.40	49.79	32.64	7.75	7.98	6.5	1.201	96.5	3.1	0.7
525	10/28/2015 20:15:53	16.42	49.79	32.64	7.74	7.98	6.5	1.295	96.4	2.8	0.7
526	10/28/2015 20:30:53	16.51	49.82	32.66	7.75	7.97	8.2	1.411	96.8	2.1	0.5
527	10/28/2015 20:45:53	16.48	49.53	32.45	7.77	7.96	9.0	1.519	96.8	3.4	0.8
528	10/28/2015 21:00:53	16.50	49.36	32.32	7.77	7.94	8.7	1.610	96.7	3.7	0.9
529	10/28/2015 21:15:53	16.43	49.36	32.32	7.78	7.95	8.6	1.706	96.7	3.3	0.8
530	10/28/2015 21:30:53	16.23	49.54	32.45	7.79	7.97	8.2	1.802	96.6	2.9	0.7
531	10/28/2015 21:45:53	16.18	49.72	32.58	7.79	7.97	6.8	1.913	96.5	2.6	0.6
532	10/28/2015 22:00:53	16.16	49.69	32.56	7.81	7.97	7.3	2.022	96.8	3.0	0.7
533	10/28/2015 22:15:53	16.01	49.72	32.58	7.80	7.98	7.9	2.143	96.4	2.3	0.5
534	10/28/2015 22:30:53	15.95	49.80	32.63	7.80	7.98	7.1	2.256	96.3	3.0	0.7
535	10/28/2015 22:45:53	15.91	49.77	32.61	7.85	7.99	8.0	2.385	96.8	3.0	0.7
536	10/28/2015 23:00:53	15.82	49.89	32.70	7.82	7.99	9.2	2.502	96.3	2.9	0.7
537	10/28/2015 23:15:53	15.65	49.81	32.64	7.82	8.00	9.7	2.623	96.0	3.3	0.8
538	10/28/2015 23:30:53	15.59	49.91	32.71	7.79	7.99	12.6	2.746	95.6	1.8	0.4
539	10/28/2015 23:45:53	15.47	49.84	32.66	7.81	8.00	15.0	2.856	95.5	3.7	0.9
540	10/29/2015 00:00:53	15.20	49.91	32.70	7.90	8.01	15.1	2.958	96.1	2.8	0.7
541	10/29/2015 00:15:53	14.91	49.99	32.75	8.09	8.02	16.9	3.060	97.9	3.1	0.7
542	10/29/2015 00:30:53	14.78	50.03	32.78	8.11	8.03	14.4	3.167	97.9	3.3	0.8
543	10/29/2015 00:45:53	14.70	50.04	32.78	8.18	8.04	15.6	3.266	98.6	2.4	0.6
544	10/29/2015 01:00:53	14.59	50.06	32.80	8.26	8.05	12.5	3.375	99.3	3.3	0.8
545	10/29/2015 01:15:53	14.41	50.12	32.84	8.35	8.07	15.2	3.470	100.1	3.0	0.7
546	10/29/2015 01:30:53	14.29	50.08	32.80	8.42	8.09	11.9	3.553	100.7	4.2	1.0
547	10/29/2015 01:45:53	14.23	50.11	32.82	8.46	8.10	8.5	3.633	101.0	3.1	0.7
548	10/29/2015 02:00:53	14.21	50.09	32.80	8.43	8.10	6.2	3.670	100.6	3.7	0.9
549	10/29/2015 02:15:53	14.41	50.03	32.77	8.21	8.08	5.1	3.721	98.4	3.3	0.8
550	10/29/2015 02:30:53	14.47	50.04	32.78	8.05	8.06	4.6	3.721	96.6	2.2	0.5
551	10/29/2015 02:45:53	14.35	50.10	32.82	8.11	8.07	4.9	3.718	97.1	3.0	0.7
552	10/29/2015 03:00:54	14.38	50.15	32.86	8.14	8.07	6.0	3.656	97.5	2.9	0.7
553	10/29/2015 03:15:54	14.46	50.09	32.81	8.13	8.07	6.9	3.581	97.6	2.1	0.5
554	10/29/2015 03:30:53	14.37	50.14	32.84	8.26	8.07	7.8	3.498	98.9	2.6	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
555	10/29/2015 03:45:53	14.21	50.15	32.85	8.35	8.09	6.3	3.383	99.7	3.2	0.8
556	10/29/2015 04:00:53	14.35	50.10	32.82	8.26	8.07	6.6	3.285	98.9	2.5	0.6
557	10/29/2015 04:15:53	14.59	50.08	32.81	8.03	8.05	7.7	3.176	96.6	2.3	0.5
558	10/29/2015 04:30:53	14.76	50.03	32.78	7.87	8.03	7.9	3.077	94.9	2.5	0.6
559	10/29/2015 04:45:53	14.88	50.01	32.77	7.76	8.02	7.3	2.984	93.9	2.1	0.5
560	10/29/2015 05:00:53	15.01	49.86	32.66	7.58	8.00	7.0	2.867	91.8	2.5	0.6
561	10/29/2015 05:15:53	15.02	49.94	32.72	7.60	8.00	7.7	2.770	92.2	2.5	0.6
562	10/29/2015 05:30:53	15.09	49.86	32.66	7.50	7.99	7.4	2.670	91.0	1.8	0.4
563	10/29/2015 05:45:53	15.14	49.92	32.71	7.39	7.98	7.0	2.587	89.8	2.1	0.5
564	10/29/2015 06:00:53	15.13	49.91	32.70	7.56	7.99	6.8	2.509	91.8	2.3	0.5
565	10/29/2015 06:15:53	15.18	49.91	32.70	7.59	7.99	6.4	2.406	92.3	2.9	0.7
566	10/29/2015 06:30:53	15.21	49.85	32.66	7.58	7.99	6.8	2.337	92.3	2.1	0.5
567	10/29/2015 06:45:53	15.05	49.89	32.68	7.50	7.98	7.3	2.280	91.0	2.3	0.5
568	10/29/2015 07:00:53	15.15	49.85	32.66	7.48	7.98	6.3	2.212	90.9	2.2	0.5
569	10/29/2015 07:15:53	15.24	49.86	32.67	7.45	7.98	5.7	2.178	90.6	2.5	0.6
570	10/29/2015 07:30:53	15.21	49.94	32.72	7.35	7.96	5.2	2.141	89.5	2.5	0.6
571	10/29/2015 07:45:53	15.33	49.63	32.50	7.37	7.96	5.4	2.171	89.7	1.3	0.3
572	10/29/2015 08:00:53	15.27	49.67	32.53	7.42	7.96	5.1	2.180	90.3	1.8	0.4
573	10/29/2015 08:15:53	15.32	49.65	32.51	7.45	7.97	5.2	2.205	90.7	1.7	0.4
574	10/29/2015 08:30:53	15.47	49.56	32.45	7.44	7.97	5.2	2.285	90.9	1.7	0.4
575	10/29/2015 08:45:53	15.41	49.65	32.51	7.46	7.97	6.0	2.362	91.1	1.9	0.5
576	10/29/2015 09:00:53	15.26	49.62	32.49	7.39	7.95	8.5	2.451	89.9	2.1	0.5
577	10/29/2015 09:15:53	15.13	49.69	32.54	7.44	7.96	6.5	2.552	90.3	1.9	0.5
578	10/29/2015 09:30:53	15.10	49.70	32.54	7.47	7.97	6.0	2.653	90.6	2.2	0.5
579	10/29/2015 09:45:53	15.10	49.63	32.50	7.50	7.98	6.4	2.746	90.9	2.1	0.5
580	10/29/2015 10:00:53	14.97	49.78	32.60	7.71	8.00	6.7	2.846	93.3	1.8	0.4
581	10/29/2015 10:15:54	14.93	49.80	32.61	7.80	8.01	6.9	2.931	94.4	2.2	0.5
582	10/29/2015 10:30:54	14.89	49.77	32.59	7.83	8.01	7.4	3.031	94.7	2.0	0.5
583	10/29/2015 10:45:53	14.79	49.85	32.65	7.91	8.02	8.7	3.133	95.4	2.7	0.7
584	10/29/2015 11:00:53	14.70	49.85	32.65	7.97	8.03	9.1	3.234	96.0	2.1	0.5
585	10/29/2015 11:15:53	14.62	49.76	32.58	8.05	8.05	9.5	3.345	96.8	2.0	0.5
586	10/29/2015 11:30:53	14.43	49.91	32.68	8.17	8.06	11.2	3.454	97.8	2.4	0.6
587	10/29/2015 11:45:53	14.33	49.93	32.70	8.29	8.08	12.0	3.568	99.1	2.6	0.6
588	10/29/2015 12:00:53	14.23	49.96	32.71	8.41	8.09	11.0	3.680	100.3	3.1	0.7
589	10/29/2015 12:15:53	14.16	49.98	32.73	8.43	8.10	11.6	3.788	100.4	2.9	0.7
590	10/29/2015 12:30:53	14.12	49.95	32.70	8.47	8.10	9.8	3.870	100.8	3.4	0.8
591	10/29/2015 12:45:53	14.11	49.92	32.68	8.48	8.11	9.6	3.968	101.0	3.1	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
592	10/29/2015 13:00:53	14.11	50.03	32.76	8.48	8.11	6.6	4.044	101.0	3.2	0.8
593	10/29/2015 13:15:53	14.10	50.00	32.73	8.50	8.11	4.3	4.110	101.2	3.3	0.8
594	10/29/2015 13:30:53	14.11	50.04	32.77	8.50	8.11	4.9	4.148	101.2	2.6	0.6
595	10/29/2015 13:45:53	14.22	49.93	32.69	8.45	8.11	3.4	4.170	100.9	1.9	0.4
596	10/29/2015 14:00:53	14.20	50.01	32.75	8.40	8.10	3.7	4.171	100.2	1.7	0.4
597	10/29/2015 14:15:53	14.26	49.97	32.72	8.36	8.10	4.0	4.138	99.8	1.7	0.4
598	10/29/2015 14:30:53	14.20	50.00	32.74	8.40	8.10	5.6	4.077	100.2	1.5	0.4
599	10/29/2015 14:45:53	14.37	49.97	32.73	8.44	8.10	5.7	3.988	101.0	1.9	0.4
600	10/29/2015 15:00:53	14.38	50.02	32.76	8.61	8.11	6.4	3.881	103.1	2.5	0.6
601	10/29/2015 15:15:53	14.40	49.98	32.73	8.68	8.12	5.5	3.754	103.9	2.1	0.5
602	10/29/2015 15:30:53	14.65	49.90	32.68	8.61	8.10	9.0	3.631	103.6	3.3	0.8
603	10/29/2015 15:45:53	14.60	49.95	32.71	8.51	8.09	10.6	3.507	102.3	2.9	0.7
604	10/29/2015 16:00:53	14.64	49.93	32.70	8.49	8.09	11.2	3.360	102.2	3.9	0.9
605	10/29/2015 16:15:54	14.76	49.95	32.72	8.48	8.09	11.6	3.222	102.3	2.9	0.7
606	10/29/2015 16:30:53	14.84	49.86	32.65	8.51	8.09	8.3	3.086	102.8	3.2	0.8
607	10/29/2015 16:45:53	14.94	49.89	32.68	8.49	8.08	9.1	2.937	102.8	2.5	0.6
608	10/29/2015 17:00:53	15.20	49.78	32.60	8.43	8.06	9.3	2.781	102.5	2.7	0.6
609	10/29/2015 17:15:53	15.20	49.77	32.60	8.42	8.07	9.5	2.639	102.3	2.1	0.5
610	10/29/2015 17:30:53	15.14	49.77	32.60	8.44	8.07	8.9	2.482	102.5	3.2	0.8
611	10/29/2015 17:45:53	15.18	49.80	32.62	8.41	8.07	9.6	2.326	102.3	2.4	0.6
612	10/29/2015 18:00:53	15.28	49.83	32.65	8.36	8.06	10.4	2.159	101.9	2.6	0.6
613	10/29/2015 18:15:53	15.41	49.73	32.57	8.22	8.04	12.1	2.007	100.3	2.8	0.7
614	10/29/2015 18:30:53	15.48	49.67	32.53	8.15	8.03	12.9	1.841	99.6	3.2	0.8
615	10/29/2015 18:45:53	15.55	49.75	32.59	8.08	8.02	12.2	1.680	99.0	2.7	0.6
616	10/29/2015 19:00:53	15.61	49.65	32.52	8.02	8.02	12.5	1.541	98.3	3.8	0.9
617	10/29/2015 19:15:53	15.61	49.74	32.59	7.97	8.01	12.3	1.384	97.7	2.7	0.6
618	10/29/2015 19:30:53	15.65	49.70	32.56	7.91	8.00	11.4	1.249	97.0	2.0	0.5
619	10/29/2015 19:45:53	15.70	49.65	32.52	7.86	8.00	9.9	1.148	96.5	3.1	0.7
620	10/29/2015 20:00:53	15.77	49.69	32.55	7.79	7.99	9.6	1.063	95.7	2.3	0.6
621	10/29/2015 20:15:53	15.59	49.69	32.55	7.86	7.99	8.5	1.057	96.3	3.1	0.7
622	10/29/2015 20:30:53	15.92	49.70	32.56	7.86	7.99	8.9	1.094	96.9	2.7	0.6
623	10/29/2015 20:45:53	15.87	49.64	32.51	7.86	7.99	7.6	1.196	96.8	3.1	0.7
624	10/29/2015 21:00:53	16.19	49.61	32.50	7.86	7.98	8.9	1.298	97.4	3.2	0.8
625	10/29/2015 21:15:53	16.16	49.65	32.53	7.88	7.98	9.0	1.403	97.6	2.9	0.7
626	10/29/2015 21:30:53	16.03	49.42	32.36	7.93	7.96	10.0	1.496	97.9	3.6	0.9
627	10/29/2015 21:45:53	16.00	49.24	32.23	7.96	7.95	10.1	1.583	98.1	2.6	0.6
628	10/29/2015 22:00:53	16.01	49.34	32.30	7.95	7.96	10.2	1.679	98.1	3.5	0.8

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
629	10/29/2015 22:15:52	15.92	49.44	32.37	7.95	7.97	8.7	1.788	97.9	3.1	0.7
630	10/29/2015 22:30:53	15.86	49.50	32.42	7.95	7.98	7.6	1.871	97.8	3.0	0.7
631	10/29/2015 22:45:53	15.89	49.50	32.42	7.95	7.98	7.6	1.983	97.9	3.4	0.8
632	10/29/2015 23:00:53	15.87	49.55	32.45	7.98	7.98	8.2	2.094	98.2	3.0	0.7
633	10/29/2015 23:15:53	15.81	49.63	32.51	7.99	7.99	8.5	2.216	98.3	3.1	0.7
634	10/29/2015 23:30:53	15.77	49.57	32.46	8.06	8.00	7.7	2.329	99.0	3.3	0.8
635	10/29/2015 23:45:53	15.75	49.62	32.50	8.09	8.01	8.3	2.456	99.3	2.0	0.5
636	10/30/2015 00:00:53	15.70	49.63	32.51	8.08	8.01	9.5	2.571	99.2	3.0	0.7
637	10/30/2015 00:15:53	15.61	49.61	32.49	8.08	8.01	9.7	2.675	99.0	3.1	0.7
638	10/30/2015 00:30:53	15.53	49.68	32.54	8.08	8.01	13.7	2.793	98.9	2.0	0.5
639	10/30/2015 00:45:53	15.45	49.68	32.54	8.10	8.02	13.1	2.893	99.0	3.3	0.8
640	10/30/2015 01:00:53	15.28	49.67	32.53	8.20	8.03	17.3	3.008	99.8	3.0	0.7
641	10/30/2015 01:15:53	15.03	49.79	32.61	8.31	8.05	16.9	3.091	100.8	3.6	0.9
642	10/30/2015 01:30:53	14.89	49.84	32.64	8.38	8.06	14.5	3.190	101.4	2.8	0.7
643	10/30/2015 01:45:53	14.81	49.80	32.61	8.44	8.07	15.8	3.280	101.8	3.8	0.9
644	10/30/2015 02:00:53	14.73	49.85	32.65	8.50	8.08	13.1	3.362	102.4	3.7	0.9
645	10/30/2015 02:15:53	14.66	49.82	32.63	8.55	8.09	13.7	3.455	102.9	3.3	0.8
646	10/30/2015 02:30:54	14.44	49.95	32.71	8.64	8.11	11.7	3.523	103.6	3.9	0.9
647	10/30/2015 02:45:54	14.34	49.92	32.69	8.66	8.11	6.2	3.577	103.6	3.5	0.8
648	10/30/2015 03:00:54	14.40	49.97	32.72	8.36	8.09	4.2	3.613	100.1	2.5	0.6
649	10/30/2015 03:15:53	14.52	49.87	32.65	8.20	8.07	4.5	3.636	98.4	2.7	0.6
650	10/30/2015 03:30:53	14.42	49.93	32.69	8.30	8.09	5.1	3.628	99.4	2.6	0.6
651	10/30/2015 03:45:53	14.39	49.91	32.68	8.42	8.10	5.1	3.587	100.8	2.2	0.5
652	10/30/2015 04:00:53	14.47	49.96	32.72	8.38	8.09	5.7	3.528	100.5	2.3	0.5
653	10/30/2015 04:15:53	14.64	49.94	32.71	8.31	8.08	7.6	3.458	99.9	3.1	0.7
654	10/30/2015 04:30:53	14.58	49.93	32.70	8.34	8.08	7.4	3.360	100.2	2.8	0.7
655	10/30/2015 04:45:53	14.39	49.96	32.72	8.50	8.10	6.2	3.271	101.8	4.0	0.9
656	10/30/2015 05:00:53	14.66	49.91	32.69	8.30	8.07	7.0	3.169	99.9	2.9	0.7
657	10/30/2015 05:15:54	14.81	49.86	32.66	8.11	8.05	6.7	3.075	97.8	3.0	0.7
658	10/30/2015 05:30:53	14.92	49.76	32.58	7.99	8.03	7.0	2.980	96.6	2.5	0.6
659	10/30/2015 05:45:53	15.03	49.66	32.52	7.81	8.01	6.7	2.881	94.6	2.6	0.6
660	10/30/2015 06:00:53	15.05	49.75	32.58	7.74	8.00	6.6	2.802	93.8	2.9	0.7
661	10/30/2015 06:15:53	15.07	49.68	32.53	7.63	7.99	7.1	2.716	92.5	2.1	0.5
662	10/30/2015 06:30:53	15.07	49.67	32.52	7.67	7.99	6.9	2.635	92.9	1.9	0.4
663	10/30/2015 06:45:53	15.10	49.67	32.52	7.58	7.98	8.3	2.557	91.9	1.8	0.4
664	10/30/2015 07:00:53	15.05	49.65	32.51	7.49	7.97	6.8	2.471	90.8	2.8	0.7
665	10/30/2015 07:15:53	14.93	49.68	32.53	7.42	7.96	7.2	2.399	89.7	2.0	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
666	10/30/2015 07:30:53	15.13	49.67	32.52	7.61	7.98	6.3	2.363	92.4	2.2	0.5
667	10/30/2015 07:45:53	15.10	49.67	32.52	7.59	7.98	6.2	2.278	92.0	2.0	0.5
668	10/30/2015 08:00:53	15.07	49.74	32.58	7.48	7.97	5.8	2.240	90.8	2.2	0.5
669	10/30/2015 08:15:53	15.12	49.64	32.50	7.51	7.98	5.2	2.245	91.1	1.8	0.4
670	10/30/2015 08:30:53	15.11	49.80	32.62	7.56	7.97	5.9	2.241	91.8	1.6	0.4
671	10/30/2015 08:45:53	15.14	49.57	32.45	7.60	7.97	4.7	2.238	92.2	2.5	0.6
672	10/30/2015 09:00:53	15.19	49.61	32.48	7.64	7.98	4.9	2.297	92.9	1.9	0.5
673	10/30/2015 09:15:53	15.28	49.62	32.49	7.70	7.98	5.2	2.338	93.7	2.7	0.6
674	10/30/2015 09:30:54	15.25	49.65	32.52	7.71	7.99	4.9	2.409	93.8	2.3	0.5
675	10/30/2015 09:45:53	15.21	49.53	32.43	7.74	7.99	5.8	2.488	94.1	2.8	0.7
676	10/30/2015 10:00:53	15.10	49.61	32.48	7.77	7.99	5.8	2.568	94.2	2.6	0.6
677	10/30/2015 10:15:53	15.05	49.65	32.51	7.83	8.00	5.4	2.672	94.9	2.4	0.6
678	10/30/2015 10:30:53	15.04	49.56	32.44	7.84	8.00	5.1	2.752	94.9	1.9	0.5
679	10/30/2015 10:45:53	14.99	49.61	32.48	7.92	8.02	5.6	2.837	95.9	2.2	0.5
680	10/30/2015 11:00:53	14.96	49.65	32.50	8.04	8.03	5.5	2.936	97.3	2.7	0.6
681	10/30/2015 11:15:53	14.96	49.67	32.52	8.09	8.04	5.9	3.014	97.9	2.6	0.6
682	10/30/2015 11:30:54	14.89	49.71	32.54	8.15	8.04	7.4	3.116	98.4	2.0	0.5
683	10/30/2015 11:45:53	14.77	49.67	32.52	8.22	8.06	8.2	3.205	99.1	2.4	0.6
684	10/30/2015 12:00:54	14.71	49.73	32.56	8.30	8.07	9.0	3.313	99.9	2.4	0.6
685	10/30/2015 12:15:53	14.56	49.67	32.51	8.38	8.08	8.7	3.406	100.5	2.6	0.6
686	10/30/2015 12:30:53	14.39	49.81	32.61	8.48	8.10	9.6	3.519	101.5	3.0	0.7
687	10/30/2015 12:45:53	14.27	49.80	32.60	8.57	8.11	11.4	3.622	102.3	3.4	0.8
688	10/30/2015 13:00:53	14.17	49.84	32.62	8.64	8.12	9.0	3.706	102.9	2.7	0.6
689	10/30/2015 13:15:53	14.09	49.75	32.55	8.70	8.13	8.5	3.808	103.4	4.2	1.0
690	10/30/2015 13:30:53	14.05	50.22	32.90	8.70	8.13	6.6	3.883	103.5	3.7	0.9
691	10/30/2015 13:45:53	14.06	50.11	32.81	8.72	8.14	4.6	3.947	103.8	3.3	0.8
692	10/30/2015 14:00:53	14.01	50.11	32.81	8.71	8.14	3.7	4.002	103.5	3.4	0.8
693	10/30/2015 14:15:53	14.04	50.16	32.85	8.72	8.14	2.7	4.035	103.7	2.1	0.5
694	10/30/2015 14:30:53	14.01	50.08	32.79	8.54	8.13	3.5	4.049	101.5	2.7	0.6
695	10/30/2015 14:45:53	14.14	50.08	32.79	8.57	8.13	2.8	4.039	102.2	2.4	0.6
696	10/30/2015 15:00:54	14.22	50.08	32.80	8.59	8.13	2.9	4.003	102.5	1.7	0.4
697	10/30/2015 15:15:53	14.10	50.05	32.78	8.56	8.13	2.7	3.941	101.9	2.0	0.5
698	10/30/2015 15:30:53	14.32	50.06	32.79	8.72	8.13	5.0	3.856	104.2	2.1	0.5
699	10/30/2015 15:45:53	14.45	50.05	32.78	8.96	8.15	4.8	3.757	107.4	3.0	0.7
700	10/30/2015 16:00:53	14.58	50.06	32.79	8.88	8.14	4.9	3.644	106.8	2.6	0.6
701	10/30/2015 16:15:54	14.78	50.04	32.79	8.88	8.13	5.5	3.528	107.2	2.7	0.6
702	10/30/2015 16:30:53	14.75	49.97	32.74	8.85	8.12	7.9	3.397	106.7	3.9	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
703	10/30/2015 16:45:53	14.76	49.93	32.71	8.82	8.12	6.8	3.274	106.4	3.6	0.9
704	10/30/2015 17:00:53	14.81	49.96	32.73	8.81	8.12	6.3	3.151	106.4	3.8	0.9
705	10/30/2015 17:15:53	14.90	49.99	32.75	8.80	8.11	5.9	3.007	106.4	3.8	0.9
706	10/30/2015 17:30:53	15.10	49.87	32.67	8.72	8.10	6.7	2.890	105.8	3.3	0.8
707	10/30/2015 17:45:53	15.23	49.93	32.71	8.62	8.09	7.4	2.739	105.0	3.4	0.8
708	10/30/2015 18:00:53	15.16	49.82	32.64	8.63	8.08	8.9	2.594	104.8	3.0	0.7
709	10/30/2015 18:15:53	15.24	49.89	32.68	8.56	8.08	7.8	2.462	104.2	2.2	0.5
710	10/30/2015 18:30:53	15.24	49.81	32.63	8.52	8.08	8.2	2.309	103.8	3.3	0.8
711	10/30/2015 18:45:53	15.29	49.81	32.63	8.45	8.07	8.4	2.153	103.0	3.0	0.7
712	10/30/2015 19:00:53	15.50	49.79	32.62	8.34	8.05	9.6	2.016	102.1	3.5	0.8
713	10/30/2015 19:15:52	15.53	49.78	32.61	8.29	8.04	9.8	1.867	101.5	3.0	0.7
714	10/30/2015 19:30:53	15.46	49.83	32.65	8.24	8.04	9.4	1.706	100.8	3.4	0.8
715	10/30/2015 19:45:53	15.52	49.86	32.67	8.18	8.03	8.5	1.555	100.2	2.6	0.6
716	10/30/2015 20:00:53	15.60	49.81	32.63	8.14	8.03	9.5	1.431	99.9	4.2	1.0
717	10/30/2015 20:15:53	15.63	49.83	32.65	8.11	8.02	8.1	1.316	99.5	2.3	0.6
718	10/30/2015 20:30:53	15.68	49.87	32.68	8.04	8.02	7.7	1.206	98.7	3.1	0.7
719	10/30/2015 20:45:53	15.71	49.78	32.62	7.99	8.01	6.2	1.135	98.2	2.4	0.6
720	10/30/2015 21:00:53	15.66	49.76	32.60	8.00	8.00	7.4	1.118	98.2	3.2	0.8
721	10/30/2015 21:15:53	15.70	49.71	32.57	8.09	8.01	6.0	1.150	99.4	3.1	0.7
722	10/30/2015 21:30:53	15.79	49.79	32.63	8.11	8.01	5.4	1.229	99.8	2.6	0.6
723	10/30/2015 21:45:53	15.99	49.77	32.62	8.13	8.00	5.7	1.308	100.5	2.5	0.6
724	10/30/2015 22:00:53	16.04	49.64	32.52	8.19	8.00	5.7	1.414	101.2	2.4	0.6
725	10/30/2015 22:15:53	15.94	49.73	32.58	8.18	8.00	5.5	1.501	100.9	2.9	0.7
726	10/30/2015 22:30:53	15.87	49.47	32.39	8.19	7.97	6.9	1.584	100.8	3.0	0.7
727	10/30/2015 22:45:53	15.86	49.55	32.45	8.19	7.98	6.3	1.678	100.8	2.5	0.6
728	10/30/2015 23:00:53	15.79	49.61	32.49	8.19	7.99	6.4	1.765	100.7	3.4	0.8
729	10/30/2015 23:15:53	15.75	49.62	32.50	8.18	7.99	5.7	1.852	100.4	3.3	0.8
730	10/30/2015 23:30:53	15.74	49.62	32.50	8.18	8.00	5.6	1.955	100.4	2.2	0.5
731	10/30/2015 23:45:53	15.74	49.66	32.53	8.18	8.00	5.1	2.061	100.5	2.6	0.6
732	10/31/2015 00:00:53	15.72	49.69	32.55	8.16	8.00	5.2	2.153	100.2	2.6	0.6
733	10/31/2015 00:15:53	15.67	49.76	32.60	8.10	8.01	5.1	2.257	99.5	2.5	0.6
734	10/31/2015 00:30:53	15.66	49.71	32.56	8.13	8.02	5.2	2.364	99.7	2.3	0.5
735	10/31/2015 00:45:53	15.62	49.71	32.57	8.06	8.02	5.8	2.466	98.8	3.0	0.7
736	10/31/2015 01:00:53	15.55	49.83	32.65	8.13	8.03	5.9	2.569	99.5	2.9	0.7
737	10/31/2015 01:15:53	15.51	49.76	32.60	8.15	8.02	7.1	2.675	99.7	3.4	0.8
738	10/31/2015 01:30:53	15.43	49.76	32.60	8.19	8.03	7.9	2.767	100.1	3.2	0.8
739	10/31/2015 01:45:53	15.30	49.77	32.60	8.27	8.05	9.3	2.869	100.7	2.3	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
740	10/31/2015 02:00:53	15.14	49.86	32.66	8.34	8.06	10.2	2.961	101.3	4.0	1.0
741	10/31/2015 02:15:53	14.97	49.88	32.68	8.42	8.07	11.2	3.045	102.0	3.5	0.8
742	10/31/2015 02:30:53	14.82	49.97	32.73	8.49	8.08	8.5	3.139	102.6	2.6	0.6
743	10/31/2015 02:45:53	14.72	49.82	32.62	8.56	8.09	8.4	3.227	103.1	4.2	1.0
744	10/31/2015 03:00:53	14.65	49.99	32.75	8.59	8.10	8.1	3.298	103.4	3.9	0.9
745	10/31/2015 03:15:53	14.60	49.95	32.72	8.61	8.10	10.7	3.377	103.5	3.9	0.9
746	10/31/2015 03:30:53	14.56	49.95	32.72	8.61	8.10	7.0	3.445	103.4	3.2	0.8
747	10/31/2015 03:45:53	14.41	50.04	32.77	8.63	8.11	5.1	3.487	103.4	3.6	0.9
748	10/31/2015 04:00:53	14.43	50.04	32.77	8.40	8.10	3.0	3.513	100.7	2.7	0.6
749	10/31/2015 04:15:53	14.51	50.03	32.77	8.31	8.08	4.5	3.540	99.7	2.5	0.6
750	10/31/2015 04:30:53	14.30	50.16	32.86	8.33	8.09	4.2	3.533	99.7	2.0	0.5
751	10/31/2015 04:45:54	14.59	50.09	32.82	8.26	8.08	5.2	3.493	99.4	2.6	0.6
752	10/31/2015 05:00:53	14.42	50.17	32.87	8.43	8.10	4.3	3.432	101.0	1.9	0.4
753	10/31/2015 05:15:53	14.62	50.14	32.85	8.31	8.08	5.3	3.366	100.0	1.2	0.3
754	10/31/2015 05:30:53	14.59	50.09	32.82	8.35	8.08	6.0	3.297	100.4	3.4	0.8
755	10/31/2015 05:45:53	14.53	50.11	32.83	8.43	8.09	4.9	3.197	101.3	3.2	0.8
756	10/31/2015 06:00:53	14.63	50.09	32.82	8.37	8.08	5.1	3.102	100.8	2.7	0.6
757	10/31/2015 06:15:53	14.77	50.11	32.83	8.22	8.06	6.0	3.017	99.2	2.5	0.6
758	10/31/2015 06:30:53	14.90	50.01	32.76	8.09	8.05	5.7	2.937	97.9	2.3	0.5
759	10/31/2015 06:45:53	15.02	49.99	32.76	7.92	8.02	5.5	2.854	96.1	2.5	0.6
760	10/31/2015 07:00:53	15.05	49.96	32.73	7.86	8.01	5.4	2.779	95.4	2.0	0.5
761	10/31/2015 07:15:53	15.07	49.96	32.74	7.68	7.99	5.3	2.706	93.2	1.6	0.4
762	10/31/2015 07:30:53	15.06	49.96	32.74	7.74	8.00	5.4	2.630	93.9	2.6	0.6
763	10/31/2015 07:45:53	15.06	49.68	32.53	7.67	7.99	5.7	2.561	93.0	1.8	0.4
764	10/31/2015 08:00:53	15.09	49.73	32.56	7.71	7.99	5.0	2.513	93.5	2.6	0.6
765	10/31/2015 08:15:53	15.06	49.66	32.52	7.61	7.98	5.6	2.444	92.3	1.5	0.4
766	10/31/2015 08:30:53	15.09	49.68	32.53	7.73	7.99	4.9	2.395	93.7	1.6	0.4
767	10/31/2015 08:45:53	15.09	49.73	32.57	7.65	7.99	5.1	2.363	92.8	1.8	0.4
768	10/31/2015 09:00:53	15.09	49.73	32.56	7.64	7.99	4.3	2.338	92.6	2.8	0.7
769	10/31/2015 09:15:53	15.15	49.68	32.53	7.68	7.99	4.2	2.330	93.3	2.6	0.6
770	10/31/2015 09:30:53	15.16	49.73	32.57	7.76	7.99	3.9	2.338	94.3	2.3	0.6
771	10/31/2015 09:45:53	15.21	49.71	32.55	7.84	8.00	4.1	2.368	95.3	2.9	0.7
772	10/31/2015 10:00:53	15.24	49.71	32.56	7.88	8.00	4.1	2.418	95.9	2.7	0.6
773	10/31/2015 10:15:53	15.29	49.72	32.56	7.94	8.01	4.1	2.454	96.6	2.0	0.5
774	10/31/2015 10:30:53	15.26	49.69	32.54	7.97	8.01	4.2	2.525	97.0	2.7	0.6
775	10/31/2015 10:45:53	15.22	49.72	32.56	8.02	8.02	4.9	2.596	97.5	2.5	0.6
776	10/31/2015 11:00:53	15.09	49.77	32.59	8.04	8.02	4.5	2.673	97.6	1.5	0.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
777	10/31/2015 11:15:53	15.05	49.74	32.57	8.08	8.03	4.3	2.752	97.9	2.2	0.5
778	10/31/2015 11:30:53	15.03	49.74	32.57	8.13	8.03	4.0	2.827	98.5	1.8	0.4
779	10/31/2015 11:45:53	14.98	49.73	32.56	8.20	8.05	4.1	2.906	99.3	1.8	0.4
780	10/31/2015 12:00:53	14.93	49.79	32.61	8.27	8.05	4.0	2.989	100.0	2.5	0.6
781	10/31/2015 12:15:53	14.92	49.81	32.62	8.30	8.06	4.2	3.075	100.4	2.3	0.5
782	10/31/2015 12:30:53	14.87	49.80	32.61	8.34	8.06	5.1	3.158	100.7	2.9	0.7
783	10/31/2015 12:45:53	14.72	49.81	32.61	8.37	8.07	5.3	3.242	100.9	1.9	0.4
784	10/31/2015 13:00:53	14.62	49.89	32.67	8.42	8.08	5.1	3.326	101.2	2.8	0.7
785	10/31/2015 13:15:53	14.53	49.86	32.65	8.46	8.09	5.2	3.414	101.6	2.1	0.5
786	10/31/2015 13:30:53	14.36	49.94	32.70	8.47	8.09	5.4	3.503	101.4	2.1	0.5
787	10/31/2015 13:45:53	14.22	49.92	32.68	8.48	8.10	5.6	3.578	101.2	2.6	0.6
788	10/31/2015 14:00:53	14.07	49.97	32.71	8.51	8.11	4.3	3.649	101.3	2.3	0.6
789	10/31/2015 14:15:53	13.97	50.23	32.90	8.49	8.11	4.0	3.728	101.0	2.9	0.7
790	10/31/2015 14:30:54	14.01	50.30	32.96	8.49	8.12	3.7	3.779	101.0	3.0	0.7
791	10/31/2015 14:45:53	13.94	50.27	32.93	8.49	8.12	2.6	3.829	100.8	1.1	0.3
792	10/31/2015 15:00:54	13.85	50.29	32.94	8.48	8.12	2.5	3.864	100.6	2.3	0.5
793	10/31/2015 15:15:53	13.90	50.24	32.91	8.35	8.11	1.9	3.877	99.1	3.5	0.8
794	10/31/2015 15:30:53	13.97	50.21	32.89	8.34	8.11	2.4	3.867	99.1	1.9	0.4
795	10/31/2015 15:45:53	13.92	50.24	32.90	8.31	8.11	2.3	3.846	98.7	1.8	0.4
796	10/31/2015 16:00:53	13.89	50.27	32.93	8.30	8.11	2.3	3.791	98.5	1.7	0.4
797	10/31/2015 16:15:53	14.03	50.19	32.88	8.31	8.11	3.9	3.727	98.9	2.1	0.5
798	10/31/2015 16:30:53	14.40	50.14	32.85	8.51	8.12	5.0	3.655	102.0	2.0	0.5
799	10/31/2015 16:45:53	14.36	50.20	32.89	8.55	8.11	3.8	3.556	102.5	1.9	0.5
800	10/31/2015 17:00:53	14.35	50.18	32.88	8.56	8.11	4.6	3.442	102.5	3.4	0.8
801	10/31/2015 17:15:53	14.74	50.04	32.78	8.55	8.10	4.8	3.344	103.1	3.4	0.8
802	10/31/2015 17:30:53	14.84	50.02	32.77	8.57	8.10	7.3	3.228	103.6	3.9	0.9
803	10/31/2015 17:45:53	14.92	50.07	32.81	8.55	8.09	6.4	3.114	103.5	2.2	0.5
804	10/31/2015 18:00:53	15.05	49.99	32.76	8.51	8.09	6.7	3.003	103.3	3.8	0.9
805	10/31/2015 18:15:53	15.22	50.06	32.81	8.45	8.07	6.7	2.880	103.0	2.3	0.5
806	10/31/2015 18:30:53	15.27	50.02	32.79	8.42	8.06	7.6	2.761	102.6	2.8	0.7
807	10/31/2015 18:45:53	15.18	50.06	32.81	8.37	8.06	7.6	2.619	101.9	3.1	0.7
808	10/31/2015 19:00:53	15.12	49.89	32.68	8.28	8.06	7.6	2.495	100.5	2.6	0.6
809	10/31/2015 19:15:53	15.03	50.08	32.82	8.22	8.05	8.9	2.370	99.8	3.2	0.8
810	10/31/2015 19:30:53	15.24	49.97	32.75	8.19	8.04	8.6	2.239	99.8	3.4	0.8
811	10/31/2015 19:45:53	15.31	49.98	32.76	8.15	8.04	9.4	2.105	99.4	3.6	0.8
812	10/31/2015 20:00:53	15.42	49.94	32.73	8.13	8.03	8.5	1.968	99.3	3.0	0.7
813	10/31/2015 20:15:53	15.44	49.96	32.75	8.07	8.02	8.4	1.830	98.7	2.6	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
814	10/31/2015 20:30:53	15.44	49.96	32.74	8.03	8.02	8.4	1.711	98.2	2.9	0.7
815	10/31/2015 20:45:53	15.53	49.94	32.73	8.02	8.02	8.4	1.584	98.2	3.5	0.8
816	10/31/2015 21:00:53	15.55	49.94	32.73	7.99	8.01	8.9	1.497	97.9	2.9	0.7
817	10/31/2015 21:15:53	15.60	49.94	32.73	7.97	8.00	7.3	1.394	97.7	3.7	0.9
818	10/31/2015 21:30:53	15.61	49.94	32.73	7.93	8.00	7.3	1.328	97.3	3.7	0.9
819	10/31/2015 21:45:53	15.63	49.95	32.74	7.84	7.99	6.5	1.317	96.2	2.7	0.6
820	10/31/2015 22:00:53	15.59	49.89	32.70	7.88	7.99	7.3	1.286	96.6	3.6	0.9
821	10/31/2015 22:15:53	15.62	49.93	32.72	7.95	8.00	5.7	1.332	97.6	3.3	0.8
822	10/31/2015 22:30:53	15.68	49.91	32.71	7.97	8.00	4.9	1.381	97.9	3.2	0.8
823	10/31/2015 22:45:53	15.83	49.91	32.71	8.05	7.99	5.1	1.462	99.2	2.7	0.7
824	10/31/2015 23:00:53	15.81	49.91	32.71	8.06	8.00	4.5	1.535	99.3	3.0	0.7
825	10/31/2015 23:15:53	15.76	49.80	32.63	8.03	7.99	5.5	1.637	98.8	2.9	0.7
826	10/31/2015 23:30:53	15.72	49.64	32.51	7.96	7.97	7.1	1.710	97.7	2.9	0.7
827	10/31/2015 23:45:53	15.70	49.63	32.51	7.98	7.97	6.2	1.776	97.9	2.7	0.6
828	11/1/2015 00:00:53	15.65	49.76	32.60	7.98	7.98	5.7	1.895	97.9	2.7	0.6
829	11/1/2015 00:15:53	15.62	49.79	32.62	7.98	7.98	5.7	1.972	97.8	2.6	0.6
830	11/1/2015 00:30:53	15.61	49.83	32.65	7.98	7.99	5.2	2.054	97.9	3.2	0.8
831	11/1/2015 00:45:53	15.61	49.86	32.67	8.00	7.99	5.0	2.143	98.2	3.3	0.8
832	11/1/2015 01:00:53	15.54	49.87	32.68	8.01	8.00	4.7	2.242	98.1	3.3	0.8
833	11/1/2015 01:15:53	15.50	49.86	32.67	8.02	8.00	4.6	2.343	98.2	2.1	0.5
834	11/1/2015 01:30:53	15.46	49.92	32.72	8.05	8.01	5.6	2.432	98.4	2.8	0.7
835	11/1/2015 01:45:53	15.43	49.85	32.66	8.05	8.01	5.3	2.521	98.4	3.4	0.8
836	11/1/2015 02:00:53	15.36	49.98	32.76	8.08	8.02	5.6	2.624	98.6	3.4	0.8
837	11/1/2015 02:15:53	15.32	49.94	32.72	8.10	8.02	6.3	2.717	98.8	2.6	0.6
838	11/1/2015 02:30:53	15.25	49.90	32.70	8.12	8.03	6.5	2.804	98.9	2.5	0.6
839	11/1/2015 02:45:53	15.16	49.86	32.67	8.16	8.04	7.1	2.884	99.1	2.7	0.6
840	11/1/2015 03:00:53	14.98	49.94	32.72	8.21	8.05	8.1	2.973	99.5	3.4	0.8
841	11/1/2015 03:15:53	14.84	50.05	32.80	8.24	8.05	6.6	3.043	99.6	3.2	0.8
842	11/1/2015 03:30:53	14.70	50.08	32.82	8.23	8.06	7.7	3.131	99.2	2.9	0.7
843	11/1/2015 03:45:54	14.59	50.11	32.83	8.24	8.07	7.1	3.199	99.1	2.9	0.7
844	11/1/2015 04:00:53	14.53	50.08	32.81	8.24	8.07	7.0	3.275	99.0	3.4	0.8
845	11/1/2015 04:15:53	14.47	50.11	32.83	8.23	8.08	7.1	3.333	98.8	2.4	0.6
846	11/1/2015 04:30:54	14.44	50.14	32.85	8.20	8.08	4.6	3.391	98.4	2.6	0.6
847	11/1/2015 04:45:53	14.39	50.10	32.82	8.19	8.08	3.4	3.433	98.1	1.9	0.5
848	11/1/2015 05:00:53	14.38	50.15	32.85	8.10	8.08	3.1	3.453	97.0	2.7	0.6
849	11/1/2015 05:15:53	14.40	50.13	32.84	8.00	8.07	3.1	3.478	95.9	2.4	0.6
850	11/1/2015 05:30:53	14.44	50.12	32.83	7.92	8.07	3.2	3.457	95.0	2.5	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
851	11/1/2015 05:45:53	14.37	50.12	32.83	7.88	8.08	3.1	3.438	94.4	1.8	0.4
852	11/1/2015 06:00:53	14.38	50.13	32.84	7.85	8.08	3.8	3.375	94.1	2.8	0.7
853	11/1/2015 06:15:53	14.46	50.07	32.80	7.85	8.07	5.2	3.308	94.2	2.8	0.7
854	11/1/2015 06:30:54	14.48	50.02	32.76	7.88	8.07	5.5	3.242	94.5	2.5	0.6
855	11/1/2015 06:45:54	14.52	49.90	32.68	7.87	8.07	5.6	3.157	94.5	2.2	0.5
856	11/1/2015 07:00:53	14.53	49.78	32.59	7.93	8.07	5.5	3.076	95.2	2.8	0.7
857	11/1/2015 07:15:53	14.83	49.77	32.59	7.85	8.05	4.7	2.983	94.8	2.3	0.5
858	11/1/2015 07:30:53	14.75	49.76	32.58	7.89	8.05	5.2	2.909	95.1	2.8	0.7
859	11/1/2015 07:45:53	15.03	49.63	32.50	7.79	8.03	4.6	2.857	94.3	1.6	0.4
860	11/1/2015 08:00:53	15.05	49.72	32.56	7.68	8.02	5.0	2.792	93.1	2.1	0.5
861	11/1/2015 08:15:53	15.09	49.65	32.51	7.64	8.01	5.9	2.723	92.7	2.2	0.5
862	11/1/2015 08:30:53	15.20	49.67	32.52	7.62	8.00	5.4	2.677	92.6	2.1	0.5
863	11/1/2015 08:45:53	15.18	49.73	32.57	7.64	8.01	4.7	2.618	92.8	2.0	0.5
864	11/1/2015 09:00:53	15.22	49.65	32.51	7.63	8.00	4.6	2.571	92.8	1.4	0.3
865	11/1/2015 09:15:53	15.27	49.72	32.56	7.42	8.00	4.6	2.520	90.3	2.2	0.5
866	11/1/2015 09:30:53	15.24	49.68	32.53	7.32	7.99	4.3	2.497	89.1	2.8	0.7
867	11/1/2015 09:45:53	15.30	49.68	32.54	7.27	7.99	4.3	2.460	88.6	1.8	0.4
868	11/1/2015 10:00:53	15.30	49.59	32.47	7.32	7.99	3.8	2.420	89.1	2.0	0.5
869	11/1/2015 10:15:53	15.35	49.64	32.51	7.23	7.99	3.8	2.430	88.1	1.9	0.4
870	11/1/2015 10:30:53	15.38	49.60	32.48	7.35	7.98	4.5	2.442	89.6	2.5	0.6
871	11/1/2015 10:45:53	15.34	49.55	32.44	7.36	7.99	4.2	2.462	89.6	2.8	0.7
872	11/1/2015 11:00:53	15.30	49.60	32.47	7.40	8.00	4.0	2.505	90.1	1.7	0.4
873	11/1/2015 11:15:54	15.29	49.65	32.51	7.44	8.00	3.9	2.540	90.5	3.6	0.8
874	11/1/2015 11:30:54	15.23	49.61	32.48	7.46	8.00	4.8	2.613	90.6	2.1	0.5
875	11/1/2015 11:45:53	15.28	49.52	32.42	7.48	8.00	5.6	2.667	91.0	2.1	0.5
876	11/1/2015 12:00:53	15.19	49.57	32.45	7.54	8.01	4.1	2.736	91.6	2.6	0.6
877	11/1/2015 12:15:53	15.14	49.68	32.53	7.55	8.02	4.5	2.807	91.7	2.1	0.5
878	11/1/2015 12:30:53	15.08	49.62	32.49	7.60	8.02	4.2	2.872	92.1	1.9	0.4
879	11/1/2015 12:45:53	14.96	49.69	32.53	7.66	8.04	3.8	2.937	92.7	1.8	0.4
880	11/1/2015 13:00:53	14.92	49.78	32.60	7.72	8.05	4.2	2.989	93.3	1.9	0.4
881	11/1/2015 13:15:54	14.93	49.85	32.65	7.64	8.05	3.6	3.076	92.5	2.2	0.5
882	11/1/2015 13:30:53	14.90	49.84	32.64	7.67	8.05	3.5	3.139	92.8	2.1	0.5
883	11/1/2015 13:45:53	14.80	49.88	32.67	7.75	8.06	4.2	3.224	93.5	1.8	0.4
884	11/1/2015 14:00:53	14.75	49.91	32.69	7.85	8.07	4.0	3.295	94.6	2.5	0.6
885	11/1/2015 14:15:53	14.63	49.93	32.71	7.93	8.07	3.5	3.359	95.4	2.1	0.5
886	11/1/2015 14:30:54	14.55	49.99	32.74	8.04	8.08	4.0	3.416	96.6	2.6	0.6
887	11/1/2015 14:45:53	14.44	49.92	32.69	8.12	8.08	3.5	3.487	97.3	2.6	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
888	11/1/2015 15:00:53	14.33	49.98	32.73	8.19	8.09	3.0	3.558	97.9	2.3	0.5
889	11/1/2015 15:15:53	14.24	50.04	32.77	8.25	8.10	3.2	3.603	98.5	2.1	0.5
890	11/1/2015 15:30:54	14.17	50.08	32.80	8.31	8.10	4.2	3.639	99.0	3.8	0.9
891	11/1/2015 15:45:53	14.13	49.97	32.72	8.35	8.11	2.9	3.672	99.5	1.2	0.3
892	11/1/2015 16:00:54	14.11	50.02	32.75	8.36	8.11	2.1	3.672	99.6	1.9	0.5
893	11/1/2015 16:15:53	14.25	50.00	32.74	8.23	8.10	2.5	3.673	98.3	1.8	0.4
894	11/1/2015 16:30:53	14.17	50.05	32.78	8.11	8.09	1.7	3.672	96.7	1.9	0.4
895	11/1/2015 16:45:54	14.19	50.01	32.75	8.17	8.10	1.6	3.633	97.4	1.8	0.4
896	11/1/2015 17:00:53	14.24	50.05	32.78	8.11	8.09	2.6	3.580	96.9	0.5	0.1
897	11/1/2015 17:15:54	14.41	50.02	32.76	8.10	8.09	2.2	3.515	97.1	2.1	0.5
898	11/1/2015 17:30:53	14.87	49.91	32.69	8.22	8.10	4.5	3.446	99.4	2.1	0.5
899	11/1/2015 17:45:54	14.76	49.93	32.71	8.23	8.09	4.2	3.358	99.2	2.3	0.5
900	11/1/2015 18:00:54	14.85	49.91	32.70	8.14	8.08	4.1	3.280	98.3	2.0	0.5
901	11/1/2015 18:15:53	14.96	49.85	32.65	8.08	8.08	4.3	3.179	97.8	1.7	0.4
902	11/1/2015 18:30:53	15.05	49.82	32.63	8.06	8.07	4.6	3.073	97.7	2.6	0.6
903	11/1/2015 18:45:53	15.11	49.80	32.62	8.04	8.06	5.2	2.992	97.6	2.5	0.6
904	11/1/2015 19:00:54	15.26	49.80	32.62	8.00	8.06	5.5	2.867	97.4	3.1	0.7
905	11/1/2015 19:15:54	15.35	49.76	32.60	7.99	8.05	5.4	2.782	97.4	3.1	0.7
906	11/1/2015 19:30:53	15.32	49.77	32.60	7.98	8.05	5.4	2.679	97.2	2.5	0.6
907	11/1/2015 19:45:53	15.44	49.73	32.57	8.01	8.04	5.7	2.567	97.9	2.4	0.6
908	11/1/2015 20:00:53	15.46	49.70	32.56	7.97	8.04	7.9	2.442	97.4	2.6	0.6
909	11/1/2015 20:15:53	15.35	49.65	32.52	7.90	8.04	7.8	2.349	96.3	2.3	0.5
910	11/1/2015 20:30:53	15.38	49.68	32.54	7.87	8.03	6.4	2.209	96.0	2.8	0.7
911	11/1/2015 20:45:53	15.48	49.68	32.54	7.85	8.03	7.6	2.099	96.0	2.4	0.6
912	11/1/2015 21:00:53	15.53	49.67	32.53	7.82	8.02	6.6	1.987	95.6	2.5	0.6
913	11/1/2015 21:15:53	15.53	49.66	32.53	7.75	8.01	6.5	1.872	94.8	2.6	0.6
914	11/1/2015 21:30:53	15.52	49.61	32.49	7.69	8.01	6.2	1.786	94.0	2.7	0.6
915	11/1/2015 21:45:53	15.55	49.68	32.54	7.67	8.00	6.8	1.671	93.9	3.2	0.8
916	11/1/2015 22:00:53	15.61	49.65	32.52	7.69	8.00	5.6	1.620	94.2	2.9	0.7
917	11/1/2015 22:15:53	15.61	49.67	32.54	7.66	8.00	5.6	1.572	93.9	2.5	0.6
918	11/1/2015 22:30:53	15.66	49.63	32.50	7.63	7.99	5.1	1.501	93.6	2.7	0.6
919	11/1/2015 22:45:53	15.80	49.61	32.50	7.70	8.00	4.6	1.506	94.7	3.6	0.8
920	11/1/2015 23:00:53	15.92	49.55	32.45	7.65	8.00	4.3	1.485	94.2	3.2	0.8
921	11/1/2015 23:15:53	15.99	49.58	32.48	7.86	8.00	5.3	1.521	97.1	3.2	0.8
922	11/1/2015 23:30:53	15.84	49.58	32.48	7.75	8.00	4.2	1.552	95.3	2.7	0.6
923	11/1/2015 23:45:53	15.97	49.50	32.42	7.88	7.99	4.3	1.634	97.2	3.0	0.7
924	11/2/2015 00:00:53	15.93	49.42	32.36	7.89	8.00	4.7	1.708	97.2	3.1	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
925	11/2/2015 00:15:53	15.91	49.35	32.30	7.83	7.99	5.7	1.779	96.4	2.9	0.7
926	11/2/2015 00:30:53	15.89	49.27	32.25	7.79	7.99	5.7	1.852	95.8	3.2	0.8
927	11/2/2015 00:45:53	15.88	49.23	32.21	7.78	7.99	6.5	1.914	95.6	3.4	0.8
928	11/2/2015 01:00:53	15.83	49.31	32.27	7.77	7.99	5.3	2.013	95.4	2.4	0.6
929	11/2/2015 01:15:53	15.75	49.37	32.32	7.57	8.00	5.1	2.103	92.9	2.8	0.7
930	11/2/2015 01:30:53	15.73	49.41	32.35	7.76	8.00	4.6	2.178	95.2	3.4	0.8
931	11/2/2015 01:45:53	15.68	49.45	32.37	7.81	8.00	4.5	2.260	95.7	2.2	0.5
932	11/2/2015 02:00:53	15.53	49.56	32.45	7.81	8.00	4.2	2.345	95.5	3.2	0.8
933	11/2/2015 02:15:53	15.48	49.51	32.41	7.82	8.01	3.8	2.424	95.5	2.3	0.6
934	11/2/2015 02:30:53	15.46	49.57	32.46	7.84	8.01	4.3	2.525	95.8	3.0	0.7
935	11/2/2015 02:45:53	15.43	49.57	32.46	7.85	8.02	4.5	2.603	95.8	2.1	0.5
936	11/2/2015 03:00:53	15.34	49.61	32.49	7.86	8.02	4.6	2.686	95.7	2.1	0.5
937	11/2/2015 03:15:53	15.28	49.69	32.54	7.87	8.02	5.1	2.770	95.8	2.4	0.6
938	11/2/2015 03:30:53	15.23	49.70	32.55	7.90	8.03	4.6	2.836	96.1	2.4	0.6
939	11/2/2015 03:45:53	15.16	49.70	32.55	7.92	8.03	5.6	2.908	96.2	2.5	0.6
940	11/2/2015 04:00:53	15.02	49.64	32.50	7.98	8.04	6.1	2.984	96.7	3.2	0.8
941	11/2/2015 04:15:53	14.90	49.63	32.49	8.04	8.05	6.5	3.047	97.1	1.8	0.4
942	11/2/2015 04:30:53	14.72	49.75	32.58	8.13	8.06	6.1	3.152	97.9	3.0	0.7
943	11/2/2015 04:45:53	14.57	49.82	32.62	8.23	8.07	6.0	3.202	98.8	2.8	0.7
944	11/2/2015 05:00:53	14.44	49.89	32.66	8.37	8.08	5.9	3.260	100.3	2.9	0.7
945	11/2/2015 05:15:53	14.34	49.91	32.68	8.46	8.09	4.9	3.308	101.1	3.1	0.7
946	11/2/2015 05:30:53	14.30	49.87	32.65	8.45	8.09	3.6	3.387	100.9	2.6	0.6
947	11/2/2015 05:45:53	14.27	49.93	32.69	8.43	8.10	3.7	3.415	100.7	3.3	0.8
948	11/2/2015 06:00:53	14.56	49.62	32.47	8.22	8.08	3.2	3.420	98.7	2.9	0.7
949	11/2/2015 06:15:53	14.30	49.91	32.67	8.16	8.09	2.3	3.433	97.4	2.2	0.5
950	11/2/2015 06:30:53	14.23	49.93	32.69	8.28	8.09	3.0	3.413	98.8	0.9	0.2
951	11/2/2015 06:45:53	14.33	49.89	32.67	8.22	8.09	4.2	3.398	98.3	2.1	0.5
952	11/2/2015 07:00:53	14.32	49.87	32.65	8.21	8.08	3.8	3.332	98.1	1.7	0.4
953	11/2/2015 07:15:53	14.53	49.85	32.64	8.08	8.07	4.8	3.279	96.9	2.3	0.5
954	11/2/2015 07:30:53	14.74	49.68	32.52	7.86	8.04	6.0	3.251	94.6	3.3	0.8
955	11/2/2015 07:45:53	14.49	49.83	32.62	8.10	8.06	6.2	3.159	97.1	2.5	0.6
956	11/2/2015 08:00:53	14.58	49.83	32.62	8.10	8.06	5.1	3.094	97.3	2.0	0.5
957	11/2/2015 08:15:53	14.75	49.74	32.57	7.92	8.04	4.8	3.030	95.4	2.6	0.6
958	11/2/2015 08:30:53	14.86	49.69	32.54	7.77	8.03	4.6	2.981	93.8	2.2	0.5
959	11/2/2015 08:45:53	14.93	49.66	32.51	7.77	8.03	4.5	2.903	93.9	1.7	0.4
960	11/2/2015 09:00:54	14.99	49.66	32.51	7.67	8.02	4.2	2.843	92.8	1.7	0.4
961	11/2/2015 09:15:53	15.03	49.58	32.46	7.63	8.01	4.3	2.795	92.4	1.5	0.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
962	11/2/2015 09:30:53	15.07	49.60	32.47	7.61	8.01	4.3	2.750	92.3	1.7	0.4
963	11/2/2015 09:45:53	15.09	49.56	32.44	7.61	8.01	3.8	2.684	92.3	2.3	0.5
964	11/2/2015 10:00:53	15.13	49.60	32.48	7.61	8.01	3.5	2.660	92.4	1.7	0.4
965	11/2/2015 10:15:53	15.15	49.57	32.45	7.62	8.01	4.0	2.624	92.4	1.8	0.4
966	11/2/2015 10:30:53	15.17	49.55	32.44	7.56	8.00	3.0	2.592	91.7	1.9	0.5
967	11/2/2015 10:45:53	15.20	49.52	32.42	7.54	8.00	3.1	2.557	91.6	1.7	0.4
968	11/2/2015 11:00:53	15.23	49.58	32.46	7.47	8.00	2.7	2.551	90.8	1.2	0.3
969	11/2/2015 11:15:53	15.24	49.48	32.39	7.44	7.99	2.4	2.519	90.4	1.5	0.4
970	11/2/2015 11:30:53	15.14	49.58	32.46	7.70	8.01	3.6	2.524	93.5	1.4	0.3
971	11/2/2015 11:45:53	15.21	49.48	32.39	7.69	8.00	3.6	2.531	93.5	2.3	0.6
972	11/2/2015 12:00:53	15.21	49.52	32.42	7.67	8.00	3.5	2.561	93.1	2.0	0.5
973	11/2/2015 12:15:53	15.20	49.43	32.35	7.65	8.00	3.4	2.601	92.9	2.2	0.5
974	11/2/2015 12:30:53	15.19	49.52	32.42	7.64	8.00	3.3	2.626	92.8	1.7	0.4
975	11/2/2015 12:45:53	15.19	49.43	32.35	7.66	8.00	3.7	2.672	92.9	1.6	0.4
976	11/2/2015 13:00:53	15.17	49.57	32.45	7.68	8.01	3.5	2.748	93.3	2.0	0.5
977	11/2/2015 13:15:53	15.16	49.54	32.43	7.77	8.02	3.6	2.790	94.3	2.1	0.5
978	11/2/2015 13:30:53	15.13	49.53	32.42	7.86	8.02	3.7	2.846	95.4	2.1	0.5
979	11/2/2015 13:45:53	15.06	49.62	32.48	7.87	8.02	3.6	2.914	95.4	1.9	0.4
980	11/2/2015 14:00:53	14.95	49.70	32.54	7.93	8.03	3.5	2.972	95.9	2.0	0.5
981	11/2/2015 14:15:53	14.84	49.74	32.57	8.09	8.04	3.1	3.034	97.6	1.8	0.4
982	11/2/2015 14:30:53	14.76	49.77	32.59	8.18	8.06	2.9	3.095	98.6	1.4	0.3
983	11/2/2015 14:45:53	14.73	49.81	32.62	8.22	8.06	2.8	3.147	99.0	2.2	0.5
984	11/2/2015 15:00:53	14.71	49.80	32.61	8.25	8.07	2.6	3.219	99.4	2.6	0.6
985	11/2/2015 15:15:53	14.69	49.77	32.58	8.30	8.07	2.4	3.259	99.9	2.6	0.6
986	11/2/2015 15:30:53	14.66	49.84	32.63	8.35	8.08	2.6	3.329	100.5	2.5	0.6
987	11/2/2015 15:45:53	14.64	49.80	32.61	8.42	8.08	2.3	3.392	101.2	2.6	0.6
988	11/2/2015 16:00:53	14.60	49.85	32.64	8.46	8.09	2.0	3.435	101.7	2.3	0.6
989	11/2/2015 16:15:53	14.56	49.90	32.68	8.51	8.10	2.6	3.452	102.2	2.7	0.7
990	11/2/2015 16:30:53	14.52	49.82	32.62	8.45	8.10	1.7	3.495	101.3	1.6	0.4
991	11/2/2015 16:45:53	14.48	49.85	32.64	8.44	8.10	1.4	3.524	101.2	2.1	0.5
992	11/2/2015 17:00:53	14.47	49.90	32.68	8.29	8.09	1.5	3.530	99.4	2.3	0.6
993	11/2/2015 17:15:53	14.45	49.86	32.64	8.37	8.10	1.9	3.511	100.2	2.1	0.5
994	11/2/2015 17:30:53	14.60	49.86	32.65	8.26	8.09	13.1	3.494	99.3	2.7	0.6
995	11/2/2015 17:45:53	14.60	49.81	32.61	8.15	8.07	49.8	3.460	97.9	5.5	1.3
996	11/2/2015 18:00:53	14.46	49.80	32.60	8.25	8.08	69.1	3.420	98.9	7.3	1.7
997	11/2/2015 18:15:54	14.36	49.87	32.65	8.33	8.09	79.3	3.348	99.7	9.3	2.2
998	11/2/2015 18:30:53	14.34	49.83	32.62	8.33	8.09	72.6	3.303	99.6	8.0	1.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
999	11/2/2015 18:45:53	14.31	49.87	32.65	8.32	8.09	67.0	3.228	99.4	7.5	1.8
1000	11/2/2015 19:00:53	14.27	49.87	32.65	8.26	8.09	71.7	3.163	98.6	7.4	1.8
1001	11/2/2015 19:15:54	14.31	49.84	32.63	8.22	8.09	65.2	3.055	98.2	6.5	1.6
1002	11/2/2015 19:30:54	14.54	49.78	32.59	8.12	8.07	79.8	2.990	97.4	6.7	1.6
1003	11/2/2015 19:45:53	14.79	49.70	32.54	8.01	8.05	80.6	2.905	96.6	6.9	1.6
1004	11/2/2015 20:00:53	14.87	49.63	32.49	7.99	8.05	79.0	2.808	96.5	6.7	1.6
1005	11/2/2015 20:15:53	14.86	49.62	32.48	8.01	8.05	98.2	2.732	96.7	6.8	1.6
1006	11/2/2015 20:30:54	14.86	49.60	32.47	7.97	8.04	97.1	2.622	96.2	7.5	1.8
1007	11/2/2015 20:45:53	14.83	49.58	32.45	7.97	8.04	119.0	2.541	96.1	8.1	1.9
1008	11/2/2015 21:00:53	14.70	49.60	32.46	7.97	8.03	114.3	2.447	95.8	7.6	1.8
1009	11/2/2015 21:15:53	14.77	49.52	32.41	7.94	8.03	104.9	2.349	95.6	7.6	1.8
1010	11/2/2015 21:30:53	14.87	49.54	32.42	7.91	8.02	112.7	2.245	95.4	7.6	1.8
1011	11/2/2015 21:45:53	15.01	49.50	32.40	7.87	8.02	113.1	2.156	95.2	8.1	1.9
1012	11/2/2015 22:00:53	15.04	49.46	32.37	7.85	8.01	116.7	2.065	95.0	6.9	1.6
1013	11/2/2015 22:15:53	15.01	49.46	32.37	7.81	8.01	100.7	1.969	94.5	7.4	1.8
1014	11/2/2015 22:30:54	14.63	49.50	32.39	7.81	8.00	58.4	1.878	93.8	4.7	1.1
1015	11/2/2015 22:45:54	14.64	49.57	32.44	7.79	8.00	48.2	1.811	93.5	5.0	1.2
1016	11/2/2015 23:00:53	14.77	49.49	32.38	7.74	8.00	38.9	1.741	93.2	3.9	0.9
1017	11/2/2015 23:15:53	14.88	49.50	32.39	7.70	8.00	35.3	1.690	93.0	4.3	1.0
1018	11/2/2015 23:30:53	15.03	49.33	32.27	7.64	8.00	25.4	1.664	92.4	4.0	1.0
1019	11/2/2015 23:45:53	15.06	49.29	32.25	7.79	8.00	35.8	1.664	94.2	4.7	1.1
1020	11/3/2015 00:00:53	15.10	49.30	32.25	7.82	8.00	35.0	1.649	94.7	4.5	1.1
1021	11/3/2015 00:15:54	15.15	49.31	32.26	7.87	8.00	31.7	1.661	95.5	4.7	1.1
1022	11/3/2015 00:30:54	15.13	49.30	32.25	7.88	8.00	28.0	1.693	95.4	4.8	1.1
1023	11/3/2015 00:45:53	15.24	49.23	32.20	7.86	8.00	29.0	1.761	95.4	4.8	1.1
1024	11/3/2015 01:00:54	15.20	49.36	32.30	7.85	8.00	31.3	1.838	95.3	4.3	1.0
1025	11/3/2015 01:15:53	15.21	49.32	32.27	7.83	8.00	32.8	1.886	95.1	4.1	1.0
1026	11/3/2015 01:30:53	15.16	49.24	32.21	7.83	7.99	27.9	1.948	94.9	3.7	0.9
1027	11/3/2015 01:45:53	15.14	49.15	32.14	7.85	7.99	24.7	2.028	95.1	4.3	1.0
1028	11/3/2015 02:00:53	15.17	49.17	32.16	7.88	7.99	24.8	2.097	95.4	3.9	0.9
1029	11/3/2015 02:15:53	15.14	49.21	32.19	7.85	8.00	27.3	2.176	95.1	4.1	1.0
1030	11/3/2015 02:30:53	15.08	49.28	32.24	7.84	8.00	23.9	2.247	94.9	3.7	0.9
1031	11/3/2015 02:45:53	15.03	49.22	32.19	7.86	8.00	26.0	2.322	95.0	4.2	1.0
1032	11/3/2015 03:00:53	15.06	49.35	32.29	7.89	8.01	28.9	2.408	95.5	3.6	0.8
1033	11/3/2015 03:15:53	15.01	49.49	32.39	7.96	8.02	28.7	2.476	96.3	3.2	0.8
1034	11/3/2015 03:30:53	14.99	49.53	32.42	7.96	8.02	25.5	2.559	96.3	3.1	0.7
1035	11/3/2015 03:45:53	14.94	49.58	32.45	7.97	8.02	23.6	2.627	96.4	2.8	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1036	11/3/2015 04:00:53	14.88	49.60	32.47	7.96	8.03	22.1	2.709	96.1	4.6	1.1
1037	11/3/2015 04:15:54	14.87	49.55	32.43	7.96	8.03	25.0	2.777	96.1	3.5	0.8
1038	11/3/2015 04:30:54	14.83	49.60	32.47	7.97	8.03	29.2	2.843	96.1	3.1	0.7
1039	11/3/2015 04:45:53	14.77	49.60	32.47	7.99	8.04	25.8	2.911	96.2	3.8	0.9
1040	11/3/2015 05:00:53	14.73	49.57	32.44	7.98	8.04	24.4	2.980	96.1	3.5	0.8
1041	11/3/2015 05:15:53	14.63	49.65	32.50	8.08	8.05	29.1	3.060	97.0	3.5	0.8
1042	11/3/2015 05:30:53	14.54	49.64	32.49	8.14	8.06	32.3	3.119	97.6	3.9	0.9
1043	11/3/2015 05:45:54	14.43	49.76	32.58	8.22	8.07	28.4	3.171	98.4	3.6	0.9
1044	11/3/2015 06:00:53	14.32	49.76	32.57	8.29	8.08	18.8	3.246	99.0	4.5	1.1
1045	11/3/2015 06:15:53	14.23	49.83	32.62	8.33	8.09	15.1	3.294	99.3	3.7	0.9
1046	11/3/2015 06:30:53	14.25	49.82	32.61	8.31	8.09	12.1	3.329	99.1	3.1	0.7
1047	11/3/2015 06:45:53	14.20	49.86	32.63	8.23	8.08	7.1	3.374	98.1	2.5	0.6
1048	11/3/2015 07:00:54	14.32	49.72	32.54	7.98	8.07	6.6	3.383	95.3	3.2	0.8
1049	11/3/2015 07:15:54	14.26	49.82	32.61	7.96	8.06	7.1	3.378	95.0	2.9	0.7
1050	11/3/2015 07:30:54	14.18	49.78	32.58	7.84	8.05	9.3	3.362	93.3	2.2	0.5
1051	11/3/2015 07:45:53	14.26	49.66	32.50	7.80	8.04	9.0	3.333	93.0	2.8	0.7
1052	11/3/2015 08:00:54	14.29	49.72	32.54	8.02	8.06	15.3	3.286	95.7	3.1	0.7
1053	11/3/2015 08:15:53	14.38	49.65	32.49	7.88	8.05	16.2	3.245	94.2	2.6	0.6
1054	11/3/2015 08:30:53	14.34	49.59	32.45	7.89	8.05	13.8	3.186	94.2	2.8	0.7
1055	11/3/2015 08:45:53	14.23	49.74	32.55	8.00	8.06	10.6	3.127	95.3	2.5	0.6
1056	11/3/2015 09:00:54	14.21	49.75	32.56	8.05	8.06	9.4	3.073	95.9	2.3	0.6
1057	11/3/2015 09:15:53	14.30	49.64	32.48	7.97	8.05	9.2	3.004	95.1	2.7	0.7
1058	11/3/2015 09:30:53	14.38	49.61	32.46	7.83	8.03	12.7	2.947	93.5	2.5	0.6
1059	11/3/2015 09:45:53	14.41	49.64	32.48	7.76	8.03	12.4	2.888	92.8	2.6	0.6
1060	11/3/2015 10:00:53	14.41	49.62	32.47	7.72	8.02	12.9	2.826	92.3	2.5	0.6
1061	11/3/2015 10:15:54	14.43	49.58	32.44	7.68	8.01	12.0	2.768	91.9	3.0	0.7
1062	11/3/2015 10:30:54	14.50	49.62	32.47	7.81	8.03	8.2	2.715	93.6	2.2	0.5
1063	11/3/2015 10:45:53	14.51	49.61	32.47	7.69	8.01	9.5	2.647	92.2	2.9	0.7
1064	11/3/2015 11:00:53	14.51	49.62	32.47	7.68	8.01	10.6	2.601	92.0	1.5	0.4
1065	11/3/2015 11:15:53	14.50	49.62	32.47	7.65	8.01	9.2	2.571	91.6	1.9	0.5
1066	11/3/2015 11:30:54	14.47	49.60	32.45	7.64	8.00	10.9	2.521	91.5	2.9	0.7
1067	11/3/2015 11:45:54	14.56	49.62	32.48	7.78	8.02	9.3	2.484	93.3	2.0	0.5
1068	11/3/2015 12:00:53	14.59	49.59	32.45	7.88	8.03	9.4	2.462	94.6	2.2	0.5
1069	11/3/2015 12:15:53	14.62	49.55	32.42	7.89	8.03	8.7	2.433	94.7	2.4	0.6
1070	11/3/2015 12:30:53	14.65	49.62	32.47	7.90	8.03	11.7	2.423	94.9	2.4	0.6
1071	11/3/2015 12:45:53	14.69	49.62	32.48	8.02	8.03	10.8	2.445	96.4	2.2	0.5
1072	11/3/2015 13:00:54	14.62	49.56	32.43	7.98	8.03	8.5	2.430	95.8	2.4	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1073	11/3/2015 13:15:53	14.71	49.51	32.40	7.98	8.02	8.2	2.456	96.0	2.5	0.6
1074	11/3/2015 13:30:53	14.66	49.53	32.41	7.86	8.01	9.3	2.511	94.4	3.4	0.8
1075	11/3/2015 13:45:53	14.69	49.56	32.43	7.92	8.02	9.2	2.533	95.2	2.6	0.6
1076	11/3/2015 14:00:53	14.68	49.53	32.41	7.84	8.01	10.6	2.596	94.2	2.5	0.6
1077	11/3/2015 14:15:53	14.66	49.56	32.43	7.84	8.01	10.1	2.620	94.2	2.9	0.7
1078	11/3/2015 14:30:54	14.67	49.58	32.45	7.84	8.02	10.1	2.688	94.2	2.5	0.6
1079	11/3/2015 14:45:53	14.68	49.54	32.42	7.88	8.02	9.5	2.746	94.8	2.0	0.5
1080	11/3/2015 15:00:53	14.66	49.55	32.43	7.90	8.02	10.3	2.791	95.0	2.6	0.6
1081	11/3/2015 15:15:53	14.64	49.54	32.41	7.90	8.03	10.3	2.849	94.9	2.6	0.6
1082	11/3/2015 15:30:54	14.62	49.59	32.46	7.97	8.03	10.3	2.901	95.6	1.7	0.4
1083	11/3/2015 15:45:53	14.54	49.62	32.48	8.01	8.04	11.0	2.939	96.0	2.5	0.6
1084	11/3/2015 16:00:54	14.52	49.67	32.51	8.09	8.05	10.3	3.000	97.0	2.7	0.6
1085	11/3/2015 16:15:53	14.50	49.65	32.49	8.14	8.05	8.0	3.062	97.5	2.0	0.5
1086	11/3/2015 16:30:53	14.49	49.72	32.54	8.15	8.06	7.8	3.109	97.7	2.4	0.6
1087	11/3/2015 16:45:53	14.47	49.68	32.52	8.16	8.06	7.4	3.159	97.7	2.6	0.6
1088	11/3/2015 17:00:54	14.45	49.75	32.57	8.19	8.06	6.8	3.190	98.0	2.5	0.6
1089	11/3/2015 17:15:54	14.44	49.71	32.54	8.21	8.06	6.2	3.232	98.3	2.4	0.6
1090	11/3/2015 17:30:53	14.42	49.75	32.57	8.19	8.07	5.9	3.262	98.1	2.0	0.5
1091	11/3/2015 17:45:54	14.41	49.80	32.60	8.13	8.07	4.8	3.295	97.3	2.4	0.6
1092	11/3/2015 18:00:54	14.66	49.84	32.64	8.16	8.08	6.7	3.300	98.1	3.1	0.7
1093	11/3/2015 18:15:53	14.40	49.82	32.61	7.93	8.05	3.1	3.305	94.9	3.6	0.9
1094	11/3/2015 18:30:53	14.44	49.79	32.60	7.97	8.05	5.9	3.300	95.4	1.6	0.4
1095	11/3/2015 18:45:53	14.35	49.77	32.57	8.08	8.05	24.3	3.274	96.6	3.6	0.9
1096	11/3/2015 19:00:54	14.25	49.76	32.57	8.08	8.06	24.7	3.234	96.4	3.9	0.9
1097	11/3/2015 19:15:54	14.21	49.75	32.56	8.08	8.06	24.4	3.196	96.3	4.1	1.0
1098	11/3/2015 19:30:53	14.19	49.69	32.52	8.11	8.06	25.7	3.136	96.5	3.6	0.9
1099	11/3/2015 19:45:53	14.17	49.75	32.56	8.13	8.07	24.0	3.074	96.8	3.1	0.7
1100	11/3/2015 20:00:53	14.17	49.75	32.56	8.14	8.07	18.9	3.015	97.0	4.2	1.0
1101	11/3/2015 20:15:53	14.15	49.77	32.57	8.15	8.07	19.4	2.944	97.0	3.4	0.8
1102	11/3/2015 20:30:54	14.19	49.69	32.51	8.13	8.06	19.0	2.872	96.8	3.2	0.8
1103	11/3/2015 20:45:53	14.12	49.72	32.53	8.10	8.06	15.1	2.789	96.3	3.6	0.8
1104	11/3/2015 21:00:53	14.15	49.63	32.47	8.07	8.06	15.0	2.721	96.0	3.7	0.9
1105	11/3/2015 21:15:53	14.19	49.71	32.53	8.03	8.05	19.0	2.640	95.7	4.1	1.0
1106	11/3/2015 21:30:53	14.29	49.66	32.49	7.98	8.04	23.9	2.562	95.3	3.7	0.9
1107	11/3/2015 21:45:53	14.32	49.65	32.49	7.97	8.04	21.7	2.486	95.1	3.0	0.7
1108	11/3/2015 22:00:53	14.16	49.71	32.53	7.93	8.03	17.0	2.405	94.4	3.6	0.9
1109	11/3/2015 22:15:53	14.21	49.66	32.49	7.88	8.02	20.0	2.308	93.9	2.6	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1110	11/3/2015 22:30:53	14.33	49.60	32.46	7.87	8.02	21.3	2.236	93.9	3.7	0.9
1111	11/3/2015 22:45:53	14.28	49.53	32.40	7.77	8.01	20.9	2.146	92.6	3.8	0.9
1112	11/3/2015 23:00:53	14.29	49.57	32.43	7.75	8.01	19.5	2.051	92.4	3.4	0.8
1113	11/3/2015 23:15:53	14.36	49.53	32.40	7.73	8.00	19.4	1.988	92.3	3.3	0.8
1114	11/3/2015 23:30:53	14.17	49.57	32.43	7.66	7.99	17.4	1.906	91.1	2.6	0.6
1115	11/3/2015 23:45:53	14.20	49.63	32.47	7.65	7.99	19.1	1.832	91.1	3.8	0.9
1116	11/4/2015 00:00:54	14.24	49.47	32.36	7.66	7.99	16.1	1.800	91.3	3.5	0.8
1117	11/4/2015 00:15:54	14.36	49.51	32.39	7.66	7.99	17.5	1.767	91.5	3.2	0.8
1118	11/4/2015 00:30:54	14.41	49.50	32.38	7.64	7.99	14.2	1.733	91.3	3.1	0.7
1119	11/4/2015 00:45:54	14.46	49.43	32.33	7.67	7.99	13.7	1.729	91.7	4.0	1.0
1120	11/4/2015 01:00:54	14.46	49.48	32.37	7.73	7.99	15.3	1.726	92.5	3.2	0.8
1121	11/4/2015 01:15:54	14.44	49.42	32.32	7.81	8.00	14.8	1.752	93.3	3.7	0.9
1122	11/4/2015 01:30:53	14.44	49.41	32.32	7.79	8.00	15.4	1.779	93.1	3.5	0.8
1123	11/4/2015 01:45:53	14.48	49.44	32.34	7.79	7.99	16.9	1.830	93.2	3.1	0.7
1124	11/4/2015 02:00:54	14.48	49.46	32.36	7.80	7.99	18.5	1.880	93.3	3.1	0.7
1125	11/4/2015 02:15:54	14.47	49.47	32.36	7.79	7.99	16.6	1.936	93.2	3.1	0.7
1126	11/4/2015 02:30:53	14.20	49.11	32.09	7.89	7.99	17.0	1.997	93.7	3.2	0.8
1127	11/4/2015 02:45:54	14.24	49.17	32.14	7.88	8.00	16.2	2.065	93.7	3.4	0.8
1128	11/4/2015 03:00:54	14.35	49.29	32.23	7.85	8.00	18.4	2.126	93.6	3.1	0.7
1129	11/4/2015 03:15:53	14.38	49.33	32.25	7.81	8.00	15.1	2.195	93.3	3.4	0.8
1130	11/4/2015 03:30:53	14.38	49.39	32.30	7.82	8.00	15.0	2.263	93.4	3.1	0.7
1131	11/4/2015 03:45:53	14.38	49.40	32.31	7.83	8.00	17.0	2.335	93.5	3.8	0.9
1132	11/4/2015 04:00:53	14.38	49.49	32.37	7.83	8.01	14.5	2.398	93.6	3.2	0.8
1133	11/4/2015 04:15:53	14.41	49.56	32.43	7.89	8.02	14.9	2.467	94.3	3.5	0.8
1134	11/4/2015 04:30:53	14.38	49.63	32.48	7.92	8.02	14.6	2.557	94.6	3.3	0.8
1135	11/4/2015 04:45:53	14.34	49.61	32.46	7.93	8.03	14.5	2.632	94.7	3.4	0.8
1136	11/4/2015 05:00:53	14.34	49.71	32.53	7.93	8.03	12.8	2.702	94.8	3.3	0.8
1137	11/4/2015 05:15:53	14.32	49.72	32.54	7.94	8.03	11.5	2.775	94.9	3.4	0.8
1138	11/4/2015 05:30:53	14.30	49.69	32.52	7.98	8.04	13.0	2.858	95.2	2.7	0.6
1139	11/4/2015 05:45:53	14.27	49.70	32.52	7.99	8.04	14.8	2.926	95.3	2.6	0.6
1140	11/4/2015 06:00:53	14.26	49.66	32.49	8.03	8.05	14.8	2.999	95.8	3.0	0.7
1141	11/4/2015 06:15:53	14.17	49.76	32.57	8.14	8.06	18.4	3.072	96.9	3.7	0.9
1142	11/4/2015 06:30:53	14.10	49.78	32.58	8.19	8.07	16.7	3.135	97.4	2.9	0.7
1143	11/4/2015 06:45:53	14.03	49.82	32.61	8.27	8.08	21.0	3.199	98.3	3.7	0.9
1144	11/4/2015 07:00:54	13.99	49.88	32.65	8.30	8.08	14.3	3.254	98.6	2.8	0.7
1145	11/4/2015 07:15:54	13.90	49.92	32.67	8.42	8.09	10.7	3.305	99.7	2.8	0.7
1146	11/4/2015 07:30:54	13.87	49.92	32.67	8.37	8.10	9.1	3.353	99.1	3.8	0.9

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1147	11/4/2015 07:45:53	13.83	49.88	32.64	8.14	8.08	11.0	3.375	96.3	2.6	0.6
1148	11/4/2015 08:00:54	13.86	49.82	32.60	7.83	8.06	6.6	3.384	92.7	2.3	0.5
1149	11/4/2015 08:15:54	13.83	49.90	32.66	7.94	8.08	7.0	3.390	93.9	1.3	0.3
1150	11/4/2015 08:30:53	12.68	49.53	32.34	7.10	7.95	11.4	3.379	81.9	2.9	0.7
1151	11/4/2015 08:45:53	13.66	49.78	32.56	7.61	8.05	9.2	3.337	89.7	1.7	0.4
1152	11/4/2015 09:00:53	13.80	49.80	32.58	7.79	8.07	10.7	3.286	92.1	2.4	0.6
1153	11/4/2015 09:15:54	13.87	49.79	32.58	7.71	8.05	11.0	3.229	91.3	2.5	0.6
1154	11/4/2015 09:30:54	13.87	49.83	32.61	7.89	8.07	8.2	3.176	93.4	2.0	0.5
1155	11/4/2015 09:45:54	13.92	49.83	32.61	8.02	8.08	8.2	3.101	95.0	2.3	0.5
1156	11/4/2015 10:00:54	13.99	49.83	32.61	7.95	8.07	7.8	3.034	94.4	1.7	0.4
1157	11/4/2015 10:15:54	14.02	49.69	32.51	7.83	8.05	7.4	2.974	92.9	2.5	0.6
1158	11/4/2015 10:30:54	13.98	49.73	32.54	7.71	8.04	8.9	2.911	91.5	2.0	0.5
1159	11/4/2015 10:45:54	13.96	49.72	32.53	7.70	8.03	9.0	2.836	91.3	2.0	0.5
1160	11/4/2015 11:00:54	13.97	49.70	32.52	7.71	8.03	8.2	2.769	91.5	2.0	0.5
1161	11/4/2015 11:15:54	13.99	49.67	32.49	7.73	8.03	9.0	2.729	91.7	2.7	0.6
1162	11/4/2015 11:30:54	13.95	49.67	32.49	7.64	8.02	8.9	2.653	90.5	2.4	0.6
1163	11/4/2015 11:45:54	14.06	49.68	32.50	7.74	8.03	7.4	2.596	91.9	2.2	0.5
1164	11/4/2015 12:00:53	14.05	49.65	32.48	7.67	8.03	6.2	2.538	91.0	2.1	0.5
1165	11/4/2015 12:15:54	14.05	49.62	32.46	7.66	8.02	6.5	2.489	90.9	2.5	0.6
1166	11/4/2015 12:30:54	14.10	49.62	32.46	7.67	8.02	7.0	2.436	91.2	2.1	0.5
1167	11/4/2015 12:45:54	14.15	49.65	32.48	7.64	8.02	6.2	2.389	90.9	1.9	0.5
1168	11/4/2015 13:00:54	14.18	49.58	32.43	7.61	8.02	6.2	2.352	90.6	1.7	0.4
1169	11/4/2015 13:15:54	14.21	49.63	32.47	7.59	8.02	5.3	2.342	90.4	1.5	0.3
1170	11/4/2015 13:30:53	14.21	49.62	32.47	7.43	8.01	5.0	2.299	88.5	2.2	0.5
1171	11/4/2015 13:45:53	14.19	49.60	32.45	7.31	8.00	5.2	2.295	87.0	1.4	0.3
1172	11/4/2015 14:00:53	14.21	49.60	32.45	7.58	8.01	6.5	2.296	90.3	2.0	0.5
1173	11/4/2015 14:15:54	14.25	49.64	32.48	7.85	8.04	6.8	2.311	93.6	2.4	0.6
1174	11/4/2015 14:30:54	14.25	49.57	32.43	7.85	8.03	6.8	2.321	93.5	2.5	0.6
1175	11/4/2015 14:45:54	14.22	49.59	32.44	7.81	8.03	7.3	2.358	93.0	2.4	0.6
1176	11/4/2015 15:00:54	14.21	49.59	32.44	7.73	8.02	7.4	2.411	92.1	1.8	0.4
1177	11/4/2015 15:15:54	14.22	49.59	32.44	7.73	8.02	8.4	2.456	92.1	2.5	0.6
1178	11/4/2015 15:30:53	14.21	49.60	32.45	7.73	8.02	7.9	2.502	92.0	3.2	0.8
1179	11/4/2015 15:45:53	14.21	49.59	32.44	7.72	8.03	8.4	2.548	92.0	2.5	0.6
1180	11/4/2015 16:00:54	14.23	49.61	32.46	7.81	8.04	7.6	2.617	93.0	1.7	0.4
1181	11/4/2015 16:15:54	14.23	49.62	32.46	7.83	8.04	7.3	2.669	93.3	1.8	0.4
1182	11/4/2015 16:30:54	14.19	49.66	32.49	7.84	8.04	6.7	2.716	93.3	2.8	0.7
1183	11/4/2015 16:45:54	14.18	49.65	32.48	7.89	8.05	6.2	2.764	93.9	2.0	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1184	11/4/2015 17:00:54	14.15	49.64	32.48	7.88	8.05	6.0	2.828	93.8	2.1	0.5
1185	11/4/2015 17:15:53	14.12	49.68	32.51	7.79	8.05	6.4	2.862	92.6	2.2	0.5
1186	11/4/2015 17:30:53	14.11	49.65	32.48	7.75	8.05	5.6	2.912	92.2	2.3	0.6
1187	11/4/2015 17:45:53	14.11	49.62	32.46	7.77	8.05	5.8	2.964	92.4	1.8	0.4
1188	11/4/2015 18:00:53	14.10	49.69	32.51	7.81	8.06	5.8	2.999	92.8	2.9	0.7
1189	11/4/2015 18:15:54	14.09	49.71	32.53	7.83	8.06	5.7	3.043	93.1	2.3	0.5
1190	11/4/2015 18:30:54	14.08	49.72	32.54	7.88	8.06	5.9	3.080	93.6	2.5	0.6
1191	11/4/2015 18:45:54	14.08	49.72	32.54	7.92	8.06	6.0	3.113	94.1	2.2	0.5
1192	11/4/2015 19:00:53	14.07	49.71	32.52	7.91	8.06	4.8	3.139	94.0	2.7	0.6
1193	11/4/2015 19:15:54	14.10	49.78	32.58	7.95	8.06	4.5	3.158	94.6	2.4	0.6
1194	11/4/2015 19:30:54	14.13	49.67	32.50	7.81	8.05	5.1	3.171	92.9	2.9	0.7
1195	11/4/2015 19:45:54	14.09	49.64	32.48	7.78	8.05	4.1	3.171	92.5	2.3	0.6
1196	11/4/2015 20:00:53	14.10	49.62	32.46	7.80	8.05	7.0	3.158	92.7	1.7	0.4
1197	11/4/2015 20:15:53	14.36	49.80	32.60	7.93	8.13	15.0	3.120	94.8	3.5	0.8
1198	11/4/2015 20:30:53	13.92	49.70	32.51	7.85	8.09	14.0	3.089	93.0	4.4	1.0
1199	11/4/2015 20:45:54	13.87	49.74	32.54	7.74	8.04	11.4	3.039	91.6	3.5	0.8
1200	11/4/2015 21:00:54	13.90	49.73	32.53	7.68	8.05	10.8	2.973	91.0	2.0	0.5
1201	11/4/2015 21:15:54	13.98	49.75	32.55	7.84	8.05	9.1	2.918	93.0	1.9	0.4
1202	11/4/2015 21:30:54	13.99	49.73	32.54	7.89	8.05	7.5	2.850	93.6	2.5	0.6
1203	11/4/2015 21:45:54	13.94	49.69	32.51	7.83	8.04	8.1	2.777	92.7	3.4	0.8
1204	11/4/2015 22:00:54	13.97	49.73	32.54	7.87	8.04	11.0	2.713	93.3	2.3	0.5
1205	11/4/2015 22:15:54	13.96	49.71	32.52	7.84	8.04	10.4	2.634	92.9	3.4	0.8
1206	11/4/2015 22:30:54	13.90	49.73	32.54	7.86	8.04	9.5	2.572	93.1	2.0	0.5
1207	11/4/2015 22:45:54	13.88	49.71	32.52	7.81	8.04	9.9	2.487	92.5	2.7	0.6
1208	11/4/2015 23:00:54	13.85	49.67	32.49	7.78	8.03	10.9	2.408	92.0	3.0	0.7
1209	11/4/2015 23:15:54	13.82	49.68	32.50	7.74	8.03	9.8	2.331	91.5	3.2	0.8
1210	11/4/2015 23:30:53	13.72	49.67	32.49	7.69	8.02	9.6	2.254	90.7	2.7	0.6
1211	11/4/2015 23:45:53	13.68	49.64	32.46	7.70	8.02	10.1	2.168	90.8	2.6	0.6
1212	11/5/2015 00:00:53	13.69	49.57	32.41	7.70	8.02	10.3	2.100	90.7	2.4	0.6
1213	11/5/2015 00:15:53	13.67	49.68	32.49	7.69	8.02	10.3	2.037	90.5	3.2	0.8
1214	11/5/2015 00:30:54	13.62	49.69	32.49	7.67	8.01	10.1	1.962	90.3	2.3	0.6
1215	11/5/2015 00:45:54	13.59	49.66	32.47	7.65	8.01	9.9	1.907	90.0	2.9	0.7
1216	11/5/2015 01:00:54	13.67	49.63	32.45	7.70	8.01	8.9	1.873	90.7	3.5	0.8
1217	11/5/2015 01:15:53	13.73	49.48	32.34	7.74	8.01	9.2	1.843	91.2	2.9	0.7
1218	11/5/2015 01:30:54	13.78	49.55	32.40	7.75	8.02	8.6	1.814	91.5	3.0	0.7
1219	11/5/2015 01:45:54	13.77	49.51	32.37	7.46	8.00	6.2	1.810	88.0	2.4	0.6
1220	11/5/2015 02:00:54	13.76	49.55	32.40	7.86	8.02	9.7	1.826	92.7	2.2	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1221	11/5/2015 02:15:54	13.75	49.52	32.38	7.86	8.02	9.2	1.841	92.7	2.7	0.6
1222	11/5/2015 02:30:54	13.78	49.55	32.40	7.86	8.02	8.9	1.865	92.7	2.2	0.5
1223	11/5/2015 02:45:54	13.80	49.51	32.37	7.89	8.02	10.4	1.920	93.1	3.0	0.7
1224	11/5/2015 03:00:53	13.79	49.54	32.39	7.89	8.02	9.7	1.976	93.1	2.3	0.5
1225	11/5/2015 03:15:54	13.78	49.52	32.38	7.87	8.02	9.2	2.028	92.9	3.0	0.7
1226	11/5/2015 03:30:54	13.40	49.17	32.11	7.93	8.01	11.1	2.077	92.7	3.6	0.9
1227	11/5/2015 03:45:53	13.32	49.12	32.07	7.96	8.01	10.9	2.152	92.9	2.8	0.7
1228	11/5/2015 04:00:54	13.48	49.28	32.19	7.91	8.02	11.0	2.217	92.7	2.8	0.7
1229	11/5/2015 04:15:54	13.61	49.40	32.29	7.87	8.02	10.0	2.287	92.5	2.4	0.6
1230	11/5/2015 04:30:53	13.61	49.40	32.28	7.85	8.01	8.7	2.353	92.3	2.8	0.7
1231	11/5/2015 04:45:53	13.61	49.30	32.21	7.86	8.01	8.9	2.427	92.3	1.9	0.5
1232	11/5/2015 05:00:54	13.66	49.48	32.35	7.85	8.02	9.4	2.507	92.3	2.6	0.6
1233	11/5/2015 05:15:54	13.79	49.56	32.41	7.86	8.03	9.0	2.574	92.8	2.7	0.6
1234	11/5/2015 05:30:54	13.85	49.63	32.46	7.86	8.03	8.7	2.655	92.9	2.6	0.6
1235	11/5/2015 05:45:54	13.86	49.63	32.46	7.88	8.03	7.8	2.724	93.2	2.2	0.5
1236	11/5/2015 06:00:53	13.86	49.66	32.49	7.87	8.03	9.5	2.806	93.0	2.7	0.6
1237	11/5/2015 06:15:54	13.84	49.66	32.48	7.88	8.04	11.0	2.882	93.2	2.5	0.6
1238	11/5/2015 06:30:54	13.82	49.68	32.50	7.91	8.04	10.6	2.951	93.5	3.5	0.8
1239	11/5/2015 06:45:53	13.81	49.61	32.44	7.95	8.05	10.5	3.027	93.9	1.9	0.4
1240	11/5/2015 07:00:53	13.80	49.69	32.50	8.01	8.05	11.5	3.099	94.6	3.2	0.8
1241	11/5/2015 07:15:53	13.73	49.71	32.52	8.09	8.06	13.2	3.168	95.4	2.3	0.5
1242	11/5/2015 07:30:53	13.66	49.67	32.49	8.17	8.07	11.5	3.240	96.3	2.4	0.6
1243	11/5/2015 07:45:54	13.60	49.82	32.59	8.25	8.08	12.3	3.293	97.1	3.0	0.7
1244	11/5/2015 08:00:54	13.45	49.85	32.61	8.30	8.08	9.9	3.352	97.4	3.1	0.7
1245	11/5/2015 08:15:54	13.35	49.90	32.64	8.34	8.08	8.6	3.398	97.7	3.2	0.8
1246	11/5/2015 08:30:53	13.32	49.85	32.61	8.31	8.08	6.3	3.426	97.3	3.1	0.7
1247	11/5/2015 08:45:53	13.40	49.63	32.44	7.84	8.04	5.6	3.445	91.9	2.3	0.6
1248	11/5/2015 09:00:53	13.36	49.79	32.56	8.01	8.06	5.1	3.467	93.9	2.2	0.5
1249	11/5/2015 09:15:53	13.30	49.84	32.60	8.03	8.06	4.8	3.453	94.0	1.5	0.3
1250	11/5/2015 09:30:53	13.32	49.74	32.52	7.95	8.06	7.6	3.415	93.0	2.1	0.5
1251	11/5/2015 09:45:53	13.39	49.75	32.53	8.03	8.06	8.2	3.384	94.1	1.8	0.4
Mean		14.87	49.92	32.70	7.92	8.04	9.05	2.76	95.76	2.70	0.64
Minimum		12.68	49.11	32.07	7.10	7.94	1.40	1.06	81.90	0.50	0.10
Maximum		16.51	50.45	33.05	8.96	8.15	119.00	4.26	109.40	12.60	3.00

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
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 Began 11/1/15 @ 2:00 am

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	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
0	11/5/2015 09:31:10	13.72	49.27	32.20	7.78	8.01	5.8	3.119	91.6	2.2	0.5
1	11/5/2015 09:46:11	13.73	49.19	32.14	7.73	8.00	6.5	3.037	91.0	2.3	0.5
2	11/5/2015 10:01:10	13.81	49.22	32.16	7.63	7.99	5.4	2.963	90.0	2.2	0.5
3	11/5/2015 10:16:11	13.75	49.12	32.09	7.44	7.97	6.8	2.893	87.6	2.5	0.6
4	11/5/2015 10:31:11	13.83	49.28	32.20	7.46	7.97	5.9	2.812	88.1	2.1	0.5
5	11/5/2015 10:46:11	13.78	49.14	32.10	7.43	7.96	5.9	2.726	87.6	2.5	0.6
6	11/5/2015 11:01:11	13.70	49.21	32.15	7.38	7.96	5.6	2.680	86.8	2.3	0.5
7	11/5/2015 11:16:11	13.74	49.29	32.21	7.41	7.96	6.1	2.599	87.3	2.5	0.6
8	11/5/2015 11:31:11	13.70	49.24	32.17	7.42	7.96	5.3	2.525	87.3	2.2	0.5
9	11/5/2015 11:46:11	13.69	49.22	32.16	7.42	7.96	6.0	2.466	87.3	2.4	0.6
10	11/5/2015 12:01:11	13.75	49.08	32.05	7.47	7.96	5.9	2.383	87.9	2.3	0.5
11	11/5/2015 12:16:11	13.77	49.14	32.10	7.48	7.97	5.1	2.332	88.1	2.4	0.6
12	11/5/2015 12:31:11	13.83	49.18	32.13	7.51	7.97	5.4	2.269	88.6	2.1	0.5
13	11/5/2015 12:46:11	13.89	49.30	32.22	7.43	7.98	4.5	2.203	87.8	2.7	0.6
14	11/5/2015 13:01:11	13.95	49.40	32.30	7.52	7.99	3.7	2.159	89.0	1.5	0.3
15	11/5/2015 13:16:11	13.98	49.38	32.28	7.53	7.98	3.7	2.125	89.2	1.8	0.4
16	11/5/2015 13:31:11	13.96	49.45	32.33	7.24	7.97	4.0	2.095	85.8	2.5	0.6
17	11/5/2015 13:46:11	14.11	49.26	32.20	7.98	8.02	3.6	2.087	94.7	2.5	0.6
18	11/5/2015 14:01:11	14.00	49.40	32.30	7.75	8.00	4.1	2.083	91.8	2.8	0.6
19	11/5/2015 14:16:11	13.97	49.20	32.15	7.65	7.99	4.1	2.100	90.5	2.7	0.6
20	11/5/2015 14:31:11	13.94	49.25	32.19	7.60	7.98	4.6	2.135	89.8	3.1	0.7
21	11/5/2015 14:46:11	13.93	49.21	32.16	7.57	7.98	5.1	2.168	89.4	2.8	0.7
22	11/5/2015 15:01:11	13.90	49.24	32.18	7.52	7.97	5.1	2.212	88.8	2.6	0.6
23	11/5/2015 15:16:11	13.88	49.41	32.30	7.49	7.97	5.8	2.280	88.6	2.8	0.6
24	11/5/2015 15:31:11	13.77	49.17	32.12	7.58	7.97	6.3	2.323	89.2	3.2	0.7
25	11/5/2015 15:46:11	13.79	49.15	32.11	7.56	7.97	6.5	2.393	89.1	3.3	0.8
26	11/5/2015 16:01:11	13.91	49.44	32.32	7.58	7.98	5.8	2.454	89.6	2.7	0.6
27	11/5/2015 16:16:11	13.94	49.43	32.32	7.62	7.99	4.8	2.501	90.1	3.3	0.8
28	11/5/2015 16:31:11	13.94	49.38	32.28	7.61	7.99	4.2	2.568	90.0	2.9	0.7
29	11/5/2015 16:46:11	13.91	49.28	32.21	7.56	7.99	4.2	2.608	89.3	2.6	0.6
30	11/5/2015 17:01:11	13.87	49.41	32.30	7.47	7.98	4.5	2.664	88.2	2.2	0.5
31	11/5/2015 17:16:11	13.86	49.27	32.20	7.47	7.99	4.2	2.721	88.2	2.6	0.6
32	11/5/2015 17:31:11	13.85	49.23	32.17	7.47	7.99	4.6	2.768	88.2	3.0	0.7
33	11/5/2015 17:46:11	13.84	49.32	32.24	7.48	7.99	4.5	2.824	88.3	3.1	0.7
34	11/5/2015 18:01:11	13.84	49.40	32.29	7.49	7.99	4.1	2.870	88.4	2.9	0.7
35	11/5/2015 18:16:11	13.83	49.43	32.31	7.51	8.00	5.7	2.925	88.6	3.0	0.7
36	11/5/2015 18:31:11	13.79	49.50	32.36	7.50	8.00	4.3	2.967	88.5	2.6	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
37	11/5/2015 18:46:11	13.77	49.55	32.40	7.51	8.00	4.0	3.004	88.6	3.2	0.8
38	11/5/2015 19:01:11	13.75	49.59	32.43	7.51	8.00	3.5	3.048	88.6	2.8	0.7
39	11/5/2015 19:16:11	13.72	49.52	32.37	7.50	8.00	3.7	3.082	88.3	2.7	0.6
40	11/5/2015 19:31:11	13.69	49.56	32.40	7.50	8.00	3.2	3.099	88.4	2.7	0.6
41	11/5/2015 19:46:11	13.69	49.40	32.29	7.50	7.99	4.2	3.101	88.3	3.4	0.8
42	11/5/2015 20:01:11	13.71	49.44	32.32	7.34	7.98	3.3	3.120	86.5	2.6	0.6
43	11/5/2015 20:16:11	13.70	49.44	32.32	7.26	7.98	3.5	3.109	85.5	2.6	0.6
44	11/5/2015 20:31:10	13.64	49.11	32.08	7.23	7.97	4.5	3.069	85.0	2.3	0.5
45	11/5/2015 20:46:11	13.63	49.50	32.36	7.30	7.98	4.3	3.034	85.9	3.0	0.7
46	11/5/2015 21:01:11	13.64	49.33	32.24	7.27	7.98	5.1	2.988	85.5	2.7	0.6
47	11/5/2015 21:16:11	13.62	49.19	32.13	7.31	7.97	6.7	2.919	85.8	3.2	0.8
48	11/5/2015 21:31:11	13.64	49.28	32.20	7.32	7.97	6.7	2.850	86.0	3.1	0.7
49	11/5/2015 21:46:10	13.62	49.34	32.24	7.31	7.97	6.7	2.782	85.9	3.1	0.7
50	11/5/2015 22:01:11	13.59	49.19	32.13	7.28	7.97	6.2	2.719	85.4	2.5	0.6
51	11/5/2015 22:16:11	13.61	49.65	32.47	7.32	7.98	5.9	2.638	86.1	2.9	0.7
52	11/5/2015 22:31:11	13.54	49.34	32.24	7.37	7.98	6.7	2.555	86.5	3.1	0.7
53	11/5/2015 22:46:11	13.56	49.26	32.18	7.51	7.98	7.3	2.492	88.1	2.8	0.7
54	11/5/2015 23:01:11	13.61	49.58	32.42	7.48	7.98	6.9	2.412	88.0	2.8	0.7
55	11/5/2015 23:16:11	13.54	49.29	32.20	7.49	7.99	8.3	2.324	87.9	3.2	0.8
56	11/5/2015 23:31:11	13.42	49.38	32.27	7.43	7.98	8.8	2.250	87.0	3.2	0.8
57	11/5/2015 23:46:11	13.44	49.25	32.17	7.44	7.98	7.5	2.186	87.0	2.9	0.7
58	11/6/2015 00:01:11	13.33	49.65	32.46	7.40	7.97	7.8	2.099	86.6	3.0	0.7
59	11/6/2015 00:16:11	13.37	49.25	32.17	7.39	7.97	6.7	2.039	86.3	3.3	0.8
60	11/6/2015 00:31:11	13.37	49.61	32.43	7.35	7.97	6.5	1.982	86.1	3.3	0.8
61	11/6/2015 00:46:11	13.31	49.30	32.20	7.32	7.96	6.0	1.942	85.5	3.0	0.7
62	11/6/2015 01:01:11	13.31	49.40	32.28	7.30	7.96	5.2	1.892	85.3	3.2	0.8
63	11/6/2015 01:16:11	13.41	49.45	32.31	7.36	7.96	5.7	1.858	86.2	3.2	0.7
64	11/6/2015 01:31:11	13.41	49.43	32.30	7.40	7.97	4.5	1.850	86.6	3.3	0.8
65	11/6/2015 01:46:11	13.40	49.19	32.12	7.39	7.97	4.5	1.850	86.4	3.0	0.7
66	11/6/2015 02:01:11	13.38	49.42	32.29	7.42	7.97	5.1	1.856	86.8	3.0	0.7
67	11/6/2015 02:16:11	13.37	49.21	32.14	7.45	7.97	4.9	1.867	87.1	2.8	0.7
68	11/6/2015 02:31:11	13.40	49.41	32.28	7.45	7.97	4.5	1.915	87.2	2.8	0.7
69	11/6/2015 02:46:11	13.40	49.49	32.34	7.47	7.97	5.1	1.959	87.5	3.5	0.8
70	11/6/2015 03:01:11	13.39	49.45	32.31	7.48	7.97	5.1	2.000	87.5	3.0	0.7
71	11/6/2015 03:16:11	13.38	49.45	32.31	7.44	7.97	5.2	2.061	87.1	3.1	0.7
72	11/6/2015 03:31:11	13.00	49.09	32.04	7.39	7.95	6.6	2.128	85.6	3.3	0.8
73	11/6/2015 03:46:11	13.03	49.06	32.02	7.34	7.94	7.8	2.202	85.1	3.1	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
74	11/6/2015 04:01:11	13.13	49.13	32.07	7.33	7.95	7.0	2.267	85.2	3.1	0.7
75	11/6/2015 04:16:11	13.19	49.18	32.11	7.31	7.95	6.2	2.325	85.1	3.4	0.8
76	11/6/2015 04:31:11	13.19	49.28	32.18	7.30	7.95	5.9	2.409	85.0	2.9	0.7
77	11/6/2015 04:46:11	13.20	49.19	32.12	7.29	7.95	6.3	2.490	84.9	2.6	0.6
78	11/6/2015 05:01:11	13.32	49.31	32.21	7.31	7.96	6.6	2.556	85.3	3.1	0.7
79	11/6/2015 05:16:11	13.40	49.23	32.15	7.30	7.96	6.0	2.624	85.4	2.8	0.7
80	11/6/2015 05:31:11	13.46	49.50	32.35	7.30	7.97	7.3	2.705	85.6	3.3	0.8
81	11/6/2015 05:46:11	13.47	49.62	32.44	7.31	7.97	6.2	2.780	85.7	2.7	0.6
82	11/6/2015 06:01:11	13.48	49.59	32.42	7.30	7.97	7.9	2.859	85.7	3.3	0.8
83	11/6/2015 06:16:11	13.48	49.70	32.50	7.30	7.97	7.0	2.922	85.7	3.0	0.7
84	11/6/2015 06:31:11	13.46	49.46	32.32	7.33	7.98	8.0	3.008	85.9	3.1	0.7
85	11/6/2015 06:46:11	13.43	49.43	32.30	7.38	7.98	9.1	3.088	86.4	3.2	0.8
86	11/6/2015 07:01:11	13.30	49.64	32.44	7.44	7.98	10.8	3.149	86.9	2.9	0.7
87	11/6/2015 07:16:11	13.22	49.54	32.38	7.48	7.99	9.2	3.223	87.2	3.0	0.7
88	11/6/2015 07:31:11	13.09	49.58	32.40	7.46	7.98	8.8	3.292	86.8	3.2	0.8
89	11/6/2015 07:46:11	12.92	49.94	32.65	7.45	7.98	9.0	3.353	86.5	2.8	0.7
90	11/6/2015 08:01:11	12.76	49.74	32.50	7.45	7.98	7.3	3.403	86.2	2.6	0.6
91	11/6/2015 08:16:11	12.72	49.93	32.64	7.42	7.98	5.2	3.433	85.8	2.9	0.7
92	11/6/2015 08:31:11	12.54	49.69	32.46	7.14	7.95	4.3	3.464	82.2	1.8	0.4
93	11/6/2015 08:46:11	12.72	49.80	32.54	7.24	7.96	4.6	3.475	83.7	2.5	0.6
94	11/6/2015 09:01:11	12.68	49.87	32.59	7.22	7.96	5.5	3.456	83.4	2.3	0.5
95	11/6/2015 09:16:11	12.70	49.75	32.51	7.24	7.96	5.2	3.433	83.6	2.8	0.7
96	11/6/2015 09:31:11	12.86	49.89	32.61	7.27	7.97	7.3	3.386	84.3	2.3	0.5
97	11/6/2015 09:46:11	13.04	49.66	32.46	7.33	7.98	6.7	3.320	85.2	2.4	0.6
98	11/6/2015 10:01:11	13.28	49.66	32.46	7.47	7.99	6.4	3.250	87.3	2.6	0.6
99	11/6/2015 10:16:11	13.27	49.90	32.63	7.58	8.00	5.2	3.174	88.7	2.8	0.7
100	11/6/2015 10:31:11	13.34	49.60	32.42	7.54	7.99	7.0	3.091	88.2	2.7	0.6
101	11/6/2015 10:46:11	13.38	49.51	32.36	7.49	7.98	6.0	3.012	87.7	3.1	0.7
102	11/6/2015 11:01:11	13.34	49.39	32.27	7.43	7.98	5.4	2.926	86.8	2.3	0.5
103	11/6/2015 11:16:11	13.37	49.58	32.41	7.44	7.97	5.7	2.842	87.1	2.7	0.6
104	11/6/2015 11:31:11	13.40	49.55	32.39	7.45	7.97	5.4	2.759	87.2	2.8	0.6
105	11/6/2015 11:46:11	13.51	49.57	32.41	7.53	7.98	5.1	2.675	88.4	2.4	0.6
106	11/6/2015 12:01:11	13.52	49.60	32.43	7.54	7.98	4.4	2.583	88.5	2.5	0.6
107	11/6/2015 12:16:11	13.54	49.65	32.46	7.54	7.98	4.3	2.506	88.6	2.3	0.5
108	11/6/2015 12:31:11	13.65	49.28	32.20	7.66	7.98	4.5	2.432	90.0	2.4	0.6
109	11/6/2015 12:46:11	13.76	49.50	32.36	7.72	7.99	4.3	2.329	91.1	2.4	0.6
110	11/6/2015 13:01:11	13.78	49.56	32.40	7.69	7.99	4.3	2.257	90.8	2.3	0.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
111	11/6/2015 13:16:11	13.79	49.59	32.43	7.65	7.99	4.2	2.181	90.3	2.6	0.6
112	11/6/2015 13:31:11	13.79	49.29	32.21	7.61	7.99	3.3	2.115	89.8	2.4	0.6
113	11/6/2015 13:46:12	13.74	49.59	32.42	7.56	7.99	3.9	2.057	89.2	2.3	0.6
114	11/6/2015 14:01:11	13.74	49.40	32.29	7.55	7.98	3.4	2.002	89.0	2.1	0.5
115	11/6/2015 14:16:12	13.78	49.52	32.38	7.54	7.98	3.2	1.974	88.9	2.6	0.6
116	11/6/2015 14:31:12	13.79	49.38	32.28	7.55	7.99	3.7	1.960	89.1	2.4	0.6
117	11/6/2015 14:46:12	13.80	49.39	32.29	7.66	7.99	4.1	1.948	90.4	2.5	0.6
118	11/6/2015 15:01:11	13.74	49.41	32.29	7.66	7.99	3.7	1.949	90.3	2.7	0.6
119	11/6/2015 15:16:11	13.82	49.54	32.39	7.73	7.99	4.6	1.989	91.3	2.7	0.6
120	11/6/2015 15:31:11	13.85	49.46	32.33	7.77	7.99	4.5	2.031	91.8	2.6	0.6
121	11/6/2015 15:46:11	13.78	49.54	32.39	7.73	7.99	4.5	2.076	91.3	3.0	0.7
122	11/6/2015 16:01:11	13.76	49.47	32.34	7.74	7.99	4.5	2.137	91.3	2.5	0.6
123	11/6/2015 16:16:11	13.56	49.20	32.14	7.81	7.98	5.4	2.197	91.6	3.4	0.8
124	11/6/2015 16:31:11	13.66	49.38	32.27	7.78	7.98	6.0	2.261	91.6	3.2	0.7
125	11/6/2015 16:46:11	13.76	49.37	32.27	7.80	7.99	4.3	2.325	91.9	3.1	0.7
126	11/6/2015 17:01:11	13.75	49.57	32.41	7.79	7.99	3.9	2.387	91.9	3.4	0.8
127	11/6/2015 17:16:11	13.68	49.48	32.34	7.68	7.98	4.2	2.449	90.5	3.1	0.7
128	11/6/2015 17:31:11	13.66	49.49	32.35	7.63	7.98	3.8	2.504	89.8	3.0	0.7
129	11/6/2015 17:46:11	13.62	49.33	32.24	7.58	7.97	4.2	2.575	89.1	3.2	0.8
130	11/6/2015 18:01:11	13.59	49.63	32.46	7.51	7.97	4.4	2.632	88.3	2.6	0.6
131	11/6/2015 18:16:11	13.57	49.44	32.31	7.45	7.97	4.3	2.682	87.5	2.9	0.7
132	11/6/2015 18:31:11	13.55	49.54	32.39	7.43	7.97	4.4	2.742	87.3	2.7	0.6
133	11/6/2015 18:46:12	13.54	49.63	32.45	7.41	7.97	4.3	2.804	87.0	3.5	0.8
134	11/6/2015 19:01:12	13.51	49.68	32.49	7.41	7.97	3.8	2.858	87.0	3.0	0.7
135	11/6/2015 19:16:12	13.48	49.77	32.55	7.38	7.97	4.0	2.902	86.6	3.1	0.7
136	11/6/2015 19:31:11	13.44	49.64	32.45	7.38	7.97	4.2	2.965	86.5	3.0	0.7
137	11/6/2015 19:46:12	13.40	49.74	32.52	7.38	7.97	4.3	3.012	86.5	2.8	0.7
138	11/6/2015 20:01:12	13.38	49.73	32.52	7.38	7.97	4.2	3.053	86.5	3.0	0.7
139	11/6/2015 20:16:11	13.36	49.73	32.51	7.37	7.97	4.8	3.097	86.3	3.1	0.7
140	11/6/2015 20:31:11	13.33	49.70	32.50	7.34	7.97	4.1	3.133	85.9	3.1	0.7
141	11/6/2015 20:46:11	13.36	49.66	32.46	7.35	7.97	3.8	3.157	86.0	3.1	0.7
142	11/6/2015 21:01:12	13.40	49.55	32.39	7.22	7.96	3.8	3.161	84.5	2.8	0.7
143	11/6/2015 21:16:11	13.35	49.67	32.47	7.20	7.96	3.9	3.154	84.3	2.8	0.7
144	11/6/2015 21:31:11	13.35	49.73	32.52	7.18	7.95	4.9	3.131	84.1	2.8	0.6
145	11/6/2015 21:46:11	13.32	49.34	32.23	7.29	7.96	4.2	3.081	85.1	2.9	0.7
146	11/6/2015 22:01:11	13.32	49.62	32.43	7.19	7.95	6.6	3.041	84.1	2.6	0.6
147	11/6/2015 22:16:11	13.32	49.59	32.41	7.29	7.96	6.2	2.972	85.2	2.8	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
148	11/6/2015 22:31:11	13.29	49.80	32.57	7.23	7.96	6.3	2.889	84.6	3.4	0.8
149	11/6/2015 22:46:11	13.26	49.64	32.45	7.25	7.96	5.7	2.821	84.7	2.6	0.6
150	11/6/2015 23:01:11	13.27	49.76	32.53	7.27	7.96	5.9	2.739	84.9	3.1	0.7
151	11/6/2015 23:16:11	13.30	49.54	32.38	7.30	7.96	6.0	2.668	85.3	2.9	0.7
152	11/6/2015 23:31:11	13.35	49.63	32.45	7.41	7.97	6.8	2.575	86.7	3.3	0.8
153	11/6/2015 23:46:11	13.42	49.72	32.51	7.45	7.97	6.3	2.505	87.4	3.5	0.8
154	11/7/2015 00:01:11	13.28	49.34	32.23	7.37	7.96	7.0	2.434	86.0	2.8	0.7
155	11/7/2015 00:16:11	13.14	49.60	32.42	7.31	7.96	7.0	2.347	85.1	2.9	0.7
156	11/7/2015 00:31:11	13.27	49.61	32.42	7.45	7.97	7.0	2.285	87.0	3.2	0.8
157	11/7/2015 00:46:11	13.25	49.65	32.46	7.49	7.97	7.1	2.200	87.4	3.0	0.7
158	11/7/2015 01:01:11	13.15	49.60	32.41	7.38	7.96	6.5	2.141	85.9	3.1	0.7
159	11/7/2015 01:16:11	13.15	49.68	32.48	7.42	7.97	6.5	2.075	86.5	3.1	0.7
160	11/7/2015 01:31:11	13.10	49.69	32.48	7.39	7.96	6.1	2.019	86.0	3.0	0.7
161	11/7/2015 01:46:11	13.08	49.49	32.33	7.37	7.96	6.1	1.979	85.7	3.1	0.7
162	11/7/2015 02:01:11	13.16	49.39	32.26	7.44	7.96	4.6	1.960	86.6	3.3	0.8
163	11/7/2015 02:16:11	13.19	49.45	32.30	7.47	7.97	3.8	1.935	87.1	3.4	0.8
164	11/7/2015 02:31:11	13.19	49.50	32.35	7.53	7.97	4.8	1.931	87.8	3.1	0.7
165	11/7/2015 02:46:11	13.20	49.55	32.38	7.58	7.97	4.5	1.946	88.4	3.1	0.7
166	11/7/2015 03:01:11	13.16	49.54	32.37	7.56	7.97	4.6	1.970	88.1	2.8	0.7
167	11/7/2015 03:16:11	13.19	49.61	32.42	7.58	7.97	4.8	2.008	88.4	3.0	0.7
168	11/7/2015 03:31:11	13.15	49.55	32.38	7.56	7.97	5.0	2.053	88.1	3.3	0.8
169	11/7/2015 03:46:11	13.14	49.64	32.44	7.56	7.97	5.1	2.120	88.1	3.0	0.7
170	11/7/2015 04:01:11	12.91	49.37	32.24	7.49	7.95	6.4	2.180	86.8	3.3	0.8
171	11/7/2015 04:16:11	12.86	49.12	32.06	7.45	7.94	7.6	2.243	86.1	3.3	0.8
172	11/7/2015 04:31:11	12.96	49.52	32.35	7.41	7.95	6.8	2.309	86.0	2.8	0.7
173	11/7/2015 04:46:11	13.02	49.46	32.31	7.37	7.95	5.5	2.385	85.6	2.9	0.7
174	11/7/2015 05:01:11	13.06	49.62	32.42	7.34	7.95	5.2	2.455	85.4	3.0	0.7
175	11/7/2015 05:16:11	13.06	49.61	32.42	7.34	7.95	5.6	2.530	85.3	2.9	0.7
176	11/7/2015 05:31:11	13.12	49.65	32.45	7.32	7.95	5.6	2.601	85.3	2.8	0.7
177	11/7/2015 05:46:12	13.17	49.68	32.47	7.30	7.95	5.4	2.672	85.1	3.1	0.7
178	11/7/2015 06:01:12	13.18	49.54	32.37	7.28	7.95	6.0	2.749	84.9	3.0	0.7
179	11/7/2015 06:16:11	13.19	49.66	32.46	7.29	7.95	6.2	2.830	85.1	3.0	0.7
180	11/7/2015 06:31:12	13.17	49.70	32.49	7.29	7.96	8.1	2.901	85.0	3.7	0.9
181	11/7/2015 06:46:11	13.12	49.86	32.60	7.28	7.96	8.4	2.977	84.9	2.9	0.7
182	11/7/2015 07:01:11	13.09	49.54	32.37	7.31	7.96	7.7	3.065	85.0	2.8	0.7
183	11/7/2015 07:16:11	13.00	49.63	32.43	7.31	7.95	9.6	3.143	84.9	3.4	0.8
184	11/7/2015 07:31:11	12.79	49.77	32.53	7.35	7.95	12.7	3.218	85.1	2.9	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
185	11/7/2015 07:46:11	12.69	49.87	32.59	7.37	7.95	10.7	3.295	85.1	3.7	0.9
186	11/7/2015 08:01:11	12.57	49.87	32.59	7.38	7.95	9.6	3.370	85.1	2.8	0.7
187	11/7/2015 08:16:12	12.39	50.16	32.79	7.38	7.95	10.3	3.430	84.8	3.1	0.7
188	11/7/2015 08:31:11	12.28	50.17	32.79	7.38	7.95	7.0	3.479	84.7	3.2	0.7
189	11/7/2015 08:46:11	12.29	50.05	32.71	7.36	7.95	5.2	3.521	84.4	2.2	0.5
190	11/7/2015 09:01:12	12.20	50.14	32.77	7.32	7.95	4.4	3.555	83.8	2.4	0.6
191	11/7/2015 09:16:11	12.27	50.08	32.72	7.24	7.94	4.3	3.568	83.0	2.6	0.6
192	11/7/2015 09:31:11	12.23	50.06	32.71	7.19	7.94	3.5	3.562	82.3	2.3	0.6
193	11/7/2015 09:46:11	12.23	50.09	32.74	7.21	7.94	5.9	3.538	82.5	2.2	0.5
194	11/7/2015 10:01:11	12.33	50.14	32.78	7.25	7.94	6.2	3.486	83.2	2.3	0.5
195	11/7/2015 10:16:11	12.91	49.83	32.57	7.40	7.96	5.9	3.430	85.8	3.0	0.7
196	11/7/2015 10:31:11	13.00	49.83	32.57	7.40	7.96	5.7	3.358	86.1	2.4	0.6
197	11/7/2015 10:46:11	12.87	50.01	32.70	7.50	7.97	5.8	3.281	87.1	2.9	0.7
198	11/7/2015 11:01:11	13.05	49.97	32.68	7.50	7.97	6.0	3.186	87.4	2.7	0.6
199	11/7/2015 11:16:11	13.05	49.80	32.56	7.48	7.97	6.2	3.109	87.1	2.9	0.7
200	11/7/2015 11:31:11	13.07	49.69	32.48	7.49	7.97	5.7	3.010	87.2	2.7	0.6
201	11/7/2015 11:46:11	13.13	49.60	32.41	7.51	7.97	5.5	2.916	87.4	2.6	0.6
202	11/7/2015 12:01:11	13.19	49.37	32.25	7.54	7.97	7.6	2.814	87.8	2.6	0.6
203	11/7/2015 12:16:11	13.27	49.63	32.44	7.57	7.97	6.2	2.717	88.4	2.8	0.7
204	11/7/2015 12:31:11	13.34	49.71	32.50	7.61	7.98	5.3	2.637	89.1	2.7	0.6
205	11/7/2015 12:46:11	13.42	49.68	32.48	7.74	7.98	5.4	2.538	90.7	2.5	0.6
206	11/7/2015 13:01:11	13.50	49.72	32.52	7.78	7.99	4.6	2.453	91.4	2.6	0.6
207	11/7/2015 13:16:11	13.56	49.45	32.32	7.84	7.99	6.0	2.345	92.1	2.9	0.7
208	11/7/2015 13:31:11	13.62	49.57	32.41	7.90	8.00	7.1	2.247	92.9	2.9	0.7
209	11/7/2015 13:46:11	13.66	49.53	32.38	7.91	8.00	6.3	2.177	93.2	2.7	0.6
210	11/7/2015 14:01:11	13.78	49.56	32.41	7.93	8.00	4.8	2.085	93.6	2.7	0.6
211	11/7/2015 14:16:11	13.79	49.66	32.48	7.98	8.01	5.2	2.003	94.2	3.0	0.7
212	11/7/2015 14:31:11	13.90	49.40	32.29	8.03	8.01	4.7	1.938	94.9	2.6	0.6
213	11/7/2015 14:46:11	13.81	49.49	32.36	7.88	8.01	4.2	1.885	93.0	2.6	0.6
214	11/7/2015 15:01:11	13.87	49.44	32.32	7.87	8.01	3.7	1.833	93.0	2.4	0.6
215	11/7/2015 15:16:11	13.98	49.54	32.40	8.00	8.01	5.6	1.834	94.8	2.8	0.7
216	11/7/2015 15:31:11	13.90	49.78	32.57	8.08	8.01	5.1	1.815	95.7	3.1	0.7
217	11/7/2015 15:46:11	13.85	49.66	32.48	8.06	8.01	9.8	1.864	95.3	3.3	0.8
218	11/7/2015 16:01:11	13.75	49.49	32.35	8.01	8.00	9.2	1.862	94.5	3.1	0.7
219	11/7/2015 16:16:11	13.66	49.49	32.36	7.99	8.00	8.7	1.917	94.1	3.4	0.8
220	11/7/2015 16:31:11	13.60	49.59	32.43	7.97	8.00	8.3	1.999	93.8	3.1	0.7
221	11/7/2015 16:46:11	13.51	49.62	32.44	7.95	7.99	9.0	2.067	93.4	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	Fluorescence %FS
222	11/7/2015 17:01:11	13.47	49.48	32.34	7.94	7.99	10.5	2.087	93.1	2.8	0.7
223	11/7/2015 17:16:11	13.50	49.66	32.47	7.92	7.99	7.8	2.178	93.0	3.4	0.8
224	11/7/2015 17:31:11	13.44	49.55	32.39	7.89	7.98	6.8	2.253	92.5	4.0	0.9
225	11/7/2015 17:46:11	13.41	49.64	32.45	7.86	7.98	7.0	2.323	92.0	3.8	0.9
226	11/7/2015 18:01:11	13.37	49.30	32.20	7.83	7.98	6.4	2.398	91.5	3.9	0.9
227	11/7/2015 18:16:11	13.37	49.34	32.23	7.78	7.97	6.0	2.466	91.0	3.3	0.8
228	11/7/2015 18:31:11	13.37	49.43	32.29	7.69	7.97	5.7	2.509	90.0	4.1	1.0
229	11/7/2015 18:46:11	13.36	49.74	32.52	7.62	7.97	6.2	2.599	89.2	3.1	0.7
230	11/7/2015 19:01:11	13.38	49.72	32.51	7.56	7.98	5.8	2.643	88.6	2.6	0.6
231	11/7/2015 19:16:11	13.35	49.76	32.54	7.55	7.98	6.4	2.712	88.4	3.5	0.8
232	11/7/2015 19:31:11	13.33	49.36	32.25	7.55	7.98	6.6	2.796	88.2	3.6	0.8
233	11/7/2015 19:46:11	13.30	49.73	32.52	7.51	7.97	7.0	2.831	87.8	3.5	0.8
234	11/7/2015 20:01:11	13.27	49.80	32.56	7.48	7.97	5.7	2.912	87.4	3.3	0.8
235	11/7/2015 20:16:11	13.21	49.80	32.56	7.47	7.97	5.7	2.981	87.2	2.9	0.7
236	11/7/2015 20:31:11	13.16	49.87	32.61	7.47	7.97	5.4	3.009	87.2	3.3	0.8
237	11/7/2015 20:46:11	13.03	49.96	32.67	7.52	7.97	5.9	3.076	87.5	3.2	0.7
238	11/7/2015 21:01:11	12.93	49.82	32.56	7.50	7.97	6.0	3.145	87.0	3.5	0.8
239	11/7/2015 21:16:11	12.88	49.94	32.65	7.47	7.97	5.1	3.181	86.7	3.6	0.9
240	11/7/2015 21:31:11	12.84	50.01	32.70	7.43	7.97	3.3	3.225	86.1	3.0	0.7
241	11/7/2015 21:46:11	12.84	49.97	32.67	7.36	7.97	4.0	3.234	85.4	3.3	0.8
242	11/7/2015 22:01:11	12.91	50.07	32.75	7.33	7.96	4.9	3.228	85.2	2.9	0.7
243	11/7/2015 22:16:11	12.81	50.06	32.73	7.29	7.96	4.1	3.236	84.5	3.0	0.7
244	11/7/2015 22:31:11	12.92	50.02	32.71	7.34	7.96	4.4	3.195	85.3	2.5	0.6
245	11/7/2015 22:46:11	12.93	49.99	32.69	7.39	7.96	8.4	3.126	85.8	2.9	0.7
246	11/7/2015 23:01:11	13.12	49.86	32.60	7.38	7.96	5.4	3.087	86.0	2.9	0.7
247	11/7/2015 23:16:11	13.21	49.78	32.55	7.43	7.97	6.2	3.031	86.7	2.9	0.7
248	11/7/2015 23:31:11	13.12	49.78	32.55	7.43	7.96	7.3	2.930	86.6	3.5	0.8
249	11/7/2015 23:46:11	13.12	49.93	32.65	7.42	7.96	6.2	2.877	86.6	2.9	0.7
250	11/8/2015 00:01:11	13.21	49.59	32.41	7.45	7.96	6.4	2.787	86.9	3.0	0.7
251	11/8/2015 00:16:11	13.24	49.64	32.44	7.45	7.96	7.4	2.691	87.0	2.9	0.7
252	11/8/2015 00:31:11	13.27	49.76	32.54	7.42	7.96	6.3	2.640	86.8	2.8	0.6
253	11/8/2015 00:46:11	13.32	49.77	32.55	7.42	7.96	6.7	2.555	86.9	3.4	0.8
254	11/8/2015 01:01:11	13.29	49.80	32.57	7.41	7.96	6.9	2.489	86.7	3.1	0.7
255	11/8/2015 01:16:11	13.37	49.66	32.47	7.37	7.96	7.2	2.413	86.3	2.9	0.7
256	11/8/2015 01:31:11	13.36	49.63	32.45	7.38	7.96	7.6	2.319	86.4	3.2	0.7
257	11/8/2015 01:46:11	13.43	49.66	32.47	7.43	7.97	6.5	2.278	87.1	3.3	0.8
258	11/8/2015 02:01:11	13.43	49.62	32.44	7.45	7.97	6.9	2.228	87.3	3.2	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
259	11/8/2015 02:16:11	13.42	49.62	32.44	7.45	7.97	6.8	2.147	87.3	2.7	0.6
260	11/8/2015 02:31:11	13.38	49.65	32.46	7.39	7.97	5.9	2.103	86.5	3.2	0.8
261	11/8/2015 02:46:11	13.33	49.64	32.45	7.32	7.96	6.9	2.046	85.7	3.0	0.7
262	11/8/2015 03:01:11	13.36	49.57	32.40	7.41	7.96	4.8	2.029	86.7	3.3	0.8
263	11/8/2015 03:16:11	13.38	49.58	32.41	7.38	7.97	4.9	2.028	86.4	3.0	0.7
264	11/8/2015 03:31:11	13.38	49.54	32.38	7.46	7.97	5.1	2.017	87.2	3.1	0.7
265	11/8/2015 03:46:11	13.37	49.58	32.41	7.54	7.97	5.2	2.025	88.2	3.0	0.7
266	11/8/2015 04:01:11	13.37	49.24	32.16	7.53	7.97	5.5	2.078	88.0	3.1	0.7
267	11/8/2015 04:16:11	13.37	49.28	32.19	7.59	7.97	6.2	2.129	88.7	3.0	0.7
268	11/8/2015 04:31:11	13.35	49.27	32.18	7.59	7.97	6.3	2.174	88.7	3.0	0.7
269	11/8/2015 04:46:11	13.29	49.52	32.36	7.53	7.96	7.6	2.224	87.9	3.0	0.7
270	11/8/2015 05:01:11	13.28	49.59	32.41	7.48	7.96	8.6	2.325	87.4	3.5	0.8
271	11/8/2015 05:16:11	13.29	49.60	32.42	7.44	7.96	7.5	2.395	86.9	3.2	0.7
272	11/8/2015 05:31:11	13.28	49.65	32.45	7.42	7.96	7.1	2.464	86.7	3.4	0.8
273	11/8/2015 05:46:11	13.26	49.60	32.41	7.42	7.96	6.3	2.542	86.6	3.4	0.8
274	11/8/2015 06:01:11	13.25	49.68	32.48	7.40	7.96	6.2	2.607	86.5	2.9	0.7
275	11/8/2015 06:16:11	13.20	49.71	32.50	7.38	7.96	6.5	2.687	86.2	3.2	0.8
276	11/8/2015 06:31:11	13.19	49.69	32.48	7.39	7.96	5.9	2.778	86.3	3.3	0.8
277	11/8/2015 06:46:11	13.19	49.82	32.58	7.40	7.96	6.8	2.825	86.3	3.5	0.8
278	11/8/2015 07:01:11	13.14	49.74	32.51	7.39	7.96	7.7	2.932	86.2	3.1	0.7
279	11/8/2015 07:16:11	13.06	49.64	32.44	7.38	7.96	9.0	3.018	85.9	3.0	0.7
280	11/8/2015 07:31:11	13.00	49.84	32.58	7.38	7.96	7.6	3.099	85.8	2.2	0.5
281	11/8/2015 07:46:11	12.91	49.84	32.58	7.39	7.95	8.8	3.189	85.8	3.1	0.7
282	11/8/2015 08:01:11	12.73	49.80	32.54	7.46	7.96	9.2	3.262	86.2	3.1	0.7
283	11/8/2015 08:16:11	12.61	50.13	32.78	7.50	7.96	8.6	3.333	86.6	3.1	0.7
284	11/8/2015 08:31:11	12.53	50.01	32.69	7.55	7.96	10.3	3.417	87.0	3.3	0.8
285	11/8/2015 08:46:11	12.44	50.03	32.70	7.67	7.97	6.6	3.508	88.2	2.9	0.7
286	11/8/2015 09:01:11	12.41	50.15	32.78	7.70	7.97	5.3	3.545	88.5	3.2	0.7
287	11/8/2015 09:16:12	12.33	49.99	32.66	7.70	7.97	4.5	3.570	88.3	3.3	0.8
288	11/8/2015 09:31:12	12.32	50.32	32.90	7.71	7.97	4.1	3.633	88.6	3.0	0.7
289	11/8/2015 09:46:12	12.28	49.98	32.65	7.73	7.97	2.9	3.654	88.6	3.0	0.7
290	11/8/2015 10:01:11	12.46	50.19	32.82	7.55	7.96	3.8	3.647	87.0	2.8	0.7
291	11/8/2015 10:16:11	12.38	49.89	32.59	7.52	7.96	3.8	3.617	86.4	2.7	0.6
292	11/8/2015 10:31:11	12.37	50.06	32.72	7.56	7.96	6.0	3.573	86.9	2.4	0.6
293	11/8/2015 10:46:11	12.41	50.01	32.68	7.60	7.97	5.7	3.532	87.3	2.9	0.7
294	11/8/2015 11:01:11	12.96	49.64	32.44	7.49	7.97	5.9	3.447	87.0	2.8	0.7
295	11/8/2015 11:16:11	12.87	49.89	32.61	7.73	7.98	4.8	3.377	89.7	2.5	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
296	11/8/2015 11:31:11	12.84	50.05	32.73	7.81	7.98	7.0	3.260	90.5	3.2	0.8
297	11/8/2015 11:46:11	13.08	49.88	32.61	7.69	7.98	5.9	3.178	89.6	2.8	0.7
298	11/8/2015 12:01:11	13.13	50.03	32.72	7.65	7.98	6.0	3.080	89.3	3.3	0.8
299	11/8/2015 12:16:12	13.21	49.86	32.61	7.67	7.98	6.0	2.974	89.6	3.1	0.7
300	11/8/2015 12:31:11	13.33	49.78	32.55	7.66	7.98	5.7	2.884	89.7	2.9	0.7
301	11/8/2015 12:46:11	13.41	49.79	32.56	7.68	7.98	6.3	2.784	90.0	3.0	0.7
302	11/8/2015 13:01:11	13.47	49.82	32.58	7.71	7.99	6.0	2.664	90.5	3.0	0.7
303	11/8/2015 13:16:11	13.58	49.61	32.44	7.74	7.99	5.8	2.586	91.0	2.8	0.7
304	11/8/2015 13:31:12	13.62	49.66	32.48	7.82	7.99	6.7	2.485	92.0	3.7	0.9
305	11/8/2015 13:46:12	13.59	49.74	32.53	7.87	8.00	7.1	2.358	92.6	3.2	0.7
306	11/8/2015 14:01:11	13.61	49.73	32.53	7.93	8.00	6.8	2.275	93.3	3.6	0.8
307	11/8/2015 14:16:11	13.68	49.71	32.51	8.06	8.01	5.8	2.170	94.9	3.1	0.7
308	11/8/2015 14:31:12	13.76	49.67	32.49	8.09	8.01	5.6	2.066	95.5	2.7	0.6
309	11/8/2015 14:46:12	13.87	49.66	32.48	8.15	8.03	6.0	1.989	96.4	3.2	0.7
310	11/8/2015 15:01:12	13.81	49.79	32.57	8.02	8.02	5.4	1.886	94.8	2.6	0.6
311	11/8/2015 15:16:12	13.88	49.58	32.43	8.13	8.02	5.5	1.826	96.2	3.5	0.8
312	11/8/2015 15:31:12	13.97	49.77	32.56	8.25	8.04	4.9	1.794	97.9	2.9	0.7
313	11/8/2015 15:46:11	13.94	49.50	32.37	8.11	8.03	5.1	1.713	96.0	3.0	0.7
314	11/8/2015 16:01:11	14.03	49.58	32.43	8.23	8.05	4.0	1.697	97.6	3.0	0.7
315	11/8/2015 16:16:11	13.98	49.66	32.49	8.28	8.04	5.4	1.719	98.1	3.7	0.9
316	11/8/2015 16:31:11	13.97	49.50	32.37	8.21	8.03	5.1	1.729	97.3	3.2	0.8
317	11/8/2015 16:46:11	13.94	49.64	32.47	8.15	8.02	5.4	1.743	96.6	3.5	0.8
318	11/8/2015 17:01:11	13.92	49.39	32.29	8.11	8.02	6.4	1.806	95.9	3.8	0.9
319	11/8/2015 17:16:11	13.89	49.69	32.51	8.07	8.01	6.2	1.884	95.5	3.2	0.8
320	11/8/2015 17:31:11	13.86	49.04	32.03	7.96	7.99	10.6	1.948	93.9	4.0	0.9
321	11/8/2015 17:46:11	13.86	49.27	32.20	7.92	7.99	8.0	2.037	93.5	3.6	0.8
322	11/8/2015 18:01:11	13.83	49.29	32.21	7.92	7.99	7.3	2.115	93.4	3.2	0.8
323	11/8/2015 18:16:11	13.80	49.44	32.32	7.90	7.99	7.0	2.196	93.2	3.7	0.9
324	11/8/2015 18:31:11	13.78	49.41	32.30	7.87	7.99	6.3	2.272	92.8	3.6	0.8
325	11/8/2015 18:46:11	13.67	49.47	32.33	7.77	7.98	6.0	2.339	91.5	3.1	0.7
326	11/8/2015 19:01:11	13.59	49.69	32.50	7.68	7.98	5.7	2.434	90.4	3.6	0.8
327	11/8/2015 19:16:11	13.57	49.70	32.50	7.65	7.97	5.5	2.492	90.0	3.3	0.8
328	11/8/2015 19:31:11	13.54	49.50	32.36	7.64	7.97	5.5	2.567	89.7	2.6	0.6
329	11/8/2015 19:46:11	13.53	49.63	32.45	7.64	7.97	5.4	2.641	89.7	3.4	0.8
330	11/8/2015 20:01:11	13.51	49.72	32.51	7.62	7.97	5.8	2.711	89.5	3.0	0.7
331	11/8/2015 20:16:11	13.40	49.87	32.62	7.63	7.97	6.0	2.781	89.4	3.0	0.7
332	11/8/2015 20:31:11	13.36	49.90	32.64	7.63	7.97	6.5	2.858	89.4	3.8	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
333	11/8/2015 20:46:11	13.31	49.55	32.39	7.63	7.97	6.7	2.932	89.2	3.3	0.8
334	11/8/2015 21:01:11	13.26	49.57	32.40	7.67	7.97	7.5	2.998	89.6	3.0	0.7
335	11/8/2015 21:16:11	13.14	49.78	32.54	7.69	7.97	7.0	3.068	89.7	3.9	0.9
336	11/8/2015 21:31:11	13.04	49.96	32.67	7.69	7.97	8.1	3.112	89.5	3.2	0.8
337	11/8/2015 21:46:11	13.00	49.99	32.70	7.71	7.97	6.0	3.191	89.7	3.4	0.8
338	11/8/2015 22:01:11	12.94	49.98	32.68	7.72	7.97	5.6	3.226	89.7	3.8	0.9
339	11/8/2015 22:16:11	12.91	50.09	32.76	7.71	7.97	4.4	3.268	89.5	3.9	0.9
340	11/8/2015 22:31:11	12.87	50.04	32.72	7.71	7.97	3.5	3.295	89.4	4.1	1.0
341	11/8/2015 22:46:11	12.86	50.06	32.74	7.65	7.97	4.0	3.294	88.7	3.8	0.9
342	11/8/2015 23:01:11	12.93	49.86	32.59	7.61	7.96	4.8	3.264	88.3	3.5	0.8
343	11/8/2015 23:16:11	13.00	49.91	32.63	7.57	7.96	4.8	3.241	88.1	3.5	0.8
344	11/8/2015 23:31:11	12.99	49.88	32.61	7.58	7.96	5.1	3.186	88.1	3.3	0.8
345	11/8/2015 23:46:11	13.14	49.81	32.56	7.51	7.96	6.1	3.136	87.6	3.1	0.7
346	11/9/2015 00:01:11	13.04	49.90	32.63	7.55	7.96	6.9	3.044	87.9	3.0	0.7
347	11/9/2015 00:16:11	12.95	50.00	32.70	7.59	7.96	5.9	2.969	88.3	3.5	0.8
348	11/9/2015 00:31:11	13.03	49.88	32.61	7.58	7.96	5.8	2.885	88.2	3.5	0.8
349	11/9/2015 00:46:11	13.11	49.87	32.61	7.53	7.96	6.0	2.824	87.8	3.5	0.8
350	11/9/2015 01:01:11	13.15	49.75	32.52	7.51	7.96	5.9	2.741	87.6	2.9	0.7
351	11/9/2015 01:16:11	13.15	49.81	32.57	7.49	7.96	6.3	2.666	87.3	3.7	0.9
352	11/9/2015 01:31:11	13.15	49.64	32.44	7.51	7.96	6.1	2.591	87.5	3.9	0.9
353	11/9/2015 01:46:11	13.14	49.76	32.53	7.48	7.96	6.7	2.501	87.2	3.2	0.8
354	11/9/2015 02:01:11	13.16	49.67	32.47	7.48	7.96	6.5	2.423	87.2	3.0	0.7
355	11/9/2015 02:16:11	13.07	49.72	32.50	7.49	7.96	7.0	2.379	87.2	3.6	0.8
356	11/9/2015 02:31:11	13.09	49.69	32.48	7.51	7.97	6.7	2.294	87.5	3.3	0.8
357	11/9/2015 02:46:11	13.13	49.57	32.39	7.57	7.97	6.7	2.244	88.2	3.7	0.9
358	11/9/2015 03:01:12	13.14	49.69	32.48	7.56	7.97	6.7	2.197	88.1	2.9	0.7
359	11/9/2015 03:16:11	13.17	49.61	32.42	7.58	7.97	6.2	2.142	88.4	3.2	0.8
360	11/9/2015 03:31:12	13.10	49.71	32.49	7.54	7.97	6.0	2.122	87.8	3.2	0.8
361	11/9/2015 03:46:12	13.12	49.55	32.38	7.57	7.97	5.7	2.096	88.1	3.0	0.7
362	11/9/2015 04:01:11	13.16	49.50	32.34	7.62	7.98	4.9	2.099	88.8	3.2	0.8
363	11/9/2015 04:16:11	13.12	49.47	32.32	7.68	7.98	5.2	2.099	89.4	3.1	0.7
364	11/9/2015 04:31:11	13.10	49.30	32.20	7.67	7.98	5.9	2.109	89.1	3.4	0.8
365	11/9/2015 04:46:11	13.13	49.52	32.35	7.62	7.97	5.6	2.145	88.7	3.7	0.9
366	11/9/2015 05:01:11	13.13	49.41	32.28	7.64	7.97	6.3	2.205	88.9	3.7	0.9
367	11/9/2015 05:16:12	13.10	49.43	32.29	7.59	7.97	7.5	2.257	88.3	3.0	0.7
368	11/9/2015 05:31:11	13.10	49.45	32.31	7.54	7.96	7.3	2.311	87.7	3.3	0.8
369	11/9/2015 05:46:11	13.08	49.55	32.37	7.52	7.96	7.4	2.419	87.5	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	Fluorescence %FS
370	11/9/2015 06:01:11	13.06	49.57	32.39	7.52	7.96	7.0	2.499	87.4	3.3	0.8
371	11/9/2015 06:16:11	13.05	49.62	32.42	7.52	7.96	6.9	2.563	87.5	2.9	0.7
372	11/9/2015 06:31:11	13.05	49.64	32.44	7.53	7.96	6.7	2.660	87.6	3.3	0.8
373	11/9/2015 06:46:11	13.05	49.69	32.47	7.54	7.96	6.7	2.729	87.7	2.8	0.7
374	11/9/2015 07:01:11	13.06	49.87	32.61	7.55	7.96	7.0	2.810	87.9	3.3	0.8
375	11/9/2015 07:16:11	13.06	49.59	32.41	7.56	7.97	6.8	2.894	87.9	3.8	0.9
376	11/9/2015 07:31:11	13.01	49.88	32.62	7.56	7.97	7.3	2.971	87.9	2.6	0.6
377	11/9/2015 07:46:11	12.94	49.81	32.56	7.59	7.97	6.6	3.065	88.1	3.7	0.9
378	11/9/2015 08:01:11	12.90	49.79	32.54	7.62	7.98	7.9	3.154	88.3	3.0	0.7
379	11/9/2015 08:16:11	12.78	49.62	32.42	7.71	7.99	8.5	3.246	89.1	3.3	0.8
380	11/9/2015 08:31:11	12.71	49.92	32.63	7.75	7.99	9.8	3.332	89.6	3.4	0.8
381	11/9/2015 08:46:11	12.61	49.96	32.65	7.84	7.99	10.4	3.402	90.5	4.2	1.0
382	11/9/2015 09:01:11	12.57	50.07	32.74	7.89	7.99	7.9	3.477	91.0	3.5	0.8
383	11/9/2015 09:16:11	12.50	50.12	32.77	7.94	8.00	7.0	3.564	91.5	3.9	0.9
384	11/9/2015 09:31:11	12.47	50.01	32.68	7.96	8.00	5.4	3.617	91.6	4.0	0.9
385	11/9/2015 09:46:11	12.42	49.86	32.57	7.96	7.99	4.9	3.657	91.4	3.9	0.9
386	11/9/2015 10:01:11	12.42	50.16	32.79	7.97	7.99	3.7	3.698	91.7	3.5	0.8
387	11/9/2015 10:16:12	12.41	50.22	32.83	7.87	7.99	3.3	3.694	90.5	3.6	0.8
388	11/9/2015 10:31:11	12.49	50.09	32.75	7.75	7.97	4.1	3.700	89.2	2.9	0.7
389	11/9/2015 10:46:11	12.49	50.09	32.75	7.79	7.98	4.1	3.683	89.7	2.9	0.7
390	11/9/2015 11:01:11	12.50	49.95	32.64	7.81	7.98	4.7	3.627	89.9	3.2	0.7
391	11/9/2015 11:16:11	12.57	49.93	32.63	7.80	7.98	5.7	3.559	90.0	3.2	0.7
392	11/9/2015 11:31:11	12.75	49.83	32.57	7.90	7.98	5.9	3.483	91.4	3.6	0.9
393	11/9/2015 11:46:11	12.72	50.13	32.79	7.96	7.99	4.9	3.402	92.1	3.4	0.8
394	11/9/2015 12:01:11	12.78	49.78	32.53	7.95	7.99	4.8	3.303	92.0	3.7	0.9
395	11/9/2015 12:16:11	12.86	49.81	32.56	7.81	7.97	5.5	3.204	90.6	3.5	0.8
396	11/9/2015 12:31:11	12.87	49.87	32.60	7.83	7.98	6.0	3.103	90.8	3.6	0.8
397	11/9/2015 12:46:11	12.87	49.84	32.58	7.87	7.98	5.2	2.993	91.2	3.7	0.9
398	11/9/2015 13:01:11	12.98	49.85	32.59	7.81	7.98	6.0	2.906	90.8	3.1	0.7
399	11/9/2015 13:16:11	13.03	49.80	32.56	7.79	7.98	6.5	2.783	90.6	3.3	0.8
400	11/9/2015 13:31:11	13.07	49.76	32.52	7.80	7.98	5.4	2.684	90.7	3.2	0.8
401	11/9/2015 13:46:11	13.15	49.83	32.58	7.83	7.98	6.3	2.561	91.3	3.1	0.7
402	11/9/2015 14:01:11	13.24	49.68	32.48	7.97	7.99	5.7	2.473	93.0	3.0	0.7
403	11/9/2015 14:16:11	13.22	49.82	32.58	8.00	8.00	6.0	2.360	93.4	2.9	0.7
404	11/9/2015 14:31:11	13.27	49.50	32.35	8.02	8.02	7.0	2.249	93.7	3.2	0.7
405	11/9/2015 14:46:11	13.31	49.63	32.44	8.06	8.03	6.3	2.122	94.2	3.1	0.7
406	11/9/2015 15:01:11	13.41	49.78	32.56	8.18	8.05	6.5	2.025	95.9	3.4	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
407	11/9/2015 15:16:11	13.41	49.76	32.54	8.03	8.05	6.2	1.923	94.1	3.1	0.7
408	11/9/2015 15:31:11	13.45	49.51	32.36	8.11	8.05	5.8	1.822	95.0	3.1	0.7
409	11/9/2015 15:46:11	13.49	49.74	32.52	8.15	8.05	5.4	1.727	95.7	3.0	0.7
410	11/9/2015 16:01:11	13.52	49.58	32.41	8.16	8.05	4.8	1.678	95.8	3.3	0.8
411	11/9/2015 16:16:11	13.52	49.58	32.41	8.14	8.04	4.7	1.612	95.5	3.4	0.8
412	11/9/2015 16:31:11	13.49	49.51	32.36	7.97	8.03	3.2	1.589	93.5	3.0	0.7
413	11/9/2015 16:46:11	13.59	49.73	32.52	8.46	8.06	4.5	1.580	99.6	3.5	0.8
414	11/9/2015 17:01:11	13.53	49.72	32.52	8.33	8.05	4.2	1.597	97.9	3.3	0.8
415	11/9/2015 17:16:11	13.46	49.49	32.34	8.24	8.03	4.6	1.616	96.6	3.5	0.8
416	11/9/2015 17:31:11	13.45	49.63	32.44	8.10	8.02	5.2	1.685	95.0	3.5	0.8
417	11/9/2015 17:46:11	13.38	49.51	32.36	8.12	8.03	5.9	1.730	95.0	3.8	0.9
418	11/9/2015 18:01:11	13.37	49.54	32.38	8.04	8.02	6.1	1.828	94.1	3.3	0.8
419	11/9/2015 18:16:12	13.15	48.78	31.82	7.91	7.99	8.5	1.907	91.8	3.5	0.8
420	11/9/2015 18:31:11	13.23	49.03	32.00	7.90	7.99	8.1	2.003	92.0	4.3	1.0
421	11/9/2015 18:46:11	13.27	49.35	32.24	7.94	7.99	7.3	2.099	92.6	3.9	0.9
422	11/9/2015 19:01:11	13.26	49.47	32.33	7.92	7.98	5.7	2.169	92.5	3.3	0.8
423	11/9/2015 19:16:11	13.24	49.56	32.39	7.90	7.98	5.8	2.249	92.2	3.7	0.9
424	11/9/2015 19:31:12	13.20	49.70	32.49	7.78	7.97	5.9	2.349	90.7	3.4	0.8
425	11/9/2015 19:46:11	13.19	49.44	32.30	7.74	7.97	5.7	2.432	90.2	3.2	0.8
426	11/9/2015 20:01:11	13.18	49.60	32.42	7.71	7.97	5.5	2.526	89.8	3.7	0.9
427	11/9/2015 20:16:11	13.17	49.75	32.52	7.69	7.97	6.3	2.592	89.7	3.3	0.8
428	11/9/2015 20:31:11	13.15	49.74	32.52	7.71	7.97	5.7	2.676	89.8	3.0	0.7
429	11/9/2015 20:46:11	13.09	49.83	32.58	7.71	7.97	6.5	2.746	89.9	3.3	0.8
430	11/9/2015 21:01:12	13.05	49.73	32.51	7.73	7.97	6.1	2.820	89.9	3.2	0.7
431	11/9/2015 21:16:11	13.02	49.70	32.48	7.71	7.97	7.3	2.899	89.7	3.4	0.8
432	11/9/2015 21:31:11	12.95	49.82	32.57	7.78	7.97	7.8	2.982	90.3	4.0	0.9
433	11/9/2015 21:46:11	12.86	49.76	32.52	7.81	7.97	8.3	3.043	90.5	3.7	0.9
434	11/9/2015 22:01:12	12.80	49.83	32.57	7.82	7.97	8.2	3.129	90.5	4.0	0.9
435	11/9/2015 22:16:11	12.73	49.88	32.60	7.85	7.97	8.5	3.192	90.8	3.9	0.9
436	11/9/2015 22:31:11	12.69	49.83	32.56	7.90	7.98	6.3	3.251	91.3	3.9	0.9
437	11/9/2015 22:46:11	12.67	49.80	32.54	7.90	7.98	5.5	3.282	91.2	3.8	0.9
438	11/9/2015 23:01:11	12.67	49.78	32.52	7.83	7.97	4.0	3.306	90.4	3.0	0.7
439	11/9/2015 23:16:11	12.70	49.77	32.52	7.70	7.97	3.7	3.334	88.9	2.9	0.7
440	11/9/2015 23:31:11	12.67	49.85	32.58	7.72	7.97	3.5	3.324	89.2	2.8	0.7
441	11/9/2015 23:46:11	12.72	49.71	32.48	7.67	7.96	5.9	3.286	88.6	2.7	0.6
442	11/10/2015 00:01:11	12.67	49.77	32.52	7.73	7.97	5.1	3.248	89.2	3.7	0.9
443	11/10/2015 00:16:11	12.71	49.77	32.52	7.68	7.96	6.8	3.179	88.7	3.0	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
444	11/10/2015 00:31:11	12.77	49.51	32.33	7.62	7.96	7.0	3.124	88.1	3.0	0.7
445	11/10/2015 00:46:11	12.65	49.88	32.60	7.67	7.96	6.0	3.047	88.5	3.7	0.9
446	11/10/2015 01:01:12	12.67	49.93	32.63	7.66	7.96	6.2	2.948	88.5	3.4	0.8
447	11/10/2015 01:16:11	12.74	49.85	32.58	7.56	7.95	6.0	2.884	87.4	3.3	0.8
448	11/10/2015 01:31:12	12.74	49.87	32.59	7.54	7.95	5.6	2.815	87.3	3.0	0.7
449	11/10/2015 01:46:11	12.73	49.60	32.40	7.53	7.95	6.1	2.725	87.0	3.1	0.7
450	11/10/2015 02:01:12	12.68	49.80	32.54	7.45	7.95	6.0	2.662	86.0	2.6	0.6
451	11/10/2015 02:16:11	12.71	49.45	32.29	7.52	7.95	5.4	2.581	86.7	3.0	0.7
452	11/10/2015 02:31:11	12.58	49.42	32.26	7.44	7.95	5.8	2.504	85.6	2.8	0.7
453	11/10/2015 02:46:11	12.59	49.62	32.41	7.50	7.95	6.1	2.442	86.4	3.1	0.7
454	11/10/2015 03:01:11	12.54	49.61	32.40	7.51	7.95	6.2	2.362	86.4	3.1	0.7
455	11/10/2015 03:16:11	12.49	49.57	32.36	7.51	7.95	6.0	2.315	86.2	3.1	0.7
456	11/10/2015 03:31:11	12.53	49.54	32.34	7.50	7.95	5.6	2.255	86.3	3.2	0.7
457	11/10/2015 03:46:11	12.53	49.54	32.34	7.52	7.95	5.8	2.197	86.4	2.8	0.7
458	11/10/2015 04:01:11	12.50	49.52	32.33	7.48	7.95	5.6	2.163	86.0	3.1	0.7
459	11/10/2015 04:16:11	12.52	49.54	32.35	7.50	7.95	4.9	2.145	86.2	3.1	0.7
460	11/10/2015 04:31:11	12.62	49.44	32.28	7.56	7.96	4.1	2.127	87.1	3.3	0.8
461	11/10/2015 04:46:11	12.51	49.45	32.28	7.60	7.96	4.7	2.131	87.3	2.4	0.6
462	11/10/2015 05:01:11	12.50	49.26	32.14	7.67	7.96	4.9	2.170	88.0	2.9	0.7
463	11/10/2015 05:16:11	12.60	49.54	32.35	7.61	7.96	4.6	2.187	87.6	3.0	0.7
464	11/10/2015 05:31:11	12.62	49.62	32.41	7.63	7.96	5.2	2.265	87.9	2.5	0.6
465	11/10/2015 05:46:11	12.62	49.36	32.22	7.60	7.96	5.9	2.300	87.5	2.9	0.7
466	11/10/2015 06:01:11	12.39	49.53	32.34	7.56	7.95	7.2	2.372	86.6	3.1	0.7
467	11/10/2015 06:16:11	12.45	49.61	32.39	7.54	7.95	8.1	2.473	86.6	3.1	0.7
468	11/10/2015 06:31:11	12.47	49.70	32.46	7.52	7.95	7.3	2.530	86.4	3.1	0.7
469	11/10/2015 06:46:12	12.49	49.69	32.46	7.51	7.95	6.0	2.605	86.4	2.8	0.7
470	11/10/2015 07:01:11	12.52	49.69	32.45	7.52	7.95	6.2	2.693	86.6	2.7	0.6
471	11/10/2015 07:16:11	12.59	49.73	32.49	7.57	7.95	5.7	2.777	87.2	3.0	0.7
472	11/10/2015 07:31:11	12.63	49.57	32.37	7.60	7.95	5.8	2.845	87.6	2.9	0.7
473	11/10/2015 07:46:11	12.64	49.49	32.32	7.62	7.96	5.9	2.937	87.8	3.1	0.7
474	11/10/2015 08:01:11	12.64	49.73	32.48	7.63	7.96	5.7	3.020	88.1	2.6	0.6
475	11/10/2015 08:16:11	12.62	49.92	32.62	7.67	7.96	6.8	3.109	88.5	3.3	0.8
476	11/10/2015 08:31:11	12.61	49.61	32.40	7.72	7.96	7.8	3.201	88.9	3.1	0.7
477	11/10/2015 08:46:11	12.59	49.88	32.59	7.73	7.97	8.1	3.279	89.2	3.3	0.8
478	11/10/2015 09:01:11	12.53	49.96	32.65	7.83	7.98	7.6	3.377	90.3	3.7	0.9
479	11/10/2015 09:16:11	12.48	49.87	32.58	7.90	7.99	8.0	3.458	90.9	3.6	0.8
480	11/10/2015 09:31:11	12.49	49.78	32.52	7.95	7.99	8.1	3.504	91.4	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	Fluorescence %FS
481	11/10/2015 09:46:11	12.49	50.14	32.78	7.95	8.00	6.0	3.600	91.6	3.6	0.8
482	11/10/2015 10:01:12	12.45	50.02	32.69	8.01	8.01	5.4	3.657	92.1	3.8	0.9
483	11/10/2015 10:16:11	12.46	50.06	32.72	8.00	8.01	4.1	3.704	92.1	4.0	0.9
484	11/10/2015 10:31:11	12.42	49.77	32.51	7.92	8.00	3.4	3.729	90.9	3.5	0.8
485	11/10/2015 10:46:11	12.26	49.80	32.52	7.71	7.97	4.0	3.765	88.2	3.1	0.7
486	11/10/2015 11:01:11	12.42	49.88	32.59	7.85	7.99	3.2	3.727	90.2	3.0	0.7
487	11/10/2015 11:16:11	12.47	49.87	32.58	7.81	7.98	4.0	3.718	89.9	2.3	0.5
488	11/10/2015 11:31:11	12.46	49.81	32.54	7.93	8.00	4.8	3.658	91.2	2.9	0.7
489	11/10/2015 11:46:11	12.48	49.83	32.55	7.96	8.00	4.8	3.594	91.6	2.9	0.7
490	11/10/2015 12:01:11	12.58	49.90	32.61	8.06	8.01	5.7	3.511	93.0	3.1	0.7
491	11/10/2015 12:16:11	12.74	49.88	32.60	8.15	8.01	5.4	3.405	94.3	3.6	0.8
492	11/10/2015 12:31:11	12.75	49.88	32.60	8.14	8.00	7.0	3.302	94.2	3.1	0.7
493	11/10/2015 12:46:11	12.69	50.04	32.71	8.08	8.00	6.8	3.193	93.4	3.2	0.8
494	11/10/2015 13:01:11	12.69	49.67	32.44	8.10	8.00	7.1	3.097	93.5	3.5	0.8
495	11/10/2015 13:16:11	12.76	49.64	32.43	8.09	7.99	6.9	2.989	93.6	3.0	0.7
496	11/10/2015 13:31:11	12.84	49.59	32.40	8.10	7.99	6.6	2.874	93.7	3.0	0.7
497	11/10/2015 13:46:11	12.86	49.76	32.52	8.13	8.00	6.2	2.764	94.3	3.5	0.8
498	11/10/2015 14:01:11	12.91	49.61	32.41	8.21	8.00	5.4	2.660	95.2	3.3	0.8
499	11/10/2015 14:16:11	12.97	49.78	32.54	8.23	8.00	5.2	2.545	95.6	2.9	0.7
500	11/10/2015 14:31:11	13.05	49.69	32.47	8.37	8.02	5.3	2.409	97.4	3.2	0.7
501	11/10/2015 14:46:11	13.08	49.84	32.58	8.41	8.02	5.9	2.281	97.9	3.5	0.8
502	11/10/2015 15:01:11	13.11	49.68	32.47	8.44	8.02	5.8	2.168	98.3	3.1	0.7
503	11/10/2015 15:16:11	13.16	49.71	32.50	8.41	8.03	6.1	2.041	98.1	3.5	0.8
504	11/10/2015 15:31:11	13.17	49.72	32.50	8.45	8.03	6.7	1.900	98.6	3.1	0.7
505	11/10/2015 15:46:11	13.17	49.64	32.45	8.39	8.02	6.3	1.790	97.9	3.1	0.7
506	11/10/2015 16:01:11	13.14	49.56	32.38	8.36	8.02	6.2	1.692	97.4	3.2	0.7
507	11/10/2015 16:16:11	13.15	49.63	32.43	8.38	8.02	5.3	1.582	97.6	3.0	0.7
508	11/10/2015 16:31:11	13.14	49.64	32.44	8.37	8.02	5.0	1.507	97.6	3.1	0.7
509	11/10/2015 16:46:11	13.15	49.56	32.39	8.31	8.02	4.6	1.457	96.8	2.9	0.7
510	11/10/2015 17:01:11	13.16	49.56	32.39	8.25	8.02	3.5	1.435	96.2	2.6	0.6
511	11/10/2015 17:16:11	13.22	49.78	32.54	8.55	8.04	4.7	1.424	99.8	3.7	0.9
512	11/10/2015 17:31:11	13.17	49.54	32.37	8.46	8.03	4.4	1.456	98.6	3.4	0.8
513	11/10/2015 17:46:11	13.14	49.54	32.37	8.39	8.02	6.3	1.498	97.7	3.7	0.9
514	11/10/2015 18:01:11	13.06	49.51	32.34	8.37	8.02	5.5	1.573	97.3	3.5	0.8
515	11/10/2015 18:16:11	13.01	49.48	32.32	8.40	8.02	6.0	1.643	97.5	3.7	0.9
516	11/10/2015 18:31:11	12.70	49.19	32.10	8.39	8.00	7.5	1.721	96.7	3.6	0.8
517	11/10/2015 18:46:11	12.54	48.75	31.77	8.37	7.99	7.9	1.814	95.9	3.5	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
518	11/10/2015 19:01:11	12.77	49.30	32.18	8.33	8.00	7.8	1.890	96.1	3.6	0.8
519	11/10/2015 19:16:11	12.86	49.34	32.21	8.31	8.00	6.3	1.967	96.1	3.6	0.8
520	11/10/2015 19:31:11	12.85	49.43	32.28	8.29	8.00	5.7	2.054	96.0	3.6	0.8
521	11/10/2015 19:46:11	12.82	49.39	32.25	8.30	8.00	5.2	2.147	95.9	3.7	0.9
522	11/10/2015 20:01:11	12.83	49.28	32.17	8.26	8.00	5.8	2.229	95.5	3.5	0.8
523	11/10/2015 20:16:11	12.86	49.33	32.21	8.18	8.00	5.9	2.320	94.6	3.7	0.9
524	11/10/2015 20:31:11	12.90	49.41	32.27	8.06	7.99	5.6	2.410	93.3	3.5	0.8
525	11/10/2015 20:46:11	12.93	49.47	32.31	7.99	7.98	5.8	2.498	92.6	3.6	0.9
526	11/10/2015 21:01:11	12.94	49.61	32.42	7.97	7.98	6.5	2.595	92.4	3.4	0.8
527	11/10/2015 21:16:11	12.94	49.70	32.48	7.94	7.98	7.0	2.667	92.2	3.4	0.8
528	11/10/2015 21:31:11	12.90	49.61	32.41	7.96	7.98	6.3	2.756	92.2	3.4	0.8
529	11/10/2015 21:46:11	12.89	49.44	32.29	7.95	7.98	7.2	2.841	92.0	3.5	0.8
530	11/10/2015 22:01:11	12.86	49.58	32.39	7.96	7.98	8.6	2.914	92.2	3.5	0.8
531	11/10/2015 22:16:11	12.84	49.60	32.40	7.96	7.98	8.8	2.992	92.2	4.0	0.9
532	11/10/2015 22:31:11	12.80	49.68	32.46	7.98	7.98	8.7	3.066	92.4	4.2	1.0
533	11/10/2015 22:46:11	12.78	49.72	32.49	7.98	7.99	8.7	3.133	92.3	4.0	0.9
534	11/10/2015 23:01:11	12.72	49.99	32.68	7.99	7.99	7.9	3.190	92.4	4.5	1.1
535	11/10/2015 23:16:11	12.68	49.71	32.48	8.02	7.99	6.7	3.252	92.6	3.8	0.9
536	11/10/2015 23:31:11	12.65	49.92	32.63	7.98	8.00	5.9	3.296	92.2	3.8	0.9
537	11/10/2015 23:46:11	12.56	49.95	32.64	7.90	7.99	4.3	3.317	91.1	3.9	0.9
538	11/11/2015 00:01:11	12.59	49.54	32.35	7.81	7.97	4.1	3.334	89.9	3.7	0.9
539	11/11/2015 00:16:11	12.63	49.61	32.40	7.87	7.98	4.3	3.313	90.7	3.4	0.8
540	11/11/2015 00:31:11	12.36	49.60	32.39	7.77	7.97	6.0	3.310	89.0	2.8	0.7
541	11/11/2015 00:46:11	12.53	49.90	32.61	7.95	7.99	5.1	3.253	91.6	3.3	0.8
542	11/11/2015 01:01:11	12.50	49.78	32.52	7.86	7.98	7.3	3.182	90.5	3.6	0.8
543	11/11/2015 01:16:11	12.59	49.76	32.51	7.82	7.97	7.6	3.122	90.1	4.0	0.9
544	11/11/2015 01:31:11	12.53	49.85	32.57	7.89	7.98	8.3	3.021	90.9	4.2	1.0
545	11/11/2015 01:46:11	12.52	49.87	32.59	7.87	7.98	6.0	2.956	90.6	3.9	0.9
546	11/11/2015 02:01:11	12.51	49.72	32.47	7.81	7.97	6.7	2.861	89.8	3.2	0.8
547	11/11/2015 02:16:11	12.46	49.51	32.32	7.79	7.96	6.2	2.791	89.4	3.4	0.8
548	11/11/2015 02:31:11	12.41	49.54	32.34	7.81	7.97	6.5	2.716	89.5	3.5	0.8
549	11/11/2015 02:46:11	12.33	49.54	32.33	7.80	7.96	6.0	2.627	89.3	2.9	0.7
550	11/11/2015 03:01:11	12.26	49.61	32.39	7.74	7.96	6.7	2.561	88.5	3.3	0.8
551	11/11/2015 03:16:11	12.20	49.64	32.40	7.74	7.96	6.0	2.486	88.5	3.8	0.9
552	11/11/2015 03:31:11	12.15	49.50	32.30	7.77	7.96	6.3	2.421	88.6	3.1	0.7
553	11/11/2015 03:46:11	12.20	49.72	32.46	7.71	7.96	5.9	2.347	88.2	3.2	0.7
554	11/11/2015 04:01:11	12.21	49.66	32.42	7.76	7.96	5.4	2.291	88.7	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	Fluorescence %FS
555	11/11/2015 04:16:11	12.17	49.58	32.36	7.73	7.96	5.9	2.256	88.2	3.4	0.8
556	11/11/2015 04:31:11	12.13	49.51	32.31	7.73	7.96	5.3	2.204	88.1	3.5	0.8
557	11/11/2015 04:46:11	12.18	49.55	32.34	7.78	7.97	4.9	2.182	88.7	3.6	0.8
558	11/11/2015 05:01:11	12.24	49.67	32.42	7.81	7.97	4.5	2.177	89.3	3.4	0.8
559	11/11/2015 05:16:11	12.29	49.57	32.35	7.88	7.97	4.3	2.197	90.1	3.2	0.8
560	11/11/2015 05:31:11	12.27	49.59	32.37	7.85	7.97	4.5	2.214	89.7	3.3	0.8
561	11/11/2015 05:46:11	12.31	49.61	32.39	7.89	7.97	4.7	2.248	90.4	3.4	0.8
562	11/11/2015 06:01:11	12.31	49.60	32.38	7.88	7.97	4.8	2.313	90.2	3.3	0.8
563	11/11/2015 06:16:11	12.30	49.60	32.38	7.85	7.97	5.2	2.376	89.9	3.3	0.8
564	11/11/2015 06:31:11	12.14	49.58	32.36	7.84	7.96	7.1	2.442	89.4	3.1	0.7
565	11/11/2015 06:46:11	12.23	49.51	32.31	7.79	7.96	6.6	2.509	89.0	3.5	0.8
566	11/11/2015 07:01:11	12.32	49.70	32.45	7.78	7.96	5.2	2.590	89.1	3.2	0.8
567	11/11/2015 07:16:11	12.30	49.69	32.44	7.79	7.96	5.2	2.664	89.2	3.6	0.8
568	11/11/2015 07:31:11	12.30	49.68	32.44	7.79	7.96	5.5	2.735	89.2	3.2	0.7
569	11/11/2015 07:46:11	12.37	49.39	32.23	7.83	7.97	4.9	2.820	89.6	2.9	0.7
570	11/11/2015 08:01:11	12.45	49.52	32.33	7.86	7.97	5.0	2.898	90.2	3.3	0.8
571	11/11/2015 08:16:11	12.48	49.61	32.40	7.87	7.97	5.6	2.982	90.4	3.5	0.8
572	11/11/2015 08:31:11	12.51	49.91	32.61	7.88	7.98	6.1	3.062	90.7	3.1	0.7
573	11/11/2015 08:46:11	12.50	49.92	32.62	7.90	7.98	7.0	3.148	90.9	3.4	0.8
574	11/11/2015 09:01:11	12.50	49.75	32.50	7.94	7.99	7.4	3.241	91.3	3.8	0.9
575	11/11/2015 09:16:11	12.48	49.84	32.56	7.98	8.00	8.2	3.325	91.7	3.7	0.9
576	11/11/2015 09:31:11	12.42	49.75	32.49	8.03	8.00	10.3	3.415	92.2	3.9	0.9
577	11/11/2015 09:46:11	12.38	50.12	32.76	8.06	8.01	9.2	3.498	92.6	4.6	1.1
578	11/11/2015 10:01:11	12.33	50.06	32.72	8.09	8.02	7.9	3.578	92.8	3.9	0.9
579	11/11/2015 10:16:11	12.32	49.88	32.58	8.10	8.02	6.9	3.643	92.8	3.8	0.9
580	11/11/2015 10:31:11	12.30	50.26	32.86	8.08	8.02	4.9	3.706	92.8	4.1	1.0
581	11/11/2015 10:46:11	12.27	50.02	32.69	8.11	8.03	4.2	3.749	93.0	3.7	0.9
582	11/11/2015 11:01:11	12.29	50.21	32.82	8.05	8.03	3.3	3.778	92.4	3.7	0.9
583	11/11/2015 11:16:11	12.28	50.16	32.78	8.09	8.02	3.3	3.794	92.7	3.3	0.8
584	11/11/2015 11:31:11	12.26	50.23	32.83	7.99	8.02	3.2	3.776	91.6	3.0	0.7
585	11/11/2015 11:46:11	12.32	50.20	32.82	7.99	8.01	4.0	3.742	91.7	2.9	0.7
586	11/11/2015 12:01:11	12.28	49.94	32.63	8.02	8.02	3.8	3.686	91.9	3.1	0.7
587	11/11/2015 12:16:11	12.32	50.21	32.82	8.07	8.02	5.3	3.603	92.7	3.4	0.8
588	11/11/2015 12:31:11	12.58	50.05	32.72	8.25	8.03	5.7	3.512	95.2	3.8	0.9
589	11/11/2015 12:46:12	12.72	50.21	32.84	8.34	8.04	4.7	3.417	96.6	3.5	0.8
590	11/11/2015 13:01:11	12.80	49.98	32.67	8.38	8.03	5.3	3.309	97.1	3.1	0.7
591	11/11/2015 13:16:11	12.69	50.06	32.73	8.32	8.02	7.1	3.184	96.2	4.0	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	DO Conc		pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm	Salinity ppt	mg/L		NTU	meters		ug/L	%FS
592	11/11/2015 13:31:11	12.69	49.80	32.54	8.35	8.02	7.3	3.078	96.5	4.1	1.0
593	11/11/2015 13:46:11	12.72	49.98	32.67	8.38	8.02	6.1	2.970	96.9	3.9	0.9
594	11/11/2015 14:01:11	12.80	49.83	32.57	8.40	8.02	6.7	2.847	97.2	3.5	0.8
595	11/11/2015 14:16:11	12.81	49.75	32.51	8.46	8.03	5.3	2.730	98.0	3.5	0.8
596	11/11/2015 14:31:11	12.87	49.84	32.57	8.49	8.02	5.4	2.611	98.4	3.1	0.7
597	11/11/2015 14:46:11	12.96	49.82	32.57	8.56	8.03	5.4	2.493	99.4	3.0	0.7
598	11/11/2015 15:01:11	12.96	49.69	32.47	8.59	8.03	5.4	2.363	99.7	3.3	0.8
599	11/11/2015 15:16:11	12.99	49.66	32.45	8.64	8.04	5.7	2.233	100.4	3.1	0.7
600	11/11/2015 15:31:11	13.02	49.63	32.43	8.66	8.04	6.5	2.104	100.7	3.3	0.8
601	11/11/2015 15:46:11	13.09	49.76	32.53	8.65	8.04	6.0	1.963	100.7	3.4	0.8
602	11/11/2015 16:01:11	13.09	49.72	32.50	8.57	8.03	6.8	1.837	99.8	3.6	0.8
603	11/11/2015 16:16:11	13.05	49.66	32.45	8.55	8.03	6.5	1.712	99.4	3.8	0.9
604	11/11/2015 16:31:11	13.08	49.62	32.42	8.55	8.03	5.5	1.591	99.4	3.2	0.8
605	11/11/2015 16:46:11	13.03	49.56	32.38	8.52	8.03	5.1	1.496	99.0	3.3	0.8
606	11/11/2015 17:01:11	13.04	49.56	32.38	8.51	8.03	5.3	1.421	99.0	3.1	0.7
607	11/11/2015 17:16:11	13.03	49.63	32.43	8.48	8.03	4.6	1.365	98.5	3.7	0.9
608	11/11/2015 17:31:11	13.05	49.57	32.39	8.49	8.03	4.7	1.325	98.6	3.4	0.8
609	11/11/2015 17:46:11	13.11	49.62	32.43	8.60	8.04	5.2	1.342	100.1	3.7	0.9
610	11/11/2015 18:01:11	13.03	49.52	32.35	8.54	8.03	4.6	1.373	99.2	4.0	0.9
611	11/11/2015 18:16:11	13.03	49.55	32.37	8.55	8.03	8.0	1.422	99.4	3.5	0.8
612	11/11/2015 18:31:11	12.97	49.37	32.24	8.56	8.03	5.7	1.486	99.2	3.4	0.8
613	11/11/2015 18:46:11	12.96	49.59	32.40	8.54	8.02	5.6	1.565	99.1	3.8	0.9
614	11/11/2015 19:01:11	12.92	49.54	32.36	8.56	8.02	6.9	1.647	99.2	3.6	0.8
615	11/11/2015 19:16:11	12.48	49.16	32.07	8.61	8.00	8.2	1.731	98.7	3.9	0.9
616	11/11/2015 19:31:11	12.53	49.28	32.15	8.60	8.01	7.6	1.800	98.8	3.5	0.8
617	11/11/2015 19:46:11	12.63	49.40	32.25	8.58	8.01	6.5	1.895	98.8	3.6	0.8
618	11/11/2015 20:01:11	12.70	49.51	32.33	8.56	8.02	5.9	1.975	98.7	3.7	0.9
619	11/11/2015 20:16:12	12.72	49.52	32.34	8.53	8.02	5.6	2.065	98.4	4.0	0.9
620	11/11/2015 20:31:11	12.72	49.54	32.35	8.52	8.01	5.8	2.160	98.3	3.6	0.8
621	11/11/2015 20:46:11	12.71	49.39	32.24	8.49	8.01	5.6	2.238	97.9	3.2	0.8
622	11/11/2015 21:01:11	12.73	49.51	32.33	8.39	8.01	5.5	2.349	96.9	3.2	0.7
623	11/11/2015 21:16:11	12.77	49.67	32.45	8.30	8.00	6.0	2.440	96.0	3.3	0.8
624	11/11/2015 21:31:11	12.81	49.48	32.32	8.27	8.00	6.4	2.531	95.7	4.0	0.9
625	11/11/2015 21:46:11	12.85	49.49	32.32	8.24	8.00	6.5	2.616	95.4	4.0	0.9
626	11/11/2015 22:01:11	12.83	49.54	32.36	8.23	8.00	6.1	2.719	95.2	3.5	0.8
627	11/11/2015 22:16:11	12.83	49.56	32.37	8.21	8.00	8.7	2.803	95.0	4.0	0.9
628	11/11/2015 22:31:11	12.78	49.73	32.49	8.21	8.00	8.5	2.868	95.0	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	Fluorescence %FS
629	11/11/2015 22:46:11	12.76	49.71	32.48	8.24	8.00	8.2	2.966	95.2	3.9	0.9
630	11/11/2015 23:01:11	12.73	49.76	32.51	8.23	8.00	9.9	3.038	95.2	3.9	0.9
631	11/11/2015 23:16:11	12.68	50.02	32.70	8.21	8.01	9.6	3.104	94.9	4.1	1.0
632	11/11/2015 23:31:11	12.65	49.73	32.49	8.22	8.01	8.4	3.168	94.9	4.3	1.0
633	11/11/2015 23:46:11	12.63	49.77	32.52	8.19	8.01	7.4	3.240	94.5	4.5	1.1
634	11/12/2015 00:01:11	12.60	49.86	32.58	8.19	8.02	6.3	3.286	94.4	4.1	1.0
635	11/12/2015 00:16:11	12.58	49.83	32.56	8.18	8.02	4.3	3.329	94.2	4.1	1.0
636	11/12/2015 00:31:11	12.56	49.69	32.46	8.10	8.01	3.7	3.351	93.3	4.0	1.0
637	11/12/2015 00:46:11	12.59	49.70	32.46	8.07	8.00	3.4	3.361	93.0	3.7	0.9
638	11/12/2015 01:01:11	12.59	49.66	32.43	8.04	8.00	4.7	3.341	92.6	3.2	0.7
639	11/12/2015 01:16:11	12.59	49.71	32.47	8.12	8.01	5.0	3.314	93.5	3.4	0.8
640	11/12/2015 01:31:11	12.58	49.80	32.54	8.10	8.00	5.4	3.253	93.3	3.5	0.8
641	11/12/2015 01:46:11	12.62	49.68	32.45	8.13	8.00	6.6	3.191	93.7	3.7	0.9
642	11/12/2015 02:01:11	12.59	49.82	32.55	8.10	8.00	5.8	3.111	93.4	4.2	1.0
643	11/12/2015 02:16:11	12.57	49.81	32.54	8.12	8.00	6.1	3.039	93.6	3.9	0.9
644	11/12/2015 02:31:11	12.63	49.57	32.37	8.10	7.99	6.5	2.961	93.3	3.3	0.8
645	11/12/2015 02:46:11	12.63	49.62	32.41	8.08	7.98	7.4	2.875	93.2	3.4	0.8
646	11/12/2015 03:01:11	12.61	49.83	32.56	8.08	7.99	5.6	2.792	93.1	3.4	0.8
647	11/12/2015 03:16:11	12.57	49.69	32.45	8.03	7.98	5.4	2.721	92.5	3.6	0.9
648	11/12/2015 03:31:11	12.53	49.76	32.50	7.99	7.97	5.7	2.646	91.9	3.3	0.8
649	11/12/2015 03:46:11	12.57	49.54	32.34	8.03	7.98	5.3	2.581	92.4	3.5	0.8
650	11/12/2015 04:01:11	12.50	49.55	32.35	7.95	7.97	5.2	2.503	91.4	3.6	0.8
651	11/12/2015 04:16:11	12.55	49.48	32.31	8.00	7.97	4.8	2.444	92.0	3.3	0.8
652	11/12/2015 04:31:11	12.47	49.43	32.26	7.92	7.97	5.2	2.392	90.9	3.3	0.8
653	11/12/2015 04:46:11	12.43	49.80	32.53	7.89	7.97	5.7	2.349	90.6	3.5	0.8
654	11/12/2015 05:01:11	12.41	49.71	32.47	7.92	7.97	4.8	2.296	90.9	3.6	0.8
655	11/12/2015 05:16:11	12.38	49.68	32.44	7.87	7.97	4.9	2.271	90.2	3.6	0.8
656	11/12/2015 05:31:11	12.43	49.62	32.40	7.95	7.98	4.0	2.256	91.2	3.8	0.9
657	11/12/2015 05:46:11	12.41	49.72	32.47	7.97	7.97	4.0	2.253	91.5	3.5	0.8
658	11/12/2015 06:01:11	12.44	49.68	32.44	8.01	7.98	4.5	2.281	92.0	3.5	0.8
659	11/12/2015 06:16:11	12.45	49.75	32.50	8.00	7.97	4.5	2.311	91.9	3.1	0.7
660	11/12/2015 06:31:11	12.50	49.33	32.20	8.10	7.98	4.6	2.352	92.9	3.3	0.8
661	11/12/2015 06:46:11	12.53	49.75	32.50	8.06	7.98	4.8	2.405	92.8	3.9	0.9
662	11/12/2015 07:01:11	12.41	49.57	32.36	8.03	7.97	6.0	2.468	92.2	3.4	0.8
663	11/12/2015 07:16:11	12.46	49.69	32.45	8.01	7.97	7.3	2.537	92.0	3.8	0.9
664	11/12/2015 07:31:11	12.43	49.82	32.54	7.99	7.98	7.0	2.631	91.8	3.7	0.9
665	11/12/2015 07:46:11	12.45	49.71	32.47	7.99	7.98	6.0	2.698	91.8	3.3	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
666	11/12/2015 08:01:11	12.47	49.77	32.51	8.00	7.98	5.7	2.773	92.0	3.3	0.8
667	11/12/2015 08:16:11	12.54	49.74	32.49	8.04	7.98	5.6	2.851	92.6	3.3	0.8
668	11/12/2015 08:31:11	12.57	49.87	32.59	8.05	7.99	5.2	2.918	92.7	3.2	0.8
669	11/12/2015 08:46:11	12.58	49.83	32.56	8.04	7.99	5.1	3.011	92.7	2.9	0.7
670	11/12/2015 09:01:11	12.57	49.91	32.61	8.03	8.00	6.2	3.094	92.6	3.5	0.8
671	11/12/2015 09:16:11	12.56	49.97	32.66	8.01	8.00	6.0	3.185	92.4	3.8	0.9
672	11/12/2015 09:31:11	12.56	49.98	32.67	8.02	8.01	6.9	3.263	92.5	3.4	0.8
673	11/12/2015 09:46:11	12.54	49.99	32.67	8.04	8.01	8.0	3.355	92.6	3.4	0.8
674	11/12/2015 10:01:11	12.50	50.06	32.72	8.04	8.01	7.6	3.432	92.6	4.1	1.0
675	11/12/2015 10:16:11	12.46	50.08	32.73	8.04	8.02	6.9	3.519	92.5	3.7	0.9
676	11/12/2015 10:31:11	12.45	50.13	32.77	8.02	8.02	5.5	3.589	92.3	4.1	1.0
677	11/12/2015 10:46:11	12.41	50.20	32.82	8.01	8.02	5.2	3.660	92.1	3.9	0.9
678	11/12/2015 11:01:11	12.39	50.30	32.89	7.99	8.02	3.9	3.711	91.9	3.6	0.8
679	11/12/2015 11:16:11	12.38	50.17	32.80	7.98	8.02	3.8	3.745	91.7	3.8	0.9
680	11/12/2015 11:31:11	12.40	50.09	32.74	7.98	8.02	2.8	3.778	91.8	3.7	0.9
681	11/12/2015 11:46:11	12.39	50.11	32.76	7.98	8.02	2.6	3.800	91.7	3.6	0.8
682	11/12/2015 12:01:11	12.42	50.09	32.74	7.97	8.02	2.6	3.779	91.6	3.3	0.8
683	11/12/2015 12:16:11	12.42	49.86	32.57	7.93	8.01	3.5	3.735	91.1	3.3	0.8
684	11/12/2015 12:31:11	12.43	50.14	32.78	7.93	8.01	4.8	3.712	91.3	3.3	0.8
685	11/12/2015 12:46:12	12.46	50.23	32.84	7.91	8.02	4.0	3.623	91.1	3.6	0.8
686	11/12/2015 13:01:11	12.57	50.07	32.73	8.04	8.03	4.7	3.531	92.7	3.7	0.9
687	11/12/2015 13:16:11	12.72	50.10	32.76	8.15	8.04	5.5	3.437	94.4	3.7	0.9
688	11/12/2015 13:31:11	12.77	49.62	32.41	8.28	8.04	6.5	3.329	95.7	3.6	0.8
689	11/12/2015 13:46:11	12.75	49.90	32.62	8.27	8.03	7.8	3.228	95.6	3.6	0.8
690	11/12/2015 14:01:11	12.83	49.79	32.54	8.27	8.03	8.9	3.125	95.8	4.1	1.0
691	11/12/2015 14:16:11	12.80	49.81	32.55	8.34	8.03	9.8	3.001	96.6	4.4	1.0
692	11/12/2015 14:31:11	12.87	49.71	32.48	8.45	8.03	9.8	2.890	98.0	3.7	0.9
693	11/12/2015 14:46:11	12.92	49.88	32.61	8.50	8.03	10.7	2.770	98.7	4.0	0.9
694	11/12/2015 15:01:11	12.95	49.84	32.58	8.53	8.03	12.1	2.659	99.1	4.2	1.0
695	11/12/2015 15:16:11	12.99	49.78	32.54	8.52	8.04	13.3	2.538	99.1	4.3	1.0
696	11/12/2015 15:31:11	13.00	49.78	32.54	8.51	8.04	16.8	2.410	98.9	3.9	0.9
697	11/12/2015 15:46:11	13.00	49.68	32.47	8.56	8.04	18.6	2.276	99.4	4.6	1.1
698	11/12/2015 16:01:11	13.00	49.83	32.57	8.52	8.04	22.5	2.145	99.1	4.9	1.1
699	11/12/2015 16:16:11	13.00	49.81	32.56	8.50	8.04	26.0	2.010	98.9	4.7	1.1
700	11/12/2015 16:31:11	13.00	49.72	32.49	8.53	8.03	25.4	1.860	99.1	5.0	1.2
701	11/12/2015 16:46:11	13.01	49.69	32.48	8.45	8.03	30.0	1.740	98.3	4.8	1.1
702	11/12/2015 17:01:11	13.01	49.70	32.48	8.45	8.02	24.8	1.605	98.1	5.3	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	Fluorescence %FS
703	11/12/2015 17:16:11	13.01	49.69	32.47	8.42	8.02	21.0	1.503	97.8	4.7	1.1
704	11/12/2015 17:31:11	13.02	49.69	32.48	8.39	8.02	17.7	1.399	97.6	4.1	1.0
705	11/12/2015 17:46:11	12.98	49.66	32.45	8.33	8.02	13.9	1.314	96.8	5.0	1.2
706	11/12/2015 18:01:11	12.97	49.57	32.38	8.30	8.02	10.9	1.288	96.3	4.1	1.0
707	11/12/2015 18:16:11	12.94	49.46	32.30	8.33	8.02	10.1	1.270	96.6	3.8	0.9
708	11/12/2015 18:31:11	12.97	49.57	32.38	8.36	8.02	10.2	1.279	97.0	4.1	1.0
709	11/12/2015 18:46:11	12.97	49.46	32.31	8.38	8.02	10.4	1.308	97.2	4.6	1.1
710	11/12/2015 19:01:11	12.99	49.53	32.35	8.39	8.01	17.2	1.378	97.4	4.5	1.1
711	11/12/2015 19:16:11	12.99	49.39	32.26	8.42	8.01	13.1	1.452	97.7	4.2	1.0
712	11/12/2015 19:31:11	12.95	49.61	32.42	8.42	8.01	13.9	1.538	97.7	4.6	1.1
713	11/12/2015 19:46:11	12.68	49.02	31.97	8.45	7.99	17.0	1.625	97.2	4.0	0.9
714	11/12/2015 20:01:11	12.67	49.22	32.12	8.49	7.99	14.8	1.691	97.8	4.8	1.1
715	11/12/2015 20:16:11	12.82	49.24	32.14	8.46	8.00	15.3	1.795	97.8	4.4	1.0
716	11/12/2015 20:31:11	12.85	49.45	32.29	8.43	8.01	12.9	1.886	97.6	4.8	1.1
717	11/12/2015 20:46:11	12.82	49.41	32.26	8.45	8.01	11.0	1.964	97.7	4.1	1.0
718	11/12/2015 21:01:11	12.84	49.37	32.23	8.45	8.01	9.8	2.046	97.7	3.9	0.9
719	11/12/2015 21:16:11	12.85	49.52	32.34	8.43	8.01	10.4	2.162	97.6	4.2	1.0
720	11/12/2015 21:31:11	12.88	49.41	32.26	8.41	8.01	12.0	2.256	97.3	4.0	0.9
721	11/12/2015 21:46:11	12.92	49.53	32.36	8.39	8.01	11.7	2.351	97.3	4.3	1.0
722	11/12/2015 22:01:11	12.94	49.57	32.39	8.39	8.01	11.6	2.433	97.3	4.2	1.0
723	11/12/2015 22:16:11	12.99	49.60	32.41	8.39	8.01	10.3	2.534	97.4	4.1	1.0
724	11/12/2015 22:31:11	12.97	49.48	32.32	8.37	8.01	11.3	2.621	97.0	4.0	0.9
725	11/12/2015 22:46:11	12.93	49.67	32.46	8.33	8.01	12.5	2.705	96.6	4.1	1.0
726	11/12/2015 23:01:11	12.91	49.73	32.50	8.31	8.01	15.4	2.791	96.4	4.0	0.9
727	11/12/2015 23:16:11	12.88	49.60	32.41	8.31	8.01	14.6	2.871	96.3	4.1	1.0
728	11/12/2015 23:31:11	12.81	49.71	32.48	8.28	8.02	17.0	2.957	95.8	4.4	1.0
729	11/12/2015 23:46:11	12.76	49.80	32.54	8.26	8.02	13.6	3.029	95.5	4.0	0.9
730	11/13/2015 00:01:11	12.72	49.94	32.65	8.25	8.02	13.3	3.098	95.5	4.2	1.0
731	11/13/2015 00:16:11	12.68	50.04	32.72	8.26	8.02	11.0	3.161	95.5	4.2	1.0
732	11/13/2015 00:31:11	12.65	49.77	32.52	8.27	8.02	8.7	3.219	95.4	4.2	1.0
733	11/13/2015 00:46:11	12.64	50.04	32.72	8.26	8.02	6.5	3.269	95.4	3.8	0.9
734	11/13/2015 01:01:11	12.59	50.06	32.73	8.22	8.03	4.1	3.311	94.8	4.1	1.0
735	11/13/2015 01:16:12	12.55	49.90	32.61	8.11	8.01	4.8	3.325	93.4	4.3	1.0
736	11/13/2015 01:31:11	12.60	49.70	32.46	8.13	8.02	4.3	3.327	93.6	3.4	0.8
737	11/13/2015 01:46:11	12.53	49.70	32.46	8.09	8.01	5.7	3.301	93.1	3.8	0.9
738	11/13/2015 02:01:11	12.61	49.79	32.53	8.18	8.02	6.4	3.260	94.3	3.5	0.8
739	11/13/2015 02:16:11	12.59	49.59	32.39	8.14	8.01	7.4	3.201	93.7	3.6	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
740	11/13/2015 02:31:11	12.55	49.59	32.38	8.09	8.00	7.4	3.126	93.1	3.6	0.8
741	11/13/2015 02:46:11	12.54	50.02	32.69	8.15	8.01	6.8	3.048	93.9	3.8	0.9
742	11/13/2015 03:01:11	12.53	49.95	32.64	8.16	8.01	6.0	2.966	94.0	3.6	0.8
743	11/13/2015 03:16:11	12.58	49.94	32.64	8.10	8.00	6.3	2.892	93.4	3.7	0.9
744	11/13/2015 03:31:12	12.59	49.94	32.64	8.06	8.00	5.7	2.817	93.0	4.0	0.9
745	11/13/2015 03:46:11	12.54	49.59	32.38	8.06	7.99	7.1	2.745	92.7	3.5	0.8
746	11/13/2015 04:01:11	12.51	49.55	32.35	8.02	7.99	6.3	2.678	92.2	3.4	0.8
747	11/13/2015 04:16:11	12.49	49.45	32.28	8.04	7.99	6.0	2.598	92.3	3.5	0.8
748	11/13/2015 04:31:11	12.36	49.74	32.49	7.93	7.98	6.0	2.549	91.0	3.1	0.7
749	11/13/2015 04:46:11	12.34	49.65	32.42	7.94	7.98	5.7	2.493	91.0	3.7	0.9
750	11/13/2015 05:01:11	12.36	49.38	32.22	7.97	7.98	6.6	2.434	91.2	3.6	0.8
751	11/13/2015 05:16:11	12.33	49.82	32.54	7.93	7.98	5.9	2.395	90.9	3.5	0.8
752	11/13/2015 05:31:11	12.34	49.31	32.17	7.95	7.98	5.9	2.348	90.9	3.5	0.8
753	11/13/2015 05:46:11	12.28	49.73	32.47	7.94	7.98	5.4	2.323	90.9	3.2	0.7
754	11/13/2015 06:01:11	12.38	49.76	32.50	7.96	7.98	5.3	2.298	91.3	4.0	0.9
755	11/13/2015 06:16:11	12.38	49.61	32.39	7.93	7.98	5.5	2.297	90.9	3.7	0.9
756	11/13/2015 06:31:11	12.39	49.51	32.32	8.01	7.99	5.1	2.315	91.8	3.8	0.9
757	11/13/2015 06:46:11	12.40	49.78	32.51	7.99	7.98	4.9	2.343	91.7	3.6	0.8
758	11/13/2015 07:01:11	12.49	49.68	32.44	8.06	7.99	5.1	2.373	92.7	3.7	0.9
759	11/13/2015 07:16:12	12.49	49.80	32.54	8.05	7.99	6.4	2.431	92.6	3.6	0.8
760	11/13/2015 07:31:11	12.51	49.51	32.32	8.06	7.99	6.4	2.493	92.6	3.4	0.8
761	11/13/2015 07:46:11	12.50	49.50	32.31	8.06	7.99	6.7	2.556	92.6	3.1	0.7
762	11/13/2015 08:01:11	12.47	49.79	32.52	8.04	7.99	6.5	2.626	92.4	3.0	0.7
763	11/13/2015 08:16:11	12.44	49.82	32.54	8.02	7.99	5.2	2.698	92.2	3.3	0.8
764	11/13/2015 08:31:12	12.44	49.91	32.61	8.02	7.99	5.4	2.767	92.2	3.1	0.7
765	11/13/2015 08:46:12	12.49	49.86	32.58	8.06	8.00	5.2	2.840	92.7	3.9	0.9
766	11/13/2015 09:01:11	12.55	49.79	32.53	8.11	8.00	5.2	2.918	93.4	3.5	0.8
767	11/13/2015 09:16:11	12.56	49.88	32.59	8.13	8.01	5.0	2.983	93.7	3.5	0.8
768	11/13/2015 09:31:11	12.57	49.97	32.66	8.14	8.01	5.9	3.075	93.9	3.5	0.8
769	11/13/2015 09:46:11	12.55	50.02	32.69	8.16	8.01	6.5	3.155	94.0	3.6	0.8
770	11/13/2015 10:01:11	12.55	50.00	32.68	8.17	8.01	7.2	3.240	94.1	3.5	0.8
771	11/13/2015 10:16:11	12.53	50.02	32.69	8.18	8.02	7.3	3.335	94.2	3.9	0.9
772	11/13/2015 10:31:11	12.48	50.04	32.71	8.15	8.02	8.4	3.414	93.9	4.1	1.0
773	11/13/2015 10:46:11	12.43	50.15	32.79	8.12	8.02	7.5	3.491	93.4	3.6	0.8
774	11/13/2015 11:01:12	12.40	50.11	32.75	8.06	8.02	7.6	3.569	92.7	4.1	1.0
775	11/13/2015 11:16:12	12.36	50.20	32.82	8.00	8.01	6.4	3.639	92.0	3.9	0.9
776	11/13/2015 11:31:12	12.36	50.16	32.79	7.98	8.01	5.3	3.692	91.7	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	Fluorescence %FS
777	11/13/2015 11:46:12	12.31	50.26	32.86	7.92	8.01	3.8	3.738	90.9	3.3	0.8
778	11/13/2015 12:01:12	12.34	50.30	32.89	7.87	8.01	3.5	3.759	90.4	3.6	0.8
779	11/13/2015 12:16:11	12.33	50.02	32.68	7.82	8.01	1.9	3.776	89.7	2.8	0.7
780	11/13/2015 12:31:11	12.34	49.83	32.55	7.85	8.01	2.6	3.775	90.1	3.3	0.8
781	11/13/2015 12:46:11	12.31	50.17	32.79	7.79	8.00	3.1	3.760	89.4	2.9	0.7
782	11/13/2015 13:01:11	12.36	50.21	32.82	7.83	8.00	3.9	3.688	90.0	3.4	0.8
783	11/13/2015 13:16:11	12.34	50.31	32.90	7.84	8.00	4.0	3.623	90.1	3.3	0.8
784	11/13/2015 13:31:11	12.48	49.99	32.67	8.01	8.01	5.6	3.542	92.2	3.8	0.9
785	11/13/2015 13:46:11	12.74	50.19	32.82	8.26	8.03	4.7	3.448	95.6	3.0	0.7
786	11/13/2015 14:01:11	12.85	49.95	32.66	8.40	8.04	4.6	3.355	97.4	3.6	0.9
787	11/13/2015 14:16:11	12.85	49.95	32.66	8.44	8.04	6.5	3.248	97.8	3.4	0.8
788	11/13/2015 14:31:11	12.85	49.92	32.63	8.49	8.04	6.2	3.136	98.4	3.5	0.8
789	11/13/2015 14:46:11	12.80	49.90	32.62	8.48	8.04	7.1	3.014	98.3	3.9	0.9
790	11/13/2015 15:01:11	12.90	49.93	32.64	8.51	8.04	6.7	2.906	98.8	3.6	0.8
791	11/13/2015 15:16:11	12.96	49.88	32.61	8.52	8.04	7.3	2.789	99.0	3.5	0.8
792	11/13/2015 15:31:11	12.98	49.85	32.59	8.67	8.04	7.1	2.661	100.7	3.8	0.9
793	11/13/2015 15:46:11	13.00	49.65	32.45	8.64	8.04	8.5	2.534	100.4	3.7	0.9
794	11/13/2015 16:01:11	13.03	49.82	32.57	8.62	8.05	6.8	2.422	100.3	3.4	0.8
795	11/13/2015 16:16:11	13.00	49.76	32.53	8.62	8.05	6.5	2.279	100.2	3.6	0.9
796	11/13/2015 16:31:11	12.98	49.87	32.60	8.61	8.05	7.0	2.147	100.1	4.2	1.0
797	11/13/2015 16:46:11	12.99	49.87	32.60	8.64	8.04	7.9	2.008	100.5	4.0	0.9
798	11/13/2015 17:01:11	13.00	49.73	32.50	8.59	8.04	8.5	1.886	99.8	4.0	0.9
799	11/13/2015 17:16:11	13.02	49.65	32.44	8.58	8.04	10.7	1.748	99.7	4.3	1.0
800	11/13/2015 17:31:11	13.02	49.71	32.49	8.57	8.04	10.2	1.614	99.7	4.4	1.0
801	11/13/2015 17:46:11	13.01	49.68	32.47	8.52	8.03	9.0	1.511	99.0	4.1	1.0
802	11/13/2015 18:01:11	13.03	49.56	32.38	8.52	8.03	9.0	1.420	98.9	4.1	1.0
803	11/13/2015 18:16:11	13.02	49.64	32.44	8.46	8.03	7.2	1.352	98.4	4.2	1.0
804	11/13/2015 18:31:11	13.01	49.61	32.41	8.46	8.03	7.4	1.265	98.2	4.0	0.9
805	11/13/2015 18:46:11	13.01	49.52	32.35	8.34	8.03	5.6	1.236	96.8	3.6	0.8
806	11/13/2015 19:01:11	12.98	49.56	32.38	8.43	8.03	6.4	1.265	97.9	4.1	1.0
807	11/13/2015 19:16:11	12.99	49.73	32.51	8.44	8.03	6.0	1.237	98.1	4.0	0.9
808	11/13/2015 19:31:11	12.99	49.52	32.35	8.47	8.02	5.6	1.315	98.4	4.1	1.0
809	11/13/2015 19:46:11	12.95	49.60	32.41	8.51	8.02	6.1	1.403	98.7	4.3	1.0
810	11/13/2015 20:01:11	12.93	49.56	32.38	8.54	8.02	6.5	1.478	99.0	3.6	0.8
811	11/13/2015 20:16:11	12.62	49.30	32.18	8.52	8.00	8.0	1.568	98.0	4.0	0.9
812	11/13/2015 20:31:11	12.54	49.23	32.12	8.53	7.99	8.6	1.647	98.0	4.2	1.0
813	11/13/2015 20:46:11	12.68	49.50	32.32	8.52	8.00	8.1	1.715	98.2	4.4	1.0

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
814	11/13/2015 21:01:11	12.77	49.35	32.22	8.50	8.01	7.2	1.794	98.2	3.6	0.8
815	11/13/2015 21:16:11	12.76	49.43	32.28	8.49	8.01	7.0	1.860	98.0	3.8	0.9
816	11/13/2015 21:31:11	12.73	49.65	32.43	8.47	8.01	6.3	1.978	97.8	4.0	0.9
817	11/13/2015 21:46:11	12.74	49.46	32.29	8.48	8.01	6.0	2.073	97.9	3.9	0.9
818	11/13/2015 22:01:11	12.82	49.66	32.44	8.48	8.01	6.3	2.157	98.1	3.9	0.9
819	11/13/2015 22:16:11	12.86	49.55	32.37	8.46	8.01	7.1	2.281	97.9	3.9	0.9
820	11/13/2015 22:31:11	12.92	49.66	32.45	8.46	8.02	7.0	2.367	98.1	3.7	0.9
821	11/13/2015 22:46:11	12.94	49.73	32.50	8.45	8.02	7.3	2.454	98.1	4.0	0.9
822	11/13/2015 23:01:11	12.93	49.72	32.49	8.43	8.02	8.5	2.551	97.9	4.2	1.0
823	11/13/2015 23:16:11	12.91	49.67	32.46	8.42	8.02	9.0	2.644	97.7	3.4	0.8
824	11/13/2015 23:31:11	12.90	49.69	32.47	8.40	8.02	9.6	2.713	97.4	3.3	0.8
825	11/13/2015 23:46:11	12.84	49.74	32.51	8.37	8.02	10.5	2.807	97.0	4.1	1.0
826	11/14/2015 00:01:11	12.81	49.74	32.50	8.35	8.02	12.5	2.863	96.7	4.0	0.9
827	11/14/2015 00:16:11	12.76	49.91	32.62	8.30	8.02	13.6	2.942	96.1	4.1	1.0
828	11/14/2015 00:31:11	12.68	50.06	32.73	8.24	8.01	12.4	3.054	95.3	4.1	1.0
829	11/14/2015 00:46:11	12.63	49.79	32.53	8.29	8.01	11.3	3.115	95.7	4.2	1.0
830	11/14/2015 01:01:11	12.57	49.83	32.56	8.32	8.01	10.3	3.182	95.9	4.5	1.1
831	11/14/2015 01:16:11	12.53	49.90	32.60	8.31	8.01	8.1	3.248	95.7	3.8	0.9
832	11/14/2015 01:31:11	12.48	49.95	32.64	8.22	8.01	4.9	3.272	94.6	3.9	0.9
833	11/14/2015 01:46:11	12.47	49.85	32.57	8.16	8.01	4.3	3.307	93.8	3.6	0.8
834	11/14/2015 02:01:11	12.50	50.14	32.78	8.09	8.00	4.9	3.306	93.2	3.3	0.8
835	11/14/2015 02:16:11	12.52	49.97	32.66	8.04	8.00	4.0	3.308	92.6	3.1	0.7
836	11/14/2015 02:31:11	12.53	50.13	32.77	8.07	8.00	5.9	3.249	93.1	3.5	0.8
837	11/14/2015 02:46:11	12.52	49.68	32.45	8.14	8.00	5.4	3.238	93.7	4.1	1.0
838	11/14/2015 03:01:11	12.57	50.04	32.71	8.13	8.00	5.5	3.186	93.8	4.0	0.9
839	11/14/2015 03:16:12	12.58	50.00	32.69	8.12	8.00	5.8	3.122	93.7	3.8	0.9
840	11/14/2015 03:31:12	12.40	50.13	32.77	8.18	8.00	5.5	3.070	94.1	3.6	0.8
841	11/14/2015 03:46:12	12.44	50.19	32.82	8.19	8.00	5.4	2.975	94.2	3.8	0.9
842	11/14/2015 04:01:11	12.49	49.98	32.66	8.15	8.00	5.0	2.923	93.8	3.4	0.8
843	11/14/2015 04:16:11	12.54	49.90	32.60	8.12	8.00	5.1	2.849	93.5	3.5	0.8
844	11/14/2015 04:31:11	12.57	49.91	32.61	8.10	8.00	5.6	2.792	93.3	3.5	0.8
845	11/14/2015 04:46:11	12.57	49.84	32.56	8.06	8.00	5.1	2.714	92.9	4.0	0.9
846	11/14/2015 05:01:11	12.53	49.68	32.45	8.04	7.99	4.5	2.667	92.5	3.1	0.7
847	11/14/2015 05:16:11	12.56	49.78	32.52	8.07	8.00	4.8	2.604	92.9	3.5	0.8
848	11/14/2015 05:31:11	12.53	49.75	32.50	8.07	7.99	5.4	2.547	92.9	3.6	0.8
849	11/14/2015 05:46:12	12.45	49.80	32.53	8.00	7.99	4.6	2.513	91.9	3.4	0.8
850	11/14/2015 06:01:11	12.33	49.98	32.65	7.98	7.98	5.1	2.465	91.6	3.4	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
851	11/14/2015 06:16:12	12.46	49.88	32.59	8.00	7.99	4.9	2.439	91.9	3.5	0.8
852	11/14/2015 06:31:11	12.48	49.54	32.34	7.99	7.99	4.2	2.429	91.8	3.8	0.9
853	11/14/2015 06:46:11	12.42	49.64	32.42	7.96	7.98	4.2	2.382	91.4	3.4	0.8
854	11/14/2015 07:01:11	12.38	49.87	32.58	7.94	7.98	4.1	2.384	91.2	4.1	1.0
855	11/14/2015 07:16:12	12.42	49.78	32.51	8.03	7.99	4.2	2.398	92.2	3.1	0.7
856	11/14/2015 07:31:12	12.48	49.86	32.58	8.04	7.99	4.0	2.398	92.5	3.0	0.7
857	11/14/2015 07:46:11	12.54	49.78	32.52	8.11	8.00	4.2	2.462	93.4	3.5	0.8
858	11/14/2015 08:01:11	12.55	49.67	32.44	8.16	8.00	4.4	2.496	93.9	3.6	0.9
859	11/14/2015 08:16:11	12.56	49.67	32.44	8.16	8.00	5.4	2.566	93.9	3.3	0.8
860	11/14/2015 08:31:11	12.52	49.70	32.46	8.14	8.00	5.9	2.640	93.6	3.6	0.9
861	11/14/2015 08:46:11	12.46	49.64	32.42	8.12	7.99	5.9	2.700	93.2	3.5	0.8
862	11/14/2015 09:01:11	12.45	49.91	32.61	8.10	7.99	4.9	2.778	93.1	3.1	0.7
863	11/14/2015 09:16:12	12.47	49.96	32.65	8.11	8.00	5.6	2.835	93.3	3.6	0.8
864	11/14/2015 09:31:11	12.49	50.09	32.74	8.17	8.00	4.8	2.959	94.1	3.2	0.8
865	11/14/2015 09:46:11	12.51	49.93	32.63	8.18	8.00	4.7	3.018	94.2	3.2	0.8
866	11/14/2015 10:01:11	12.50	49.87	32.58	8.18	8.00	5.4	3.120	94.1	3.3	0.8
867	11/14/2015 10:16:11	12.44	49.82	32.54	8.16	8.00	6.1	3.193	93.7	3.9	0.9
868	11/14/2015 10:31:11	12.42	50.18	32.80	8.12	8.00	5.1	3.259	93.4	3.6	0.8
869	11/14/2015 10:46:12	12.39	50.17	32.80	8.09	8.00	5.4	3.365	93.0	3.6	0.8
870	11/14/2015 11:01:12	12.35	50.22	32.83	8.03	7.99	5.1	3.406	92.2	3.6	0.8
871	11/14/2015 11:16:12	12.29	50.35	32.92	7.99	7.99	5.8	3.474	91.7	3.7	0.9
872	11/14/2015 11:31:12	12.22	50.25	32.85	7.93	7.99	4.9	3.570	90.9	3.5	0.8
873	11/14/2015 11:46:11	12.19	50.29	32.87	7.92	7.99	4.5	3.638	90.7	3.2	0.7
874	11/14/2015 12:01:12	12.20	50.24	32.84	7.90	7.99	4.1	3.685	90.5	3.5	0.8
875	11/14/2015 12:16:11	12.18	50.34	32.91	7.91	7.98	3.4	3.740	90.6	3.3	0.8
876	11/14/2015 12:31:12	12.25	50.30	32.89	7.86	7.98	2.9	3.750	90.2	3.2	0.7
877	11/14/2015 12:46:12	12.21	50.34	32.92	7.74	7.98	2.3	3.746	88.7	2.9	0.7
878	11/14/2015 13:01:11	12.26	50.25	32.85	7.83	7.98	3.0	3.737	89.9	3.1	0.7
879	11/14/2015 13:16:11	12.27	50.33	32.91	7.87	7.98	3.5	3.736	90.3	2.5	0.6
880	11/14/2015 13:31:11	12.26	50.23	32.84	7.87	7.98	3.8	3.684	90.2	2.8	0.7
881	11/14/2015 13:46:11	12.37	50.33	32.91	7.96	7.99	3.7	3.617	91.6	3.1	0.7
882	11/14/2015 14:01:11	12.72	49.91	32.62	8.20	8.01	3.8	3.539	94.8	3.6	0.9
883	11/14/2015 14:16:11	12.57	50.00	32.68	8.27	8.01	3.5	3.469	95.3	3.8	0.9
884	11/14/2015 14:31:11	12.60	50.11	32.77	8.18	8.01	3.4	3.384	94.5	3.4	0.8
885	11/14/2015 14:46:12	12.71	50.28	32.89	8.36	8.02	3.6	3.279	96.8	4.2	1.0
886	11/14/2015 15:01:11	12.66	50.08	32.74	8.34	8.02	4.5	3.166	96.4	3.8	0.9
887	11/14/2015 15:16:11	12.65	50.21	32.84	8.32	8.01	4.6	3.071	96.2	3.9	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
888	11/14/2015 15:31:11	12.69	49.87	32.59	8.40	8.02	4.9	2.960	97.1	3.5	0.8
889	11/14/2015 15:46:11	12.74	50.19	32.83	8.42	8.02	4.3	2.858	97.5	4.0	0.9
890	11/14/2015 16:01:11	12.85	49.95	32.66	8.48	8.03	4.9	2.745	98.4	3.8	0.9
891	11/14/2015 16:16:11	12.92	49.80	32.55	8.60	8.04	4.4	2.625	99.8	3.8	0.9
892	11/14/2015 16:31:11	12.87	49.86	32.59	8.51	8.03	5.7	2.503	98.7	3.6	0.9
893	11/14/2015 16:46:11	12.80	49.85	32.58	8.42	8.02	6.2	2.387	97.5	3.6	0.8
894	11/14/2015 17:01:11	12.77	49.91	32.62	8.36	8.02	6.3	2.266	96.8	4.1	1.0
895	11/14/2015 17:16:11	12.78	49.85	32.58	8.36	8.02	7.8	2.148	96.8	3.9	0.9
896	11/14/2015 17:31:11	12.77	49.93	32.64	8.36	8.02	8.4	2.008	96.7	3.9	0.9
897	11/14/2015 17:46:11	12.85	49.73	32.50	8.38	8.02	11.4	1.875	97.1	4.3	1.0
898	11/14/2015 18:01:11	12.86	49.74	32.50	8.35	8.02	11.0	1.769	96.8	4.6	1.1
899	11/14/2015 18:16:11	12.85	49.76	32.52	8.32	8.02	12.0	1.654	96.4	4.4	1.0
900	11/14/2015 18:31:11	12.88	49.77	32.53	8.34	8.02	12.4	1.540	96.8	4.3	1.0
901	11/14/2015 18:46:11	12.91	49.70	32.48	8.36	8.02	11.7	1.452	96.9	4.4	1.0
902	11/14/2015 19:01:11	12.91	49.68	32.46	8.35	8.02	11.5	1.350	96.8	4.2	1.0
903	11/14/2015 19:16:11	12.90	49.69	32.47	8.29	8.02	13.3	1.330	96.2	4.2	1.0
904	11/14/2015 19:31:11	12.92	49.64	32.44	8.32	8.02	9.5	1.297	96.5	4.0	0.9
905	11/14/2015 19:46:11	12.91	49.61	32.41	8.28	8.02	6.4	1.279	96.0	4.2	1.0
906	11/14/2015 20:01:11	12.89	49.62	32.42	8.36	8.02	9.2	1.311	96.8	4.2	1.0
907	11/14/2015 20:16:11	12.88	49.60	32.40	8.36	8.02	8.3	1.364	96.9	3.7	0.9
908	11/14/2015 20:31:11	12.85	49.56	32.37	8.44	8.02	7.6	1.410	97.7	4.0	0.9
909	11/14/2015 20:46:11	12.85	49.47	32.31	8.45	8.02	8.9	1.515	97.8	3.9	0.9
910	11/14/2015 21:01:11	12.65	49.48	32.30	8.41	7.98	11.9	1.591	96.9	3.9	0.9
911	11/14/2015 21:16:11	12.70	49.31	32.18	8.43	7.99	8.7	1.682	97.2	4.3	1.0
912	11/14/2015 21:31:12	12.72	49.52	32.34	8.39	8.00	8.9	1.774	96.8	3.9	0.9
913	11/14/2015 21:46:11	12.73	49.66	32.44	8.38	8.00	8.2	1.855	96.8	3.7	0.9
914	11/14/2015 22:01:11	12.73	49.39	32.25	8.39	8.00	7.6	1.938	96.8	4.2	1.0
915	11/14/2015 22:16:11	12.76	49.61	32.41	8.38	8.00	7.3	2.035	96.9	3.5	0.8
916	11/14/2015 22:31:11	12.84	49.58	32.38	8.41	8.01	6.8	2.132	97.3	4.0	0.9
917	11/14/2015 22:46:11	12.86	49.70	32.47	8.41	8.02	6.9	2.212	97.5	3.5	0.8
918	11/14/2015 23:01:11	12.88	49.72	32.49	8.42	8.02	7.0	2.311	97.6	3.9	0.9
919	11/14/2015 23:16:11	12.89	49.66	32.45	8.42	8.02	8.4	2.389	97.5	4.0	0.9
920	11/14/2015 23:31:11	12.86	49.70	32.47	8.38	8.02	8.5	2.484	97.1	3.9	0.9
921	11/14/2015 23:46:11	12.83	49.80	32.55	8.35	8.01	9.4	2.576	96.7	4.0	0.9
922	11/15/2015 00:01:11	12.77	49.94	32.65	8.32	8.01	10.6	2.675	96.3	4.3	1.0
923	11/15/2015 00:16:11	12.70	50.07	32.73	8.29	8.01	11.5	2.768	95.8	3.9	0.9
924	11/15/2015 00:31:11	12.67	49.83	32.56	8.30	8.00	10.5	2.843	95.8	4.4	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	Fluorescence %FS
925	11/15/2015 00:46:12	12.59	50.14	32.78	8.32	8.00	10.1	2.940	96.0	4.1	1.0
926	11/15/2015 01:01:11	12.52	49.92	32.62	8.31	8.00	11.0	3.027	95.7	4.3	1.0
927	11/15/2015 01:16:12	12.49	50.04	32.70	8.30	8.00	10.3	3.086	95.5	4.0	0.9
928	11/15/2015 01:31:11	12.44	50.04	32.71	8.33	8.00	8.7	3.183	95.9	4.0	0.9
929	11/15/2015 01:46:11	12.43	50.10	32.75	8.31	8.00	7.9	3.274	95.5	4.4	1.0
930	11/15/2015 02:01:11	12.40	50.23	32.84	8.28	8.00	6.9	3.319	95.2	3.8	0.9
931	11/15/2015 02:16:11	12.36	50.15	32.78	8.24	8.00	5.2	3.342	94.7	3.7	0.9
932	11/15/2015 02:31:12	12.42	50.13	32.77	8.11	7.99	5.4	3.394	93.2	4.1	1.0
933	11/15/2015 02:46:11	12.45	50.11	32.76	8.11	7.99	5.1	3.396	93.4	3.0	0.7
934	11/15/2015 03:01:11	12.39	50.16	32.79	8.11	7.99	5.4	3.384	93.2	3.5	0.8
935	11/15/2015 03:16:11	12.46	50.04	32.71	8.14	7.99	5.9	3.350	93.7	3.2	0.8
936	11/15/2015 03:31:12	12.42	50.26	32.87	8.17	7.99	5.4	3.305	94.1	3.7	0.9
937	11/15/2015 03:46:12	12.43	50.04	32.71	8.15	7.99	5.6	3.272	93.7	3.2	0.8
938	11/15/2015 04:01:12	12.40	50.04	32.71	8.20	7.99	25.4	3.196	94.2	5.0	1.2
939	11/15/2015 04:16:12	12.32	49.89	32.59	8.17	7.99	85.6	3.130	93.6	10.3	2.4
940	11/15/2015 04:31:11	12.26	49.99	32.66	8.20	7.99	111.3	3.066	93.9	11.7	2.8
941	11/15/2015 04:46:11	12.31	50.03	32.69	8.22	8.00	95.2	3.001	94.3	12.3	2.9
942	11/15/2015 05:01:12	12.35	49.97	32.65	8.21	8.00	88.7	2.946	94.2	9.2	2.2
943	11/15/2015 05:16:11	12.32	50.02	32.69	8.21	8.00	80.1	2.876	94.2	9.5	2.2
944	11/15/2015 05:31:11	12.33	49.52	32.33	8.16	7.99	107.0	2.822	93.4	8.7	2.1
945	11/15/2015 05:46:11	12.33	49.67	32.43	8.09	7.99	78.0	2.774	92.7	7.5	1.8
946	11/15/2015 06:01:11	12.30	49.67	32.43	8.08	7.99	78.9	2.678	92.5	7.7	1.8
947	11/15/2015 06:16:12	12.27	49.63	32.40	8.02	7.98	90.0	2.654	91.7	8.5	2.0
948	11/15/2015 06:31:12	12.30	49.48	32.29	7.93	7.97	86.2	2.626	90.7	8.5	2.0
949	11/15/2015 06:46:11	12.33	49.57	32.36	8.00	7.98	69.8	2.573	91.6	7.2	1.7
950	11/15/2015 07:01:11	12.23	49.48	32.29	8.01	7.98	79.2	2.554	91.5	7.8	1.8
951	11/15/2015 07:16:11	12.16	49.50	32.30	7.99	7.98	65.8	2.515	91.1	7.1	1.7
952	11/15/2015 07:31:11	12.27	49.21	32.10	7.94	7.99	36.6	2.501	90.7	5.9	1.4
953	11/15/2015 07:46:11	12.25	49.32	32.17	7.95	7.99	30.8	2.501	90.8	5.7	1.3
954	11/15/2015 08:01:11	12.24	49.23	32.11	8.01	7.99	29.2	2.500	91.4	6.0	1.4
955	11/15/2015 08:16:11	12.26	49.18	32.07	8.05	7.99	35.2	2.522	91.9	5.9	1.4
956	11/15/2015 08:31:11	12.29	49.26	32.13	8.05	7.98	34.6	2.539	91.9	5.7	1.3
957	11/15/2015 08:46:12	12.37	49.43	32.26	8.06	7.99	31.4	2.568	92.3	6.1	1.4
958	11/15/2015 09:01:12	12.41	49.37	32.22	8.02	7.98	41.6	2.618	91.8	5.5	1.3
959	11/15/2015 09:16:11	12.43	49.17	32.07	8.06	7.98	41.6	2.668	92.3	6.2	1.4
960	11/15/2015 09:31:11	12.43	49.43	32.26	8.06	7.98	62.4	2.723	92.4	7.4	1.8
961	11/15/2015 09:46:11	12.38	48.98	31.93	8.10	7.98	75.7	2.805	92.6	7.6	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	Fluorescence %FS
962	11/15/2015 10:01:11	12.34	49.28	32.15	8.10	7.98	59.1	2.871	92.6	6.3	1.5
963	11/15/2015 10:16:11	12.32	49.39	32.23	8.12	7.98	36.0	2.961	92.9	5.4	1.3
964	11/15/2015 10:31:12	12.34	49.67	32.43	8.12	7.99	60.8	3.050	93.0	6.5	1.5
965	11/15/2015 10:46:12	12.39	49.73	32.48	8.13	7.99	48.3	3.147	93.3	5.5	1.3
966	11/15/2015 11:01:12	12.41	49.71	32.46	8.13	7.99	34.9	3.218	93.3	4.8	1.1
967	11/15/2015 11:16:12	12.41	49.83	32.55	8.15	8.00	27.1	3.289	93.6	4.9	1.1
968	11/15/2015 11:31:12	12.36	49.81	32.53	8.15	8.00	26.1	3.347	93.5	4.5	1.1
969	11/15/2015 11:46:12	12.34	49.94	32.63	8.12	8.00	19.6	3.420	93.1	4.7	1.1
970	11/15/2015 12:01:11	12.31	49.78	32.51	8.13	8.00	14.6	3.484	93.2	4.2	1.0
971	11/15/2015 12:16:11	12.30	49.66	32.43	8.14	8.00	10.7	3.553	93.2	3.6	0.8
972	11/15/2015 12:31:12	12.30	49.91	32.61	8.10	8.00	6.7	3.587	92.9	3.8	0.9
973	11/15/2015 12:46:12	12.30	49.64	32.41	8.06	7.99	5.9	3.635	92.3	3.6	0.8
974	11/15/2015 13:01:12	12.32	49.76	32.50	8.04	7.99	8.2	3.674	92.1	3.8	0.9
975	11/15/2015 13:16:11	12.31	49.53	32.33	7.95	7.99	7.0	3.663	91.0	3.8	0.9
976	11/15/2015 13:31:12	12.28	49.96	32.64	7.87	7.98	6.4	3.661	90.1	3.2	0.8
977	11/15/2015 13:46:12	12.44	49.69	32.45	7.95	7.99	20.4	3.637	91.3	4.8	1.1
978	11/15/2015 14:01:11	12.38	49.85	32.56	8.07	7.99	24.8	3.619	92.6	4.8	1.1
979	11/15/2015 14:16:11	12.40	49.77	32.51	8.12	7.99	22.7	3.539	93.2	4.9	1.1
980	11/15/2015 14:31:11	12.38	49.81	32.53	8.17	8.00	17.2	3.491	93.8	4.2	1.0
981	11/15/2015 14:46:11	12.31	49.58	32.36	8.20	8.00	18.4	3.397	93.8	4.8	1.1
982	11/15/2015 15:01:12	12.35	49.95	32.64	8.18	8.00	21.1	3.324	93.8	4.1	1.0
983	11/15/2015 15:16:12	12.44	49.63	32.41	8.16	8.00	18.9	3.252	93.7	4.0	0.9
984	11/15/2015 15:31:11	12.43	49.29	32.16	8.10	7.99	20.8	3.170	92.8	4.6	1.1
985	11/15/2015 15:46:11	12.43	49.49	32.30	8.05	7.99	34.9	3.059	92.4	6.1	1.4
986	11/15/2015 16:01:12	12.42	49.56	32.36	8.06	7.99	33.0	2.955	92.5	5.1	1.2
987	11/15/2015 16:16:12	12.43	49.53	32.33	8.00	7.98	29.1	2.873	91.8	5.7	1.3
988	11/15/2015 16:31:11	12.44	49.52	32.33	7.98	7.98	24.2	2.770	91.5	4.8	1.1
989	11/15/2015 16:46:12	12.43	49.57	32.37	8.01	7.98	30.2	2.662	91.9	5.5	1.3
990	11/15/2015 17:01:11	12.42	49.47	32.29	8.02	7.99	21.7	2.548	91.9	4.7	1.1
991	11/15/2015 17:16:11	12.36	49.26	32.13	8.05	7.99	22.9	2.442	92.1	5.4	1.3
992	11/15/2015 17:31:11	12.28	49.65	32.41	8.04	7.99	27.1	2.309	92.0	5.3	1.3
993	11/15/2015 17:46:11	12.26	49.34	32.19	8.03	7.98	40.3	2.187	91.8	5.9	1.4
994	11/15/2015 18:01:11	12.17	49.29	32.15	8.00	7.98	39.1	2.062	91.2	6.0	1.4
995	11/15/2015 18:16:11	12.16	49.22	32.10	8.01	7.98	40.1	1.933	91.2	5.6	1.3
996	11/15/2015 18:31:11	12.21	49.10	32.01	7.96	7.98	44.9	1.801	90.8	5.9	1.4
997	11/15/2015 18:46:12	12.18	49.26	32.12	7.93	7.97	42.6	1.697	90.4	5.8	1.4
998	11/15/2015 19:01:12	12.20	49.29	32.15	7.89	7.97	39.3	1.590	90.0	5.5	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	Fluorescence %FS
999	11/15/2015 19:16:12	12.20	49.30	32.16	7.88	7.98	31.4	1.471	89.8	4.9	1.2
1000	11/15/2015 19:31:11	12.16	49.26	32.13	7.85	7.97	22.8	1.405	89.4	5.4	1.3
1001	11/15/2015 19:46:12	12.17	49.20	32.08	7.86	7.97	22.2	1.361	89.5	5.1	1.2
1002	11/15/2015 20:01:12	12.16	49.21	32.09	7.85	7.97	18.7	1.307	89.4	5.1	1.2
1003	11/15/2015 20:16:12	12.15	49.14	32.04	7.69	7.96	16.0	1.298	87.6	5.0	1.2
1004	11/15/2015 20:31:11	12.08	49.18	32.06	7.89	7.97	20.0	1.351	89.7	4.8	1.1
1005	11/15/2015 20:46:11	12.12	49.18	32.06	7.89	7.97	17.1	1.349	89.8	4.9	1.2
1006	11/15/2015 21:01:11	12.11	49.09	32.00	7.89	7.97	17.2	1.397	89.7	4.7	1.1
1007	11/15/2015 21:16:11	12.08	48.95	31.90	7.92	7.97	19.0	1.457	89.9	4.5	1.1
1008	11/15/2015 21:31:11	12.07	48.99	31.92	7.94	7.97	19.9	1.527	90.2	4.6	1.1
1009	11/15/2015 21:46:11	12.00	48.71	31.72	7.94	7.96	21.4	1.636	89.9	5.0	1.2
1010	11/15/2015 22:01:11	11.98	48.55	31.60	7.95	7.96	20.9	1.719	89.9	4.6	1.1
1011	11/15/2015 22:16:12	11.95	48.64	31.67	7.95	7.95	21.3	1.786	89.9	4.6	1.1
1012	11/15/2015 22:31:12	11.97	48.58	31.63	7.94	7.95	20.3	1.873	89.9	5.0	1.2
1013	11/15/2015 22:46:11	11.95	48.59	31.63	7.97	7.95	21.1	1.972	90.1	5.0	1.2
1014	11/15/2015 23:01:11	11.93	48.59	31.63	8.01	7.95	22.3	2.054	90.5	5.2	1.2
1015	11/15/2015 23:16:11	12.01	48.75	31.75	7.98	7.96	19.8	2.142	90.4	4.7	1.1
1016	11/15/2015 23:31:11	12.24	49.14	32.04	8.05	7.98	24.4	2.232	91.8	4.8	1.1
1017	11/15/2015 23:46:11	12.27	49.05	31.98	8.06	7.98	22.8	2.332	92.0	4.5	1.1
1018	11/16/2015 00:01:12	12.27	49.14	32.04	8.06	7.99	21.6	2.420	92.0	4.8	1.1
1019	11/16/2015 00:16:11	12.26	49.14	32.04	8.07	7.99	21.8	2.518	92.1	4.2	1.0
1020	11/16/2015 00:31:11	12.24	49.13	32.03	8.07	7.98	16.7	2.594	92.1	4.8	1.1
1021	11/16/2015 00:46:11	12.25	49.10	32.01	8.07	7.98	20.3	2.683	92.1	5.1	1.2
1022	11/16/2015 01:01:11	12.24	49.12	32.03	8.07	7.98	19.5	2.762	92.1	4.8	1.1
1023	11/16/2015 01:16:11	12.22	49.16	32.06	8.07	7.98	20.8	2.830	92.0	4.5	1.1
1024	11/16/2015 01:31:11	12.17	49.10	32.01	8.10	7.98	33.4	2.917	92.2	5.2	1.2
1025	11/16/2015 01:46:11	12.14	49.29	32.15	8.11	7.98	26.1	2.964	92.4	5.1	1.2
1026	11/16/2015 02:01:11	12.14	49.32	32.17	8.12	7.98	22.1	3.029	92.6	4.1	1.0
1027	11/16/2015 02:16:11	12.08	49.49	32.29	8.21	7.98	21.8	3.107	93.5	4.8	1.1
1028	11/16/2015 02:31:11	12.06	49.44	32.25	8.26	7.98	18.1	3.149	94.0	4.8	1.1
1029	11/16/2015 02:46:12	12.03	49.39	32.21	8.27	7.98	13.3	3.206	94.0	4.3	1.0
1030	11/16/2015 03:01:12	11.98	49.62	32.38	8.29	7.98	10.3	3.249	94.3	4.0	0.9
1031	11/16/2015 03:16:12	11.99	49.67	32.42	8.25	7.98	9.1	3.251	93.9	4.2	1.0
1032	11/16/2015 03:31:12	11.92	49.51	32.29	7.98	7.97	7.0	3.247	90.6	3.9	0.9
1033	11/16/2015 03:46:11	11.97	49.63	32.38	8.07	7.97	7.7	3.260	91.7	3.7	0.9
1034	11/16/2015 04:01:11	11.97	49.60	32.36	8.04	7.97	7.3	3.240	91.4	3.8	0.9
1035	11/16/2015 04:16:11	11.96	49.33	32.17	8.15	7.98	9.8	3.196	92.5	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	Fluorescence %FS
1036	11/16/2015 04:31:12	11.87	49.36	32.18	8.03	7.97	15.5	3.134	91.0	3.8	0.9
1037	11/16/2015 04:46:11	11.85	49.31	32.15	7.97	7.97	12.8	3.084	90.2	3.7	0.9
1038	11/16/2015 05:01:11	11.83	49.36	32.18	8.01	7.97	14.6	3.032	90.7	4.4	1.0
1039	11/16/2015 05:16:11	11.82	49.47	32.26	8.05	7.98	9.9	2.955	91.2	4.0	0.9
1040	11/16/2015 05:31:11	11.77	49.28	32.12	7.97	7.97	10.3	2.893	90.0	4.2	1.0
1041	11/16/2015 05:46:12	11.72	49.54	32.31	7.94	7.97	8.7	2.845	89.8	4.1	1.0
1042	11/16/2015 06:01:12	11.67	49.39	32.20	7.90	7.97	9.4	2.787	89.1	3.8	0.9
1043	11/16/2015 06:16:11	11.60	49.27	32.10	7.83	7.96	10.9	2.705	88.1	3.4	0.8
1044	11/16/2015 06:31:12	11.48	49.40	32.19	7.84	7.96	9.0	2.663	88.1	3.8	0.9
1045	11/16/2015 06:46:12	11.45	49.37	32.17	7.82	7.96	9.8	2.616	87.8	3.9	0.9
1046	11/16/2015 07:01:12	11.49	49.30	32.12	7.78	7.96	10.1	2.562	87.4	3.7	0.9
1047	11/16/2015 07:16:12	11.40	49.32	32.13	7.77	7.96	8.8	2.543	87.1	3.7	0.9
1048	11/16/2015 07:31:11	11.37	49.16	32.02	7.80	7.96	8.5	2.501	87.4	3.1	0.7
1049	11/16/2015 07:46:12	11.31	49.21	32.05	7.82	7.96	9.0	2.473	87.4	3.6	0.8
1050	11/16/2015 08:01:11	11.19	49.26	32.08	7.85	7.95	8.9	2.481	87.5	3.5	0.8
1051	11/16/2015 08:16:12	11.21	49.13	31.98	7.72	7.95	7.0	2.468	86.2	3.2	0.8
1052	11/16/2015 08:31:12	11.19	49.15	32.00	7.60	7.94	8.0	2.454	84.8	3.5	0.8
1053	11/16/2015 08:46:11	11.24	48.97	31.87	7.86	7.95	8.5	2.485	87.6	3.8	0.9
1054	11/16/2015 09:01:12	11.24	49.19	32.03	7.84	7.95	8.6	2.486	87.6	3.3	0.8
1055	11/16/2015 09:16:11	11.41	48.93	31.85	7.88	7.96	8.5	2.522	88.2	3.9	0.9
1056	11/16/2015 09:31:11	11.48	49.07	31.96	7.92	7.96	8.7	2.567	88.9	4.1	1.0
1057	11/16/2015 09:46:11	11.64	49.30	32.13	7.95	7.97	9.0	2.619	89.6	4.1	1.0
1058	11/16/2015 10:01:11	11.47	49.13	32.00	7.95	7.96	9.1	2.667	89.2	3.4	0.8
1059	11/16/2015 10:16:12	11.62	49.33	32.15	7.94	7.96	10.6	2.729	89.5	3.6	0.8
1060	11/16/2015 10:31:12	11.66	49.13	32.01	7.96	7.97	9.9	2.793	89.7	3.6	0.8
1061	11/16/2015 10:46:12	11.71	49.29	32.12	7.95	7.97	10.5	2.862	89.7	3.3	0.8
1062	11/16/2015 11:01:12	11.79	49.38	32.19	8.05	7.97	11.4	2.917	91.1	3.4	0.8
1063	11/16/2015 11:16:11	11.85	49.56	32.33	8.14	7.98	10.5	2.985	92.3	3.5	0.8
1064	11/16/2015 11:31:11	11.92	49.51	32.30	8.22	7.98	8.5	3.059	93.3	3.6	0.8
1065	11/16/2015 11:46:11	11.94	49.45	32.26	8.24	7.98	9.2	3.122	93.5	3.8	0.9
1066	11/16/2015 12:01:11	11.95	49.53	32.31	8.28	7.98	8.9	3.185	94.0	3.6	0.8
1067	11/16/2015 12:16:11	11.97	49.61	32.37	8.36	7.99	9.0	3.257	95.0	3.8	0.9
1068	11/16/2015 12:31:11	11.98	49.67	32.42	8.45	7.99	9.0	3.317	96.1	3.7	0.9
1069	11/16/2015 12:46:11	11.99	49.70	32.44	8.47	7.99	9.0	3.359	96.3	3.5	0.8
1070	11/16/2015 13:01:11	12.00	49.70	32.44	8.54	8.00	7.1	3.428	97.2	3.6	0.8
1071	11/16/2015 13:16:11	12.00	49.57	32.34	8.57	8.00	6.4	3.470	97.5	3.5	0.8
1072	11/16/2015 13:31:11	12.00	49.89	32.58	8.58	8.00	5.6	3.506	97.7	3.7	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1073	11/16/2015 13:46:12	12.00	49.97	32.63	8.58	8.00	5.0	3.541	97.7	4.0	1.0
1074	11/16/2015 14:01:11	11.99	49.83	32.53	8.54	8.00	4.2	3.571	97.2	3.9	0.9
1075	11/16/2015 14:16:12	12.02	49.86	32.55	8.51	8.00	4.9	3.565	96.9	3.5	0.8
1076	11/16/2015 14:31:12	12.00	49.99	32.65	8.33	7.99	4.8	3.555	94.9	3.0	0.7
1077	11/16/2015 14:46:11	12.00	49.60	32.37	8.41	7.99	8.6	3.515	95.6	3.2	0.8
1078	11/16/2015 15:01:11	12.01	49.77	32.49	8.47	7.99	6.5	3.483	96.5	3.3	0.8
1079	11/16/2015 15:16:11	12.02	49.51	32.30	8.43	7.99	7.7	3.416	95.9	3.0	0.7
1080	11/16/2015 15:31:12	12.09	49.61	32.38	8.34	7.99	8.0	3.340	95.0	3.5	0.8
1081	11/16/2015 15:46:12	12.06	49.63	32.39	8.45	8.00	10.0	3.265	96.2	3.6	0.8
1082	11/16/2015 16:01:12	12.06	49.58	32.35	8.42	7.99	7.1	3.174	95.8	3.7	0.9
1083	11/16/2015 16:16:12	12.08	49.36	32.19	8.35	7.99	7.9	3.079	95.0	3.7	0.9
1084	11/16/2015 16:31:11	12.05	49.24	32.10	8.35	7.99	7.2	2.990	94.9	3.9	0.9
1085	11/16/2015 16:46:12	11.99	49.53	32.32	8.34	7.99	8.7	2.895	94.8	4.1	1.0
1086	11/16/2015 17:01:12	11.95	49.32	32.16	8.32	7.99	7.4	2.792	94.3	3.2	0.8
1087	11/16/2015 17:16:11	11.93	49.25	32.11	8.28	7.99	8.8	2.700	93.9	4.2	1.0
1088	11/16/2015 17:31:11	11.92	49.17	32.05	8.37	8.00	7.5	2.612	94.9	3.6	0.8
1089	11/16/2015 17:46:11	11.92	49.19	32.06	8.28	7.99	13.7	2.480	93.8	4.3	1.0
1090	11/16/2015 18:01:11	11.90	49.20	32.07	8.24	7.99	12.9	2.388	93.3	3.9	0.9
1091	11/16/2015 18:16:11	11.87	49.19	32.06	8.18	7.98	16.6	2.279	92.6	4.0	1.0
1092	11/16/2015 18:31:11	11.84	49.23	32.09	8.14	7.98	15.2	2.148	92.1	4.4	1.0
1093	11/16/2015 18:46:11	11.81	49.11	32.00	8.11	7.97	16.2	2.029	91.6	4.3	1.0
1094	11/16/2015 19:01:11	11.80	49.35	32.18	8.07	7.97	13.9	1.906	91.2	4.5	1.1
1095	11/16/2015 19:16:12	11.78	49.18	32.05	8.04	7.97	13.9	1.792	90.8	4.6	1.1
1096	11/16/2015 19:31:12	11.78	49.08	31.98	8.03	7.97	12.8	1.685	90.6	4.4	1.0
1097	11/16/2015 19:46:11	11.75	48.99	31.91	8.02	7.97	11.8	1.596	90.5	4.3	1.0
1098	11/16/2015 20:01:12	11.73	49.24	32.09	7.99	7.97	12.3	1.500	90.2	4.3	1.0
1099	11/16/2015 20:16:12	11.72	49.20	32.06	7.97	7.97	11.2	1.434	90.0	4.6	1.1
1100	11/16/2015 20:31:12	11.69	49.19	32.05	7.95	7.97	9.7	1.394	89.6	4.3	1.0
1101	11/16/2015 20:46:11	11.69	49.03	31.94	7.84	7.96	6.7	1.373	88.4	4.2	1.0
1102	11/16/2015 21:01:12	11.69	48.98	31.90	7.92	7.96	8.8	1.354	89.2	4.5	1.1
1103	11/16/2015 21:16:12	11.66	49.18	32.05	7.97	7.96	7.5	1.360	89.8	4.1	1.0
1104	11/16/2015 21:31:12	11.62	49.12	32.00	8.02	7.97	7.8	1.430	90.3	3.7	0.9
1105	11/16/2015 21:46:11	11.55	48.82	31.77	8.08	7.97	8.3	1.504	90.7	3.5	0.8
1106	11/16/2015 22:01:11	11.43	48.66	31.65	8.19	7.97	8.4	1.538	91.6	4.0	0.9
1107	11/16/2015 22:16:11	11.42	48.71	31.69	8.18	7.96	8.5	1.628	91.5	3.5	0.8
1108	11/16/2015 22:31:11	11.47	48.80	31.76	8.14	7.96	8.6	1.708	91.2	3.7	0.9
1109	11/16/2015 22:46:11	11.48	48.68	31.67	8.12	7.96	8.9	1.755	90.9	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	Fluorescence %FS
1110	11/16/2015 23:01:12	11.51	48.73	31.71	8.07	7.96	8.1	1.824	90.4	4.1	1.0
1111	11/16/2015 23:16:12	11.55	48.74	31.72	8.06	7.96	7.8	1.920	90.4	3.3	0.8
1112	11/16/2015 23:31:12	11.55	48.78	31.75	8.07	7.96	8.0	1.995	90.5	3.8	0.9
1113	11/16/2015 23:46:12	11.54	48.72	31.71	8.09	7.96	8.1	2.073	90.7	3.5	0.8
1114	11/17/2015 00:01:12	11.60	48.75	31.73	8.10	7.96	8.9	2.167	90.9	3.7	0.9
1115	11/17/2015 00:16:11	11.71	48.80	31.77	8.09	7.97	9.5	2.235	91.1	3.9	0.9
1116	11/17/2015 00:31:11	11.79	49.02	31.94	8.08	7.97	9.0	2.334	91.2	4.0	0.9
1117	11/17/2015 00:46:12	11.83	48.86	31.82	8.09	7.97	9.2	2.423	91.4	3.4	0.8
1118	11/17/2015 01:01:12	11.85	49.15	32.03	8.08	7.98	9.3	2.503	91.4	4.1	1.0
1119	11/17/2015 01:16:11	11.86	49.06	31.97	8.09	7.97	9.8	2.588	91.5	3.7	0.9
1120	11/17/2015 01:31:11	11.87	49.21	32.08	8.11	7.97	10.3	2.677	91.8	4.0	0.9
1121	11/17/2015 01:46:11	11.88	49.16	32.04	8.13	7.97	10.9	2.745	92.0	3.8	0.9
1122	11/17/2015 02:01:11	11.90	49.18	32.06	8.15	7.98	12.6	2.830	92.3	4.3	1.0
1123	11/17/2015 02:16:11	11.91	49.23	32.10	8.18	7.98	13.4	2.906	92.7	4.1	1.0
1124	11/17/2015 02:31:11	11.91	49.27	32.12	8.23	7.98	13.9	2.969	93.3	3.8	0.9
1125	11/17/2015 02:46:11	11.92	49.41	32.22	8.27	7.98	15.4	3.037	93.8	3.5	0.8
1126	11/17/2015 03:01:11	11.91	49.51	32.29	8.35	7.98	14.1	3.092	94.8	4.1	1.0
1127	11/17/2015 03:16:12	11.90	49.54	32.32	8.42	7.99	11.7	3.156	95.6	3.9	0.9
1128	11/17/2015 03:31:11	11.89	49.63	32.38	8.45	7.99	9.8	3.204	95.9	3.8	0.9
1129	11/17/2015 03:46:11	11.88	49.56	32.33	8.43	7.99	6.8	3.234	95.6	4.0	0.9
1130	11/17/2015 04:01:11	11.87	49.59	32.35	8.37	7.99	5.8	3.267	94.9	3.4	0.8
1131	11/17/2015 04:16:11	11.87	49.58	32.35	8.31	7.98	4.8	3.286	94.2	3.3	0.8
1132	11/17/2015 04:31:11	11.87	49.54	32.31	8.23	7.98	6.8	3.281	93.4	3.6	0.8
1133	11/17/2015 04:46:12	11.87	49.55	32.32	8.26	7.98	8.9	3.252	93.7	3.4	0.8
1134	11/17/2015 05:01:11	11.87	49.47	32.26	8.28	7.98	7.2	3.215	93.8	3.3	0.8
1135	11/17/2015 05:16:11	11.87	49.41	32.22	8.17	7.97	6.7	3.186	92.5	3.6	0.8
1136	11/17/2015 05:31:11	11.84	49.15	32.03	8.03	7.96	8.1	3.108	90.8	3.8	0.9
1137	11/17/2015 05:46:12	11.88	49.36	32.18	8.11	7.97	9.3	3.052	91.9	4.1	1.0
1138	11/17/2015 06:01:11	11.88	49.34	32.17	8.23	7.97	9.3	2.999	93.2	4.0	0.9
1139	11/17/2015 06:16:11	11.87	49.38	32.20	8.15	7.97	6.9	2.920	92.3	3.6	0.8
1140	11/17/2015 06:31:11	11.83	49.21	32.08	8.01	7.96	7.7	2.880	90.5	3.5	0.8
1141	11/17/2015 06:46:11	11.81	49.18	32.05	7.94	7.96	7.4	2.809	89.7	3.7	0.9
1142	11/17/2015 07:01:11	11.79	49.05	31.96	7.92	7.95	8.5	2.738	89.4	3.4	0.8
1143	11/17/2015 07:16:12	11.77	49.29	32.13	7.83	7.95	7.8	2.695	88.5	3.4	0.8
1144	11/17/2015 07:31:12	11.76	49.15	32.03	7.78	7.94	7.0	2.653	87.8	3.2	0.8
1145	11/17/2015 07:46:12	11.75	49.07	31.97	7.74	7.94	6.8	2.606	87.4	3.4	0.8
1146	11/17/2015 08:01:12	11.73	49.06	31.96	7.69	7.94	5.8	2.567	86.7	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	Fluorescence %FS
1147	11/17/2015 08:16:12	11.73	49.03	31.94	7.71	7.94	5.6	2.516	86.9	2.8	0.7
1148	11/17/2015 08:31:11	11.74	49.04	31.95	7.75	7.94	5.3	2.492	87.4	3.2	0.8
1149	11/17/2015 08:46:12	11.72	48.97	31.90	7.63	7.94	4.4	2.478	86.0	3.2	0.8
1150	11/17/2015 09:01:11	11.72	49.04	31.94	7.63	7.93	3.6	2.456	86.0	3.0	0.7
1151	11/17/2015 09:16:11	11.71	48.97	31.89	7.51	7.93	4.0	2.451	84.6	3.2	0.7
1152	11/17/2015 09:31:11	11.72	49.03	31.94	7.75	7.94	5.0	2.457	87.3	2.8	0.7
1153	11/17/2015 09:46:11	11.71	49.00	31.92	7.77	7.94	5.4	2.474	87.6	3.1	0.7
1154	11/17/2015 10:01:11	11.73	48.99	31.91	7.81	7.94	5.7	2.513	88.0	3.9	0.9
1155	11/17/2015 10:16:12	11.76	49.02	31.93	7.87	7.95	5.9	2.551	88.8	2.8	0.7
1156	11/17/2015 10:31:11	11.82	49.03	31.94	7.89	7.95	5.6	2.578	89.1	3.4	0.8
1157	11/17/2015 10:46:11	11.82	48.87	31.82	7.98	7.95	6.2	2.621	90.1	3.7	0.9
1158	11/17/2015 11:01:12	11.83	48.77	31.75	7.95	7.95	6.0	2.679	89.7	3.4	0.8
1159	11/17/2015 11:16:11	11.82	48.92	31.86	7.96	7.95	5.9	2.730	89.9	3.2	0.8
1160	11/17/2015 11:31:12	11.85	49.07	31.97	7.98	7.96	5.6	2.788	90.2	3.1	0.7
1161	11/17/2015 11:46:12	11.88	49.15	32.03	8.02	7.96	6.2	2.841	90.7	3.0	0.7
1162	11/17/2015 12:01:12	11.90	49.24	32.10	8.10	7.97	5.9	2.880	91.7	3.6	0.8
1163	11/17/2015 12:16:11	11.92	49.34	32.17	8.19	7.97	5.1	2.941	92.8	3.3	0.8
1164	11/17/2015 12:31:11	11.95	49.27	32.12	8.26	7.98	5.4	2.996	93.7	3.1	0.7
1165	11/17/2015 12:46:12	11.96	49.39	32.21	8.27	7.98	4.7	3.074	93.8	3.3	0.8
1166	11/17/2015 13:01:11	11.97	49.28	32.13	8.29	7.98	4.5	3.111	94.1	3.4	0.8
1167	11/17/2015 13:16:11	11.99	49.46	32.26	8.34	7.98	4.4	3.159	94.8	3.4	0.8
1168	11/17/2015 13:31:11	11.99	49.46	32.26	8.39	7.98	5.6	3.224	95.3	2.9	0.7
1169	11/17/2015 13:46:11	11.99	49.58	32.35	8.39	7.98	4.9	3.266	95.4	3.5	0.8
1170	11/17/2015 14:01:12	11.99	49.67	32.42	8.39	7.99	4.5	3.315	95.4	3.5	0.8
1171	11/17/2015 14:16:12	11.99	49.75	32.47	8.38	7.99	4.8	3.359	95.3	3.4	0.8
1172	11/17/2015 14:31:12	12.00	49.83	32.53	8.34	7.99	3.6	3.373	94.9	3.2	0.7
1173	11/17/2015 14:46:12	12.00	49.42	32.24	8.34	7.99	3.7	3.422	94.8	2.6	0.6
1174	11/17/2015 15:01:11	12.02	49.49	32.28	8.25	7.98	3.6	3.428	93.9	3.1	0.7
1175	11/17/2015 15:16:11	12.02	49.42	32.24	8.27	7.98	3.4	3.445	94.0	3.0	0.7
1176	11/17/2015 15:31:11	12.01	49.41	32.22	8.26	7.98	3.4	3.418	93.9	3.1	0.7
1177	11/17/2015 15:46:12	12.02	49.68	32.42	8.28	7.98	3.7	3.397	94.3	3.1	0.7
1178	11/17/2015 16:01:12	12.02	49.76	32.48	8.24	7.98	4.0	3.369	93.8	3.2	0.8
1179	11/17/2015 16:16:11	12.03	49.72	32.45	8.28	7.98	6.1	3.280	94.3	3.4	0.8
1180	11/17/2015 16:31:12	12.19	49.38	32.21	8.32	7.98	5.7	3.227	94.9	3.6	0.8
1181	11/17/2015 16:46:11	12.31	49.15	32.05	8.39	7.99	5.7	3.149	95.8	3.2	0.8
1182	11/17/2015 17:01:11	12.21	49.12	32.02	8.36	7.99	10.2	3.071	95.3	3.4	0.8
1183	11/17/2015 17:16:11	12.23	49.19	32.08	8.37	7.99	6.8	2.990	95.4	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	Fluorescence %FS
1184	11/17/2015 17:31:12	12.24	49.26	32.13	8.34	7.99	7.6	2.895	95.2	4.0	0.9
1185	11/17/2015 17:46:12	12.24	49.27	32.14	8.33	7.99	7.6	2.814	95.0	3.1	0.7
1186	11/17/2015 18:01:12	12.29	49.07	31.99	8.30	7.99	9.0	2.715	94.8	3.8	0.9
1187	11/17/2015 18:16:12	12.28	48.98	31.93	8.27	7.98	8.5	2.608	94.3	3.2	0.8
1188	11/17/2015 18:31:12	12.17	49.12	32.02	8.25	7.98	9.7	2.512	94.0	3.5	0.8
1189	11/17/2015 18:46:11	12.18	48.88	31.85	8.24	7.98	10.9	2.404	93.8	3.4	0.8
1190	11/17/2015 19:01:12	12.14	49.11	32.02	8.18	7.97	11.8	2.281	93.0	3.2	0.8
1191	11/17/2015 19:16:11	12.08	49.02	31.94	8.14	7.97	14.0	2.212	92.5	3.8	0.9
1192	11/17/2015 19:31:12	12.10	48.97	31.91	8.12	7.97	11.1	2.067	92.3	3.5	0.8
1193	11/17/2015 19:46:11	12.07	48.74	31.75	8.13	7.96	13.1	1.948	92.2	3.5	0.8
1194	11/17/2015 20:01:11	12.05	48.67	31.70	8.11	7.96	12.5	1.877	92.0	3.6	0.8
1195	11/17/2015 20:16:11	12.07	48.67	31.69	8.08	7.96	10.6	1.773	91.7	3.1	0.7
1196	11/17/2015 20:31:11	12.06	48.56	31.61	8.14	7.96	9.0	1.660	92.2	3.7	0.9
1197	11/17/2015 20:46:11	12.05	48.56	31.61	8.15	7.96	8.5	1.581	92.3	3.9	0.9
1198	11/17/2015 21:01:11	12.05	48.61	31.65	8.12	7.96	8.1	1.533	92.0	3.9	0.9
1199	11/17/2015 21:16:12	12.04	48.58	31.63	8.09	7.96	7.7	1.502	91.6	4.1	1.0
1200	11/17/2015 21:31:11	12.04	48.56	31.61	8.09	7.96	7.3	1.438	91.6	3.1	0.7
1201	11/17/2015 21:46:11	12.05	48.51	31.58	7.94	7.95	7.0	1.433	90.0	3.6	0.8
1202	11/17/2015 22:01:12	12.06	48.57	31.62	7.94	7.95	6.0	1.436	90.0	3.9	0.9
1203	11/17/2015 22:16:11	12.05	48.62	31.66	8.07	7.95	5.8	1.481	91.5	3.7	0.9
1204	11/17/2015 22:31:12	12.05	48.62	31.65	8.08	7.96	5.9	1.523	91.6	3.1	0.7
1205	11/17/2015 22:46:11	12.04	48.60	31.64	8.12	7.96	6.6	1.553	92.0	3.1	0.7
1206	11/17/2015 23:01:12	12.05	48.44	31.53	8.14	7.96	6.6	1.640	92.1	3.6	0.8
1207	11/17/2015 23:16:11	12.05	48.37	31.47	8.15	7.96	7.0	1.689	92.2	3.7	0.9
1208	11/17/2015 23:31:11	12.06	48.30	31.43	8.13	7.95	6.5	1.763	92.0	3.1	0.7
1209	11/17/2015 23:46:12	12.07	48.30	31.42	8.10	7.95	6.2	1.820	91.7	3.6	0.9
1210	11/18/2015 00:01:11	12.08	48.31	31.44	8.07	7.95	6.3	1.899	91.4	3.5	0.8
1211	11/18/2015 00:16:12	12.08	48.33	31.45	8.08	7.95	6.3	1.993	91.5	3.6	0.8
1212	11/18/2015 00:31:11	12.09	48.41	31.51	8.10	7.95	7.0	2.050	91.8	3.4	0.8
1213	11/18/2015 00:46:11	12.10	48.38	31.49	8.10	7.95	6.0	2.124	91.8	3.6	0.8
1214	11/18/2015 01:01:12	12.09	48.64	31.67	8.08	7.96	6.9	2.242	91.6	3.4	0.8
1215	11/18/2015 01:16:12	12.09	48.90	31.86	8.06	7.96	7.6	2.309	91.5	3.6	0.8
1216	11/18/2015 01:31:11	12.09	48.84	31.82	8.06	7.96	8.1	2.398	91.5	3.2	0.7
1217	11/18/2015 01:46:11	12.10	48.90	31.86	8.08	7.96	7.1	2.474	91.8	3.6	0.9
1218	11/18/2015 02:01:12	12.11	49.03	31.95	8.07	7.96	7.5	2.571	91.8	3.4	0.8
1219	11/18/2015 02:16:12	12.12	49.05	31.97	8.08	7.96	7.5	2.638	91.9	4.2	1.0
1220	11/18/2015 02:31:11	12.13	49.04	31.96	8.11	7.96	8.2	2.713	92.2	3.7	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1221	11/18/2015 02:46:12	12.13	49.13	32.03	8.12	7.97	8.7	2.801	92.4	3.5	0.8
1222	11/18/2015 03:01:11	12.12	48.99	31.93	8.14	7.97	9.2	2.874	92.5	3.7	0.9
1223	11/18/2015 03:16:12	12.12	49.17	32.06	8.15	7.97	9.4	2.937	92.8	3.4	0.8
1224	11/18/2015 03:31:12	12.12	49.32	32.17	8.19	7.97	10.1	3.012	93.2	4.2	1.0
1225	11/18/2015 03:46:12	12.11	49.19	32.07	8.23	7.97	10.5	3.076	93.6	3.7	0.9
1226	11/18/2015 04:01:11	12.10	49.29	32.14	8.28	7.97	11.0	3.139	94.2	3.5	0.8
1227	11/18/2015 04:16:12	12.09	49.55	32.33	8.37	7.98	9.5	3.188	95.4	3.4	0.8
1228	11/18/2015 04:31:12	12.09	49.57	32.35	8.39	7.98	9.3	3.258	95.6	3.5	0.8
1229	11/18/2015 04:46:11	12.08	49.51	32.31	8.43	7.98	6.9	3.292	96.0	3.6	0.8
1230	11/18/2015 05:01:11	12.09	49.45	32.26	8.42	7.98	5.6	3.318	95.9	3.4	0.8
1231	11/18/2015 05:16:11	12.09	49.48	32.29	8.30	7.97	4.1	3.336	94.5	2.8	0.7
1232	11/18/2015 05:31:11	12.09	49.70	32.45	8.22	7.97	5.4	3.337	93.7	2.8	0.7
1233	11/18/2015 05:46:12	12.09	49.66	32.41	8.30	7.97	9.0	3.297	94.6	3.1	0.7
1234	11/18/2015 06:01:12	12.09	49.63	32.39	8.28	7.97	9.2	3.256	94.3	3.5	0.8
1235	11/18/2015 06:16:12	12.10	49.49	32.29	8.22	7.97	11.1	3.213	93.7	3.4	0.8
1236	11/18/2015 06:31:12	12.09	49.37	32.21	8.17	7.97	15.2	3.153	93.0	4.4	1.0
1237	11/18/2015 06:46:12	12.07	49.35	32.19	8.18	7.97	13.0	3.090	93.0	3.6	0.8
1238	11/18/2015 07:01:12	12.06	49.28	32.14	8.17	7.97	10.6	3.019	92.8	3.1	0.7
1239	11/18/2015 07:16:12	12.06	49.24	32.11	8.11	7.96	9.2	2.962	92.2	3.3	0.8
1240	11/18/2015 07:31:11	12.06	49.13	32.03	8.09	7.96	11.2	2.882	91.9	3.8	0.9
1241	11/18/2015 07:46:11	12.04	49.17	32.06	8.05	7.96	7.8	2.840	91.4	3.4	0.8
1242	11/18/2015 08:01:11	12.04	49.07	31.98	8.04	7.95	7.5	2.781	91.3	3.3	0.8
1243	11/18/2015 08:16:11	12.03	48.96	31.90	8.04	7.95	7.4	2.721	91.3	3.2	0.8
1244	11/18/2015 08:31:12	12.03	49.20	32.07	8.00	7.95	7.4	2.665	90.9	3.1	0.7
1245	11/18/2015 08:46:12	12.07	49.06	31.98	7.94	7.95	6.3	2.629	90.2	2.9	0.7
1246	11/18/2015 09:01:12	12.07	49.08	31.99	7.95	7.95	6.4	2.584	90.3	3.0	0.7
1247	11/18/2015 09:16:12	12.09	48.98	31.92	7.95	7.95	6.5	2.534	90.3	2.8	0.6
1248	11/18/2015 09:31:12	12.12	49.00	31.93	7.95	7.95	6.0	2.503	90.4	3.5	0.8
1249	11/18/2015 09:46:12	12.15	48.94	31.89	7.95	7.95	6.2	2.460	90.4	2.9	0.7
1250	11/18/2015 10:01:12	12.21	48.88	31.86	8.02	7.95	6.6	2.435	91.3	2.7	0.6
1251	11/18/2015 10:16:12	12.19	48.84	31.82	7.90	7.94	5.9	2.416	89.9	3.2	0.7
1252	11/18/2015 10:31:11	12.22	48.55	31.62	7.98	7.95	6.5	2.403	90.8	3.4	0.8
1253	11/18/2015 10:46:12	12.18	48.66	31.69	7.81	7.94	5.9	2.408	88.8	2.9	0.7
1254	11/18/2015 11:01:12	12.20	48.82	31.81	7.97	7.95	6.0	2.419	90.7	3.3	0.8
1255	11/18/2015 11:16:12	12.19	48.93	31.89	7.92	7.94	5.9	2.422	90.1	3.4	0.8
1256	11/18/2015 11:31:12	12.18	48.95	31.90	7.93	7.95	6.0	2.458	90.3	3.2	0.8
1257	11/18/2015 11:46:12	12.20	48.66	31.69	7.97	7.95	7.3	2.519	90.6	3.8	0.9

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1258	11/18/2015 12:01:12	12.15	48.81	31.80	7.94	7.94	6.5	2.557	90.3	2.9	0.7
1259	11/18/2015 12:16:12	12.33	48.68	31.72	8.00	7.95	6.7	2.604	91.3	3.8	0.9
1260	11/18/2015 12:31:12	12.33	48.86	31.84	7.98	7.95	6.7	2.660	91.1	3.0	0.7
1261	11/18/2015 12:46:12	12.28	49.01	31.95	8.03	7.95	7.0	2.718	91.6	3.2	0.8
1262	11/18/2015 13:01:11	12.24	48.90	31.87	8.04	7.95	6.7	2.769	91.6	2.9	0.7
1263	11/18/2015 13:16:11	12.22	49.02	31.95	8.06	7.95	6.2	2.822	91.8	3.0	0.7
1264	11/18/2015 13:31:12	12.23	49.03	31.96	8.10	7.96	7.0	2.865	92.4	3.1	0.7
1265	11/18/2015 13:46:12	12.24	49.17	32.06	8.17	7.96	5.5	2.919	93.2	3.0	0.7
1266	11/18/2015 14:01:11	12.22	49.10	32.01	8.22	7.96	5.6	2.976	93.7	3.2	0.7
1267	11/18/2015 14:16:11	12.22	49.22	32.10	8.25	7.97	4.5	3.019	94.1	3.0	0.7
1268	11/18/2015 14:31:12	12.21	49.30	32.16	8.26	7.97	4.4	3.061	94.2	3.3	0.8
1269	11/18/2015 14:46:11	12.20	49.26	32.13	8.27	7.97	3.8	3.116	94.3	3.0	0.7
1270	11/18/2015 15:01:11	12.21	49.33	32.18	8.30	7.97	4.0	3.158	94.7	2.6	0.6
1271	11/18/2015 15:16:12	12.22	49.45	32.27	8.30	7.97	3.8	3.212	94.8	3.0	0.7
1272	11/18/2015 15:31:11	12.22	49.32	32.17	8.31	7.97	3.5	3.232	94.8	3.0	0.7
1273	11/18/2015 15:46:12	12.22	49.40	32.23	8.28	7.97	3.3	3.262	94.6	2.6	0.6
1274	11/18/2015 16:01:12	12.23	49.50	32.30	8.23	7.97	2.9	3.286	94.0	2.9	0.7
1275	11/18/2015 16:16:12	12.23	49.37	32.21	8.09	7.96	2.3	3.301	92.4	3.4	0.8
1276	11/18/2015 16:31:11	12.23	49.46	32.27	8.04	7.95	2.8	3.286	91.8	2.4	0.6
1277	11/18/2015 16:46:12	12.23	49.47	32.28	8.19	7.96	4.6	3.238	93.5	2.7	0.6
1278	11/18/2015 17:01:12	12.25	49.50	32.30	8.15	7.96	5.3	3.220	93.2	3.4	0.8
1279	11/18/2015 17:16:12	12.28	49.27	32.14	8.14	7.96	5.7	3.169	93.0	2.9	0.7
1280	11/18/2015 17:31:12	12.36	49.34	32.19	8.19	7.97	8.1	3.103	93.8	3.5	0.8
1281	11/18/2015 17:46:11	12.34	48.87	31.85	8.20	7.97	6.2	3.031	93.6	3.7	0.9
1282	11/18/2015 18:01:12	12.29	49.23	32.11	8.17	7.96	6.2	2.967	93.3	3.5	0.8
1283	11/18/2015 18:16:12	12.39	49.18	32.08	8.21	7.97	7.7	2.891	94.0	3.2	0.8
1284	11/18/2015 18:31:11	12.43	49.03	31.97	8.29	7.98	7.7	2.807	94.9	3.6	0.9
1285	11/18/2015 18:46:11	12.57	48.83	31.83	8.41	7.99	8.1	2.729	96.5	4.0	0.9
1286	11/18/2015 19:01:12	12.56	49.00	31.95	8.34	7.99	8.1	2.645	95.8	3.0	0.7
1287	11/18/2015 19:16:12	12.65	48.97	31.94	8.50	8.01	9.8	2.556	97.7	4.0	0.9
1288	11/18/2015 19:31:12	12.63	48.95	31.92	8.62	8.02	7.6	2.457	99.0	3.5	0.8
1289	11/18/2015 19:46:11	12.51	48.64	31.69	8.62	8.01	8.4	2.363	98.6	3.1	0.7
1290	11/18/2015 20:01:12	12.41	48.85	31.84	8.25	7.98	10.1	2.273	94.3	3.1	0.7
1291	11/18/2015 20:16:12	12.35	48.79	31.80	8.20	7.97	9.9	2.176	93.6	4.0	0.9
1292	11/18/2015 20:31:12	12.38	48.82	31.82	8.17	7.97	10.1	2.079	93.3	3.8	0.9
1293	11/18/2015 20:46:11	12.36	48.37	31.49	8.21	7.97	10.0	1.965	93.6	3.5	0.8
1294	11/18/2015 21:01:12	12.37	48.72	31.75	8.16	7.96	9.6	1.865	93.1	3.6	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1295	11/18/2015 21:16:12	12.39	48.67	31.70	8.17	7.96	9.0	1.805	93.3	4.0	0.9
1296	11/18/2015 21:31:12	12.35	48.69	31.72	8.14	7.96	8.5	1.712	92.9	3.8	0.9
1297	11/18/2015 21:46:11	12.39	48.23	31.39	8.19	7.96	8.1	1.634	93.4	3.5	0.8
1298	11/18/2015 22:01:12	12.49	48.43	31.54	8.23	7.97	7.9	1.608	94.0	3.3	0.8
1299	11/18/2015 22:16:11	12.49	48.40	31.52	8.24	7.97	7.3	1.557	94.2	3.4	0.8
1300	11/18/2015 22:31:12	12.49	48.37	31.50	8.22	7.97	7.0	1.517	93.9	2.9	0.7
1301	11/18/2015 22:46:12	12.50	48.46	31.56	8.14	7.96	6.2	1.505	93.0	3.5	0.8
1302	11/18/2015 23:01:11	12.47	48.35	31.48	8.24	7.97	6.7	1.535	94.1	3.6	0.8
1303	11/18/2015 23:16:12	12.46	48.40	31.52	8.28	7.97	6.7	1.574	94.5	3.2	0.8
1304	11/18/2015 23:31:12	12.48	48.54	31.62	8.26	7.97	6.3	1.591	94.4	2.9	0.7
1305	11/18/2015 23:46:12	12.54	48.45	31.56	8.31	7.97	6.7	1.655	95.0	3.9	0.9
1306	11/19/2015 00:01:12	12.53	48.51	31.60	8.29	7.97	7.1	1.725	94.9	3.6	0.8
1307	11/19/2015 00:16:12	12.54	48.37	31.50	8.26	7.97	6.7	1.776	94.5	3.4	0.8
1308	11/19/2015 00:31:11	12.55	48.06	31.27	8.23	7.96	7.6	1.841	94.1	3.4	0.8
1309	11/19/2015 00:46:11	12.57	48.15	31.34	8.24	7.96	6.7	1.913	94.2	3.9	0.9
1310	11/19/2015 01:01:11	12.57	48.01	31.24	8.24	7.96	6.5	1.984	94.2	3.6	0.8
1311	11/19/2015 01:16:11	12.57	48.05	31.27	8.24	7.96	6.8	2.047	94.1	3.7	0.9
1312	11/19/2015 01:31:11	12.57	48.20	31.37	8.22	7.96	7.3	2.131	94.0	3.7	0.9
1313	11/19/2015 01:46:11	12.52	48.37	31.50	8.16	7.96	7.5	2.222	93.3	3.1	0.7
1314	11/19/2015 02:01:11	12.47	48.45	31.55	8.12	7.96	7.0	2.293	92.8	3.0	0.7
1315	11/19/2015 02:16:11	12.41	48.43	31.54	8.10	7.96	7.1	2.373	92.5	3.4	0.8
1316	11/19/2015 02:31:11	12.38	48.89	31.87	8.11	7.96	7.4	2.464	92.7	3.3	0.8
1317	11/19/2015 02:46:11	12.37	48.80	31.80	8.14	7.96	6.9	2.543	92.9	3.7	0.9
1318	11/19/2015 03:01:12	12.35	48.97	31.93	8.13	7.96	7.3	2.630	92.9	3.4	0.8
1319	11/19/2015 03:16:12	12.33	48.96	31.91	8.14	7.96	8.1	2.702	92.9	3.5	0.8
1320	11/19/2015 03:31:12	12.31	48.97	31.92	8.15	7.96	9.4	2.779	93.0	3.5	0.8
1321	11/19/2015 03:46:12	12.30	49.10	32.01	8.15	7.96	9.8	2.862	93.0	3.6	0.8
1322	11/19/2015 04:01:12	12.29	49.08	32.00	8.16	7.96	10.3	2.932	93.2	3.1	0.7
1323	11/19/2015 04:16:12	12.26	49.03	31.96	8.22	7.96	10.4	3.007	93.8	3.6	0.8
1324	11/19/2015 04:31:11	12.23	49.19	32.08	8.29	7.97	10.4	3.080	94.5	3.5	0.8
1325	11/19/2015 04:46:12	12.19	49.25	32.12	8.32	7.97	12.3	3.141	94.9	3.3	0.8
1326	11/19/2015 05:01:12	12.17	49.55	32.33	8.34	7.97	10.4	3.209	95.1	3.4	0.8
1327	11/19/2015 05:16:12	12.15	49.66	32.41	8.37	7.97	9.2	3.256	95.5	3.5	0.8
1328	11/19/2015 05:31:12	12.14	49.59	32.36	8.39	7.97	8.4	3.310	95.7	3.7	0.9
1329	11/19/2015 05:46:12	12.13	49.73	32.47	8.38	7.97	7.0	3.342	95.6	3.4	0.8
1330	11/19/2015 06:01:12	12.12	49.68	32.43	8.33	7.97	5.4	3.360	95.0	3.5	0.8
1331	11/19/2015 06:16:12	12.14	49.64	32.40	8.20	7.97	5.2	3.385	93.5	3.3	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1332	11/19/2015 06:31:12	12.12	49.68	32.43	8.24	7.97	6.8	3.359	93.9	3.4	0.8
1333	11/19/2015 06:46:12	12.14	49.64	32.40	8.30	7.97	8.4	3.324	94.7	3.1	0.7
1334	11/19/2015 07:01:12	12.13	49.38	32.21	8.21	7.96	7.9	3.286	93.5	3.0	0.7
1335	11/19/2015 07:16:12	12.17	49.37	32.20	8.18	7.96	7.9	3.226	93.2	3.4	0.8
1336	11/19/2015 07:31:12	12.14	49.35	32.19	8.12	7.96	6.7	3.163	92.5	2.9	0.7
1337	11/19/2015 07:46:12	12.13	49.51	32.31	8.23	7.96	6.4	3.083	93.8	3.4	0.8
1338	11/19/2015 08:01:12	12.16	49.40	32.22	8.21	7.96	5.9	3.009	93.6	2.8	0.7
1339	11/19/2015 08:16:12	12.19	49.20	32.08	8.06	7.96	5.4	2.943	91.9	3.1	0.7
1340	11/19/2015 08:31:12	12.19	49.00	31.94	7.98	7.95	5.6	2.877	90.9	3.0	0.7
1341	11/19/2015 08:46:12	12.20	49.14	32.04	7.95	7.95	7.1	2.803	90.6	3.1	0.7
1342	11/19/2015 09:01:11	12.21	48.81	31.80	7.94	7.95	6.4	2.724	90.4	2.9	0.7
1343	11/19/2015 09:16:11	12.21	48.82	31.81	7.87	7.94	6.4	2.675	89.6	2.9	0.7
1344	11/19/2015 09:31:11	12.22	48.76	31.77	7.91	7.94	5.2	2.608	90.0	2.9	0.7
1345	11/19/2015 09:46:12	12.21	48.77	31.77	7.85	7.94	4.9	2.545	89.3	2.8	0.7
1346	11/19/2015 10:01:12	12.25	48.69	31.71	7.90	7.94	5.6	2.469	90.0	3.4	0.8
1347	11/19/2015 10:16:12	12.30	48.63	31.67	7.97	7.95	4.6	2.422	90.8	3.2	0.8
1348	11/19/2015 10:31:12	12.34	48.76	31.77	8.00	7.95	4.7	2.380	91.3	3.1	0.7
1349	11/19/2015 10:46:11	12.38	48.23	31.39	8.07	7.95	4.6	2.302	91.9	3.1	0.7
1350	11/19/2015 11:01:12	12.40	48.63	31.68	8.05	7.95	4.4	2.260	92.0	3.3	0.8
1351	11/19/2015 11:16:11	12.42	48.18	31.35	8.06	7.95	4.3	2.235	91.9	3.1	0.7
1352	11/19/2015 11:31:12	12.44	48.43	31.53	8.05	7.95	4.0	2.227	92.0	3.0	0.7
1353	11/19/2015 11:46:12	12.46	48.34	31.47	7.84	7.94	3.4	2.196	89.5	2.9	0.7
1354	11/19/2015 12:01:12	12.42	48.48	31.57	7.95	7.94	4.0	2.201	90.8	2.9	0.7
1355	11/19/2015 12:16:12	12.39	48.45	31.55	7.93	7.94	4.6	2.236	90.4	2.7	0.6
1356	11/19/2015 12:31:12	12.36	48.60	31.65	7.96	7.94	4.6	2.260	90.8	2.7	0.6
1357	11/19/2015 12:46:12	12.35	48.68	31.71	7.94	7.94	5.1	2.297	90.5	2.6	0.6
1358	11/19/2015 13:01:12	12.36	48.68	31.71	7.93	7.94	4.8	2.334	90.5	2.9	0.7
1359	11/19/2015 13:16:12	12.37	48.10	31.30	7.96	7.94	4.6	2.397	90.6	2.9	0.7
1360	11/19/2015 13:31:12	12.36	48.37	31.49	7.94	7.94	4.7	2.453	90.4	2.7	0.6
1361	11/19/2015 13:46:12	12.35	48.50	31.59	7.96	7.94	4.7	2.503	90.7	3.1	0.7
1362	11/19/2015 14:01:12	12.34	48.68	31.71	7.97	7.95	4.4	2.560	90.9	3.2	0.7
1363	11/19/2015 14:16:12	12.33	48.68	31.72	7.99	7.95	4.6	2.621	91.1	2.9	0.7
1364	11/19/2015 14:31:12	12.27	48.96	31.92	7.98	7.95	4.6	2.667	91.0	2.5	0.6
1365	11/19/2015 14:46:11	12.29	48.67	31.70	8.04	7.96	4.2	2.724	91.6	2.7	0.6
1366	11/19/2015 15:01:11	12.29	48.91	31.87	8.10	7.97	4.2	2.777	92.4	2.9	0.7
1367	11/19/2015 15:16:11	12.30	49.00	31.95	8.15	7.97	3.9	2.827	93.1	3.1	0.7
1368	11/19/2015 15:31:11	12.29	49.00	31.94	8.17	7.98	3.7	2.885	93.2	2.8	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1369	11/19/2015 15:46:12	12.28	49.21	32.10	8.16	7.98	4.0	2.942	93.2	2.5	0.6
1370	11/19/2015 16:01:11	12.28	49.02	31.96	8.21	7.98	3.8	2.984	93.6	3.4	0.8
1371	11/19/2015 16:16:11	12.28	49.21	32.10	8.22	7.98	4.0	3.044	93.8	3.2	0.7
1372	11/19/2015 16:31:11	12.27	49.20	32.08	8.25	7.99	3.8	3.090	94.2	3.0	0.7
1373	11/19/2015 16:46:11	12.26	49.22	32.10	8.27	7.99	3.4	3.128	94.4	2.9	0.7
1374	11/19/2015 17:01:12	12.26	49.21	32.09	8.27	7.99	3.7	3.165	94.4	3.0	0.7
1375	11/19/2015 17:16:12	12.25	49.28	32.14	8.24	7.99	3.5	3.185	94.1	2.9	0.7
1376	11/19/2015 17:31:12	12.25	49.39	32.23	8.17	7.98	2.9	3.198	93.4	3.1	0.7
1377	11/19/2015 17:46:12	12.26	49.30	32.16	8.08	7.98	3.7	3.210	92.3	3.2	0.7
1378	11/19/2015 18:01:12	12.25	49.45	32.27	8.09	7.98	3.6	3.189	92.5	2.8	0.6
1379	11/19/2015 18:16:11	12.25	49.20	32.09	8.16	7.99	4.0	3.155	93.2	2.9	0.7
1380	11/19/2015 18:31:12	12.27	49.23	32.11	8.14	7.99	4.3	3.112	93.0	3.1	0.7
1381	11/19/2015 18:46:12	12.30	49.26	32.13	8.09	7.99	5.2	3.052	92.5	2.7	0.6
1382	11/19/2015 19:01:12	12.35	48.74	31.76	8.08	7.99	5.8	2.990	92.3	3.3	0.8
1383	11/19/2015 19:16:12	12.37	49.07	32.00	8.01	7.99	5.1	2.914	91.6	2.7	0.6
1384	11/19/2015 19:31:12	12.40	48.89	31.87	8.06	7.99	6.7	2.837	92.1	3.4	0.8
1385	11/19/2015 19:46:12	12.41	48.85	31.84	8.08	7.99	6.3	2.757	92.3	3.3	0.8
1386	11/19/2015 20:01:12	12.43	48.79	31.80	8.07	8.00	6.7	2.674	92.3	3.3	0.8
1387	11/19/2015 20:16:12	12.47	48.78	31.79	8.07	8.00	6.2	2.594	92.3	3.1	0.7
1388	11/19/2015 20:31:11	12.51	48.46	31.56	8.09	8.00	7.4	2.509	92.5	3.1	0.7
1389	11/19/2015 20:46:11	12.50	48.56	31.63	8.08	8.00	7.1	2.416	92.4	3.7	0.9
1390	11/19/2015 21:01:11	12.54	48.63	31.69	7.98	8.00	6.8	2.319	91.4	3.3	0.8
1391	11/19/2015 21:16:12	12.53	48.44	31.55	8.01	8.00	8.2	2.238	91.7	4.0	0.9
1392	11/19/2015 21:31:12	12.53	48.47	31.57	7.95	7.99	9.2	2.131	90.9	3.6	0.8
1393	11/19/2015 21:46:12	12.57	48.36	31.49	7.91	7.99	7.2	2.029	90.5	3.4	0.8
1394	11/19/2015 22:01:12	12.61	48.30	31.45	7.95	7.99	7.3	1.966	91.1	3.1	0.7
1395	11/19/2015 22:16:12	12.65	48.26	31.42	8.01	8.00	6.7	1.865	91.8	3.7	0.9
1396	11/19/2015 22:31:12	12.68	48.08	31.29	7.98	7.99	6.7	1.781	91.4	3.1	0.7
1397	11/19/2015 22:46:12	12.69	48.16	31.35	7.99	8.00	5.9	1.735	91.6	3.4	0.8
1398	11/19/2015 23:01:12	12.70	47.84	31.12	7.95	7.99	6.0	1.671	91.0	3.2	0.7
1399	11/19/2015 23:16:11	12.71	48.03	31.26	7.92	7.99	5.7	1.632	90.7	3.6	0.8
1400	11/19/2015 23:31:11	12.70	47.84	31.12	7.91	7.99	5.2	1.614	90.6	3.0	0.7
1401	11/19/2015 23:46:11	12.67	48.09	31.30	7.68	7.98	4.3	1.577	88.0	3.5	0.8
1402	11/20/2015 00:01:12	12.67	48.18	31.36	7.98	8.00	5.2	1.609	91.4	2.9	0.7
1403	11/20/2015 00:16:12	12.66	48.21	31.39	7.96	8.00	5.1	1.632	91.3	3.6	0.8
1404	11/20/2015 00:31:12	12.65	48.18	31.36	7.98	8.00	5.8	1.643	91.4	3.3	0.8
1405	11/20/2015 00:46:12	12.64	48.06	31.28	8.00	8.00	5.2	1.697	91.6	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	Fluorescence %FS
1406	11/20/2015 01:01:11	12.63	48.04	31.26	8.02	8.00	5.4	1.764	91.8	2.9	0.7
1407	11/20/2015 01:16:12	12.65	47.80	31.09	7.98	7.99	6.0	1.828	91.3	3.5	0.8
1408	11/20/2015 01:31:12	12.65	47.47	30.85	7.96	7.99	6.0	1.898	90.9	3.4	0.8
1409	11/20/2015 01:46:12	12.64	47.58	30.93	7.93	7.98	6.8	1.969	90.6	3.7	0.9
1410	11/20/2015 02:01:12	12.63	47.55	30.91	7.92	7.98	5.2	2.046	90.5	3.7	0.9
1411	11/20/2015 02:16:12	12.60	47.97	31.21	7.93	7.98	5.7	2.129	90.7	3.4	0.8
1412	11/20/2015 02:31:12	12.57	47.99	31.22	7.92	7.98	5.6	2.204	90.5	3.2	0.7
1413	11/20/2015 02:46:11	12.52	48.21	31.38	7.91	7.98	6.0	2.288	90.4	3.4	0.8
1414	11/20/2015 03:01:12	12.48	48.52	31.61	7.91	7.99	5.6	2.372	90.5	3.1	0.7
1415	11/20/2015 03:16:11	12.46	48.42	31.53	7.95	7.99	6.6	2.448	90.8	3.2	0.8
1416	11/20/2015 03:31:12	12.44	48.67	31.71	7.96	7.99	6.0	2.541	91.0	3.7	0.9
1417	11/20/2015 03:46:12	12.44	48.72	31.74	7.96	8.00	7.2	2.629	91.0	3.1	0.7
1418	11/20/2015 04:01:12	12.43	48.75	31.77	7.96	8.00	7.3	2.699	91.0	3.2	0.8
1419	11/20/2015 04:16:12	12.42	48.83	31.83	7.97	8.00	7.8	2.778	91.1	3.5	0.8
1420	11/20/2015 04:31:12	12.39	48.64	31.68	8.02	8.00	8.0	2.874	91.6	3.3	0.8
1421	11/20/2015 04:46:12	12.37	48.85	31.83	8.02	8.00	10.9	2.943	91.6	3.8	0.9
1422	11/20/2015 05:01:12	12.34	48.90	31.87	8.07	8.00	12.8	3.026	92.1	3.5	0.8
1423	11/20/2015 05:16:12	12.30	49.21	32.09	8.14	8.01	11.8	3.108	93.0	3.5	0.8
1424	11/20/2015 05:31:12	12.28	48.96	31.91	8.18	8.01	13.1	3.181	93.3	3.2	0.8
1425	11/20/2015 05:46:11	12.24	49.19	32.08	8.23	8.02	11.7	3.258	93.8	4.0	0.9
1426	11/20/2015 06:01:12	12.22	49.46	32.27	8.23	8.02	12.1	3.324	93.9	3.5	0.8
1427	11/20/2015 06:16:11	12.20	49.43	32.25	8.25	8.02	9.5	3.392	94.2	3.2	0.8
1428	11/20/2015 06:31:12	12.19	49.56	32.34	8.25	8.02	6.9	3.441	94.2	3.3	0.8
1429	11/20/2015 06:46:12	12.18	49.62	32.39	8.21	8.02	5.3	3.459	93.7	2.7	0.6
1430	11/20/2015 07:01:12	12.18	49.64	32.41	8.14	8.02	3.8	3.479	92.9	2.6	0.6
1431	11/20/2015 07:16:12	12.18	49.42	32.24	8.09	8.01	5.5	3.489	92.3	3.5	0.8
1432	11/20/2015 07:31:12	12.19	49.55	32.34	8.12	8.01	6.8	3.492	92.7	3.5	0.8
1433	11/20/2015 07:46:12	12.20	49.62	32.39	8.13	8.01	8.3	3.445	92.9	2.7	0.6
1434	11/20/2015 08:01:11	12.20	49.47	32.28	8.16	8.01	9.0	3.387	93.1	3.0	0.7
1435	11/20/2015 08:16:12	12.24	49.25	32.12	8.12	8.01	9.3	3.329	92.7	2.8	0.7
1436	11/20/2015 08:31:12	12.25	49.34	32.19	8.12	8.01	8.0	3.257	92.7	2.9	0.7
Mean		12.67	49.49	32.31	7.96	7.98	8.55	2.65	91.75	3.52	0.82
Minimum		11.19	47.47	30.85	7.14	7.93	1.90	1.24	82.20	1.50	0.30
Maximum		14.11	50.35	32.92	8.67	8.06	111.30	3.80	100.70	12.30	2.90

Parameter	Criteria	Source

sonde #3

Indian Island Long-Term Deployment Water Quality Data

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

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 #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
0	11/20/2015 09:00:53	12.23	49.02	31.95	8.47		7.5	3.046	96.5	1.4	0.3
1	11/20/2015 09:15:53	12.25	48.98	31.93	8.48		7.0	2.976	96.7	1.1	0.3
2	11/20/2015 09:30:53	12.26	48.97	31.92	8.45		7.6	2.891	96.3	2.0	0.5
3	11/20/2015 09:45:52	12.28	48.95	31.91	8.43		6.7	2.808	96.2	1.9	0.4
4	11/20/2015 10:00:53	12.31	48.93	31.90	8.38		6.2	2.731	95.6	2.4	0.6
5	11/20/2015 10:15:53	12.32	48.92	31.89	8.37		6.0	2.655	95.5	1.3	0.3
6	11/20/2015 10:30:53	12.40	48.78	31.79	8.25		5.9	2.576	94.3	2.1	0.5
7	11/20/2015 10:45:53	12.42	48.72	31.74	8.31		6.4	2.490	95.0	2.2	0.5
8	11/20/2015 11:00:53	12.46	48.62	31.67	8.34		6.4	2.417	95.3	2.5	0.6
9	11/20/2015 11:15:53	12.50	48.60	31.66	8.38		6.2	2.351	95.8	1.5	0.4
10	11/20/2015 11:30:53	12.52	48.50	31.59	8.39		5.3	2.274	96.0	1.4	0.3
11	11/20/2015 11:45:53	12.54	48.50	31.59	8.38		5.2	2.187	95.9	2.0	0.5
12	11/20/2015 12:00:53	12.56	48.48	31.58	8.41		4.5	2.150	96.3	2.3	0.6
13	11/20/2015 12:15:53	12.59	48.52	31.61	8.42		4.5	2.090	96.5	1.8	0.4
14	11/20/2015 12:30:52	12.65	48.46	31.57	8.47		4.8	2.028	97.2	2.1	0.5
15	11/20/2015 12:45:53	12.67	48.47	31.58	8.46		4.8	2.033	97.1	2.1	0.5
16	11/20/2015 13:00:53	12.67	48.41	31.53	8.40		6.4	1.995	96.4	3.3	0.8
17	11/20/2015 13:15:53	12.65	48.38	31.51	8.31		3.7	1.987	95.3	2.3	0.6
18	11/20/2015 13:30:53	12.70	48.40	31.52	8.45		4.7	2.018	97.0	2.8	0.7
19	11/20/2015 13:45:53	12.65	48.47	31.58	8.39		4.7	2.047	96.2	2.0	0.5
20	11/20/2015 14:00:53	12.63	48.43	31.55	8.36		4.5	2.083	95.9	2.3	0.5
21	11/20/2015 14:15:53	12.61	48.46	31.57	8.31		4.7	2.144	95.3	2.8	0.7
22	11/20/2015 14:30:53	12.61	48.21	31.39	8.26		5.5	2.211	94.6	2.5	0.6
23	11/20/2015 14:45:53	12.61	48.27	31.43	8.24		6.8	2.270	94.3	2.3	0.5
24	11/20/2015 15:00:53	12.60	48.29	31.44	8.23		5.1	2.341	94.2	1.5	0.4
25	11/20/2015 15:15:53	12.54	48.47	31.57	8.23		5.5	2.409	94.2	1.7	0.4
26	11/20/2015 15:30:53	12.50	48.60	31.67	8.22		5.4	2.476	94.1	2.0	0.5
27	11/20/2015 15:45:53	12.44	48.82	31.82	8.23		4.8	2.542	94.2	1.6	0.4
28	11/20/2015 16:00:53	12.40	48.99	31.94	8.26		4.4	2.604	94.4	2.1	0.5
29	11/20/2015 16:15:53	12.39	49.07	32.00	8.27		4.4	2.665	94.6	1.9	0.5
30	11/20/2015 16:30:53	12.35	49.18	32.08	8.29		3.9	2.727	94.8	1.3	0.3
31	11/20/2015 16:45:53	12.34	49.23	32.11	8.30		4.0	2.772	94.9	1.6	0.4
32	11/20/2015 17:00:53	12.33	49.27	32.14	8.31		3.9	2.840	95.0	2.0	0.5
33	11/20/2015 17:15:53	12.33	49.29	32.16	8.31		4.2	2.894	95.1	1.7	0.4
34	11/20/2015 17:30:53	12.30	49.38	32.22	8.31		5.1	2.941	95.0	2.1	0.5
35	11/20/2015 17:45:53	12.27	49.44	32.26	8.32		4.4	3.004	95.1	2.3	0.6
36	11/20/2015 18:00:53	12.25	49.49	32.30	8.33		4.5	3.049	95.1	1.5	0.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
37	11/20/2015 18:15:53	12.24	49.48	32.29	8.33		4.2	3.080	95.1	2.4	0.6
38	11/20/2015 18:30:53	12.23	49.55	32.34	8.33		4.1	3.127	95.2	2.4	0.6
39	11/20/2015 18:45:53	12.23	49.57	32.35	8.33		3.6	3.144	95.1	1.8	0.4
40	11/20/2015 19:00:53	12.29	49.42	32.25	8.23		3.7	3.150	94.1	2.1	0.5
41	11/20/2015 19:15:53	12.23	49.57	32.36	8.20		4.3	3.154	93.7	2.0	0.5
42	11/20/2015 19:30:53	12.25	49.52	32.32	8.21		4.4	3.136	93.9	2.1	0.5
43	11/20/2015 19:45:53	12.24	49.57	32.35	8.24		4.7	3.077	94.1	1.5	0.4
44	11/20/2015 20:00:53	12.40	49.20	32.09	8.12		5.0	3.034	93.0	1.3	0.3
45	11/20/2015 20:15:53	12.40	49.23	32.11	8.12		6.2	2.978	93.0	2.5	0.6
46	11/20/2015 20:30:53	12.34	49.34	32.19	8.16		6.8	2.888	93.3	2.4	0.6
47	11/20/2015 20:45:53	12.37	49.29	32.16	8.19		7.3	2.808	93.7	1.8	0.4
48	11/20/2015 21:00:53	12.42	49.23	32.11	8.20		8.4	2.723	94.0	2.6	0.6
49	11/20/2015 21:15:53	12.46	49.16	32.07	8.21		6.9	2.648	94.1	1.9	0.5
50	11/20/2015 21:30:54	12.50	49.11	32.03	8.22		6.7	2.566	94.2	1.8	0.4
51	11/20/2015 21:45:53	12.54	48.98	31.94	8.23		7.2	2.464	94.4	2.2	0.5
52	11/20/2015 22:00:53	12.57	48.92	31.90	8.24		6.7	2.393	94.5	1.6	0.4
53	11/20/2015 22:15:53	12.59	48.87	31.86	8.23		7.3	2.297	94.5	2.5	0.6
54	11/20/2015 22:30:53	12.54	48.90	31.88	8.13		8.6	2.200	93.2	2.4	0.6
55	11/20/2015 22:45:53	12.53	48.87	31.86	8.09		7.5	2.117	92.7	2.2	0.5
56	11/20/2015 23:00:53	12.50	48.96	31.92	8.04		6.6	2.025	92.2	3.2	0.8
57	11/20/2015 23:15:53	12.57	48.81	31.82	8.07		7.3	1.925	92.6	2.5	0.6
58	11/20/2015 23:30:53	12.64	48.70	31.74	8.11		6.5	1.869	93.1	1.8	0.4
59	11/20/2015 23:45:53	12.69	48.63	31.69	8.13		6.6	1.788	93.4	1.8	0.4
60	11/21/2015 00:00:53	12.75	48.54	31.63	8.17		5.7	1.714	93.9	1.9	0.5
61	11/21/2015 00:15:53	12.77	48.46	31.57	8.18		5.8	1.676	94.1	2.3	0.5
62	11/21/2015 00:30:53	12.82	48.40	31.53	8.23		5.9	1.659	94.7	2.0	0.5
63	11/21/2015 00:45:53	12.83	48.40	31.53	8.17		5.1	1.628	94.0	2.2	0.5
64	11/21/2015 01:00:53	12.79	48.43	31.55	8.21		5.4	1.638	94.4	2.3	0.6
65	11/21/2015 01:15:53	12.78	48.46	31.57	8.22		5.0	1.674	94.5	2.2	0.5
66	11/21/2015 01:30:53	12.75	48.48	31.59	8.19		5.6	1.726	94.2	1.8	0.4
67	11/21/2015 01:45:53	12.75	48.44	31.56	8.21		5.2	1.759	94.4	2.1	0.5
68	11/21/2015 02:00:53	12.74	48.34	31.48	8.17		6.2	1.839	93.9	2.1	0.5
69	11/21/2015 02:15:53	12.71	48.44	31.55	8.13		5.8	1.918	93.4	1.3	0.3
70	11/21/2015 02:30:53	12.69	48.35	31.49	8.11		6.4	1.979	93.1	2.2	0.5
71	11/21/2015 02:45:53	12.67	48.37	31.50	8.09		5.7	2.061	92.8	1.7	0.4
72	11/21/2015 03:00:53	12.66	48.39	31.51	8.09		5.6	2.136	92.8	2.3	0.5
73	11/21/2015 03:15:53	12.63	48.46	31.57	8.07		5.7	2.213	92.6	1.5	0.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
74	11/21/2015 03:30:53	12.57	48.68	31.72	8.06		5.9	2.295	92.4	2.1	0.5
75	11/21/2015 03:45:53	12.52	48.81	31.82	8.06		6.0	2.370	92.3	1.6	0.4
76	11/21/2015 04:00:54	12.46	49.04	31.98	8.10		6.4	2.461	92.7	1.2	0.3
77	11/21/2015 04:15:53	12.44	49.11	32.03	8.11		7.6	2.543	92.9	1.7	0.4
78	11/21/2015 04:30:54	12.42	49.18	32.08	8.13		7.7	2.631	93.1	1.9	0.5
79	11/21/2015 04:45:53	12.39	49.22	32.11	8.15		8.0	2.717	93.2	2.0	0.5
80	11/21/2015 05:00:53	12.35	49.24	32.12	8.15		10.1	2.816	93.2	2.0	0.5
81	11/21/2015 05:15:53	12.34	49.30	32.16	8.16		11.2	2.902	93.4	1.8	0.4
82	11/21/2015 05:30:53	12.29	49.43	32.26	8.20		12.4	2.996	93.7	2.4	0.6
83	11/21/2015 05:45:54	12.23	49.59	32.37	8.25		13.3	3.089	94.2	2.2	0.5
84	11/21/2015 06:00:54	12.19	49.70	32.45	8.26		13.9	3.179	94.3	1.7	0.4
85	11/21/2015 06:15:54	12.10	49.89	32.58	8.28		12.6	3.276	94.5	1.9	0.4
86	11/21/2015 06:30:53	12.05	50.01	32.67	8.28		16.8	3.357	94.4	2.3	0.5
87	11/21/2015 06:45:53	12.02	50.08	32.71	8.27		12.4	3.442	94.3	2.9	0.7
88	11/21/2015 07:00:54	12.00	50.13	32.75	8.25		13.1	3.513	94.0	2.3	0.6
89	11/21/2015 07:15:53	11.98	50.17	32.78	8.23		8.9	3.566	93.8	2.6	0.6
90	11/21/2015 07:30:54	11.98	50.19	32.79	8.21		6.4	3.606	93.5	1.8	0.4
91	11/21/2015 07:45:53	11.97	50.20	32.80	8.19		3.6	3.641	93.3	2.0	0.5
92	11/21/2015 08:00:53	12.02	50.11	32.74	8.15		4.9	3.652	92.9	1.3	0.3
93	11/21/2015 08:15:53	12.00	50.13	32.75	8.12		6.1	3.619	92.6	1.7	0.4
94	11/21/2015 08:30:53	11.99	50.15	32.77	8.15		11.1	3.581	92.8	1.7	0.4
95	11/21/2015 08:45:53	11.99	50.16	32.77	8.14		6.4	3.542	92.8	2.0	0.5
96	11/21/2015 09:00:53	12.15	49.75	32.48	8.15		6.4	3.449	93.1	1.5	0.4
97	11/21/2015 09:15:53	12.07	50.00	32.66	8.19		5.0	3.371	93.4	2.2	0.5
98	11/21/2015 09:30:53	12.12	49.86	32.56	8.20		6.1	3.273	93.6	2.0	0.5
99	11/21/2015 09:45:53	12.21	49.64	32.40	8.16		7.3	3.178	93.2	1.3	0.3
100	11/21/2015 10:00:53	12.24	49.58	32.36	8.04		6.2	3.081	91.9	1.7	0.4
101	11/21/2015 10:15:54	12.23	49.61	32.39	8.08		8.3	2.975	92.4	2.7	0.6
102	11/21/2015 10:30:53	12.26	49.57	32.35	8.09		6.2	2.885	92.5	2.0	0.5
103	11/21/2015 10:45:53	12.33	49.43	32.25	8.07		5.6	2.782	92.4	2.1	0.5
104	11/21/2015 11:00:53	12.38	49.35	32.20	8.08		5.7	2.685	92.6	1.8	0.4
105	11/21/2015 11:15:53	12.42	49.29	32.16	8.10		5.9	2.593	92.9	1.7	0.4
106	11/21/2015 11:30:53	12.41	49.42	32.26	8.15		7.0	2.478	93.4	2.6	0.6
107	11/21/2015 11:45:53	12.45	49.26	32.14	8.15		7.5	2.378	93.4	2.3	0.5
108	11/21/2015 12:00:53	12.49	49.24	32.12	8.16		6.8	2.266	93.7	1.7	0.4
109	11/21/2015 12:15:53	12.57	49.11	32.04	8.20		6.8	2.188	94.1	1.6	0.4
110	11/21/2015 12:30:54	12.63	48.97	31.93	8.21		5.6	2.087	94.3	2.0	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
111	11/21/2015 12:45:53	12.71	48.77	31.79	8.23		5.9	1.984	94.6	2.5	0.6
112	11/21/2015 13:00:53	12.76	48.71	31.75	8.26		5.7	1.909	95.0	2.1	0.5
113	11/21/2015 13:15:53	12.79	48.61	31.68	8.25		5.6	1.839	95.0	1.8	0.4
114	11/21/2015 13:30:53	12.88	48.52	31.62	8.31		5.6	1.771	95.8	1.9	0.4
115	11/21/2015 13:45:53	12.93	48.47	31.58	8.34		5.0	1.737	96.2	1.5	0.4
116	11/21/2015 14:00:53	12.96	48.45	31.57	8.30		3.4	1.727	95.8	1.8	0.4
117	11/21/2015 14:15:53	12.95	48.46	31.58	8.34		4.7	1.711	96.3	2.4	0.6
118	11/21/2015 14:30:53	12.90	48.49	31.60	8.29		4.7	1.757	95.6	2.9	0.7
119	11/21/2015 14:45:53	12.85	48.53	31.63	8.24		5.0	1.784	94.9	2.9	0.7
120	11/21/2015 15:00:53	12.86	48.52	31.62	8.17		5.0	1.843	94.2	2.2	0.5
121	11/21/2015 15:15:53	12.82	48.50	31.60	8.15		5.6	1.930	93.8	3.1	0.7
122	11/21/2015 15:30:53	12.82	48.34	31.48	8.08		5.4	2.001	92.9	1.5	0.4
123	11/21/2015 15:45:53	12.82	48.22	31.40	8.04		6.3	2.080	92.5	2.1	0.5
124	11/21/2015 16:00:53	12.73	48.51	31.61	8.05		7.0	2.162	92.5	1.6	0.4
125	11/21/2015 16:15:54	12.69	48.65	31.71	8.05		5.7	2.241	92.5	2.6	0.6
126	11/21/2015 16:30:54	12.60	48.82	31.83	8.05		5.2	2.315	92.4	1.2	0.3
127	11/21/2015 16:45:53	12.55	49.01	31.96	8.06		5.0	2.393	92.5	2.2	0.5
128	11/21/2015 17:00:54	12.49	49.15	32.06	8.06		4.6	2.461	92.4	1.6	0.4
129	11/21/2015 17:15:54	12.47	49.19	32.09	8.05		4.7	2.532	92.3	2.3	0.6
130	11/21/2015 17:30:54	12.46	49.23	32.12	8.04		4.9	2.604	92.2	2.1	0.5
131	11/21/2015 17:45:54	12.45	49.26	32.14	8.05		4.9	2.674	92.3	1.9	0.5
132	11/21/2015 18:00:54	12.45	49.28	32.15	8.06		5.6	2.750	92.4	2.2	0.5
133	11/21/2015 18:15:54	12.39	49.40	32.23	8.07		6.2	2.811	92.4	1.5	0.4
134	11/21/2015 18:30:54	12.38	49.41	32.25	8.06		5.9	2.874	92.4	2.0	0.5
135	11/21/2015 18:45:53	12.35	49.46	32.28	8.07		5.9	2.953	92.4	2.0	0.5
136	11/21/2015 19:00:53	12.32	49.50	32.31	8.08		6.5	3.009	92.4	2.3	0.5
137	11/21/2015 19:15:53	12.29	49.57	32.36	8.08		6.5	3.063	92.5	1.7	0.4
138	11/21/2015 19:30:53	12.27	49.61	32.38	8.09		6.4	3.131	92.5	2.5	0.6
139	11/21/2015 19:45:54	12.26	49.69	32.44	8.08		5.3	3.161	92.4	2.2	0.5
140	11/21/2015 20:00:54	12.26	49.68	32.43	8.06		5.7	3.190	92.2	2.6	0.6
141	11/21/2015 20:15:53	12.24	49.73	32.47	7.99		2.9	3.210	91.4	2.0	0.5
142	11/21/2015 20:30:53	12.26	49.67	32.43	8.00		4.3	3.201	91.5	0.8	0.2
143	11/21/2015 20:45:54	12.26	49.66	32.42	8.00		5.2	3.174	91.5	1.4	0.3
144	11/21/2015 21:00:53	12.27	49.65	32.42	8.00		4.9	3.132	91.5	2.2	0.5
145	11/21/2015 21:15:54	12.33	49.50	32.31	7.96		8.1	3.073	91.1	2.0	0.5
146	11/21/2015 21:30:54	12.42	49.27	32.15	7.92		6.5	3.001	90.8	2.3	0.6
147	11/21/2015 21:45:54	12.29	49.52	32.32	7.96		6.1	2.923	91.1	2.2	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
148	11/21/2015 22:00:54	12.31	49.47	32.29	7.97		6.8	2.838	91.2	2.3	0.6
149	11/21/2015 22:15:53	12.40	49.31	32.17	7.95		8.3	2.755	91.0	2.3	0.5
150	11/21/2015 22:30:54	12.45	49.24	32.12	7.94		6.8	2.671	91.0	2.4	0.6
151	11/21/2015 22:45:54	12.49	49.17	32.08	7.95		7.7	2.571	91.1	2.1	0.5
152	11/21/2015 23:00:54	12.53	49.11	32.04	7.94		7.5	2.498	91.2	2.7	0.6
153	11/21/2015 23:15:54	12.57	49.08	32.01	7.97		6.5	2.403	91.5	2.0	0.5
154	11/21/2015 23:30:54	12.59	48.94	31.91	7.99		6.7	2.318	91.7	1.4	0.3
155	11/21/2015 23:45:54	12.55	48.88	31.87	7.89		8.2	2.228	90.5	2.1	0.5
156	11/22/2015 00:00:54	12.55	48.88	31.87	7.87		7.3	2.137	90.2	1.3	0.3
157	11/22/2015 00:15:54	12.51	48.93	31.90	7.80		7.5	2.060	89.5	1.6	0.4
158	11/22/2015 00:30:54	12.55	48.85	31.85	7.83		6.9	1.965	89.8	2.2	0.5
159	11/22/2015 00:45:53	12.57	48.81	31.82	7.82		6.0	1.907	89.7	2.0	0.5
160	11/22/2015 01:00:53	12.58	48.76	31.78	7.78		6.0	1.838	89.3	2.6	0.6
161	11/22/2015 01:15:54	12.60	48.72	31.75	7.77		5.4	1.791	89.2	1.5	0.4
162	11/22/2015 01:30:53	12.65	48.58	31.65	7.80		5.5	1.764	89.5	2.4	0.6
163	11/22/2015 01:45:53	12.69	48.53	31.62	7.80		4.6	1.731	89.5	2.1	0.5
164	11/22/2015 02:00:53	12.70	48.44	31.56	7.89		4.7	1.762	90.6	1.9	0.5
165	11/22/2015 02:15:53	12.68	48.50	31.59	7.86		5.0	1.784	90.3	2.6	0.6
166	11/22/2015 02:30:53	12.65	48.55	31.63	7.84		5.1	1.811	90.0	1.9	0.5
167	11/22/2015 02:45:54	12.65	48.55	31.63	7.87		5.4	1.879	90.3	2.4	0.6
168	11/22/2015 03:00:54	12.64	48.43	31.54	7.84		5.8	1.956	89.9	1.7	0.4
169	11/22/2015 03:15:53	12.64	48.38	31.51	7.81		6.4	2.027	89.5	2.8	0.7
170	11/22/2015 03:30:54	12.64	48.22	31.39	7.80		6.6	2.110	89.4	2.0	0.5
171	11/22/2015 03:45:53	12.61	48.52	31.61	7.81		7.2	2.194	89.5	2.4	0.6
172	11/22/2015 04:00:53	12.57	48.70	31.73	7.83		6.9	2.287	89.7	2.1	0.5
173	11/22/2015 04:15:53	12.52	48.88	31.87	7.84		6.6	2.362	89.8	2.1	0.5
174	11/22/2015 04:30:54	12.45	49.08	32.01	7.87		6.3	2.454	90.1	1.8	0.4
175	11/22/2015 04:45:54	12.42	49.18	32.08	7.89		6.1	2.548	90.3	2.3	0.6
176	11/22/2015 05:00:53	12.41	49.23	32.12	7.90		7.6	2.636	90.4	2.2	0.5
177	11/22/2015 05:15:54	12.37	49.33	32.19	7.91		8.0	2.727	90.5	1.7	0.4
178	11/22/2015 05:30:53	12.34	49.42	32.25	7.91		11.4	2.819	90.5	2.4	0.6
179	11/22/2015 05:45:53	12.31	49.47	32.29	7.92		11.0	2.915	90.6	2.0	0.5
180	11/22/2015 06:00:54	12.25	49.58	32.36	7.93		14.0	3.011	90.7	1.7	0.4
181	11/22/2015 06:15:54	12.17	49.71	32.46	7.95		14.2	3.111	90.8	2.6	0.6
182	11/22/2015 06:30:54	12.11	49.85	32.55	7.96		14.5	3.215	90.8	2.4	0.6
183	11/22/2015 06:45:54	12.02	50.01	32.66	7.95		14.7	3.314	90.7	2.0	0.5
184	11/22/2015 07:00:54	11.95	50.13	32.75	7.93		14.7	3.416	90.3	2.4	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
185	11/22/2015 07:15:54	11.92	50.22	32.81	7.90		14.7	3.506	89.9	2.2	0.5
186	11/22/2015 07:30:54	11.90	50.26	32.84	7.88		9.4	3.590	89.6	2.0	0.5
187	11/22/2015 07:45:54	11.89	50.28	32.85	7.86		7.5	3.667	89.4	2.3	0.5
188	11/22/2015 08:00:53	11.87	50.31	32.87	7.85		6.2	3.735	89.3	2.1	0.5
189	11/22/2015 08:15:53	11.88	50.31	32.87	7.82		4.5	3.769	89.0	1.5	0.4
190	11/22/2015 08:30:54	11.88	50.32	32.88	7.82		3.6	3.807	89.0	2.8	0.7
191	11/22/2015 08:45:54	11.93	50.17	32.78	7.79		4.4	3.816	88.7	1.4	0.3
192	11/22/2015 09:00:53	11.90	50.28	32.85	7.76		4.7	3.797	88.3	1.5	0.4
193	11/22/2015 09:15:54	11.92	50.23	32.82	7.77		7.1	3.750	88.5	2.0	0.5
194	11/22/2015 09:30:54	11.91	50.25	32.83	7.80		5.6	3.690	88.9	1.9	0.4
195	11/22/2015 09:45:54	11.97	50.20	32.80	7.87		6.7	3.610	89.7	1.9	0.4
196	11/22/2015 10:00:53	12.00	50.20	32.80	7.93		4.7	3.505	90.5	1.6	0.4
197	11/22/2015 10:15:54	12.06	50.05	32.70	7.93		5.3	3.397	90.5	1.8	0.4
198	11/22/2015 10:30:54	12.13	49.84	32.55	7.92		8.1	3.284	90.4	2.1	0.5
199	11/22/2015 10:45:53	12.12	49.86	32.56	7.91		10.0	3.165	90.3	2.7	0.6
200	11/22/2015 11:00:54	12.17	49.81	32.52	7.91		7.4	3.045	90.4	1.9	0.4
201	11/22/2015 11:15:54	12.23	49.75	32.48	7.93		5.7	2.937	90.6	2.5	0.6
202	11/22/2015 11:30:54	12.32	49.64	32.41	7.97		7.1	2.818	91.2	2.0	0.5
203	11/22/2015 11:45:54	12.36	49.57	32.36	7.98		8.9	2.700	91.4	1.7	0.4
204	11/22/2015 12:00:54	12.43	49.43	32.26	8.00		8.6	2.581	91.8	2.6	0.6
205	11/22/2015 12:15:54	12.43	49.75	32.49	8.08		5.9	2.466	92.8	1.5	0.4
206	11/22/2015 12:30:53	12.50	49.52	32.33	8.06		6.6	2.341	92.6	2.1	0.5
207	11/22/2015 12:45:53	12.59	49.38	32.23	8.07		6.8	2.217	92.8	2.1	0.5
208	11/22/2015 13:00:53	12.71	49.34	32.21	8.13		8.6	2.092	93.7	1.4	0.3
209	11/22/2015 13:15:53	12.75	49.05	32.00	8.13		7.8	1.973	93.7	2.1	0.5
210	11/22/2015 13:30:53	12.86	49.06	32.01	8.22		7.6	1.863	95.0	2.5	0.6
211	11/22/2015 13:45:53	12.93	48.95	31.93	8.27		6.7	1.745	95.7	2.1	0.5
212	11/22/2015 14:00:53	12.93	48.80	31.83	8.22		6.5	1.649	95.0	1.4	0.3
213	11/22/2015 14:15:54	12.94	48.72	31.76	8.14		6.8	1.569	94.1	2.8	0.7
214	11/22/2015 14:30:53	13.06	48.69	31.75	8.26		6.8	1.493	95.7	2.0	0.5
215	11/22/2015 14:45:53	13.05	48.58	31.67	8.18		5.9	1.484	94.6	2.2	0.5
216	11/22/2015 15:00:53	13.07	48.50	31.61	8.14		4.7	1.456	94.2	2.3	0.5
217	11/22/2015 15:15:53	13.12	48.50	31.62	8.19		5.4	1.453	94.8	2.5	0.6
218	11/22/2015 15:30:53	13.02	48.50	31.61	8.14		5.6	1.530	94.1	2.1	0.5
219	11/22/2015 15:45:54	12.99	48.47	31.59	8.07		5.6	1.574	93.2	2.0	0.5
220	11/22/2015 16:00:54	12.96	48.49	31.60	8.06		5.3	1.646	93.0	2.2	0.5
221	11/22/2015 16:15:53	13.01	48.10	31.32	8.01		6.6	1.724	92.4	1.5	0.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
222	11/22/2015 16:30:54	12.98	48.19	31.39	7.99		6.4	1.824	92.2	1.5	0.3
223	11/22/2015 16:45:53	12.93	48.27	31.44	7.97		7.6	1.915	91.8	2.0	0.5
224	11/22/2015 17:00:54	12.89	48.47	31.58	7.97		6.5	1.996	91.9	2.6	0.6
225	11/22/2015 17:15:53	12.81	48.66	31.72	7.96		6.6	2.084	91.7	2.8	0.7
226	11/22/2015 17:30:53	12.72	48.86	31.86	7.94		5.9	2.164	91.4	1.9	0.4
227	11/22/2015 17:45:53	12.63	49.04	31.99	7.91		6.1	2.256	90.9	1.7	0.4
228	11/22/2015 18:00:53	12.59	49.14	32.06	7.90		5.7	2.339	90.8	1.9	0.4
229	11/22/2015 18:15:53	12.57	49.19	32.09	7.90		6.5	2.419	90.7	1.6	0.4
230	11/22/2015 18:30:54	12.56	49.22	32.11	7.89		6.7	2.505	90.7	1.7	0.4
231	11/22/2015 18:45:54	12.51	49.29	32.16	7.90		7.2	2.587	90.7	1.7	0.4
232	11/22/2015 19:00:54	12.47	49.33	32.19	7.90		7.3	2.670	90.7	1.8	0.4
233	11/22/2015 19:15:53	12.45	49.37	32.22	7.90		6.7	2.743	90.6	2.3	0.6
234	11/22/2015 19:30:54	12.43	49.41	32.25	7.90		8.9	2.833	90.6	3.2	0.8
235	11/22/2015 19:45:54	12.38	49.51	32.32	7.92		9.4	2.913	90.8	2.1	0.5
236	11/22/2015 20:00:53	12.34	49.61	32.38	7.91		9.5	2.984	90.6	2.7	0.7
237	11/22/2015 20:15:54	12.26	49.76	32.50	7.87		7.3	3.063	90.0	2.4	0.6
238	11/22/2015 20:30:53	12.17	49.91	32.60	7.83		6.6	3.136	89.5	2.1	0.5
239	11/22/2015 20:45:53	12.12	50.01	32.67	7.79		8.6	3.193	89.0	1.2	0.3
240	11/22/2015 21:00:53	12.09	50.06	32.70	7.77		4.6	3.237	88.7	1.4	0.3
241	11/22/2015 21:15:53	12.07	50.09	32.72	7.76		4.2	3.278	88.5	2.2	0.5
242	11/22/2015 21:30:54	12.07	50.11	32.74	7.72		3.1	3.286	88.1	2.6	0.6
243	11/22/2015 21:45:54	12.10	50.05	32.70	7.70		4.2	3.273	87.9	1.4	0.3
244	11/22/2015 22:00:53	12.11	50.03	32.69	7.69		5.2	3.251	87.8	1.8	0.4
245	11/22/2015 22:15:53	12.09	50.06	32.70	7.69		5.2	3.202	87.8	2.1	0.5
246	11/22/2015 22:30:54	12.20	49.85	32.56	7.72		7.2	3.121	88.3	2.1	0.5
247	11/22/2015 22:45:54	12.31	49.62	32.39	7.78		8.6	3.035	89.1	2.5	0.6
248	11/22/2015 23:00:54	12.26	49.72	32.46	7.80		7.4	2.955	89.2	2.2	0.5
249	11/22/2015 23:15:54	12.39	49.45	32.27	7.80		8.4	2.863	89.4	2.3	0.5
250	11/22/2015 23:30:54	12.45	49.35	32.21	7.79		8.5	2.759	89.3	1.9	0.4
251	11/22/2015 23:45:54	12.50	49.23	32.12	7.75		6.5	2.675	89.0	2.2	0.5
252	11/23/2015 00:00:54	12.49	49.28	32.15	7.79		6.6	2.595	89.4	2.0	0.5
253	11/23/2015 00:15:54	12.57	49.13	32.05	7.76		7.3	2.493	89.2	2.0	0.5
254	11/23/2015 00:30:53	12.57	49.12	32.04	7.77		6.2	2.400	89.3	2.6	0.6
255	11/23/2015 00:45:53	12.57	49.11	32.03	7.76		6.7	2.311	89.1	2.1	0.5
256	11/23/2015 01:00:54	12.52	49.13	32.04	7.75		7.4	2.224	88.9	1.2	0.3
257	11/23/2015 01:15:53	12.56	49.02	31.97	7.75		7.4	2.146	89.0	2.5	0.6
258	11/23/2015 01:30:53	12.57	48.91	31.89	7.74		6.9	2.057	88.8	2.5	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
259	11/23/2015 01:45:53	12.56	48.95	31.92	7.71		6.6	1.974	88.5	1.6	0.4
260	11/23/2015 02:00:54	12.62	48.83	31.84	7.71		6.2	1.933	88.5	1.5	0.4
261	11/23/2015 02:15:54	12.64	48.77	31.79	7.68		6.0	1.886	88.2	1.7	0.4
262	11/23/2015 02:30:54	12.66	48.69	31.73	7.68		5.5	1.837	88.2	2.3	0.5
263	11/23/2015 02:45:53	12.69	48.62	31.69	7.71		5.0	1.836	88.5	2.0	0.5
264	11/23/2015 03:00:53	12.71	48.50	31.60	7.75		5.1	1.846	89.0	1.8	0.4
265	11/23/2015 03:15:53	12.67	48.63	31.69	7.72		5.4	1.870	88.7	2.1	0.5
266	11/23/2015 03:30:53	12.67	48.64	31.69	7.73		5.4	1.909	88.8	1.9	0.4
267	11/23/2015 03:45:53	12.65	48.65	31.71	7.75		5.4	1.980	89.0	1.8	0.4
268	11/23/2015 04:00:53	12.67	48.38	31.51	7.74		8.9	2.058	88.8	1.9	0.5
269	11/23/2015 04:15:53	12.66	48.33	31.47	7.73		7.2	2.140	88.6	1.4	0.3
270	11/23/2015 04:30:53	12.61	48.68	31.73	7.73		7.5	2.240	88.7	1.4	0.3
271	11/23/2015 04:45:53	12.57	48.89	31.88	7.73		7.8	2.327	88.7	1.9	0.5
272	11/23/2015 05:00:54	12.52	49.04	31.98	7.73		7.3	2.421	88.7	1.6	0.4
273	11/23/2015 05:15:54	12.45	49.21	32.10	7.77		7.1	2.504	89.0	2.3	0.5
274	11/23/2015 05:30:54	12.43	49.30	32.17	7.78		6.0	2.600	89.2	2.4	0.6
275	11/23/2015 05:45:54	12.43	49.34	32.20	7.78		8.2	2.689	89.2	2.1	0.5
276	11/23/2015 06:00:54	12.39	49.41	32.25	7.77		9.5	2.784	89.1	1.5	0.4
277	11/23/2015 06:15:53	12.32	49.55	32.35	7.76		10.5	2.887	88.8	2.4	0.6
278	11/23/2015 06:30:54	12.29	49.61	32.39	7.75		10.8	2.979	88.7	1.9	0.5
279	11/23/2015 06:45:53	12.18	49.78	32.51	7.74		13.3	3.093	88.4	2.5	0.6
280	11/23/2015 07:00:54	12.09	49.93	32.61	7.73		13.1	3.198	88.2	1.4	0.3
281	11/23/2015 07:15:53	11.99	50.09	32.72	7.70		14.0	3.310	87.7	2.0	0.5
282	11/23/2015 07:30:53	11.89	50.26	32.84	7.65		15.9	3.417	87.0	2.3	0.5
283	11/23/2015 07:45:53	11.78	50.39	32.93	7.56		14.8	3.517	85.9	2.8	0.7
284	11/23/2015 08:00:53	11.75	50.42	32.95	7.50		13.5	3.615	85.2	1.9	0.4
285	11/23/2015 08:15:53	11.70	50.48	32.99	7.47		9.7	3.707	84.7	2.1	0.5
286	11/23/2015 08:30:54	11.69	50.53	33.02	7.45		5.9	3.787	84.5	2.2	0.5
287	11/23/2015 08:45:53	11.67	50.55	33.04	7.44		5.2	3.844	84.4	1.2	0.3
288	11/23/2015 09:00:53	11.65	50.57	33.06	7.42		4.6	3.896	84.1	1.8	0.4
289	11/23/2015 09:15:53	11.63	50.60	33.07	7.41		3.2	3.934	84.0	1.4	0.3
290	11/23/2015 09:30:53	11.63	50.60	33.07	7.34		2.5	3.943	83.2	1.8	0.4
291	11/23/2015 09:45:53	11.68	50.52	33.02	7.36		3.9	3.928	83.5	1.9	0.5
292	11/23/2015 10:00:53	11.71	50.47	32.98	7.43		7.2	3.896	84.3	2.3	0.6
293	11/23/2015 10:15:53	11.69	50.53	33.02	7.41		4.3	3.834	84.1	1.4	0.3
294	11/23/2015 10:30:54	11.75	50.47	32.99	7.46		6.7	3.733	84.8	1.2	0.3
295	11/23/2015 10:45:53	11.78	50.52	33.02	7.55		5.3	3.638	85.8	1.7	0.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
296	11/23/2015 11:00:53	11.87	50.32	32.88	7.57		5.8	3.525	86.2	1.8	0.4
297	11/23/2015 11:15:53	12.03	49.99	32.65	7.68		9.4	3.404	87.5	2.2	0.5
298	11/23/2015 11:30:53	12.01	50.00	32.66	7.68		8.7	3.273	87.5	2.6	0.6
299	11/23/2015 11:45:53	12.02	50.03	32.68	7.69		7.9	3.150	87.6	2.2	0.5
300	11/23/2015 12:00:53	12.09	49.97	32.64	7.71		5.4	3.019	87.9	1.8	0.4
301	11/23/2015 12:15:53	12.17	49.87	32.57	7.77		7.9	2.885	88.8	1.9	0.5
302	11/23/2015 12:30:54	12.21	49.77	32.50	7.77		7.6	2.751	88.9	2.2	0.5
303	11/23/2015 12:45:53	12.21	49.80	32.52	7.79		7.0	2.620	89.1	1.4	0.3
304	11/23/2015 13:00:53	12.29	49.63	32.40	7.81		7.4	2.472	89.4	1.3	0.3
305	11/23/2015 13:15:54	12.32	49.72	32.46	7.85		6.4	2.347	90.0	1.8	0.4
306	11/23/2015 13:30:54	12.46	49.48	32.30	7.89		8.1	2.202	90.6	2.5	0.6
307	11/23/2015 13:45:53	12.58	49.33	32.19	7.93		8.9	2.074	91.2	2.4	0.6
308	11/23/2015 14:00:53	12.67	49.23	32.13	7.96		9.4	1.933	91.7	1.7	0.4
309	11/23/2015 14:15:54	12.75	49.15	32.07	7.98		10.0	1.771	92.0	1.7	0.4
310	11/23/2015 14:30:54	12.83	49.07	32.01	8.04		9.5	1.672	92.8	2.4	0.6
311	11/23/2015 14:45:53	12.84	49.01	31.97	8.06		8.7	1.542	93.0	2.6	0.6
312	11/23/2015 15:00:54	12.83	48.88	31.88	7.99		8.4	1.445	92.2	2.5	0.6
313	11/23/2015 15:15:53	12.86	48.81	31.83	8.02		8.3	1.345	92.6	2.8	0.7
314	11/23/2015 15:30:54	12.89	48.75	31.79	8.02		10.2	1.285	92.6	2.8	0.7
315	11/23/2015 15:45:54	12.94	48.69	31.74	8.08		9.2	1.234	93.3	2.7	0.6
316	11/23/2015 16:00:53	12.94	48.64	31.71	8.00		7.7	1.248	92.4	2.9	0.7
317	11/23/2015 16:15:54	12.92	48.70	31.75	8.06		7.6	1.292	93.1	2.6	0.6
318	11/23/2015 16:30:53	12.88	48.69	31.75	8.01		5.9	1.328	92.4	2.4	0.6
319	11/23/2015 16:45:54	12.86	48.63	31.70	7.98		6.9	1.402	92.0	2.0	0.5
320	11/23/2015 17:00:54	12.85	48.43	31.55	7.95		8.7	1.498	91.5	2.9	0.7
321	11/23/2015 17:15:53	12.85	48.19	31.38	7.90		8.6	1.599	90.9	2.8	0.7
322	11/23/2015 17:30:54	12.84	48.04	31.27	7.87		8.7	1.697	90.5	3.4	0.8
323	11/23/2015 17:45:53	12.80	48.51	31.61	7.88		9.0	1.784	90.7	2.5	0.6
324	11/23/2015 18:00:53	12.78	48.64	31.70	7.87		8.1	1.890	90.6	3.1	0.7
325	11/23/2015 18:15:53	12.71	48.81	31.82	7.83		8.1	1.989	90.1	1.9	0.4
326	11/23/2015 18:30:53	12.63	48.99	31.95	7.81		7.6	2.082	89.7	1.7	0.4
327	11/23/2015 18:45:54	12.57	49.15	32.07	7.79		7.9	2.201	89.5	1.9	0.5
328	11/23/2015 19:00:54	12.55	49.21	32.11	7.79		7.0	2.289	89.5	3.1	0.7
329	11/23/2015 19:15:54	12.55	49.24	32.13	7.78		7.6	2.377	89.4	2.6	0.6
330	11/23/2015 19:30:54	12.50	49.29	32.17	7.76		9.0	2.483	89.1	2.2	0.5
331	11/23/2015 19:45:54	12.44	49.37	32.21	7.74		9.4	2.577	88.8	2.5	0.6
332	11/23/2015 20:00:54	12.41	49.41	32.24	7.73		10.8	2.669	88.6	2.6	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
333	11/23/2015 20:15:54	12.34	49.52	32.32	7.74		10.5	2.766	88.6	3.2	0.8
334	11/23/2015 20:30:54	12.28	49.65	32.41	7.71		13.3	2.849	88.3	2.4	0.6
335	11/23/2015 20:45:54	12.20	49.78	32.51	7.70		10.5	2.955	88.0	2.7	0.6
336	11/23/2015 21:00:54	12.10	49.98	32.65	7.69		12.0	3.036	87.8	3.4	0.8
337	11/23/2015 21:15:54	12.05	50.08	32.72	7.66		12.6	3.121	87.4	2.2	0.5
338	11/23/2015 21:30:54	12.03	50.13	32.76	7.67		14.5	3.205	87.5	2.3	0.5
339	11/23/2015 21:45:54	11.97	50.24	32.83	7.70		9.2	3.264	87.8	2.2	0.5
340	11/23/2015 22:00:53	11.94	50.27	32.85	7.68		8.4	3.314	87.5	2.4	0.6
341	11/23/2015 22:15:53	11.92	50.31	32.88	7.65		6.7	3.355	87.2	2.4	0.6
342	11/23/2015 22:30:53	11.90	50.31	32.88	7.64		4.3	3.389	87.0	1.8	0.4
343	11/23/2015 22:45:54	11.96	50.26	32.84	7.52		6.4	3.371	85.7	2.3	0.6
344	11/23/2015 23:00:53	11.96	50.24	32.83	7.50		6.9	3.343	85.5	1.5	0.3
345	11/23/2015 23:15:53	11.93	50.29	32.86	7.51		5.8	3.294	85.5	2.0	0.5
346	11/23/2015 23:30:53	12.11	49.90	32.59	7.54		6.5	3.230	86.0	1.8	0.4
347	11/23/2015 23:45:53	12.11	49.85	32.55	7.59		6.9	3.147	86.6	2.3	0.6
348	11/24/2015 00:00:53	12.02	50.09	32.72	7.64		5.7	3.045	87.1	1.9	0.5
349	11/24/2015 00:15:53	12.14	49.82	32.53	7.59		7.6	2.948	86.6	2.5	0.6
350	11/24/2015 00:30:54	12.24	49.61	32.38	7.57		7.4	2.858	86.6	1.9	0.4
351	11/24/2015 00:45:54	12.24	49.61	32.38	7.59		8.5	2.774	86.7	2.7	0.6
352	11/24/2015 01:00:53	12.27	49.51	32.31	7.61		7.7	2.665	87.0	2.1	0.5
353	11/24/2015 01:15:54	12.32	49.42	32.25	7.60		6.7	2.576	87.0	2.2	0.5
354	11/24/2015 01:30:54	12.32	49.42	32.25	7.64		7.0	2.498	87.4	2.4	0.6
355	11/24/2015 01:45:54	12.35	49.31	32.17	7.64		6.4	2.408	87.4	2.0	0.5
356	11/24/2015 02:00:54	12.33	49.31	32.17	7.68		6.7	2.326	87.9	2.7	0.6
357	11/24/2015 02:15:53	12.33	49.25	32.12	7.70		6.5	2.242	88.0	1.8	0.4
358	11/24/2015 02:30:54	12.35	49.18	32.07	7.70		6.9	2.166	88.0	1.8	0.4
359	11/24/2015 02:45:54	12.39	49.07	31.99	7.69		6.5	2.104	88.0	1.9	0.5
360	11/24/2015 03:00:54	12.40	48.96	31.92	7.68		6.2	2.063	87.9	1.9	0.4
361	11/24/2015 03:15:54	12.43	48.82	31.82	7.66		5.8	2.014	87.6	1.2	0.3
362	11/24/2015 03:30:54	12.44	48.74	31.76	7.68		6.1	1.984	87.8	1.4	0.3
363	11/24/2015 03:45:54	12.46	48.64	31.69	7.67		5.3	1.987	87.7	2.8	0.7
364	11/24/2015 04:00:54	12.43	48.80	31.80	7.67		5.6	1.993	87.7	2.5	0.6
365	11/24/2015 04:15:54	12.40	48.85	31.84	7.67		6.2	2.036	87.7	2.2	0.5
366	11/24/2015 04:30:54	12.40	48.89	31.86	7.68		5.7	2.131	87.8	2.3	0.5
367	11/24/2015 04:45:54	12.40	48.92	31.89	7.68		7.3	2.202	87.8	2.6	0.6
368	11/24/2015 05:00:54	12.39	48.92	31.89	7.69		6.2	2.285	87.9	2.4	0.6
369	11/24/2015 05:15:53	12.37	48.93	31.90	7.68		7.3	2.364	87.8	1.6	0.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
370	11/24/2015 05:30:54	12.35	49.02	31.96	7.67		7.3	2.442	87.6	1.3	0.3
371	11/24/2015 05:45:53	12.30	49.14	32.05	7.65		6.9	2.529	87.4	1.4	0.3
372	11/24/2015 06:00:53	12.22	49.37	32.21	7.66		7.4	2.623	87.4	2.2	0.5
373	11/24/2015 06:15:54	12.16	49.54	32.33	7.70		8.1	2.688	87.8	1.6	0.4
374	11/24/2015 06:30:54	12.15	49.53	32.32	7.71		8.9	2.780	88.0	1.8	0.4
375	11/24/2015 06:45:53	12.16	49.48	32.29	7.74		11.3	2.888	88.2	1.4	0.3
376	11/24/2015 07:00:54	12.14	49.51	32.31	7.75		11.6	2.992	88.4	2.1	0.5
377	11/24/2015 07:15:53	12.04	49.63	32.39	7.78		14.8	3.094	88.6	2.9	0.7
378	11/24/2015 07:30:53	11.96	49.78	32.50	7.78		17.7	3.216	88.5	2.7	0.7
379	11/24/2015 07:45:54	11.86	49.95	32.61	7.79		13.6	3.334	88.4	2.5	0.6
380	11/24/2015 08:00:54	11.73	50.16	32.76	7.80		18.3	3.443	88.5	2.5	0.6
381	11/24/2015 08:15:54	11.64	50.34	32.88	7.78		14.5	3.560	88.1	1.8	0.4
382	11/24/2015 08:30:54	11.57	50.40	32.92	7.78		12.3	3.678	88.0	1.9	0.5
383	11/24/2015 08:45:54	11.52	50.44	32.95	7.76		12.8	3.769	87.7	2.5	0.6
384	11/24/2015 09:00:54	11.50	50.49	32.98	7.73		8.1	3.867	87.3	1.6	0.4
385	11/24/2015 09:15:54	11.48	50.55	33.03	7.69		7.6	3.948	86.8	2.6	0.6
386	11/24/2015 09:30:54	11.47	50.58	33.05	7.66		5.8	4.016	86.6	1.8	0.4
387	11/24/2015 09:45:54	11.47	50.61	33.07	7.65		4.0	4.052	86.4	1.6	0.4
388	11/24/2015 10:00:54	11.48	50.55	33.03	7.65		3.4	4.072	86.4	2.2	0.5
389	11/24/2015 10:15:54	11.58	50.32	32.87	7.69		5.4	4.087	86.9	1.2	0.3
390	11/24/2015 10:30:54	11.72	50.17	32.77	7.80		5.6	4.078	88.4	1.0	0.2
391	11/24/2015 10:45:53	11.59	50.32	32.87	7.74		6.5	4.009	87.6	1.8	0.4
392	11/24/2015 11:00:53	11.61	50.35	32.89	7.75		5.6	3.956	87.7	1.6	0.4
393	11/24/2015 11:15:53	11.64	50.50	33.00	7.81		6.7	3.842	88.5	2.1	0.5
394	11/24/2015 11:30:53	11.67	50.40	32.93	7.81		5.0	3.730	88.5	1.5	0.4
395	11/24/2015 11:45:53	11.76	50.13	32.74	7.87		5.3	3.620	89.3	2.2	0.5
396	11/24/2015 12:00:53	11.75	49.94	32.60	7.90		8.7	3.490	89.5	2.6	0.6
397	11/24/2015 12:15:54	11.76	49.89	32.56	7.91		7.6	3.359	89.6	2.2	0.5
398	11/24/2015 12:30:53	11.85	49.75	32.46	7.93		8.5	3.225	89.9	2.5	0.6
399	11/24/2015 12:45:54	11.88	49.74	32.46	7.91		8.6	3.093	89.7	2.8	0.7
400	11/24/2015 13:00:54	11.96	49.67	32.41	7.91		9.1	2.960	89.9	2.5	0.6
401	11/24/2015 13:15:54	12.03	49.61	32.37	7.91		8.7	2.813	90.1	2.4	0.6
402	11/24/2015 13:30:54	12.05	49.50	32.29	7.91		11.1	2.655	90.0	2.1	0.5
403	11/24/2015 13:45:54	12.00	49.65	32.40	7.94		10.2	2.542	90.3	2.6	0.6
404	11/24/2015 14:00:53	12.09	49.43	32.25	7.91		13.1	2.389	90.0	1.6	0.4
405	11/24/2015 14:15:54	12.11	49.42	32.24	7.94		12.5	2.212	90.4	2.1	0.5
406	11/24/2015 14:30:54	12.22	49.20	32.08	7.92		18.0	2.079	90.3	2.3	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
407	11/24/2015 14:45:54	12.24	48.87	31.85	7.94		25.8	1.920	90.5	2.9	0.7
408	11/24/2015 15:00:54	12.19	48.96	31.91	8.03		21.9	1.779	91.4	3.2	0.8
409	11/24/2015 15:15:54	12.19	48.70	31.72	8.03		26.0	1.635	91.3	3.4	0.8
410	11/24/2015 15:30:54	12.18	48.62	31.66	8.01		24.7	1.493	91.1	3.0	0.7
411	11/24/2015 15:45:54	12.18	48.52	31.59	8.00		24.1	1.345	90.9	3.4	0.8
412	11/24/2015 16:00:54	12.18	48.53	31.60	7.99		22.7	1.261	90.8	2.8	0.7
413	11/24/2015 16:15:54	12.17	48.52	31.59	7.98		22.8	1.169	90.6	2.7	0.6
414	11/24/2015 16:30:54	12.14	48.49	31.57	7.97		24.2	1.105	90.5	2.8	0.7
415	11/24/2015 16:45:54	12.10	48.33	31.45	7.96		22.5	1.101	90.2	4.5	1.1
416	11/24/2015 17:00:54	12.08	48.32	31.44	7.97		22.1	1.099	90.2	2.9	0.7
417	11/24/2015 17:15:54	12.11	48.31	31.43	7.98		15.9	1.136	90.4	2.7	0.6
418	11/24/2015 17:30:54	12.11	48.29	31.42	7.98		16.6	1.191	90.4	2.7	0.6
419	11/24/2015 17:45:53	12.10	48.23	31.38	7.99		16.0	1.290	90.4	2.5	0.6
420	11/24/2015 18:00:54	12.08	47.86	31.11	7.99		18.4	1.408	90.3	3.0	0.7
421	11/24/2015 18:15:54	12.11	47.81	31.08	7.98		17.5	1.519	90.2	2.3	0.5
422	11/24/2015 18:30:54	12.10	47.45	30.81	7.98		18.2	1.636	90.1	3.5	0.8
423	11/24/2015 18:45:54	12.10	47.65	30.96	7.98		18.3	1.732	90.1	2.9	0.7
424	11/24/2015 19:00:54	12.10	47.77	31.04	7.97		19.4	1.835	90.0	3.8	0.9
425	11/24/2015 19:15:54	12.13	48.17	31.34	7.93		17.5	1.942	89.9	3.1	0.7
426	11/24/2015 19:30:54	12.13	48.59	31.64	7.90		16.2	2.065	89.7	3.1	0.7
427	11/24/2015 19:45:54	12.07	48.72	31.73	7.92		14.5	2.181	89.8	1.9	0.4
428	11/24/2015 20:00:54	12.02	48.74	31.74	7.93		13.4	2.290	89.9	2.0	0.5
429	11/24/2015 20:15:54	12.02	48.71	31.72	7.92		14.4	2.411	89.7	2.5	0.6
430	11/24/2015 20:30:54	12.03	49.02	31.95	7.89		17.2	2.487	89.6	2.6	0.6
431	11/24/2015 20:45:54	12.02	49.10	32.00	7.87		18.7	2.614	89.3	2.8	0.7
432	11/24/2015 21:00:54	11.96	49.17	32.05	7.88		19.7	2.729	89.4	2.4	0.6
433	11/24/2015 21:15:54	11.87	49.29	32.14	7.91		21.7	2.813	89.6	3.2	0.8
434	11/24/2015 21:30:54	11.80	49.44	32.24	7.94		17.2	2.924	89.8	3.4	0.8
435	11/24/2015 21:45:54	11.73	49.64	32.38	8.10		18.4	3.028	91.6	2.9	0.7
436	11/24/2015 22:00:54	11.67	49.83	32.51	8.23		16.7	3.138	93.0	2.5	0.6
437	11/24/2015 22:15:53	11.63	49.98	32.63	8.37		17.7	3.211	94.7	2.9	0.7
438	11/24/2015 22:30:54	11.59	50.13	32.73	8.44		13.9	3.283	95.4	2.2	0.5
439	11/24/2015 22:45:54	11.58	50.17	32.76	8.46		9.9	3.332	95.6	2.5	0.6
440	11/24/2015 23:00:54	11.57	50.17	32.76	8.46		6.7	3.395	95.6	2.1	0.5
441	11/24/2015 23:15:54	11.58	50.17	32.76	8.47		6.1	3.447	95.7	2.0	0.5
442	11/24/2015 23:30:54	11.58	50.09	32.70	8.41		6.4	3.447	95.0	2.3	0.6
443	11/24/2015 23:45:54	11.58	50.13	32.73	8.42		6.9	3.421	95.1	1.9	0.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
444	11/25/2015 00:00:54	11.56	49.98	32.62	8.34		8.2	3.412	94.2	1.6	0.4
445	11/25/2015 00:15:53	11.54	49.78	32.47	8.25		8.4	3.324	92.9	1.9	0.5
446	11/25/2015 00:30:54	11.49	49.53	32.29	8.10		11.6	3.257	91.1	2.7	0.6
447	11/25/2015 00:45:53	11.45	49.79	32.48	8.30		7.4	3.171	93.3	2.4	0.6
448	11/25/2015 01:00:53	11.48	49.82	32.50	8.27		8.5	3.076	93.1	1.4	0.3
449	11/25/2015 01:15:53	11.55	49.51	32.28	8.10		11.3	2.988	91.1	2.4	0.6
450	11/25/2015 01:30:54	11.56	49.44	32.23	8.01		11.2	2.907	90.2	2.1	0.5
451	11/25/2015 01:45:53	11.56	49.40	32.20	7.97		9.5	2.821	89.7	1.6	0.4
452	11/25/2015 02:00:54	11.54	49.28	32.11	7.93		8.9	2.722	89.1	1.6	0.4
453	11/25/2015 02:15:54	11.56	49.17	32.03	7.85		9.4	2.634	88.2	1.7	0.4
454	11/25/2015 02:30:54	11.57	49.18	32.04	7.88		9.2	2.576	88.6	1.8	0.4
455	11/25/2015 02:45:54	11.53	49.09	31.97	7.87		10.6	2.505	88.4	2.0	0.5
456	11/25/2015 03:00:54	11.49	49.08	31.96	7.88		9.0	2.391	88.4	2.5	0.6
457	11/25/2015 03:15:53	11.44	48.97	31.88	7.91		9.4	2.328	88.6	2.1	0.5
458	11/25/2015 03:30:54	11.43	48.88	31.82	7.91		9.4	2.248	88.6	2.5	0.6
459	11/25/2015 03:45:54	11.35	48.75	31.71	7.89		10.4	2.190	88.2	2.0	0.5
460	11/25/2015 04:00:54	11.31	48.48	31.52	7.87		9.9	2.147	87.7	2.0	0.5
461	11/25/2015 04:15:54	11.20	48.38	31.45	7.86		9.6	2.097	87.4	1.8	0.4
462	11/25/2015 04:30:53	11.20	48.24	31.34	7.87		9.1	2.071	87.5	2.0	0.5
463	11/25/2015 04:45:54	11.13	48.12	31.25	7.86		9.2	2.095	87.1	1.9	0.5
464	11/25/2015 05:00:53	11.14	48.19	31.30	7.86		9.1	2.106	87.1	2.1	0.5
465	11/25/2015 05:15:53	11.18	48.35	31.42	7.84		8.9	2.115	87.1	2.2	0.5
466	11/25/2015 05:30:54	11.20	48.41	31.46	7.87		9.5	2.185	87.5	2.0	0.5
467	11/25/2015 05:45:54	11.21	48.28	31.37	7.86		10.8	2.241	87.4	1.8	0.4
468	11/25/2015 06:00:53	11.12	48.03	31.19	7.86		10.4	2.334	87.1	2.1	0.5
469	11/25/2015 06:15:54	11.29	48.45	31.50	7.85		11.8	2.451	87.4	1.8	0.4
470	11/25/2015 06:30:54	11.35	48.66	31.65	7.85		11.4	2.540	87.7	1.8	0.4
471	11/25/2015 06:45:53	11.39	48.96	31.87	7.92		10.8	2.634	88.6	1.9	0.5
472	11/25/2015 07:00:53	11.47	49.25	32.08	8.00		10.6	2.734	89.8	1.7	0.4
473	11/25/2015 07:15:53	11.49	49.29	32.12	8.02		11.6	2.845	90.0	2.0	0.5
474	11/25/2015 07:30:54	11.46	49.37	32.17	8.06		13.9	2.942	90.5	1.8	0.4
475	11/25/2015 07:45:54	11.45	49.51	32.27	8.13		16.0	3.060	91.3	1.8	0.4
476	11/25/2015 08:00:54	11.44	49.63	32.36	8.18		16.7	3.170	92.0	1.4	0.3
477	11/25/2015 08:15:54	11.39	49.82	32.49	8.30		15.5	3.279	93.2	2.7	0.6
478	11/25/2015 08:30:53	11.34	49.93	32.57	8.43		17.6	3.404	94.7	3.1	0.7
479	11/25/2015 08:45:53	11.33	50.11	32.70	8.52		20.3	3.518	95.8	2.4	0.6
480	11/25/2015 09:00:54	11.27	50.23	32.79	8.59		15.2	3.615	96.4	2.7	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
481	11/25/2015 09:15:54	11.26	50.29	32.83	8.63		17.3	3.715	96.9	2.3	0.5
482	11/25/2015 09:30:54	11.28	50.32	32.85	8.66		11.6	3.838	97.2	1.4	0.3
483	11/25/2015 09:45:54	11.28	50.36	32.88	8.67		12.3	3.926	97.5	1.6	0.4
484	11/25/2015 10:00:53	11.29	50.41	32.92	8.69		9.8	4.002	97.7	2.3	0.5
485	11/25/2015 10:15:54	11.28	50.49	32.98	8.71		10.1	4.058	97.9	1.5	0.4
486	11/25/2015 10:30:54	11.27	50.55	33.02	8.70		7.4	4.108	97.8	2.7	0.6
487	11/25/2015 10:45:54	11.28	50.54	33.01	8.67		5.5	4.140	97.5	1.9	0.4
488	11/25/2015 11:00:54	11.29	50.42	32.93	8.61		6.6	4.121	96.8	2.2	0.5
489	11/25/2015 11:15:54	11.42	50.15	32.74	8.56		8.8	4.090	96.4	2.7	0.6
490	11/25/2015 11:30:54	11.31	50.41	32.92	8.64		6.8	4.028	97.1	1.8	0.4
491	11/25/2015 11:45:54	11.35	50.40	32.91	8.66		7.2	3.955	97.5	1.8	0.4
492	11/25/2015 12:00:54	11.46	50.43	32.94	8.73		11.1	3.854	98.5	2.7	0.6
493	11/25/2015 12:15:54	11.48	50.38	32.91	8.74		10.5	3.737	98.7	1.9	0.5
494	11/25/2015 12:30:54	11.49	50.16	32.75	8.66		9.2	3.615	97.6	6.3	1.5
495	11/25/2015 12:45:53	11.36	49.86	32.52	8.47		13.6	3.481	95.1	2.5	0.6
496	11/25/2015 13:00:53	11.33	49.91	32.55	8.49		14.4	3.356	95.3	2.3	0.5
497	11/25/2015 13:15:53	11.37	49.90	32.55	8.49		18.4	3.220	95.4	2.4	0.6
498	11/25/2015 13:30:54	11.40	49.88	32.54	8.50		13.0	3.074	95.6	2.0	0.5
499	11/25/2015 13:45:54	11.49	49.86	32.53	8.50		14.6	2.921	95.7	2.8	0.7
500	11/25/2015 14:00:54	11.54	49.90	32.56	8.53		18.8	2.777	96.2	2.6	0.6
501	11/25/2015 14:15:54	11.51	49.92	32.57	8.57		18.3	2.621	96.5	2.7	0.6
502	11/25/2015 14:30:54	11.54	49.71	32.42	8.44		18.3	2.471	95.1	2.8	0.7
503	11/25/2015 14:45:54	11.55	49.32	32.14	8.34		22.5	2.308	93.8	3.7	0.9
504	11/25/2015 15:00:54	11.56	49.17	32.03	8.30		24.1	2.151	93.3	3.4	0.8
505	11/25/2015 15:15:54	11.53	48.92	31.85	8.23		25.7	1.990	92.3	3.0	0.7
506	11/25/2015 15:30:53	11.55	48.93	31.85	8.20		28.2	1.837	92.1	3.1	0.7
507	11/25/2015 15:45:54	11.55	48.92	31.85	8.20		29.7	1.658	92.1	3.0	0.7
508	11/25/2015 16:00:54	11.55	48.85	31.80	8.19		28.8	1.489	91.9	3.4	0.8
509	11/25/2015 16:15:54	11.49	48.67	31.67	8.18		27.2	1.344	91.7	2.9	0.7
510	11/25/2015 16:30:54	11.48	48.70	31.69	8.18		23.8	1.188	91.6	2.2	0.5
511	11/25/2015 16:45:53	11.44	48.53	31.56	8.13		23.9	1.058	90.9	3.3	0.8
512	11/25/2015 17:00:53	11.42	48.49	31.54	8.14		20.2	0.955	91.0	3.0	0.7
513	11/25/2015 17:15:54	11.33	48.47	31.52	8.14		20.1	0.887	90.8	2.1	0.5
514	11/25/2015 17:30:53	11.12	48.21	31.31	8.15		18.0	0.905	90.4	2.6	0.6
515	11/25/2015 17:45:53	10.97	47.85	31.05	8.12		20.4	0.938	89.6	2.6	0.6
516	11/25/2015 18:00:54	10.92	47.84	31.04	8.12		16.6	1.024	89.5	2.7	0.6
517	11/25/2015 18:15:54	10.92	47.81	31.02	8.11		20.6	1.136	89.4	2.8	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
518	11/25/2015 18:30:54	10.89	47.63	30.89	8.12		16.9	1.229	89.3	2.1	0.5
519	11/25/2015 18:45:53	10.92	46.64	30.17	8.14		16.1	1.332	89.2	3.2	0.8
520	11/25/2015 19:00:54	11.03	46.74	30.25	8.12		16.1	1.443	89.2	3.0	0.7
521	11/25/2015 19:15:54	11.11	46.91	30.38	8.11		14.9	1.527	89.4	2.5	0.6
522	11/25/2015 19:30:54	11.21	47.52	30.82	8.09		15.3	1.637	89.6	2.6	0.6
523	11/25/2015 19:45:54	11.30	47.94	31.13	8.09		27.9	1.753	89.9	3.1	0.7
524	11/25/2015 20:00:53	11.35	48.14	31.27	8.10		18.6	1.842	90.2	2.8	0.7
525	11/25/2015 20:15:53	11.42	48.40	31.47	8.10		17.7	1.968	90.5	2.3	0.5
526	11/25/2015 20:30:54	11.47	48.49	31.53	8.13		15.9	2.086	90.9	3.0	0.7
527	11/25/2015 20:45:54	11.42	48.45	31.50	8.17		17.0	2.196	91.3	2.7	0.6
528	11/25/2015 21:00:54	11.39	48.70	31.68	8.18		23.1	2.324	91.4	3.0	0.7
529	11/25/2015 21:15:53	11.37	48.67	31.66	8.19		18.3	2.434	91.5	2.8	0.7
530	11/25/2015 21:30:54	11.39	48.85	31.79	8.20		24.1	2.549	91.7	3.1	0.7
531	11/25/2015 21:45:54	11.39	48.91	31.83	8.23		24.1	2.655	92.1	2.2	0.5
532	11/25/2015 22:00:54	11.35	49.08	31.96	8.26		24.5	2.761	92.4	2.8	0.7
533	11/25/2015 22:15:54	11.36	49.38	32.18	8.35		23.9	2.864	93.6	3.4	0.8
534	11/25/2015 22:30:54	11.32	49.59	32.32	8.43		23.1	2.972	94.5	3.0	0.7
535	11/25/2015 22:45:53	11.30	49.64	32.36	8.45		21.4	3.067	94.7	3.0	0.7
536	11/25/2015 23:00:54	11.30	49.75	32.44	8.46		30.8	3.161	94.9	3.4	0.8
537	11/25/2015 23:15:54	11.31	49.97	32.60	8.53		24.4	3.264	95.7	2.9	0.7
538	11/25/2015 23:30:54	11.31	50.10	32.69	8.56		20.8	3.343	96.2	2.4	0.6
539	11/25/2015 23:45:54	11.33	50.22	32.78	8.57		16.4	3.403	96.4	3.0	0.7
540	11/26/2015 00:00:54	11.31	50.23	32.79	8.56		9.7	3.464	96.2	2.6	0.6
541	11/26/2015 00:15:54	11.33	50.32	32.86	8.56		8.7	3.502	96.3	1.6	0.4
542	11/26/2015 00:30:54	11.26	50.15	32.73	8.49		8.4	3.507	95.3	2.8	0.7
543	11/26/2015 00:45:53	11.32	50.28	32.83	8.50		7.6	3.497	95.6	2.2	0.5
544	11/26/2015 01:00:53	11.30	50.15	32.73	8.50		11.5	3.440	95.5	2.5	0.6
545	11/26/2015 01:15:54	11.04	49.63	32.34	8.38		11.0	3.379	93.3	1.8	0.4
546	11/26/2015 01:30:54	10.96	49.63	32.33	8.41		10.7	3.282	93.5	2.1	0.5
547	11/26/2015 01:45:53	11.14	50.05	32.65	8.51		9.2	3.187	95.2	1.8	0.4
548	11/26/2015 02:00:54	11.01	49.56	32.29	8.41		11.1	3.098	93.6	2.5	0.6
549	11/26/2015 02:15:54	11.04	49.46	32.22	8.33		12.6	2.994	92.7	2.1	0.5
550	11/26/2015 02:30:54	11.03	49.42	32.18	8.30		12.8	2.892	92.3	1.9	0.4
551	11/26/2015 02:45:54	11.02	49.39	32.16	8.28		11.7	2.790	92.1	1.9	0.5
552	11/26/2015 03:00:54	10.96	49.20	32.02	8.22		9.0	2.708	91.3	2.0	0.5
553	11/26/2015 03:15:54	10.89	49.05	31.91	8.17		8.9	2.621	90.5	2.1	0.5
554	11/26/2015 03:30:53	10.84	49.09	31.93	8.22		8.7	2.526	90.9	2.4	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
555	11/26/2015 03:45:54	10.88	48.89	31.79	8.20		11.1	2.456	90.7	2.7	0.6
556	11/26/2015 04:00:53	10.81	48.77	31.70	8.21		9.2	2.375	90.6	3.1	0.7
557	11/26/2015 04:15:54	10.64	48.48	31.48	8.16		9.3	2.297	89.7	1.8	0.4
558	11/26/2015 04:30:53	10.48	48.34	31.37	8.15		9.9	2.239	89.1	1.8	0.4
559	11/26/2015 04:45:53	10.41	48.16	31.24	8.13		8.6	2.193	88.8	3.2	0.8
560	11/26/2015 05:00:54	10.36	48.11	31.20	8.12		8.3	2.150	88.5	1.8	0.4
561	11/26/2015 05:15:53	10.35	48.06	31.17	8.10		8.4	2.119	88.3	3.0	0.7
562	11/26/2015 05:30:53	10.38	47.99	31.11	8.08		9.3	2.110	88.0	2.6	0.6
563	11/26/2015 05:45:53	10.41	48.08	31.18	8.08		8.4	2.126	88.2	1.9	0.5
564	11/26/2015 06:00:53	10.52	48.18	31.26	8.08		8.2	2.160	88.3	2.0	0.5
565	11/26/2015 06:15:53	10.41	48.15	31.23	8.11		8.2	2.218	88.5	2.1	0.5
566	11/26/2015 06:30:54	10.52	48.30	31.35	8.11		8.7	2.282	88.8	2.2	0.5
567	11/26/2015 06:45:53	10.22	47.86	31.01	8.14		9.4	2.372	88.3	2.7	0.6
568	11/26/2015 07:00:54	10.53	48.33	31.37	8.13		10.2	2.463	89.0	2.3	0.6
569	11/26/2015 07:15:53	10.60	48.52	31.51	8.15		10.3	2.560	89.4	2.0	0.5
570	11/26/2015 07:30:53	10.75	48.90	31.80	8.21		11.1	2.656	90.5	2.4	0.6
571	11/26/2015 07:45:54	10.87	49.17	31.99	8.27		10.1	2.752	91.6	1.6	0.4
572	11/26/2015 08:00:54	10.95	49.27	32.07	8.28		10.7	2.849	92.0	2.4	0.6
573	11/26/2015 08:15:54	10.94	49.34	32.12	8.30		11.3	2.945	92.2	1.7	0.4
574	11/26/2015 08:30:54	10.96	49.48	32.23	8.33		14.5	3.051	92.6	2.8	0.7
575	11/26/2015 08:45:53	10.99	49.60	32.31	8.37		14.5	3.163	93.1	3.2	0.8
576	11/26/2015 09:00:54	11.02	49.78	32.44	8.40		18.9	3.277	93.6	2.3	0.5
577	11/26/2015 09:15:54	11.04	49.97	32.59	8.43		20.0	3.382	94.1	2.7	0.6
578	11/26/2015 09:30:53	11.02	50.13	32.70	8.47		21.4	3.505	94.5	2.4	0.6
579	11/26/2015 09:45:53	11.05	50.28	32.81	8.45		22.8	3.606	94.5	2.8	0.7
580	11/26/2015 10:00:53	11.04	50.39	32.89	8.42		21.4	3.715	94.1	2.4	0.6
581	11/26/2015 10:15:54	11.01	50.47	32.95	8.35		17.2	3.812	93.4	3.1	0.7
582	11/26/2015 10:30:54	11.01	50.52	32.98	8.31		11.2	3.898	93.0	2.7	0.6
583	11/26/2015 10:45:54	11.01	50.55	33.01	8.24		8.3	3.979	92.2	1.5	0.4
584	11/26/2015 11:00:54	11.00	50.58	33.03	8.18		7.5	4.033	91.5	2.1	0.5
585	11/26/2015 11:15:54	10.99	50.62	33.05	8.13		6.7	4.083	90.8	2.3	0.6
586	11/26/2015 11:30:54	10.99	50.65	33.08	8.08		5.3	4.110	90.4	1.5	0.4
587	11/26/2015 11:45:54	11.00	50.61	33.05	8.03		5.6	4.125	89.8	1.5	0.4
588	11/26/2015 12:00:54	11.01	50.52	32.98	8.09		6.4	4.104	90.5	1.8	0.4
589	11/26/2015 12:15:54	11.01	50.52	32.98	8.18		8.4	4.046	91.4	2.1	0.5
590	11/26/2015 12:30:54	11.07	50.49	32.97	8.22		7.5	3.969	92.0	2.0	0.5
591	11/26/2015 12:45:54	11.27	50.50	32.98	8.30		6.4	3.874	93.3	1.8	0.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
592	11/26/2015 13:00:54	11.25	50.41	32.92	8.27		6.5	3.750	92.9	1.5	0.4
593	11/26/2015 13:15:54	11.31	50.20	32.76	8.42		6.4	3.623	94.6	1.8	0.4
594	11/26/2015 13:30:54	11.18	49.80	32.47	8.46		11.5	3.489	94.6	2.2	0.5
595	11/26/2015 13:45:54	11.21	49.86	32.51	8.47		13.0	3.360	94.8	2.4	0.6
596	11/26/2015 14:00:54	11.24	49.84	32.50	8.49		12.2	3.216	95.1	3.2	0.8
597	11/26/2015 14:15:54	11.25	49.81	32.48	8.50		9.0	3.071	95.2	2.0	0.5
598	11/26/2015 14:30:54	11.26	49.60	32.33	8.50		10.2	2.925	95.1	2.3	0.5
599	11/26/2015 14:45:54	11.25	49.49	32.25	8.48		10.8	2.766	94.8	2.5	0.6
600	11/26/2015 15:00:54	11.26	49.74	32.43	8.52		10.4	2.625	95.5	2.2	0.5
601	11/26/2015 15:15:54	11.27	49.59	32.32	8.45		8.8	2.467	94.5	1.8	0.4
602	11/26/2015 15:30:54	11.08	49.02	31.89	8.46		14.7	2.282	94.1	2.0	0.5
603	11/26/2015 15:45:53	11.11	49.11	31.96	8.44		12.3	2.125	94.0	3.2	0.8
604	11/26/2015 16:00:54	11.07	48.97	31.86	8.41		13.7	1.961	93.5	2.1	0.5
605	11/26/2015 16:15:54	11.05	48.84	31.76	8.41		16.4	1.786	93.3	1.9	0.4
606	11/26/2015 16:30:54	11.07	48.85	31.78	8.39		14.4	1.634	93.2	2.6	0.6
607	11/26/2015 16:45:54	11.03	48.65	31.63	8.37		16.0	1.461	92.8	2.3	0.5
608	11/26/2015 17:00:54	11.00	48.61	31.60	8.35		15.6	1.291	92.5	2.1	0.5
609	11/26/2015 17:15:54	10.98	48.60	31.59	8.33		14.5	1.159	92.3	2.7	0.6
610	11/26/2015 17:30:54	10.94	48.55	31.55	8.32		13.6	1.018	92.0	2.6	0.6
611	11/26/2015 17:45:54	10.92	48.54	31.54	8.30		11.7	0.902	91.7	3.0	0.7
612	11/26/2015 18:00:54	10.88	48.54	31.54	8.26		10.0	0.852	91.2	2.0	0.5
613	11/26/2015 18:15:53	10.74	48.36	31.40	8.29		10.8	0.875	91.2	2.2	0.5
614	11/26/2015 18:30:53	10.54	48.01	31.14	8.25		10.9	0.936	90.2	1.9	0.5
615	11/26/2015 18:45:54	10.47	48.00	31.13	8.27		10.6	1.048	90.3	1.6	0.4
616	11/26/2015 19:00:53	10.41	47.99	31.11	8.28		9.7	1.160	90.3	1.5	0.4
617	11/26/2015 19:15:53	10.47	47.71	30.92	8.28		10.4	1.255	90.3	2.5	0.6
618	11/26/2015 19:30:53	10.53	47.66	30.89	8.27		10.4	1.362	90.3	2.6	0.6
619	11/26/2015 19:45:53	10.40	46.91	30.34	8.32		10.1	1.440	90.2	2.6	0.6
620	11/26/2015 20:00:54	10.60	47.57	30.83	8.26		9.5	1.526	90.3	2.5	0.6
621	11/26/2015 20:15:53	10.67	47.77	30.97	8.28		10.6	1.626	90.7	2.7	0.6
622	11/26/2015 20:30:54	10.69	47.86	31.04	8.29		9.5	1.721	90.9	2.5	0.6
623	11/26/2015 20:45:54	10.74	48.04	31.17	8.29		10.3	1.824	91.1	3.1	0.7
624	11/26/2015 21:00:53	10.86	48.38	31.43	8.30		10.0	1.932	91.6	2.5	0.6
625	11/26/2015 21:15:53	10.87	48.44	31.47	8.34		10.4	2.053	92.0	2.6	0.6
626	11/26/2015 21:30:54	10.93	48.69	31.65	8.35		12.4	2.170	92.4	2.5	0.6
627	11/26/2015 21:45:53	10.94	48.83	31.75	8.37		11.9	2.293	92.7	2.3	0.5
628	11/26/2015 22:00:54	10.91	48.85	31.77	8.36		11.9	2.404	92.5	2.2	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
629	11/26/2015 22:15:54	10.91	48.90	31.80	8.36		12.3	2.525	92.5	2.4	0.6
630	11/26/2015 22:30:54	10.94	49.01	31.88	8.35		15.4	2.634	92.5	2.7	0.6
631	11/26/2015 22:45:54	10.94	49.10	31.95	8.37		15.8	2.752	92.8	2.0	0.5
632	11/26/2015 23:00:54	10.96	49.31	32.10	8.36		17.6	2.852	92.8	2.8	0.7
633	11/26/2015 23:15:54	10.97	49.55	32.28	8.33		17.4	2.948	92.6	2.0	0.5
634	11/26/2015 23:30:54	10.95	49.78	32.44	8.31		18.4	3.055	92.5	2.7	0.6
635	11/26/2015 23:45:54	10.94	49.83	32.48	8.29		18.0	3.149	92.3	2.9	0.7
636	11/27/2015 00:00:54	10.93	49.90	32.53	8.27		23.4	3.245	92.1	2.7	0.6
637	11/27/2015 00:15:54	10.93	50.11	32.68	8.26		20.3	3.334	92.0	2.1	0.5
638	11/27/2015 00:30:54	10.93	50.22	32.76	8.25		15.5	3.414	91.9	3.2	0.8
639	11/27/2015 00:45:54	10.94	50.33	32.84	8.22		13.4	3.470	91.6	2.6	0.6
640	11/27/2015 01:00:54	10.93	50.37	32.87	8.18		8.8	3.503	91.2	2.0	0.5
641	11/27/2015 01:15:54	10.93	50.42	32.91	8.11		6.1	3.542	90.5	1.8	0.4
642	11/27/2015 01:30:54	10.89	50.28	32.80	8.14		7.3	3.533	90.6	1.4	0.3
643	11/27/2015 01:45:54	10.91	50.27	32.80	8.15		8.9	3.490	90.8	2.7	0.7
644	11/27/2015 02:00:53	10.89	50.29	32.81	8.16		9.3	3.435	90.8	2.0	0.5
645	11/27/2015 02:15:54	10.65	49.72	32.38	8.25		9.2	3.362	91.2	3.0	0.7
646	11/27/2015 02:30:54	10.68	50.00	32.59	8.26		8.9	3.282	91.4	2.5	0.6
647	11/27/2015 02:45:54	10.71	50.11	32.67	8.24		8.3	3.170	91.3	2.1	0.5
648	11/27/2015 03:00:54	10.61	49.65	32.32	8.25		10.6	3.080	91.0	2.3	0.6
649	11/27/2015 03:15:54	10.52	49.46	32.18	8.25		8.5	2.992	90.8	2.5	0.6
650	11/27/2015 03:30:53	10.54	49.48	32.20	8.25		8.5	2.889	90.8	2.1	0.5
651	11/27/2015 03:45:53	10.54	49.48	32.20	8.23		9.1	2.814	90.6	2.0	0.5
652	11/27/2015 04:00:54	10.45	49.28	32.05	8.23		7.5	2.718	90.4	2.3	0.5
653	11/27/2015 04:15:54	10.37	49.15	31.95	8.25		7.6	2.637	90.4	2.2	0.5
654	11/27/2015 04:30:53	10.46	49.24	32.02	8.26		7.6	2.563	90.7	2.7	0.6
655	11/27/2015 04:45:54	10.35	49.42	32.14	8.25		6.5	2.489	90.4	2.6	0.6
656	11/27/2015 05:00:54	10.36	49.16	31.96	8.26		7.0	2.410	90.5	2.3	0.6
657	11/27/2015 05:15:54	10.29	48.97	31.82	8.26		7.3	2.357	90.2	1.9	0.5
658	11/27/2015 05:30:54	10.18	48.80	31.69	8.25		7.1	2.307	89.9	2.8	0.7
659	11/27/2015 05:45:54	10.03	48.61	31.54	8.25		6.7	2.255	89.5	1.9	0.5
660	11/27/2015 06:00:54	9.99	48.62	31.54	8.24		6.7	2.237	89.3	1.8	0.4
661	11/27/2015 06:15:54	10.00	48.49	31.45	8.22		6.7	2.223	89.1	2.2	0.5
662	11/27/2015 06:30:53	9.90	48.43	31.40	8.23		6.2	2.239	88.9	2.2	0.5
663	11/27/2015 06:45:53	10.03	48.57	31.51	8.23		6.5	2.260	89.2	2.2	0.5
664	11/27/2015 07:00:54	10.08	48.64	31.57	8.24		7.3	2.302	89.5	1.9	0.4
665	11/27/2015 07:15:54	9.94	48.62	31.54	8.26		6.4	2.365	89.4	1.8	0.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
666	11/27/2015 07:30:53	9.73	48.29	31.29	8.28		8.8	2.447	89.1	2.2	0.5
667	11/27/2015 07:45:54	10.05	48.71	31.61	8.26		8.5	2.532	89.7	2.0	0.5
668	11/27/2015 08:00:54	10.10	48.85	31.72	8.25		8.1	2.621	89.8	1.8	0.4
669	11/27/2015 08:15:54	10.25	49.08	31.89	8.25		8.9	2.718	90.1	1.6	0.4
670	11/27/2015 08:30:54	10.35	49.27	32.04	8.26		8.4	2.803	90.5	1.4	0.3
671	11/27/2015 08:45:54	10.51	49.47	32.19	8.26		8.1	2.904	90.9	2.2	0.5
672	11/27/2015 09:00:54	10.52	49.52	32.22	8.26		9.4	2.988	90.9	2.1	0.5
673	11/27/2015 09:15:54	10.55	49.63	32.31	8.24		9.9	3.094	90.8	1.8	0.4
674	11/27/2015 09:30:53	10.60	49.80	32.43	8.20		12.2	3.196	90.5	2.0	0.5
675	11/27/2015 09:45:54	10.63	49.91	32.52	8.17		11.5	3.302	90.3	2.2	0.5
676	11/27/2015 10:00:54	10.64	50.10	32.65	8.06		11.8	3.407	89.2	1.9	0.5
677	11/27/2015 10:15:53	10.62	50.30	32.80	7.97		12.1	3.510	88.3	2.6	0.6
678	11/27/2015 10:30:54	10.62	50.51	32.95	7.86		11.4	3.618	87.1	2.1	0.5
679	11/27/2015 10:45:53	10.64	50.60	33.02	7.77		12.6	3.712	86.2	2.0	0.5
680	11/27/2015 11:00:54	10.62	50.70	33.09	7.70		9.6	3.800	85.4	1.4	0.3
681	11/27/2015 11:15:54	10.61	50.77	33.14	7.59		8.9	3.888	84.2	1.9	0.4
682	11/27/2015 11:30:54	10.62	50.79	33.16	7.55		6.8	3.965	83.8	1.5	0.4
683	11/27/2015 11:45:54	10.62	50.84	33.19	7.49		6.0	4.018	83.1	1.6	0.4
684	11/27/2015 12:00:54	10.63	50.84	33.19	7.46		4.5	4.061	82.8	1.1	0.3
685	11/27/2015 12:15:53	10.63	50.84	33.19	7.43		4.5	4.096	82.5	1.5	0.3
686	11/27/2015 12:30:54	10.64	50.73	33.11	7.56		4.9	4.097	84.0	0.8	0.2
687	11/27/2015 12:45:54	10.64	50.80	33.16	7.43		5.9	4.063	82.5	1.4	0.3
688	11/27/2015 13:00:54	10.64	50.80	33.17	7.47		5.4	4.024	82.9	1.7	0.4
689	11/27/2015 13:15:54	10.73	50.67	33.08	7.61		6.0	3.942	84.6	1.6	0.4
690	11/27/2015 13:30:53	10.90	50.66	33.08	7.72		5.6	3.835	86.2	1.1	0.3
691	11/27/2015 13:45:54	10.88	50.66	33.08	7.72		5.3	3.726	86.1	1.9	0.4
692	11/27/2015 14:00:54	10.90	50.25	32.78	8.04		5.9	3.586	89.6	1.8	0.4
693	11/27/2015 14:15:54	10.82	50.02	32.61	8.17		9.1	3.459	90.8	1.5	0.4
694	11/27/2015 14:30:53	10.82	50.03	32.62	8.17		10.3	3.336	90.7	1.8	0.4
695	11/27/2015 14:45:54	10.86	49.99	32.58	8.21		9.8	3.191	91.2	2.0	0.5
696	11/27/2015 15:00:54	10.90	49.87	32.51	8.28		8.2	3.037	92.0	2.0	0.5
697	11/27/2015 15:15:54	10.85	49.99	32.59	8.26		6.4	2.906	91.7	1.8	0.4
698	11/27/2015 15:30:53	10.84	49.74	32.41	8.27		7.5	2.764	91.8	1.8	0.4
699	11/27/2015 15:45:54	10.76	49.48	32.21	8.35		9.5	2.613	92.4	2.5	0.6
700	11/27/2015 16:00:54	10.76	49.64	32.33	8.37		9.0	2.460	92.7	2.5	0.6
701	11/27/2015 16:15:54	10.66	49.26	32.05	8.43		9.6	2.303	93.0	2.1	0.5
702	11/27/2015 16:30:54	10.63	49.33	32.09	8.43		13.4	2.144	92.9	2.0	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
703	11/27/2015 16:45:54	10.57	49.14	31.96	8.45		17.2	1.979	93.0	2.6	0.6
704	11/27/2015 17:00:54	10.55	49.03	31.88	8.47		17.3	1.807	93.1	2.1	0.5
705	11/27/2015 17:15:54	10.50	49.09	31.92	8.48		19.7	1.652	93.1	3.3	0.8
706	11/27/2015 17:30:53	10.54	48.97	31.83	8.47		18.6	1.495	93.0	3.0	0.7
707	11/27/2015 17:45:54	10.51	48.92	31.79	8.47		18.4	1.332	92.9	2.9	0.7
708	11/27/2015 18:00:54	10.47	48.74	31.66	8.47		16.2	1.192	92.8	2.4	0.6
709	11/27/2015 18:15:54	10.44	48.71	31.64	8.45		15.5	1.054	92.5	2.9	0.7
710	11/27/2015 18:30:54	10.41	48.72	31.64	8.44		12.0	0.963	92.3	2.3	0.6
711	11/27/2015 18:45:54	10.35	48.76	31.67	8.40		11.2	0.921	91.8	3.4	0.8
712	11/27/2015 19:00:54	10.25	48.52	31.49	8.42		9.7	0.928	91.7	2.2	0.5
713	11/27/2015 19:15:54	10.06	48.29	31.31	8.42		10.0	0.992	91.2	1.7	0.4
714	11/27/2015 19:30:53	10.02	48.27	31.29	8.41		10.0	1.089	91.1	2.1	0.5
715	11/27/2015 19:45:53	9.95	48.26	31.28	8.42		9.5	1.185	91.0	2.0	0.5
716	11/27/2015 20:00:54	9.92	47.95	31.06	8.45		10.0	1.284	91.1	2.3	0.5
717	11/27/2015 20:15:54	10.07	48.14	31.21	8.42		9.4	1.375	91.2	2.1	0.5
718	11/27/2015 20:30:54	10.04	48.01	31.11	8.44		9.7	1.470	91.3	2.0	0.5
719	11/27/2015 20:45:54	10.03	47.94	31.06	8.44		10.0	1.552	91.2	2.0	0.5
720	11/27/2015 21:00:54	9.99	47.92	31.04	8.45		9.4	1.639	91.3	1.8	0.4
721	11/27/2015 21:15:54	10.00	47.97	31.08	8.46		8.9	1.738	91.4	2.3	0.6
722	11/27/2015 21:30:54	10.13	48.22	31.27	8.44		9.2	1.844	91.6	1.6	0.4
723	11/27/2015 21:45:54	10.34	48.68	31.61	8.42		10.9	1.949	92.0	2.0	0.5
724	11/27/2015 22:00:54	10.45	48.92	31.79	8.43		8.9	2.051	92.4	2.6	0.6
725	11/27/2015 22:15:54	10.48	48.99	31.84	8.44		9.0	2.183	92.6	2.0	0.5
726	11/27/2015 22:30:54	10.48	49.05	31.88	8.43		10.5	2.297	92.5	2.9	0.7
727	11/27/2015 22:45:54	10.46	49.08	31.91	8.41		10.4	2.408	92.3	2.8	0.7
728	11/27/2015 23:00:54	10.47	49.12	31.93	8.38		10.3	2.530	92.0	2.8	0.7
729	11/27/2015 23:15:53	10.52	49.21	32.00	8.36		13.0	2.636	91.9	2.6	0.6
730	11/27/2015 23:30:53	10.52	49.30	32.07	8.32		15.8	2.743	91.5	2.4	0.6
731	11/27/2015 23:45:53	10.55	49.48	32.20	8.26		16.9	2.846	91.0	2.6	0.6
732	11/28/2015 00:00:54	10.56	49.76	32.41	8.13		14.7	2.952	89.7	2.3	0.6
733	11/28/2015 00:15:54	10.53	49.99	32.57	8.04		16.5	3.051	88.7	2.3	0.5
734	11/28/2015 00:30:54	10.52	50.08	32.64	7.99		15.5	3.149	88.2	2.3	0.5
735	11/28/2015 00:45:53	10.53	50.19	32.72	7.91		17.0	3.245	87.3	2.1	0.5
736	11/28/2015 01:00:53	10.53	50.37	32.84	7.77		13.1	3.334	85.9	2.1	0.5
737	11/28/2015 01:15:54	10.54	50.52	32.95	7.63		10.6	3.418	84.4	2.4	0.6
738	11/28/2015 01:30:54	10.54	50.59	33.01	7.56		8.7	3.469	83.7	1.7	0.4
739	11/28/2015 01:45:54	10.53	50.61	33.02	7.51		7.5	3.521	83.1	1.9	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
740	11/28/2015 02:00:54	10.53	50.68	33.07	7.45		5.4	3.557	82.4	2.0	0.5
741	11/28/2015 02:15:54	10.41	50.45	32.89	7.58		6.2	3.562	83.6	2.0	0.5
742	11/28/2015 02:30:54	10.51	50.62	33.02	7.45		5.5	3.546	82.4	1.9	0.5
743	11/28/2015 02:45:54	10.48	50.50	32.93	7.52		8.1	3.491	83.1	2.0	0.5
744	11/28/2015 03:00:54	10.30	50.19	32.70	7.79		8.4	3.433	85.6	2.2	0.5
745	11/28/2015 03:15:54	10.18	50.22	32.71	7.90		7.0	3.349	86.6	2.5	0.6
746	11/28/2015 03:30:54	10.26	50.41	32.86	7.76		6.0	3.250	85.3	2.1	0.5
747	11/28/2015 03:45:54	10.19	50.08	32.61	7.97		8.3	3.160	87.3	2.0	0.5
748	11/28/2015 04:00:54	10.11	49.84	32.43	8.06		8.6	3.071	88.0	1.9	0.5
749	11/28/2015 04:15:54	10.05	49.77	32.38	8.08		7.5	2.985	88.1	1.9	0.5
750	11/28/2015 04:30:54	10.05	49.70	32.32	8.07		7.8	2.889	88.0	1.8	0.4
751	11/28/2015 04:45:54	9.92	49.55	32.21	8.15		8.1	2.802	88.6	2.5	0.6
752	11/28/2015 05:00:54	9.88	49.52	32.18	8.17		6.1	2.737	88.6	1.8	0.4
753	11/28/2015 05:15:53	9.95	49.48	32.16	8.20		7.3	2.654	89.1	2.2	0.5
754	11/28/2015 05:30:54	9.90	49.41	32.11	8.24		7.3	2.584	89.4	1.9	0.5
755	11/28/2015 05:45:54	9.88	49.29	32.02	8.26		7.2	2.514	89.6	1.9	0.5
756	11/28/2015 06:00:54	9.71	49.33	32.03	8.23		6.2	2.459	88.9	2.1	0.5
757	11/28/2015 06:15:54	9.70	49.25	31.98	8.27		6.2	2.412	89.3	2.6	0.6
758	11/28/2015 06:30:53	9.50	49.07	31.84	8.30		6.2	2.370	89.2	1.4	0.3
759	11/28/2015 06:45:54	9.37	48.87	31.68	8.34		5.6	2.334	89.2	1.6	0.4
760	11/28/2015 07:00:54	9.29	48.81	31.63	8.35		6.2	2.325	89.1	2.1	0.5
761	11/28/2015 07:15:53	9.00	48.57	31.44	8.37		5.3	2.324	88.7	2.3	0.5
762	11/28/2015 07:30:54	9.47	48.91	31.72	8.30		6.1	2.331	89.0	2.5	0.6
763	11/28/2015 07:45:54	9.41	48.86	31.68	8.30		6.3	2.366	88.9	2.1	0.5
764	11/28/2015 08:00:53	9.28	48.85	31.66	8.33		5.7	2.415	88.9	0.8	0.2
765	11/28/2015 08:15:54	9.46	48.97	31.76	8.31		6.5	2.482	89.1	1.5	0.4
766	11/28/2015 08:30:53	9.17	48.71	31.55	8.35		7.0	2.545	88.8	2.1	0.5
767	11/28/2015 08:45:54	9.51	49.04	31.82	8.29		6.5	2.631	89.0	1.9	0.4
768	11/28/2015 09:00:54	9.64	49.24	31.97	8.23		6.7	2.720	88.7	1.7	0.4
769	11/28/2015 09:15:54	9.82	49.50	32.17	8.14		6.8	2.796	88.2	1.2	0.3
770	11/28/2015 09:30:54	9.99	49.72	32.33	8.07		6.4	2.894	87.9	2.9	0.7
771	11/28/2015 09:45:54	10.11	49.81	32.41	8.03		6.3	2.984	87.8	2.2	0.5
772	11/28/2015 10:00:54	10.14	49.87	32.45	8.01		6.8	3.082	87.6	1.4	0.3
773	11/28/2015 10:15:54	10.19	50.01	32.56	7.93		7.6	3.173	86.9	1.6	0.4
774	11/28/2015 10:30:54	10.26	50.18	32.69	7.82		8.8	3.272	85.8	1.6	0.4
775	11/28/2015 10:45:54	10.27	50.27	32.75	7.77		8.7	3.373	85.3	1.8	0.4
776	11/28/2015 11:00:54	10.29	50.46	32.90	7.61		8.7	3.460	83.8	1.9	0.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
777	11/28/2015 11:15:54	10.30	50.62	33.01	7.51		9.3	3.569	82.7	1.6	0.4
778	11/28/2015 11:30:54	10.32	50.78	33.13	7.41		7.5	3.654	81.7	2.0	0.5
779	11/28/2015 11:45:54	10.34	50.83	33.17	7.39		8.2	3.735	81.5	1.5	0.4
780	11/28/2015 12:00:54	10.34	50.89	33.21	7.36		6.4	3.807	81.2	1.8	0.4
781	11/28/2015 12:15:54	10.35	50.92	33.23	7.34		5.0	3.873	81.1	1.5	0.3
782	11/28/2015 12:30:54	10.38	50.93	33.24	7.33		4.5	3.915	81.0	1.9	0.4
783	11/28/2015 12:45:54	10.39	50.93	33.24	7.30		3.8	3.962	80.7	0.8	0.2
784	11/28/2015 13:00:54	10.40	50.92	33.23	7.29		3.2	3.974	80.6	0.8	0.2
785	11/28/2015 13:15:54	10.38	50.81	33.15	7.39		4.3	3.971	81.6	1.3	0.3
786	11/28/2015 13:30:54	10.37	50.79	33.14	7.35		4.2	3.942	81.1	1.1	0.3
787	11/28/2015 13:45:54	10.39	50.90	33.22	7.28		4.7	3.891	80.4	1.5	0.4
788	11/28/2015 14:00:54	10.48	50.70	33.08	7.43		5.1	3.820	82.1	2.0	0.5
789	11/28/2015 14:15:54	10.63	50.78	33.14	7.50		4.0	3.726	83.2	1.3	0.3
790	11/28/2015 14:30:54	10.58	50.67	33.07	7.57		4.2	3.619	83.9	1.6	0.4
791	11/28/2015 14:45:54	10.53	50.35	32.83	7.82		4.6	3.513	86.5	1.6	0.4
792	11/28/2015 15:00:54	10.44	50.17	32.70	7.94		7.2	3.385	87.5	2.8	0.7
793	11/28/2015 15:15:54	10.43	50.21	32.72	7.90		7.0	3.262	87.1	1.8	0.4
794	11/28/2015 15:30:54	10.43	50.19	32.70	7.95		8.3	3.142	87.6	2.2	0.5
795	11/28/2015 15:45:54	10.43	50.11	32.65	8.03		6.4	3.023	88.4	1.8	0.4
796	11/28/2015 16:00:54	10.40	50.01	32.58	8.07		6.1	2.888	88.8	1.7	0.4
797	11/28/2015 16:15:53	10.31	49.61	32.28	8.23		7.4	2.753	90.2	2.0	0.5
798	11/28/2015 16:30:54	10.27	49.79	32.41	8.13		7.2	2.607	89.2	2.1	0.5
799	11/28/2015 16:45:54	10.28	50.00	32.56	8.03		6.1	2.480	88.2	1.6	0.4
800	11/28/2015 17:00:54	10.19	49.71	32.34	8.20		6.9	2.324	89.7	1.6	0.4
801	11/28/2015 17:15:54	10.08	49.38	32.10	8.33		8.9	2.179	90.8	1.6	0.4
802	11/28/2015 17:30:54	10.06	49.57	32.23	8.34		8.2	2.039	91.0	2.1	0.5
803	11/28/2015 17:45:54	9.98	49.23	31.98	8.43		11.1	1.889	91.6	2.6	0.6
804	11/28/2015 18:00:53	9.96	49.17	31.94	8.46		11.1	1.730	91.9	2.0	0.5
805	11/28/2015 18:15:54	9.94	49.09	31.88	8.48		11.1	1.570	92.0	1.9	0.5
806	11/28/2015 18:30:54	9.93	49.01	31.82	8.51		10.9	1.457	92.3	2.3	0.5
807	11/28/2015 18:45:54	9.90	48.98	31.80	8.52		10.4	1.308	92.3	2.7	0.6
808	11/28/2015 19:00:54	9.86	48.94	31.77	8.53		11.4	1.194	92.3	2.7	0.6
809	11/28/2015 19:15:54	9.83	48.92	31.75	8.52		9.7	1.115	92.1	2.1	0.5
810	11/28/2015 19:30:54	9.78	48.92	31.75	8.51		8.4	1.048	91.9	2.6	0.6
811	11/28/2015 19:45:54	9.75	48.92	31.74	8.50		8.4	1.048	91.7	2.6	0.6
812	11/28/2015 20:00:54	9.66	48.82	31.66	8.56		7.7	1.099	92.1	2.5	0.6
813	11/28/2015 20:15:54	9.67	48.74	31.61	8.57		7.1	1.165	92.2	2.4	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
814	11/28/2015 20:30:54	9.50	48.62	31.51	8.62		7.0	1.264	92.3	1.8	0.4
815	11/28/2015 20:45:54	9.40	48.52	31.44	8.63		7.5	1.361	92.2	1.4	0.3
816	11/28/2015 21:00:53	9.35	48.33	31.29	8.62		7.8	1.450	92.0	2.0	0.5
817	11/28/2015 21:15:53	9.30	48.18	31.18	8.62		7.6	1.545	91.8	1.8	0.4
818	11/28/2015 21:30:54	9.22	48.04	31.07	8.63		7.9	1.635	91.7	2.4	0.6
819	11/28/2015 21:45:53	9.24	48.13	31.14	8.63		7.8	1.727	91.7	2.3	0.5
820	11/28/2015 22:00:53	9.48	48.51	31.43	8.59		8.2	1.815	91.9	2.1	0.5
821	11/28/2015 22:15:54	9.58	48.67	31.55	8.56		6.9	1.927	92.0	2.2	0.5
822	11/28/2015 22:30:54	9.83	48.99	31.80	8.48		7.6	2.024	91.7	1.4	0.3
823	11/28/2015 22:45:54	9.94	49.15	31.92	8.45		7.0	2.129	91.7	2.4	0.6
824	11/28/2015 23:00:54	9.99	49.24	31.99	8.43		7.2	2.248	91.7	1.3	0.3
825	11/28/2015 23:15:53	10.00	49.25	32.00	8.44		7.4	2.349	91.7	2.1	0.5
826	11/28/2015 23:30:54	10.02	49.35	32.07	8.39		8.5	2.467	91.2	2.1	0.5
827	11/28/2015 23:45:54	10.04	49.43	32.13	8.33		9.0	2.573	90.7	1.9	0.5
828	11/29/2015 00:00:54	10.07	49.46	32.16	8.29		9.0	2.672	90.4	2.4	0.6
829	11/29/2015 00:15:54	10.07	49.56	32.23	8.24		10.6	2.776	89.8	2.5	0.6
830	11/29/2015 00:30:54	10.14	49.74	32.36	8.16		11.4	2.870	89.2	2.2	0.5
831	11/29/2015 00:45:54	10.16	49.95	32.52	8.08		10.2	2.981	88.4	2.1	0.5
832	11/29/2015 01:00:54	10.14	50.07	32.60	8.04		10.3	3.064	88.0	1.5	0.4
833	11/29/2015 01:15:54	10.14	50.21	32.70	7.99		10.6	3.161	87.5	1.6	0.4
834	11/29/2015 01:30:54	10.13	50.31	32.77	7.95		10.3	3.262	87.1	2.1	0.5
835	11/29/2015 01:45:54	10.19	50.43	32.87	7.92		12.1	3.335	86.9	2.6	0.6
836	11/29/2015 02:00:54	10.22	50.56	32.96	7.88		10.4	3.411	86.5	2.6	0.6
837	11/29/2015 02:15:54	10.22	50.67	33.04	7.82		7.1	3.476	86.0	1.7	0.4
838	11/29/2015 02:30:54	10.27	50.71	33.07	7.77		5.9	3.527	85.5	2.5	0.6
839	11/29/2015 02:45:54	10.27	50.70	33.07	7.73		5.4	3.547	85.0	3.2	0.8
840	11/29/2015 03:00:54	10.15	50.51	32.92	7.73		5.1	3.560	84.8	2.0	0.5
841	11/29/2015 03:15:54	10.25	50.66	33.04	7.70		4.3	3.554	84.7	1.8	0.4
842	11/29/2015 03:30:54	10.22	50.63	33.01	7.74		5.4	3.498	85.0	0.7	0.2
843	11/29/2015 03:45:54	10.13	50.49	32.90	7.80		5.1	3.452	85.5	1.8	0.4
844	11/29/2015 04:00:54	9.86	50.22	32.69	7.97		6.1	3.377	86.8	1.9	0.4
845	11/29/2015 04:15:54	9.94	50.37	32.80	7.97		5.7	3.283	86.9	1.4	0.3
846	11/29/2015 04:30:54	9.97	50.41	32.84	7.91		5.4	3.201	86.4	1.7	0.4
847	11/29/2015 04:45:54	9.76	50.01	32.53	8.06		7.0	3.118	87.5	2.2	0.5
848	11/29/2015 05:00:54	9.75	49.95	32.48	8.09		6.7	3.028	87.8	2.0	0.5
849	11/29/2015 05:15:53	9.65	49.83	32.40	8.11		6.0	2.959	87.7	1.9	0.5
850	11/29/2015 05:30:54	9.56	49.76	32.33	8.14		5.1	2.891	87.8	1.2	0.3

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
851	11/29/2015 05:45:54	9.65	49.77	32.35	8.17		5.4	2.801	88.4	2.0	0.5
852	11/29/2015 06:00:54	9.40	49.55	32.17	8.24		5.6	2.724	88.5	1.6	0.4
853	11/29/2015 06:15:54	9.30	49.50	32.13	8.25		5.2	2.673	88.4	1.6	0.4
854	11/29/2015 06:30:54	9.35	49.56	32.18	8.28		5.3	2.608	88.8	1.5	0.4
855	11/29/2015 06:45:54	9.38	49.57	32.19	8.27		4.7	2.562	88.8	1.7	0.4
856	11/29/2015 07:00:54	9.27	49.53	32.15	8.28		4.9	2.495	88.7	1.5	0.3
857	11/29/2015 07:15:53	9.08	49.30	31.97	8.34		5.0	2.481	88.9	1.9	0.5
858	11/29/2015 07:30:53	8.90	49.17	31.86	8.40		4.7	2.441	89.1	2.1	0.5
859	11/29/2015 07:45:53	8.60	49.13	31.81	8.43		5.0	2.390	88.7	1.6	0.4
860	11/29/2015 08:00:53	8.49	48.99	31.70	8.45		4.6	2.412	88.6	1.3	0.3
861	11/29/2015 08:15:53	8.97	49.11	31.83	8.36		4.6	2.428	88.7	1.2	0.3
862	11/29/2015 08:30:54	8.98	49.18	31.87	8.35		4.7	2.419	88.7	1.7	0.4
863	11/29/2015 08:45:53	9.07	49.18	31.88	8.35		5.1	2.469	88.8	2.3	0.5
864	11/29/2015 09:00:53	8.98	49.23	31.91	8.36		4.6	2.499	88.8	1.4	0.3
865	11/29/2015 09:15:54	9.08	49.26	31.94	8.34		5.1	2.576	88.8	1.0	0.2
866	11/29/2015 09:30:54	9.15	49.31	31.98	8.32		5.5	2.662	88.8	1.2	0.3
867	11/29/2015 09:45:54	9.25	49.43	32.08	8.28		5.4	2.703	88.5	2.2	0.5
868	11/29/2015 10:00:54	9.45	49.62	32.23	8.18		5.5	2.823	88.0	1.5	0.4
869	11/29/2015 10:15:53	9.59	49.81	32.38	8.12		5.2	2.886	87.7	1.7	0.4
870	11/29/2015 10:30:54	9.76	49.98	32.51	8.09		4.8	2.964	87.7	1.8	0.4
871	11/29/2015 10:45:54	9.83	50.02	32.54	8.06		5.7	3.038	87.6	2.2	0.5
872	11/29/2015 11:00:54	9.87	50.06	32.58	8.04		4.8	3.158	87.5	1.8	0.4
873	11/29/2015 11:15:53	9.95	50.17	32.66	7.97		5.5	3.209	86.9	2.0	0.5
874	11/29/2015 11:30:54	10.05	50.33	32.78	7.87		5.3	3.332	86.1	1.5	0.4
875	11/29/2015 11:45:54	10.10	50.42	32.85	7.82		5.6	3.411	85.6	2.3	0.6
876	11/29/2015 12:00:54	10.13	50.51	32.92	7.76		5.4	3.443	85.1	2.4	0.6
877	11/29/2015 12:15:54	10.16	50.64	33.01	7.70		4.7	3.571	84.5	1.9	0.4
878	11/29/2015 12:30:54	10.18	50.77	33.11	7.65		4.9	3.634	84.1	1.7	0.4
879	11/29/2015 12:45:54	10.20	50.86	33.17	7.62		5.7	3.683	83.8	2.0	0.5
880	11/29/2015 13:00:54	10.22	50.91	33.21	7.59		4.0	3.770	83.5	1.6	0.4
881	11/29/2015 13:15:54	10.23	50.90	33.21	7.59		3.8	3.794	83.6	2.7	0.6
882	11/29/2015 13:30:54	10.23	50.92	33.22	7.59		3.6	3.778	83.5	2.0	0.5
883	11/29/2015 13:45:53	10.23	50.95	33.24	7.57		2.5	3.834	83.4	1.9	0.5
884	11/29/2015 14:00:54	10.22	50.86	33.18	7.61		3.0	3.820	83.7	2.0	0.5
885	11/29/2015 14:15:54	10.23	50.92	33.22	7.56		3.1	3.793	83.2	1.3	0.3
886	11/29/2015 14:30:54	10.22	50.88	33.19	7.57		3.7	3.745	83.3	1.1	0.3
887	11/29/2015 14:45:54	10.23	50.82	33.15	7.65		4.4	3.691	84.2	2.0	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
888	11/29/2015 15:00:53	10.35	50.60	33.00	7.84		4.6	3.617	86.4	2.0	0.5
889	11/29/2015 15:15:54	10.35	50.71	33.08	7.84		3.7	3.514	86.5	1.2	0.3
890	11/29/2015 15:30:54	10.26	50.36	32.82	8.05		3.8	3.430	88.5	2.0	0.5
891	11/29/2015 15:45:54	10.15	50.20	32.69	8.18		5.4	3.336	89.6	1.6	0.4
892	11/29/2015 16:00:54	10.12	50.20	32.69	8.15		5.6	3.219	89.2	2.2	0.5
893	11/29/2015 16:15:54	10.09	50.19	32.69	8.16		5.4	3.108	89.3	2.2	0.5
894	11/29/2015 16:30:54	10.07	50.15	32.66	8.16		6.9	2.979	89.2	1.7	0.4
895	11/29/2015 16:45:54	10.01	50.09	32.61	8.23		5.0	2.862	89.8	1.4	0.3
896	11/29/2015 17:00:54	9.95	50.00	32.54	8.29		5.4	2.739	90.3	2.2	0.5
897	11/29/2015 17:15:54	9.93	49.96	32.51	8.25		5.6	2.632	89.8	1.7	0.4
898	11/29/2015 17:30:54	9.96	50.20	32.68	8.24		4.6	2.497	89.8	2.1	0.5
899	11/29/2015 17:45:54	9.84	50.01	32.54	8.30		5.8	2.351	90.2	2.1	0.5
900	11/29/2015 18:00:54	9.67	49.56	32.20	8.47		9.3	2.219	91.6	3.3	0.8
901	11/29/2015 18:15:54	9.65	49.59	32.22	8.44		7.2	2.087	91.2	2.4	0.6
902	11/29/2015 18:30:54	9.57	49.55	32.19	8.48		8.7	1.968	91.4	2.4	0.6
903	11/29/2015 18:45:54	9.52	49.44	32.11	8.58		8.7	1.836	92.3	2.4	0.6
904	11/29/2015 19:00:54	9.46	49.35	32.03	8.57		9.0	1.707	92.1	2.1	0.5
905	11/29/2015 19:15:54	9.46	49.25	31.96	8.66		9.3	1.594	92.9	2.6	0.6
906	11/29/2015 19:30:54	9.43	49.20	31.92	8.65		8.9	1.455	92.8	2.3	0.5
907	11/29/2015 19:45:53	9.41	49.20	31.92	8.65		8.5	1.383	92.8	2.8	0.7
908	11/29/2015 20:00:54	9.36	49.19	31.91	8.65		8.0	1.322	92.6	2.1	0.5
909	11/29/2015 20:15:54	9.31	49.15	31.88	8.67		7.4	1.270	92.7	2.3	0.5
910	11/29/2015 20:30:54	9.24	49.11	31.84	8.70		7.2	1.253	92.9	2.2	0.5
911	11/29/2015 20:45:53	9.21	49.10	31.84	8.69		6.2	1.290	92.7	2.9	0.7
912	11/29/2015 21:00:54	9.23	49.02	31.78	8.74		6.6	1.347	93.3	1.9	0.4
913	11/29/2015 21:15:53	9.19	48.95	31.73	8.77		6.3	1.389	93.5	1.7	0.4
914	11/29/2015 21:30:53	9.18	48.95	31.72	8.80		5.6	1.474	93.8	1.6	0.4
915	11/29/2015 21:45:54	8.78	48.45	31.34	8.84		8.3	1.576	93.2	2.0	0.5
916	11/29/2015 22:00:54	8.89	48.52	31.39	8.81		6.8	1.655	93.1	1.2	0.3
917	11/29/2015 22:15:54	8.86	48.48	31.36	8.80		7.2	1.732	92.9	2.0	0.5
918	11/29/2015 22:30:54	9.08	48.76	31.58	8.75		6.5	1.814	93.0	2.3	0.5
919	11/29/2015 22:45:54	9.12	48.86	31.65	8.74		6.7	1.918	93.0	2.6	0.6
920	11/29/2015 23:00:53	9.18	48.87	31.67	8.74		6.8	2.005	93.1	2.4	0.6
921	11/29/2015 23:15:53	9.37	49.16	31.89	8.63		5.9	2.087	92.5	2.1	0.5
922	11/29/2015 23:30:54	9.53	49.33	32.02	8.56		5.9	2.193	92.1	2.1	0.5
923	11/29/2015 23:45:54	9.59	49.40	32.08	8.53		5.6	2.282	91.9	2.1	0.5
924	11/30/2015 00:00:54	9.63	49.47	32.13	8.51		6.0	2.400	91.9	1.8	0.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
925	11/30/2015 00:15:53	9.66	49.54	32.19	8.47		7.0	2.490	91.5	2.1	0.5
926	11/30/2015 00:30:54	9.70	49.63	32.25	8.42		6.5	2.587	91.0	2.1	0.5
927	11/30/2015 00:45:54	9.72	49.66	32.28	8.38		7.1	2.696	90.7	2.7	0.7
928	11/30/2015 01:00:54	9.75	49.73	32.33	8.35		8.3	2.768	90.4	2.3	0.6
929	11/30/2015 01:15:54	9.78	49.84	32.41	8.30		9.0	2.874	90.1	2.2	0.5
930	11/30/2015 01:30:54	9.86	50.02	32.55	8.27		8.2	2.961	89.9	2.2	0.5
931	11/30/2015 01:45:54	9.89	50.16	32.65	8.26		7.9	3.056	89.9	1.7	0.4
932	11/30/2015 02:00:54	9.89	50.27	32.73	8.23		9.6	3.145	89.7	2.2	0.5
933	11/30/2015 02:15:54	9.90	50.37	32.80	8.26		9.4	3.218	90.1	1.4	0.3
934	11/30/2015 02:30:54	9.95	50.51	32.91	8.29		8.5	3.317	90.5	1.7	0.4
935	11/30/2015 02:45:54	10.00	50.63	33.00	8.30		7.4	3.389	90.8	1.6	0.4
936	11/30/2015 03:00:54	10.01	50.24	32.72	8.32		7.4	3.428	90.8	1.8	0.4
937	11/30/2015 03:15:54	10.01	50.73	33.07	8.29		6.5	3.502	90.7	1.4	0.3
938	11/30/2015 03:30:54	9.99	50.70	33.05	8.27		4.3	3.513	90.5	2.5	0.6
939	11/30/2015 03:45:54	9.91	50.60	32.97	8.26		5.4	3.542	90.2	1.8	0.4
940	11/30/2015 04:00:54	9.98	50.69	33.04	8.23		4.9	3.506	90.0	1.4	0.3
941	11/30/2015 04:15:54	10.01	50.71	33.06	8.23		6.2	3.485	90.1	1.6	0.4
942	11/30/2015 04:30:54	9.98	50.68	33.04	8.23		5.3	3.439	90.0	1.6	0.4
943	11/30/2015 04:45:54	9.92	50.52	32.91	8.22		7.7	3.395	89.7	2.1	0.5
944	11/30/2015 05:00:54	9.84	50.46	32.86	8.26		5.3	3.329	90.0	2.5	0.6
945	11/30/2015 05:15:54	9.90	50.08	32.59	8.33		5.1	3.245	90.7	1.4	0.3
946	11/30/2015 05:30:54	9.90	50.57	32.95	8.33		4.9	3.151	90.9	2.1	0.5
947	11/30/2015 05:45:54	9.69	50.12	32.61	8.30		4.9	3.096	89.9	1.5	0.4
948	11/30/2015 06:00:54	9.63	50.04	32.54	8.29		5.3	3.007	89.7	1.7	0.4
949	11/30/2015 06:15:54	9.63	50.02	32.53	8.28		5.0	2.949	89.6	1.2	0.3
950	11/30/2015 06:30:54	9.59	49.96	32.49	8.29		4.3	2.860	89.5	1.8	0.4
951	11/30/2015 06:45:54	9.57	49.92	32.45	8.28		4.6	2.803	89.4	1.7	0.4
952	11/30/2015 07:00:54	9.44	49.79	32.35	8.30		4.4	2.735	89.3	2.0	0.5
953	11/30/2015 07:15:54	9.56	49.79	32.36	8.30		4.8	2.682	89.6	1.4	0.3
954	11/30/2015 07:30:54	9.49	49.75	32.33	8.33		4.1	2.639	89.7	1.7	0.4
955	11/30/2015 07:45:54	9.35	49.64	32.24	8.34		4.0	2.596	89.5	1.3	0.3
956	11/30/2015 08:00:54	9.35	49.62	32.22	8.36		4.0	2.572	89.7	1.9	0.4
957	11/30/2015 08:15:54	9.37	49.57	32.19	8.39		4.2	2.520	90.1	1.9	0.4
958	11/30/2015 08:30:54	9.31	49.53	32.15	8.39		3.8	2.488	89.9	1.7	0.4
959	11/30/2015 08:45:54	9.16	49.42	32.06	8.44		3.7	2.504	90.1	1.4	0.3
960	11/30/2015 09:00:54	9.06	49.39	32.03	8.44		3.7	2.499	89.9	1.8	0.4
961	11/30/2015 09:15:54	9.28	49.51	32.14	8.38		3.9	2.514	89.7	1.3	0.3

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
962	11/30/2015 09:30:54	9.16	49.43	32.07	8.38		3.7	2.514	89.4	2.3	0.5
963	11/30/2015 09:45:54	9.41	49.57	32.19	8.34		4.0	2.557	89.6	1.0	0.2
964	11/30/2015 10:00:53	9.33	49.55	32.17	8.33		3.8	2.608	89.3	1.3	0.3
965	11/30/2015 10:15:54	9.33	49.57	32.18	8.35		4.0	2.652	89.6	1.2	0.3
966	11/30/2015 10:30:54	9.19	49.42	32.07	8.41		4.3	2.706	89.8	2.0	0.5
967	11/30/2015 10:45:53	9.37	49.63	32.23	8.34		4.2	2.774	89.5	1.7	0.4
968	11/30/2015 11:00:53	9.45	49.74	32.31	8.31		4.5	2.823	89.4	1.8	0.4
969	11/30/2015 11:15:54	9.53	49.86	32.40	8.29		4.3	2.891	89.5	2.0	0.5
970	11/30/2015 11:30:53	9.64	50.00	32.52	8.31		4.5	2.975	89.9	1.5	0.4
971	11/30/2015 11:45:54	9.75	50.15	32.63	8.31		3.7	3.070	90.2	1.1	0.3
972	11/30/2015 12:00:54	9.78	50.20	32.67	8.32		3.6	3.110	90.4	2.1	0.5
973	11/30/2015 12:15:54	9.81	50.25	32.71	8.32		4.0	3.199	90.4	1.8	0.4
974	11/30/2015 12:30:54	9.83	50.31	32.75	8.31		4.0	3.296	90.5	1.6	0.4
975	11/30/2015 12:45:54	9.90	50.42	32.84	8.31		4.3	3.350	90.6	2.0	0.5
976	11/30/2015 13:00:54	9.95	50.50	32.90	8.29		3.7	3.417	90.5	1.5	0.4
977	11/30/2015 13:15:54	9.98	50.57	32.95	8.27		3.6	3.474	90.4	1.9	0.4
978	11/30/2015 13:30:54	10.01	50.61	32.99	8.27		3.4	3.535	90.5	2.1	0.5
979	11/30/2015 13:45:54	9.99	50.66	33.02	8.28		3.2	3.584	90.6	1.3	0.3
980	11/30/2015 14:00:54	10.05	50.70	33.05	8.26		3.1	3.615	90.5	1.7	0.4
981	11/30/2015 14:15:54	10.07	50.76	33.10	8.23		3.1	3.643	90.2	2.1	0.5
982	11/30/2015 14:30:54	10.08	50.78	33.11	8.20		2.6	3.648	89.9	1.3	0.3
983	11/30/2015 14:45:54	10.05	50.70	33.05	8.20		3.6	3.659	89.8	1.9	0.4
984	11/30/2015 15:00:55	10.07	50.74	33.08	8.17		3.2	3.647	89.6	2.3	0.5
985	11/30/2015 15:15:54	10.04	50.67	33.03	8.21		3.2	3.613	89.9	1.4	0.3
986	11/30/2015 15:30:54	9.96	50.49	32.89	8.27		3.5	3.537	90.4	1.8	0.4
987	11/30/2015 15:45:54	9.90	50.22	32.69	8.44		3.6	3.484	91.9	2.0	0.5
988	11/30/2015 16:00:54	9.96	50.43	32.85	8.40		3.9	3.403	91.7	2.2	0.5
989	11/30/2015 16:15:54	9.93	50.39	32.82	8.39		3.6	3.308	91.6	2.5	0.6
990	11/30/2015 16:30:54	9.82	50.15	32.63	8.45		4.0	3.220	91.9	2.0	0.5
991	11/30/2015 16:45:54	9.81	50.16	32.65	8.45		4.0	3.131	91.8	2.9	0.7
992	11/30/2015 17:00:54	9.80	50.14	32.63	8.44		3.6	3.036	91.7	2.0	0.5
993	11/30/2015 17:15:54	9.79	50.12	32.61	8.43		3.8	2.939	91.6	1.9	0.5
994	11/30/2015 17:30:54	9.74	50.07	32.57	8.44		4.7	2.831	91.5	2.7	0.6
995	11/30/2015 17:45:54	9.68	49.95	32.48	8.46		4.8	2.708	91.6	2.6	0.6
996	11/30/2015 18:00:54	9.60	49.79	32.36	8.48		5.2	2.632	91.6	2.5	0.6
997	11/30/2015 18:15:54	9.61	49.82	32.38	8.45		5.1	2.515	91.3	2.3	0.5
998	11/30/2015 18:30:54	9.61	49.81	32.38	8.43		5.4	2.400	91.0	1.6	0.4

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
999	11/30/2015 18:45:54	9.56	49.74	32.32	8.46		6.2	2.285	91.2	2.6	0.6
1000	11/30/2015 19:00:54	9.55	49.74	32.32	8.44		5.9	2.171	91.0	1.6	0.4
1001	11/30/2015 19:15:54	9.51	49.65	32.26	8.44		6.2	2.068	90.9	2.1	0.5
1002	11/30/2015 19:30:54	9.49	49.61	32.22	8.45		5.9	1.950	91.0	1.9	0.5
1003	11/30/2015 19:45:54	9.45	49.53	32.16	8.46		6.2	1.845	90.9	1.7	0.4
1004	11/30/2015 20:00:54	9.40	49.47	32.12	8.47		6.4	1.735	91.0	2.1	0.5
1005	11/30/2015 20:15:54	9.36	49.39	32.06	8.50		6.7	1.648	91.1	2.6	0.6
1006	11/30/2015 20:30:54	9.35	49.43	32.08	8.48		6.0	1.585	90.9	2.6	0.6
1007	11/30/2015 20:45:54	9.30	49.37	32.03	8.50		5.5	1.545	91.0	3.0	0.7
1008	11/30/2015 21:00:55	9.26	49.32	32.00	8.51		5.2	1.514	91.0	1.9	0.5
1009	11/30/2015 21:15:54	9.20	49.30	31.98	8.48		4.7	1.471	90.6	1.6	0.4
1010	11/30/2015 21:30:54	9.14	49.17	31.88	8.55		4.5	1.495	91.2	2.4	0.6
1011	11/30/2015 21:45:54	9.17	49.17	31.88	8.57		4.5	1.538	91.4	1.9	0.4
1012	11/30/2015 22:00:54	9.13	49.13	31.85	8.59		4.3	1.558	91.5	2.1	0.5
1013	11/30/2015 22:15:54	8.98	49.07	31.79	8.61		4.5	1.619	91.4	1.9	0.5
1014	11/30/2015 22:30:54	8.91	48.90	31.67	8.64		5.1	1.714	91.5	1.7	0.4
1015	11/30/2015 22:45:54	8.87	48.71	31.53	8.63		5.4	1.798	91.3	2.2	0.5
1016	11/30/2015 23:00:54	8.78	48.52	31.38	8.64		5.8	1.880	91.0	1.8	0.4
1017	11/30/2015 23:15:54	8.81	48.64	31.48	8.65		5.7	1.961	91.3	2.0	0.5
1018	11/30/2015 23:30:54	9.02	48.94	31.70	8.60		5.3	2.085	91.3	1.6	0.4
1019	11/30/2015 23:45:54	9.12	49.08	31.82	8.57		5.2	2.146	91.3	1.7	0.4
1020	12/1/2015 00:00:53	9.24	49.26	31.95	8.53		4.7	2.222	91.2	2.1	0.5
1021	12/1/2015 00:15:54	9.38	49.45	32.10	8.48		4.6	2.303	91.0	2.2	0.5
1022	12/1/2015 00:30:54	9.45	49.56	32.18	8.46		5.0	2.390	91.0	2.3	0.5
1023	12/1/2015 00:45:53	9.47	49.60	32.21	8.46		4.5	2.484	91.1	1.9	0.4
1024	12/1/2015 01:00:54	9.48	49.63	32.24	8.46		5.0	2.564	91.1	2.3	0.5
1025	12/1/2015 01:15:54	9.52	49.71	32.30	8.45		5.3	2.666	91.0	1.6	0.4
1026	12/1/2015 01:30:54	9.54	49.76	32.34	8.44		5.4	2.744	91.0	1.9	0.5
1027	12/1/2015 01:45:54	9.57	49.80	32.37	8.43		5.9	2.833	91.0	1.5	0.4
1028	12/1/2015 02:00:54	9.61	49.87	32.42	8.42		6.3	2.923	91.0	1.9	0.5
1029	12/1/2015 02:15:54	9.65	49.96	32.49	8.42		7.0	3.002	91.1	1.6	0.4
1030	12/1/2015 02:30:54	9.71	50.11	32.60	8.43		7.9	3.074	91.4	2.2	0.5
1031	12/1/2015 02:45:54	9.80	50.28	32.73	8.48		7.3	3.159	92.3	2.6	0.6
1032	12/1/2015 03:00:54	9.86	50.42	32.84	8.49		7.0	3.245	92.6	2.3	0.5
1033	12/1/2015 03:15:54	9.90	50.50	32.90	8.50		7.0	3.323	92.7	1.7	0.4
1034	12/1/2015 03:30:54	9.96	50.56	32.95	8.52		6.3	3.390	93.1	2.1	0.5
1035	12/1/2015 03:45:54	10.09	50.61	32.99	8.54		5.7	3.432	93.6	2.0	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1036	12/1/2015 04:00:54	10.12	50.62	33.00	8.54		4.5	3.481	93.7	1.7	0.4
1037	12/1/2015 04:15:54	10.23	50.66	33.03	8.53		3.9	3.523	93.8	2.1	0.5
1038	12/1/2015 04:30:53	9.82	50.65	33.00	8.48		5.1	3.525	92.4	2.5	0.6
1039	12/1/2015 04:45:54	10.22	50.68	33.05	8.50		3.4	3.517	93.5	1.9	0.5
1040	12/1/2015 05:00:54	10.03	50.53	32.93	8.48		4.7	3.473	92.8	2.6	0.6
1041	12/1/2015 05:15:54	10.20	50.62	33.00	8.51		3.9	3.445	93.5	2.0	0.5
1042	12/1/2015 05:30:54	9.65	50.26	32.70	8.46		3.9	3.390	91.7	1.6	0.4
1043	12/1/2015 05:45:54	9.55	50.15	32.62	8.43		4.5	3.328	91.1	1.5	0.3
1044	12/1/2015 06:00:54	9.70	50.37	32.79	8.50		4.0	3.261	92.2	1.9	0.4
1045	12/1/2015 06:15:54	9.68	50.33	32.76	8.47		3.6	3.197	91.8	1.6	0.4
1046	12/1/2015 06:30:54	9.52	50.09	32.57	8.43		4.0	3.115	91.0	2.8	0.7
1047	12/1/2015 06:45:54	9.51	50.06	32.55	8.41		4.2	3.055	90.7	1.8	0.4
1048	12/1/2015 07:00:54	9.45	50.00	32.50	8.39		4.3	2.982	90.4	1.8	0.4
1049	12/1/2015 07:15:54	9.46	50.00	32.50	8.38		4.3	2.906	90.3	1.9	0.4
1050	12/1/2015 07:30:54	9.42	49.97	32.48	8.37		4.0	2.863	90.1	1.4	0.3
1051	12/1/2015 07:45:54	9.41	49.92	32.44	8.36		3.9	2.794	90.0	1.4	0.3
1052	12/1/2015 08:00:54	9.36	49.92	32.44	8.37		3.7	2.746	90.0	1.3	0.3
1053	12/1/2015 08:15:54	9.34	49.82	32.37	8.38		3.5	2.682	90.0	2.1	0.5
1054	12/1/2015 08:30:54	9.17	49.68	32.25	8.35		3.7	2.642	89.3	1.2	0.3
1055	12/1/2015 08:45:54	9.09	49.60	32.19	8.37		3.5	2.593	89.3	1.6	0.4
1056	12/1/2015 09:00:54	9.08	49.55	32.15	8.41		3.6	2.562	89.6	1.4	0.3
1057	12/1/2015 09:15:54	9.05	49.51	32.12	8.42		3.4	2.535	89.7	0.9	0.2
1058	12/1/2015 09:30:54	9.05	49.49	32.10	8.43		3.3	2.516	89.8	1.8	0.4
1059	12/1/2015 09:45:54	9.04	49.49	32.10	8.37		3.0	2.501	89.2	1.0	0.2
1060	12/1/2015 10:00:54	9.03	49.43	32.06	8.41		3.3	2.499	89.5	1.7	0.4
1061	12/1/2015 10:15:54	9.15	49.57	32.17	8.39		3.2	2.501	89.6	1.5	0.4
1062	12/1/2015 10:30:54	9.18	49.59	32.19	8.39		3.5	2.526	89.6	1.8	0.4
1063	12/1/2015 10:45:53	9.24	49.62	32.21	8.41		3.4	2.543	90.0	2.1	0.5
1064	12/1/2015 11:00:54	9.26	49.67	32.25	8.36		3.4	2.579	89.5	2.0	0.5
1065	12/1/2015 11:15:54	9.28	49.67	32.25	8.35		3.4	2.626	89.5	1.5	0.4
1066	12/1/2015 11:30:54	9.19	49.49	32.12	8.39		3.6	2.669	89.6	2.4	0.6
1067	12/1/2015 11:45:54	9.29	49.68	32.26	8.37		3.8	2.726	89.8	1.7	0.4
1068	12/1/2015 12:00:53	9.34	49.73	32.30	8.38		3.4	2.775	90.0	1.8	0.4
1069	12/1/2015 12:15:53	9.41	49.83	32.38	8.39		3.6	2.845	90.2	2.1	0.5
1070	12/1/2015 12:30:53	9.51	49.97	32.49	8.41		3.7	2.901	90.7	1.9	0.5
1071	12/1/2015 12:45:54	9.63	50.08	32.58	8.43		3.2	2.958	91.2	1.1	0.3
1072	12/1/2015 13:00:54	9.75	50.15	32.63	8.47		2.7	3.026	91.9	1.3	0.3

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1073	12/1/2015 13:15:54	9.79	50.17	32.65	8.49		3.0	3.089	92.3	1.4	0.3
1074	12/1/2015 13:30:54	9.83	50.20	32.67	8.50		2.8	3.155	92.5	1.9	0.5
1075	12/1/2015 13:45:54	9.88	50.21	32.69	8.52		2.9	3.204	92.7	1.9	0.4
1076	12/1/2015 14:00:54	10.00	50.32	32.77	8.54		2.9	3.263	93.3	1.4	0.3
1077	12/1/2015 14:15:53	10.07	50.36	32.81	8.55		2.6	3.313	93.5	2.5	0.6
1078	12/1/2015 14:30:54	10.14	50.41	32.85	8.56		2.3	3.359	93.9	2.8	0.7
1079	12/1/2015 14:45:54	10.18	50.43	32.86	8.56		2.2	3.395	94.0	1.9	0.5
1080	12/1/2015 15:00:54	10.23	50.47	32.90	8.57		2.3	3.418	94.1	1.8	0.4
1081	12/1/2015 15:15:54	10.27	50.52	32.94	8.55		2.3	3.453	94.1	1.8	0.4
1082	12/1/2015 15:30:53	10.15	50.44	32.87	8.58		2.5	3.443	94.1	2.0	0.5
1083	12/1/2015 15:45:54	10.23	50.45	32.88	8.50		3.0	3.438	93.4	1.5	0.3
1084	12/1/2015 16:00:54	10.24	50.46	32.89	8.51		2.1	3.415	93.5	1.4	0.3
1085	12/1/2015 16:15:54	10.09	50.32	32.78	8.55		2.4	3.380	93.6	1.8	0.4
1086	12/1/2015 16:30:54	10.00	50.13	32.64	8.61		3.9	3.323	94.0	2.0	0.5
1087	12/1/2015 16:45:54	9.97	50.22	32.70	8.60		2.7	3.257	93.9	1.9	0.4
1088	12/1/2015 17:00:54	9.94	50.15	32.65	8.62		3.4	3.186	93.9	1.6	0.4
1089	12/1/2015 17:15:54	9.89	50.06	32.58	8.67		3.7	3.115	94.4	1.8	0.4
1090	12/1/2015 17:30:54	9.84	50.01	32.54	8.71		3.7	3.043	94.7	2.2	0.5
1091	12/1/2015 17:45:54	9.83	50.05	32.56	8.70		4.2	2.952	94.6	2.6	0.6
1092	12/1/2015 18:00:54	9.81	49.99	32.52	8.70		4.0	2.870	94.4	2.0	0.5
1093	12/1/2015 18:15:53	9.76	49.92	32.47	8.72		4.6	2.789	94.6	2.5	0.6
1094	12/1/2015 18:30:54	9.70	49.81	32.38	8.76		4.0	2.703	94.9	1.5	0.4
1095	12/1/2015 18:45:54	9.65	49.77	32.35	8.78		4.3	2.613	94.9	2.1	0.5
1096	12/1/2015 19:00:54	9.69	49.64	32.26	8.86		4.2	2.514	95.9	2.8	0.7
1097	12/1/2015 19:15:54	9.66	49.75	32.33	8.77		4.7	2.417	94.9	2.0	0.5
1098	12/1/2015 19:30:53	9.65	49.79	32.36	8.68		5.1	2.326	93.9	1.8	0.4
1099	12/1/2015 19:45:54	9.67	49.76	32.35	8.67		4.3	2.234	93.8	1.5	0.3
1100	12/1/2015 20:00:54	9.58	49.63	32.25	8.72		5.0	2.138	94.1	3.0	0.7
1101	12/1/2015 20:15:54	9.54	49.57	32.20	8.75		5.6	2.040	94.2	2.2	0.5
1102	12/1/2015 20:30:54	9.47	49.42	32.08	8.81		5.7	1.951	94.7	1.7	0.4
1103	12/1/2015 20:45:54	9.44	49.33	32.02	8.82		5.9	1.882	94.8	1.4	0.3
1104	12/1/2015 21:00:54	9.44	49.30	32.00	8.80		5.6	1.802	94.5	2.3	0.5
1105	12/1/2015 21:15:54	9.40	49.24	31.95	8.84		6.0	1.736	94.8	2.5	0.6
1106	12/1/2015 21:30:54	9.36	49.16	31.89	8.86		5.1	1.703	94.9	2.7	0.6
1107	12/1/2015 21:45:54	9.36	49.20	31.92	8.84		5.6	1.678	94.7	1.8	0.4
1108	12/1/2015 22:00:54	9.35	49.14	31.87	8.83		4.1	1.659	94.6	2.3	0.5
1109	12/1/2015 22:15:54	9.36	49.17	31.90	8.86		4.7	1.657	94.9	2.2	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1110	12/1/2015 22:30:54	9.35	49.14	31.87	8.88		4.7	1.698	95.1	2.2	0.5
1111	12/1/2015 22:45:54	9.36	49.11	31.86	8.88		4.2	1.739	95.1	1.7	0.4
1112	12/1/2015 23:00:54	9.35	49.15	31.89	8.90		4.3	1.790	95.3	1.9	0.5
1113	12/1/2015 23:15:54	9.34	49.06	31.81	8.89		5.1	1.839	95.1	2.3	0.6
1114	12/1/2015 23:30:54	9.26	48.83	31.65	8.87		5.9	1.918	94.7	2.3	0.6
1115	12/1/2015 23:45:53	9.27	48.77	31.60	8.86		5.6	1.991	94.6	1.8	0.4
1116	12/2/2015 00:00:54	9.28	48.88	31.68	8.85		5.1	2.054	94.5	2.0	0.5
1117	12/2/2015 00:15:54	9.35	49.08	31.83	8.84		4.8	2.119	94.6	2.0	0.5
1118	12/2/2015 00:30:54	9.37	49.14	31.88	8.82		4.5	2.191	94.5	1.8	0.4
1119	12/2/2015 00:45:54	9.41	49.26	31.97	8.78		4.3	2.263	94.2	2.4	0.6
1120	12/2/2015 01:00:54	9.50	49.46	32.12	8.71		3.8	2.340	93.8	2.5	0.6
1121	12/2/2015 01:15:53	9.54	49.56	32.19	8.69		4.1	2.406	93.6	2.0	0.5
1122	12/2/2015 01:30:53	9.57	49.61	32.23	8.67		4.8	2.488	93.5	1.8	0.4
1123	12/2/2015 01:45:54	9.61	49.71	32.30	8.67		4.6	2.570	93.6	2.2	0.5
1124	12/2/2015 02:00:54	9.66	49.76	32.34	8.66		5.9	2.650	93.6	2.3	0.5
1125	12/2/2015 02:15:54	9.72	49.84	32.40	8.65		5.3	2.724	93.7	2.7	0.6
1126	12/2/2015 02:30:54	9.74	49.88	32.43	8.65		5.6	2.809	93.8	2.3	0.5
1127	12/2/2015 02:45:54	9.81	49.92	32.47	8.66		5.8	2.895	94.0	2.0	0.5
1128	12/2/2015 03:00:54	9.90	50.01	32.54	8.66		5.0	2.966	94.2	2.7	0.6
1129	12/2/2015 03:15:54	10.00	50.10	32.61	8.66		5.6	3.054	94.5	1.5	0.4
1130	12/2/2015 03:30:54	10.09	50.20	32.69	8.67		5.9	3.141	94.8	2.2	0.5
1131	12/2/2015 03:45:54	10.21	50.29	32.77	8.67		4.9	3.223	95.1	2.0	0.5
1132	12/2/2015 04:00:54	10.30	50.40	32.85	8.68		3.9	3.294	95.5	2.3	0.5
1133	12/2/2015 04:15:54	10.33	50.43	32.88	8.68		4.3	3.359	95.5	2.3	0.5
1134	12/2/2015 04:30:54	10.38	50.41	32.86	8.68		3.6	3.413	95.7	3.1	0.7
1135	12/2/2015 04:45:54	10.43	50.52	32.95	8.70		3.6	3.464	96.0	1.6	0.4
1136	12/2/2015 05:00:54	10.41	50.56	32.97	8.68		3.3	3.489	95.7	1.9	0.4
1137	12/2/2015 05:15:54	10.40	50.41	32.86	8.64		2.8	3.515	95.3	1.9	0.5
1138	12/2/2015 05:30:54	10.35	50.56	32.97	8.58		3.4	3.533	94.6	2.4	0.6
1139	12/2/2015 05:45:54	10.45	50.58	32.99	8.62		2.6	3.504	95.2	2.3	0.5
1140	12/2/2015 06:00:53	10.41	50.53	32.95	8.64		3.0	3.470	95.3	2.1	0.5
1141	12/2/2015 06:15:54	10.12	50.15	32.66	8.70		4.4	3.434	95.2	2.3	0.5
1142	12/2/2015 06:30:54	10.22	50.31	32.78	8.69		3.8	3.386	95.4	1.7	0.4
1143	12/2/2015 06:45:54	10.26	50.28	32.76	8.70		3.7	3.307	95.6	2.1	0.5
1144	12/2/2015 07:00:54	10.24	50.19	32.70	8.72		4.2	3.232	95.7	1.9	0.4
1145	12/2/2015 07:15:54	10.17	50.12	32.64	8.71		4.7	3.182	95.4	1.0	0.2
1146	12/2/2015 07:30:54	10.02	49.92	32.49	8.72		5.4	3.115	95.1	2.0	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1147	12/2/2015 07:45:54	10.00	49.96	32.51	8.69		4.6	3.031	94.8	2.1	0.5
1148	12/2/2015 08:00:54	9.97	49.95	32.50	8.70		4.9	2.974	94.8	2.4	0.6
1149	12/2/2015 08:15:54	9.91	49.84	32.42	8.71		5.1	2.925	94.7	1.4	0.3
1150	12/2/2015 08:30:54	9.90	49.79	32.38	8.71		4.8	2.866	94.7	1.9	0.4
1151	12/2/2015 08:45:54	9.89	49.72	32.33	8.72		5.3	2.797	94.8	2.3	0.6
1152	12/2/2015 09:00:54	9.88	49.64	32.27	8.72		5.5	2.759	94.7	1.8	0.4
1153	12/2/2015 09:15:54	9.83	49.49	32.16	8.74		6.0	2.705	94.7	2.0	0.5
1154	12/2/2015 09:30:54	9.84	49.45	32.13	8.76		6.4	2.665	94.9	1.9	0.4
1155	12/2/2015 09:45:54	9.81	49.34	32.05	8.76		7.0	2.626	94.8	1.8	0.4
1156	12/2/2015 10:00:54	9.83	49.30	32.02	8.76		7.6	2.586	94.8	1.9	0.4
1157	12/2/2015 10:15:54	9.83	49.26	31.99	8.74		7.4	2.564	94.7	2.5	0.6
1158	12/2/2015 10:30:54	9.83	49.25	31.99	8.75		7.6	2.538	94.8	2.5	0.6
1159	12/2/2015 10:45:54	9.84	49.21	31.96	8.74		7.5	2.514	94.7	2.1	0.5
1160	12/2/2015 11:00:54	9.85	49.24	31.98	8.68		6.2	2.503	94.0	2.0	0.5
1161	12/2/2015 11:15:54	9.92	49.19	31.95	8.77		7.2	2.507	95.1	2.4	0.6
1162	12/2/2015 11:30:54	9.96	49.23	31.98	8.77		7.5	2.516	95.2	2.4	0.6
1163	12/2/2015 11:45:54	9.98	49.33	32.05	8.74		6.2	2.532	95.0	2.1	0.5
1164	12/2/2015 12:00:54	10.02	49.33	32.06	8.76		6.5	2.548	95.3	2.0	0.5
1165	12/2/2015 12:15:54	10.08	49.44	32.14	8.75		5.7	2.584	95.4	1.4	0.3
1166	12/2/2015 12:30:54	10.11	49.50	32.19	8.74		5.7	2.629	95.4	2.3	0.5
1167	12/2/2015 12:45:54	10.12	49.58	32.25	8.73		5.0	2.661	95.2	1.5	0.4
1168	12/2/2015 13:00:54	10.16	49.67	32.32	8.72		4.4	2.716	95.3	2.2	0.5
1169	12/2/2015 13:15:54	10.19	49.74	32.37	8.71		4.3	2.760	95.3	1.2	0.3
1170	12/2/2015 13:30:54	10.17	49.84	32.44	8.68		4.4	2.822	94.9	1.5	0.4
1171	12/2/2015 13:45:54	10.28	49.98	32.55	8.68		4.2	2.866	95.2	1.5	0.4
1172	12/2/2015 14:00:54	10.33	50.03	32.58	8.69		3.5	2.911	95.5	2.4	0.6
1173	12/2/2015 14:15:54	10.32	50.05	32.60	8.69		3.2	2.964	95.5	1.4	0.3
1174	12/2/2015 14:30:54	10.30	50.06	32.60	8.66		3.4	3.014	95.2	2.1	0.5
1175	12/2/2015 14:45:54	10.29	50.05	32.60	8.67		3.6	3.065	95.2	1.7	0.4
1176	12/2/2015 15:00:54	10.28	50.09	32.62	8.63		3.2	3.103	94.8	2.0	0.5
1177	12/2/2015 15:15:54	10.28	50.12	32.64	8.62		3.1	3.157	94.7	1.9	0.4
1178	12/2/2015 15:30:54	10.34	50.18	32.70	8.62		3.3	3.198	94.8	1.7	0.4
1179	12/2/2015 15:45:54	10.38	50.25	32.75	8.61		2.7	3.217	94.8	2.2	0.5
1180	12/2/2015 16:00:54	10.40	50.26	32.76	8.59		3.1	3.249	94.6	2.1	0.5
1181	12/2/2015 16:15:54	10.45	50.22	32.73	8.60		2.8	3.260	94.8	2.2	0.5
1182	12/2/2015 16:30:54	10.41	50.26	32.76	8.55		2.5	3.270	94.2	2.7	0.6
1183	12/2/2015 16:45:54	10.43	50.26	32.76	8.51		2.5	3.255	93.8	1.0	0.2

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1184	12/2/2015 17:00:54	10.48	50.34	32.82	8.51		2.4	3.235	94.0	1.5	0.4
1185	12/2/2015 17:15:54	10.44	50.29	32.78	8.51		2.6	3.225	93.9	1.7	0.4
1186	12/2/2015 17:30:54	10.49	50.12	32.66	8.56		3.1	3.171	94.5	2.0	0.5
1187	12/2/2015 17:45:54	10.49	50.15	32.68	8.58		2.9	3.117	94.7	1.8	0.4
1188	12/2/2015 18:00:54	10.52	50.15	32.68	8.59		3.2	3.059	94.8	2.6	0.6
1189	12/2/2015 18:15:54	10.53	50.05	32.61	8.59		3.7	3.001	94.9	1.6	0.4
1190	12/2/2015 18:30:54	10.55	49.96	32.55	8.59		3.9	2.941	94.8	1.6	0.4
1191	12/2/2015 18:45:54	10.55	49.88	32.49	8.59		4.5	2.851	94.8	1.9	0.5
1192	12/2/2015 19:00:54	10.61	49.75	32.40	8.60		5.3	2.785	95.0	1.7	0.4
1193	12/2/2015 19:15:54	10.60	49.70	32.36	8.60		5.1	2.714	95.0	1.5	0.4
1194	12/2/2015 19:30:55	10.61	49.70	32.36	8.60		6.1	2.635	94.9	2.0	0.5
1195	12/2/2015 19:45:54	10.57	49.65	32.33	8.60		6.5	2.567	94.8	2.8	0.7
1196	12/2/2015 20:00:54	10.56	49.63	32.31	8.60		7.9	2.500	94.9	2.1	0.5
1197	12/2/2015 20:15:54	10.66	49.55	32.26	8.59		10.6	2.447	94.9	2.4	0.6
1198	12/2/2015 20:30:54	10.62	49.44	32.17	8.60		12.5	2.352	94.8	2.8	0.7
1199	12/2/2015 20:45:54	10.67	49.39	32.14	8.58		13.4	2.281	94.7	2.6	0.6
1200	12/2/2015 21:00:54	10.65	49.21	32.01	8.59		16.4	2.198	94.7	2.2	0.5
1201	12/2/2015 21:15:54	10.76	49.13	31.96	8.56		23.0	2.119	94.6	3.0	0.7
1202	12/2/2015 21:30:54	10.67	49.08	31.92	8.59		25.5	2.032	94.7	2.8	0.7
1203	12/2/2015 21:45:54	10.66	49.04	31.89	8.59		23.7	1.996	94.6	3.4	0.8
1204	12/2/2015 22:00:53	10.67	49.02	31.88	8.57		25.0	1.943	94.4	2.8	0.7
1205	12/2/2015 22:15:54	10.70	49.02	31.88	8.56		26.2	1.887	94.4	3.4	0.8
1206	12/2/2015 22:30:54	10.71	49.00	31.87	8.55		20.0	1.861	94.3	3.1	0.7
1207	12/2/2015 22:45:54	10.73	49.00	31.87	8.51		22.2	1.852	93.9	2.5	0.6
1208	12/2/2015 23:00:54	10.74	48.98	31.85	8.56		22.7	1.871	94.5	3.1	0.7
1209	12/2/2015 23:15:54	10.63	49.11	31.93	8.56		16.6	1.859	94.2	1.7	0.4
1210	12/2/2015 23:30:54	10.65	49.10	31.93	8.57		17.0	1.891	94.4	3.2	0.8
1211	12/2/2015 23:45:54	10.65	49.16	31.98	8.56		18.1	1.944	94.3	2.1	0.5
1212	12/3/2015 00:00:54	10.60	49.24	32.03	8.57		14.9	1.977	94.4	2.9	0.7
1213	12/3/2015 00:15:54	10.67	49.11	31.94	8.59		15.4	2.030	94.7	2.8	0.7
1214	12/3/2015 00:30:54	10.62	49.18	31.99	8.58		13.2	2.094	94.5	1.7	0.4
1215	12/3/2015 00:45:54	10.61	49.27	32.05	8.57		10.1	2.172	94.5	2.5	0.6
1216	12/3/2015 01:00:54	10.60	49.32	32.09	8.56		9.4	2.248	94.4	3.0	0.7
1217	12/3/2015 01:15:54	10.59	49.48	32.20	8.55		8.4	2.300	94.2	2.1	0.5
1218	12/3/2015 01:30:54	10.54	49.59	32.28	8.54		7.9	2.368	94.1	1.9	0.4
1219	12/3/2015 01:45:54	10.49	49.59	32.27	8.54		7.8	2.439	94.0	2.0	0.5
1220	12/3/2015 02:00:54	10.49	49.57	32.26	8.54		9.2	2.507	94.0	2.6	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1221	12/3/2015 02:15:54	10.47	49.56	32.25	8.54		9.5	2.567	93.9	2.6	0.6
1222	12/3/2015 02:30:54	10.43	49.59	32.27	8.54		8.6	2.629	93.9	2.7	0.6
1223	12/3/2015 02:45:54	10.43	49.65	32.31	8.53		8.8	2.703	93.8	2.4	0.6
1224	12/3/2015 03:00:54	10.43	49.72	32.37	8.52		7.9	2.760	93.7	2.1	0.5
1225	12/3/2015 03:15:54	10.43	49.82	32.44	8.51		7.5	2.849	93.7	2.6	0.6
1226	12/3/2015 03:30:54	10.47	49.91	32.50	8.51		7.1	2.946	93.8	1.8	0.4
1227	12/3/2015 03:45:54	10.53	50.03	32.60	8.52		6.8	3.024	94.1	2.5	0.6
1228	12/3/2015 04:00:54	10.63	50.17	32.70	8.53		6.7	3.098	94.5	3.1	0.7
1229	12/3/2015 04:15:53	10.76	50.29	32.80	8.55		7.6	3.190	95.0	2.5	0.6
1230	12/3/2015 04:30:54	10.88	50.39	32.88	8.57		6.1	3.263	95.4	2.5	0.6
1231	12/3/2015 04:45:53	11.05	50.49	32.96	8.59		5.3	3.354	96.1	2.5	0.6
1232	12/3/2015 05:00:54	11.08	50.55	33.00	8.59		5.6	3.401	96.2	2.0	0.5
1233	12/3/2015 05:15:54	11.12	50.58	33.03	8.60		4.9	3.458	96.4	2.8	0.7
1234	12/3/2015 05:30:54	11.12	50.59	33.04	8.60		3.9	3.478	96.4	2.5	0.6
1235	12/3/2015 05:45:54	11.16	50.60	33.05	8.60		4.5	3.514	96.5	2.1	0.5
1236	12/3/2015 06:00:54	11.15	50.60	33.04	8.60		3.9	3.521	96.4	2.0	0.5
1237	12/3/2015 06:15:54	11.16	50.61	33.05	8.57		3.4	3.540	96.2	3.2	0.8
1238	12/3/2015 06:30:53	11.16	50.62	33.06	8.52		2.9	3.566	95.6	2.7	0.6
1239	12/3/2015 06:45:54	11.18	50.61	33.05	8.56		2.8	3.531	96.1	2.3	0.5
1240	12/3/2015 07:00:54	11.07	50.48	32.96	8.54		4.5	3.489	95.6	3.1	0.7
1241	12/3/2015 07:15:54	11.14	50.56	33.01	8.55		5.4	3.476	95.9	2.6	0.6
1242	12/3/2015 07:30:54	11.03	50.39	32.89	8.57		6.0	3.411	95.8	2.7	0.6
1243	12/3/2015 07:45:54	10.95	50.30	32.82	8.55		7.7	3.349	95.4	2.4	0.6
1244	12/3/2015 08:00:54	10.88	50.22	32.76	8.54		10.8	3.315	95.0	2.9	0.7
1245	12/3/2015 08:15:54	10.89	50.12	32.69	8.54		13.6	3.268	95.0	3.2	0.8
1246	12/3/2015 08:30:54	10.90	50.04	32.63	8.53		13.9	3.192	94.9	2.3	0.5
1247	12/3/2015 08:45:54	10.90	49.87	32.51	8.52		16.6	3.148	94.7	2.5	0.6
1248	12/3/2015 09:00:54	10.81	49.87	32.50	8.53		15.7	3.107	94.6	2.8	0.7
1249	12/3/2015 09:15:54	10.73	49.82	32.46	8.53		15.3	3.026	94.5	2.4	0.6
1250	12/3/2015 09:30:54	10.68	49.81	32.44	8.52		15.5	2.910	94.3	1.4	0.3
1251	12/3/2015 09:45:54	10.66	49.68	32.35	8.53		18.0	2.867	94.2	2.5	0.6
1252	12/3/2015 10:00:55	10.68	49.60	32.29	8.52		20.7	2.808	94.1	2.5	0.6
1253	12/3/2015 10:15:54	10.71	49.43	32.17	8.51		22.9	2.778	94.0	2.7	0.6
1254	12/3/2015 10:30:53	10.75	49.32	32.10	8.51		23.7	2.659	94.1	2.3	0.6
1255	12/3/2015 10:45:54	10.79	49.21	32.02	8.48		24.9	2.665	93.8	3.2	0.8
1256	12/3/2015 11:00:54	10.82	49.09	31.94	8.49		26.1	2.623	93.9	1.7	0.4
1257	12/3/2015 11:15:54	10.88	48.86	31.77	8.47		26.3	2.614	93.7	3.1	0.7

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1258	12/3/2015 11:30:54	10.89	48.85	31.77	8.48		24.7	2.573	93.8	2.8	0.7
1259	12/3/2015 11:45:54	10.91	48.78	31.71	8.46		23.0	2.535	93.6	4.7	1.1
1260	12/3/2015 12:00:54	10.89	48.82	31.75	8.47		24.7	2.506	93.7	3.1	0.8
1261	12/3/2015 12:15:54	10.90	48.83	31.75	8.46		22.7	2.486	93.6	3.1	0.7
1262	12/3/2015 12:30:54	10.94	48.82	31.74	8.43		20.9	2.511	93.3	3.0	0.7
1263	12/3/2015 12:45:54	10.86	49.03	31.90	8.50		18.3	2.505	94.0	2.9	0.7
1264	12/3/2015 13:00:54	10.77	49.21	32.02	8.40		15.0	2.508	92.8	1.4	0.3
1265	12/3/2015 13:15:54	10.76	49.24	32.04	8.44		18.1	2.547	93.3	2.5	0.6
1266	12/3/2015 13:30:54	10.79	49.21	32.02	8.44		17.3	2.552	93.3	2.2	0.5
1267	12/3/2015 13:45:54	10.88	49.10	31.95	8.46		17.7	2.572	93.7	1.4	0.3
1268	12/3/2015 14:00:54	10.94	49.05	31.91	8.50		14.1	2.644	94.2	3.1	0.7
1269	12/3/2015 14:15:54	10.86	49.18	32.00	8.50		13.0	2.670	94.1	2.5	0.6
1270	12/3/2015 14:30:54	10.83	49.38	32.14	8.50		11.4	2.740	94.2	2.2	0.5
1271	12/3/2015 14:45:54	10.85	49.50	32.23	8.51		8.6	2.781	94.4	2.3	0.5
1272	12/3/2015 15:00:54	10.87	49.38	32.15	8.50		9.4	2.844	94.3	2.6	0.6
1273	12/3/2015 15:15:54	10.87	49.28	32.07	8.53		9.6	2.915	94.5	2.5	0.6
1274	12/3/2015 15:30:54	10.85	49.44	32.19	8.52		9.3	2.946	94.5	2.8	0.7
1275	12/3/2015 15:45:55	10.84	49.60	32.31	8.51		8.4	3.023	94.4	2.0	0.5
1276	12/3/2015 16:00:54	10.84	49.66	32.35	8.49		8.6	3.081	94.1	3.0	0.7
1277	12/3/2015 16:15:54	10.83	49.62	32.32	8.48		8.7	3.109	94.1	2.4	0.6
1278	12/3/2015 16:30:54	10.84	49.58	32.29	8.48		8.6	3.121	94.0	2.9	0.7
1279	12/3/2015 16:45:54	10.83	49.57	32.28	8.47		8.4	3.148	93.9	2.4	0.6
1280	12/3/2015 17:00:53	10.83	49.58	32.29	8.45		9.0	3.163	93.7	2.4	0.6
1281	12/3/2015 17:15:54	10.83	49.61	32.31	8.41		6.3	3.206	93.2	2.4	0.6
1282	12/3/2015 17:30:54	10.84	49.63	32.32	8.32		6.8	3.185	92.2	2.1	0.5
1283	12/3/2015 17:45:54	10.82	49.65	32.34	8.38		7.6	3.189	93.0	2.5	0.6
1284	12/3/2015 18:00:54	10.82	49.67	32.35	8.40		7.7	3.190	93.2	2.3	0.5
1285	12/3/2015 18:15:55	10.82	49.67	32.35	8.41		7.1	3.162	93.2	2.3	0.5
1286	12/3/2015 18:30:54	10.83	49.64	32.33	8.39		7.0	3.127	93.1	1.8	0.4
1287	12/3/2015 18:45:54	10.85	49.65	32.34	8.44		8.2	3.075	93.6	2.9	0.7
1288	12/3/2015 19:00:54	10.85	49.63	32.33	8.43		7.5	3.080	93.5	2.3	0.6
1289	12/3/2015 19:15:54	10.85	49.59	32.30	8.44		8.3	2.999	93.6	2.5	0.6
1290	12/3/2015 19:30:54	10.85	49.44	32.19	8.43		7.9	2.946	93.4	3.1	0.7
1291	12/3/2015 19:45:54	10.87	49.14	31.98	8.42		8.8	2.881	93.2	2.7	0.6
1292	12/3/2015 20:00:54	10.85	49.18	32.00	8.40		9.2	2.842	93.1	2.5	0.6
1293	12/3/2015 20:15:53	10.84	49.23	32.04	8.39		10.6	2.768	92.9	2.3	0.6
1294	12/3/2015 20:30:54	10.84	49.18	32.00	8.38		10.3	2.685	92.8	2.4	0.6

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1295	12/3/2015 20:45:54	10.84	49.07	31.92	8.37		10.1	2.641	92.6	2.1	0.5
1296	12/3/2015 21:00:54	10.84	49.01	31.87	8.36		11.1	2.582	92.5	2.5	0.6
1297	12/3/2015 21:15:54	10.84	48.95	31.83	8.34		10.6	2.485	92.3	2.7	0.6
1298	12/3/2015 21:30:54	10.84	48.85	31.76	8.35		10.9	2.444	92.3	1.8	0.4
1299	12/3/2015 21:45:54	10.85	48.76	31.70	8.37		11.2	2.380	92.5	2.3	0.5
1300	12/3/2015 22:00:54	10.83	48.80	31.72	8.36		10.6	2.322	92.4	2.1	0.5
1301	12/3/2015 22:15:54	10.84	48.66	31.62	8.33		10.9	2.237	91.9	2.1	0.5
1302	12/3/2015 22:30:54	10.83	48.65	31.61	8.34		11.7	2.206	92.1	2.4	0.6
1303	12/3/2015 22:45:54	10.85	48.58	31.57	8.34		11.2	2.139	92.1	2.0	0.5
1304	12/3/2015 23:00:54	10.83	48.57	31.56	8.34		11.2	2.074	92.0	2.4	0.6
1305	12/3/2015 23:15:54	10.84	48.53	31.53	8.33		11.2	2.077	91.9	2.3	0.5
1306	12/3/2015 23:30:55	10.85	48.50	31.51	8.33		11.3	2.054	92.0	2.3	0.6
1307	12/3/2015 23:45:54	10.84	48.50	31.51	8.23		10.5	2.025	90.8	2.0	0.5
1308	12/4/2015 00:00:54	10.87	48.68	31.64	8.28		9.0	2.040	91.5	2.1	0.5
1309	12/4/2015 00:15:53	10.86	48.74	31.69	8.30		9.8	2.035	91.8	2.4	0.6
1310	12/4/2015 00:30:54	10.84	48.68	31.64	8.32		9.9	2.045	91.8	2.7	0.6
1311	12/4/2015 00:45:54	10.85	48.74	31.68	8.32		9.8	2.093	92.0	2.4	0.6
1312	12/4/2015 01:00:54	10.83	48.68	31.64	8.31		9.6	2.141	91.8	2.5	0.6
1313	12/4/2015 01:15:54	10.79	48.49	31.50	8.31		9.1	2.198	91.6	2.5	0.6
1314	12/4/2015 01:30:54	10.82	48.60	31.58	8.32		9.0	2.251	91.8	2.3	0.5
1315	12/4/2015 01:45:54	10.83	48.61	31.59	8.32		9.0	2.305	91.8	1.5	0.4
1316	12/4/2015 02:00:54	10.83	48.59	31.57	8.32		9.3	2.381	91.9	2.5	0.6
1317	12/4/2015 02:15:54	10.83	48.61	31.59	8.34		10.2	2.440	92.0	2.3	0.5
1318	12/4/2015 02:30:54	10.83	48.70	31.65	8.22		8.9	2.506	90.8	1.8	0.4
1319	12/4/2015 02:45:54	10.82	48.88	31.78	8.21		8.6	2.558	90.7	2.1	0.5
1320	12/4/2015 03:00:54	10.76	48.98	31.85	8.26		9.4	2.634	91.2	1.7	0.4
1321	12/4/2015 03:15:54	10.74	49.03	31.88	8.27		9.7	2.715	91.3	2.3	0.6
1322	12/4/2015 03:30:54	10.74	49.10	31.94	8.27		9.8	2.776	91.3	1.6	0.4
1323	12/4/2015 03:45:54	10.74	49.13	31.96	8.28		10.7	2.847	91.4	2.5	0.6
1324	12/4/2015 04:00:54	10.74	49.20	32.01	8.29		11.5	2.924	91.5	2.6	0.6
1325	12/4/2015 04:15:54	10.75	49.31	32.09	8.29		11.6	3.016	91.6	2.4	0.6
1326	12/4/2015 04:30:54	10.75	49.34	32.11	8.29		12.0	3.091	91.6	1.4	0.3
1327	12/4/2015 04:45:54	10.77	49.46	32.20	8.28		11.1	3.174	91.7	2.6	0.6
1328	12/4/2015 05:00:54	10.79	49.52	32.25	8.29		10.4	3.262	91.8	2.8	0.7
1329	12/4/2015 05:15:54	10.82	49.61	32.31	8.30		10.2	3.330	92.0	2.9	0.7
1330	12/4/2015 05:30:54	10.84	49.64	32.34	8.29		10.5	3.380	91.9	2.8	0.7
1331	12/4/2015 05:45:54	10.87	49.76	32.42	8.31		7.9	3.456	92.3	2.1	0.5

sonde #4

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1332	12/4/2015 06:00:54	10.93	49.84	32.48	8.32		7.3	3.497	92.6	2.0	0.5
1333	12/4/2015 06:15:55	10.94	49.87	32.51	8.32		6.2	3.528	92.6	1.9	0.4
1334	12/4/2015 06:30:54	10.96	49.90	32.53	8.32		9.3	3.582	92.6	2.2	0.5
1335	12/4/2015 06:45:54	10.96	49.92	32.54	8.29		4.9	3.626	92.3	2.4	0.6
1336	12/4/2015 07:00:54	10.93	49.83	32.48	8.25		4.4	3.606	91.8	1.9	0.5
1337	12/4/2015 07:15:54	10.96	49.91	32.53	8.23		5.1	3.631	91.6	1.7	0.4
1338	12/4/2015 07:30:54	10.96	49.92	32.55	8.26		5.1	3.595	91.9	1.4	0.3
1339	12/4/2015 07:45:54	10.92	49.85	32.49	8.25		7.4	3.550	91.7	2.3	0.5
1340	12/4/2015 08:00:54	10.62	49.27	32.05	8.26		6.4	3.518	91.0	2.2	0.5
1341	12/4/2015 08:15:54	10.69	49.45	32.19	8.24		6.4	3.462	91.1	1.5	0.3
	Mean	10.99	49.48	32.22	8.21		8.46	2.69	91.27	2.13	0.51
	Minimum	8.49	46.64	30.17	7.28		2.10	0.85	80.40	0.70	0.20
	Maximum	13.12	50.95	33.24	8.90		30.80	4.14	98.70	6.30	1.50

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

Sonde malfunction, pH readings "jumpy"; Sonde failure as pH probes tested on sonde failed calibration requirements (e.g., diagnostic tests)

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	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
0	12/4/2015 09:01:11	10.80	48.79	31.71	8.60	7.94	5.2	3.308	94.9	1.9	0.4
1	12/4/2015 09:16:12	10.79	48.56	31.55	8.54	7.93	6.2	3.263	94.2	1.7	0.4
2	12/4/2015 09:31:11	10.78	48.37	31.41	8.54	7.93	5.9	3.179	94.1	1.5	0.3
3	12/4/2015 09:46:12	10.79	48.24	31.32	8.54	7.93	5.7	3.099	94.0	1.5	0.4
4	12/4/2015 10:01:11	10.79	48.10	31.22	8.55	7.93	5.7	3.049	94.0	1.8	0.4
5	12/4/2015 10:16:11	10.81	47.98	31.13	8.54	7.93	6.1	2.967	93.9	1.4	0.3
6	12/4/2015 10:31:12	10.85	47.87	31.06	8.55	7.93	6.1	2.893	94.1	1.7	0.4
7	12/4/2015 10:46:12	10.86	47.89	31.07	8.55	7.93	5.7	2.861	94.1	1.4	0.3
8	12/4/2015 11:01:12	10.93	47.78	31.00	8.58	7.93	6.3	2.779	94.5	0.9	0.2
9	12/4/2015 11:16:11	10.96	47.81	31.02	8.61	7.94	6.5	2.703	95.0	1.7	0.4
10	12/4/2015 11:31:12	11.00	47.84	31.04	8.66	7.94	6.6	2.651	95.6	1.7	0.4
11	12/4/2015 11:46:11	11.12	47.90	31.09	8.72	7.95	6.2	2.607	96.5	1.3	0.3
12	12/4/2015 12:01:11	11.13	47.74	30.97	8.80	7.95	6.3	2.518	97.3	1.4	0.3
13	12/4/2015 12:16:11	11.11	47.73	30.97	8.77	7.95	6.5	2.506	97.0	1.4	0.3
14	12/4/2015 12:31:11	11.17	47.55	30.84	8.75	7.95	6.3	2.463	96.9	1.3	0.3
15	12/4/2015 12:46:11	11.17	47.57	30.86	8.79	7.95	6.4	2.418	97.3	1.3	0.3
16	12/4/2015 13:01:11	11.20	47.22	30.60	8.78	7.95	6.2	2.349	97.1	1.2	0.3
17	12/4/2015 13:16:11	11.20	47.41	30.74	8.73	7.95	5.9	2.341	96.6	1.6	0.4
18	12/4/2015 13:31:12	10.93	47.59	30.86	8.50	7.93	5.4	2.350	93.6	0.7	0.2
19	12/4/2015 13:46:12	10.92	47.71	30.95	8.51	7.94	6.2	2.366	93.8	1.3	0.3
20	12/4/2015 14:01:12	10.93	47.68	30.92	8.53	7.94	6.3	2.380	93.9	1.2	0.3
21	12/4/2015 14:16:12	10.95	47.68	30.92	8.56	7.94	6.1	2.386	94.3	1.0	0.2
22	12/4/2015 14:31:11	10.99	47.51	30.80	8.57	7.94	5.7	2.433	94.5	1.1	0.3
23	12/4/2015 14:46:12	11.10	47.40	30.73	8.59	7.94	6.2	2.488	94.8	1.2	0.3
24	12/4/2015 15:01:11	11.14	47.16	30.56	8.59	7.93	6.2	2.495	94.9	1.3	0.3
25	12/4/2015 15:16:11	11.07	47.17	30.57	8.59	7.93	6.4	2.546	94.7	1.6	0.4
26	12/4/2015 15:31:11	11.00	47.44	30.76	8.55	7.94	6.2	2.620	94.3	1.5	0.3
27	12/4/2015 15:46:11	11.00	47.39	30.72	8.57	7.94	5.7	2.666	94.4	0.7	0.2
28	12/4/2015 16:01:11	11.05	47.03	30.46	8.58	7.94	6.1	2.705	94.5	1.2	0.3
29	12/4/2015 16:16:11	10.98	47.16	30.55	8.61	7.94	5.3	2.744	94.7	1.6	0.4
30	12/4/2015 16:31:11	10.91	47.79	31.00	8.53	7.94	5.5	2.820	94.0	1.2	0.3
31	12/4/2015 16:46:11	10.93	47.90	31.08	8.55	7.95	5.3	2.855	94.3	1.3	0.3
32	12/4/2015 17:01:11	10.95	48.03	31.18	8.56	7.95	5.0	2.902	94.5	1.6	0.4
33	12/4/2015 17:16:11	10.95	47.97	31.13	8.56	7.95	5.6	2.939	94.5	1.7	0.4
34	12/4/2015 17:31:11	10.94	47.88	31.07	8.57	7.95	5.4	2.984	94.5	1.9	0.4
35	12/4/2015 17:46:12	10.92	48.07	31.21	8.53	7.95	5.4	3.050	94.1	1.2	0.3
36	12/4/2015 18:01:12	10.91	48.00	31.15	8.51	7.95	5.3	3.047	93.9	1.6	0.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
37	12/4/2015 18:16:12	10.91	48.03	31.17	8.49	7.95	5.4	3.088	93.7	1.6	0.4
38	12/4/2015 18:31:12	10.90	48.16	31.27	8.49	7.95	5.0	3.109	93.6	1.7	0.4
39	12/4/2015 18:46:12	10.92	48.17	31.28	8.48	7.95	4.3	3.107	93.6	1.8	0.4
40	12/4/2015 19:01:12	10.93	48.16	31.27	8.41	7.95	4.0	3.131	92.8	1.9	0.4
41	12/4/2015 19:16:12	10.92	48.03	31.18	8.43	7.95	4.4	3.119	93.0	1.7	0.4
42	12/4/2015 19:31:12	10.92	48.01	31.16	8.43	7.94	4.3	3.125	92.9	0.9	0.2
43	12/4/2015 19:46:12	10.92	47.92	31.09	8.44	7.94	5.4	3.077	93.0	1.6	0.4
44	12/4/2015 20:01:12	10.90	47.91	31.08	8.42	7.94	4.8	3.053	92.7	1.6	0.4
45	12/4/2015 20:16:11	10.90	47.73	30.96	8.40	7.94	5.3	2.991	92.5	1.5	0.4
46	12/4/2015 20:31:11	10.83	47.41	30.72	8.50	7.94	5.3	2.954	93.3	1.3	0.3
47	12/4/2015 20:46:12	10.80	47.42	30.73	8.52	7.94	5.7	2.913	93.4	1.8	0.4
48	12/4/2015 21:01:11	10.82	47.35	30.68	8.57	7.94	6.0	2.841	94.1	1.9	0.4
49	12/4/2015 21:16:11	10.86	47.49	30.78	8.59	7.94	5.7	2.811	94.4	1.1	0.3
50	12/4/2015 21:31:11	10.86	47.29	30.64	8.58	7.94	5.6	2.740	94.2	1.2	0.3
51	12/4/2015 21:46:11	10.86	47.25	30.61	8.60	7.94	6.4	2.678	94.4	1.3	0.3
52	12/4/2015 22:01:11	10.86	47.13	30.52	8.61	7.94	6.1	2.628	94.5	1.1	0.3
53	12/4/2015 22:16:11	10.82	47.16	30.55	8.62	7.94	6.3	2.555	94.5	1.7	0.4
54	12/4/2015 22:31:11	10.85	47.01	30.43	8.62	7.94	6.4	2.504	94.5	2.1	0.5
55	12/4/2015 22:46:12	10.84	47.02	30.44	8.60	7.94	6.2	2.466	94.2	1.5	0.3
56	12/4/2015 23:01:12	10.80	46.99	30.42	8.60	7.94	6.5	2.417	94.2	1.6	0.4
57	12/4/2015 23:16:12	10.84	47.00	30.43	8.59	7.94	6.7	2.379	94.2	1.5	0.4
58	12/4/2015 23:31:11	10.81	46.98	30.41	8.59	7.94	6.8	2.311	94.1	1.5	0.4
59	12/4/2015 23:46:12	10.75	47.02	30.44	8.54	7.93	6.3	2.277	93.4	1.7	0.4
60	12/5/2015 00:01:12	10.75	46.97	30.40	8.48	7.93	5.7	2.258	92.7	1.7	0.4
61	12/5/2015 00:16:11	10.76	47.07	30.48	8.50	7.93	5.5	2.218	93.0	1.8	0.4
62	12/5/2015 00:31:12	10.85	47.23	30.60	8.38	7.93	5.0	2.204	91.9	2.0	0.5
63	12/5/2015 00:46:11	10.85	47.17	30.56	8.44	7.93	5.0	2.209	92.6	1.8	0.4
64	12/5/2015 01:01:11	10.85	47.10	30.50	8.43	7.93	5.3	2.219	92.4	1.5	0.3
65	12/5/2015 01:16:11	10.84	47.07	30.48	8.46	7.93	5.6	2.238	92.7	1.7	0.4
66	12/5/2015 01:31:12	10.83	47.09	30.49	8.49	7.93	5.6	2.281	93.0	1.8	0.4
67	12/5/2015 01:46:11	10.84	47.04	30.46	8.49	7.93	5.7	2.294	93.1	1.8	0.4
68	12/5/2015 02:01:12	10.83	47.06	30.47	8.51	7.93	5.4	2.348	93.3	1.3	0.3
69	12/5/2015 02:16:11	10.79	46.84	30.31	8.51	7.93	5.8	2.404	93.1	1.8	0.4
70	12/5/2015 02:31:11	10.83	47.10	30.50	8.49	7.93	5.5	2.461	93.1	1.6	0.4
71	12/5/2015 02:46:11	10.85	47.05	30.46	8.50	7.93	5.9	2.517	93.2	1.3	0.3
72	12/5/2015 03:01:11	10.87	47.22	30.59	8.50	7.93	5.5	2.582	93.3	1.6	0.4
73	12/5/2015 03:16:11	10.86	47.26	30.62	8.48	7.94	5.5	2.656	93.1	1.4	0.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
74	12/5/2015 03:31:11	10.88	47.37	30.70	8.46	7.94	5.9	2.707	92.9	1.1	0.3
75	12/5/2015 03:46:12	10.87	47.69	30.92	8.45	7.94	5.7	2.776	92.9	1.6	0.4
76	12/5/2015 04:01:11	10.87	47.63	30.88	8.46	7.94	6.2	2.833	93.1	1.7	0.4
77	12/5/2015 04:16:11	10.86	47.55	30.83	8.49	7.94	6.5	2.919	93.4	1.4	0.3
78	12/5/2015 04:31:12	10.85	47.77	30.98	8.47	7.94	7.6	2.976	93.2	1.6	0.4
79	12/5/2015 04:46:11	10.86	47.80	31.01	8.47	7.94	7.5	3.055	93.2	1.9	0.4
80	12/5/2015 05:01:11	10.85	47.75	30.97	8.48	7.95	6.7	3.145	93.2	2.0	0.5
81	12/5/2015 05:16:12	10.90	47.99	31.14	8.46	7.95	8.6	3.221	93.3	2.2	0.5
82	12/5/2015 05:31:11	10.94	48.06	31.20	8.50	7.96	8.7	3.292	93.8	1.9	0.4
83	12/5/2015 05:46:12	11.00	48.29	31.36	8.53	7.97	9.4	3.383	94.4	1.9	0.5
84	12/5/2015 06:01:12	11.06	48.43	31.47	8.55	7.98	8.1	3.456	94.8	1.8	0.4
85	12/5/2015 06:16:12	11.11	48.54	31.56	8.56	7.99	6.8	3.511	95.1	1.9	0.4
86	12/5/2015 06:31:12	11.17	48.66	31.64	8.59	8.00	6.5	3.573	95.5	1.9	0.4
87	12/5/2015 06:46:11	11.22	48.41	31.47	8.63	8.00	5.2	3.636	96.0	1.5	0.4
88	12/5/2015 07:01:11	11.28	48.76	31.72	8.66	8.01	4.8	3.659	96.6	2.3	0.5
89	12/5/2015 07:16:11	11.30	48.62	31.62	8.68	8.01	4.2	3.691	96.8	1.9	0.4
90	12/5/2015 07:31:12	11.30	48.77	31.73	8.65	8.01	3.7	3.716	96.5	2.2	0.5
91	12/5/2015 07:46:12	11.22	48.75	31.71	8.57	8.00	3.3	3.716	95.4	1.4	0.3
92	12/5/2015 08:01:12	11.23	48.71	31.68	8.50	8.00	4.8	3.694	94.7	1.6	0.4
93	12/5/2015 08:16:12	11.28	48.71	31.69	8.58	8.00	5.0	3.668	95.7	1.9	0.4
94	12/5/2015 08:31:12	11.17	48.73	31.69	8.53	7.99	4.6	3.631	94.9	1.6	0.4
95	12/5/2015 08:46:11	11.03	48.27	31.35	8.53	7.98	5.0	3.586	94.4	2.0	0.5
96	12/5/2015 09:01:11	10.82	47.84	31.03	8.48	7.95	5.3	3.514	93.3	1.9	0.4
97	12/5/2015 09:16:11	10.90	48.08	31.21	8.57	7.97	4.8	3.453	94.5	1.9	0.4
98	12/5/2015 09:31:11	10.91	47.95	31.11	8.54	7.96	5.8	3.378	94.2	1.6	0.4
99	12/5/2015 09:46:12	10.86	48.10	31.22	8.55	7.96	6.4	3.301	94.2	1.8	0.4
100	12/5/2015 10:01:12	10.78	47.75	30.97	8.55	7.95	5.5	3.215	93.9	1.8	0.4
101	12/5/2015 10:16:12	10.82	47.88	31.06	8.58	7.95	5.7	3.151	94.3	1.5	0.3
102	12/5/2015 10:31:12	10.80	47.75	30.97	8.56	7.95	5.8	3.067	94.1	1.6	0.4
103	12/5/2015 10:46:11	10.82	47.78	30.99	8.60	7.95	5.7	2.976	94.5	1.7	0.4
104	12/5/2015 11:01:11	10.80	47.76	30.97	8.59	7.95	6.1	2.906	94.4	1.8	0.4
105	12/5/2015 11:16:11	10.80	47.67	30.91	8.62	7.95	6.1	2.830	94.7	1.4	0.3
106	12/5/2015 11:31:12	10.79	47.44	30.74	8.65	7.94	8.1	2.740	94.8	1.7	0.4
107	12/5/2015 11:46:12	10.76	47.26	30.61	8.69	7.94	9.2	2.666	95.2	1.8	0.4
108	12/5/2015 12:01:12	10.75	47.12	30.51	8.70	7.94	9.4	2.588	95.3	1.7	0.4
109	12/5/2015 12:16:12	10.74	46.91	30.36	8.71	7.94	9.8	2.511	95.3	2.2	0.5
110	12/5/2015 12:31:11	10.75	46.70	30.21	8.76	7.94	12.6	2.436	95.6	2.0	0.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
111	12/5/2015 12:46:12	10.75	46.91	30.36	8.75	7.94	16.6	2.406	95.6	2.4	0.6
112	12/5/2015 13:01:12	10.75	46.89	30.35	8.75	7.94	18.6	2.312	95.6	2.5	0.6
113	12/5/2015 13:16:12	10.74	46.83	30.30	8.74	7.94	18.4	2.266	95.5	2.6	0.6
114	12/5/2015 13:31:12	10.73	46.51	30.07	8.76	7.93	16.1	2.227	95.5	2.4	0.6
115	12/5/2015 13:46:11	10.72	46.46	30.04	8.75	7.93	14.4	2.182	95.4	2.8	0.7
116	12/5/2015 14:01:12	10.72	46.52	30.08	8.73	7.93	12.9	2.162	95.2	2.2	0.5
117	12/5/2015 14:16:11	10.72	46.51	30.07	8.72	7.93	11.1	2.154	95.1	2.3	0.5
118	12/5/2015 14:31:11	10.72	46.36	29.96	8.76	7.93	12.0	2.152	95.5	2.8	0.7
119	12/5/2015 14:46:13	10.72	46.65	30.17	8.73	7.93	12.6	2.178	95.3	2.0	0.5
120	12/5/2015 15:01:12	10.73	46.63	30.16	8.74	7.93	12.6	2.216	95.3	2.7	0.6
121	12/5/2015 15:16:12	10.72	46.15	29.81	8.75	7.93	10.4	2.260	95.2	2.4	0.6
122	12/5/2015 15:31:12	10.73	46.59	30.13	8.65	7.93	8.6	2.307	94.4	1.9	0.4
123	12/5/2015 15:46:12	10.74	46.63	30.16	8.63	7.93	8.3	2.371	94.2	1.5	0.3
124	12/5/2015 16:01:12	10.75	46.79	30.28	8.63	7.93	8.9	2.435	94.3	2.0	0.5
125	12/5/2015 16:16:12	10.74	46.68	30.20	8.61	7.93	7.3	2.482	94.0	1.6	0.4
126	12/5/2015 16:31:12	10.78	47.33	30.67	8.54	7.94	7.0	2.555	93.7	1.4	0.3
127	12/5/2015 16:46:12	10.83	47.39	30.71	8.58	7.95	7.2	2.603	94.2	1.7	0.4
128	12/5/2015 17:01:11	10.82	47.55	30.82	8.60	7.95	6.0	2.660	94.4	1.9	0.4
129	12/5/2015 17:16:11	10.82	47.71	30.94	8.60	7.95	6.1	2.705	94.5	2.3	0.5
130	12/5/2015 17:31:11	10.79	47.76	30.97	8.60	7.94	6.8	2.764	94.4	2.2	0.5
131	12/5/2015 17:46:11	10.77	47.66	30.90	8.60	7.94	7.2	2.823	94.4	1.8	0.4
132	12/5/2015 18:01:11	10.78	47.75	30.97	8.58	7.94	7.2	2.862	94.3	1.9	0.4
133	12/5/2015 18:16:12	10.80	47.75	30.97	8.56	7.94	7.0	2.915	94.1	1.2	0.3
134	12/5/2015 18:31:11	10.82	47.89	31.07	8.55	7.94	6.6	2.973	94.1	1.4	0.3
135	12/5/2015 18:46:11	10.81	47.84	31.03	8.58	7.95	6.1	3.027	94.3	1.9	0.4
136	12/5/2015 19:01:11	10.84	47.97	31.12	8.58	7.95	5.5	3.085	94.4	2.3	0.5
137	12/5/2015 19:16:11	10.87	47.98	31.14	8.59	7.96	4.8	3.121	94.6	2.5	0.6
138	12/5/2015 19:31:12	10.92	48.06	31.20	8.57	7.96	4.6	3.142	94.6	2.1	0.5
139	12/5/2015 19:46:12	10.94	48.06	31.20	8.57	7.97	4.6	3.185	94.6	1.7	0.4
140	12/5/2015 20:01:12	10.96	48.08	31.21	8.57	7.97	4.1	3.208	94.7	1.7	0.4
141	12/5/2015 20:16:11	10.98	48.13	31.25	8.57	7.98	3.5	3.192	94.7	1.4	0.3
142	12/5/2015 20:31:11	10.98	48.20	31.30	8.59	7.98	3.3	3.189	95.0	1.8	0.4
143	12/5/2015 20:46:12	10.89	48.01	31.16	8.61	7.97	4.6	3.167	94.9	2.0	0.5
144	12/5/2015 21:01:12	10.88	47.99	31.14	8.59	7.97	4.7	3.139	94.6	1.7	0.4
145	12/5/2015 21:16:12	10.89	48.08	31.21	8.57	7.97	4.8	3.097	94.5	2.0	0.5
146	12/5/2015 21:31:12	10.83	47.95	31.11	8.60	7.96	9.1	3.047	94.6	1.7	0.4
147	12/5/2015 21:46:12	10.77	47.90	31.07	8.60	7.96	9.6	2.997	94.5	1.6	0.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
148	12/5/2015 22:01:11	10.72	47.76	30.97	8.64	7.95	10.7	2.953	94.8	2.0	0.5
149	12/5/2015 22:16:11	10.67	47.52	30.79	8.68	7.95	16.3	2.916	95.0	2.4	0.6
150	12/5/2015 22:31:12	10.68	47.54	30.81	8.66	7.95	18.3	2.850	94.8	2.1	0.5
151	12/5/2015 22:46:11	10.70	47.61	30.86	8.66	7.95	17.0	2.794	94.9	2.1	0.5
152	12/5/2015 23:01:11	10.68	47.61	30.86	8.69	7.95	21.1	2.724	95.2	2.4	0.6
153	12/5/2015 23:16:11	10.68	47.70	30.93	8.70	7.95	21.9	2.692	95.3	2.1	0.5
154	12/5/2015 23:31:11	10.67	47.67	30.90	8.70	7.95	21.0	2.635	95.3	2.4	0.6
155	12/5/2015 23:46:11	10.65	47.50	30.78	8.72	7.95	23.0	2.571	95.4	2.8	0.6
156	12/6/2015 00:01:12	10.60	47.33	30.66	8.76	7.95	25.3	2.537	95.6	2.7	0.6
157	12/6/2015 00:16:12	10.59	47.18	30.54	8.76	7.95	23.5	2.506	95.5	2.3	0.5
158	12/6/2015 00:31:11	10.55	47.02	30.43	8.79	7.95	19.1	2.466	95.7	2.2	0.5
159	12/6/2015 00:46:12	10.54	47.06	30.46	8.76	7.94	19.0	2.424	95.4	2.7	0.6
160	12/6/2015 01:01:12	10.54	46.98	30.40	8.74	7.94	20.1	2.404	95.1	2.6	0.6
161	12/6/2015 01:16:12	10.53	47.02	30.43	8.73	7.94	17.5	2.413	95.0	2.3	0.5
162	12/6/2015 01:31:12	10.54	47.03	30.43	8.72	7.94	17.2	2.400	94.9	2.7	0.6
163	12/6/2015 01:46:12	10.55	47.09	30.48	8.74	7.94	14.9	2.386	95.2	2.3	0.5
164	12/6/2015 02:01:12	10.59	47.21	30.57	8.71	7.94	15.5	2.418	95.1	2.1	0.5
165	12/6/2015 02:16:12	10.61	47.32	30.65	8.68	7.94	14.2	2.414	94.8	2.3	0.5
166	12/6/2015 02:31:12	10.63	47.50	30.78	8.67	7.94	13.5	2.450	94.8	1.7	0.4
167	12/6/2015 02:46:12	10.63	47.54	30.81	8.69	7.94	12.7	2.484	95.0	1.9	0.4
168	12/6/2015 03:01:12	10.66	47.68	30.91	8.67	7.95	11.4	2.535	94.9	1.6	0.4
169	12/6/2015 03:16:11	10.69	47.66	30.90	8.66	7.95	10.8	2.564	94.9	2.2	0.5
170	12/6/2015 03:31:11	10.74	47.55	30.82	8.66	7.95	9.2	2.636	95.0	1.5	0.3
171	12/6/2015 03:46:12	10.79	47.94	31.10	8.63	7.96	8.8	2.690	94.9	2.0	0.5
172	12/6/2015 04:01:12	10.83	47.76	30.97	8.63	7.96	8.4	2.735	94.8	1.6	0.4
173	12/6/2015 04:16:11	10.76	47.75	30.97	8.68	7.95	11.6	2.832	95.2	1.7	0.4
174	12/6/2015 04:31:11	10.72	47.48	30.77	8.71	7.95	13.7	2.881	95.4	1.8	0.4
175	12/6/2015 04:46:12	10.71	47.57	30.83	8.69	7.95	13.2	2.978	95.2	1.8	0.4
176	12/6/2015 05:01:11	10.69	47.43	30.73	8.68	7.94	15.6	3.031	95.0	2.2	0.5
177	12/6/2015 05:16:11	10.70	47.64	30.88	8.68	7.94	17.7	3.127	95.1	1.9	0.4
178	12/6/2015 05:31:11	10.75	47.75	30.97	8.67	7.95	16.9	3.199	95.1	2.1	0.5
179	12/6/2015 05:46:12	10.84	47.90	31.08	8.64	7.96	13.4	3.312	95.0	2.6	0.6
180	12/6/2015 06:01:11	10.92	47.99	31.15	8.63	7.97	13.7	3.387	95.1	2.3	0.5
181	12/6/2015 06:16:11	11.01	48.06	31.20	8.63	7.98	12.5	3.438	95.3	2.3	0.5
182	12/6/2015 06:31:11	11.16	48.34	31.41	8.65	8.00	9.5	3.536	96.0	2.4	0.6
183	12/6/2015 06:46:12	11.30	48.49	31.53	8.65	8.01	8.6	3.614	96.4	1.9	0.4
184	12/6/2015 07:01:12	11.39	48.60	31.61	8.64	8.02	8.3	3.643	96.5	1.9	0.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
185	12/6/2015 07:16:11	11.49	48.57	31.60	8.65	8.04	6.7	3.736	96.8	2.4	0.6
186	12/6/2015 07:31:11	11.58	48.80	31.76	8.65	8.05	5.2	3.785	97.2	1.9	0.4
187	12/6/2015 07:46:11	11.65	48.73	31.71	8.64	8.05	4.5	3.813	97.2	2.3	0.5
188	12/6/2015 08:01:11	11.70	48.74	31.73	8.65	8.06	4.1	3.830	97.4	2.1	0.5
189	12/6/2015 08:16:11	11.73	48.82	31.79	8.58	8.06	3.4	3.854	96.7	1.8	0.4
190	12/6/2015 08:31:12	11.59	48.83	31.79	8.55	8.04	4.3	3.839	96.1	1.9	0.4
191	12/6/2015 08:46:11	11.69	48.74	31.73	8.54	8.05	4.3	3.833	96.1	1.4	0.3
192	12/6/2015 09:01:11	11.62	48.67	31.67	8.56	8.05	5.7	3.802	96.1	1.7	0.4
193	12/6/2015 09:16:11	11.55	48.63	31.64	8.57	8.04	6.5	3.747	96.1	1.2	0.3
194	12/6/2015 09:31:12	10.97	48.11	31.24	8.58	7.97	9.1	3.690	94.8	1.6	0.4
195	12/6/2015 09:46:12	11.23	48.45	31.49	8.64	8.00	6.4	3.601	96.1	2.4	0.6
196	12/6/2015 10:01:11	11.25	48.22	31.33	8.66	8.01	5.7	3.518	96.3	2.1	0.5
197	12/6/2015 10:16:11	11.00	47.99	31.15	8.63	7.97	7.3	3.436	95.4	1.7	0.4
198	12/6/2015 10:31:12	10.95	47.98	31.14	8.64	7.97	7.8	3.352	95.4	2.5	0.6
199	12/6/2015 10:46:12	10.90	47.75	30.97	8.66	7.96	7.5	3.302	95.4	2.6	0.6
200	12/6/2015 11:01:12	10.85	47.57	30.84	8.66	7.95	7.6	3.212	95.2	2.2	0.5
201	12/6/2015 11:16:11	10.84	47.40	30.72	8.68	7.95	9.0	3.125	95.3	1.9	0.4
202	12/6/2015 11:31:11	10.83	47.42	30.73	8.66	7.95	11.3	3.023	95.1	2.6	0.6
203	12/6/2015 11:46:12	10.85	47.46	30.76	8.67	7.95	11.1	2.940	95.2	2.2	0.5
204	12/6/2015 12:01:11	11.01	47.68	30.93	8.72	7.96	8.3	2.825	96.2	2.0	0.5
205	12/6/2015 12:16:11	11.07	47.65	30.91	8.76	7.97	7.6	2.745	96.8	1.9	0.5
206	12/6/2015 12:31:12	11.10	47.63	30.89	8.81	7.97	7.3	2.662	97.4	2.0	0.5
207	12/6/2015 12:46:11	11.18	47.44	30.77	8.85	7.97	7.3	2.567	98.0	1.9	0.4
208	12/6/2015 13:01:11	11.07	47.32	30.67	8.76	7.96	9.4	2.474	96.6	1.9	0.4
209	12/6/2015 13:16:11	11.01	47.19	30.58	8.81	7.95	11.0	2.390	97.0	2.4	0.6
210	12/6/2015 13:31:12	11.15	47.33	30.68	8.79	7.96	10.1	2.327	97.1	2.0	0.5
211	12/6/2015 13:46:11	11.08	47.10	30.52	8.83	7.95	10.0	2.242	97.3	1.6	0.4
212	12/6/2015 14:01:11	11.31	47.33	30.69	8.93	7.97	8.9	2.164	99.0	1.9	0.4
213	12/6/2015 14:16:11	11.24	47.26	30.64	8.93	7.96	9.3	2.125	98.8	1.6	0.4
214	12/6/2015 14:31:11	11.22	47.19	30.58	8.88	7.96	10.2	2.077	98.2	1.9	0.4
215	12/6/2015 14:46:11	11.22	47.20	30.59	8.87	7.96	10.1	2.032	98.1	1.6	0.4
216	12/6/2015 15:01:12	11.16	47.14	30.55	8.82	7.95	9.4	2.025	97.3	2.5	0.6
217	12/6/2015 15:16:11	11.10	46.84	30.33	8.80	7.95	9.2	2.006	96.9	2.6	0.6
218	12/6/2015 15:31:11	11.06	47.03	30.46	8.79	7.94	10.4	2.051	96.9	2.2	0.5
219	12/6/2015 15:46:12	11.08	47.11	30.52	8.78	7.95	11.2	2.060	96.8	2.2	0.5
220	12/6/2015 16:01:12	11.01	47.15	30.54	8.73	7.94	10.6	2.084	96.1	1.7	0.4
221	12/6/2015 16:16:12	11.06	46.76	30.27	8.74	7.94	11.1	2.130	96.1	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	Fluorescence %FS
222	12/6/2015 16:31:12	11.02	47.04	30.47	8.70	7.94	10.1	2.216	95.8	1.9	0.4
223	12/6/2015 16:46:12	11.04	46.88	30.36	8.69	7.94	9.7	2.267	95.6	1.8	0.4
224	12/6/2015 17:01:12	11.05	46.78	30.28	8.68	7.94	8.7	2.340	95.5	2.0	0.5
225	12/6/2015 17:16:12	11.01	46.85	30.33	8.67	7.94	9.2	2.407	95.3	1.5	0.4
226	12/6/2015 17:31:12	11.00	46.98	30.42	8.66	7.94	9.6	2.474	95.2	2.0	0.5
227	12/6/2015 17:46:12	11.00	47.12	30.52	8.65	7.94	9.0	2.550	95.2	1.9	0.4
228	12/6/2015 18:01:11	10.99	47.21	30.59	8.65	7.94	8.6	2.609	95.2	2.3	0.5
229	12/6/2015 18:16:12	10.96	47.33	30.67	8.64	7.94	9.0	2.669	95.1	1.6	0.4
230	12/6/2015 18:31:11	10.93	47.31	30.65	8.65	7.94	9.0	2.730	95.2	1.7	0.4
231	12/6/2015 18:46:12	10.92	47.41	30.73	8.64	7.94	9.1	2.787	95.1	1.5	0.4
232	12/6/2015 19:01:12	10.92	47.44	30.75	8.63	7.94	8.7	2.862	95.0	1.6	0.4
233	12/6/2015 19:16:12	10.93	47.47	30.77	8.63	7.94	8.1	2.929	94.9	1.9	0.5
234	12/6/2015 19:31:12	10.93	47.48	30.78	8.61	7.94	8.9	2.969	94.8	2.3	0.5
235	12/6/2015 19:46:12	10.94	47.46	30.77	8.61	7.94	8.6	3.053	94.8	1.9	0.4
236	12/6/2015 20:01:12	10.96	47.53	30.82	8.60	7.95	8.5	3.115	94.8	2.2	0.5
237	12/6/2015 20:16:11	11.00	47.51	30.81	8.62	7.95	8.5	3.147	95.0	1.9	0.4
238	12/6/2015 20:31:12	11.01	47.62	30.88	8.57	7.95	6.7	3.183	94.6	2.2	0.5
239	12/6/2015 20:46:12	11.04	47.61	30.88	8.57	7.96	6.8	3.200	94.6	1.6	0.4
240	12/6/2015 21:01:12	11.06	47.63	30.89	8.54	7.96	6.7	3.256	94.3	1.9	0.5
241	12/6/2015 21:16:12	11.06	47.56	30.84	8.50	7.95	5.9	3.269	93.9	1.6	0.4
242	12/6/2015 21:31:12	11.07	47.62	30.89	8.51	7.95	6.8	3.265	94.0	1.8	0.4
243	12/6/2015 21:46:12	10.97	47.45	30.76	8.54	7.94	7.5	3.200	94.1	1.7	0.4
244	12/6/2015 22:01:12	10.97	47.45	30.76	8.48	7.94	6.7	3.218	93.4	1.5	0.4
245	12/6/2015 22:16:12	10.97	47.51	30.80	8.50	7.94	6.7	3.159	93.6	1.5	0.4
246	12/6/2015 22:31:12	10.97	47.40	30.72	8.53	7.94	8.3	3.103	94.0	1.6	0.4
247	12/6/2015 22:46:12	10.96	47.33	30.67	8.52	7.93	8.9	3.066	93.7	1.6	0.4
248	12/6/2015 23:01:12	10.93	47.47	30.78	8.53	7.93	8.4	3.045	93.9	1.8	0.4
249	12/6/2015 23:16:12	10.95	47.40	30.72	8.54	7.93	7.7	2.947	94.0	1.6	0.4
250	12/6/2015 23:31:12	10.95	47.49	30.79	8.53	7.93	7.8	2.912	93.9	2.1	0.5
251	12/6/2015 23:46:12	10.95	47.38	30.71	8.52	7.93	7.9	2.891	93.8	1.5	0.3
252	12/7/2015 00:01:12	10.93	47.40	30.72	8.52	7.92	8.8	2.809	93.7	1.6	0.4
253	12/7/2015 00:16:12	10.94	47.44	30.75	8.51	7.92	8.3	2.784	93.7	1.6	0.4
254	12/7/2015 00:31:11	10.97	47.21	30.59	8.56	7.93	7.3	2.723	94.2	1.7	0.4
255	12/7/2015 00:46:12	10.97	47.29	30.64	8.55	7.93	7.8	2.628	94.1	1.9	0.5
256	12/7/2015 01:01:11	10.97	47.25	30.62	8.55	7.92	7.9	2.628	94.1	1.7	0.4
257	12/7/2015 01:16:12	10.99	47.08	30.50	8.55	7.93	7.5	2.603	94.1	1.7	0.4
258	12/7/2015 01:31:12	11.01	47.07	30.49	8.56	7.93	7.0	2.572	94.2	1.5	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	Fluorescence %FS
259	12/7/2015 01:46:12	11.01	47.11	30.52	8.55	7.92	7.3	2.533	94.1	1.7	0.4
260	12/7/2015 02:01:11	11.02	46.97	30.42	8.54	7.92	7.6	2.491	93.9	1.7	0.4
261	12/7/2015 02:16:11	11.02	47.05	30.48	8.55	7.92	7.1	2.458	94.0	1.9	0.5
262	12/7/2015 02:31:11	11.03	46.94	30.40	8.53	7.92	6.7	2.467	93.9	1.3	0.3
263	12/7/2015 02:46:12	11.02	47.07	30.49	8.49	7.92	6.4	2.461	93.4	1.3	0.3
264	12/7/2015 03:01:11	11.03	46.95	30.41	8.55	7.92	6.7	2.492	94.1	1.4	0.3
265	12/7/2015 03:16:12	11.01	47.14	30.54	8.52	7.92	7.5	2.493	93.7	1.4	0.3
266	12/7/2015 03:31:12	11.01	47.20	30.58	8.52	7.92	7.0	2.529	93.8	1.6	0.4
267	12/7/2015 03:46:12	11.01	47.22	30.60	8.53	7.92	7.5	2.555	93.9	1.8	0.4
268	12/7/2015 04:01:12	11.04	46.91	30.38	8.53	7.93	8.7	2.620	93.9	1.7	0.4
269	12/7/2015 04:16:12	11.04	47.01	30.45	8.53	7.93	7.5	2.640	93.9	1.6	0.4
270	12/7/2015 04:31:12	11.02	47.11	30.52	8.52	7.93	7.1	2.711	93.8	1.4	0.3
271	12/7/2015 04:46:12	11.02	47.29	30.65	8.52	7.93	7.4	2.810	93.8	2.0	0.5
272	12/7/2015 05:01:12	11.02	47.25	30.62	8.51	7.93	7.1	2.841	93.8	1.5	0.3
273	12/7/2015 05:16:11	11.06	47.44	30.76	8.53	7.94	7.3	2.940	94.2	2.0	0.5
274	12/7/2015 05:31:12	11.07	47.45	30.77	8.55	7.94	7.0	3.001	94.4	1.6	0.4
275	12/7/2015 05:46:12	11.08	47.62	30.89	8.54	7.95	7.0	3.071	94.4	1.5	0.4
276	12/7/2015 06:01:12	11.08	47.54	30.83	8.55	7.95	7.9	3.137	94.4	1.9	0.4
277	12/7/2015 06:16:12	11.15	47.72	30.96	8.54	7.96	7.9	3.210	94.5	1.8	0.4
278	12/7/2015 06:31:12	11.24	47.89	31.09	8.54	7.97	7.9	3.299	94.8	1.6	0.4
279	12/7/2015 06:46:12	11.33	47.94	31.13	8.56	7.98	8.8	3.412	95.2	2.0	0.5
280	12/7/2015 07:01:12	11.47	48.06	31.23	8.59	7.99	10.1	3.467	95.9	2.5	0.6
281	12/7/2015 07:16:12	11.67	48.19	31.33	8.65	8.01	10.6	3.552	97.1	2.1	0.5
282	12/7/2015 07:31:11	11.94	48.40	31.50	8.74	8.04	10.6	3.591	98.7	2.6	0.6
283	12/7/2015 07:46:11	12.06	48.50	31.57	8.78	8.05	8.4	3.675	99.4	2.2	0.5
284	12/7/2015 08:01:11	12.21	48.53	31.60	8.78	8.05	6.5	3.753	99.9	2.3	0.5
285	12/7/2015 08:16:11	12.32	48.50	31.59	8.81	8.06	5.4	3.800	100.4	2.5	0.6
286	12/7/2015 08:31:12	12.25	48.20	31.36	8.85	8.06	6.0	3.836	100.5	2.1	0.5
287	12/7/2015 08:46:12	12.58	48.36	31.49	8.79	8.08	5.3	3.847	100.7	2.8	0.7
288	12/7/2015 09:01:12	12.65	48.47	31.57	8.76	8.08	4.9	3.868	100.5	2.5	0.6
289	12/7/2015 09:16:12	11.96	48.25	31.38	8.60	8.03	5.6	3.812	97.1	1.3	0.3
290	12/7/2015 09:31:12	11.93	48.21	31.35	8.58	8.02	6.7	3.825	96.7	1.2	0.3
291	12/7/2015 09:46:12	11.91	48.27	31.40	8.63	8.02	6.2	3.791	97.3	1.4	0.3
292	12/7/2015 10:01:12	11.54	47.86	31.09	8.60	7.99	6.2	3.722	96.1	1.9	0.4
293	12/7/2015 10:16:11	11.62	48.10	31.26	8.62	8.00	6.4	3.634	96.6	1.6	0.4
294	12/7/2015 10:31:12	11.85	48.25	31.38	8.71	8.02	6.2	3.585	98.1	2.0	0.5
295	12/7/2015 10:46:12	11.78	48.19	31.33	8.71	8.01	5.7	3.485	97.9	2.2	0.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
296	12/7/2015 11:01:11	11.64	47.95	31.15	8.66	8.00	5.6	3.428	97.0	1.3	0.3
297	12/7/2015 11:16:11	11.48	47.97	31.16	8.60	7.98	6.5	3.313	96.1	1.9	0.4
298	12/7/2015 11:31:12	11.51	47.99	31.18	8.60	7.98	7.6	3.223	96.1	2.4	0.6
299	12/7/2015 11:46:12	11.53	47.98	31.17	8.59	7.98	8.3	3.126	96.0	1.8	0.4
300	12/7/2015 12:01:11	11.42	47.72	30.97	8.59	7.97	7.7	3.000	95.6	1.3	0.3
301	12/7/2015 12:16:11	11.36	47.54	30.84	8.58	7.96	7.0	2.925	95.4	1.2	0.3
302	12/7/2015 12:31:12	11.33	47.61	30.89	8.58	7.95	7.5	2.813	95.3	1.6	0.4
303	12/7/2015 12:46:12	11.39	47.75	31.00	8.61	7.96	7.0	2.714	95.8	1.8	0.4
304	12/7/2015 13:01:11	11.72	47.92	31.13	8.72	8.00	5.9	2.606	97.8	1.6	0.4
305	12/7/2015 13:16:11	11.52	47.80	31.04	8.69	7.98	7.4	2.487	97.0	1.7	0.4
306	12/7/2015 13:31:11	11.64	47.78	31.03	8.75	7.99	7.0	2.406	98.0	1.8	0.4
307	12/7/2015 13:46:11	11.47	47.54	30.85	8.73	7.96	7.9	2.315	97.3	1.9	0.5
308	12/7/2015 14:01:11	11.48	47.45	30.79	8.74	7.96	8.1	2.238	97.4	1.9	0.4
309	12/7/2015 14:16:12	11.42	47.22	30.62	8.76	7.95	8.5	2.129	97.4	1.8	0.4
310	12/7/2015 14:31:11	11.45	47.04	30.49	8.74	7.95	8.6	2.054	97.1	2.1	0.5
311	12/7/2015 14:46:11	11.47	46.82	30.33	8.73	7.94	8.6	1.969	96.9	1.9	0.4
312	12/7/2015 15:01:11	11.53	46.97	30.44	8.76	7.95	8.7	1.907	97.5	2.2	0.5
313	12/7/2015 15:16:11	11.50	46.93	30.42	8.72	7.94	8.4	1.857	96.9	2.1	0.5
314	12/7/2015 15:31:12	11.49	46.86	30.36	8.66	7.93	8.2	1.887	96.2	2.3	0.5
315	12/7/2015 15:46:12	11.46	46.80	30.32	8.64	7.93	7.4	1.871	95.9	2.0	0.5
316	12/7/2015 16:01:12	11.40	46.95	30.42	8.60	7.93	7.0	1.858	95.4	1.8	0.4
317	12/7/2015 16:16:12	11.44	46.96	30.43	8.62	7.93	7.7	1.864	95.7	1.8	0.4
318	12/7/2015 16:31:12	11.42	46.99	30.45	8.65	7.93	7.6	1.938	96.0	1.9	0.4
319	12/7/2015 16:46:11	11.43	46.63	30.19	8.63	7.92	7.3	2.003	95.7	1.9	0.4
320	12/7/2015 17:01:12	11.39	46.90	30.39	8.62	7.92	7.8	2.077	95.5	2.1	0.5
321	12/7/2015 17:16:12	11.38	46.73	30.26	8.60	7.92	7.4	2.135	95.2	1.8	0.4
322	12/7/2015 17:31:12	11.38	46.81	30.32	8.58	7.92	7.2	2.196	95.0	2.2	0.5
323	12/7/2015 17:46:11	11.37	46.74	30.27	8.59	7.92	7.2	2.281	95.1	1.8	0.4
324	12/7/2015 18:01:11	11.37	46.73	30.27	8.60	7.93	6.7	2.384	95.2	2.0	0.5
325	12/7/2015 18:16:11	11.39	46.94	30.41	8.59	7.93	6.7	2.442	95.3	1.7	0.4
326	12/7/2015 18:31:12	11.39	47.18	30.59	8.56	7.94	7.0	2.507	95.0	1.8	0.4
327	12/7/2015 18:46:12	11.37	47.25	30.64	8.55	7.94	7.0	2.585	94.9	1.8	0.4
328	12/7/2015 19:01:11	11.35	47.24	30.63	8.56	7.93	7.3	2.648	95.0	1.5	0.4
329	12/7/2015 19:16:12	11.33	47.33	30.69	8.55	7.93	7.5	2.720	94.9	1.5	0.4
330	12/7/2015 19:31:12	11.31	47.29	30.66	8.55	7.93	8.9	2.808	94.8	1.4	0.3
331	12/7/2015 19:46:11	11.32	47.20	30.60	8.55	7.93	8.6	2.862	94.8	2.0	0.5
332	12/7/2015 20:01:12	11.36	47.37	30.72	8.54	7.94	8.5	2.893	94.8	1.9	0.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
333	12/7/2015 20:16:12	11.40	47.41	30.75	8.54	7.94	7.8	2.969	94.9	1.7	0.4
334	12/7/2015 20:31:12	11.41	47.46	30.79	8.54	7.95	7.9	3.050	94.9	1.6	0.4
335	12/7/2015 20:46:12	11.45	47.67	30.94	8.52	7.95	8.6	3.099	95.0	1.5	0.4
336	12/7/2015 21:01:12	11.51	47.53	30.85	8.54	7.96	8.5	3.164	95.2	2.2	0.5
337	12/7/2015 21:16:12	11.62	47.62	30.91	8.54	7.97	6.4	3.191	95.5	1.7	0.4
338	12/7/2015 21:31:13	11.65	47.66	30.94	8.52	7.97	6.3	3.246	95.4	2.0	0.5
339	12/7/2015 21:46:12	11.71	47.75	31.01	8.53	7.98	6.5	3.266	95.6	1.9	0.4
340	12/7/2015 22:01:12	11.78	47.81	31.06	8.53	7.98	4.8	3.261	95.7	1.5	0.4
341	12/7/2015 22:16:12	11.68	47.59	30.89	8.47	7.96	6.1	3.269	94.7	1.9	0.5
342	12/7/2015 22:31:11	11.75	47.76	31.02	8.49	7.98	6.2	3.302	95.2	2.0	0.5
343	12/7/2015 22:46:12	11.67	47.65	30.94	8.45	7.96	5.9	3.277	94.6	1.9	0.4
344	12/7/2015 23:01:12	11.68	47.67	30.95	8.47	7.97	7.0	3.232	94.8	1.7	0.4
345	12/7/2015 23:16:12	11.50	47.52	30.84	8.42	7.94	7.2	3.192	93.8	1.3	0.3
346	12/7/2015 23:31:12	11.47	47.35	30.72	8.40	7.93	7.6	3.127	93.4	1.7	0.4
347	12/7/2015 23:46:12	11.47	47.54	30.85	8.42	7.94	6.6	3.074	93.8	1.4	0.3
348	12/8/2015 00:01:12	11.48	47.56	30.87	8.44	7.94	7.0	2.972	94.0	1.7	0.4
349	12/8/2015 00:16:12	11.44	47.49	30.81	8.41	7.93	7.0	2.906	93.6	1.7	0.4
350	12/8/2015 00:31:11	11.44	47.40	30.75	8.43	7.93	6.8	2.848	93.7	1.6	0.4
351	12/8/2015 00:46:12	11.44	47.37	30.73	8.39	7.93	7.0	2.793	93.3	1.4	0.3
352	12/8/2015 01:01:12	11.43	47.32	30.69	8.41	7.92	7.1	2.721	93.5	1.6	0.4
353	12/8/2015 01:16:12	11.44	47.23	30.63	8.35	7.92	7.0	2.686	92.9	1.7	0.4
354	12/8/2015 01:31:12	11.43	47.19	30.60	8.35	7.92	6.7	2.624	92.8	1.3	0.3
355	12/8/2015 01:46:12	11.45	47.08	30.52	8.32	7.91	6.7	2.581	92.5	1.4	0.3
356	12/8/2015 02:01:12	11.46	47.07	30.51	8.33	7.91	6.5	2.528	92.5	1.6	0.4
357	12/8/2015 02:16:12	11.50	47.03	30.48	8.32	7.91	6.1	2.514	92.5	1.5	0.4
358	12/8/2015 02:31:12	11.48	46.89	30.38	8.30	7.91	5.6	2.477	92.2	1.2	0.3
359	12/8/2015 02:46:12	11.48	46.86	30.36	8.29	7.90	5.9	2.446	92.1	1.4	0.3
360	12/8/2015 03:01:12	11.49	46.86	30.36	8.25	7.90	5.0	2.470	91.7	2.0	0.5
361	12/8/2015 03:16:12	11.49	46.94	30.42	8.29	7.91	5.9	2.440	92.1	1.8	0.4
362	12/8/2015 03:31:12	11.47	47.01	30.47	8.28	7.91	5.9	2.437	92.0	1.5	0.3
363	12/8/2015 03:46:12	11.48	47.01	30.47	8.30	7.91	6.2	2.491	92.2	1.4	0.3
364	12/8/2015 04:01:12	11.49	47.06	30.51	8.30	7.91	6.5	2.501	92.2	1.4	0.3
365	12/8/2015 04:16:12	11.51	47.03	30.49	8.34	7.91	6.4	2.553	92.7	1.7	0.4
366	12/8/2015 04:31:11	11.49	47.01	30.47	8.34	7.91	6.1	2.594	92.7	1.3	0.3
367	12/8/2015 04:46:12	11.52	46.94	30.42	8.33	7.91	6.7	2.674	92.6	1.6	0.4
368	12/8/2015 05:01:12	11.52	47.01	30.47	8.34	7.91	6.5	2.727	92.8	1.2	0.3
369	12/8/2015 05:16:11	11.50	46.80	30.32	8.37	7.92	6.6	2.775	92.9	1.4	0.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
370	12/8/2015 05:31:11	11.51	47.10	30.54	8.38	7.92	5.9	2.841	93.2	1.3	0.3
371	12/8/2015 05:46:11	11.58	47.33	30.71	8.44	7.94	5.9	2.923	94.2	1.4	0.3
372	12/8/2015 06:01:11	11.60	47.36	30.73	8.47	7.94	6.6	3.005	94.5	1.1	0.3
373	12/8/2015 06:16:11	11.62	47.42	30.77	8.49	7.95	6.5	3.065	94.8	1.8	0.4
374	12/8/2015 06:31:12	11.65	47.67	30.95	8.47	7.95	7.0	3.147	94.8	1.7	0.4
375	12/8/2015 06:46:12	11.71	47.47	30.81	8.49	7.96	7.8	3.247	95.1	1.4	0.3
376	12/8/2015 07:01:11	11.85	47.80	31.05	8.55	7.98	7.8	3.316	96.1	1.5	0.4
377	12/8/2015 07:16:11	11.97	47.75	31.03	8.61	7.99	8.1	3.417	97.1	1.8	0.4
378	12/8/2015 07:31:11	12.08	47.98	31.19	8.65	8.00	10.1	3.495	97.8	2.1	0.5
379	12/8/2015 07:46:12	12.34	48.08	31.28	8.71	8.02	10.3	3.574	99.1	1.5	0.4
380	12/8/2015 08:01:12	12.54	48.13	31.33	8.79	8.04	10.4	3.676	100.5	2.0	0.5
381	12/8/2015 08:16:12	12.62	48.19	31.37	8.83	8.05	9.1	3.732	101.1	2.4	0.6
382	12/8/2015 08:31:12	12.69	48.24	31.41	8.80	8.05	6.8	3.807	100.9	2.3	0.5
383	12/8/2015 08:46:12	12.76	48.12	31.33	8.85	8.06	6.1	3.842	101.6	2.3	0.5
384	12/8/2015 09:01:11	12.60	48.17	31.36	8.81	8.05	5.7	3.902	100.8	1.9	0.4
385	12/8/2015 09:16:11	12.35	47.62	30.95	8.54	8.00	5.3	3.916	96.9	2.0	0.5
386	12/8/2015 09:31:12	12.35	47.95	31.18	8.55	8.00	5.4	3.934	97.2	2.0	0.5
387	12/8/2015 09:46:12	12.70	48.16	31.35	8.70	8.05	6.1	3.949	99.8	1.3	0.3
388	12/8/2015 10:01:12	12.00	47.78	31.04	8.51	7.98	6.2	3.914	95.9	1.8	0.4
389	12/8/2015 10:16:12	12.15	47.92	31.15	8.60	7.99	5.6	3.870	97.4	2.0	0.5
390	12/8/2015 10:31:12	12.39	48.09	31.28	8.72	8.02	5.9	3.817	99.3	1.7	0.4
391	12/8/2015 10:46:12	12.55	47.81	31.09	8.84	8.04	6.0	3.727	100.9	2.2	0.5
392	12/8/2015 11:01:12	12.59	47.93	31.18	8.85	8.04	6.0	3.646	101.1	2.0	0.5
393	12/8/2015 11:16:12	12.43	47.83	31.10	8.81	8.02	5.7	3.546	100.3	1.8	0.4
394	12/8/2015 11:31:12	12.19	47.61	30.94	8.61	7.99	7.7	3.435	97.5	2.5	0.6
395	12/8/2015 11:46:12	12.21	47.76	31.04	8.65	7.99	8.0	3.332	97.9	2.5	0.6
396	12/8/2015 12:01:12	12.19	47.82	31.09	8.63	7.99	7.8	3.225	97.7	1.9	0.5
397	12/8/2015 12:16:12	12.14	47.74	31.02	8.60	7.98	7.3	3.133	97.2	1.7	0.4
398	12/8/2015 12:31:12	12.06	47.64	30.95	8.60	7.97	6.2	3.028	97.0	2.1	0.5
399	12/8/2015 12:46:12	12.02	47.54	30.88	8.60	7.96	6.4	2.890	96.9	2.2	0.5
400	12/8/2015 13:01:12	11.97	47.38	30.76	8.55	7.95	6.9	2.795	96.2	1.6	0.4
401	12/8/2015 13:16:12	12.15	47.49	30.84	8.61	7.97	5.8	2.690	97.3	1.5	0.4
402	12/8/2015 13:31:12	12.10	47.43	30.80	8.63	7.96	7.5	2.573	97.4	1.3	0.3
403	12/8/2015 13:46:12	12.02	47.34	30.73	8.63	7.95	6.7	2.450	97.2	1.7	0.4
404	12/8/2015 14:01:11	12.11	47.30	30.70	8.76	7.96	6.1	2.347	98.8	1.7	0.4
405	12/8/2015 14:16:12	12.08	47.21	30.64	8.58	7.94	6.7	2.232	96.7	1.4	0.3
406	12/8/2015 14:31:12	12.12	47.01	30.50	8.63	7.94	7.6	2.109	97.2	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	Fluorescence %FS
407	12/8/2015 14:46:12	12.17	46.94	30.45	8.61	7.94	7.5	1.997	97.1	1.6	0.4
408	12/8/2015 15:01:12	12.20	46.94	30.45	8.58	7.93	7.5	1.924	96.8	2.0	0.5
409	12/8/2015 15:16:12	12.27	46.95	30.46	8.63	7.94	8.1	1.827	97.5	1.6	0.4
410	12/8/2015 15:31:12	12.30	46.89	30.42	8.60	7.93	8.8	1.748	97.2	2.0	0.5
411	12/8/2015 15:46:12	12.28	46.82	30.37	8.58	7.93	10.3	1.724	96.9	1.3	0.3
412	12/8/2015 16:01:12	12.27	46.89	30.42	8.53	7.92	8.2	1.652	96.4	2.0	0.5
413	12/8/2015 16:16:11	12.27	46.57	30.18	8.51	7.92	7.5	1.650	96.0	1.9	0.4
414	12/8/2015 16:31:11	12.32	46.82	30.37	8.57	7.92	8.7	1.679	96.8	1.5	0.4
415	12/8/2015 16:46:12	12.23	46.75	30.32	8.53	7.92	6.4	1.683	96.2	1.3	0.3
416	12/8/2015 17:01:12	12.17	46.76	30.32	8.49	7.91	6.2	1.739	95.7	1.9	0.4
417	12/8/2015 17:16:12	12.19	46.67	30.25	8.47	7.91	6.4	1.799	95.4	1.8	0.4
418	12/8/2015 17:31:12	12.17	46.62	30.22	8.47	7.91	6.5	1.898	95.4	2.1	0.5
419	12/8/2015 17:46:11	12.18	46.35	30.02	8.46	7.90	7.0	1.962	95.1	2.4	0.6
420	12/8/2015 18:01:11	12.17	46.31	29.99	8.44	7.90	7.4	2.037	94.9	1.7	0.4
421	12/8/2015 18:16:11	12.15	46.37	30.03	8.45	7.90	7.1	2.133	95.0	2.2	0.5
422	12/8/2015 18:31:12	12.14	46.41	30.07	8.43	7.91	7.1	2.200	94.8	1.5	0.4
423	12/8/2015 18:46:11	12.11	46.55	30.16	8.44	7.91	7.0	2.278	94.9	2.1	0.5
424	12/8/2015 19:01:11	12.06	46.75	30.31	8.45	7.92	7.0	2.358	95.0	1.5	0.3
425	12/8/2015 19:16:11	11.96	47.19	30.62	8.44	7.92	7.9	2.428	94.8	1.4	0.3
426	12/8/2015 19:31:12	11.96	47.26	30.67	8.43	7.92	7.6	2.528	94.7	2.2	0.5
427	12/8/2015 19:46:12	11.96	47.17	30.61	8.42	7.92	7.5	2.596	94.6	1.3	0.3
428	12/8/2015 20:01:12	11.98	47.29	30.69	8.41	7.92	7.8	2.662	94.6	1.9	0.4
429	12/8/2015 20:16:11	12.03	47.20	30.63	8.43	7.93	7.2	2.741	94.9	1.3	0.3
430	12/8/2015 20:31:11	12.06	47.22	30.65	8.46	7.94	8.9	2.820	95.3	1.4	0.3
431	12/8/2015 20:46:11	12.07	47.20	30.63	8.47	7.94	8.9	2.902	95.4	1.8	0.4
432	12/8/2015 21:01:11	12.09	47.27	30.68	8.48	7.94	9.4	2.969	95.6	1.7	0.4
433	12/8/2015 21:16:12	12.20	47.46	30.82	8.50	7.96	11.5	3.053	96.1	2.2	0.5
434	12/8/2015 21:31:12	12.26	47.49	30.85	8.52	7.97	10.6	3.116	96.5	2.1	0.5
435	12/8/2015 21:46:12	12.30	47.60	30.93	8.53	7.97	11.7	3.187	96.7	2.1	0.5
436	12/8/2015 22:01:12	12.36	47.65	30.97	8.54	7.98	10.0	3.236	97.0	2.0	0.5
437	12/8/2015 22:16:12	12.47	47.69	31.00	8.59	7.99	7.6	3.300	97.9	1.8	0.4
438	12/8/2015 22:31:12	12.44	47.62	30.95	8.60	7.99	7.2	3.334	97.9	2.1	0.5
439	12/8/2015 22:46:12	12.50	47.71	31.02	8.50	7.99	4.8	3.348	96.9	1.9	0.4
440	12/8/2015 23:01:12	12.52	47.74	31.04	8.48	7.99	5.4	3.376	96.7	1.2	0.3
441	12/8/2015 23:16:12	12.47	47.55	30.90	8.53	7.99	5.7	3.358	97.1	1.5	0.4
442	12/8/2015 23:31:12	12.42	47.38	30.78	8.48	7.98	6.4	3.319	96.3	1.2	0.3
443	12/8/2015 23:46:12	12.28	47.28	30.70	8.39	7.95	5.9	3.282	95.0	1.9	0.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
444	12/9/2015 00:01:12	12.20	47.33	30.73	8.39	7.94	6.5	3.228	94.8	1.6	0.4
445	12/9/2015 00:16:12	12.16	47.14	30.59	8.33	7.93	7.3	3.162	94.0	1.8	0.4
446	12/9/2015 00:31:12	12.24	47.37	30.76	8.42	7.95	5.9	3.102	95.3	1.3	0.3
447	12/9/2015 00:46:12	12.24	47.48	30.84	8.43	7.95	5.9	3.027	95.4	1.8	0.4
448	12/9/2015 01:01:12	12.22	47.33	30.73	8.39	7.94	5.9	2.961	94.9	1.5	0.4
449	12/9/2015 01:16:12	12.20	47.21	30.64	8.33	7.93	6.1	2.893	94.1	1.8	0.4
450	12/9/2015 01:31:12	12.19	47.23	30.66	8.30	7.93	6.0	2.843	93.8	1.2	0.3
451	12/9/2015 01:46:12	12.17	47.19	30.63	8.32	7.92	6.0	2.789	94.0	1.5	0.3
452	12/9/2015 02:01:12	12.18	47.18	30.62	8.32	7.93	5.8	2.729	94.0	1.4	0.3
453	12/9/2015 02:16:12	12.16	47.14	30.59	8.29	7.92	5.8	2.669	93.6	1.4	0.3
454	12/9/2015 02:31:12	12.14	47.15	30.60	8.29	7.92	5.5	2.650	93.5	1.8	0.4
455	12/9/2015 02:46:12	12.17	47.10	30.56	8.27	7.91	5.4	2.620	93.3	1.7	0.4
456	12/9/2015 03:01:12	12.17	46.99	30.49	8.26	7.90	5.2	2.582	93.1	1.5	0.4
457	12/9/2015 03:16:12	12.18	46.95	30.45	8.25	7.90	5.0	2.560	93.1	1.2	0.3
458	12/9/2015 03:31:12	12.19	46.97	30.47	8.22	7.90	5.1	2.529	92.7	1.4	0.3
459	12/9/2015 03:46:12	12.16	47.05	30.53	8.16	7.90	4.5	2.541	92.1	1.4	0.3
460	12/9/2015 04:01:12	12.14	47.13	30.59	8.19	7.91	4.9	2.532	92.3	1.1	0.3
461	12/9/2015 04:16:12	12.13	47.18	30.62	8.19	7.91	4.6	2.531	92.4	1.4	0.3
462	12/9/2015 04:31:11	12.13	47.06	30.54	8.26	7.91	5.0	2.567	93.1	1.4	0.3
463	12/9/2015 04:46:11	12.13	47.04	30.52	8.30	7.92	5.3	2.612	93.6	1.6	0.4
464	12/9/2015 05:01:11	12.16	47.03	30.51	8.31	7.92	5.1	2.664	93.8	1.7	0.4
465	12/9/2015 05:16:12	12.18	47.13	30.58	8.30	7.92	5.3	2.715	93.7	1.1	0.3
466	12/9/2015 05:31:12	12.20	47.13	30.59	8.30	7.92	5.8	2.774	93.8	1.3	0.3
467	12/9/2015 05:46:12	12.21	47.06	30.54	8.31	7.93	6.2	2.851	93.9	1.6	0.4
468	12/9/2015 06:01:12	12.25	47.15	30.61	8.32	7.93	6.7	2.901	94.1	1.6	0.4
469	12/9/2015 06:16:12	12.31	47.21	30.65	8.37	7.95	6.9	2.956	94.7	1.5	0.4
470	12/9/2015 06:31:12	12.39	47.10	30.57	8.44	7.96	5.9	3.048	95.6	1.9	0.4
471	12/9/2015 06:46:12	12.43	47.46	30.84	8.46	7.97	5.8	3.121	96.2	2.1	0.5
472	12/9/2015 07:01:12	12.43	47.34	30.75	8.46	7.97	6.4	3.206	96.1	1.5	0.4
473	12/9/2015 07:16:12	12.44	47.35	30.76	8.49	7.97	6.8	3.288	96.5	1.8	0.4
474	12/9/2015 07:31:12	12.52	47.27	30.70	8.52	7.98	6.8	3.364	96.9	2.0	0.5
475	12/9/2015 07:46:12	12.57	47.57	30.92	8.52	7.99	7.5	3.469	97.1	2.1	0.5
476	12/9/2015 08:01:12	12.71	47.68	31.01	8.56	8.01	9.2	3.575	98.0	2.0	0.5
477	12/9/2015 08:16:12	12.83	47.74	31.05	8.60	8.03	10.6	3.637	98.7	2.4	0.6
478	12/9/2015 08:31:12	12.95	47.96	31.22	8.62	8.04	10.0	3.712	99.3	1.8	0.4
479	12/9/2015 08:46:12	13.08	47.96	31.22	8.66	8.06	8.4	3.805	100.0	2.3	0.5
480	12/9/2015 09:01:12	13.14	48.06	31.30	8.67	8.07	7.0	3.852	100.2	2.5	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
481	12/9/2015 09:16:12	13.19	48.08	31.31	8.67	8.08	6.0	3.905	100.4	2.1	0.5
482	12/9/2015 09:31:12	13.22	48.18	31.38	8.65	8.08	4.6	3.968	100.3	2.2	0.5
483	12/9/2015 09:46:12	13.22	48.13	31.35	8.61	8.08	4.1	3.982	99.8	1.5	0.4
484	12/9/2015 10:01:12	13.04	48.14	31.35	8.57	8.06	4.1	4.007	99.0	1.6	0.4
485	12/9/2015 10:16:12	13.08	47.92	31.19	8.50	8.05	4.3	3.997	98.2	1.2	0.3
486	12/9/2015 10:31:12	12.67	47.75	31.05	8.48	8.00	7.2	3.958	97.0	1.9	0.4
487	12/9/2015 10:46:12	13.10	48.04	31.28	8.59	8.06	5.3	3.925	99.3	1.2	0.3
488	12/9/2015 11:01:12	12.82	47.84	31.13	8.56	8.01	5.1	3.868	98.3	1.5	0.3
489	12/9/2015 11:16:12	13.12	48.07	31.30	8.75	8.05	5.4	3.747	101.1	2.3	0.5
490	12/9/2015 11:31:12	13.03	47.89	31.17	8.68	8.03	5.4	3.674	100.1	2.1	0.5
491	12/9/2015 11:46:12	12.83	47.55	30.92	8.60	8.00	5.3	3.596	98.6	1.9	0.4
492	12/9/2015 12:01:12	12.70	47.29	30.72	8.58	7.99	7.5	3.470	98.0	1.9	0.5
493	12/9/2015 12:16:12	12.74	47.41	30.81	8.61	8.00	7.3	3.368	98.5	2.3	0.5
494	12/9/2015 12:31:13	12.68	47.13	30.61	8.52	7.97	7.2	3.255	97.2	2.1	0.5
495	12/9/2015 12:46:13	12.63	47.10	30.58	8.55	7.97	6.4	3.142	97.5	1.9	0.4
496	12/9/2015 13:01:12	12.65	47.20	30.66	8.52	7.97	5.8	3.048	97.2	2.4	0.6
497	12/9/2015 13:16:12	12.61	46.77	30.35	8.50	7.95	6.1	2.920	96.7	1.6	0.4
498	12/9/2015 13:31:11	12.59	46.88	30.42	8.49	7.95	7.3	2.793	96.6	1.9	0.4
499	12/9/2015 13:46:11	12.70	47.18	30.65	8.58	7.97	6.4	2.692	97.9	1.8	0.4
500	12/9/2015 14:01:12	12.72	47.15	30.62	8.69	7.98	5.8	2.563	99.2	2.4	0.6
501	12/9/2015 14:16:12	12.72	47.09	30.58	8.56	7.97	7.6	2.440	97.7	1.6	0.4
502	12/9/2015 14:31:11	12.64	46.75	30.33	8.53	7.95	7.1	2.335	97.0	1.5	0.4
503	12/9/2015 14:46:12	12.73	46.93	30.47	8.58	7.95	7.1	2.196	97.9	1.6	0.4
504	12/9/2015 15:01:12	12.58	46.56	30.19	8.48	7.93	8.1	2.084	96.3	2.1	0.5
505	12/9/2015 15:16:12	12.63	46.58	30.21	8.48	7.93	8.5	1.987	96.4	2.0	0.5
506	12/9/2015 15:31:12	12.73	46.67	30.28	8.55	7.94	9.0	1.844	97.5	1.8	0.4
507	12/9/2015 15:46:12	12.66	46.44	30.11	8.46	7.92	9.6	1.753	96.2	1.6	0.4
508	12/9/2015 16:01:12	12.72	46.40	30.08	8.47	7.93	8.8	1.677	96.5	2.3	0.5
509	12/9/2015 16:16:12	12.70	46.40	30.08	8.45	7.92	9.2	1.592	96.1	2.0	0.5
510	12/9/2015 16:31:13	12.67	46.18	29.92	8.40	7.91	8.3	1.554	95.4	2.5	0.6
511	12/9/2015 16:46:12	12.66	46.27	29.99	8.27	7.90	7.1	1.533	94.0	2.4	0.6
512	12/9/2015 17:01:13	12.64	46.16	29.90	8.39	7.91	7.1	1.515	95.2	2.4	0.6
513	12/9/2015 17:16:12	12.63	46.21	29.94	8.36	7.90	7.5	1.568	94.9	1.6	0.4
514	12/9/2015 17:31:12	12.62	46.03	29.81	8.36	7.90	8.1	1.624	94.8	1.3	0.3
515	12/9/2015 17:46:12	12.62	46.04	29.82	8.34	7.89	7.5	1.651	94.6	2.4	0.6
516	12/9/2015 18:01:11	12.62	45.81	29.66	8.33	7.89	7.9	1.749	94.3	1.4	0.3
517	12/9/2015 18:16:13	12.63	45.79	29.64	8.32	7.89	8.7	1.840	94.2	2.4	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
518	12/9/2015 18:31:12	12.65	45.65	29.54	8.30	7.89	8.3	1.915	94.0	2.0	0.5
519	12/9/2015 18:46:12	12.63	45.84	29.67	8.30	7.89	7.9	2.009	94.1	2.4	0.6
520	12/9/2015 19:01:12	12.63	45.85	29.68	8.30	7.89	7.8	2.084	94.0	1.6	0.4
521	12/9/2015 19:16:12	12.62	46.04	29.82	8.30	7.90	8.1	2.177	94.2	1.5	0.4
522	12/9/2015 19:31:12	12.60	46.27	29.98	8.31	7.91	7.1	2.240	94.2	1.8	0.4
523	12/9/2015 19:46:12	12.54	46.41	30.08	8.30	7.91	7.7	2.336	94.2	1.3	0.3
524	12/9/2015 20:01:12	12.52	46.55	30.18	8.32	7.91	7.5	2.400	94.3	1.0	0.2
525	12/9/2015 20:16:12	12.52	46.61	30.22	8.33	7.91	8.0	2.497	94.5	1.7	0.4
526	12/9/2015 20:31:12	12.55	46.65	30.26	8.35	7.92	8.9	2.562	94.8	1.9	0.5
527	12/9/2015 20:46:12	12.58	46.88	30.42	8.36	7.93	9.0	2.636	95.1	2.2	0.5
528	12/9/2015 21:01:12	12.61	46.53	30.17	8.40	7.94	9.9	2.734	95.4	1.5	0.3
529	12/9/2015 21:16:12	12.68	46.83	30.39	8.42	7.95	11.4	2.807	96.0	2.0	0.5
530	12/9/2015 21:31:12	12.72	47.13	30.61	8.44	7.96	14.1	2.900	96.3	2.6	0.6
531	12/9/2015 21:46:12	12.81	47.20	30.66	8.49	7.98	14.7	2.980	97.2	1.9	0.5
532	12/9/2015 22:01:13	12.89	47.43	30.83	8.54	8.00	13.7	3.069	98.0	2.1	0.5
533	12/9/2015 22:16:12	12.98	47.51	30.89	8.62	8.01	13.4	3.175	99.1	2.7	0.6
534	12/9/2015 22:31:12	13.04	47.62	30.97	8.63	8.02	15.0	3.252	99.4	2.6	0.6
535	12/9/2015 22:46:12	13.08	47.65	30.99	8.65	8.03	13.8	3.304	99.7	2.6	0.6
536	12/9/2015 23:01:12	13.12	47.87	31.16	8.66	8.04	9.7	3.356	100.1	2.8	0.7
537	12/9/2015 23:16:12	13.14	47.79	31.10	8.62	8.04	7.0	3.424	99.6	3.3	0.8
538	12/9/2015 23:31:12	13.22	47.97	31.23	8.73	8.07	6.7	3.441	101.1	3.0	0.7
539	12/9/2015 23:46:12	13.20	48.06	31.30	8.74	8.07	6.1	3.471	101.3	3.7	0.9
540	12/10/2015 00:01:12	13.27	47.99	31.25	8.74	8.08	4.8	3.467	101.3	3.3	0.8
541	12/10/2015 00:16:12	13.22	48.01	31.26	8.71	8.06	6.8	3.485	100.9	3.2	0.8
542	12/10/2015 00:31:12	13.19	47.83	31.13	8.71	8.06	7.9	3.480	100.8	2.8	0.7
543	12/10/2015 00:46:12	13.16	47.90	31.18	8.66	8.05	7.2	3.437	100.1	2.9	0.7
544	12/10/2015 01:01:12	13.04	47.51	30.89	8.57	8.02	8.5	3.319	98.7	2.2	0.5
545	12/10/2015 01:16:12	13.04	47.59	30.95	8.57	8.02	10.8	3.224	98.7	2.4	0.6
546	12/10/2015 01:31:12	12.96	47.25	30.70	8.54	8.01	10.2	3.185	98.1	2.4	0.6
547	12/10/2015 01:46:12	12.94	47.26	30.71	8.49	8.00	10.5	3.084	97.4	1.9	0.4
548	12/10/2015 02:01:12	12.84	47.01	30.53	8.42	7.98	12.6	2.997	96.3	2.8	0.7
549	12/10/2015 02:16:13	12.79	47.06	30.56	8.38	7.97	12.5	2.948	95.8	2.1	0.5
550	12/10/2015 02:31:12	12.76	46.78	30.36	8.37	7.96	11.7	2.882	95.5	2.3	0.5
551	12/10/2015 02:46:13	12.74	46.85	30.41	8.35	7.96	12.2	2.789	95.3	1.8	0.4
552	12/10/2015 03:01:12	12.71	46.70	30.30	8.36	7.95	11.6	2.761	95.3	1.8	0.4
553	12/10/2015 03:16:12	12.67	46.61	30.23	8.36	7.94	12.0	2.715	95.1	2.1	0.5
554	12/10/2015 03:31:12	12.65	46.27	29.99	8.36	7.93	12.2	2.640	94.9	2.3	0.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
555	12/10/2015 03:46:12	12.64	46.25	29.97	8.32	7.93	11.5	2.658	94.4	2.0	0.5
556	12/10/2015 04:01:12	12.63	46.30	30.01	8.29	7.93	11.5	2.613	94.1	1.6	0.4
557	12/10/2015 04:16:13	12.63	46.23	29.95	8.30	7.92	11.1	2.579	94.2	1.9	0.4
558	12/10/2015 04:31:12	12.66	46.47	30.13	8.22	7.93	10.1	2.626	93.5	1.3	0.3
559	12/10/2015 04:46:13	12.67	46.67	30.27	8.17	7.93	9.6	2.578	93.0	1.4	0.3
560	12/10/2015 05:01:12	12.67	46.54	30.18	8.19	7.93	9.4	2.625	93.2	1.4	0.3
561	12/10/2015 05:16:12	12.66	46.47	30.13	8.28	7.93	11.4	2.667	94.1	1.7	0.4
562	12/10/2015 05:31:13	12.65	46.59	30.22	8.28	7.93	10.6	2.661	94.2	1.4	0.3
563	12/10/2015 05:46:12	12.67	46.51	30.16	8.31	7.94	8.8	2.747	94.6	1.7	0.4
564	12/10/2015 06:01:13	12.68	46.73	30.32	8.29	7.94	10.4	2.779	94.4	1.6	0.4
565	12/10/2015 06:16:12	12.69	46.58	30.21	8.32	7.95	9.5	2.811	94.7	1.8	0.4
566	12/10/2015 06:31:13	12.72	46.71	30.30	8.33	7.95	9.9	2.908	94.9	1.8	0.4
567	12/10/2015 06:46:12	12.78	46.77	30.35	8.38	7.97	10.3	2.965	95.7	2.0	0.5
568	12/10/2015 07:01:12	12.84	47.01	30.52	8.43	7.99	8.9	3.040	96.4	1.4	0.3
569	12/10/2015 07:16:12	12.83	47.01	30.52	8.44	7.99	8.7	3.118	96.6	2.0	0.5
570	12/10/2015 07:31:13	12.83	47.20	30.66	8.44	7.99	9.0	3.200	96.7	2.3	0.5
571	12/10/2015 07:46:13	12.84	47.29	30.73	8.44	7.99	9.4	3.283	96.7	2.3	0.5
572	12/10/2015 08:01:13	12.92	47.39	30.80	8.49	8.00	9.1	3.361	97.5	2.4	0.6
573	12/10/2015 08:16:12	12.98	47.60	30.95	8.51	8.02	10.1	3.472	97.9	2.6	0.6
574	12/10/2015 08:31:12	13.03	47.72	31.04	8.54	8.04	8.7	3.543	98.5	2.8	0.6
575	12/10/2015 08:46:12	13.11	47.80	31.11	8.61	8.06	8.6	3.646	99.4	3.4	0.8
576	12/10/2015 09:01:12	13.16	48.10	31.32	8.63	8.07	10.6	3.703	99.9	4.0	0.9
577	12/10/2015 09:16:12	13.18	48.14	31.36	8.66	8.08	7.8	3.803	100.3	3.6	0.8
578	12/10/2015 09:31:12	13.21	48.08	31.31	8.70	8.09	7.3	3.894	100.8	4.1	1.0
579	12/10/2015 09:46:12	13.21	48.20	31.40	8.65	8.09	5.5	3.934	100.2	3.8	0.9
580	12/10/2015 10:01:11	13.20	48.23	31.42	8.72	8.10	5.1	3.993	101.0	3.5	0.8
581	12/10/2015 10:16:11	13.23	48.19	31.39	8.73	8.10	5.0	4.022	101.3	3.5	0.8
582	12/10/2015 10:31:12	13.24	48.31	31.48	8.66	8.10	3.8	4.040	100.5	3.3	0.8
583	12/10/2015 10:46:12	13.19	48.13	31.35	8.62	8.09	4.5	4.064	99.8	2.4	0.6
584	12/10/2015 11:01:12	13.17	48.26	31.44	8.53	8.08	6.0	4.058	98.8	1.9	0.4
585	12/10/2015 11:16:13	13.18	48.30	31.47	8.56	8.09	5.7	3.976	99.2	1.8	0.4
586	12/10/2015 11:31:12	13.16	48.10	31.32	8.64	8.07	6.9	3.932	100.0	2.2	0.5
587	12/10/2015 11:46:13	13.14	47.95	31.21	8.74	8.07	6.2	3.872	101.1	2.8	0.7
588	12/10/2015 12:01:13	13.12	47.90	31.18	8.83	8.07	5.6	3.744	102.0	4.2	1.0
589	12/10/2015 12:16:12	13.06	47.88	31.17	8.76	8.06	5.2	3.645	101.0	3.8	0.9
590	12/10/2015 12:31:12	12.98	47.50	30.88	8.70	8.04	6.5	3.558	100.1	3.5	0.8
591	12/10/2015 12:46:12	12.94	47.48	30.87	8.62	8.03	8.7	3.462	99.1	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	Fluorescence %FS
592	12/10/2015 13:01:13	12.94	47.52	30.90	8.62	8.03	9.1	3.334	99.1	3.4	0.8
593	12/10/2015 13:16:12	12.90	47.39	30.81	8.58	8.02	8.4	3.211	98.5	3.0	0.7
594	12/10/2015 13:31:13	12.80	47.07	30.57	8.55	8.00	9.0	3.110	97.8	2.5	0.6
595	12/10/2015 13:46:13	12.71	46.64	30.25	8.51	7.97	9.0	3.011	96.9	2.8	0.7
596	12/10/2015 14:01:13	12.67	46.38	30.07	8.49	7.96	9.3	2.902	96.5	1.9	0.5
597	12/10/2015 14:16:12	12.63	46.20	29.94	8.47	7.95	10.4	2.829	96.1	2.5	0.6
598	12/10/2015 14:31:13	12.60	46.19	29.93	8.48	7.96	10.6	2.719	96.2	2.2	0.5
599	12/10/2015 14:46:12	12.62	46.34	30.04	8.46	7.96	11.4	2.589	96.0	2.1	0.5
600	12/10/2015 15:01:12	12.62	46.53	30.17	8.50	7.97	10.4	2.504	96.5	2.8	0.7
601	12/10/2015 15:16:12	12.58	46.42	30.09	8.49	7.96	11.2	2.370	96.3	2.3	0.5
602	12/10/2015 15:31:12	12.54	46.31	30.01	8.45	7.95	13.0	2.276	95.7	2.4	0.6
603	12/10/2015 15:46:12	12.51	46.17	29.91	8.43	7.94	14.0	2.146	95.4	2.3	0.5
604	12/10/2015 16:01:12	12.45	45.98	29.77	8.42	7.93	15.9	2.032	95.1	2.2	0.5
605	12/10/2015 16:16:12	12.43	45.91	29.72	8.38	7.92	17.3	1.956	94.6	2.5	0.6
606	12/10/2015 16:31:12	12.39	45.74	29.60	8.39	7.92	17.4	1.839	94.6	2.1	0.5
607	12/10/2015 16:46:12	12.36	45.75	29.60	8.37	7.92	17.5	1.766	94.2	2.7	0.6
608	12/10/2015 17:01:12	12.33	45.59	29.48	8.36	7.91	17.1	1.756	94.0	2.4	0.6
609	12/10/2015 17:16:13	12.31	45.35	29.31	8.33	7.90	16.0	1.689	93.6	1.9	0.4
610	12/10/2015 17:31:12	12.33	45.29	29.27	8.29	7.90	14.4	1.690	93.1	2.4	0.6
611	12/10/2015 17:46:12	12.32	45.23	29.23	8.29	7.89	14.7	1.628	93.1	2.0	0.5
612	12/10/2015 18:01:13	12.30	45.33	29.30	8.33	7.90	14.3	1.699	93.5	2.2	0.5
613	12/10/2015 18:16:12	12.30	45.11	29.14	8.33	7.90	12.5	1.658	93.5	1.8	0.4
614	12/10/2015 18:31:12	12.31	45.44	29.38	8.33	7.90	12.2	1.721	93.6	2.2	0.5
615	12/10/2015 18:46:12	12.31	45.15	29.17	8.33	7.90	13.6	1.813	93.4	2.1	0.5
616	12/10/2015 19:01:12	12.35	44.27	28.54	8.34	7.89	11.5	1.860	93.3	2.3	0.6
617	12/10/2015 19:16:12	12.37	44.63	28.80	8.30	7.89	12.7	1.965	93.0	2.0	0.5
618	12/10/2015 19:31:13	12.39	44.83	28.94	8.28	7.90	12.1	2.046	92.9	2.7	0.6
619	12/10/2015 19:46:13	12.41	44.90	29.00	8.29	7.90	12.0	2.146	93.1	2.3	0.5
620	12/10/2015 20:01:12	12.48	45.43	29.38	8.31	7.92	15.0	2.259	93.7	2.4	0.6
621	12/10/2015 20:16:12	12.50	45.68	29.55	8.32	7.92	12.2	2.331	94.0	2.4	0.6
622	12/10/2015 20:31:12	12.50	45.77	29.62	8.33	7.92	13.0	2.431	94.1	2.0	0.5
623	12/10/2015 20:46:13	12.45	45.80	29.64	8.35	7.92	11.9	2.511	94.2	2.2	0.5
624	12/10/2015 21:01:12	12.47	45.81	29.65	8.35	7.92	13.4	2.590	94.3	2.2	0.5
625	12/10/2015 21:16:12	12.49	45.97	29.76	8.36	7.93	11.4	2.653	94.5	2.1	0.5
626	12/10/2015 21:31:12	12.50	45.92	29.73	8.36	7.94	12.8	2.773	94.5	2.3	0.5
627	12/10/2015 21:46:13	12.54	46.24	29.96	8.37	7.95	14.3	2.857	94.8	2.7	0.6
628	12/10/2015 22:01:13	12.61	46.44	30.10	8.42	7.97	21.6	2.940	95.6	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	Fluorescence %FS
629	12/10/2015 22:16:12	12.65	46.70	30.29	8.45	7.98	18.8	2.999	96.1	2.7	0.6
630	12/10/2015 22:31:12	12.70	46.63	30.24	8.48	8.00	15.0	3.121	96.6	2.6	0.6
631	12/10/2015 22:46:12	12.72	47.03	30.54	8.49	8.01	14.2	3.195	96.9	3.0	0.7
632	12/10/2015 23:01:11	12.76	47.20	30.66	8.58	8.03	11.9	3.258	98.1	2.6	0.6
633	12/10/2015 23:16:12	12.81	47.53	30.90	8.65	8.04	11.5	3.347	99.1	2.7	0.6
634	12/10/2015 23:31:13	12.84	47.51	30.89	8.69	8.05	8.6	3.398	99.6	3.0	0.7
635	12/10/2015 23:46:12	12.83	47.50	30.88	8.81	8.06	9.2	3.471	101.0	2.4	0.6
636	12/11/2015 00:01:12	12.84	47.24	30.69	8.75	8.06	9.3	3.501	100.2	2.3	0.5
637	12/11/2015 00:16:12	12.86	47.38	30.80	8.96	8.07	9.3	3.469	102.7	1.9	0.4
638	12/11/2015 00:31:12	12.87	47.48	30.87	8.85	8.06	7.6	3.492	101.5	3.0	0.7
639	12/11/2015 00:46:12	12.84	47.52	30.89	8.63	8.04	7.6	3.473	99.0	2.3	0.5
640	12/11/2015 01:01:12	12.77	47.35	30.77	8.70	8.04	8.1	3.410	99.5	2.6	0.6
641	12/11/2015 01:16:12	12.43	46.56	30.19	8.48	8.00	7.0	3.401	96.0	1.7	0.4
642	12/11/2015 01:31:12	12.45	46.67	30.27	8.47	8.00	7.0	3.290	95.9	2.0	0.5
643	12/11/2015 01:46:12	12.40	46.45	30.10	8.36	7.97	8.3	3.248	94.5	2.2	0.5
644	12/11/2015 02:01:12	12.41	46.51	30.15	8.36	7.97	9.7	3.185	94.6	2.1	0.5
645	12/11/2015 02:16:12	12.31	46.15	29.89	8.34	7.95	8.6	3.101	93.9	1.3	0.3
646	12/11/2015 02:31:12	12.25	46.03	29.80	8.32	7.95	7.4	3.022	93.6	2.1	0.5
647	12/11/2015 02:46:12	12.20	45.66	29.53	8.31	7.94	8.1	3.030	93.2	1.7	0.4
648	12/11/2015 03:01:12	12.17	45.53	29.44	8.34	7.94	7.3	2.946	93.5	1.8	0.4
649	12/11/2015 03:16:12	12.08	45.26	29.24	8.35	7.93	7.1	2.885	93.3	1.9	0.5
650	12/11/2015 03:31:12	12.05	45.22	29.21	8.33	7.93	7.3	2.813	93.0	2.0	0.5
651	12/11/2015 03:46:12	12.02	45.20	29.19	8.34	7.93	7.0	2.754	93.1	2.0	0.5
652	12/11/2015 04:01:11	12.15	45.50	29.42	8.24	7.93	5.9	2.725	92.2	1.9	0.4
653	12/11/2015 04:16:12	12.18	45.51	29.42	8.21	7.92	5.9	2.669	92.0	1.6	0.4
654	12/11/2015 04:31:13	12.17	45.52	29.43	8.19	7.92	5.4	2.603	91.8	2.0	0.5
655	12/11/2015 04:46:12	12.19	45.62	29.50	8.14	7.92	5.6	2.572	91.3	1.5	0.4
656	12/11/2015 05:01:12	12.13	45.58	29.47	8.14	7.92	4.5	2.612	91.2	1.6	0.4
657	12/11/2015 05:16:12	12.16	45.49	29.41	8.17	7.92	5.4	2.552	91.5	1.2	0.3
658	12/11/2015 05:31:12	12.22	45.68	29.54	8.15	7.92	5.2	2.553	91.5	1.5	0.4
659	12/11/2015 05:46:12	12.25	45.82	29.64	8.16	7.93	5.7	2.561	91.7	1.1	0.3
660	12/11/2015 06:01:12	12.24	45.80	29.63	8.20	7.93	6.1	2.603	92.2	1.4	0.3
661	12/11/2015 06:16:12	12.21	45.59	29.48	8.25	7.93	6.2	2.615	92.6	1.4	0.3
662	12/11/2015 06:31:12	12.17	45.48	29.40	8.26	7.92	7.3	2.653	92.5	2.0	0.5
663	12/11/2015 06:46:12	12.19	45.52	29.43	8.23	7.93	8.8	2.707	92.3	2.3	0.5
664	12/11/2015 07:01:12	12.28	45.82	29.65	8.26	7.94	9.3	2.806	93.0	2.0	0.5
665	12/11/2015 07:16:12	12.34	46.00	29.78	8.27	7.95	10.5	2.852	93.2	1.4	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	Fluorescence %FS
666	12/11/2015 07:31:12	12.41	46.22	29.94	8.34	7.97	10.3	2.946	94.3	1.2	0.3
667	12/11/2015 07:46:13	12.43	46.39	30.07	8.44	7.98	11.4	3.087	95.5	2.3	0.5
668	12/11/2015 08:01:13	12.45	46.55	30.18	8.49	7.99	14.0	3.128	96.1	1.8	0.4
669	12/11/2015 08:16:12	12.44	46.56	30.18	8.48	7.98	13.4	3.226	96.0	2.3	0.5
670	12/11/2015 08:31:12	12.46	46.69	30.28	8.51	7.99	15.0	3.351	96.5	3.0	0.7
671	12/11/2015 08:46:12	12.49	46.72	30.30	8.59	8.00	13.1	3.424	97.5	2.5	0.6
672	12/11/2015 09:01:13	12.52	46.77	30.34	8.69	8.02	17.6	3.475	98.6	2.5	0.6
673	12/11/2015 09:16:13	12.59	46.79	30.36	8.87	8.04	18.5	3.629	100.8	2.5	0.6
674	12/11/2015 09:31:12	12.66	46.64	30.25	9.02	8.06	24.7	3.694	102.7	2.5	0.6
675	12/11/2015 09:46:13	12.67	46.93	30.46	9.09	8.06	21.2	3.819	103.6	2.7	0.6
676	12/11/2015 10:01:13	12.68	46.67	30.28	9.21	8.07	18.7	3.859	104.8	2.7	0.6
677	12/11/2015 10:16:12	12.70	46.70	30.29	9.27	8.08	18.4	3.910	105.6	3.3	0.8
678	12/11/2015 10:31:12	12.69	46.76	30.34	9.29	8.07	18.0	3.959	105.8	2.6	0.6
679	12/11/2015 10:46:12	12.51	46.57	30.20	9.30	8.07	14.8	3.987	105.5	2.3	0.5
680	12/11/2015 11:01:13	12.71	46.42	30.10	9.30	8.08	15.7	4.042	105.9	2.8	0.7
681	12/11/2015 11:16:12	12.48	46.42	30.09	9.06	8.05	12.7	4.056	102.6	2.0	0.5
682	12/11/2015 11:31:12	12.59	46.30	30.00	9.04	8.05	12.6	4.073	102.5	2.1	0.5
683	12/11/2015 11:46:12	12.31	46.32	30.01	8.51	7.99	7.8	4.037	96.0	1.9	0.5
684	12/11/2015 12:01:12	12.46	46.59	30.21	8.74	8.02	7.5	4.009	98.9	2.3	0.5
685	12/11/2015 12:16:12	12.67	46.83	30.39	9.04	8.06	11.0	3.950	102.9	1.9	0.4
686	12/11/2015 12:31:13	12.66	46.93	30.46	9.11	8.07	10.0	3.865	103.8	2.5	0.6
687	12/11/2015 12:46:13	12.64	46.81	30.37	9.08	8.06	9.2	3.765	103.4	2.3	0.5
688	12/11/2015 13:01:12	12.62	46.77	30.35	8.99	8.05	9.2	3.699	102.3	2.4	0.6
689	12/11/2015 13:16:13	12.37	46.32	30.01	8.81	8.02	7.8	3.587	99.5	2.9	0.7
690	12/11/2015 13:31:12	12.32	45.92	29.72	8.79	8.01	8.6	3.459	99.0	3.2	0.8
691	12/11/2015 13:46:12	12.31	45.97	29.76	8.78	8.01	9.9	3.335	98.8	3.1	0.7
692	12/11/2015 14:01:12	12.23	45.56	29.46	8.68	7.99	10.0	3.214	97.4	2.5	0.6
693	12/11/2015 14:16:12	12.13	45.17	29.18	8.64	7.97	9.7	3.089	96.6	2.6	0.6
694	12/11/2015 14:31:12	12.04	44.94	29.01	8.60	7.96	10.8	2.960	95.8	2.3	0.5
695	12/11/2015 14:46:12	12.02	44.92	28.99	8.60	7.96	12.0	2.842	95.7	2.1	0.5
696	12/11/2015 15:01:12	12.03	44.89	28.97	8.60	7.96	12.5	2.740	95.8	1.7	0.4
697	12/11/2015 15:16:12	12.01	44.92	28.99	8.62	7.96	11.5	2.587	96.0	1.5	0.4
698	12/11/2015 15:31:12	12.04	45.03	29.08	8.63	7.96	11.5	2.444	96.2	2.7	0.6
699	12/11/2015 15:46:13	11.92	45.06	29.09	8.58	7.94	12.0	2.300	95.4	2.2	0.5
700	12/11/2015 16:01:13	11.87	44.77	28.88	8.59	7.94	11.1	2.183	95.3	2.9	0.7
701	12/11/2015 16:16:13	11.79	44.84	28.93	8.57	7.93	12.2	2.060	94.9	2.4	0.6
702	12/11/2015 16:31:12	11.70	44.75	28.86	8.54	7.92	13.9	1.925	94.3	1.9	0.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
703	12/11/2015 16:46:12	11.63	44.73	28.84	8.52	7.91	12.6	1.800	94.0	2.3	0.5
704	12/11/2015 17:01:12	11.57	44.58	28.73	8.51	7.91	12.2	1.692	93.7	1.8	0.4
705	12/11/2015 17:16:12	11.57	44.78	28.88	8.49	7.91	13.4	1.622	93.6	2.3	0.5
706	12/11/2015 17:31:12	11.50	44.70	28.81	8.47	7.90	12.7	1.517	93.2	2.3	0.5
707	12/11/2015 17:46:12	11.46	44.39	28.59	8.44	7.90	11.7	1.493	92.7	2.2	0.5
708	12/11/2015 18:01:12	11.43	44.65	28.77	8.38	7.89	9.2	1.461	92.1	2.3	0.5
709	12/11/2015 18:16:12	11.42	44.56	28.71	8.40	7.89	8.9	1.458	92.2	2.4	0.6
710	12/11/2015 18:31:12	11.44	44.57	28.72	8.44	7.89	9.4	1.474	92.7	2.3	0.5
711	12/11/2015 18:46:12	11.45	44.48	28.65	8.46	7.89	8.7	1.544	92.9	2.1	0.5
712	12/11/2015 19:01:13	11.45	44.45	28.63	8.46	7.89	9.4	1.581	92.9	1.9	0.5
713	12/11/2015 19:16:12	11.46	43.63	28.05	8.48	7.89	8.7	1.660	92.8	2.2	0.5
714	12/11/2015 19:31:12	11.49	43.38	27.87	8.46	7.89	11.7	1.769	92.5	2.1	0.5
715	12/11/2015 19:46:12	11.51	42.96	27.58	8.46	7.88	11.0	1.841	92.4	2.3	0.5
716	12/11/2015 20:01:12	11.54	42.69	27.38	8.47	7.89	9.5	1.938	92.5	2.6	0.6
717	12/11/2015 20:16:12	11.62	43.73	28.12	8.44	7.90	11.2	2.054	92.7	2.1	0.5
718	12/11/2015 20:31:12	11.72	43.70	28.11	8.46	7.91	11.4	2.125	93.1	2.3	0.5
719	12/11/2015 20:46:11	11.81	44.36	28.59	8.46	7.92	11.5	2.214	93.5	1.9	0.4
720	12/11/2015 21:01:12	11.87	44.73	28.85	8.47	7.93	13.3	2.335	93.9	2.7	0.6
721	12/11/2015 21:16:12	11.84	44.60	28.76	8.46	7.92	13.1	2.444	93.7	2.1	0.5
722	12/11/2015 21:31:12	11.82	44.67	28.81	8.48	7.92	12.4	2.540	93.9	2.4	0.6
723	12/11/2015 21:46:12	11.80	44.68	28.81	8.48	7.92	11.9	2.630	93.9	1.9	0.5
724	12/11/2015 22:01:12	11.88	44.79	28.90	8.50	7.94	14.4	2.741	94.3	2.3	0.5
725	12/11/2015 22:16:12	11.92	44.74	28.86	8.51	7.94	16.7	2.823	94.5	2.5	0.6
726	12/11/2015 22:31:12	12.02	44.80	28.91	8.58	7.96	25.3	2.883	95.5	2.9	0.7
727	12/11/2015 22:46:12	12.08	45.06	29.10	8.61	7.97	21.4	2.992	96.1	3.1	0.7
728	12/11/2015 23:01:12	12.11	45.19	29.19	8.62	7.97	23.6	3.093	96.3	2.5	0.6
729	12/11/2015 23:16:12	12.15	45.36	29.31	8.67	7.98	25.6	3.160	97.0	2.4	0.6
730	12/11/2015 23:31:12	12.21	45.64	29.52	8.84	8.00	26.0	3.265	99.2	2.6	0.6
731	12/11/2015 23:46:12	12.27	45.79	29.63	8.95	8.01	29.8	3.352	100.7	2.9	0.7
732	12/12/2015 00:01:12	12.39	46.20	29.93	9.11	8.02	32.4	3.390	102.9	2.9	0.7
733	12/12/2015 00:16:12	12.48	46.60	30.22	9.18	8.04	24.1	3.448	104.0	2.9	0.7
734	12/12/2015 00:31:12	12.53	46.72	30.30	9.19	8.04	17.4	3.501	104.3	2.3	0.5
735	12/12/2015 00:46:12	12.56	46.78	30.35	9.15	8.05	15.0	3.506	104.0	2.4	0.6
736	12/12/2015 01:01:12	12.56	46.75	30.33	9.09	8.05	10.8	3.525	103.3	2.5	0.6
737	12/12/2015 01:16:12	12.55	46.80	30.36	9.11	8.04	14.5	3.510	103.6	1.8	0.4
738	12/12/2015 01:31:12	12.52	46.68	30.28	9.15	8.04	19.5	3.466	103.9	1.7	0.4
739	12/12/2015 01:46:12	12.05	45.27	29.24	8.75	7.98	12.6	3.441	97.7	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	Fluorescence %FS
740	12/12/2015 02:01:12	11.91	45.01	29.05	8.67	7.97	14.3	3.339	96.4	2.2	0.5
741	12/12/2015 02:16:12	11.95	45.28	29.25	8.74	7.98	12.2	3.273	97.4	2.0	0.5
742	12/12/2015 02:31:12	11.83	44.68	28.81	8.68	7.96	9.7	3.240	96.2	2.5	0.6
743	12/12/2015 02:46:12	11.75	44.46	28.65	8.60	7.95	10.0	3.151	95.0	2.1	0.5
744	12/12/2015 03:01:12	11.66	44.25	28.50	8.56	7.94	9.6	3.099	94.3	2.1	0.5
745	12/12/2015 03:16:12	11.75	44.20	28.47	8.52	7.94	10.2	3.019	94.1	2.3	0.5
746	12/12/2015 03:31:12	11.57	43.76	28.15	8.52	7.93	8.7	2.932	93.5	2.3	0.5
747	12/12/2015 03:46:12	11.60	44.15	28.43	8.44	7.93	8.9	2.879	92.8	2.6	0.6
748	12/12/2015 04:01:12	11.58	43.81	28.18	8.43	7.92	8.4	2.835	92.6	2.5	0.6
749	12/12/2015 04:16:13	11.62	44.05	28.36	8.40	7.92	7.5	2.765	92.4	1.7	0.4
750	12/12/2015 04:31:12	11.57	43.81	28.18	8.40	7.92	8.2	2.720	92.1	1.9	0.5
751	12/12/2015 04:46:12	11.58	44.12	28.40	8.34	7.92	7.1	2.705	91.7	1.7	0.4
752	12/12/2015 05:01:13	11.57	44.11	28.40	8.37	7.91	7.5	2.625	92.0	1.7	0.4
753	12/12/2015 05:16:13	11.55	44.08	28.38	8.33	7.91	6.8	2.594	91.5	1.8	0.4
754	12/12/2015 05:31:12	11.55	44.07	28.37	8.31	7.91	6.9	2.583	91.2	2.5	0.6
755	12/12/2015 05:46:12	11.56	44.13	28.41	8.26	7.91	6.3	2.601	90.7	2.0	0.5
756	12/12/2015 06:01:12	11.67	44.34	28.56	8.34	7.92	6.8	2.556	92.0	1.5	0.3
757	12/12/2015 06:16:12	11.69	44.39	28.60	8.35	7.92	6.5	2.563	92.1	1.8	0.4
758	12/12/2015 06:31:12	11.68	44.23	28.49	8.38	7.92	6.7	2.567	92.4	1.9	0.4
759	12/12/2015 06:46:12	11.67	44.20	28.46	8.41	7.92	7.2	2.627	92.6	1.6	0.4
760	12/12/2015 07:01:11	11.63	43.94	28.28	8.41	7.92	8.4	2.669	92.5	1.9	0.5
761	12/12/2015 07:16:12	11.63	43.92	28.26	8.42	7.92	10.4	2.697	92.6	2.0	0.5
762	12/12/2015 07:31:12	11.74	44.23	28.49	8.42	7.93	10.5	2.808	92.9	1.7	0.4
763	12/12/2015 07:46:12	11.85	44.65	28.79	8.50	7.95	11.4	2.867	94.2	2.3	0.5
764	12/12/2015 08:01:12	11.84	44.32	28.56	8.58	7.95	9.4	2.938	95.0	1.5	0.4
765	12/12/2015 08:16:12	12.03	45.34	29.30	8.70	7.98	14.1	3.002	97.1	1.7	0.4
766	12/12/2015 08:31:12	12.00	45.17	29.17	8.71	7.97	14.4	3.095	97.0	2.0	0.5
767	12/12/2015 08:46:12	12.00	45.27	29.24	8.71	7.97	14.4	3.197	97.1	2.1	0.5
768	12/12/2015 09:01:12	12.02	45.37	29.32	8.72	7.98	14.6	3.293	97.3	2.0	0.5
769	12/12/2015 09:16:12	12.12	45.55	29.45	8.81	7.99	14.7	3.379	98.6	1.7	0.4
770	12/12/2015 09:31:12	12.24	45.47	29.39	8.93	8.01	20.0	3.491	100.2	2.3	0.5
771	12/12/2015 09:46:12	12.35	45.93	29.73	9.02	8.03	26.0	3.582	101.6	2.7	0.6
772	12/12/2015 10:01:13	12.39	46.00	29.78	9.10	8.04	23.7	3.625	102.6	2.5	0.6
773	12/12/2015 10:16:13	12.48	46.16	29.90	9.16	8.05	29.3	3.753	103.6	2.5	0.6
774	12/12/2015 10:31:13	12.54	46.49	30.14	9.18	8.06	35.5	3.817	104.2	2.6	0.6
775	12/12/2015 10:46:12	12.38	45.99	29.78	9.16	8.05	23.7	3.874	103.4	2.5	0.6
776	12/12/2015 11:01:12	12.59	46.49	30.14	9.19	8.06	29.2	3.973	104.3	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	Fluorescence %FS
777	12/12/2015 11:16:12	12.44	46.34	30.03	9.24	8.05	21.5	3.994	104.5	2.7	0.6
778	12/12/2015 11:31:12	12.62	46.69	30.28	9.27	8.06	19.7	4.006	105.4	2.2	0.5
779	12/12/2015 11:46:12	12.64	46.62	30.23	9.31	8.06	16.8	4.069	105.9	2.0	0.5
780	12/12/2015 12:01:12	12.61	46.69	30.29	9.18	8.06	13.3	4.055	104.4	1.4	0.3
781	12/12/2015 12:16:12	12.59	46.66	30.26	9.12	8.05	17.5	4.038	103.6	1.4	0.3
782	12/12/2015 12:31:13	12.60	46.59	30.22	9.18	8.05	18.0	3.964	104.2	2.4	0.6
783	12/12/2015 12:46:12	12.37	45.77	29.61	9.05	8.04	11.1	3.929	101.9	2.0	0.5
784	12/12/2015 13:01:12	12.38	46.01	29.79	9.11	8.04	9.9	3.829	102.8	2.2	0.5
785	12/12/2015 13:16:12	12.25	45.67	29.54	8.95	8.02	9.6	3.761	100.5	1.5	0.4
786	12/12/2015 13:31:12	12.09	44.87	28.96	8.95	8.00	8.7	3.642	99.8	2.4	0.6
787	12/12/2015 13:46:12	11.98	44.36	28.59	8.89	7.99	11.9	3.528	98.6	2.6	0.6
788	12/12/2015 14:01:13	11.87	43.89	28.25	8.86	7.97	10.2	3.399	97.9	2.3	0.5
789	12/12/2015 14:16:13	11.85	43.86	28.23	8.84	7.97	12.2	3.303	97.6	2.0	0.5
790	12/12/2015 14:31:12	11.89	44.26	28.52	8.85	7.98	12.3	3.168	98.0	2.4	0.6
791	12/12/2015 14:46:12	11.84	44.28	28.53	8.81	7.97	9.8	3.049	97.4	2.7	0.6
792	12/12/2015 15:01:12	11.86	44.25	28.51	8.82	7.97	10.0	2.916	97.6	2.3	0.5
793	12/12/2015 15:16:12	11.84	44.39	28.60	8.77	7.97	10.0	2.803	97.0	2.0	0.5
794	12/12/2015 15:31:12	11.77	44.22	28.49	8.80	7.96	11.2	2.666	97.2	2.5	0.6
795	12/12/2015 15:46:13	11.76	44.22	28.48	8.74	7.96	14.1	2.517	96.5	2.5	0.6
796	12/12/2015 16:01:12	11.63	43.90	28.25	8.72	7.94	15.8	2.405	95.8	2.9	0.7
797	12/12/2015 16:16:12	11.56	43.73	28.13	8.66	7.93	16.7	2.272	95.0	2.3	0.5
798	12/12/2015 16:31:12	11.60	44.27	28.52	8.69	7.95	21.7	2.119	95.7	3.2	0.8
799	12/12/2015 16:46:12	11.36	43.68	28.08	8.66	7.92	21.1	1.977	94.6	2.6	0.6
800	12/12/2015 17:01:12	11.30	43.46	27.92	8.64	7.91	20.3	1.876	94.1	2.2	0.5
801	12/12/2015 17:16:12	11.25	43.45	27.91	8.64	7.90	24.2	1.707	94.0	3.2	0.7
802	12/12/2015 17:31:13	11.20	43.34	27.83	8.62	7.90	29.2	1.595	93.7	3.1	0.7
803	12/12/2015 17:46:12	11.17	43.35	27.84	8.60	7.89	33.1	1.497	93.4	3.6	0.8
804	12/12/2015 18:01:12	11.13	43.34	27.83	8.61	7.89	35.6	1.397	93.4	3.2	0.8
805	12/12/2015 18:16:12	11.08	43.28	27.79	8.59	7.88	28.4	1.366	93.0	3.1	0.7
806	12/12/2015 18:31:12	11.06	43.24	27.75	8.56	7.88	20.7	1.326	92.7	2.8	0.6
807	12/12/2015 18:46:12	11.06	43.22	27.74	8.58	7.88	17.0	1.344	92.9	2.3	0.5
808	12/12/2015 19:01:12	11.08	43.11	27.66	8.60	7.88	14.2	1.334	93.1	2.4	0.6
809	12/12/2015 19:16:12	11.08	43.12	27.67	8.59	7.88	13.0	1.404	93.0	2.2	0.5
810	12/12/2015 19:31:12	11.10	42.84	27.47	8.60	7.88	14.2	1.515	93.0	2.3	0.5
811	12/12/2015 19:46:12	11.10	41.98	26.87	8.62	7.88	13.7	1.563	92.8	2.6	0.6
812	12/12/2015 20:01:13	11.11	41.57	26.58	8.61	7.88	14.2	1.636	92.7	2.4	0.6
813	12/12/2015 20:16:12	11.16	41.81	26.75	8.60	7.88	14.0	1.749	92.7	2.4	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
814	12/12/2015 20:31:12	11.19	41.94	26.84	8.60	7.88	14.8	1.866	92.8	2.6	0.6
815	12/12/2015 20:46:12	11.23	42.42	27.18	8.57	7.89	14.8	1.938	92.8	2.4	0.6
816	12/12/2015 21:01:12	11.36	42.84	27.49	8.59	7.90	14.1	2.049	93.5	2.5	0.6
817	12/12/2015 21:16:12	11.44	43.16	27.71	8.58	7.91	13.4	2.114	93.7	2.0	0.5
818	12/12/2015 21:31:12	11.44	43.27	27.79	8.59	7.91	12.8	2.225	93.8	2.4	0.6
819	12/12/2015 21:46:12	11.42	43.36	27.86	8.60	7.91	14.1	2.334	93.9	2.3	0.5
820	12/12/2015 22:01:12	11.35	43.26	27.78	8.59	7.90	15.7	2.420	93.6	2.5	0.6
821	12/12/2015 22:16:12	11.39	42.86	27.50	8.63	7.91	17.2	2.523	93.9	2.4	0.6
822	12/12/2015 22:31:12	11.48	43.63	28.05	8.61	7.92	18.6	2.626	94.3	2.8	0.7
823	12/12/2015 22:46:12	11.52	43.58	28.02	8.64	7.92	18.0	2.721	94.6	2.4	0.6
824	12/12/2015 23:01:12	11.61	43.82	28.20	8.67	7.94	25.5	2.815	95.2	2.2	0.5
825	12/12/2015 23:16:12	11.76	44.17	28.45	8.74	7.96	31.9	2.906	96.5	2.6	0.6
826	12/12/2015 23:31:12	11.85	44.31	28.55	8.79	7.97	28.8	3.005	97.2	2.6	0.6
827	12/12/2015 23:46:12	11.95	44.69	28.82	8.85	7.98	31.5	3.100	98.3	2.9	0.7
828	12/13/2015 00:01:12	12.03	44.95	29.02	8.90	7.99	28.8	3.179	99.2	3.3	0.8
829	12/13/2015 00:16:12	12.07	45.22	29.21	8.92	8.00	28.6	3.269	99.7	3.0	0.7
830	12/13/2015 00:31:12	12.09	45.42	29.35	8.91	8.00	32.1	3.341	99.6	3.5	0.8
831	12/13/2015 00:46:12	12.19	45.70	29.56	8.90	8.02	28.3	3.415	99.8	2.7	0.6
832	12/13/2015 01:01:12	12.26	45.68	29.55	8.94	8.03	24.1	3.490	100.4	2.5	0.6
833	12/13/2015 01:16:12	12.29	45.81	29.64	8.94	8.03	21.2	3.522	100.5	2.5	0.6
834	12/13/2015 01:31:12	12.22	45.70	29.56	8.91	8.02	14.2	3.561	100.0	2.4	0.6
835	12/13/2015 01:46:12	12.27	45.85	29.67	8.85	8.02	16.1	3.570	99.5	2.4	0.6
836	12/13/2015 02:01:12	12.29	45.66	29.53	8.87	8.02	14.7	3.583	99.7	2.1	0.5
837	12/13/2015 02:16:12	12.29	45.59	29.48	8.88	8.03	15.2	3.525	99.8	2.1	0.5
838	12/13/2015 02:31:13	12.18	45.57	29.47	8.85	8.01	15.8	3.459	99.2	2.3	0.5
839	12/13/2015 02:46:13	12.04	44.76	28.88	8.85	8.00	13.8	3.413	98.5	2.2	0.5
840	12/13/2015 03:01:12	12.01	44.69	28.83	8.86	7.99	11.5	3.379	98.6	2.5	0.6
841	12/13/2015 03:16:12	11.96	44.51	28.70	8.84	7.99	10.6	3.293	98.1	1.9	0.5
842	12/13/2015 03:31:12	11.87	44.15	28.44	8.78	7.97	12.0	3.218	97.1	2.1	0.5
843	12/13/2015 03:46:13	11.84	44.24	28.50	8.79	7.97	11.9	3.126	97.2	1.9	0.4
844	12/13/2015 04:01:12	11.81	44.02	28.35	8.80	7.96	10.3	3.067	97.1	2.2	0.5
845	12/13/2015 04:16:12	11.79	43.94	28.29	8.77	7.96	10.6	3.010	96.8	1.8	0.4
846	12/13/2015 04:31:13	11.70	43.60	28.04	8.74	7.95	10.0	2.972	96.2	2.6	0.6
847	12/13/2015 04:46:12	11.72	43.67	28.09	8.68	7.95	9.8	2.951	95.6	2.2	0.5
848	12/13/2015 05:01:12	11.75	43.81	28.19	8.70	7.95	14.5	2.859	95.8	2.3	0.5
849	12/13/2015 05:16:13	11.78	44.14	28.43	8.71	7.96	15.9	2.844	96.2	2.4	0.6
850	12/13/2015 05:31:12	11.74	43.80	28.18	8.72	7.96	31.7	2.823	96.0	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	Fluorescence %FS
851	12/13/2015 05:46:12	11.65	43.82	28.19	8.80	7.97	68.7	2.758	96.8	4.3	1.0
852	12/13/2015 06:01:12	11.63	43.89	28.25	8.79	7.97	58.7	2.716	96.6	4.1	1.0
853	12/13/2015 06:16:12	11.58	43.65	28.07	8.77	7.96	46.6	2.716	96.2	3.1	0.7
854	12/13/2015 06:31:12	11.51	43.58	28.02	8.76	7.95	34.6	2.718	95.9	4.0	0.9
855	12/13/2015 06:46:12	11.37	43.25	27.78	8.80	7.95	35.4	2.678	95.9	3.1	0.7
856	12/13/2015 07:01:12	11.39	43.22	27.76	8.72	7.94	26.4	2.674	95.1	2.5	0.6
857	12/13/2015 07:16:13	11.45	43.45	27.92	8.78	7.95	27.2	2.708	96.0	3.0	0.7
858	12/13/2015 07:31:12	11.35	43.00	27.60	8.81	7.94	25.8	2.720	95.8	3.4	0.8
859	12/13/2015 07:46:12	11.43	42.93	27.55	8.77	7.94	25.0	2.775	95.6	2.6	0.6
860	12/13/2015 08:01:12	11.56	43.48	27.95	8.73	7.95	21.1	2.794	95.6	2.0	0.5
861	12/13/2015 08:16:12	11.56	43.34	27.85	8.74	7.95	27.3	2.877	95.6	3.1	0.7
862	12/13/2015 08:31:12	11.60	43.30	27.82	8.71	7.94	29.8	2.938	95.5	3.0	0.7
863	12/13/2015 08:46:12	11.66	43.47	27.94	8.71	7.95	24.9	3.029	95.6	2.4	0.6
864	12/13/2015 09:01:12	11.75	43.67	28.09	8.72	7.96	32.6	3.098	96.0	2.8	0.7
865	12/13/2015 09:16:12	11.83	44.13	28.42	8.78	7.97	32.8	3.184	97.0	2.8	0.6
866	12/13/2015 09:31:12	11.91	44.38	28.61	8.82	7.98	23.6	3.326	97.7	2.1	0.5
867	12/13/2015 09:46:12	11.90	44.46	28.66	8.83	7.99	19.5	3.389	97.9	2.5	0.6
868	12/13/2015 10:01:12	11.98	44.65	28.80	8.85	8.00	24.4	3.459	98.4	2.3	0.5
869	12/13/2015 10:16:12	12.09	44.92	28.99	8.88	8.01	27.3	3.555	99.1	2.6	0.6
870	12/13/2015 10:31:12	12.07	44.88	28.97	8.91	8.02	17.7	3.656	99.3	2.4	0.6
871	12/13/2015 10:46:13	12.12	45.00	29.06	8.92	8.03	20.9	3.744	99.6	2.2	0.5
872	12/13/2015 11:01:13	12.18	45.07	29.11	8.94	8.04	22.6	3.801	100.0	2.4	0.6
873	12/13/2015 11:16:12	12.22	45.20	29.20	8.96	8.04	17.8	3.884	100.4	1.9	0.4
874	12/13/2015 11:31:12	12.26	45.17	29.18	8.95	8.05	13.1	3.934	100.3	2.2	0.5
875	12/13/2015 11:46:12	12.27	45.39	29.34	8.92	8.05	14.2	3.966	100.2	1.6	0.4
876	12/13/2015 12:01:12	12.30	45.53	29.44	8.92	8.05	11.4	4.008	100.2	1.5	0.3
877	12/13/2015 12:16:12	12.31	45.51	29.43	8.91	8.05	9.6	4.032	100.1	1.7	0.4
878	12/13/2015 12:31:12	12.23	45.34	29.30	8.90	8.04	9.5	4.031	99.7	1.8	0.4
879	12/13/2015 12:46:13	12.29	45.50	29.42	8.85	8.05	12.5	4.009	99.5	1.5	0.4
880	12/13/2015 13:01:13	11.91	44.42	28.63	8.87	8.00	12.0	3.968	98.3	2.1	0.5
881	12/13/2015 13:16:13	11.76	43.78	28.17	8.90	7.99	12.9	3.913	98.1	2.2	0.5
882	12/13/2015 13:31:12	11.69	43.00	27.61	8.96	7.99	13.0	3.855	98.2	2.6	0.6
883	12/13/2015 13:46:12	11.67	42.68	27.38	8.94	7.98	13.3	3.749	97.8	2.8	0.7
884	12/13/2015 14:01:12	11.75	43.19	27.75	8.92	7.99	17.2	3.649	98.0	2.5	0.6
885	12/13/2015 14:16:12	11.77	43.34	27.86	8.89	7.99	22.4	3.553	97.8	2.5	0.6
886	12/13/2015 14:31:12	11.68	43.28	27.81	8.87	7.98	24.2	3.463	97.3	2.2	0.5
887	12/13/2015 14:46:13	11.42	42.38	27.16	8.88	7.95	21.7	3.349	96.5	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	Fluorescence %FS
888	12/13/2015 15:01:13	11.39	42.26	27.08	8.90	7.95	18.4	3.206	96.6	1.9	0.5
889	12/13/2015 15:16:13	11.41	42.55	27.28	8.90	7.95	19.5	3.102	96.8	2.6	0.6
890	12/13/2015 15:31:12	11.37	42.39	27.17	8.90	7.95	20.0	2.976	96.7	2.5	0.6
891	12/13/2015 15:46:12	11.35	42.55	27.28	8.87	7.94	23.6	2.864	96.3	2.9	0.7
892	12/13/2015 16:01:12	11.36	42.73	27.41	8.88	7.95	24.2	2.749	96.6	2.8	0.7
893	12/13/2015 16:16:12	11.37	42.94	27.56	8.89	7.96	22.5	2.615	96.7	3.2	0.7
894	12/13/2015 16:31:12	11.30	42.98	27.59	8.89	7.95	23.4	2.511	96.7	3.2	0.7
895	12/13/2015 16:46:12	11.23	42.97	27.57	8.86	7.95	30.2	2.374	96.2	3.1	0.7
896	12/13/2015 17:01:12	11.10	42.66	27.35	8.84	7.94	42.4	2.216	95.5	3.5	0.8
897	12/13/2015 17:16:12	10.99	42.46	27.20	8.79	7.91	44.6	2.098	94.7	3.8	0.9
898	12/13/2015 17:31:13	10.91	42.38	27.14	8.80	7.91	39.3	1.956	94.5	3.2	0.8
899	12/13/2015 17:46:12	10.85	42.14	26.97	8.80	7.90	34.1	1.845	94.3	3.0	0.7
900	12/13/2015 18:01:12	10.81	42.08	26.92	8.80	7.90	29.9	1.693	94.3	3.0	0.7
901	12/13/2015 18:16:12	10.78	41.89	26.79	8.79	7.89	27.4	1.593	94.0	3.3	0.8
902	12/13/2015 18:31:12	10.75	41.89	26.78	8.79	7.89	25.6	1.483	93.9	3.1	0.7
903	12/13/2015 18:46:12	10.70	41.83	26.74	8.79	7.89	22.4	1.414	93.8	2.7	0.6
904	12/13/2015 19:01:12	10.67	41.74	26.68	8.77	7.89	22.4	1.345	93.5	3.0	0.7
905	12/13/2015 19:16:12	10.64	41.79	26.71	8.76	7.88	21.3	1.282	93.4	2.8	0.7
906	12/13/2015 19:31:12	10.60	41.59	26.57	8.75	7.88	17.2	1.307	93.1	2.7	0.6
907	12/13/2015 19:46:12	10.60	41.66	26.62	8.80	7.89	17.4	1.344	93.6	2.8	0.7
908	12/13/2015 20:01:12	10.63	41.83	26.74	8.78	7.89	18.0	1.397	93.6	2.5	0.6
909	12/13/2015 20:16:12	10.64	41.50	26.51	8.79	7.88	18.2	1.454	93.6	2.2	0.5
910	12/13/2015 20:31:12	10.65	41.33	26.39	8.80	7.88	20.2	1.553	93.6	2.5	0.6
911	12/13/2015 20:46:12	10.69	40.92	26.10	8.79	7.88	22.5	1.642	93.5	3.0	0.7
912	12/13/2015 21:01:12	10.74	40.31	25.67	8.80	7.87	25.6	1.737	93.4	2.7	0.6
913	12/13/2015 21:16:12	10.77	40.29	25.66	8.79	7.87	23.9	1.846	93.3	2.9	0.7
914	12/13/2015 21:31:12	10.80	40.08	25.52	8.80	7.87	27.0	1.973	93.5	3.0	0.7
915	12/13/2015 21:46:12	10.82	39.89	25.38	8.81	7.87	28.4	2.056	93.5	3.4	0.8
916	12/13/2015 22:01:12	10.90	40.34	25.70	8.80	7.88	26.0	2.178	93.8	3.1	0.7
917	12/13/2015 22:16:12	10.97	40.28	25.66	8.83	7.89	26.3	2.298	94.1	3.1	0.7
918	12/13/2015 22:31:12	11.05	41.02	26.19	8.80	7.90	25.8	2.370	94.3	3.2	0.8
919	12/13/2015 22:46:12	11.08	41.15	26.28	8.81	7.91	27.4	2.477	94.5	3.1	0.7
920	12/13/2015 23:01:12	11.10	41.20	26.31	8.79	7.91	24.5	2.590	94.4	3.2	0.8
921	12/13/2015 23:16:12	11.17	41.68	26.65	8.78	7.92	23.0	2.680	94.7	3.1	0.7
922	12/13/2015 23:31:12	11.20	41.76	26.71	8.79	7.92	35.4	2.769	94.8	3.3	0.8
923	12/13/2015 23:46:12	11.25	41.65	26.64	8.81	7.92	36.1	2.849	95.1	2.9	0.7
924	12/14/2015 00:01:12	11.28	41.66	26.65	8.81	7.93	35.1	2.944	95.2	3.2	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
925	12/14/2015 00:16:12	11.31	41.68	26.66	8.83	7.94	36.8	3.018	95.4	3.6	0.8
926	12/14/2015 00:31:12	11.42	42.33	27.13	8.84	7.95	35.7	3.117	96.1	3.8	0.9
927	12/14/2015 00:46:12	11.59	43.19	27.75	8.97	7.98	34.1	3.203	98.2	3.4	0.8
928	12/14/2015 01:01:12	11.68	43.80	28.18	9.02	7.99	29.0	3.305	99.2	3.0	0.7
929	12/14/2015 01:16:12	11.84	44.62	28.77	9.12	8.01	33.8	3.373	101.0	3.3	0.8
930	12/14/2015 01:31:12	11.96	45.28	29.25	9.15	8.02	24.5	3.443	102.0	2.3	0.5
931	12/14/2015 01:46:12	12.02	45.69	29.54	9.16	8.02	20.7	3.475	102.4	2.3	0.5
932	12/14/2015 02:01:12	12.06	45.89	29.69	9.10	8.02	15.8	3.511	101.8	2.2	0.5
933	12/14/2015 02:16:12	12.09	46.03	29.79	9.03	8.03	10.1	3.529	101.2	2.4	0.6
934	12/14/2015 02:31:12	12.09	46.01	29.78	9.10	8.02	14.3	3.522	102.0	2.0	0.5
935	12/14/2015 02:46:12	12.08	46.07	29.82	9.11	8.02	14.7	3.513	102.1	2.1	0.5
936	12/14/2015 03:01:12	11.97	45.47	29.38	9.11	8.02	17.7	3.424	101.6	1.7	0.4
937	12/14/2015 03:16:12	11.13	41.22	26.33	8.85	7.93	18.8	3.369	95.1	2.9	0.7
938	12/14/2015 03:31:12	11.75	44.20	28.47	8.99	7.99	18.2	3.315	99.2	2.1	0.5
939	12/14/2015 03:46:12	11.61	43.58	28.02	8.97	7.98	20.8	3.246	98.4	2.5	0.6
940	12/14/2015 04:01:12	11.60	43.59	28.03	8.98	7.98	23.4	3.139	98.5	2.8	0.7
941	12/14/2015 04:16:12	11.49	42.96	27.57	8.94	7.97	20.6	3.097	97.6	2.7	0.6
942	12/14/2015 04:31:13	11.18	41.58	26.58	8.92	7.95	17.7	3.023	96.1	2.8	0.7
943	12/14/2015 04:46:12	10.84	40.19	25.60	8.83	7.91	15.1	2.962	93.9	3.1	0.7
944	12/14/2015 05:01:12	10.80	40.21	25.61	8.79	7.90	14.5	2.872	93.3	3.0	0.7
945	12/14/2015 05:16:12	10.64	39.56	25.15	8.75	7.89	15.1	2.809	92.3	2.8	0.6
946	12/14/2015 05:31:13	10.71	39.72	25.26	8.79	7.90	15.8	2.770	92.9	2.9	0.7
947	12/14/2015 05:46:13	10.85	40.18	25.59	8.77	7.91	14.1	2.703	93.2	2.8	0.7
948	12/14/2015 06:01:12	10.89	40.49	25.81	8.75	7.91	13.3	2.638	93.3	2.9	0.7
949	12/14/2015 06:16:12	11.05	40.78	26.02	8.71	7.91	13.8	2.608	93.3	2.6	0.6
950	12/14/2015 06:31:12	10.95	40.73	25.98	8.72	7.91	13.1	2.574	93.1	2.7	0.6
951	12/14/2015 06:46:12	10.71	39.79	25.30	8.76	7.89	13.3	2.504	92.6	3.1	0.7
952	12/14/2015 07:01:12	10.72	39.94	25.41	8.72	7.89	12.1	2.480	92.3	2.9	0.7
953	12/14/2015 07:16:12	10.63	39.57	25.15	8.67	7.89	10.8	2.485	91.5	2.6	0.6
954	12/14/2015 07:31:12	10.65	39.31	24.97	8.73	7.89	13.7	2.468	92.0	3.0	0.7
955	12/14/2015 07:46:12	10.65	39.66	25.22	8.77	7.89	12.5	2.518	92.6	3.4	0.8
956	12/14/2015 08:01:12	10.70	39.54	25.13	8.76	7.89	12.8	2.508	92.6	2.5	0.6
957	12/14/2015 08:16:12	10.89	40.09	25.52	8.72	7.90	13.6	2.576	92.8	2.7	0.6
958	12/14/2015 08:31:12	10.84	39.99	25.46	8.77	7.90	17.5	2.623	93.1	3.0	0.7
959	12/14/2015 08:46:12	10.98	40.56	25.86	8.76	7.91	26.6	2.664	93.5	2.7	0.6
960	12/14/2015 09:01:12	11.11	41.19	26.31	8.74	7.92	19.1	2.740	93.9	2.9	0.7
961	12/14/2015 09:16:12	11.03	40.66	25.93	8.83	7.92	17.0	2.814	94.4	2.4	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
962	12/14/2015 09:31:12	10.96	40.11	25.54	8.83	7.91	14.0	2.897	94.1	3.1	0.7
963	12/14/2015 09:46:12	10.99	40.58	25.88	8.86	7.92	16.0	2.999	94.7	2.5	0.6
964	12/14/2015 10:01:12	11.02	40.99	26.16	8.87	7.93	15.1	3.070	95.0	2.6	0.6
965	12/14/2015 10:16:12	11.02	40.88	26.08	8.90	7.93	14.7	3.179	95.2	2.4	0.6
966	12/14/2015 10:31:13	11.28	41.98	26.87	8.90	7.95	16.1	3.256	96.3	3.1	0.7
967	12/14/2015 10:46:12	11.49	42.55	27.29	8.95	7.97	17.5	3.348	97.5	2.7	0.6
968	12/14/2015 11:01:12	11.66	43.69	28.10	8.97	7.99	20.0	3.438	98.6	2.7	0.6
969	12/14/2015 11:16:12	11.81	44.64	28.78	8.94	8.00	21.6	3.517	99.0	2.5	0.6
970	12/14/2015 11:31:12	11.92	45.35	29.29	8.96	8.01	19.7	3.611	99.8	2.0	0.5
971	12/14/2015 11:46:13	11.93	45.49	29.40	8.96	8.01	17.9	3.637	99.9	2.0	0.5
972	12/14/2015 12:01:12	11.91	45.42	29.35	8.97	8.01	15.9	3.729	99.9	1.8	0.4
973	12/14/2015 12:16:12	11.91	45.47	29.38	8.95	8.01	14.5	3.773	99.7	1.9	0.4
974	12/14/2015 12:31:12	11.93	45.60	29.48	8.96	8.02	15.2	3.852	99.9	1.6	0.4
975	12/14/2015 12:46:13	11.95	45.71	29.56	8.95	8.02	12.1	3.860	99.9	2.0	0.5
976	12/14/2015 13:01:13	11.95	45.78	29.61	8.90	8.02	7.3	3.879	99.4	1.8	0.4
977	12/14/2015 13:16:13	11.95	45.75	29.59	8.95	8.02	10.8	3.873	99.9	2.0	0.5
978	12/14/2015 13:31:13	11.94	45.77	29.60	8.91	8.01	12.0	3.873	99.5	1.3	0.3
979	12/14/2015 13:46:12	11.94	45.68	29.54	8.94	8.01	14.4	3.800	99.7	1.1	0.3
980	12/14/2015 14:01:12	11.54	42.97	27.58	8.96	7.98	11.3	3.761	97.9	2.0	0.5
981	12/14/2015 14:16:12	11.52	42.75	27.43	8.99	7.98	14.5	3.695	98.1	2.2	0.5
982	12/14/2015 14:31:12	11.78	44.44	28.64	8.91	7.99	15.9	3.606	98.5	1.7	0.4
983	12/14/2015 14:46:12	11.71	43.84	28.21	8.94	7.99	16.9	3.502	98.5	1.9	0.5
984	12/14/2015 15:01:12	11.66	43.70	28.11	8.97	7.99	15.3	3.404	98.6	2.2	0.5
985	12/14/2015 15:16:12	11.53	43.08	27.66	8.94	7.97	15.3	3.315	97.7	1.9	0.4
986	12/14/2015 15:31:12	11.45	42.35	27.14	8.92	7.97	19.2	3.206	97.1	2.5	0.6
987	12/14/2015 15:46:12	11.43	42.32	27.12	8.95	7.96	25.0	3.083	97.2	2.8	0.7
988	12/14/2015 16:01:13	11.24	41.43	26.48	8.89	7.94	37.2	2.972	95.9	3.1	0.7
989	12/14/2015 16:16:12	11.35	42.33	27.12	8.84	7.95	21.3	2.881	95.9	2.2	0.5
990	12/14/2015 16:31:12	11.22	41.14	26.28	8.93	7.94	12.8	2.746	96.1	2.8	0.7
991	12/14/2015 16:46:12	11.15	41.19	26.31	8.88	7.93	13.6	2.594	95.5	2.5	0.6
992	12/14/2015 17:01:12	11.03	40.86	26.07	8.84	7.92	17.2	2.489	94.6	2.8	0.6
993	12/14/2015 17:16:12	10.91	40.42	25.76	8.81	7.91	15.8	2.367	93.9	2.8	0.6
994	12/14/2015 17:31:12	10.86	40.69	25.94	8.79	7.91	16.9	2.217	93.6	3.0	0.7
995	12/14/2015 17:46:13	10.70	40.10	25.52	8.77	7.89	19.1	2.075	92.8	2.5	0.6
996	12/14/2015 18:01:13	10.64	40.19	25.59	8.74	7.89	20.5	1.956	92.5	2.8	0.7
997	12/14/2015 18:16:12	10.55	40.18	25.58	8.71	7.88	20.3	1.817	92.0	2.9	0.7
998	12/14/2015 18:31:12	10.46	40.01	25.45	8.70	7.87	20.8	1.685	91.6	2.8	0.7

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
999	12/14/2015 18:46:12	10.40	39.86	25.34	8.70	7.86	20.6	1.553	91.4	3.1	0.7
1000	12/14/2015 19:01:13	10.35	39.75	25.26	8.70	7.86	20.5	1.473	91.2	3.0	0.7
1001	12/14/2015 19:16:13	10.30	39.80	25.29	8.68	7.86	17.6	1.359	91.0	2.8	0.7
1002	12/14/2015 19:31:12	10.25	39.69	25.21	8.66	7.85	17.1	1.284	90.7	2.8	0.6
1003	12/14/2015 19:46:12	10.23	39.74	25.25	8.65	7.85	14.7	1.259	90.5	3.0	0.7
1004	12/14/2015 20:01:12	10.20	39.64	25.18	8.62	7.85	13.7	1.242	90.0	2.6	0.6
1005	12/14/2015 20:16:12	10.26	39.75	25.26	8.65	7.86	14.5	1.264	90.5	2.8	0.7
1006	12/14/2015 20:31:12	10.29	39.72	25.24	8.66	7.86	13.1	1.347	90.8	2.8	0.7
1007	12/14/2015 20:46:12	10.25	39.39	25.01	8.70	7.86	12.2	1.425	90.9	3.0	0.7
1008	12/14/2015 21:01:13	10.28	39.43	25.03	8.66	7.85	13.9	1.485	90.6	2.6	0.6
1009	12/14/2015 21:16:12	10.33	39.02	24.75	8.67	7.86	13.9	1.576	90.6	2.3	0.5
1010	12/14/2015 21:31:12	10.40	38.80	24.60	8.68	7.85	15.2	1.673	90.8	2.6	0.6
1011	12/14/2015 21:46:12	10.44	38.77	24.58	8.67	7.85	13.7	1.745	90.7	2.9	0.7
1012	12/14/2015 22:01:12	10.48	38.87	24.65	8.67	7.85	13.0	1.843	90.9	3.0	0.7
1013	12/14/2015 22:16:12	10.52	39.10	24.82	8.67	7.86	13.1	1.944	91.0	2.5	0.6
1014	12/14/2015 22:31:12	10.62	38.77	24.59	8.73	7.87	13.5	2.038	91.8	2.6	0.6
1015	12/14/2015 22:46:12	10.79	39.94	25.41	8.72	7.89	14.4	2.138	92.4	2.6	0.6
1016	12/14/2015 23:01:12	10.85	40.11	25.54	8.75	7.90	14.3	2.240	92.9	3.1	0.7
1017	12/14/2015 23:16:12	10.86	40.32	25.68	8.73	7.90	15.3	2.337	92.8	2.7	0.6
1018	12/14/2015 23:31:12	10.84	40.32	25.68	8.73	7.90	16.4	2.451	92.8	2.8	0.7
1019	12/14/2015 23:46:12	10.91	40.46	25.78	8.75	7.90	19.3	2.540	93.2	3.0	0.7
1020	12/15/2015 00:01:12	10.92	40.60	25.89	8.76	7.91	19.2	2.644	93.4	3.2	0.7
1021	12/15/2015 00:16:12	10.94	40.66	25.93	8.77	7.91	20.1	2.739	93.6	3.3	0.8
1022	12/15/2015 00:31:13	10.98	40.80	26.03	8.78	7.92	24.2	2.828	93.8	3.2	0.8
1023	12/15/2015 00:46:13	11.02	40.95	26.14	8.81	7.93	32.4	2.927	94.3	3.2	0.8
1024	12/15/2015 01:01:13	11.07	41.29	26.38	8.83	7.94	32.7	3.002	94.8	2.9	0.7
1025	12/15/2015 01:16:12	11.24	42.28	27.08	8.91	7.96	31.9	3.087	96.4	2.7	0.6
1026	12/15/2015 01:31:12	11.32	42.80	27.46	8.95	7.97	33.7	3.163	97.2	3.0	0.7
1027	12/15/2015 01:46:12	11.39	43.50	27.96	8.97	7.98	27.6	3.245	97.9	2.4	0.6
1028	12/15/2015 02:01:12	11.44	43.89	28.24	8.96	7.99	23.4	3.319	98.1	2.8	0.7
1029	12/15/2015 02:16:12	11.49	44.01	28.32	8.96	7.99	21.4	3.374	98.3	2.5	0.6
1030	12/15/2015 02:31:12	11.53	44.39	28.60	8.96	8.00	17.5	3.413	98.5	2.1	0.5
1031	12/15/2015 02:46:12	11.58	44.61	28.75	8.95	8.00	15.1	3.447	98.6	2.2	0.5
1032	12/15/2015 03:01:12	11.62	44.75	28.85	8.90	8.00	10.9	3.474	98.3	1.7	0.4
1033	12/15/2015 03:16:12	11.64	44.83	28.91	8.88	8.00	11.9	3.455	98.0	2.1	0.5
1034	12/15/2015 03:31:12	11.63	44.72	28.83	8.92	8.00	14.8	3.418	98.4	1.7	0.4
1035	12/15/2015 03:46:12	11.56	44.48	28.66	8.94	7.99	13.6	3.398	98.4	1.8	0.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1036	12/15/2015 04:01:12	11.03	43.27	27.77	8.94	7.96	13.6	3.337	96.7	2.6	0.6
1037	12/15/2015 04:16:13	10.62	41.30	26.36	8.87	7.93	13.0	3.271	94.2	2.6	0.6
1038	12/15/2015 04:31:13	11.01	42.50	27.23	8.85	7.95	19.0	3.196	95.4	2.6	0.6
1039	12/15/2015 04:46:12	10.84	41.88	26.78	8.89	7.94	20.7	3.129	95.2	2.7	0.6
1040	12/15/2015 05:01:12	10.76	41.57	26.56	8.86	7.93	15.0	3.048	94.6	2.6	0.6
1041	12/15/2015 05:16:12	10.69	41.24	26.33	8.83	7.93	12.9	2.967	94.0	2.5	0.6
1042	12/15/2015 05:31:12	10.55	40.93	26.10	8.76	7.91	11.2	2.893	92.8	2.1	0.5
1043	12/15/2015 05:46:12	10.47	40.75	25.97	8.76	7.91	10.6	2.822	92.6	2.7	0.6
1044	12/15/2015 06:01:12	10.41	40.64	25.89	8.75	7.90	9.8	2.766	92.3	2.2	0.5
1045	12/15/2015 06:16:12	10.34	40.59	25.85	8.77	7.90	9.7	2.687	92.3	2.6	0.6
1046	12/15/2015 06:31:12	10.28	40.07	25.49	8.77	7.89	9.3	2.611	92.0	2.9	0.7
1047	12/15/2015 06:46:12	10.24	39.92	25.38	8.74	7.89	10.1	2.568	91.5	2.8	0.7
1048	12/15/2015 07:01:12	10.16	39.82	25.31	8.74	7.88	10.0	2.494	91.3	2.4	0.6
1049	12/15/2015 07:16:12	10.08	39.85	25.33	8.72	7.88	9.5	2.446	90.9	2.5	0.6
1050	12/15/2015 07:31:12	10.00	39.61	25.15	8.69	7.87	8.9	2.423	90.4	2.9	0.7
1051	12/15/2015 07:46:12	9.97	39.43	25.02	8.68	7.87	8.6	2.372	90.2	2.5	0.6
1052	12/15/2015 08:01:12	9.86	39.53	25.09	8.69	7.86	8.3	2.365	90.1	2.6	0.6
1053	12/15/2015 08:16:12	10.38	40.09	25.51	8.69	7.89	8.3	2.367	91.4	2.6	0.6
1054	12/15/2015 08:31:12	9.67	39.09	24.77	8.72	7.85	8.0	2.364	89.8	2.6	0.6
1055	12/15/2015 08:46:13	9.88	39.62	25.15	8.69	7.86	9.2	2.387	90.2	2.5	0.6
1056	12/15/2015 09:01:12	10.33	40.15	25.54	8.70	7.89	10.3	2.433	91.4	2.4	0.6
1057	12/15/2015 09:16:12	9.84	39.34	24.96	8.76	7.87	9.5	2.491	90.7	2.6	0.6
1058	12/15/2015 09:31:12	9.99	39.27	24.91	8.73	7.86	11.0	2.537	90.7	2.2	0.5
1059	12/15/2015 09:46:12	10.47	40.27	25.63	8.72	7.89	14.1	2.600	92.0	2.6	0.6
1060	12/15/2015 10:01:12	10.60	40.89	26.08	8.73	7.91	11.8	2.680	92.6	2.3	0.5
1061	12/15/2015 10:16:12	10.49	40.54	25.82	8.76	7.90	10.8	2.760	92.5	2.3	0.5
1062	12/15/2015 10:31:12	10.55	40.71	25.94	8.78	7.91	11.3	2.836	93.0	2.9	0.7
1063	12/15/2015 10:46:12	10.59	40.83	26.03	8.80	7.91	11.0	2.903	93.2	2.3	0.5
1064	12/15/2015 11:01:12	10.63	41.13	26.24	8.84	7.92	12.5	2.991	94.0	2.5	0.6
1065	12/15/2015 11:16:12	10.66	41.10	26.22	8.85	7.92	11.1	3.063	94.1	2.9	0.7
1066	12/15/2015 11:31:12	10.87	41.93	26.82	8.86	7.94	11.7	3.129	95.0	2.2	0.5
1067	12/15/2015 11:46:12	10.92	41.79	26.72	8.86	7.94	9.2	3.203	95.0	2.8	0.7
1068	12/15/2015 12:01:12	11.20	42.96	27.56	8.82	7.96	10.7	3.290	95.6	1.6	0.4
1069	12/15/2015 12:16:12	11.34	43.60	28.02	8.78	7.98	13.3	3.363	95.9	1.8	0.4
1070	12/15/2015 12:31:12	11.52	44.31	28.54	8.76	7.99	14.5	3.420	96.2	2.3	0.5
1071	12/15/2015 12:46:12	11.67	44.99	29.03	8.73	8.00	12.8	3.490	96.6	2.1	0.5
1072	12/15/2015 13:01:12	11.69	45.22	29.19	8.73	8.00	13.6	3.553	96.6	2.0	0.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1073	12/15/2015 13:16:12	11.67	45.33	29.27	8.72	8.01	14.2	3.598	96.6	1.5	0.4
1074	12/15/2015 13:31:12	11.67	45.42	29.34	8.72	8.01	12.6	3.630	96.6	1.5	0.3
1075	12/15/2015 13:46:12	11.68	45.43	29.35	8.70	8.01	11.1	3.658	96.4	1.3	0.3
1076	12/15/2015 14:01:12	11.67	45.28	29.24	8.66	8.00	9.8	3.662	95.8	1.5	0.4
1077	12/15/2015 14:16:13	11.67	45.25	29.22	8.59	8.00	10.3	3.648	95.1	1.4	0.3
1078	12/15/2015 14:31:12	11.67	45.04	29.06	8.67	8.00	10.8	3.631	95.9	1.3	0.3
1079	12/15/2015 14:46:12	11.52	44.24	28.49	8.78	7.99	11.8	3.569	96.5	1.6	0.4
1080	12/15/2015 15:01:13	11.37	43.32	27.82	8.87	7.98	13.2	3.502	96.7	2.3	0.5
1081	12/15/2015 15:16:13	11.30	42.98	27.58	9.00	7.98	15.0	3.433	97.8	2.8	0.7
1082	12/15/2015 15:31:12	11.25	43.08	27.65	8.95	7.98	10.8	3.348	97.2	2.6	0.6
1083	12/15/2015 15:46:13	11.33	43.57	28.00	8.82	7.99	14.7	3.260	96.2	2.2	0.5
1084	12/15/2015 16:01:12	11.19	43.02	27.60	8.85	7.97	14.0	3.154	96.0	2.6	0.6
1085	12/15/2015 16:16:12	10.95	41.90	26.80	8.95	7.96	12.6	3.052	96.1	2.2	0.5
1086	12/15/2015 16:31:12	10.94	41.94	26.83	8.94	7.96	14.8	2.955	96.0	2.8	0.7
1087	12/15/2015 16:46:12	10.86	41.77	26.71	8.93	7.95	13.3	2.837	95.6	2.8	0.7
1088	12/15/2015 17:01:12	10.79	41.37	26.42	8.93	7.95	15.3	2.729	95.3	2.2	0.5
1089	12/15/2015 17:16:12	10.65	40.69	25.94	8.92	7.93	16.9	2.616	94.6	3.5	0.8
1090	12/15/2015 17:31:13	10.61	40.94	26.11	8.90	7.93	15.6	2.486	94.4	2.5	0.6
1091	12/15/2015 17:46:13	10.44	40.38	25.71	8.89	7.92	18.3	2.356	93.7	2.6	0.6
1092	12/15/2015 18:01:13	10.34	40.26	25.62	8.88	7.91	16.2	2.242	93.4	2.9	0.7
1093	12/15/2015 18:16:12	10.20	40.27	25.62	8.84	7.91	16.6	2.108	92.7	3.4	0.8
1094	12/15/2015 18:31:12	10.10	39.87	25.34	8.84	7.90	17.2	1.973	92.3	2.8	0.7
1095	12/15/2015 18:46:12	9.99	39.76	25.25	8.83	7.90	16.2	1.859	91.9	3.0	0.7
1096	12/15/2015 19:01:12	9.86	39.47	25.05	8.84	7.89	15.6	1.716	91.6	3.0	0.7
1097	12/15/2015 19:16:12	9.77	39.22	24.87	8.83	7.89	16.1	1.595	91.2	2.6	0.6
1098	12/15/2015 19:31:12	9.67	38.90	24.64	8.84	7.88	15.9	1.505	91.0	2.7	0.6
1099	12/15/2015 19:46:12	9.61	38.65	24.46	8.85	7.88	14.7	1.415	90.8	2.8	0.7
1100	12/15/2015 20:01:12	9.58	38.56	24.40	8.81	7.88	13.1	1.355	90.4	2.8	0.6
1101	12/15/2015 20:16:12	9.52	38.75	24.53	8.79	7.88	12.8	1.279	90.1	2.9	0.7
1102	12/15/2015 20:31:12	9.49	38.47	24.33	8.78	7.88	11.7	1.286	89.9	2.7	0.6
1103	12/15/2015 20:46:12	9.53	38.63	24.44	8.82	7.88	13.1	1.285	90.4	2.5	0.6
1104	12/15/2015 21:01:12	9.60	38.71	24.50	8.82	7.88	11.5	1.309	90.6	3.0	0.7
1105	12/15/2015 21:16:12	9.67	38.80	24.57	8.79	7.89	11.6	1.350	90.5	2.8	0.7
1106	12/15/2015 21:31:12	9.64	38.32	24.23	8.85	7.89	10.1	1.473	90.8	2.4	0.6
1107	12/15/2015 21:46:12	9.70	38.39	24.29	8.82	7.89	10.7	1.527	90.7	2.6	0.6
1108	12/15/2015 22:01:12	9.75	38.22	24.17	8.82	7.89	11.1	1.586	90.7	3.2	0.7
1109	12/15/2015 22:16:12	9.80	38.27	24.21	8.82	7.89	11.0	1.686	90.8	2.6	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1110	12/15/2015 22:31:12	9.86	38.30	24.23	8.80	7.89	10.9	1.746	90.7	3.1	0.7
1111	12/15/2015 22:46:12	9.89	38.40	24.30	8.78	7.89	9.9	1.833	90.7	2.2	0.5
1112	12/15/2015 23:01:12	9.98	38.47	24.35	8.79	7.90	10.9	1.951	91.0	2.6	0.6
1113	12/15/2015 23:16:12	10.13	38.75	24.55	8.80	7.91	10.4	2.023	91.4	2.6	0.6
1114	12/15/2015 23:31:13	10.25	39.35	24.98	8.77	7.92	11.0	2.119	91.6	2.8	0.7
1115	12/15/2015 23:46:13	10.45	40.19	25.58	8.76	7.95	12.1	2.192	92.3	2.8	0.7
1116	12/16/2015 00:01:12	10.53	40.37	25.70	8.76	7.95	12.1	2.320	92.5	2.5	0.6
1117	12/16/2015 00:16:12	10.53	40.50	25.80	8.76	7.95	13.6	2.378	92.6	3.0	0.7
1118	12/16/2015 00:31:13	10.58	40.75	25.98	8.77	7.96	17.5	2.506	92.9	2.7	0.6
1119	12/16/2015 00:46:13	10.60	40.81	26.02	8.77	7.96	19.1	2.594	92.9	2.3	0.6
1120	12/16/2015 01:01:13	10.64	40.85	26.05	8.78	7.97	19.1	2.723	93.2	2.5	0.6
1121	12/16/2015 01:16:12	10.71	41.10	26.23	8.79	7.98	21.4	2.781	93.5	3.0	0.7
1122	12/16/2015 01:31:12	10.77	41.43	26.46	8.81	7.99	22.9	2.888	94.0	3.0	0.7
1123	12/16/2015 01:46:13	10.78	41.65	26.62	8.82	7.99	20.9	2.968	94.2	2.7	0.6
1124	12/16/2015 02:01:12	10.92	42.41	27.16	8.81	8.01	25.6	3.056	94.7	2.5	0.6
1125	12/16/2015 02:16:12	11.04	43.43	27.89	8.82	8.03	28.8	3.158	95.5	2.7	0.6
1126	12/16/2015 02:31:12	11.13	44.06	28.34	8.83	8.04	26.8	3.241	96.1	2.7	0.6
1127	12/16/2015 02:46:12	11.20	44.58	28.72	8.81	8.05	26.4	3.312	96.2	2.4	0.6
1128	12/16/2015 03:01:12	11.26	44.92	28.96	8.78	8.06	21.2	3.348	96.2	2.2	0.5
1129	12/16/2015 03:16:12	11.31	45.16	29.14	8.74	8.06	19.6	3.398	96.0	2.4	0.6
1130	12/16/2015 03:31:12	11.37	45.47	29.36	8.72	8.06	15.5	3.462	96.0	2.0	0.5
1131	12/16/2015 03:46:12	11.41	45.60	29.45	8.69	8.06	13.4	3.483	95.8	1.9	0.4
1132	12/16/2015 04:01:13	11.42	45.47	29.36	8.65	8.06	10.6	3.471	95.3	1.6	0.4
1133	12/16/2015 04:16:13	11.42	45.65	29.49	8.64	8.06	13.0	3.466	95.3	1.8	0.4
1134	12/16/2015 04:31:13	11.41	45.57	29.43	8.66	8.06	14.7	3.408	95.5	1.6	0.4
1135	12/16/2015 04:46:13	11.11	44.35	28.55	8.72	8.04	13.6	3.381	94.9	1.9	0.4
1136	12/16/2015 05:01:12	10.91	43.96	28.26	8.74	8.03	13.0	3.314	94.6	2.2	0.5
1137	12/16/2015 05:16:13	10.61	42.66	27.33	8.74	8.01	15.3	3.238	93.5	2.5	0.6
1138	12/16/2015 05:31:12	10.95	43.76	28.12	8.74	8.03	19.8	3.185	94.7	2.1	0.5
1139	12/16/2015 05:46:12	10.78	43.18	27.70	8.78	8.02	17.4	3.124	94.4	2.1	0.5
1140	12/16/2015 06:01:13	10.29	41.59	26.55	8.79	7.99	11.2	3.027	92.9	2.2	0.5
1141	12/16/2015 06:16:12	10.37	41.67	26.61	8.75	7.99	10.3	2.917	92.6	2.0	0.5
1142	12/16/2015 06:31:12	10.37	41.86	26.75	8.75	7.99	8.9	2.883	92.8	1.9	0.4
1143	12/16/2015 06:46:12	10.19	41.28	26.33	8.76	7.98	8.7	2.802	92.2	2.4	0.6
1144	12/16/2015 07:01:12	10.14	40.98	26.12	8.75	7.97	9.2	2.732	91.9	1.7	0.4
1145	12/16/2015 07:16:12	10.06	40.76	25.96	8.75	7.97	9.2	2.707	91.7	2.6	0.6
1146	12/16/2015 07:31:12	9.98	40.43	25.72	8.75	7.96	8.4	2.591	91.4	2.5	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1147	12/16/2015 07:46:12	9.91	40.36	25.67	8.75	7.95	7.9	2.537	91.2	2.1	0.5
1148	12/16/2015 08:01:12	9.80	40.20	25.55	8.75	7.94	7.9	2.502	90.8	2.5	0.6
1149	12/16/2015 08:16:12	9.66	40.07	25.46	8.75	7.94	7.8	2.437	90.6	2.1	0.5
1150	12/16/2015 08:31:12	9.64	39.78	25.25	8.75	7.93	7.4	2.412	90.4	2.0	0.5
1151	12/16/2015 08:46:12	9.63	39.87	25.31	8.74	7.93	7.9	2.417	90.3	2.3	0.5
1152	12/16/2015 09:01:12	9.76	39.71	25.21	8.74	7.92	6.7	2.437	90.4	2.2	0.5
1153	12/16/2015 09:16:12	9.73	39.90	25.34	8.70	7.93	7.2	2.354	90.1	2.2	0.5
1154	12/16/2015 09:31:13	9.71	40.02	25.42	8.71	7.93	7.6	2.392	90.2	2.5	0.6
1155	12/16/2015 09:46:12	9.83	40.04	25.44	8.73	7.93	8.1	2.424	90.7	2.2	0.5
1156	12/16/2015 10:01:12	10.17	40.69	25.92	8.68	7.95	8.6	2.435	91.1	1.8	0.4
1157	12/16/2015 10:16:12	10.12	40.81	26.00	8.70	7.95	10.8	2.499	91.2	2.0	0.5
1158	12/16/2015 10:31:12	9.91	40.14	25.52	8.77	7.93	10.6	2.545	91.3	2.1	0.5
1159	12/16/2015 10:46:12	9.94	40.29	25.62	8.74	7.93	9.5	2.602	91.1	2.3	0.5
1160	12/16/2015 11:01:12	10.18	40.95	26.09	8.73	7.95	10.9	2.706	91.8	2.1	0.5
1161	12/16/2015 11:16:12	10.36	41.52	26.51	8.73	7.97	9.8	2.728	92.4	2.2	0.5
1162	12/16/2015 11:31:13	10.33	41.51	26.50	8.75	7.97	9.4	2.830	92.4	1.9	0.4
1163	12/16/2015 11:46:12	10.32	41.41	26.43	8.78	7.98	9.3	2.895	92.7	2.0	0.5
1164	12/16/2015 12:01:12	10.46	41.81	26.72	8.77	7.98	9.0	2.950	93.1	2.4	0.6
1165	12/16/2015 12:16:12	10.60	42.00	26.86	8.78	7.99	10.6	3.016	93.6	2.3	0.5
1166	12/16/2015 12:31:12	10.64	42.50	27.21	8.75	7.99	11.1	3.074	93.5	2.0	0.5
1167	12/16/2015 12:46:12	10.80	42.96	27.55	8.71	8.01	10.5	3.139	93.6	1.8	0.4
1168	12/16/2015 13:01:12	11.03	44.03	28.31	8.60	8.03	10.8	3.208	93.4	2.0	0.5
1169	12/16/2015 13:16:12	11.10	44.45	28.62	8.58	8.03	10.7	3.268	93.5	1.8	0.4
1170	12/16/2015 13:31:12	11.17	44.79	28.86	8.55	8.04	10.5	3.335	93.5	1.8	0.4
1171	12/16/2015 13:46:12	11.26	45.08	29.08	8.50	8.05	10.0	3.390	93.2	1.5	0.4
1172	12/16/2015 14:01:12	11.32	45.13	29.12	8.51	8.05	10.1	3.420	93.4	1.2	0.3
1173	12/16/2015 14:16:12	11.37	45.69	29.52	8.44	8.05	9.4	3.468	93.1	1.5	0.4
1174	12/16/2015 14:31:13	11.39	45.60	29.45	8.47	8.05	8.9	3.504	93.4	1.4	0.3
1175	12/16/2015 14:46:12	11.37	45.31	29.25	8.48	8.05	8.3	3.516	93.3	1.3	0.3
1176	12/16/2015 15:01:12	11.39	45.67	29.50	8.33	8.05	7.5	3.512	91.8	1.3	0.3
1177	12/16/2015 15:16:12	11.40	45.76	29.57	8.38	8.05	9.8	3.508	92.4	1.1	0.3
1178	12/16/2015 15:31:12	11.32	45.36	29.28	8.45	8.05	9.5	3.477	92.9	1.6	0.4
1179	12/16/2015 15:46:12	11.18	44.69	28.79	8.50	8.04	9.7	3.415	92.9	1.9	0.4
1180	12/16/2015 16:01:12	10.87	43.15	27.68	8.66	8.03	9.7	3.383	93.3	2.3	0.5
1181	12/16/2015 16:16:12	10.74	42.55	27.25	8.75	8.01	7.8	3.300	93.7	1.8	0.4
1182	12/16/2015 16:31:12	10.90	43.37	27.84	8.66	8.03	10.5	3.241	93.4	2.4	0.6
1183	12/16/2015 16:46:12	10.75	42.60	27.28	8.75	8.02	8.9	3.128	93.8	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	Fluorescence %FS
1184	12/16/2015 17:01:12	10.70	42.46	27.19	8.75	8.01	8.1	3.038	93.6	2.1	0.5
1185	12/16/2015 17:16:12	10.67	42.35	27.11	8.75	8.01	7.5	2.942	93.6	1.9	0.4
1186	12/16/2015 17:31:12	10.62	42.23	27.02	8.74	8.01	7.6	2.832	93.3	2.3	0.5
1187	12/16/2015 17:46:12	10.54	41.81	26.72	8.76	8.00	8.3	2.765	93.2	2.2	0.5
1188	12/16/2015 18:01:12	10.48	41.61	26.57	8.76	8.00	8.1	2.648	93.0	1.9	0.5
1189	12/16/2015 18:16:13	10.37	41.33	26.38	8.77	7.99	10.3	2.540	92.7	2.7	0.6
1190	12/16/2015 18:31:12	10.28	40.90	26.06	8.78	7.98	10.2	2.427	92.5	1.8	0.4
1191	12/16/2015 18:46:12	10.25	40.80	26.00	8.77	7.97	9.2	2.310	92.2	2.7	0.6
1192	12/16/2015 19:01:12	10.22	40.79	25.99	8.74	7.97	9.2	2.203	91.9	2.1	0.5
1193	12/16/2015 19:16:12	10.11	40.49	25.77	8.76	7.96	9.7	2.059	91.7	2.4	0.6
1194	12/16/2015 19:31:12	9.95	40.04	25.45	8.81	7.96	10.1	1.954	91.7	2.5	0.6
1195	12/16/2015 19:46:12	9.79	39.64	25.16	8.85	7.95	10.3	1.844	91.6	2.3	0.5
1196	12/16/2015 20:01:12	9.73	39.32	24.94	8.87	7.94	10.3	1.736	91.6	2.5	0.6
1197	12/16/2015 20:16:12	9.69	39.27	24.90	8.86	7.94	10.8	1.633	91.4	2.7	0.6
1198	12/16/2015 20:31:12	9.67	39.15	24.81	8.87	7.93	11.0	1.557	91.4	2.5	0.6
1199	12/16/2015 20:46:12	9.65	38.96	24.68	8.84	7.93	10.2	1.518	91.0	2.6	0.6
1200	12/16/2015 21:01:12	9.63	38.89	24.63	8.83	7.93	9.5	1.476	90.8	3.0	0.7
1201	12/16/2015 21:16:13	9.61	39.02	24.72	8.82	7.93	9.8	1.406	90.7	2.3	0.5
1202	12/16/2015 21:31:13	9.79	39.31	24.93	8.77	7.94	8.3	1.422	90.7	2.6	0.6
1203	12/16/2015 21:46:12	9.72	39.19	24.85	8.83	7.94	9.6	1.465	91.1	2.4	0.6
1204	12/16/2015 22:01:12	9.76	39.40	24.99	8.80	7.94	9.1	1.506	91.0	2.4	0.6
1205	12/16/2015 22:16:12	9.79	39.38	24.98	8.81	7.94	8.7	1.519	91.1	2.6	0.6
1206	12/16/2015 22:31:12	9.69	38.56	24.40	8.86	7.93	8.0	1.631	91.2	2.5	0.6
1207	12/16/2015 22:46:12	9.77	39.00	24.71	8.82	7.93	8.7	1.723	91.0	2.4	0.6
1208	12/16/2015 23:01:12	9.76	38.21	24.16	8.84	7.92	9.9	1.758	90.9	2.6	0.6
1209	12/16/2015 23:16:12	9.88	39.09	24.78	8.77	7.94	9.5	1.826	90.8	2.5	0.6
1210	12/16/2015 23:31:12	9.93	39.38	24.99	8.75	7.94	9.7	1.945	90.8	2.7	0.6
1211	12/16/2015 23:46:12	10.07	39.84	25.31	8.74	7.96	10.3	2.033	91.1	2.9	0.7
1212	12/17/2015 00:01:12	10.10	39.78	25.27	8.74	7.96	10.0	2.127	91.2	2.5	0.6
1213	12/17/2015 00:16:12	10.24	40.52	25.80	8.70	7.97	10.9	2.203	91.3	2.6	0.6
1214	12/17/2015 00:31:12	10.37	41.16	26.25	8.68	7.99	11.3	2.323	91.7	2.3	0.5
1215	12/17/2015 00:46:12	10.40	41.26	26.33	8.68	7.99	11.1	2.407	91.8	2.4	0.6
1216	12/17/2015 01:01:12	10.41	41.33	26.38	8.67	7.99	12.3	2.501	91.7	2.5	0.6
1217	12/17/2015 01:16:12	10.50	41.76	26.68	8.66	8.00	12.2	2.604	91.9	2.2	0.5
1218	12/17/2015 01:31:12	10.53	41.82	26.73	8.67	8.00	14.3	2.688	92.2	2.3	0.5
1219	12/17/2015 01:46:12	10.61	42.15	26.97	8.65	8.01	16.6	2.780	92.3	2.1	0.5
1220	12/17/2015 02:01:12	10.65	42.37	27.12	8.66	8.01	16.5	2.884	92.5	2.4	0.6

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1221	12/17/2015 02:16:13	10.72	42.75	27.40	8.66	8.02	19.5	2.958	92.8	2.4	0.6
1222	12/17/2015 02:31:12	10.82	43.01	27.59	8.66	8.03	20.6	3.069	93.2	2.1	0.5
1223	12/17/2015 02:46:12	10.98	44.06	28.34	8.69	8.04	28.5	3.158	94.2	2.4	0.6
1224	12/17/2015 03:01:12	11.15	44.88	28.93	8.78	8.05	26.7	3.218	96.0	2.5	0.6
1225	12/17/2015 03:16:12	11.22	45.46	29.34	8.80	8.06	26.1	3.304	96.5	2.0	0.5
1226	12/17/2015 03:31:12	11.31	45.85	29.63	8.82	8.07	24.9	3.388	97.1	2.0	0.5
1227	12/17/2015 03:46:12	11.39	46.26	29.93	8.80	8.07	24.5	3.448	97.3	2.0	0.5
1228	12/17/2015 04:01:12	11.47	46.68	30.23	8.77	8.07	20.3	3.508	97.3	1.6	0.4
1229	12/17/2015 04:16:12	11.55	46.98	30.45	8.78	8.08	17.8	3.562	97.7	1.8	0.4
1230	12/17/2015 04:31:12	11.60	47.23	30.63	8.77	8.08	13.5	3.562	97.8	1.8	0.4
1231	12/17/2015 04:46:12	11.63	47.33	30.70	8.72	8.08	10.9	3.597	97.4	1.4	0.3
1232	12/17/2015 05:01:12	11.57	47.09	30.53	8.75	8.08	12.8	3.585	97.5	1.7	0.4
1233	12/17/2015 05:16:12	11.55	46.82	30.34	8.75	8.08	12.8	3.554	97.3	1.4	0.3
1234	12/17/2015 05:31:12	11.54	46.81	30.33	8.74	8.08	14.0	3.499	97.2	1.2	0.3
1235	12/17/2015 05:46:12	11.06	44.68	28.78	8.75	8.05	13.3	3.429	95.4	2.0	0.5
1236	12/17/2015 06:01:12	10.93	44.13	28.38	8.73	8.04	12.4	3.374	94.6	2.3	0.5
1237	12/17/2015 06:16:12	10.95	44.40	28.58	8.76	8.04	13.9	3.298	95.1	1.6	0.4
1238	12/17/2015 06:31:13	10.86	43.75	28.11	8.79	8.04	14.5	3.200	95.0	1.9	0.4
1239	12/17/2015 06:46:12	10.95	44.28	28.49	8.78	8.05	16.7	3.121	95.2	2.4	0.6
1240	12/17/2015 07:01:13	10.65	42.84	27.45	8.77	8.02	10.9	3.052	93.9	2.0	0.5
1241	12/17/2015 07:16:13	10.63	42.55	27.25	8.73	8.02	10.7	2.987	93.3	1.8	0.4
1242	12/17/2015 07:31:12	10.66	42.71	27.36	8.74	8.02	8.4	2.892	93.6	2.2	0.5
1243	12/17/2015 07:46:12	10.70	43.00	27.57	8.76	8.02	8.5	2.823	93.9	1.8	0.4
1244	12/17/2015 08:01:12	10.61	42.39	27.14	8.76	8.02	9.7	2.743	93.6	2.1	0.5
1245	12/17/2015 08:16:12	10.69	42.91	27.51	8.78	8.02	9.3	2.692	94.1	2.0	0.5
1246	12/17/2015 08:31:12	10.56	42.33	27.09	8.78	8.01	7.8	2.620	93.6	1.8	0.4
1247	12/17/2015 08:46:12	10.56	42.33	27.09	8.77	8.01	8.4	2.542	93.6	2.2	0.5
1248	12/17/2015 09:01:12	10.42	41.49	26.49	8.79	8.00	8.1	2.502	93.1	2.4	0.6
1249	12/17/2015 09:16:12	10.37	41.23	26.30	8.77	7.99	7.5	2.463	92.7	2.3	0.5
1250	12/17/2015 09:31:12	10.38	41.17	26.26	8.77	7.99	7.4	2.417	92.7	2.5	0.6
1251	12/17/2015 09:46:12	10.31	40.78	25.98	8.79	7.98	6.8	2.364	92.6	2.4	0.6
1252	12/17/2015 10:01:12	10.27	40.60	25.85	8.81	7.97	6.6	2.362	92.6	2.0	0.5
1253	12/17/2015 10:16:13	10.48	41.58	26.55	8.68	7.99	7.5	2.356	92.1	2.1	0.5
1254	12/17/2015 10:31:12	10.42	41.37	26.40	8.74	7.99	7.6	2.344	92.5	2.0	0.5
1255	12/17/2015 10:46:12	10.47	41.71	26.64	8.72	7.99	7.6	2.363	92.6	2.3	0.5
1256	12/17/2015 11:01:12	10.44	41.43	26.45	8.74	7.99	7.8	2.399	92.6	2.0	0.5
1257	12/17/2015 11:16:12	10.57	42.20	26.99	8.68	8.00	10.3	2.433	92.5	1.6	0.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1258	12/17/2015 11:31:12	10.49	41.68	26.63	8.73	7.99	9.4	2.463	92.7	2.0	0.5
1259	12/17/2015 11:46:12	10.47	41.34	26.39	8.76	7.98	9.7	2.527	92.8	2.3	0.5
1260	12/17/2015 12:01:12	10.57	41.84	26.74	8.71	7.99	10.4	2.588	92.7	1.7	0.4
1261	12/17/2015 12:16:12	10.70	42.67	27.34	8.69	8.00	9.7	2.645	93.1	1.5	0.4
1262	12/17/2015 12:31:12	10.66	42.42	27.16	8.72	8.00	8.8	2.700	93.3	1.6	0.4
1263	12/17/2015 12:46:12	10.73	42.72	27.37	8.73	8.01	9.2	2.759	93.6	1.9	0.4
1264	12/17/2015 13:01:12	10.75	42.44	27.18	8.80	8.01	8.7	2.821	94.3	2.0	0.5
1265	12/17/2015 13:16:12	10.77	42.39	27.14	8.82	8.01	10.6	2.886	94.5	2.8	0.7
1266	12/17/2015 13:31:12	10.80	42.73	27.38	8.79	8.01	9.0	2.956	94.4	2.3	0.5
1267	12/17/2015 13:46:12	10.89	42.90	27.50	8.79	8.02	8.7	3.023	94.6	2.1	0.5
1268	12/17/2015 14:01:12	11.00	43.74	28.11	8.76	8.03	9.0	3.081	95.0	2.3	0.5
1269	12/17/2015 14:16:12	11.06	43.87	28.21	8.76	8.03	8.1	3.126	95.1	1.6	0.4
1270	12/17/2015 14:31:12	11.12	44.48	28.64	8.71	8.04	8.6	3.188	94.9	1.5	0.4
1271	12/17/2015 14:46:12	11.18	44.96	28.99	8.68	8.04	8.3	3.241	94.9	1.8	0.4
1272	12/17/2015 15:01:13	11.23	45.31	29.24	8.66	8.05	7.9	3.290	95.0	1.4	0.3
1273	12/17/2015 15:16:12	11.27	45.51	29.38	8.66	8.05	7.3	3.343	95.2	1.2	0.3
1274	12/17/2015 15:31:12	11.31	45.77	29.57	8.66	8.06	8.2	3.354	95.3	1.5	0.3
1275	12/17/2015 15:46:12	11.24	45.30	29.23	8.69	8.05	7.2	3.364	95.3	1.2	0.3
1276	12/17/2015 16:01:12	11.26	45.51	29.38	8.64	8.05	7.1	3.388	95.0	1.1	0.3
1277	12/17/2015 16:16:12	11.29	45.62	29.46	8.61	8.05	7.9	3.374	94.7	1.0	0.2
1278	12/17/2015 16:31:12	11.29	45.61	29.45	8.64	8.05	7.9	3.343	95.0	1.5	0.4
1279	12/17/2015 16:46:12	11.24	45.35	29.26	8.66	8.05	8.6	3.332	95.0	1.2	0.3
1280	12/17/2015 17:01:12	11.04	43.63	28.03	8.78	8.03	8.7	3.280	95.1	1.7	0.4
1281	12/17/2015 17:16:12	11.03	43.21	27.74	8.81	8.02	8.6	3.218	95.3	1.7	0.4
1282	12/17/2015 17:31:12	10.94	42.84	27.47	8.81	8.02	9.0	3.146	95.0	1.2	0.3
1283	12/17/2015 17:46:12	10.89	42.64	27.32	8.79	8.01	7.8	3.068	94.6	1.8	0.4
1284	12/17/2015 18:01:12	10.92	43.19	27.71	8.75	8.02	10.6	2.966	94.4	2.1	0.5
1285	12/17/2015 18:16:12	10.90	43.15	27.69	8.75	8.02	9.2	2.897	94.3	2.5	0.6
1286	12/17/2015 18:31:12	10.86	42.82	27.45	8.78	8.01	8.4	2.800	94.5	1.8	0.4
1287	12/17/2015 18:46:12	10.82	42.62	27.31	8.79	8.01	7.9	2.715	94.4	1.7	0.4
1288	12/17/2015 19:01:12	10.82	42.70	27.36	8.78	8.01	8.6	2.615	94.3	1.9	0.4
1289	12/17/2015 19:16:12	10.82	42.75	27.39	8.76	8.01	8.1	2.499	94.1	2.1	0.5
1290	12/17/2015 19:31:12	10.73	42.04	26.89	8.80	8.00	9.5	2.417	94.1	1.7	0.4
1291	12/17/2015 19:46:12	10.66	41.76	26.69	8.84	7.99	9.8	2.304	94.3	2.5	0.6
1292	12/17/2015 20:01:13	10.72	42.14	26.96	8.79	7.99	10.3	2.208	94.0	2.4	0.6
1293	12/17/2015 20:16:12	10.67	41.51	26.51	8.82	7.99	10.4	2.131	93.9	2.5	0.6
1294	12/17/2015 20:31:12	10.61	41.43	26.46	8.82	7.98	9.6	2.036	93.8	2.3	0.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1295	12/17/2015 20:46:12	10.62	41.37	26.41	8.81	7.98	9.8	1.928	93.7	2.0	0.5
1296	12/17/2015 21:01:12	10.58	41.06	26.19	8.82	7.97	10.0	1.857	93.6	2.7	0.6
1297	12/17/2015 21:16:12	10.54	40.94	26.10	8.84	7.97	9.3	1.788	93.6	1.9	0.5
1298	12/17/2015 21:31:12	10.52	40.76	25.98	8.83	7.97	8.6	1.733	93.4	2.0	0.5
1299	12/17/2015 21:46:12	10.51	40.59	25.86	8.84	7.96	8.4	1.688	93.4	2.5	0.6
1300	12/17/2015 22:01:12	10.57	41.05	26.19	8.71	7.97	7.3	1.674	92.4	2.2	0.5
1301	12/17/2015 22:16:12	10.52	40.62	25.88	8.86	7.97	10.1	1.664	93.7	2.2	0.5
1302	12/17/2015 22:31:12	10.53	40.71	25.95	8.87	7.97	9.9	1.685	93.8	2.6	0.6
1303	12/17/2015 22:46:12	10.56	40.87	26.06	8.84	7.97	10.8	1.723	93.7	2.0	0.5
1304	12/17/2015 23:01:12	10.57	41.00	26.15	8.84	7.97	10.1	1.765	93.7	2.0	0.5
1305	12/17/2015 23:16:12	10.56	40.53	25.82	8.84	7.97	10.9	1.838	93.5	2.2	0.5
1306	12/17/2015 23:31:12	10.54	39.88	25.36	8.85	7.96	10.3	1.897	93.3	1.9	0.4
1307	12/17/2015 23:46:12	10.58	40.69	25.94	8.80	7.97	10.4	1.969	93.2	2.9	0.7
1308	12/18/2015 00:01:12	10.61	40.96	26.12	8.79	7.97	8.8	2.037	93.2	2.4	0.6
1309	12/18/2015 00:16:12	10.63	40.91	26.09	8.78	7.97	9.6	2.113	93.2	2.4	0.6
1310	12/18/2015 00:31:12	10.68	41.43	26.46	8.76	7.98	10.1	2.186	93.2	2.6	0.6
1311	12/18/2015 00:46:13	10.69	41.47	26.49	8.76	7.98	9.3	2.273	93.3	1.9	0.5
1312	12/18/2015 01:01:12	10.75	41.89	26.78	8.76	7.99	10.8	2.360	93.7	1.8	0.4
1313	12/18/2015 01:16:12	10.77	41.95	26.83	8.78	7.99	9.8	2.447	93.9	1.9	0.4
1314	12/18/2015 01:31:13	10.80	42.35	27.11	8.75	7.99	10.6	2.532	93.8	1.8	0.4
1315	12/18/2015 01:46:12	10.85	42.40	27.15	8.75	8.00	11.1	2.611	93.9	2.0	0.5
1316	12/18/2015 02:01:12	10.91	42.82	27.45	8.72	8.00	11.5	2.702	93.9	2.2	0.5
1317	12/18/2015 02:16:12	10.94	42.95	27.55	8.73	8.00	11.1	2.786	94.1	1.6	0.4
1318	12/18/2015 02:31:12	10.97	42.92	27.53	8.74	8.01	12.6	2.876	94.3	1.9	0.4
1319	12/18/2015 02:46:12	11.02	43.17	27.71	8.74	8.01	16.0	2.960	94.5	2.4	0.6
1320	12/18/2015 03:01:12	11.09	43.62	28.03	8.76	8.02	17.7	3.061	95.1	1.8	0.4
1321	12/18/2015 03:16:12	11.15	43.87	28.21	8.79	8.03	19.8	3.162	95.7	1.8	0.4
1322	12/18/2015 03:31:12	11.31	44.75	28.84	8.81	8.04	20.9	3.270	96.5	2.3	0.5
1323	12/18/2015 03:46:12	11.45	45.55	29.42	8.81	8.06	21.3	3.351	97.2	2.0	0.5
1324	12/18/2015 04:01:12	11.53	45.99	29.74	8.80	8.06	20.6	3.458	97.4	1.7	0.4
1325	12/18/2015 04:16:12	11.58	46.23	29.91	8.82	8.07	19.4	3.540	97.9	2.0	0.5
1326	12/18/2015 04:31:12	11.61	46.36	30.01	8.82	8.07	16.2	3.613	98.1	1.9	0.5
1327	12/18/2015 04:46:12	11.63	46.57	30.16	8.82	8.07	15.2	3.691	98.1	2.3	0.5
1328	12/18/2015 05:01:12	11.67	46.83	30.35	8.85	8.08	13.2	3.716	98.7	1.2	0.3
1329	12/18/2015 05:16:12	11.69	46.90	30.40	8.88	8.08	10.1	3.763	99.1	0.9	0.2
1330	12/18/2015 05:31:12	11.69	47.04	30.50	8.83	8.08	8.3	3.785	98.6	0.6	0.1
1331	12/18/2015 05:46:12	11.66	46.86	30.37	8.86	8.08	11.5	3.777	98.7	1.1	0.3

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1332	12/18/2015 06:01:12	11.66	46.72	30.27	8.85	8.08	10.6	3.755	98.7	1.1	0.3
1333	12/18/2015 06:16:12	11.63	46.70	30.25	8.83	8.07	11.6	3.724	98.3	1.4	0.3
1334	12/18/2015 06:31:12	11.43	45.30	29.24	8.81	8.06	12.8	3.641	97.1	1.4	0.3
1335	12/18/2015 06:46:12	11.22	44.20	28.45	8.86	8.05	9.8	3.590	96.7	1.7	0.4
1336	12/18/2015 07:01:12	11.30	44.67	28.79	8.81	8.05	11.1	3.519	96.5	1.5	0.3
1337	12/18/2015 07:16:12	11.13	43.59	28.01	8.86	8.03	9.7	3.411	96.2	1.8	0.4
1338	12/18/2015 07:31:12	11.17	43.84	28.19	8.83	8.03	12.3	3.332	96.1	1.7	0.4
1339	12/18/2015 07:46:12	11.11	43.50	27.94	8.81	8.02	11.7	3.242	95.6	1.9	0.4
1340	12/18/2015 08:01:12	10.97	42.68	27.36	8.87	8.01	8.4	3.170	95.6	1.8	0.4
1341	12/18/2015 08:16:12	11.00	42.85	27.47	8.84	8.01	9.0	3.069	95.4	2.0	0.5
1342	12/18/2015 08:31:12	10.97	42.62	27.31	8.86	8.01	8.3	3.006	95.4	1.8	0.4
1343	12/18/2015 08:46:12	10.94	42.07	26.93	8.87	8.01	7.8	2.921	95.2	1.9	0.4
1344	12/18/2015 09:01:12	10.90	41.94	26.83	8.87	8.00	7.7	2.843	95.2	2.2	0.5
1345	12/18/2015 09:16:12	10.85	41.50	26.52	8.87	8.00	8.6	2.763	94.9	1.4	0.3
1346	12/18/2015 09:31:12	10.84	41.40	26.45	8.89	7.99	7.5	2.699	95.0	1.6	0.4
1347	12/18/2015 09:46:12	10.81	41.30	26.38	8.87	7.99	9.5	2.625	94.6	2.0	0.5
1348	12/18/2015 10:01:12	10.78	40.96	26.13	8.90	7.98	8.1	2.541	94.8	1.7	0.4
1349	12/18/2015 10:16:12	10.78	41.17	26.28	8.91	7.98	7.8	2.476	95.0	2.4	0.6
1350	12/18/2015 10:31:12	10.74	40.81	26.03	8.90	7.97	8.7	2.447	94.6	2.4	0.6
1351	12/18/2015 10:46:12	10.76	40.99	26.15	8.88	7.97	8.6	2.383	94.6	2.0	0.5
1352	12/18/2015 11:01:12	10.74	40.73	25.97	8.90	7.97	8.3	2.335	94.7	2.1	0.5
1353	12/18/2015 11:16:12	10.73	40.79	26.01	8.88	7.97	8.3	2.307	94.4	2.2	0.5
1354	12/18/2015 11:31:12	10.73	40.61	25.89	8.88	7.96	7.9	2.286	94.3	1.7	0.4
1355	12/18/2015 11:46:12	10.73	40.49	25.80	8.86	7.96	8.3	2.286	94.1	2.1	0.5
1356	12/18/2015 12:01:12	10.76	40.91	26.10	8.86	7.97	8.3	2.296	94.3	1.6	0.4
1357	12/18/2015 12:16:12	10.79	41.20	26.30	8.80	7.97	8.9	2.316	93.9	1.8	0.4
1358	12/18/2015 12:31:12	10.78	40.99	26.16	8.86	7.97	8.9	2.348	94.4	1.7	0.4
1359	12/18/2015 12:46:12	10.84	40.46	25.78	8.87	7.96	10.1	2.403	94.3	2.0	0.5
1360	12/18/2015 13:01:12	10.80	41.02	26.18	8.84	7.97	10.4	2.458	94.2	1.8	0.4
1361	12/18/2015 13:16:13	10.82	41.40	26.44	8.81	7.98	12.2	2.516	94.1	1.7	0.4
1362	12/18/2015 13:31:13	10.89	41.87	26.78	8.78	7.99	11.0	2.587	94.1	2.1	0.5
1363	12/18/2015 13:46:12	10.92	41.50	26.52	8.81	7.98	9.8	2.656	94.4	1.8	0.4
1364	12/18/2015 14:01:12	10.96	41.72	26.68	8.81	7.99	9.3	2.711	94.5	1.7	0.4
1365	12/18/2015 14:16:12	11.05	42.04	26.91	8.84	8.00	9.2	2.777	95.2	1.7	0.4
1366	12/18/2015 14:31:12	11.09	42.07	26.93	8.85	8.00	8.4	2.843	95.4	1.8	0.4
1367	12/18/2015 14:46:12	11.11	42.03	26.90	8.89	8.00	8.3	2.904	95.8	2.4	0.6
1368	12/18/2015 15:01:12	11.14	42.22	27.04	8.88	8.01	8.0	2.955	95.9	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	Fluorescence %FS
1369	12/18/2015 15:16:12	11.19	42.77	27.43	8.87	8.01	7.8	3.032	96.1	2.1	0.5
1370	12/18/2015 15:31:12	11.22	43.24	27.76	8.85	8.02	7.3	3.076	96.1	2.0	0.5
1371	12/18/2015 15:46:12	11.23	43.29	27.80	8.83	8.02	7.2	3.130	96.0	2.0	0.5
1372	12/18/2015 16:01:12	11.24	43.50	27.95	8.80	8.03	6.9	3.178	95.8	1.3	0.3
1373	12/18/2015 16:16:12	11.26	43.78	28.15	8.78	8.03	7.2	3.220	95.7	2.1	0.5
	Mean	11.44	45.02	29.05	8.66	7.96	11.62	2.82	95.32	2.12	0.50
	Minimum	9.49	38.21	24.16	8.14	7.85	3.30	1.24	89.80	0.60	0.10
	Maximum	13.27	48.83	31.79	9.31	8.10	68.70	4.07	105.90	4.30	1.00

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

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	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
0	12/18/2015 16:46:05	11.15	44.72	28.82	9.52	8.07	7.1	3.321	104.0	1.0	0.2
1	12/18/2015 17:01:05	11.15	44.79	28.86	9.46	8.08	7.9	3.351	103.4	1.0	0.2
2	12/18/2015 17:16:05	11.15	44.73	28.82	9.41	8.08	6.2	3.358	102.8	1.2	0.3
3	12/18/2015 17:31:05	11.15	44.85	28.90	9.39	8.08	7.5	3.335	102.6	0.9	0.2
4	12/18/2015 17:46:05	11.15	44.80	28.87	9.42	8.09	7.6	3.327	102.9	1.0	0.2
5	12/18/2015 18:01:05	11.14	44.63	28.75	9.42	8.09	7.6	3.294	102.8	1.2	0.3
6	12/18/2015 18:16:05	11.10	44.28	28.50	9.41	8.09	8.2	3.221	102.5	1.5	0.3
7	12/18/2015 18:31:05	11.06	43.96	28.27	9.41	8.08	8.9	3.159	102.2	1.5	0.4
8	12/18/2015 18:46:05	11.00	43.26	27.77	9.46	8.07	11.0	3.130	102.3	2.3	0.5
9	12/18/2015 19:01:05	10.96	42.80	27.44	9.48	8.07	10.6	3.049	102.2	2.1	0.5
10	12/18/2015 19:16:05	10.87	41.74	26.68	9.55	8.06	10.2	2.956	102.3	2.4	0.6
11	12/18/2015 19:31:05	10.83	42.14	26.97	9.54	8.06	8.4	2.883	102.3	1.3	0.3
12	12/18/2015 19:46:05	10.81	42.08	26.92	9.50	8.05	8.7	2.808	101.8	1.5	0.4
13	12/18/2015 20:01:05	10.82	42.30	27.08	9.46	8.05	8.8	2.721	101.5	1.3	0.3
14	12/18/2015 20:16:05	10.79	42.06	26.91	9.46	8.05	8.7	2.649	101.2	1.2	0.3
15	12/18/2015 20:31:05	10.76	41.53	26.53	9.47	8.04	8.4	2.558	101.0	1.5	0.4
16	12/18/2015 20:46:05	10.73	41.13	26.25	9.47	8.04	9.7	2.478	100.8	2.0	0.5
17	12/18/2015 21:01:05	10.71	40.98	26.14	9.49	8.03	9.5	2.406	100.9	1.5	0.4
18	12/18/2015 21:16:05	10.69	40.96	26.13	9.50	8.03	9.8	2.329	100.9	1.7	0.4
19	12/18/2015 21:31:06	10.67	40.97	26.14	9.49	8.03	9.7	2.232	100.8	2.0	0.5
20	12/18/2015 21:46:06	10.65	41.02	26.17	9.48	8.02	9.2	2.168	100.7	1.9	0.5
21	12/18/2015 22:01:05	10.64	40.86	26.05	9.51	8.02	8.9	2.088	100.9	1.6	0.4
22	12/18/2015 22:16:05	10.64	40.86	26.06	9.48	8.02	9.4	2.033	100.6	1.5	0.4
23	12/18/2015 22:31:05	10.63	40.83	26.03	9.46	8.02	9.4	1.995	100.3	1.4	0.3
24	12/18/2015 22:46:06	10.64	40.80	26.02	9.45	8.02	9.0	1.949	100.2	1.7	0.4
25	12/18/2015 23:01:06	10.64	40.78	26.00	9.43	8.02	9.9	1.942	100.1	2.2	0.5
26	12/18/2015 23:16:06	10.65	40.72	25.96	9.49	8.02	9.1	1.919	100.7	1.8	0.4
27	12/18/2015 23:31:06	10.66	40.87	26.06	9.49	8.02	8.3	1.948	100.7	1.6	0.4
28	12/18/2015 23:46:05	10.63	40.48	25.79	9.53	8.02	8.0	1.982	101.0	1.9	0.4
29	12/19/2015 00:01:05	10.68	40.94	26.11	9.46	8.03	8.3	2.020	100.5	1.6	0.4
30	12/19/2015 00:16:05	10.70	41.01	26.16	9.45	8.03	9.8	2.084	100.5	1.1	0.3
31	12/19/2015 00:31:05	10.70	40.97	26.14	9.45	8.03	9.4	2.137	100.4	1.8	0.4
32	12/19/2015 00:46:05	10.70	40.81	26.03	9.44	8.02	9.4	2.193	100.3	1.8	0.4
33	12/19/2015 01:01:05	10.70	40.83	26.03	9.45	8.02	9.8	2.272	100.4	1.9	0.4
34	12/19/2015 01:16:05	10.72	40.95	26.12	9.42	8.02	9.5	2.346	100.2	1.6	0.4
35	12/19/2015 01:31:05	10.75	40.86	26.06	9.42	8.03	10.6	2.413	100.2	1.9	0.5
36	12/19/2015 01:46:05	10.76	40.74	25.97	9.44	8.03	11.2	2.490	100.4	1.7	0.4

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	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
37	12/19/2015 02:01:05	10.79	40.80	26.02	9.44	8.04	10.8	2.588	100.5	2.1	0.5
38	12/19/2015 02:16:05	10.78	40.53	25.83	9.51	8.04	12.1	2.662	101.1	1.8	0.4
39	12/19/2015 02:31:05	10.81	41.15	26.27	9.45	8.05	12.3	2.733	100.8	1.5	0.4
40	12/19/2015 02:46:05	10.87	42.23	27.03	9.38	8.06	12.2	2.820	100.6	1.9	0.4
41	12/19/2015 03:01:05	10.92	42.48	27.21	9.35	8.06	12.9	2.917	100.6	1.7	0.4
42	12/19/2015 03:16:05	10.98	42.93	27.53	9.34	8.07	14.8	3.014	100.8	1.8	0.4
43	12/19/2015 03:31:05	11.02	43.15	27.69	9.36	8.07	17.3	3.107	101.2	1.6	0.4
44	12/19/2015 03:46:05	11.06	43.46	27.91	9.37	8.08	17.2	3.209	101.5	1.9	0.5
45	12/19/2015 04:01:06	11.09	43.85	28.19	9.35	8.08	19.8	3.306	101.6	2.1	0.5
46	12/19/2015 04:16:05	11.15	44.23	28.46	9.38	8.10	24.0	3.408	102.2	2.0	0.5
47	12/19/2015 04:31:05	11.26	45.11	29.10	9.38	8.11	24.9	3.513	102.8	1.8	0.4
48	12/19/2015 04:46:06	11.36	45.88	29.65	9.35	8.12	19.5	3.584	103.2	2.0	0.5
49	12/19/2015 05:01:05	11.41	46.14	29.84	9.34	8.13	18.9	3.673	103.2	1.7	0.4
50	12/19/2015 05:16:05	11.43	46.35	29.99	9.32	8.13	16.7	3.745	103.2	1.3	0.3
51	12/19/2015 05:31:05	11.45	46.51	30.11	9.31	8.13	14.4	3.816	103.1	1.0	0.2
52	12/19/2015 05:46:05	11.49	46.73	30.27	9.29	8.13	13.9	3.860	103.1	0.7	0.2
53	12/19/2015 06:01:05	11.52	46.93	30.41	9.25	8.14	11.9	3.887	102.9	1.1	0.3
54	12/19/2015 06:16:05	11.56	47.06	30.51	9.19	8.14	9.1	3.908	102.4	1.2	0.3
55	12/19/2015 06:31:05	11.52	46.83	30.34	9.17	8.13	9.7	3.900	101.9	0.9	0.2
56	12/19/2015 06:46:05	11.53	46.97	30.45	9.18	8.14	9.2	3.897	102.2	0.8	0.2
57	12/19/2015 07:01:05	11.55	47.04	30.49	9.18	8.14	9.6	3.851	102.2	0.9	0.2
58	12/19/2015 07:16:05	11.52	46.87	30.37	9.17	8.14	10.5	3.818	102.0	0.6	0.1
59	12/19/2015 07:31:05	11.46	46.56	30.15	9.21	8.13	11.5	3.710	102.2	0.9	0.2
60	12/19/2015 07:46:05	11.35	45.93	29.69	9.24	8.12	14.2	3.656	101.9	1.6	0.4
61	12/19/2015 08:01:05	11.30	45.37	29.29	9.27	8.12	13.4	3.570	101.9	1.3	0.3
62	12/19/2015 08:16:05	11.14	44.24	28.47	9.31	8.11	12.0	3.504	101.4	1.4	0.3
63	12/19/2015 08:31:05	11.07	43.77	28.13	9.29	8.10	11.2	3.399	100.8	1.8	0.4
64	12/19/2015 08:46:05	10.95	42.96	27.55	9.35	8.09	11.0	3.318	100.8	1.4	0.3
65	12/19/2015 09:01:05	10.95	43.12	27.66	9.33	8.09	11.2	3.229	100.7	1.3	0.3
66	12/19/2015 09:16:05	10.97	43.16	27.69	9.30	8.08	13.6	3.169	100.4	1.9	0.4
67	12/19/2015 09:31:05	10.99	43.15	27.69	9.27	8.08	14.1	3.061	100.2	0.9	0.2
68	12/19/2015 09:46:05	10.78	42.04	26.89	9.35	8.07	13.3	2.974	100.0	1.8	0.4
69	12/19/2015 10:01:06	10.76	41.80	26.72	9.36	8.06	9.8	2.875	100.0	1.5	0.4
70	12/19/2015 10:16:05	10.81	41.82	26.74	9.36	8.06	9.8	2.819	100.1	1.6	0.4
71	12/19/2015 10:31:05	10.82	41.80	26.73	9.36	8.06	9.4	2.745	100.2	1.8	0.4
72	12/19/2015 10:46:06	10.86	41.59	26.58	9.38	8.05	9.2	2.632	100.4	1.6	0.4
73	12/19/2015 11:01:05	10.86	41.26	26.35	9.35	8.05	10.8	2.557	99.8	1.7	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	Fluorescence %FS
74	12/19/2015 11:16:06	10.96	41.36	26.42	9.36	8.05	9.5	2.466	100.3	1.8	0.4
75	12/19/2015 11:31:05	10.92	40.95	26.13	9.37	8.04	8.7	2.385	100.1	1.9	0.5
76	12/19/2015 11:46:05	11.05	41.03	26.19	9.39	8.05	8.7	2.298	100.6	1.3	0.3
77	12/19/2015 12:01:06	10.94	40.68	25.95	9.40	8.03	9.2	2.246	100.4	1.6	0.4
78	12/19/2015 12:16:05	11.03	40.62	25.90	9.41	8.04	8.4	2.217	100.6	1.6	0.4
79	12/19/2015 12:31:05	11.08	40.46	25.79	9.42	8.04	8.6	2.177	100.7	1.7	0.4
80	12/19/2015 12:46:05	11.00	40.38	25.73	9.37	8.04	7.9	2.159	100.0	2.0	0.5
81	12/19/2015 13:01:05	11.04	40.52	25.84	9.42	8.04	8.3	2.160	100.7	1.5	0.3
82	12/19/2015 13:16:06	11.10	40.43	25.77	9.43	8.03	7.8	2.192	100.9	1.9	0.4
83	12/19/2015 13:31:06	10.90	41.10	26.24	9.30	8.03	8.9	2.194	99.4	1.6	0.4
84	12/19/2015 13:46:06	10.97	40.65	25.92	9.35	8.03	8.7	2.260	99.9	1.4	0.3
85	12/19/2015 14:01:05	10.94	40.69	25.95	9.30	8.03	9.6	2.305	99.3	1.6	0.4
86	12/19/2015 14:16:05	10.92	40.39	25.73	9.32	8.03	12.0	2.370	99.3	1.7	0.4
87	12/19/2015 14:31:05	10.88	40.85	26.06	9.28	8.03	11.5	2.471	99.0	1.3	0.3
88	12/19/2015 14:46:06	10.88	40.93	26.12	9.28	8.03	11.1	2.522	99.1	1.5	0.4
89	12/19/2015 15:01:05	10.86	40.57	25.86	9.28	8.03	11.2	2.580	98.9	1.7	0.4
90	12/19/2015 15:16:05	10.86	40.41	25.75	9.31	8.03	10.1	2.632	99.0	2.4	0.6
91	12/19/2015 15:31:06	10.87	40.24	25.63	9.34	8.02	10.1	2.706	99.4	2.0	0.5
92	12/19/2015 15:46:05	10.84	40.32	25.68	9.37	8.03	9.5	2.774	99.6	1.6	0.4
93	12/19/2015 16:01:05	10.84	41.02	26.17	9.34	8.04	9.4	2.843	99.7	1.7	0.4
94	12/19/2015 16:16:05	10.85	41.25	26.34	9.33	8.05	9.0	2.901	99.7	1.7	0.4
95	12/19/2015 16:31:05	10.94	41.70	26.66	9.31	8.06	9.0	2.968	99.8	1.5	0.4
96	12/19/2015 16:46:05	10.96	42.05	26.91	9.30	8.06	9.2	3.031	99.9	1.5	0.4
97	12/19/2015 17:01:05	10.96	42.20	27.01	9.28	8.07	9.0	3.086	99.8	1.9	0.4
98	12/19/2015 17:16:05	10.96	42.37	27.13	9.27	8.07	8.4	3.168	99.8	1.2	0.3
99	12/19/2015 17:31:05	10.97	42.64	27.33	9.25	8.07	8.9	3.193	99.7	1.2	0.3
100	12/19/2015 17:46:05	10.98	42.62	27.31	9.25	8.07	8.5	3.221	99.7	1.2	0.3
101	12/19/2015 18:01:05	10.99	42.93	27.54	9.23	8.08	8.3	3.241	99.6	1.2	0.3
102	12/19/2015 18:16:05	10.99	42.85	27.48	9.22	8.08	8.3	3.273	99.5	1.3	0.3
103	12/19/2015 18:31:05	10.99	42.94	27.54	9.12	8.07	8.5	3.313	98.5	1.9	0.4
104	12/19/2015 18:46:06	10.98	43.01	27.59	9.11	8.07	7.6	3.301	98.4	1.3	0.3
105	12/19/2015 19:01:06	11.00	43.16	27.70	9.15	8.07	8.1	3.288	98.9	1.3	0.3
106	12/19/2015 19:16:05	10.97	42.80	27.44	9.15	8.07	8.6	3.259	98.7	0.9	0.2
107	12/19/2015 19:31:05	10.96	42.64	27.32	9.17	8.07	8.7	3.192	98.7	1.0	0.2
108	12/19/2015 19:46:05	10.62	39.63	25.19	9.34	8.03	10.8	3.152	98.6	2.4	0.6
109	12/19/2015 20:01:06	10.86	41.66	26.63	9.23	8.05	11.7	3.090	98.8	1.3	0.3
110	12/19/2015 20:16:06	10.85	41.43	26.47	9.26	8.05	11.0	3.019	99.0	1.9	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	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
111	12/19/2015 20:31:06	10.59	40.56	25.84	9.36	8.04	10.5	2.967	99.0	1.9	0.4
112	12/19/2015 20:46:06	10.58	40.46	25.77	9.36	8.03	10.0	2.896	99.0	2.1	0.5
113	12/19/2015 21:01:06	10.59	40.52	25.81	9.35	8.03	10.2	2.801	99.0	2.2	0.5
114	12/19/2015 21:16:05	10.50	40.09	25.51	9.37	8.03	10.2	2.754	98.8	1.8	0.4
115	12/19/2015 21:31:06	10.41	39.78	25.29	9.38	8.02	11.5	2.680	98.6	2.2	0.5
116	12/19/2015 21:46:06	10.36	39.76	25.27	9.38	8.02	13.1	2.600	98.4	1.9	0.4
117	12/19/2015 22:01:06	10.34	39.65	25.19	9.37	8.02	13.3	2.520	98.3	2.1	0.5
118	12/19/2015 22:16:05	10.30	39.57	25.13	9.39	8.02	13.9	2.452	98.4	1.9	0.5
119	12/19/2015 22:31:05	10.31	39.62	25.17	9.38	8.02	13.9	2.414	98.3	2.5	0.6
120	12/19/2015 22:46:05	10.34	39.70	25.23	9.38	8.02	12.7	2.317	98.4	2.3	0.6
121	12/19/2015 23:01:05	10.28	39.68	25.21	9.42	8.02	14.6	2.250	98.7	2.6	0.6
122	12/19/2015 23:16:06	10.18	39.42	25.03	9.44	8.02	14.6	2.199	98.5	2.9	0.7
123	12/19/2015 23:31:05	10.22	39.29	24.94	9.46	8.02	13.1	2.184	98.8	3.0	0.7
124	12/19/2015 23:46:05	10.22	39.16	24.85	9.49	8.02	13.1	2.142	99.0	2.0	0.5
125	12/20/2015 00:01:05	10.30	39.25	24.91	9.41	8.02	10.5	2.103	98.4	2.2	0.5
126	12/20/2015 00:16:06	10.30	39.20	24.87	9.49	8.01	10.6	2.103	99.3	1.9	0.4
127	12/20/2015 00:31:05	10.26	39.13	24.83	9.51	8.02	10.8	2.106	99.3	1.9	0.5
128	12/20/2015 00:46:05	10.22	38.95	24.70	9.58	8.02	9.5	2.117	99.9	2.0	0.5
129	12/20/2015 01:01:05	10.35	39.21	24.89	9.42	8.01	10.1	2.133	98.6	2.6	0.6
130	12/20/2015 01:16:06	10.44	39.68	25.22	9.39	8.01	9.5	2.203	98.7	2.0	0.5
131	12/20/2015 01:31:05	10.45	39.58	25.15	9.36	8.01	10.9	2.260	98.4	1.7	0.4
132	12/20/2015 01:46:06	10.45	39.40	25.03	9.38	8.00	10.8	2.325	98.5	2.3	0.5
133	12/20/2015 02:01:06	10.51	39.58	25.15	9.36	8.01	10.0	2.383	98.5	2.0	0.5
134	12/20/2015 02:16:05	10.59	39.73	25.26	9.34	8.02	9.2	2.469	98.5	2.1	0.5
135	12/20/2015 02:31:06	10.62	39.91	25.39	9.32	8.02	9.8	2.576	98.5	1.3	0.3
136	12/20/2015 02:46:06	10.69	40.79	26.01	9.30	8.03	13.1	2.637	98.7	1.9	0.5
137	12/20/2015 03:01:06	10.65	40.51	25.81	9.33	8.03	13.1	2.718	98.9	2.0	0.5
138	12/20/2015 03:16:05	10.56	40.18	25.58	9.39	8.03	11.5	2.801	99.2	2.1	0.5
139	12/20/2015 03:31:05	10.54	40.72	25.95	9.40	8.04	12.3	2.875	99.5	2.3	0.5
140	12/20/2015 03:46:06	10.55	40.72	25.96	9.41	8.04	11.4	2.961	99.6	1.9	0.4
141	12/20/2015 04:01:05	10.62	41.12	26.24	9.39	8.05	11.1	3.085	99.8	1.4	0.3
142	12/20/2015 04:16:06	10.74	41.93	26.81	9.36	8.06	9.8	3.150	100.0	1.5	0.4
143	12/20/2015 04:31:05	11.03	43.32	27.81	9.28	8.08	18.6	3.221	100.4	1.6	0.4
144	12/20/2015 04:46:06	11.05	43.82	28.17	9.28	8.09	21.6	3.341	100.7	1.1	0.3
145	12/20/2015 05:01:06	11.03	44.03	28.31	9.31	8.09	22.7	3.424	101.1	1.8	0.4
146	12/20/2015 05:16:06	11.03	44.44	28.61	9.41	8.10	23.3	3.553	102.3	2.1	0.5
147	12/20/2015 05:31:05	11.07	45.09	29.07	9.45	8.11	19.7	3.605	103.2	1.7	0.4

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	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
148	12/20/2015 05:46:06	11.13	45.60	29.44	9.48	8.12	18.5	3.707	103.9	1.7	0.4
149	12/20/2015 06:01:05	11.17	46.19	29.87	9.47	8.13	16.8	3.763	104.2	1.0	0.2
150	12/20/2015 06:16:05	11.21	46.64	30.19	9.45	8.13	15.1	3.849	104.3	1.3	0.3
151	12/20/2015 06:31:05	11.25	47.01	30.46	9.44	8.13	13.1	3.894	104.4	0.8	0.2
152	12/20/2015 06:46:06	11.29	47.36	30.71	9.41	8.13	11.7	3.946	104.3	0.7	0.2
153	12/20/2015 07:01:06	11.31	47.54	30.84	9.40	8.13	11.1	3.980	104.3	1.3	0.3
154	12/20/2015 07:16:06	11.32	47.61	30.89	9.33	8.13	8.9	3.993	103.6	0.8	0.2
155	12/20/2015 07:31:06	11.14	46.86	30.34	9.39	8.13	8.7	3.981	103.5	0.6	0.1
156	12/20/2015 07:46:05	11.25	47.16	30.56	9.32	8.13	9.6	3.966	103.2	0.9	0.2
157	12/20/2015 08:01:05	11.29	47.48	30.80	9.29	8.13	10.3	3.913	103.1	0.5	0.1
158	12/20/2015 08:16:05	10.97	45.55	29.40	9.43	8.12	10.4	3.840	102.9	1.1	0.3
159	12/20/2015 08:31:05	10.81	44.45	28.60	9.49	8.11	14.2	3.787	102.7	1.7	0.4
160	12/20/2015 08:46:06	10.68	43.76	28.11	9.54	8.10	12.9	3.712	102.7	1.4	0.3
161	12/20/2015 09:01:06	10.59	42.81	27.43	9.55	8.08	13.7	3.629	102.1	2.2	0.5
162	12/20/2015 09:16:05	10.51	42.18	26.98	9.58	8.08	16.7	3.521	101.9	1.6	0.4
163	12/20/2015 09:31:05	10.53	41.97	26.83	9.53	8.07	23.0	3.413	101.4	1.8	0.4
164	12/20/2015 09:46:05	10.52	41.93	26.81	9.54	8.07	22.7	3.336	101.5	2.4	0.6
165	12/20/2015 10:01:06	10.47	41.66	26.61	9.56	8.06	20.4	3.231	101.5	2.5	0.6
166	12/20/2015 10:16:06	10.39	41.07	26.19	9.61	8.05	21.2	3.129	101.5	1.9	0.5
167	12/20/2015 10:31:05	10.39	40.96	26.12	9.60	8.05	22.5	3.061	101.3	1.9	0.5
168	12/20/2015 10:46:06	10.34	40.60	25.86	9.64	8.04	22.5	2.935	101.5	2.1	0.5
169	12/20/2015 11:01:05	10.38	40.71	25.94	9.64	8.05	22.4	2.837	101.7	1.7	0.4
170	12/20/2015 11:16:06	10.45	41.13	26.24	9.62	8.05	25.9	2.742	101.8	2.3	0.5
171	12/20/2015 11:31:06	10.48	41.31	26.36	9.62	8.06	29.9	2.614	102.0	2.6	0.6
172	12/20/2015 11:46:06	10.45	40.86	26.05	9.65	8.05	27.8	2.535	102.0	2.3	0.5
173	12/20/2015 12:01:05	10.43	40.47	25.77	9.70	8.05	26.0	2.425	102.2	2.3	0.5
174	12/20/2015 12:16:05	10.38	40.09	25.50	9.72	8.04	23.9	2.319	102.3	2.6	0.6
175	12/20/2015 12:31:06	10.37	39.90	25.37	9.75	8.04	20.5	2.246	102.4	2.3	0.5
176	12/20/2015 12:46:06	10.45	40.02	25.45	9.77	8.04	21.3	2.136	102.9	2.1	0.5
177	12/20/2015 13:01:06	10.41	39.73	25.26	9.80	8.04	18.1	2.082	103.0	2.5	0.6
178	12/20/2015 13:16:05	10.45	39.68	25.22	9.82	8.04	18.0	2.014	103.2	2.3	0.6
179	12/20/2015 13:31:05	10.42	39.51	25.10	9.80	8.04	16.3	1.969	102.8	2.4	0.6
180	12/20/2015 13:46:06	10.48	39.67	25.22	9.77	8.04	16.8	1.925	102.8	2.4	0.6
181	12/20/2015 14:01:06	10.34	40.02	25.45	9.67	8.03	17.0	1.955	101.5	1.6	0.4
182	12/20/2015 14:16:06	10.42	39.83	25.32	9.73	8.03	14.4	1.957	102.2	1.7	0.4
183	12/20/2015 14:31:06	10.41	39.92	25.38	9.73	8.03	15.8	1.972	102.3	1.7	0.4
184	12/20/2015 14:46:06	10.42	39.90	25.37	9.73	8.03	15.1	2.037	102.3	1.8	0.4

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	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
185	12/20/2015 15:01:06	10.45	39.33	24.98	9.80	8.02	15.5	2.098	102.9	2.9	0.7
186	12/20/2015 15:16:06	10.36	38.60	24.46	9.80	8.01	13.6	2.179	102.3	2.5	0.6
187	12/20/2015 15:31:06	10.39	39.43	25.04	9.74	8.02	13.3	2.271	102.2	2.2	0.5
188	12/20/2015 15:46:06	10.38	39.31	24.96	9.75	8.02	15.0	2.342	102.2	2.0	0.5
189	12/20/2015 16:01:06	10.40	40.07	25.49	9.67	8.03	29.0	2.418	101.7	2.3	0.5
190	12/20/2015 16:16:05	10.41	40.18	25.57	9.64	8.04	21.7	2.516	101.5	2.5	0.6
191	12/20/2015 16:31:06	10.45	40.55	25.83	9.62	8.04	18.0	2.579	101.5	1.8	0.4
192	12/20/2015 16:46:06	10.47	40.72	25.95	9.62	8.04	18.3	2.643	101.7	2.0	0.5
193	12/20/2015 17:01:06	10.48	40.48	25.78	9.66	8.04	14.2	2.717	101.9	2.2	0.5
194	12/20/2015 17:16:06	10.46	40.71	25.94	9.66	8.04	14.1	2.791	102.1	2.2	0.5
195	12/20/2015 17:31:05	10.49	40.88	26.06	9.64	8.05	13.9	2.853	102.0	2.0	0.5
196	12/20/2015 17:46:06	10.51	41.20	26.29	9.61	8.05	13.7	2.924	101.9	2.3	0.5
197	12/20/2015 18:01:05	10.54	41.56	26.54	9.59	8.06	14.1	2.988	101.9	1.9	0.4
198	12/20/2015 18:16:05	10.56	41.76	26.69	9.58	8.06	15.6	3.027	101.9	2.1	0.5
199	12/20/2015 18:31:06	10.58	41.94	26.81	9.56	8.06	17.9	3.118	101.8	2.0	0.5
200	12/20/2015 18:46:06	10.61	42.28	27.05	9.56	8.06	15.4	3.183	102.0	1.9	0.4
201	12/20/2015 19:01:05	10.64	42.36	27.12	9.56	8.07	14.9	3.217	102.1	2.0	0.5
202	12/20/2015 19:16:06	10.66	42.44	27.17	9.53	8.07	12.7	3.266	101.9	1.7	0.4
203	12/20/2015 19:31:05	10.69	42.57	27.27	9.53	8.07	11.5	3.303	102.0	1.8	0.4
204	12/20/2015 19:46:06	10.71	42.74	27.39	9.46	8.07	12.5	3.333	101.4	1.7	0.4
205	12/20/2015 20:01:05	10.67	42.54	27.24	9.48	8.07	11.2	3.341	101.4	1.9	0.4
206	12/20/2015 20:16:06	10.71	42.75	27.39	9.45	8.07	10.1	3.329	101.3	2.1	0.5
207	12/20/2015 20:31:05	10.71	42.75	27.39	9.48	8.07	10.8	3.315	101.6	1.6	0.4
208	12/20/2015 20:46:06	10.66	42.48	27.20	9.49	8.07	12.8	3.262	101.5	2.0	0.5
209	12/20/2015 21:01:06	10.58	41.68	26.63	9.49	8.05	14.2	3.220	101.0	1.7	0.4
210	12/20/2015 21:16:06	10.52	41.48	26.49	9.52	8.05	15.7	3.157	101.0	1.9	0.4
211	12/20/2015 21:31:05	10.51	41.19	26.28	9.55	8.05	15.5	3.072	101.2	1.6	0.4
212	12/20/2015 21:46:06	10.49	41.13	26.24	9.55	8.04	22.0	3.012	101.2	2.5	0.6
213	12/20/2015 22:01:06	10.47	40.75	25.97	9.54	8.04	13.9	2.943	100.9	2.0	0.5
214	12/20/2015 22:16:06	10.47	40.71	25.94	9.51	8.03	13.7	2.871	100.5	2.2	0.5
215	12/20/2015 22:31:06	10.47	40.74	25.97	9.48	8.03	12.3	2.790	100.2	2.2	0.5
216	12/20/2015 22:46:06	10.42	40.47	25.77	9.51	8.03	11.7	2.723	100.3	1.8	0.4
217	12/20/2015 23:01:06	10.39	40.16	25.55	9.53	8.02	10.6	2.670	100.2	1.9	0.4
218	12/20/2015 23:16:06	10.36	39.94	25.40	9.56	8.02	10.2	2.596	100.4	2.2	0.5
219	12/20/2015 23:31:06	10.34	39.73	25.25	9.57	8.02	10.1	2.506	100.4	2.4	0.6
220	12/20/2015 23:46:06	10.32	39.60	25.16	9.59	8.02	9.9	2.462	100.4	2.0	0.5
221	12/21/2015 00:01:06	10.31	39.33	24.97	9.60	8.01	10.0	2.407	100.5	1.8	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	Fluorescence %FS
222	12/21/2015 00:16:07	10.30	39.33	24.97	9.60	8.01	9.8	2.359	100.4	2.2	0.5
223	12/21/2015 00:31:06	10.30	39.28	24.94	9.60	8.01	9.9	2.316	100.4	2.2	0.5
224	12/21/2015 00:46:06	10.29	39.25	24.91	9.59	8.01	9.0	2.269	100.3	2.6	0.6
225	12/21/2015 01:01:06	10.29	39.15	24.84	9.58	8.00	8.9	2.236	100.1	2.3	0.6
226	12/21/2015 01:16:06	10.29	39.24	24.90	9.53	8.01	8.3	2.231	99.7	2.8	0.7
227	12/21/2015 01:31:06	10.31	39.38	25.00	9.60	8.01	8.8	2.240	100.5	1.8	0.4
228	12/21/2015 01:46:06	10.31	39.39	25.01	9.59	8.00	9.8	2.258	100.3	1.7	0.4
229	12/21/2015 02:01:06	10.33	39.53	25.11	9.61	8.01	9.4	2.290	100.6	1.6	0.4
230	12/21/2015 02:16:06	10.36	39.69	25.22	9.58	8.01	10.1	2.328	100.5	1.4	0.3
231	12/21/2015 02:31:05	10.32	39.17	24.86	9.59	8.01	9.8	2.382	100.3	2.1	0.5
232	12/21/2015 02:46:06	10.37	39.65	25.20	9.57	8.01	12.2	2.463	100.4	2.4	0.6
233	12/21/2015 03:01:06	10.38	39.46	25.06	9.56	8.01	11.0	2.539	100.2	1.9	0.5
234	12/21/2015 03:16:06	10.42	39.93	25.39	9.55	8.02	11.4	2.588	100.4	2.1	0.5
235	12/21/2015 03:31:06	10.45	40.02	25.46	9.52	8.02	9.9	2.689	100.3	1.9	0.4
236	12/21/2015 03:46:06	10.50	40.62	25.88	9.51	8.03	12.8	2.769	100.5	2.7	0.6
237	12/21/2015 04:01:06	10.45	40.64	25.89	9.54	8.03	14.6	2.852	100.8	2.1	0.5
238	12/21/2015 04:16:06	10.45	40.72	25.95	9.58	8.03	12.5	2.933	101.1	2.2	0.5
239	12/21/2015 04:31:06	10.55	41.42	26.45	9.55	8.05	10.7	3.021	101.4	1.7	0.4
240	12/21/2015 04:46:06	10.59	41.56	26.55	9.55	8.05	13.3	3.117	101.5	2.0	0.5
241	12/21/2015 05:01:06	10.70	42.79	27.42	9.51	8.06	17.5	3.200	102.0	1.9	0.5
242	12/21/2015 05:16:05	10.84	43.93	28.23	9.48	8.08	25.6	3.311	102.5	2.0	0.5
243	12/21/2015 05:31:06	10.86	44.21	28.44	9.46	8.08	26.0	3.415	102.5	2.2	0.5
244	12/21/2015 05:46:06	10.89	44.44	28.60	9.49	8.09	28.0	3.516	102.9	1.6	0.4
245	12/21/2015 06:01:06	10.98	45.04	29.03	9.47	8.10	32.9	3.615	103.2	1.9	0.4
246	12/21/2015 06:16:06	11.04	45.54	29.39	9.46	8.11	33.7	3.712	103.5	1.7	0.4
247	12/21/2015 06:31:06	11.09	46.04	29.75	9.45	8.11	26.1	3.803	103.7	1.2	0.3
248	12/21/2015 06:46:06	11.11	46.24	29.90	9.45	8.12	18.8	3.885	103.8	1.5	0.4
249	12/21/2015 07:01:06	11.15	46.47	30.06	9.45	8.12	16.1	3.980	104.0	0.9	0.2
250	12/21/2015 07:16:06	11.19	46.70	30.23	9.46	8.12	15.1	4.043	104.4	0.9	0.2
251	12/21/2015 07:31:06	11.21	46.83	30.32	9.46	8.13	13.4	4.099	104.5	1.1	0.3
252	12/21/2015 07:46:06	11.24	46.99	30.44	9.46	8.13	11.9	4.133	104.6	1.5	0.3
253	12/21/2015 08:01:06	11.26	47.15	30.56	9.45	8.13	9.1	4.154	104.6	0.9	0.2
254	12/21/2015 08:16:06	11.26	47.12	30.54	9.36	8.13	8.9	4.151	103.6	0.8	0.2
255	12/21/2015 08:31:06	11.25	47.11	30.53	9.41	8.13	11.5	4.150	104.1	1.1	0.3
256	12/21/2015 08:46:06	11.21	46.66	30.21	9.39	8.13	10.9	4.106	103.6	0.7	0.2
257	12/21/2015 09:01:06	11.14	46.14	29.83	9.42	8.12	10.3	4.033	103.6	1.0	0.2
258	12/21/2015 09:16:05	11.08	45.56	29.41	9.43	8.11	11.9	3.985	103.2	1.0	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	Fluorescence %FS
259	12/21/2015 09:31:05	11.13	46.09	29.79	9.43	8.12	17.0	3.918	103.5	1.4	0.3
260	12/21/2015 09:46:06	11.06	45.50	29.37	9.44	8.11	23.2	3.819	103.2	1.4	0.3
261	12/21/2015 10:01:05	10.94	43.72	28.09	9.54	8.10	12.1	3.700	103.3	1.5	0.4
262	12/21/2015 10:16:05	10.92	43.54	27.96	9.54	8.09	14.5	3.601	103.1	1.2	0.3
263	12/21/2015 10:31:06	10.88	43.09	27.64	9.56	8.08	14.3	3.501	103.1	1.4	0.3
264	12/21/2015 10:46:05	10.85	42.73	27.38	9.59	8.08	13.6	3.394	103.1	1.9	0.5
265	12/21/2015 11:01:05	10.80	42.09	26.93	9.61	8.07	13.5	3.264	102.9	1.6	0.4
266	12/21/2015 11:16:06	10.79	41.80	26.73	9.62	8.06	14.1	3.113	102.8	1.4	0.3
267	12/21/2015 11:31:06	10.78	41.46	26.48	9.63	8.06	13.4	3.013	102.8	1.6	0.4
268	12/21/2015 11:46:06	10.74	41.14	26.26	9.66	8.05	17.7	2.877	102.9	2.1	0.5
269	12/21/2015 12:01:06	10.80	41.68	26.64	9.62	8.06	13.8	2.734	102.8	1.8	0.4
270	12/21/2015 12:16:06	10.71	40.94	26.11	9.65	8.04	17.3	2.634	102.6	1.9	0.4
271	12/21/2015 12:31:06	10.80	41.37	26.42	9.64	8.05	13.1	2.509	102.8	1.8	0.4
272	12/21/2015 12:46:06	10.79	41.24	26.33	9.64	8.05	15.5	2.391	102.8	1.7	0.4
273	12/21/2015 13:01:06	10.76	40.87	26.07	9.64	8.04	16.3	2.273	102.5	2.2	0.5
274	12/21/2015 13:16:06	10.76	40.69	25.94	9.67	8.04	15.5	2.169	102.8	2.2	0.5
275	12/21/2015 13:31:05	10.72	40.26	25.64	9.68	8.03	16.5	2.061	102.6	2.0	0.5
276	12/21/2015 13:46:06	10.76	40.23	25.62	9.68	8.03	15.5	1.960	102.7	1.8	0.4
277	12/21/2015 14:01:06	10.79	40.02	25.48	9.71	8.03	16.6	1.855	103.0	2.6	0.6
278	12/21/2015 14:16:06	10.74	39.62	25.19	9.72	8.02	18.4	1.813	102.8	2.4	0.6
279	12/21/2015 14:31:06	10.74	39.48	25.09	9.72	8.02	18.0	1.740	102.7	2.8	0.7
280	12/21/2015 14:46:06	10.70	39.27	24.94	9.72	8.01	18.6	1.693	102.5	2.5	0.6
281	12/21/2015 15:01:06	10.71	39.42	25.05	9.73	8.01	19.0	1.699	102.8	2.4	0.6
282	12/21/2015 15:16:06	10.63	39.58	25.16	9.71	8.01	18.4	1.703	102.4	1.5	0.4
283	12/21/2015 15:31:06	10.69	39.58	25.16	9.71	8.01	16.6	1.738	102.5	2.6	0.6
284	12/21/2015 15:46:06	10.69	39.58	25.16	9.72	8.01	15.4	1.794	102.6	2.4	0.6
285	12/21/2015 16:01:06	10.68	39.21	24.90	9.72	8.00	14.4	1.861	102.5	2.9	0.7
286	12/21/2015 16:16:06	10.65	38.41	24.34	9.72	7.99	15.3	1.959	102.0	2.2	0.5
287	12/21/2015 16:31:06	10.65	38.33	24.28	9.70	7.99	15.9	2.037	101.9	2.3	0.6
288	12/21/2015 16:46:06	10.65	38.56	24.45	9.69	7.99	14.8	2.139	101.8	2.0	0.5
289	12/21/2015 17:01:06	10.66	38.97	24.73	9.68	8.00	17.1	2.225	101.9	1.9	0.5
290	12/21/2015 17:16:06	10.68	39.56	25.15	9.66	8.00	17.8	2.302	102.0	2.4	0.6
291	12/21/2015 17:31:06	10.69	39.99	25.44	9.65	8.01	18.3	2.388	102.1	2.2	0.5
292	12/21/2015 17:46:06	10.67	39.82	25.33	9.65	8.01	18.5	2.497	102.0	1.8	0.4
293	12/21/2015 18:01:06	10.68	40.33	25.69	9.66	8.02	18.9	2.542	102.4	2.3	0.6
294	12/21/2015 18:16:06	10.67	40.40	25.73	9.66	8.02	18.3	2.632	102.4	1.7	0.4
295	12/21/2015 18:31:06	10.69	40.62	25.89	9.65	8.02	19.4	2.704	102.4	1.6	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	Fluorescence %FS
296	12/21/2015 18:46:06	10.70	40.73	25.97	9.63	8.02	19.1	2.789	102.3	2.2	0.5
297	12/21/2015 19:01:06	10.76	41.01	26.17	9.61	8.03	22.1	2.861	102.3	1.9	0.4
298	12/21/2015 19:16:06	10.78	41.26	26.34	9.61	8.03	23.4	2.926	102.5	1.9	0.5
299	12/21/2015 19:31:06	10.81	41.52	26.53	9.59	8.04	24.5	3.007	102.5	2.2	0.5
300	12/21/2015 19:46:06	10.83	41.71	26.66	9.61	8.04	21.3	3.085	102.8	2.1	0.5
301	12/21/2015 20:01:06	10.85	42.05	26.91	9.60	8.05	22.6	3.164	102.9	1.6	0.4
302	12/21/2015 20:16:06	10.91	42.81	27.45	9.58	8.06	27.6	3.235	103.1	2.7	0.6
303	12/21/2015 20:31:06	10.99	43.52	27.95	9.60	8.07	26.0	3.292	103.9	2.0	0.5
304	12/21/2015 20:46:06	11.04	43.87	28.20	9.61	8.08	22.8	3.322	104.3	1.6	0.4
305	12/21/2015 21:01:05	11.09	44.36	28.55	9.61	8.09	15.3	3.355	104.6	1.6	0.4
306	12/21/2015 21:16:06	11.07	44.18	28.43	9.52	8.08	12.5	3.387	103.5	1.8	0.4
307	12/21/2015 21:31:06	11.10	44.51	28.66	9.52	8.08	11.8	3.403	103.8	1.1	0.3
308	12/21/2015 21:46:06	11.10	44.54	28.68	9.57	8.08	17.8	3.344	104.3	1.3	0.3
309	12/21/2015 22:01:06	11.07	44.17	28.42	9.56	8.08	13.5	3.310	104.0	1.4	0.3
310	12/21/2015 22:16:05	11.02	43.71	28.09	9.54	8.08	14.2	3.290	103.4	1.4	0.3
311	12/21/2015 22:31:05	10.93	42.69	27.36	9.52	8.06	16.3	3.201	102.6	1.7	0.4
312	12/21/2015 22:46:06	10.84	41.69	26.65	9.54	8.04	17.6	3.121	102.0	2.0	0.5
313	12/21/2015 23:01:06	10.72	39.74	25.28	9.61	8.02	19.9	3.076	101.7	2.0	0.5
314	12/21/2015 23:16:06	10.70	39.91	25.39	9.59	8.02	12.9	2.999	101.5	1.7	0.4
315	12/21/2015 23:31:06	10.67	39.33	24.99	9.62	8.01	12.2	2.917	101.4	2.1	0.5
316	12/21/2015 23:46:06	10.66	38.55	24.44	9.62	8.00	15.5	2.838	101.1	2.0	0.5
317	12/22/2015 00:01:06	10.67	38.62	24.49	9.58	7.99	15.3	2.774	100.7	2.3	0.5
318	12/22/2015 00:16:06	10.72	40.07	25.51	9.55	8.01	13.8	2.716	101.2	2.6	0.6
319	12/22/2015 00:31:06	10.73	40.25	25.63	9.54	8.01	12.2	2.668	101.1	1.9	0.5
320	12/22/2015 00:46:06	10.73	40.23	25.62	9.52	8.01	11.8	2.585	101.0	1.6	0.4
321	12/22/2015 01:01:06	10.73	40.35	25.70	9.51	8.01	11.5	2.551	100.9	1.4	0.3
322	12/22/2015 01:16:06	10.69	39.65	25.21	9.51	8.00	10.1	2.486	100.5	1.9	0.4
323	12/22/2015 01:31:06	10.69	39.52	25.12	9.50	8.00	11.2	2.418	100.3	2.3	0.5
324	12/22/2015 01:46:06	10.69	39.54	25.13	9.49	8.00	11.4	2.426	100.2	2.0	0.5
325	12/22/2015 02:01:06	10.68	39.32	24.98	9.49	7.99	10.5	2.419	100.1	2.4	0.6
326	12/22/2015 02:16:06	10.68	39.25	24.93	9.47	7.99	10.0	2.419	99.9	2.0	0.5
327	12/22/2015 02:31:06	10.67	39.05	24.79	9.48	7.99	10.1	2.403	99.9	1.9	0.4
328	12/22/2015 02:46:06	10.67	38.84	24.64	9.55	7.99	11.4	2.434	100.5	2.0	0.5
329	12/22/2015 03:01:05	10.67	38.91	24.69	9.57	7.99	11.7	2.440	100.8	1.9	0.5
330	12/22/2015 03:16:06	10.71	39.80	25.31	9.54	8.00	11.5	2.466	100.9	2.5	0.6
331	12/22/2015 03:31:06	10.73	40.13	25.55	9.55	8.01	12.7	2.539	101.3	2.3	0.5
332	12/22/2015 03:46:05	10.73	40.08	25.51	9.54	8.01	17.2	2.585	101.1	2.4	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	Fluorescence %FS
333	12/22/2015 04:01:06	10.72	39.35	25.00	9.56	8.00	19.5	2.678	100.9	2.2	0.5
334	12/22/2015 04:16:06	10.74	39.48	25.09	9.59	8.00	17.2	2.721	101.3	2.2	0.5
335	12/22/2015 04:31:06	10.79	38.97	24.73	9.65	8.00	14.7	2.792	101.8	2.2	0.5
336	12/22/2015 04:46:06	10.76	38.07	24.11	9.69	8.00	19.9	2.886	101.9	3.1	0.7
337	12/22/2015 05:01:06	10.79	38.71	24.55	9.68	8.00	20.2	2.969	102.1	2.6	0.6
338	12/22/2015 05:16:05	10.82	39.37	25.02	9.68	8.02	17.0	3.060	102.5	2.5	0.6
339	12/22/2015 05:31:06	10.87	41.03	26.19	9.66	8.03	17.5	3.183	103.1	1.9	0.5
340	12/22/2015 05:46:05	10.96	41.57	26.57	9.65	8.05	23.6	3.308	103.5	2.2	0.5
341	12/22/2015 06:01:06	11.02	42.40	27.16	9.65	8.06	26.4	3.395	104.0	2.1	0.5
342	12/22/2015 06:16:06	11.11	43.21	27.73	9.66	8.08	32.6	3.475	104.7	2.2	0.5
343	12/22/2015 06:31:05	11.17	44.00	28.30	9.68	8.09	31.8	3.594	105.4	1.8	0.4
344	12/22/2015 06:46:05	11.23	43.96	28.27	9.69	8.10	29.1	3.696	105.6	2.2	0.5
345	12/22/2015 07:01:06	11.30	44.43	28.61	9.69	8.10	58.9	3.806	106.0	2.9	0.7
346	12/22/2015 07:16:06	11.39	44.97	29.00	9.71	8.12	45.1	3.895	106.7	2.5	0.6
347	12/22/2015 07:31:06	11.34	44.29	28.52	9.77	8.11	25.6	3.993	107.0	2.3	0.5
348	12/22/2015 07:46:06	11.48	45.88	29.66	9.76	8.13	28.9	4.080	107.9	1.6	0.4
349	12/22/2015 08:01:06	11.51	46.19	29.88	9.82	8.13	28.3	4.135	108.8	1.8	0.4
350	12/22/2015 08:16:06	11.52	46.29	29.95	9.81	8.13	16.9	4.184	108.8	1.7	0.4
351	12/22/2015 08:31:06	11.57	46.73	30.27	9.86	8.14	16.5	4.245	109.7	1.4	0.3
352	12/22/2015 08:46:06	11.58	46.84	30.35	9.79	8.14	8.9	4.252	109.0	1.4	0.3
353	12/22/2015 09:01:06	11.57	46.75	30.29	9.78	8.14	13.2	4.262	108.7	1.1	0.3
354	12/22/2015 09:16:06	11.58	46.86	30.37	9.82	8.14	14.2	4.228	109.2	1.1	0.3
355	12/22/2015 09:31:06	11.35	44.71	28.82	9.79	8.12	12.7	4.185	107.4	1.2	0.3
356	12/22/2015 09:46:06	11.26	43.54	27.98	9.68	8.09	19.5	4.106	105.4	2.3	0.5
357	12/22/2015 10:01:06	11.12	41.61	26.60	9.69	8.07	13.2	4.040	104.3	2.3	0.6
358	12/22/2015 10:16:06	11.16	42.17	27.01	9.68	8.08	16.2	3.931	104.6	1.5	0.4
359	12/22/2015 10:31:06	11.20	41.14	26.28	9.70	8.08	19.3	3.830	104.4	2.4	0.6
360	12/22/2015 10:46:06	11.21	41.89	26.80	9.66	8.08	20.7	3.721	104.3	2.3	0.5
361	12/22/2015 11:01:05	11.11	39.81	25.34	9.68	8.04	15.5	3.612	103.3	2.1	0.5
362	12/22/2015 11:16:05	11.07	39.10	24.84	9.65	8.02	12.6	3.510	102.6	2.4	0.6
363	12/22/2015 11:31:05	11.12	40.78	26.02	9.66	8.05	18.1	3.379	103.6	2.3	0.6
364	12/22/2015 11:46:05	11.07	40.82	26.05	9.64	8.05	27.0	3.269	103.3	2.0	0.5
365	12/22/2015 12:01:06	11.01	40.60	25.89	9.63	8.04	26.7	3.116	102.9	2.1	0.5
366	12/22/2015 12:16:06	10.98	40.30	25.68	9.61	8.03	32.1	2.976	102.5	2.5	0.6
367	12/22/2015 12:31:06	11.04	39.58	25.17	9.61	8.02	26.3	2.852	102.3	2.3	0.6
368	12/22/2015 12:46:05	11.02	39.56	25.16	9.62	8.02	24.5	2.718	102.3	2.2	0.5
369	12/22/2015 13:01:05	11.13	39.30	24.98	9.64	8.02	16.9	2.598	102.7	1.8	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	Fluorescence %FS
370	12/22/2015 13:16:05	11.16	39.27	24.96	9.65	8.01	14.4	2.449	102.8	1.5	0.4
371	12/22/2015 13:31:06	11.15	39.05	24.81	9.67	8.01	15.9	2.309	103.0	2.1	0.5
372	12/22/2015 13:46:06	11.10	38.75	24.60	9.66	8.00	17.5	2.186	102.6	2.3	0.6
373	12/22/2015 14:01:06	11.09	38.38	24.34	9.66	7.99	20.9	2.046	102.4	1.9	0.5
374	12/22/2015 14:16:06	11.11	38.17	24.19	9.69	7.99	20.0	1.893	102.7	2.2	0.5
375	12/22/2015 14:31:06	11.14	37.99	24.07	9.67	7.98	19.5	1.779	102.4	3.0	0.7
376	12/22/2015 14:46:06	11.10	37.83	23.95	9.68	7.98	19.6	1.684	102.4	3.0	0.7
377	12/22/2015 15:01:05	11.16	37.75	23.90	9.68	7.98	33.9	1.577	102.5	2.9	0.7
378	12/22/2015 15:16:06	11.16	37.69	23.86	9.67	7.98	28.1	1.503	102.3	2.6	0.6
379	12/22/2015 15:31:06	11.15	37.57	23.78	9.61	7.97	32.6	1.493	101.7	2.7	0.6
380	12/22/2015 15:46:06	11.06	37.71	23.87	9.61	7.97	22.0	1.454	101.5	2.6	0.6
381	12/22/2015 16:01:06	11.03	37.83	23.95	9.64	7.97	18.9	1.474	101.9	2.4	0.6
382	12/22/2015 16:16:05	11.03	37.86	23.97	9.65	7.98	16.7	1.494	101.9	2.4	0.6
383	12/22/2015 16:31:06	11.05	37.90	24.00	9.65	7.97	20.5	1.545	102.0	2.8	0.7
384	12/22/2015 16:46:06	11.08	37.48	23.71	9.68	7.97	20.6	1.622	102.2	2.7	0.6
385	12/22/2015 17:01:06	11.08	37.61	23.80	9.67	7.97	21.3	1.727	102.2	2.8	0.7
386	12/22/2015 17:16:06	11.07	37.50	23.72	9.66	7.96	20.3	1.855	102.0	2.5	0.6
387	12/22/2015 17:31:06	11.06	36.88	23.29	9.68	7.96	30.0	1.935	101.9	2.3	0.5
388	12/22/2015 17:46:05	11.07	36.80	23.24	9.68	7.96	21.7	2.046	101.9	2.9	0.7
389	12/22/2015 18:01:06	11.06	37.42	23.66	9.65	7.96	22.1	2.151	101.8	2.0	0.5
390	12/22/2015 18:16:06	11.05	37.55	23.76	9.64	7.97	22.9	2.235	101.7	2.2	0.5
391	12/22/2015 18:31:06	11.06	38.17	24.19	9.64	7.98	23.0	2.319	102.0	2.6	0.6
392	12/22/2015 18:46:05	11.06	37.69	23.85	9.67	7.98	17.4	2.433	102.1	2.6	0.6
393	12/22/2015 19:01:06	11.04	37.75	23.89	9.72	7.98	20.6	2.509	102.6	2.8	0.7
394	12/22/2015 19:16:06	11.03	37.79	23.93	9.72	7.99	22.6	2.616	102.7	2.1	0.5
395	12/22/2015 19:31:06	11.01	37.13	23.46	9.76	7.99	23.5	2.703	102.7	2.8	0.7
396	12/22/2015 19:46:06	10.99	37.35	23.61	9.77	7.99	20.0	2.782	102.9	2.3	0.5
397	12/22/2015 20:01:06	11.03	38.88	24.68	9.67	8.00	18.6	2.865	102.7	2.0	0.5
398	12/22/2015 20:16:06	11.04	39.32	24.99	9.65	8.01	20.5	2.947	102.6	2.7	0.6
399	12/22/2015 20:31:06	11.07	39.47	25.10	9.65	8.01	30.8	3.037	102.7	2.8	0.7
400	12/22/2015 20:46:06	11.12	39.73	25.28	9.67	8.02	46.0	3.116	103.2	3.1	0.7
401	12/22/2015 21:01:05	11.17	40.28	25.67	9.71	8.04	52.2	3.207	104.0	2.8	0.7
402	12/22/2015 21:16:05	11.25	41.12	26.26	9.76	8.06	48.1	3.261	105.1	3.3	0.8
403	12/22/2015 21:31:06	11.29	41.48	26.52	9.83	8.06	33.3	3.348	106.1	2.8	0.7
404	12/22/2015 21:46:06	11.23	41.41	26.47	9.88	8.07	15.3	3.404	106.5	1.7	0.4
405	12/22/2015 22:01:06	11.31	41.91	26.82	9.84	8.07	15.9	3.417	106.5	2.5	0.6
406	12/22/2015 22:16:06	11.33	42.08	26.94	9.86	8.08	15.9	3.481	106.8	1.9	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	Fluorescence %FS
407	12/22/2015 22:31:06	11.35	42.18	27.02	9.81	8.08	11.4	3.473	106.4	1.8	0.4
408	12/22/2015 22:46:06	11.35	42.11	26.97	9.86	8.08	16.0	3.460	106.9	2.1	0.5
409	12/22/2015 23:01:06	11.29	41.75	26.71	9.85	8.07	22.6	3.433	106.5	2.4	0.6
410	12/22/2015 23:16:06	11.06	40.81	26.04	9.82	8.05	42.9	3.376	105.1	3.6	0.9
411	12/22/2015 23:31:05	11.00	40.03	25.49	9.90	8.05	27.2	3.301	105.5	2.5	0.6
412	12/22/2015 23:46:06	11.02	40.65	25.93	9.84	8.05	28.6	3.237	105.2	2.1	0.5
413	12/23/2015 00:01:06	10.99	40.25	25.64	9.80	8.04	25.7	3.153	104.5	2.9	0.7
414	12/23/2015 00:16:05	10.89	39.36	25.01	9.78	8.03	25.0	3.070	103.7	2.9	0.7
415	12/23/2015 00:31:06	10.86	39.05	24.80	9.73	8.01	27.2	3.000	102.9	2.4	0.6
416	12/23/2015 00:46:06	10.80	38.58	24.46	9.72	8.00	26.9	2.917	102.5	3.1	0.7
417	12/23/2015 01:01:06	10.72	37.57	23.76	9.80	7.99	26.3	2.829	102.6	2.7	0.6
418	12/23/2015 01:16:06	10.67	37.40	23.64	9.79	7.98	25.8	2.781	102.3	3.3	0.8
419	12/23/2015 01:31:06	10.69	38.06	24.10	9.76	7.99	22.7	2.715	102.4	2.6	0.6
420	12/23/2015 01:46:05	10.64	37.14	23.46	9.80	7.98	25.1	2.659	102.3	3.0	0.7
421	12/23/2015 02:01:06	10.58	37.30	23.57	9.77	7.98	22.2	2.606	101.9	2.6	0.6
422	12/23/2015 02:16:06	10.63	37.12	23.44	9.77	7.97	24.7	2.521	101.9	3.1	0.7
423	12/23/2015 02:31:06	10.59	37.47	23.69	9.75	7.98	23.4	2.493	101.8	2.8	0.7
424	12/23/2015 02:46:06	10.61	37.03	23.38	9.76	7.97	24.3	2.472	101.7	2.6	0.6
425	12/23/2015 03:01:06	10.63	36.97	23.33	9.75	7.97	23.9	2.405	101.7	3.1	0.7
426	12/23/2015 03:16:06	10.63	36.88	23.28	9.71	7.97	19.2	2.393	101.2	3.1	0.7
427	12/23/2015 03:31:06	10.60	36.91	23.30	9.78	7.97	22.9	2.374	101.9	2.7	0.6
428	12/23/2015 03:46:06	10.60	36.73	23.17	9.81	7.97	22.7	2.407	102.1	2.9	0.7
429	12/23/2015 04:01:06	10.68	36.94	23.32	9.77	7.97	21.9	2.425	102.0	3.2	0.8
430	12/23/2015 04:16:06	10.68	36.91	23.29	9.78	7.97	24.0	2.444	102.1	3.1	0.7
431	12/23/2015 04:31:06	10.69	36.90	23.29	9.78	7.97	23.0	2.516	102.1	2.8	0.7
432	12/23/2015 04:46:05	10.70	36.97	23.34	9.76	7.97	35.6	2.589	102.0	2.9	0.7
433	12/23/2015 05:01:06	10.76	37.09	23.42	9.77	7.97	28.8	2.649	102.3	3.2	0.8
434	12/23/2015 05:16:06	10.82	37.76	23.89	9.77	7.99	25.5	2.763	102.6	2.7	0.6
435	12/23/2015 05:31:06	10.81	37.05	23.40	9.83	7.99	24.7	2.831	103.0	3.3	0.8
436	12/23/2015 05:46:06	10.91	38.40	24.35	9.81	8.01	30.4	2.917	103.6	2.9	0.7
437	12/23/2015 06:01:06	10.99	39.50	25.11	9.81	8.03	37.1	3.019	104.3	3.1	0.7
438	12/23/2015 06:16:06	11.04	40.06	25.51	9.84	8.05	43.0	3.136	104.9	3.1	0.7
439	12/23/2015 06:31:06	11.13	40.66	25.94	9.85	8.07	55.1	3.241	105.6	3.5	0.8
440	12/23/2015 06:46:06	11.18	40.96	26.15	9.87	8.07	52.1	3.320	106.0	3.0	0.7
441	12/23/2015 07:01:05	11.19	40.99	26.17	9.89	8.09	34.6	3.449	106.3	3.1	0.7
442	12/23/2015 07:16:05	11.21	40.91	26.12	9.94	8.10	42.4	3.544	106.9	2.9	0.7
443	12/23/2015 07:31:06	11.21	41.08	26.24	9.96	8.10	33.0	3.650	107.2	3.0	0.7

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	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
444	12/23/2015 07:46:06	11.23	41.34	26.42	10.00	8.11	29.9	3.741	107.7	2.2	0.5
445	12/23/2015 08:01:06	11.27	41.62	26.61	10.00	8.12	31.4	3.861	108.0	2.8	0.7
446	12/23/2015 08:16:06	11.32	42.09	26.95	10.07	8.13	31.2	3.942	109.0	2.1	0.5
447	12/23/2015 08:31:06	11.38	42.59	27.31	10.12	8.14	29.0	4.018	110.0	2.4	0.6
448	12/23/2015 08:46:05	11.42	43.29	27.81	10.15	8.15	28.6	4.122	110.8	1.8	0.4
449	12/23/2015 09:01:05	11.44	43.83	28.19	10.14	8.15	21.4	4.172	111.0	1.7	0.4
450	12/23/2015 09:16:06	11.45	44.02	28.33	10.14	8.15	19.7	4.223	111.1	1.9	0.5
451	12/23/2015 09:31:06	11.45	44.17	28.43	10.13	8.15	17.0	4.250	111.0	1.8	0.4
452	12/23/2015 09:46:06	11.46	44.33	28.55	10.02	8.15	12.2	4.246	109.9	1.6	0.4
453	12/23/2015 10:01:06	11.45	44.14	28.41	10.07	8.15	17.3	4.245	110.4	1.1	0.3
454	12/23/2015 10:16:06	11.22	41.43	26.48	10.03	8.11	13.5	4.226	108.1	2.1	0.5
455	12/23/2015 10:31:06	11.44	44.20	28.46	10.09	8.15	18.0	4.147	110.7	1.4	0.3
456	12/23/2015 10:46:05	11.43	43.88	28.23	10.09	8.15	17.3	4.084	110.4	1.5	0.4
457	12/23/2015 11:01:06	11.38	43.15	27.71	10.05	8.14	18.1	3.984	109.5	1.8	0.4
458	12/23/2015 11:16:06	11.24	41.62	26.62	10.01	8.12	18.4	3.860	108.1	2.0	0.5
459	12/23/2015 11:31:06	11.21	40.79	26.03	9.99	8.10	19.5	3.777	107.3	1.7	0.4
460	12/23/2015 11:46:06	11.12	39.30	24.98	10.00	8.08	19.6	3.648	106.5	2.0	0.5
461	12/23/2015 12:01:06	11.14	39.93	25.42	9.95	8.08	22.5	3.501	106.3	2.1	0.5
462	12/23/2015 12:16:06	11.05	38.84	24.66	9.95	8.06	23.2	3.414	105.6	2.7	0.6
463	12/23/2015 12:31:06	11.02	38.50	24.42	9.94	8.05	20.7	3.269	105.3	2.5	0.6
464	12/23/2015 12:46:06	11.00	38.46	24.39	9.93	8.05	25.4	3.131	105.1	2.3	0.6
465	12/23/2015 13:01:06	11.00	38.95	24.73	9.88	8.05	31.6	2.986	104.8	2.8	0.7
466	12/23/2015 13:16:06	10.97	38.45	24.38	9.87	8.03	32.5	2.838	104.4	2.4	0.6
467	12/23/2015 13:31:05	10.97	38.09	24.13	9.86	8.03	31.1	2.698	104.2	2.8	0.7
468	12/23/2015 13:46:05	10.97	37.82	23.94	9.89	8.02	20.1	2.576	104.3	2.2	0.5
469	12/23/2015 14:01:06	11.00	38.04	24.09	9.87	8.02	17.3	2.418	104.3	1.8	0.4
470	12/23/2015 14:16:05	10.98	38.07	24.12	9.87	8.03	18.9	2.299	104.3	2.2	0.5
471	12/23/2015 14:31:06	10.91	37.91	24.00	9.85	8.01	22.7	2.147	103.8	3.0	0.7
472	12/23/2015 14:46:06	10.84	37.60	23.79	9.86	8.00	25.1	1.974	103.6	2.7	0.6
473	12/23/2015 15:01:06	10.78	37.21	23.51	9.86	7.99	29.9	1.834	103.3	3.6	0.8
474	12/23/2015 15:16:06	10.73	36.93	23.31	9.83	7.98	27.8	1.694	102.8	2.8	0.7
475	12/23/2015 15:31:06	10.69	36.68	23.14	9.82	7.97	26.9	1.555	102.4	3.0	0.7
476	12/23/2015 15:46:06	10.66	36.41	22.95	9.82	7.96	42.7	1.467	102.3	3.7	0.9
477	12/23/2015 16:01:05	10.64	36.31	22.88	9.82	7.96	41.9	1.381	102.1	3.9	0.9
478	12/23/2015 16:16:06	10.63	36.25	22.84	9.81	7.96	36.3	1.299	102.0	3.6	0.9
479	12/23/2015 16:31:06	10.61	36.13	22.76	9.77	7.95	24.4	1.279	101.5	3.7	0.9
480	12/23/2015 16:46:05	10.66	36.47	22.99	9.82	7.96	30.2	1.316	102.2	3.4	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	Fluorescence %FS
481	12/23/2015 17:01:06	10.65	36.50	23.01	9.83	7.96	29.5	1.318	102.4	2.9	0.7
482	12/23/2015 17:16:06	10.64	36.63	23.10	9.84	7.97	30.0	1.371	102.4	3.8	0.9
483	12/23/2015 17:31:06	10.67	36.45	22.98	9.85	7.96	25.1	1.498	102.5	2.9	0.7
484	12/23/2015 17:46:06	10.69	35.41	22.26	9.88	7.95	29.1	1.603	102.5	3.5	0.8
485	12/23/2015 18:01:06	10.70	34.77	21.82	9.91	7.94	25.6	1.723	102.5	2.9	0.7
486	12/23/2015 18:16:06	10.72	35.02	21.99	9.91	7.95	25.0	1.812	102.6	3.6	0.8
487	12/23/2015 18:31:06	10.73	34.64	21.73	9.93	7.94	28.0	1.937	102.7	3.7	0.9
488	12/23/2015 18:46:06	10.79	36.21	22.82	9.88	7.97	28.7	2.044	103.1	3.5	0.8
489	12/23/2015 19:01:06	10.82	36.61	23.09	9.90	7.98	26.1	2.112	103.5	3.1	0.7
490	12/23/2015 19:16:05	10.85	36.82	23.24	9.91	8.00	24.3	2.266	103.7	2.4	0.6
491	12/23/2015 19:31:05	10.84	36.99	23.36	9.92	8.00	20.6	2.374	103.9	3.0	0.7
492	12/23/2015 19:46:05	10.78	36.90	23.30	9.92	7.99	22.8	2.436	103.7	3.1	0.7
493	12/23/2015 20:01:06	10.78	37.14	23.46	9.91	7.99	24.2	2.536	103.8	3.1	0.7
494	12/23/2015 20:16:06	10.82	37.30	23.57	9.91	8.00	25.8	2.644	103.9	2.3	0.6
495	12/23/2015 20:31:06	10.86	37.50	23.71	9.92	8.01	30.7	2.734	104.2	3.1	0.7
496	12/23/2015 20:46:06	10.87	37.71	23.86	9.93	8.02	39.6	2.848	104.5	3.5	0.8
497	12/23/2015 21:01:06	10.85	37.77	23.90	9.96	8.02	33.2	2.954	104.7	2.9	0.7
498	12/23/2015 21:16:06	10.90	38.51	24.42	9.99	8.04	30.5	3.027	105.5	2.6	0.6
499	12/23/2015 21:31:06	10.92	39.04	24.79	10.08	8.05	32.2	3.141	106.8	2.8	0.7
500	12/23/2015 21:46:06	10.96	39.81	25.33	10.10	8.06	29.7	3.223	107.5	2.9	0.7
501	12/23/2015 22:01:06	11.01	40.39	25.74	10.12	8.07	31.3	3.304	108.1	2.7	0.6
502	12/23/2015 22:16:06	11.13	41.96	26.85	10.19	8.09	37.9	3.376	109.9	2.3	0.5
503	12/23/2015 22:31:06	11.19	42.80	27.45	10.22	8.10	32.1	3.439	110.7	2.4	0.6
504	12/23/2015 22:46:05	11.25	43.52	27.96	10.26	8.11	26.3	3.490	111.7	1.6	0.4
505	12/23/2015 23:01:06	11.29	43.92	28.25	10.25	8.12	22.7	3.527	111.9	2.0	0.5
506	12/23/2015 23:16:06	11.30	44.09	28.37	10.23	8.12	22.7	3.597	111.8	1.3	0.3
507	12/23/2015 23:31:06	11.31	44.16	28.42	10.19	8.12	15.8	3.634	111.4	1.1	0.3
508	12/23/2015 23:46:06	11.27	43.79	28.16	10.23	8.12	17.7	3.583	111.6	1.6	0.4
509	12/24/2015 00:01:06	11.24	43.50	27.95	10.19	8.11	17.3	3.551	110.9	1.9	0.4
510	12/24/2015 00:16:06	11.22	43.10	27.66	10.20	8.11	18.6	3.450	110.7	2.0	0.5
511	12/24/2015 00:31:06	10.83	40.35	25.71	10.24	8.08	20.9	3.398	108.9	2.4	0.6
512	12/24/2015 00:46:06	10.91	40.49	25.81	10.10	8.07	22.8	3.314	107.6	2.0	0.5
513	12/24/2015 01:01:06	10.90	40.13	25.55	10.06	8.07	24.5	3.235	107.0	3.0	0.7
514	12/24/2015 01:16:06	10.77	39.28	24.95	10.00	8.05	16.1	3.160	105.7	2.2	0.5
515	12/24/2015 01:31:06	10.75	39.15	24.86	10.00	8.05	16.6	3.047	105.6	2.1	0.5
516	12/24/2015 01:46:06	10.68	38.62	24.49	10.03	8.04	14.9	2.942	105.4	2.1	0.5
517	12/24/2015 02:01:06	10.61	38.10	24.12	10.02	8.03	13.8	2.899	105.0	2.2	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	Fluorescence %FS
518	12/24/2015 02:16:06	10.57	37.93	24.00	10.03	8.03	14.2	2.803	104.8	2.2	0.5
519	12/24/2015 02:31:06	10.53	37.85	23.95	10.02	8.03	14.5	2.744	104.7	2.0	0.5
520	12/24/2015 02:46:06	10.49	37.56	23.74	10.01	8.02	14.0	2.672	104.4	2.5	0.6
521	12/24/2015 03:01:06	10.44	37.23	23.51	10.03	8.02	14.1	2.664	104.3	2.2	0.5
522	12/24/2015 03:16:06	10.44	37.39	23.62	10.01	8.02	14.7	2.604	104.2	2.6	0.6
523	12/24/2015 03:31:06	10.44	37.43	23.65	10.00	8.01	15.2	2.526	104.1	2.5	0.6
524	12/24/2015 03:46:06	10.34	37.26	23.53	9.99	8.01	15.8	2.493	103.6	3.0	0.7
525	12/24/2015 04:01:06	10.38	36.75	23.18	9.97	8.00	14.7	2.469	103.3	2.5	0.6
526	12/24/2015 04:16:06	10.39	36.51	23.01	9.93	7.99	12.3	2.428	102.8	2.6	0.6
527	12/24/2015 04:31:06	10.41	36.61	23.08	9.94	7.99	13.3	2.457	103.0	2.7	0.6
528	12/24/2015 04:46:06	10.45	37.05	23.39	9.99	8.01	13.4	2.445	103.8	2.6	0.6
529	12/24/2015 05:01:06	10.47	36.96	23.32	9.98	8.00	12.2	2.504	103.7	2.4	0.6
530	12/24/2015 05:16:06	10.52	37.20	23.49	9.96	8.01	13.7	2.540	103.7	2.2	0.5
531	12/24/2015 05:31:06	10.55	37.30	23.56	10.01	8.01	16.7	2.605	104.4	2.2	0.5
532	12/24/2015 05:46:06	10.41	36.46	22.97	10.01	7.99	26.0	2.658	103.6	2.9	0.7
533	12/24/2015 06:01:06	10.41	36.41	22.94	10.02	7.99	20.0	2.733	103.7	2.7	0.6
534	12/24/2015 06:16:06	10.47	37.21	23.50	10.04	8.01	15.6	2.841	104.5	2.4	0.6
535	12/24/2015 06:31:06	10.59	38.26	24.23	10.03	8.03	14.9	2.934	105.1	2.5	0.6
536	12/24/2015 06:46:06	10.59	38.77	24.59	10.06	8.04	16.5	3.042	105.7	2.1	0.5
537	12/24/2015 07:01:06	10.61	39.02	24.77	10.14	8.05	15.6	3.133	106.7	2.3	0.5
538	12/24/2015 07:16:06	10.63	39.15	24.86	10.19	8.06	17.8	3.273	107.3	2.0	0.5
539	12/24/2015 07:31:06	11.01	42.07	26.93	10.20	8.10	33.3	3.364	109.7	2.3	0.5
540	12/24/2015 07:46:06	11.07	42.52	27.25	10.25	8.10	30.3	3.461	110.6	2.4	0.6
541	12/24/2015 08:01:06	11.07	42.68	27.36	10.27	8.11	36.6	3.611	110.9	1.8	0.4
542	12/24/2015 08:16:06	10.98	42.70	27.37	10.28	8.11	29.7	3.717	110.9	2.6	0.6
543	12/24/2015 08:31:06	10.99	43.16	27.70	10.30	8.12	29.2	3.828	111.3	2.1	0.5
544	12/24/2015 08:46:06	11.04	43.66	28.05	10.37	8.13	27.8	3.953	112.4	1.7	0.4
545	12/24/2015 09:01:06	11.08	44.07	28.34	10.42	8.13	26.8	4.024	113.3	1.4	0.3
546	12/24/2015 09:16:06	11.12	44.46	28.62	10.43	8.14	25.8	4.107	113.7	1.5	0.4
547	12/24/2015 09:31:06	11.15	44.62	28.74	10.44	8.15	24.3	4.182	113.9	2.1	0.5
548	12/24/2015 09:46:06	11.17	44.76	28.84	10.44	8.15	24.1	4.240	114.1	1.7	0.4
549	12/24/2015 10:01:06	11.19	44.93	28.96	10.45	8.15	20.0	4.319	114.4	1.4	0.3
550	12/24/2015 10:16:06	11.20	44.90	28.95	10.45	8.15	18.8	4.344	114.4	1.4	0.3
551	12/24/2015 10:31:06	11.21	44.96	28.99	10.37	8.15	14.2	4.344	113.5	1.1	0.3
552	12/24/2015 10:46:06	11.19	44.91	28.95	10.44	8.15	19.5	4.333	114.2	1.7	0.4
553	12/24/2015 11:01:06	11.18	44.85	28.91	10.44	8.15	21.3	4.304	114.2	1.3	0.3
554	12/24/2015 11:16:06	11.06	44.37	28.56	10.39	8.14	21.4	4.219	113.1	1.4	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	Fluorescence %FS
555	12/24/2015 11:31:06	11.00	44.08	28.35	10.35	8.14	18.3	4.149	112.3	1.5	0.4
556	12/24/2015 11:46:06	11.00	43.62	28.03	10.33	8.13	15.3	4.035	111.8	1.3	0.3
557	12/24/2015 12:01:06	10.92	42.92	27.52	10.27	8.12	15.9	3.913	110.7	1.4	0.3
558	12/24/2015 12:16:07	10.84	42.39	27.14	10.23	8.11	19.1	3.814	109.8	1.4	0.3
559	12/24/2015 12:31:06	10.70	41.37	26.42	10.21	8.09	18.7	3.660	108.8	1.9	0.5
560	12/24/2015 12:46:07	10.69	41.21	26.30	10.20	8.09	19.0	3.558	108.5	1.5	0.4
561	12/24/2015 13:01:06	10.72	41.35	26.41	10.19	8.09	18.5	3.441	108.6	1.9	0.5
562	12/24/2015 13:16:06	10.54	40.11	25.53	10.18	8.07	22.0	3.291	107.5	2.2	0.5
563	12/24/2015 13:31:06	10.57	40.18	25.58	10.19	8.08	21.0	3.135	107.6	2.3	0.5
564	12/24/2015 13:46:06	10.63	40.53	25.82	10.15	8.08	21.3	3.009	107.5	2.2	0.5
565	12/24/2015 14:01:06	10.52	39.15	24.85	10.16	8.06	23.9	2.861	106.8	2.7	0.6
566	12/24/2015 14:16:06	10.49	38.73	24.56	10.14	8.04	27.6	2.713	106.2	2.6	0.6
567	12/24/2015 14:31:06	10.40	38.12	24.13	10.17	8.03	31.4	2.567	106.0	3.2	0.8
568	12/24/2015 14:46:06	10.22	37.46	23.66	10.21	8.02	40.1	2.419	105.8	3.4	0.8
569	12/24/2015 15:01:06	10.13	37.38	23.60	10.23	8.02	43.2	2.271	105.7	3.5	0.8
570	12/24/2015 15:16:06	10.02	37.24	23.50	10.22	8.01	59.8	2.109	105.2	3.9	0.9
571	12/24/2015 15:31:05	10.00	36.82	23.21	10.23	8.00	72.2	1.987	105.1	4.6	1.1
572	12/24/2015 15:46:06	9.95	36.95	23.29	10.23	8.00	71.1	1.836	105.1	4.0	0.9
573	12/24/2015 16:01:06	9.80	36.41	22.92	10.29	7.99	73.1	1.678	105.1	4.7	1.1
574	12/24/2015 16:16:06	9.66	35.76	22.46	10.32	7.97	77.6	1.511	104.7	4.8	1.1
575	12/24/2015 16:31:06	9.57	35.23	22.09	10.37	7.96	77.2	1.421	104.7	5.3	1.3
576	12/24/2015 16:46:06	9.47	34.79	21.79	10.42	7.95	73.6	1.314	104.8	4.8	1.1
577	12/24/2015 17:01:06	9.41	34.62	21.67	10.44	7.95	76.3	1.197	104.8	4.9	1.2
578	12/24/2015 17:16:06	9.39	34.59	21.65	10.39	7.95	54.6	1.152	104.3	4.5	1.1
579	12/24/2015 17:31:06	9.40	34.70	21.72	10.45	7.95	61.0	1.146	105.0	4.5	1.1
580	12/24/2015 17:46:06	9.41	34.79	21.78	10.46	7.95	42.4	1.153	105.1	3.8	0.9
581	12/24/2015 18:01:06	9.36	34.68	21.71	10.49	7.95	36.9	1.257	105.3	3.6	0.9
582	12/24/2015 18:16:06	9.39	34.69	21.71	10.49	7.95	39.5	1.353	105.3	4.0	1.0
583	12/24/2015 18:31:06	9.42	33.74	21.07	10.53	7.94	42.7	1.439	105.3	4.0	0.9
584	12/24/2015 18:46:06	9.52	33.46	20.88	10.50	7.93	48.4	1.585	105.2	3.9	0.9
585	12/24/2015 19:01:06	9.58	33.43	20.86	10.45	7.93	45.1	1.671	104.8	4.0	1.0
586	12/24/2015 19:16:06	9.62	34.08	21.31	10.42	7.94	45.8	1.780	104.9	3.8	0.9
587	12/24/2015 19:31:06	9.78	34.15	21.36	10.36	7.94	57.1	1.902	104.7	4.2	1.0
588	12/24/2015 19:46:06	9.94	35.01	21.96	10.31	7.97	55.1	2.006	105.0	4.3	1.0
589	12/24/2015 20:01:06	10.05	36.02	22.66	10.28	7.98	43.9	2.116	105.3	3.9	0.9
590	12/24/2015 20:16:06	10.11	36.75	23.16	10.24	8.00	48.7	2.250	105.4	4.3	1.0
591	12/24/2015 20:31:06	10.13	37.06	23.38	10.24	8.00	47.7	2.361	105.7	3.1	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	Fluorescence %FS
592	12/24/2015 20:46:06	10.16	37.45	23.65	10.24	8.01	48.7	2.466	105.9	3.4	0.8
593	12/24/2015 21:01:06	10.18	37.49	23.68	10.24	8.01	50.7	2.580	105.9	3.7	0.9
594	12/24/2015 21:16:06	10.20	37.54	23.71	10.24	8.01	55.2	2.662	106.0	3.8	0.9
595	12/24/2015 21:31:06	10.21	37.58	23.75	10.26	8.02	56.4	2.765	106.3	4.2	1.0
596	12/24/2015 21:46:06	10.23	38.00	24.04	10.29	8.03	52.3	2.891	106.8	3.5	0.8
597	12/24/2015 22:01:07	10.30	38.72	24.54	10.28	8.04	40.8	3.018	107.2	3.0	0.7
598	12/24/2015 22:16:06	10.41	40.01	25.45	10.46	8.07	43.0	3.104	110.0	3.3	0.8
599	12/24/2015 22:31:07	10.49	40.90	26.08	10.52	8.08	38.0	3.208	111.3	2.9	0.7
600	12/24/2015 22:46:06	10.58	41.75	26.68	10.57	8.11	37.5	3.297	112.5	2.6	0.6
601	12/24/2015 23:01:06	10.69	42.59	27.28	10.63	8.12	37.2	3.359	113.8	2.6	0.6
602	12/24/2015 23:16:06	10.72	42.83	27.45	10.64	8.12	33.0	3.472	114.1	2.7	0.6
603	12/24/2015 23:31:06	10.80	43.33	27.81	10.65	8.13	31.6	3.528	114.6	1.7	0.4
604	12/24/2015 23:46:06	10.85	43.61	28.01	10.63	8.14	26.9	3.581	114.7	1.5	0.4
605	12/25/2015 00:01:06	10.88	43.79	28.14	10.58	8.14	24.5	3.630	114.4	2.2	0.5
606	12/25/2015 00:16:06	10.89	43.79	28.14	10.52	8.14	17.8	3.635	113.7	2.0	0.5
607	12/25/2015 00:31:06	10.84	43.59	28.00	10.58	8.14	21.7	3.633	114.2	1.8	0.4
608	12/25/2015 00:46:06	10.92	43.96	28.26	10.58	8.14	23.8	3.570	114.5	1.5	0.4
609	12/25/2015 01:01:06	10.60	41.18	26.28	10.60	8.13	29.1	3.518	112.6	1.9	0.5
610	12/25/2015 01:16:06	10.65	42.50	27.21	10.58	8.13	22.8	3.457	113.1	1.8	0.4
611	12/25/2015 01:31:06	10.56	41.16	26.26	10.54	8.12	29.3	3.384	111.8	1.9	0.5
612	12/25/2015 01:46:07	10.53	41.50	26.50	10.54	8.11	30.4	3.265	111.9	2.5	0.6
613	12/25/2015 02:01:07	10.47	41.12	26.23	10.50	8.10	34.8	3.163	111.1	2.6	0.6
614	12/25/2015 02:16:06	10.34	40.19	25.58	10.48	8.09	33.9	3.098	110.1	2.4	0.6
615	12/25/2015 02:31:06	10.04	38.45	24.34	10.47	8.06	27.3	3.055	108.5	2.9	0.7
616	12/25/2015 02:46:07	10.05	38.29	24.23	10.42	8.05	24.7	2.933	107.9	2.8	0.7
617	12/25/2015 03:01:07	9.94	37.52	23.69	10.37	8.03	28.9	2.891	106.7	2.8	0.7
618	12/25/2015 03:16:06	10.03	37.91	23.96	10.33	8.04	25.5	2.796	106.8	3.2	0.8
619	12/25/2015 03:31:06	9.73	37.05	23.36	10.45	8.03	20.2	2.730	106.8	2.5	0.6
620	12/25/2015 03:46:06	9.83	37.19	23.46	10.39	8.03	22.1	2.666	106.5	2.9	0.7
621	12/25/2015 04:01:06	9.78	37.04	23.35	10.36	8.02	21.6	2.594	106.0	2.5	0.6
622	12/25/2015 04:16:07	9.80	37.11	23.40	10.38	8.02	20.9	2.539	106.3	2.7	0.6
623	12/25/2015 04:31:06	9.42	36.20	22.75	10.43	8.01	16.7	2.499	105.4	2.6	0.6
624	12/25/2015 04:46:06	9.35	36.02	22.62	10.40	8.00	16.3	2.447	105.0	2.6	0.6
625	12/25/2015 05:01:06	9.48	36.01	22.62	10.36	8.00	17.3	2.413	104.9	3.3	0.8
626	12/25/2015 05:16:06	9.38	35.92	22.56	10.34	7.99	16.9	2.431	104.3	2.7	0.6
627	12/25/2015 05:31:07	9.41	35.84	22.50	10.44	7.99	16.1	2.432	105.4	2.6	0.6
628	12/25/2015 05:46:06	9.47	35.86	22.52	10.45	8.00	16.0	2.436	105.6	2.5	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	Fluorescence %FS
629	12/25/2015 06:01:06	9.76	37.01	23.33	10.38	8.02	18.7	2.471	106.2	2.7	0.6
630	12/25/2015 06:16:06	9.80	37.15	23.43	10.37	8.02	20.6	2.522	106.2	2.5	0.6
631	12/25/2015 06:31:06	9.94	37.82	23.90	10.37	8.03	22.7	2.617	106.8	2.4	0.6
632	12/25/2015 06:46:06	9.63	36.09	22.69	10.43	8.00	24.4	2.680	105.9	2.9	0.7
633	12/25/2015 07:01:06	9.85	37.05	23.36	10.47	8.03	20.8	2.771	107.3	2.7	0.6
634	12/25/2015 07:16:06	9.84	36.83	23.21	10.47	8.02	18.9	2.877	107.2	3.1	0.7
635	12/25/2015 07:31:06	9.95	37.61	23.75	10.47	8.04	21.4	2.970	107.8	2.2	0.5
636	12/25/2015 07:46:06	9.85	37.57	23.72	10.50	8.04	25.7	3.064	107.8	3.2	0.8
637	12/25/2015 08:01:06	9.98	38.36	24.28	10.51	8.05	18.0	3.182	108.7	2.4	0.6
638	12/25/2015 08:16:06	9.90	37.56	23.71	10.60	8.05	17.4	3.295	109.1	2.0	0.5
639	12/25/2015 08:31:06	10.19	39.67	25.20	10.54	8.08	19.2	3.410	110.2	2.9	0.7
640	12/25/2015 08:46:06	10.59	42.12	26.94	10.54	8.11	36.5	3.529	112.4	2.1	0.5
641	12/25/2015 09:01:06	10.58	42.14	26.96	10.54	8.12	38.3	3.600	112.3	2.6	0.6
642	12/25/2015 09:16:06	10.56	42.20	26.99	10.54	8.12	39.7	3.737	112.3	2.4	0.6
643	12/25/2015 09:31:06	10.62	42.67	27.33	10.55	8.13	43.0	3.831	112.8	2.4	0.6
644	12/25/2015 09:46:06	10.66	43.18	27.69	10.58	8.13	37.7	3.934	113.6	2.1	0.5
645	12/25/2015 10:01:06	10.70	43.57	27.97	10.62	8.14	35.7	4.009	114.2	1.9	0.5
646	12/25/2015 10:16:06	10.81	44.24	28.45	10.59	8.14	36.6	4.080	114.5	2.2	0.5
647	12/25/2015 10:31:06	10.90	44.92	28.94	10.52	8.15	30.9	4.141	114.4	1.8	0.4
648	12/25/2015 10:46:06	10.94	45.19	29.14	10.49	8.15	23.1	4.195	114.2	1.4	0.3
649	12/25/2015 11:01:06	10.97	45.36	29.26	10.43	8.16	23.4	4.236	113.7	1.6	0.4
650	12/25/2015 11:16:06	10.98	45.45	29.33	10.31	8.16	14.1	4.234	112.6	1.7	0.4
651	12/25/2015 11:31:06	10.98	45.29	29.22	10.34	8.16	15.6	4.226	112.8	1.1	0.3
652	12/25/2015 11:46:06	10.98	45.32	29.23	10.35	8.15	21.6	4.185	112.9	0.9	0.2
653	12/25/2015 12:01:06	10.93	45.00	29.00	10.44	8.15	22.0	4.121	113.6	1.6	0.4
654	12/25/2015 12:16:07	10.85	44.27	28.48	10.47	8.15	20.6	4.055	113.4	1.9	0.4
655	12/25/2015 12:31:07	10.74	43.37	27.83	10.47	8.14	21.3	3.933	112.6	1.9	0.4
656	12/25/2015 12:46:06	10.59	42.09	26.92	10.52	8.12	25.1	3.836	112.1	2.1	0.5
657	12/25/2015 13:01:06	10.46	40.42	25.74	10.48	8.10	20.6	3.737	110.5	1.9	0.4
658	12/25/2015 13:16:06	10.42	39.62	25.17	10.50	8.09	19.4	3.614	110.3	1.8	0.4
659	12/25/2015 13:31:06	10.41	38.75	24.57	10.52	8.08	18.9	3.484	110.0	2.0	0.5
660	12/25/2015 13:46:06	10.36	39.50	25.09	10.48	8.08	29.1	3.354	109.9	3.3	0.8
661	12/25/2015 14:01:06	10.23	39.41	25.02	10.48	8.07	31.6	3.229	109.5	3.6	0.9
662	12/25/2015 14:16:06	10.18	39.03	24.75	10.44	8.07	28.9	3.069	108.8	2.5	0.6
663	12/25/2015 14:31:06	10.13	38.15	24.14	10.45	8.05	29.0	2.943	108.3	2.4	0.6
664	12/25/2015 14:46:06	10.16	37.72	23.84	10.47	8.04	24.9	2.798	108.4	2.5	0.6
665	12/25/2015 15:01:06	10.17	37.78	23.88	10.46	8.04	24.3	2.632	108.3	2.0	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	Fluorescence %FS
666	12/25/2015 15:16:06	10.15	37.55	23.72	10.43	8.04	24.9	2.473	107.9	2.9	0.7
667	12/25/2015 15:31:06	10.07	37.16	23.45	10.47	8.03	26.6	2.300	107.9	2.6	0.6
668	12/25/2015 15:46:06	9.97	37.01	23.34	10.47	8.03	29.8	2.138	107.6	2.3	0.5
669	12/25/2015 16:01:06	9.75	36.28	22.83	10.50	8.01	37.9	1.977	107.0	3.1	0.7
670	12/25/2015 16:16:06	9.75	36.23	22.79	10.50	8.01	36.0	1.821	107.0	3.2	0.8
671	12/25/2015 16:31:06	9.65	35.83	22.51	10.51	8.00	36.5	1.665	106.7	3.3	0.8
672	12/25/2015 16:46:07	9.58	35.56	22.32	10.51	7.99	40.2	1.503	106.4	3.7	0.9
673	12/25/2015 17:01:07	9.50	35.28	22.13	10.52	7.98	42.6	1.367	106.2	3.2	0.8
674	12/25/2015 17:16:06	9.45	35.05	21.96	10.52	7.97	45.8	1.207	105.9	3.7	0.9
675	12/25/2015 17:31:06	9.41	34.99	21.92	10.50	7.97	39.7	1.104	105.6	3.4	0.8
676	12/25/2015 17:46:07	9.40	35.08	21.98	10.52	7.97	37.7	1.053	105.8	3.5	0.8
677	12/25/2015 18:01:06	9.48	35.19	22.06	10.51	7.97	38.3	1.067	105.9	3.5	0.8
678	12/25/2015 18:16:06	9.45	35.26	22.11	10.51	7.97	27.9	1.132	106.0	3.3	0.8
679	12/25/2015 18:31:06	9.47	35.36	22.18	10.52	7.98	24.5	1.199	106.1	3.2	0.8
680	12/25/2015 18:46:07	9.44	35.09	21.99	10.54	7.97	22.7	1.288	106.1	2.8	0.7
681	12/25/2015 19:01:06	9.46	35.17	22.05	10.55	7.98	21.7	1.407	106.3	2.8	0.7
682	12/25/2015 19:16:06	9.46	34.84	21.82	10.58	7.98	21.8	1.495	106.4	3.7	0.9
683	12/25/2015 19:31:07	9.52	34.74	21.76	10.56	7.97	23.3	1.561	106.4	3.0	0.7
684	12/25/2015 19:46:06	9.56	34.64	21.68	10.56	7.97	22.6	1.656	106.4	3.1	0.7
685	12/25/2015 20:01:07	9.59	34.74	21.76	10.55	7.97	18.6	1.757	106.4	2.7	0.6
686	12/25/2015 20:16:06	9.63	34.81	21.81	10.55	7.97	20.1	1.844	106.6	3.3	0.8
687	12/25/2015 20:31:07	9.80	35.52	22.30	10.52	7.99	23.0	1.960	107.0	3.5	0.8
688	12/25/2015 20:46:07	9.88	35.85	22.53	10.52	8.00	25.1	2.050	107.3	2.8	0.7
689	12/25/2015 21:01:06	9.89	35.63	22.38	10.53	8.00	23.9	2.182	107.4	3.3	0.8
690	12/25/2015 21:16:07	9.96	36.38	22.90	10.49	8.01	26.3	2.292	107.5	2.7	0.6
691	12/25/2015 21:31:07	9.97	36.84	23.22	10.46	8.02	31.1	2.419	107.4	2.7	0.6
692	12/25/2015 21:46:06	9.99	36.95	23.30	10.49	8.02	38.9	2.534	107.8	3.2	0.8
693	12/25/2015 22:01:07	9.98	37.01	23.34	10.48	8.02	33.9	2.661	107.8	3.3	0.8
694	12/25/2015 22:16:06	10.02	37.08	23.39	10.50	8.03	36.0	2.773	108.0	3.1	0.7
695	12/25/2015 22:31:06	10.03	37.11	23.41	10.51	8.03	43.5	2.891	108.2	3.6	0.9
696	12/25/2015 22:46:06	10.07	37.63	23.77	10.50	8.04	52.4	2.981	108.5	3.6	0.8
697	12/25/2015 23:01:06	10.18	38.66	24.49	10.53	8.06	53.1	3.083	109.5	3.2	0.8
698	12/25/2015 23:16:06	10.25	39.60	25.15	10.61	8.08	45.2	3.185	111.0	2.8	0.7
699	12/25/2015 23:31:06	10.30	40.29	25.64	10.62	8.09	44.8	3.265	111.5	3.4	0.8
700	12/25/2015 23:46:07	10.38	41.20	26.28	10.58	8.10	39.7	3.368	111.8	2.4	0.6
701	12/26/2015 00:01:07	10.43	41.65	26.60	10.58	8.10	40.8	3.439	112.2	2.3	0.5
702	12/26/2015 00:16:06	10.56	42.39	27.13	10.56	8.12	34.1	3.503	112.7	2.8	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	Fluorescence %FS
703	12/26/2015 00:31:06	10.67	43.34	27.81	10.54	8.13	31.4	3.559	113.2	1.9	0.4
704	12/26/2015 00:46:06	10.74	43.82	28.15	10.48	8.13	30.0	3.598	113.0	2.0	0.5
705	12/26/2015 01:01:06	10.78	44.09	28.35	10.40	8.13	16.5	3.612	112.3	1.7	0.4
706	12/26/2015 01:16:06	10.74	43.77	28.12	10.46	8.13	21.5	3.578	112.8	1.4	0.3
707	12/26/2015 01:31:06	10.59	42.99	27.55	10.56	8.13	17.9	3.570	113.0	2.2	0.5
708	12/26/2015 01:46:06	10.55	42.29	27.06	10.47	8.12	18.4	3.519	111.6	1.7	0.4
709	12/26/2015 02:01:07	9.86	39.19	24.85	10.57	8.08	22.8	3.430	109.4	2.6	0.6
710	12/26/2015 02:16:06	10.18	40.17	25.55	10.51	8.09	30.3	3.360	110.1	2.1	0.5
711	12/26/2015 02:31:06	10.26	40.51	25.79	10.52	8.09	39.5	3.272	110.6	2.6	0.6
712	12/26/2015 02:46:06	9.92	38.81	24.59	10.57	8.07	35.0	3.182	109.4	2.6	0.6
713	12/26/2015 03:01:06	9.81	38.53	24.38	10.56	8.06	27.7	3.081	108.9	2.7	0.6
714	12/26/2015 03:16:06	9.55	37.52	23.67	10.59	8.04	17.5	2.998	108.1	2.5	0.6
715	12/26/2015 03:31:06	9.47	37.26	23.49	10.58	8.04	16.9	2.912	107.6	2.6	0.6
716	12/26/2015 03:46:06	9.38	37.10	23.38	10.60	8.03	16.2	2.808	107.5	2.3	0.5
717	12/26/2015 04:01:07	9.34	36.63	23.04	10.59	8.02	17.8	2.726	107.1	2.7	0.6
718	12/26/2015 04:16:07	9.28	36.19	22.74	10.60	8.01	19.6	2.658	106.8	2.3	0.6
719	12/26/2015 04:31:06	9.20	35.90	22.54	10.60	8.00	16.4	2.579	106.6	3.2	0.8
720	12/26/2015 04:46:06	9.14	36.49	22.94	10.59	8.01	17.6	2.515	106.5	2.5	0.6
721	12/26/2015 05:01:07	9.13	36.08	22.66	10.57	8.00	16.7	2.466	106.1	2.4	0.6
722	12/26/2015 05:16:06	9.11	35.97	22.58	10.56	8.00	14.8	2.401	106.0	3.0	0.7
723	12/26/2015 05:31:07	9.12	35.73	22.41	10.53	7.99	13.4	2.368	105.6	2.5	0.6
724	12/26/2015 05:46:06	9.11	36.03	22.62	10.51	8.00	14.9	2.362	105.4	2.7	0.6
725	12/26/2015 06:01:06	9.08	35.71	22.40	10.58	7.99	13.2	2.358	106.0	2.9	0.7
726	12/26/2015 06:16:07	8.92	35.30	22.11	10.61	7.98	12.8	2.373	105.7	2.6	0.6
727	12/26/2015 06:31:06	9.39	36.58	23.01	10.54	8.01	14.8	2.407	106.7	2.0	0.5
728	12/26/2015 06:46:07	9.16	36.06	22.65	10.57	8.00	17.0	2.463	106.2	2.9	0.7
729	12/26/2015 07:01:07	8.99	34.94	21.87	10.64	7.98	17.5	2.520	105.9	3.3	0.8
730	12/26/2015 07:16:06	9.30	35.76	22.45	10.62	8.00	17.1	2.602	106.9	2.8	0.7
731	12/26/2015 07:31:07	9.56	37.05	23.35	10.52	8.02	17.5	2.682	107.2	3.1	0.7
732	12/26/2015 07:46:06	9.56	37.24	23.48	10.55	8.03	17.2	2.774	107.6	2.4	0.6
733	12/26/2015 08:01:07	9.52	37.10	23.38	10.56	8.02	16.4	2.861	107.5	2.6	0.6
734	12/26/2015 08:16:07	9.65	38.02	24.02	10.55	8.04	19.2	2.958	108.1	2.5	0.6
735	12/26/2015 08:31:06	9.49	37.97	23.98	10.60	8.03	19.4	3.052	108.3	2.5	0.6
736	12/26/2015 08:46:06	9.35	37.87	23.91	10.66	8.03	14.4	3.143	108.4	2.7	0.6
737	12/26/2015 09:01:06	9.60	38.40	24.29	10.58	8.05	14.4	3.237	108.5	2.3	0.6
738	12/26/2015 09:16:06	9.87	39.67	25.18	10.48	8.06	17.1	3.339	108.8	2.2	0.5
739	12/26/2015 09:31:06	10.11	41.13	26.22	10.35	8.08	20.6	3.433	108.7	2.0	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	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
740	12/26/2015 09:46:06	10.29	42.01	26.85	10.30	8.09	23.1	3.537	109.0	2.0	0.5
741	12/26/2015 10:01:06	10.59	43.83	28.15	10.14	8.11	32.2	3.635	108.9	1.9	0.4
742	12/26/2015 10:16:06	10.57	44.09	28.34	10.07	8.11	49.2	3.719	108.2	2.3	0.6
743	12/26/2015 10:31:06	10.53	44.36	28.53	10.00	8.11	42.7	3.823	107.5	2.2	0.5
744	12/26/2015 10:46:06	10.54	44.89	28.90	9.93	8.11	36.3	3.906	107.1	1.9	0.4
745	12/26/2015 11:01:06	10.57	45.21	29.13	9.91	8.12	25.0	3.986	107.0	2.0	0.5
746	12/26/2015 11:16:06	10.61	45.48	29.33	9.87	8.12	25.3	4.039	106.9	1.0	0.2
747	12/26/2015 11:31:06	10.66	45.82	29.57	9.82	8.12	21.7	4.091	106.6	0.9	0.2
748	12/26/2015 11:46:06	10.70	45.97	29.69	9.76	8.12	16.1	4.133	106.1	1.5	0.3
749	12/26/2015 12:01:06	10.72	46.06	29.75	9.72	8.12	13.4	4.148	105.8	1.3	0.3
750	12/26/2015 12:16:06	10.69	46.01	29.72	9.70	8.12	13.0	4.151	105.5	0.9	0.2
751	12/26/2015 12:31:06	10.72	46.18	29.83	9.72	8.12	18.1	4.120	105.8	0.7	0.2
752	12/26/2015 12:46:06	10.71	46.05	29.74	9.71	8.12	17.9	4.069	105.7	1.0	0.2
753	12/26/2015 13:01:06	10.62	45.04	29.01	9.81	8.12	17.1	4.006	106.0	1.2	0.3
754	12/26/2015 13:16:06	10.36	42.16	26.96	10.16	8.10	18.5	3.898	107.8	1.6	0.4
755	12/26/2015 13:31:06	10.33	40.66	25.90	10.27	8.08	13.3	3.789	108.1	1.6	0.4
756	12/26/2015 13:46:06	10.34	41.30	26.35	10.18	8.08	19.1	3.670	107.5	1.5	0.4
757	12/26/2015 14:01:06	10.27	40.50	25.79	10.25	8.08	19.1	3.530	107.7	2.3	0.6
758	12/26/2015 14:16:06	10.24	40.78	25.98	10.27	8.08	25.1	3.399	107.9	1.9	0.5
759	12/26/2015 14:31:06	10.15	40.55	25.82	10.31	8.08	34.3	3.249	108.1	2.3	0.5
760	12/26/2015 14:46:06	10.07	40.42	25.72	10.32	8.07	30.7	3.115	107.9	2.2	0.5
761	12/26/2015 15:01:07	9.97	39.75	25.25	10.34	8.06	24.8	2.973	107.6	2.0	0.5
762	12/26/2015 15:16:07	9.90	39.24	24.88	10.37	8.05	22.4	2.826	107.5	1.8	0.4
763	12/26/2015 15:31:06	9.80	38.29	24.22	10.45	8.03	18.0	2.672	107.6	2.0	0.5
764	12/26/2015 15:46:06	9.77	37.96	23.99	10.46	8.04	16.4	2.517	107.4	1.9	0.5
765	12/26/2015 16:01:07	9.63	37.37	23.57	10.54	8.03	18.6	2.361	107.7	2.2	0.5
766	12/26/2015 16:16:06	9.59	37.10	23.38	10.56	8.02	18.5	2.189	107.6	2.4	0.6
767	12/26/2015 16:31:06	9.39	36.53	22.98	10.52	8.00	25.4	2.018	106.4	2.5	0.6
768	12/26/2015 16:46:07	9.29	36.07	22.66	10.55	7.99	25.8	1.854	106.3	2.4	0.6
769	12/26/2015 17:01:07	9.28	35.88	22.53	10.56	7.98	27.0	1.683	106.3	2.9	0.7
770	12/26/2015 17:16:06	9.18	35.50	22.26	10.57	7.97	27.5	1.535	105.9	3.0	0.7
771	12/26/2015 17:31:06	9.12	35.33	22.14	10.57	7.97	27.7	1.405	105.7	3.3	0.8
772	12/26/2015 17:46:06	9.05	35.15	22.01	10.57	7.96	28.2	1.262	105.5	2.9	0.7
773	12/26/2015 18:01:06	9.00	34.99	21.90	10.55	7.96	26.6	1.143	105.1	3.1	0.7
774	12/26/2015 18:16:06	8.98	35.03	21.93	10.58	7.96	24.8	1.062	105.4	2.8	0.7
775	12/26/2015 18:31:06	9.01	35.13	22.00	10.58	7.96	23.3	1.054	105.4	2.9	0.7
776	12/26/2015 18:46:06	9.10	35.32	22.13	10.56	7.96	23.1	1.108	105.6	3.0	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	Fluorescence %FS
777	12/26/2015 19:01:06	9.14	35.48	22.24	10.56	7.97	20.8	1.188	105.8	2.8	0.7
778	12/26/2015 19:16:06	9.13	35.55	22.29	10.56	7.97	18.4	1.275	105.8	3.1	0.7
779	12/26/2015 19:31:07	9.12	35.23	22.07	10.60	7.96	17.8	1.383	106.0	2.7	0.6
780	12/26/2015 19:46:07	9.16	35.25	22.09	10.60	7.96	17.8	1.436	106.1	2.6	0.6
781	12/26/2015 20:01:06	9.18	35.15	22.02	10.61	7.96	16.6	1.506	106.2	2.0	0.5
782	12/26/2015 20:16:07	9.19	35.05	21.95	10.61	7.96	15.9	1.608	106.2	3.0	0.7
783	12/26/2015 20:31:07	9.23	35.13	22.01	10.60	7.96	14.8	1.678	106.2	3.0	0.7
784	12/26/2015 20:46:07	9.26	35.42	22.21	10.57	7.96	14.4	1.771	106.2	3.0	0.7
785	12/26/2015 21:01:07	9.33	35.83	22.50	10.56	7.97	15.5	1.872	106.4	2.5	0.6
786	12/26/2015 21:16:06	9.42	36.16	22.73	10.55	7.99	17.3	1.972	106.6	2.7	0.6
787	12/26/2015 21:31:07	9.48	36.32	22.84	10.54	7.99	16.8	2.093	106.8	2.7	0.6
788	12/26/2015 21:46:06	9.57	36.62	23.05	10.53	8.00	16.7	2.214	107.1	2.6	0.6
789	12/26/2015 22:01:06	9.73	37.81	23.88	10.45	8.02	20.4	2.326	107.2	2.3	0.5
790	12/26/2015 22:16:06	9.71	37.88	23.93	10.45	8.02	27.4	2.455	107.1	2.7	0.6
791	12/26/2015 22:31:06	9.73	38.03	24.04	10.43	8.02	26.6	2.574	107.1	2.6	0.6
792	12/26/2015 22:46:06	9.72	38.23	24.17	10.43	8.02	25.2	2.686	107.2	2.5	0.6
793	12/26/2015 23:01:07	9.73	38.38	24.28	10.42	8.03	29.2	2.802	107.2	2.1	0.5
794	12/26/2015 23:16:07	9.80	38.68	24.49	10.42	8.03	36.0	2.900	107.4	2.7	0.6
795	12/26/2015 23:31:06	9.93	39.57	25.12	10.36	8.05	39.3	3.006	107.5	2.9	0.7
796	12/26/2015 23:46:06	10.06	41.03	26.15	10.27	8.07	38.6	3.100	107.7	2.6	0.6
797	12/27/2015 00:01:06	10.14	41.90	26.76	10.20	8.08	34.3	3.194	107.6	2.1	0.5
798	12/27/2015 00:16:06	10.20	42.53	27.21	10.17	8.09	28.5	3.285	107.7	1.5	0.4
799	12/27/2015 00:31:06	10.27	43.01	27.55	10.12	8.09	24.1	3.375	107.6	2.0	0.5
800	12/27/2015 00:46:07	10.37	43.73	28.07	10.06	8.10	24.5	3.450	107.5	2.2	0.5
801	12/27/2015 01:01:06	10.47	44.47	28.60	9.96	8.10	24.9	3.522	107.1	1.6	0.4
802	12/27/2015 01:16:07	10.54	45.09	29.05	9.86	8.11	22.4	3.580	106.4	1.7	0.4
803	12/27/2015 01:31:06	10.57	45.35	29.23	9.77	8.11	19.9	3.602	105.6	1.8	0.4
804	12/27/2015 01:46:07	10.59	45.50	29.34	9.69	8.11	15.1	3.627	104.9	1.2	0.3
805	12/27/2015 02:01:07	10.55	45.21	29.13	9.77	8.11	12.4	3.622	105.5	0.9	0.2
806	12/27/2015 02:16:07	10.07	42.92	27.48	9.98	8.11	15.3	3.586	105.6	1.0	0.2
807	12/27/2015 02:31:07	10.57	45.24	29.15	9.76	8.10	17.4	3.535	105.5	1.5	0.4
808	12/27/2015 02:46:06	10.30	43.34	27.79	9.96	8.10	16.4	3.464	106.0	2.0	0.5
809	12/27/2015 03:01:07	9.91	41.07	26.17	10.17	8.08	20.5	3.365	106.2	2.0	0.5
810	12/27/2015 03:16:06	9.59	39.78	25.25	10.30	8.05	24.2	3.293	106.3	2.2	0.5
811	12/27/2015 03:31:07	9.76	40.63	25.85	10.20	8.06	18.8	3.194	106.1	2.0	0.5
812	12/27/2015 03:46:06	9.65	40.06	25.45	10.28	8.05	19.5	3.090	106.3	2.0	0.5
813	12/27/2015 04:01:07	9.54	39.50	25.05	10.34	8.04	18.1	3.007	106.4	2.2	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	Fluorescence %FS
814	12/27/2015 04:16:07	9.57	39.78	25.25	10.32	8.05	14.8	2.918	106.4	2.1	0.5
815	12/27/2015 04:31:06	9.42	39.28	24.89	10.35	8.04	14.4	2.839	106.1	1.9	0.5
816	12/27/2015 04:46:07	9.37	39.10	24.76	10.37	8.04	13.4	2.757	106.1	2.5	0.6
817	12/27/2015 05:01:07	9.31	39.01	24.70	10.37	8.03	13.5	2.683	105.9	2.3	0.6
818	12/27/2015 05:16:07	9.23	38.62	24.42	10.40	8.03	13.9	2.616	105.9	2.1	0.5
819	12/27/2015 05:31:07	9.17	38.19	24.12	10.42	8.02	13.1	2.550	105.7	2.1	0.5
820	12/27/2015 05:46:06	9.08	37.72	23.79	10.46	8.01	13.0	2.490	105.6	2.0	0.5
821	12/27/2015 06:01:06	8.94	37.70	23.77	10.45	8.01	12.3	2.446	105.2	2.2	0.5
822	12/27/2015 06:16:07	8.90	37.08	23.34	10.48	8.00	11.6	2.402	105.2	2.1	0.5
823	12/27/2015 06:31:06	8.93	36.89	23.21	10.46	8.00	11.1	2.383	105.0	2.4	0.6
824	12/27/2015 06:46:07	8.91	37.20	23.42	10.49	8.00	10.9	2.384	105.3	2.3	0.6
825	12/27/2015 07:01:07	9.13	37.72	23.79	10.47	8.01	12.1	2.380	105.9	2.3	0.5
826	12/27/2015 07:16:07	9.08	37.51	23.64	10.47	8.00	11.4	2.410	105.7	2.4	0.6
827	12/27/2015 07:31:07	9.27	38.29	24.20	10.41	8.02	14.2	2.459	105.9	2.4	0.6
828	12/27/2015 07:46:07	9.18	37.97	23.96	10.45	8.01	15.6	2.512	105.9	2.0	0.5
829	12/27/2015 08:01:07	9.19	37.75	23.82	10.44	8.00	15.8	2.583	105.7	2.5	0.6
830	12/27/2015 08:16:07	9.44	38.83	24.58	10.33	8.02	14.4	2.661	105.8	2.3	0.5
831	12/27/2015 08:31:07	9.40	38.79	24.55	10.38	8.02	14.1	2.745	106.2	2.4	0.6
832	12/27/2015 08:46:06	9.39	39.07	24.74	10.38	8.03	13.6	2.831	106.2	2.2	0.5
833	12/27/2015 09:01:07	9.36	39.37	24.95	10.38	8.03	13.7	2.917	106.3	1.8	0.4
834	12/27/2015 09:16:07	9.38	39.65	25.15	10.39	8.04	12.9	2.998	106.7	2.5	0.6
835	12/27/2015 09:31:07	9.47	40.22	25.55	10.34	8.04	11.4	3.094	106.6	2.0	0.5
836	12/27/2015 09:46:07	9.76	41.55	26.50	10.17	8.06	11.2	3.188	106.1	1.5	0.4
837	12/27/2015 10:01:06	9.85	42.00	26.82	10.11	8.07	12.6	3.283	106.0	1.4	0.3
838	12/27/2015 10:16:06	10.13	43.30	27.75	9.94	8.08	17.8	3.382	105.4	1.6	0.4
839	12/27/2015 10:31:07	10.25	43.99	28.25	9.84	8.08	21.3	3.478	105.0	1.5	0.4
840	12/27/2015 10:46:07	10.20	43.89	28.17	9.87	8.08	21.9	3.569	105.1	1.5	0.4
841	12/27/2015 11:01:06	10.18	44.25	28.43	9.87	8.09	21.3	3.658	105.2	2.3	0.5
842	12/27/2015 11:16:07	10.23	44.70	28.75	9.82	8.09	20.2	3.741	105.1	1.8	0.4
843	12/27/2015 11:31:07	10.28	44.99	28.96	9.81	8.10	20.3	3.818	105.2	1.8	0.4
844	12/27/2015 11:46:06	10.33	45.42	29.27	9.79	8.10	18.8	3.888	105.3	1.4	0.3
845	12/27/2015 12:01:07	10.36	45.74	29.50	9.77	8.11	18.0	3.945	105.4	1.5	0.4
846	12/27/2015 12:16:06	10.39	45.94	29.64	9.75	8.11	14.4	3.999	105.3	1.0	0.2
847	12/27/2015 12:31:06	10.41	46.09	29.75	9.72	8.11	12.5	4.037	105.0	1.7	0.4
848	12/27/2015 12:46:07	10.44	46.28	29.89	9.67	8.11	10.6	4.056	104.7	0.6	0.1
849	12/27/2015 13:01:07	10.41	46.21	29.84	9.65	8.11	9.7	4.045	104.4	1.0	0.2
850	12/27/2015 13:16:07	10.37	45.65	29.44	9.71	8.11	10.1	4.035	104.7	0.8	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	Fluorescence %FS
851	12/27/2015 13:31:06	10.41	46.21	29.84	9.69	8.11	12.8	3.972	104.8	1.2	0.3
852	12/27/2015 13:46:06	9.82	42.87	27.43	10.08	8.08	18.8	3.896	106.0	1.6	0.4
853	12/27/2015 14:01:06	9.61	41.56	26.50	10.20	8.06	12.3	3.809	106.1	2.1	0.5
854	12/27/2015 14:16:07	9.54	40.92	26.04	10.25	8.06	15.2	3.696	106.2	2.0	0.5
855	12/27/2015 14:31:07	9.36	39.97	25.37	10.38	8.04	13.6	3.572	106.6	1.8	0.4
856	12/27/2015 14:46:07	9.70	41.76	26.64	10.16	8.07	22.0	3.450	106.0	2.2	0.5
857	12/27/2015 15:01:07	9.42	40.27	25.58	10.32	8.05	17.2	3.310	106.2	2.2	0.5
858	12/27/2015 15:16:07	9.39	39.84	25.28	10.37	8.04	18.0	3.192	106.5	2.0	0.5
859	12/27/2015 15:31:07	9.62	40.83	25.98	10.19	8.05	17.8	3.039	105.7	2.2	0.5
860	12/27/2015 15:46:07	9.56	40.43	25.70	10.22	8.04	18.4	2.901	105.7	2.2	0.5
861	12/27/2015 16:01:06	9.41	39.70	25.18	10.32	8.03	15.8	2.784	105.9	2.2	0.5
862	12/27/2015 16:16:07	9.37	39.56	25.08	10.40	8.03	12.8	2.643	106.6	2.0	0.5
863	12/27/2015 16:31:07	9.35	39.47	25.02	10.40	8.03	14.5	2.497	106.6	2.0	0.5
864	12/27/2015 16:46:06	9.26	39.03	24.71	10.43	8.03	16.9	2.345	106.4	2.0	0.5
865	12/27/2015 17:01:07	9.20	38.96	24.65	10.42	8.02	20.3	2.194	106.2	2.0	0.5
866	12/27/2015 17:16:07	9.08	38.35	24.22	10.46	8.01	20.2	2.041	106.0	1.8	0.4
867	12/27/2015 17:31:06	9.01	38.04	24.01	10.50	8.01	20.6	1.898	106.1	2.4	0.6
868	12/27/2015 17:46:07	9.02	38.15	24.08	10.51	8.01	22.2	1.751	106.2	3.0	0.7
869	12/27/2015 18:01:06	8.98	37.74	23.80	10.54	8.00	23.0	1.606	106.2	2.4	0.6
870	12/27/2015 18:16:06	8.88	37.38	23.54	10.58	7.99	26.5	1.482	106.2	2.7	0.6
871	12/27/2015 18:31:06	8.80	37.19	23.41	10.60	7.99	28.4	1.367	106.1	2.8	0.7
872	12/27/2015 18:46:06	8.75	37.10	23.34	10.60	7.98	38.3	1.283	105.9	3.3	0.8
873	12/27/2015 19:01:07	8.71	36.94	23.23	10.58	7.98	32.4	1.228	105.6	2.9	0.7
874	12/27/2015 19:16:06	8.70	36.95	23.24	10.63	7.98	37.3	1.198	106.1	3.0	0.7
875	12/27/2015 19:31:06	8.74	37.02	23.29	10.64	7.98	23.4	1.235	106.3	2.7	0.6
876	12/27/2015 19:46:07	8.79	37.17	23.39	10.61	7.98	23.3	1.288	106.2	2.9	0.7
877	12/27/2015 20:01:07	8.85	37.33	23.51	10.60	7.99	19.5	1.368	106.3	3.0	0.7
878	12/27/2015 20:16:07	8.82	37.01	23.28	10.63	7.98	16.8	1.467	106.4	2.4	0.6
879	12/27/2015 20:31:07	8.83	36.70	23.07	10.62	7.98	15.7	1.543	106.2	2.7	0.6
880	12/27/2015 20:46:06	8.85	36.55	22.97	10.63	7.97	16.4	1.650	106.2	2.6	0.6
881	12/27/2015 21:01:06	8.89	36.74	23.10	10.58	7.98	14.4	1.742	106.0	2.3	0.5
882	12/27/2015 21:16:07	8.89	36.55	22.97	10.60	7.97	13.4	1.840	106.0	2.7	0.6
883	12/27/2015 21:31:07	8.98	37.22	23.44	10.55	7.99	14.6	1.933	106.1	2.7	0.6
884	12/27/2015 21:46:06	9.08	37.87	23.89	10.49	8.00	14.0	2.034	106.0	2.4	0.6
885	12/27/2015 22:01:07	9.14	38.33	24.22	10.43	8.00	14.4	2.149	105.8	2.2	0.5
886	12/27/2015 22:16:07	9.25	39.01	24.69	10.39	8.01	18.8	2.245	106.0	2.0	0.5
887	12/27/2015 22:31:07	9.28	39.20	24.83	10.36	8.02	16.4	2.357	105.9	2.6	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	Fluorescence %FS
888	12/27/2015 22:46:06	9.23	39.16	24.80	10.39	8.02	19.7	2.466	106.0	2.3	0.6
889	12/27/2015 23:01:07	9.23	39.28	24.88	10.38	8.02	21.2	2.578	106.0	2.6	0.6
890	12/27/2015 23:16:07	9.29	39.61	25.12	10.36	8.02	21.8	2.676	106.1	2.0	0.5
891	12/27/2015 23:31:06	9.33	39.88	25.30	10.32	8.03	21.7	2.781	105.9	2.3	0.5
892	12/27/2015 23:46:07	9.38	40.12	25.47	10.32	8.03	28.3	2.886	106.1	2.5	0.6
893	12/28/2015 00:01:07	9.44	40.57	25.79	10.27	8.04	23.3	2.980	105.9	1.7	0.4
894	12/28/2015 00:16:07	9.59	41.73	26.62	10.18	8.05	19.8	3.083	105.9	2.4	0.6
895	12/28/2015 00:31:07	9.69	42.55	27.20	10.11	8.06	18.3	3.179	105.9	2.5	0.6
896	12/28/2015 00:46:07	9.74	43.04	27.55	10.07	8.07	18.4	3.277	105.8	2.0	0.5
897	12/28/2015 01:01:06	9.82	43.50	27.88	10.03	8.07	18.9	3.370	105.8	2.2	0.5
898	12/28/2015 01:16:07	9.94	44.09	28.30	10.00	8.08	15.9	3.459	106.0	1.8	0.4
899	12/28/2015 01:31:07	10.09	44.73	28.76	9.98	8.10	16.4	3.534	106.5	1.5	0.4
900	12/28/2015 01:46:07	10.20	45.19	29.10	9.96	8.11	16.7	3.607	106.7	1.6	0.4
901	12/28/2015 02:01:07	10.25	45.39	29.25	9.94	8.11	15.0	3.651	106.8	1.1	0.3
902	12/28/2015 02:16:07	10.30	45.61	29.41	9.95	8.12	16.2	3.688	107.0	1.5	0.4
903	12/28/2015 02:31:07	10.31	45.64	29.43	9.82	8.11	7.5	3.696	105.7	1.0	0.2
904	12/28/2015 02:46:07	10.25	45.39	29.24	9.90	8.11	11.0	3.682	106.3	1.7	0.4
905	12/28/2015 03:01:06	10.29	45.58	29.38	9.90	8.12	11.5	3.639	106.5	1.4	0.3
906	12/28/2015 03:16:07	10.06	44.46	28.57	9.95	8.10	13.6	3.582	106.0	1.3	0.3
907	12/28/2015 03:31:07	9.58	42.24	26.98	10.11	8.06	12.9	3.513	105.4	1.8	0.4
908	12/28/2015 03:46:07	9.38	41.13	26.19	10.21	8.04	12.0	3.419	105.4	1.7	0.4
909	12/28/2015 04:01:06	9.47	41.60	26.52	10.17	8.05	11.0	3.328	105.5	2.0	0.5
910	12/28/2015 04:16:06	9.39	41.18	26.22	10.21	8.05	12.6	3.243	105.6	1.8	0.4
911	12/28/2015 04:31:07	9.47	41.40	26.38	10.14	8.05	13.6	3.166	105.1	2.1	0.5
912	12/28/2015 04:46:07	9.51	41.54	26.48	10.13	8.05	12.6	3.068	105.2	1.5	0.3
913	12/28/2015 05:01:07	9.50	41.58	26.50	10.12	8.05	11.4	2.991	105.0	2.3	0.5
914	12/28/2015 05:16:07	9.29	40.15	25.49	10.25	8.03	11.9	2.917	105.2	1.7	0.4
915	12/28/2015 05:31:07	9.34	40.52	25.76	10.19	8.03	10.9	2.843	104.9	1.8	0.4
916	12/28/2015 05:46:06	9.10	39.46	25.00	10.34	8.02	9.2	2.770	105.3	1.9	0.5
917	12/28/2015 06:01:07	9.13	39.77	25.22	10.31	8.02	9.0	2.705	105.2	2.0	0.5
918	12/28/2015 06:16:06	9.08	39.47	25.01	10.33	8.02	8.5	2.654	105.2	2.1	0.5
919	12/28/2015 06:31:07	9.04	39.24	24.84	10.34	8.01	8.7	2.581	105.1	2.0	0.5
920	12/28/2015 06:46:07	9.05	39.10	24.75	10.33	8.01	9.2	2.527	105.0	2.4	0.6
921	12/28/2015 07:01:07	8.98	38.92	24.62	10.33	8.00	8.1	2.501	104.7	2.2	0.5
922	12/28/2015 07:16:07	8.90	38.69	24.45	10.31	8.00	7.7	2.471	104.2	2.5	0.6
923	12/28/2015 07:31:07	8.90	38.71	24.47	10.29	8.00	7.8	2.446	104.0	1.8	0.4
924	12/28/2015 07:46:07	8.95	38.82	24.55	10.35	7.99	9.2	2.453	104.7	1.7	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	Fluorescence %FS
925	12/28/2015 08:01:06	8.95	38.86	24.57	10.33	7.99	8.4	2.458	104.6	2.0	0.5
926	12/28/2015 08:16:07	9.14	39.57	25.08	10.28	8.01	9.0	2.503	104.8	1.5	0.4
927	12/28/2015 08:31:07	9.16	39.65	25.14	10.29	8.01	10.1	2.541	105.0	1.8	0.4
928	12/28/2015 08:46:07	8.94	38.66	24.44	10.38	7.99	10.4	2.591	104.9	1.8	0.4
929	12/28/2015 09:01:07	8.98	38.71	24.47	10.34	7.99	9.4	2.678	104.7	2.4	0.6
930	12/28/2015 09:16:06	9.28	40.26	25.57	10.22	8.02	11.1	2.749	105.0	2.4	0.6
931	12/28/2015 09:31:07	9.27	40.18	25.51	10.23	8.02	11.2	2.835	105.0	1.9	0.4
932	12/28/2015 09:46:07	9.31	40.53	25.76	10.22	8.03	11.0	2.921	105.1	1.8	0.4
933	12/28/2015 10:01:07	9.37	40.90	26.02	10.21	8.03	10.4	2.997	105.3	2.2	0.5
934	12/28/2015 10:16:07	9.42	41.11	26.17	10.26	8.04	9.4	3.086	106.1	1.7	0.4
935	12/28/2015 10:31:07	9.49	41.37	26.36	10.25	8.04	8.8	3.149	106.2	1.6	0.4
936	12/28/2015 10:46:07	9.73	42.67	27.29	10.10	8.06	10.1	3.258	105.9	0.9	0.2
937	12/28/2015 11:01:07	9.80	43.14	27.63	10.05	8.07	14.1	3.348	105.7	1.2	0.3
938	12/28/2015 11:16:07	9.84	43.30	27.73	10.03	8.07	17.2	3.427	105.7	1.8	0.4
939	12/28/2015 11:31:07	9.89	43.54	27.91	10.01	8.08	15.5	3.510	105.8	1.2	0.3
940	12/28/2015 11:46:07	9.91	43.64	27.99	10.00	8.08	13.0	3.588	105.7	1.5	0.3
941	12/28/2015 12:01:07	9.98	43.79	28.09	10.01	8.08	13.4	3.671	106.0	1.4	0.3
942	12/28/2015 12:16:06	10.03	44.11	28.32	9.98	8.09	13.9	3.734	106.0	1.4	0.3
943	12/28/2015 12:31:07	10.10	44.39	28.53	9.97	8.09	13.4	3.794	106.2	1.9	0.4
944	12/28/2015 12:46:07	10.19	44.74	28.78	9.95	8.10	12.0	3.828	106.4	1.5	0.3
945	12/28/2015 13:01:07	10.24	45.02	28.98	9.93	8.10	11.4	3.878	106.4	0.6	0.1
946	12/28/2015 13:16:07	10.26	45.11	29.05	9.90	8.10	9.9	3.883	106.2	0.6	0.1
947	12/28/2015 13:31:07	10.25	44.99	28.96	9.81	8.10	8.2	3.896	105.2	1.0	0.2
948	12/28/2015 13:46:07	10.22	44.81	28.83	9.89	8.10	8.4	3.881	105.8	0.9	0.2
949	12/28/2015 14:01:07	10.19	44.70	28.75	9.90	8.10	10.5	3.829	105.8	1.2	0.3
950	12/28/2015 14:16:07	10.12	44.02	28.27	9.97	8.09	10.9	3.773	106.1	1.5	0.4
951	12/28/2015 14:31:07	10.09	43.52	27.91	10.00	8.08	12.8	3.690	106.1	1.0	0.2
952	12/28/2015 14:46:06	10.09	42.98	27.52	10.10	8.08	11.6	3.615	106.9	1.8	0.4
953	12/28/2015 15:01:07	10.00	42.66	27.30	10.14	8.07	11.0	3.518	107.0	1.6	0.4
954	12/28/2015 15:16:07	9.91	42.03	26.84	10.19	8.06	15.6	3.411	107.0	1.9	0.4
955	12/28/2015 15:31:07	9.80	41.85	26.71	10.18	8.06	15.2	3.293	106.5	2.0	0.5
956	12/28/2015 15:46:07	9.88	41.96	26.79	10.21	8.06	13.4	3.217	107.1	2.2	0.5
957	12/28/2015 16:01:07	9.83	41.74	26.63	10.24	8.06	13.8	3.093	107.2	2.1	0.5
958	12/28/2015 16:16:07	9.76	41.44	26.42	10.26	8.05	16.9	2.948	107.0	1.7	0.4
959	12/28/2015 16:31:07	9.67	41.01	26.11	10.30	8.05	18.1	2.821	107.1	1.6	0.4
960	12/28/2015 16:46:07	9.69	41.42	26.41	10.27	8.05	20.7	2.713	107.0	2.4	0.6
961	12/28/2015 17:01:07	9.54	40.30	25.61	10.38	8.04	21.1	2.588	107.2	2.3	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	Fluorescence %FS
962	12/28/2015 17:16:07	9.39	39.55	25.08	10.45	8.02	28.8	2.455	107.2	2.5	0.6
963	12/28/2015 17:31:07	9.29	39.47	25.02	10.49	8.02	35.3	2.332	107.3	2.4	0.6
964	12/28/2015 17:46:07	9.20	39.19	24.82	10.54	8.01	40.3	2.192	107.4	3.1	0.7
965	12/28/2015 18:01:07	9.15	38.69	24.46	10.54	8.00	47.1	2.087	107.1	3.0	0.7
966	12/28/2015 18:16:07	9.12	38.71	24.48	10.56	8.00	43.5	1.942	107.2	3.0	0.7
967	12/28/2015 18:31:06	9.10	38.61	24.41	10.55	8.00	42.6	1.832	107.1	4.0	0.9
968	12/28/2015 18:46:07	9.11	38.11	24.06	10.57	7.99	42.4	1.713	107.0	3.5	0.8
969	12/28/2015 19:01:07	9.07	38.04	24.01	10.56	7.98	38.3	1.601	106.9	2.9	0.7
970	12/28/2015 19:16:07	9.04	37.79	23.84	10.59	7.98	36.7	1.473	106.9	3.4	0.8
971	12/28/2015 19:31:07	9.03	37.65	23.74	10.57	7.97	34.3	1.436	106.6	3.0	0.7
972	12/28/2015 19:46:07	9.01	37.55	23.67	10.56	7.97	29.1	1.369	106.4	2.5	0.6
973	12/28/2015 20:01:07	9.01	37.52	23.65	10.58	7.97	25.8	1.353	106.6	3.4	0.8
974	12/28/2015 20:16:06	9.02	37.68	23.76	10.61	7.97	27.8	1.395	107.0	2.7	0.6
975	12/28/2015 20:31:07	9.06	37.77	23.82	10.60	7.97	26.1	1.404	107.1	2.8	0.7
976	12/28/2015 20:46:07	9.08	37.83	23.86	10.60	7.98	25.8	1.475	107.1	2.5	0.6
977	12/28/2015 21:01:07	9.00	37.18	23.41	10.66	7.97	20.6	1.541	107.3	2.3	0.5
978	12/28/2015 21:16:06	9.04	36.67	23.06	10.67	7.96	20.6	1.673	107.2	2.4	0.6
979	12/28/2015 21:31:07	9.07	36.76	23.13	10.65	7.96	21.8	1.742	107.1	3.0	0.7
980	12/28/2015 21:46:07	9.08	36.75	23.12	10.66	7.96	20.6	1.807	107.2	2.4	0.6
981	12/28/2015 22:01:06	9.10	37.07	23.34	10.63	7.96	23.3	1.914	107.1	2.8	0.7
982	12/28/2015 22:16:06	9.18	37.61	23.72	10.58	7.98	29.8	2.028	107.0	3.1	0.7
983	12/28/2015 22:31:06	9.26	38.18	24.12	10.50	7.99	24.0	2.142	106.8	2.6	0.6
984	12/28/2015 22:46:06	9.36	39.18	24.82	10.42	8.00	25.0	2.222	106.7	2.2	0.5
985	12/28/2015 23:01:07	9.40	39.49	25.04	10.39	8.01	24.1	2.321	106.6	2.4	0.6
986	12/28/2015 23:16:06	9.42	39.67	25.17	10.37	8.01	20.8	2.434	106.5	1.7	0.4
987	12/28/2015 23:31:07	9.44	39.81	25.26	10.37	8.01	25.6	2.526	106.6	2.6	0.6
988	12/28/2015 23:46:07	9.45	39.95	25.36	10.36	8.02	23.0	2.625	106.6	2.1	0.5
989	12/29/2015 00:01:07	9.46	40.05	25.43	10.34	8.02	26.7	2.717	106.5	1.8	0.4
990	12/29/2015 00:16:07	9.50	40.34	25.64	10.32	8.02	29.7	2.817	106.5	2.3	0.5
991	12/29/2015 00:31:07	9.57	40.68	25.87	10.32	8.03	27.5	2.903	106.8	2.4	0.6
992	12/29/2015 00:46:07	9.60	41.05	26.14	10.29	8.04	22.6	3.007	106.7	2.5	0.6
993	12/29/2015 01:01:07	9.74	41.85	26.71	10.26	8.05	23.0	3.106	107.1	2.2	0.5
994	12/29/2015 01:16:07	9.86	42.77	27.36	10.37	8.06	23.8	3.210	109.0	1.6	0.4
995	12/29/2015 01:31:07	9.95	43.40	27.81	10.38	8.07	23.1	3.286	109.8	1.7	0.4
996	12/29/2015 01:46:07	10.00	43.82	28.12	10.37	8.08	20.8	3.380	109.9	1.1	0.3
997	12/29/2015 02:01:07	10.05	44.09	28.31	10.37	8.08	21.0	3.450	110.2	1.7	0.4
998	12/29/2015 02:16:07	10.13	44.53	28.63	10.38	8.08	19.2	3.530	110.7	1.6	0.4

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	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
999	12/29/2015 02:31:06	10.20	44.85	28.86	10.40	8.09	17.3	3.553	111.3	1.6	0.4
1000	12/29/2015 02:46:07	10.25	45.05	29.00	10.41	8.09	16.2	3.617	111.6	1.3	0.3
1001	12/29/2015 03:01:07	10.30	45.36	29.23	10.39	8.10	14.7	3.675	111.7	1.2	0.3
1002	12/29/2015 03:16:07	10.35	45.55	29.36	10.27	8.10	9.2	3.657	110.7	0.6	0.1
1003	12/29/2015 03:31:07	10.29	45.20	29.11	10.30	8.09	12.5	3.632	110.6	1.2	0.3
1004	12/29/2015 03:46:07	9.65	43.13	27.60	10.37	8.07	11.1	3.595	108.7	1.5	0.4
1005	12/29/2015 04:01:07	9.58	42.89	27.44	10.42	8.07	13.6	3.527	109.0	1.2	0.3
1006	12/29/2015 04:16:07	9.23	41.29	26.29	10.43	8.04	12.9	3.472	107.5	1.9	0.4
1007	12/29/2015 04:31:07	9.39	41.61	26.52	10.35	8.04	13.4	3.395	107.1	2.0	0.5
1008	12/29/2015 04:46:07	9.13	40.60	25.80	10.39	8.03	15.0	3.296	106.5	1.8	0.4
1009	12/29/2015 05:01:07	9.51	41.72	26.61	10.35	8.05	18.4	3.201	107.5	2.0	0.5
1010	12/29/2015 05:16:07	9.59	42.02	26.82	10.30	8.05	18.8	3.132	107.3	1.8	0.4
1011	12/29/2015 05:31:07	9.45	41.30	26.30	10.32	8.04	14.1	3.028	106.9	1.9	0.4
1012	12/29/2015 05:46:07	9.31	40.70	25.88	10.32	8.03	14.0	2.980	106.2	2.2	0.5
1013	12/29/2015 06:01:06	9.05	40.21	25.52	10.39	8.02	10.9	2.910	106.1	2.3	0.5
1014	12/29/2015 06:16:07	9.03	40.14	25.47	10.40	8.02	10.2	2.824	106.0	1.6	0.4
1015	12/29/2015 06:31:07	9.01	40.07	25.42	10.39	8.02	9.9	2.766	105.9	1.7	0.4
1016	12/29/2015 06:46:06	8.93	39.96	25.34	10.40	8.01	9.2	2.708	105.7	1.9	0.4
1017	12/29/2015 07:01:07	8.89	40.09	25.43	10.39	8.01	9.5	2.617	105.7	1.8	0.4
1018	12/29/2015 07:16:06	8.86	39.61	25.09	10.41	8.01	9.8	2.574	105.5	1.8	0.4
1019	12/29/2015 07:31:07	8.92	39.48	25.00	10.38	8.00	10.3	2.505	105.3	1.3	0.3
1020	12/29/2015 07:46:07	8.64	39.27	24.84	10.41	7.99	9.2	2.474	104.8	2.0	0.5
1021	12/29/2015 08:01:07	8.67	39.00	24.65	10.40	7.99	9.5	2.427	104.7	2.0	0.5
1022	12/29/2015 08:16:07	8.67	38.80	24.52	10.37	7.98	8.8	2.453	104.3	1.9	0.4
1023	12/29/2015 08:31:06	8.64	38.74	24.47	10.44	7.99	11.3	2.419	104.9	2.0	0.5
1024	12/29/2015 08:46:07	8.82	39.39	24.93	10.40	8.00	9.9	2.458	105.2	2.0	0.5
1025	12/29/2015 09:01:07	8.95	39.63	25.11	10.38	8.00	10.4	2.473	105.5	1.4	0.3
1026	12/29/2015 09:16:07	9.14	40.24	25.55	10.35	8.01	11.3	2.511	105.9	1.5	0.4
1027	12/29/2015 09:31:07	8.90	39.55	25.05	10.41	8.00	12.4	2.562	105.6	2.3	0.5
1028	12/29/2015 09:46:07	8.83	39.29	24.86	10.44	7.99	11.5	2.633	105.6	1.9	0.5
1029	12/29/2015 10:01:07	9.04	39.83	25.25	10.37	8.01	11.4	2.695	105.7	1.4	0.3
1030	12/29/2015 10:16:07	9.22	40.46	25.71	10.36	8.02	11.2	2.761	106.3	1.5	0.3
1031	12/29/2015 10:31:07	9.18	40.40	25.66	10.39	8.02	11.5	2.835	106.5	1.8	0.4
1032	12/29/2015 10:46:07	9.23	40.68	25.86	10.40	8.02	11.4	2.919	106.8	1.6	0.4
1033	12/29/2015 11:01:07	9.31	41.11	26.17	10.41	8.03	11.7	2.987	107.4	1.1	0.3
1034	12/29/2015 11:16:07	9.37	41.14	26.19	10.42	8.03	10.1	3.060	107.6	1.4	0.3
1035	12/29/2015 11:31:07	9.45	41.44	26.40	10.43	8.04	9.0	3.133	108.0	0.7	0.2

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	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1036	12/29/2015 11:46:07	9.62	42.17	26.93	10.41	8.05	9.1	3.214	108.6	1.8	0.4
1037	12/29/2015 12:01:07	9.77	42.85	27.42	10.39	8.06	10.0	3.284	109.1	1.2	0.3
1038	12/29/2015 12:16:06	9.87	43.47	27.86	10.37	8.07	11.4	3.351	109.5	1.1	0.3
1039	12/29/2015 12:31:07	9.94	43.92	28.18	10.36	8.07	14.4	3.440	109.7	1.1	0.3
1040	12/29/2015 12:46:07	10.00	43.96	28.21	10.36	8.07	10.9	3.494	109.9	1.8	0.4
1041	12/29/2015 13:01:06	10.02	44.20	28.39	10.33	8.08	12.2	3.552	109.8	1.1	0.3
1042	12/29/2015 13:16:07	10.01	44.33	28.48	10.32	8.08	11.4	3.604	109.7	1.1	0.3
1043	12/29/2015 13:31:07	10.01	44.36	28.50	10.31	8.08	12.3	3.653	109.6	1.3	0.3
1044	12/29/2015 13:46:07	10.03	44.47	28.58	10.30	8.08	10.8	3.692	109.6	1.0	0.2
1045	12/29/2015 14:01:07	10.08	44.55	28.64	10.28	8.08	9.5	3.680	109.6	0.7	0.2
1046	12/29/2015 14:16:07	10.04	44.42	28.55	10.25	8.08	9.4	3.695	109.1	1.1	0.3
1047	12/29/2015 14:31:07	10.06	44.59	28.66	10.23	8.08	10.2	3.690	109.0	1.0	0.2
1048	12/29/2015 14:46:08	10.04	44.33	28.48	10.23	8.08	11.3	3.624	108.8	1.3	0.3
1049	12/29/2015 15:01:07	10.01	43.35	27.78	10.25	8.07	10.2	3.594	108.5	1.2	0.3
1050	12/29/2015 15:16:06	9.95	43.15	27.64	10.28	8.07	11.8	3.530	108.6	1.5	0.3
1051	12/29/2015 15:31:07	9.87	42.35	27.07	10.34	8.06	11.3	3.453	108.6	1.7	0.4
1052	12/29/2015 15:46:07	9.84	42.33	27.05	10.36	8.06	8.7	3.361	108.7	1.4	0.3
1053	12/29/2015 16:01:07	9.79	42.06	26.86	10.39	8.05	8.3	3.258	108.8	1.4	0.3
1054	12/29/2015 16:16:07	9.77	41.97	26.79	10.39	8.05	8.4	3.176	108.7	1.4	0.3
1055	12/29/2015 16:31:07	9.72	41.92	26.76	10.37	8.05	8.9	3.067	108.4	1.4	0.3
1056	12/29/2015 16:46:07	9.66	41.67	26.58	10.39	8.05	9.2	2.966	108.2	1.3	0.3
1057	12/29/2015 17:01:07	9.58	41.12	26.19	10.42	8.04	8.7	2.850	108.1	1.8	0.4
1058	12/29/2015 17:16:07	9.60	41.25	26.28	10.38	8.04	8.4	2.752	107.8	1.9	0.5
1059	12/29/2015 17:31:07	9.52	40.98	26.08	10.37	8.03	9.0	2.638	107.4	2.0	0.5
1060	12/29/2015 17:46:06	9.41	40.43	25.70	10.42	8.02	9.2	2.515	107.3	1.5	0.3
1061	12/29/2015 18:01:07	9.35	40.34	25.63	10.40	8.02	9.4	2.404	106.9	1.4	0.3
1062	12/29/2015 18:16:06	9.24	39.75	25.21	10.41	8.01	13.3	2.297	106.6	2.2	0.5
1063	12/29/2015 18:31:07	9.14	39.72	25.18	10.43	8.01	11.1	2.177	106.5	1.8	0.4
1064	12/29/2015 18:46:07	9.04	39.46	25.00	10.44	8.00	10.6	2.057	106.2	2.2	0.5
1065	12/29/2015 19:01:07	8.93	39.14	24.77	10.48	8.00	12.4	1.917	106.1	1.9	0.4
1066	12/29/2015 19:16:07	8.87	38.86	24.57	10.50	7.99	12.6	1.836	106.1	2.2	0.5
1067	12/29/2015 19:31:07	8.84	38.67	24.44	10.50	7.98	12.7	1.751	106.0	1.9	0.5
1068	12/29/2015 19:46:06	8.82	38.55	24.35	10.52	7.98	14.5	1.635	106.0	2.3	0.5
1069	12/29/2015 20:01:07	8.83	38.40	24.25	10.50	7.98	15.0	1.575	105.8	2.8	0.7
1070	12/29/2015 20:16:07	8.83	38.34	24.21	10.50	7.98	14.0	1.532	105.7	2.1	0.5
1071	12/29/2015 20:31:07	8.83	38.30	24.18	10.46	7.97	15.0	1.516	105.4	1.9	0.5
1072	12/29/2015 20:46:07	8.86	38.42	24.26	10.53	7.97	14.6	1.513	106.2	2.5	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	Fluorescence %FS
1073	12/29/2015 21:01:07	8.90	38.58	24.37	10.49	7.98	12.2	1.515	105.9	2.2	0.5
1074	12/29/2015 21:16:07	8.90	38.64	24.42	10.50	7.98	13.0	1.577	106.1	2.1	0.5
1075	12/29/2015 21:31:07	8.87	38.64	24.42	10.51	7.98	12.1	1.643	106.1	2.4	0.6
1076	12/29/2015 21:46:07	8.90	38.31	24.19	10.54	7.98	10.7	1.705	106.3	2.1	0.5
1077	12/29/2015 22:01:07	8.91	37.79	23.83	10.55	7.97	10.9	1.785	106.2	2.2	0.5
1078	12/29/2015 22:16:07	8.94	37.99	23.97	10.51	7.97	10.8	1.875	106.0	2.4	0.6
1079	12/29/2015 22:31:07	8.96	37.98	23.97	10.51	7.97	10.5	1.953	106.0	1.7	0.4
1080	12/29/2015 22:46:07	9.03	38.66	24.44	10.46	7.98	11.1	2.033	106.0	2.0	0.5
1081	12/29/2015 23:01:07	9.17	38.93	24.64	10.44	7.99	11.2	2.109	106.3	2.0	0.5
1082	12/29/2015 23:16:07	9.21	39.15	24.79	10.43	7.99	10.0	2.213	106.3	2.1	0.5
1083	12/29/2015 23:31:07	9.30	39.82	25.26	10.38	8.00	10.8	2.319	106.4	1.8	0.4
1084	12/29/2015 23:46:07	9.34	40.18	25.51	10.37	8.01	10.8	2.405	106.6	2.0	0.5
1085	12/30/2015 00:01:07	9.33	40.22	25.55	10.37	8.01	10.9	2.506	106.6	1.7	0.4
1086	12/30/2015 00:16:07	9.33	40.25	25.56	10.37	8.01	11.8	2.598	106.6	1.6	0.4
1087	12/30/2015 00:31:07	9.41	40.60	25.81	10.37	8.01	15.0	2.695	106.9	1.5	0.4
1088	12/30/2015 00:46:07	9.45	40.77	25.94	10.39	8.02	13.9	2.782	107.3	2.2	0.5
1089	12/30/2015 01:01:07	9.51	41.07	26.15	10.37	8.02	14.2	2.881	107.4	1.3	0.3
1090	12/30/2015 01:16:07	9.56	41.35	26.34	10.36	8.03	14.1	2.964	107.5	1.8	0.4
1091	12/30/2015 01:31:07	9.59	41.62	26.54	10.37	8.03	14.7	3.063	107.8	1.7	0.4
1092	12/30/2015 01:46:07	9.65	42.08	26.86	10.33	8.04	14.3	3.157	107.9	1.8	0.4
1093	12/30/2015 02:01:07	9.82	43.04	27.55	10.24	8.05	15.9	3.234	107.8	2.0	0.5
1094	12/30/2015 02:16:07	9.94	43.90	28.16	10.17	8.06	18.2	3.327	107.8	1.4	0.3
1095	12/30/2015 02:31:07	10.04	44.55	28.63	10.08	8.06	16.9	3.413	107.3	1.7	0.4
1096	12/30/2015 02:46:07	10.08	44.80	28.82	10.04	8.07	17.7	3.481	107.1	1.4	0.3
1097	12/30/2015 03:01:07	10.13	45.12	29.05	9.96	8.07	16.6	3.540	106.6	1.2	0.3
1098	12/30/2015 03:16:07	10.16	45.33	29.20	9.90	8.07	14.7	3.594	106.1	1.7	0.4
1099	12/30/2015 03:31:07	10.24	45.74	29.49	9.75	8.07	13.8	3.616	104.8	1.3	0.3
1100	12/30/2015 03:46:07	10.29	46.06	29.73	9.58	8.07	13.3	3.649	103.2	1.6	0.4
1101	12/30/2015 04:01:06	10.23	45.60	29.39	9.67	8.07	12.6	3.642	103.9	1.3	0.3
1102	12/30/2015 04:16:06	10.24	45.74	29.50	9.70	8.07	11.9	3.607	104.3	1.5	0.3
1103	12/30/2015 04:31:07	10.16	45.27	29.15	9.79	8.06	11.1	3.573	104.8	1.5	0.4
1104	12/30/2015 04:46:07	9.96	44.08	28.30	9.95	8.06	12.2	3.518	105.5	1.5	0.4
1105	12/30/2015 05:01:07	9.64	42.53	27.18	10.14	8.04	12.8	3.442	106.0	1.4	0.3
1106	12/30/2015 05:16:07	9.53	42.37	27.06	10.17	8.04	10.9	3.377	106.0	1.6	0.4
1107	12/30/2015 05:31:07	9.58	42.53	27.18	10.17	8.04	11.4	3.279	106.2	1.2	0.3
1108	12/30/2015 05:46:07	9.41	41.71	26.60	10.26	8.04	12.7	3.215	106.3	1.2	0.3
1109	12/30/2015 06:01:07	9.48	41.81	26.67	10.22	8.03	11.9	3.138	106.1	1.7	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	Fluorescence %FS
1110	12/30/2015 06:16:07	9.41	41.40	26.37	10.27	8.03	10.8	3.046	106.3	1.5	0.4
1111	12/30/2015 06:31:06	9.32	40.95	26.05	10.30	8.02	10.2	2.982	106.1	1.8	0.4
1112	12/30/2015 06:46:06	9.29	41.05	26.12	10.28	8.02	9.2	2.895	105.9	1.5	0.4
1113	12/30/2015 07:01:07	9.13	40.53	25.75	10.33	8.01	7.7	2.841	105.8	1.6	0.4
1114	12/30/2015 07:16:06	9.14	40.63	25.82	10.32	8.01	7.3	2.768	105.8	1.7	0.4
1115	12/30/2015 07:31:07	9.09	40.25	25.55	10.36	8.01	8.4	2.697	105.9	1.9	0.5
1116	12/30/2015 07:46:07	9.03	40.11	25.45	10.35	8.00	7.8	2.641	105.6	1.6	0.4
1117	12/30/2015 08:01:06	8.98	39.88	25.29	10.35	8.00	7.7	2.579	105.3	1.7	0.4
1118	12/30/2015 08:16:06	8.93	39.83	25.25	10.35	8.00	7.2	2.550	105.2	1.9	0.5
1119	12/30/2015 08:31:07	8.90	39.72	25.17	10.33	7.99	7.0	2.486	104.9	1.8	0.4
1120	12/30/2015 08:46:07	8.90	39.62	25.10	10.33	7.99	6.4	2.470	104.8	2.1	0.5
1121	12/30/2015 09:01:07	8.90	39.49	25.01	10.31	7.99	6.7	2.466	104.5	1.2	0.3
1122	12/30/2015 09:16:07	8.99	39.86	25.27	10.32	7.99	6.5	2.444	105.1	1.9	0.4
1123	12/30/2015 09:31:07	9.01	39.97	25.35	10.33	7.99	6.9	2.457	105.3	1.5	0.4
1124	12/30/2015 09:46:07	9.07	40.08	25.43	10.32	8.00	7.4	2.471	105.4	1.9	0.5
1125	12/30/2015 10:01:06	9.14	40.23	25.54	10.31	8.00	7.8	2.512	105.5	2.2	0.5
1126	12/30/2015 10:16:07	9.10	40.12	25.46	10.32	8.00	8.0	2.547	105.5	1.8	0.4
1127	12/30/2015 10:31:07	9.08	39.93	25.32	10.36	7.99	8.7	2.595	105.7	1.7	0.4
1128	12/30/2015 10:46:07	9.04	39.57	25.07	10.40	7.99	8.1	2.653	105.9	1.9	0.4
1129	12/30/2015 11:01:07	9.14	40.08	25.43	10.35	7.99	8.5	2.713	105.8	2.0	0.5
1130	12/30/2015 11:16:07	9.27	40.72	25.89	10.29	8.01	7.6	2.766	105.9	1.5	0.4
1131	12/30/2015 11:31:07	9.30	40.84	25.97	10.28	8.01	7.9	2.836	105.9	1.5	0.4
1132	12/30/2015 11:46:07	9.42	41.28	26.29	10.23	8.01	7.9	2.897	105.9	2.0	0.5
1133	12/30/2015 12:01:07	9.43	41.31	26.31	10.25	8.01	7.9	2.955	106.0	1.4	0.3
1134	12/30/2015 12:16:07	9.48	41.52	26.46	10.25	8.02	8.1	3.016	106.3	1.8	0.4
1135	12/30/2015 12:31:07	9.60	41.84	26.69	10.21	8.02	8.4	3.090	106.4	1.0	0.2
1136	12/30/2015 12:46:07	9.67	42.27	27.00	10.15	8.03	8.9	3.149	106.0	1.1	0.3
1137	12/30/2015 13:01:07	9.77	42.95	27.48	9.99	8.03	8.3	3.203	105.0	1.0	0.2
1138	12/30/2015 13:16:07	9.86	43.80	28.09	9.83	8.03	8.3	3.268	103.9	1.1	0.3
1139	12/30/2015 13:31:07	9.90	44.04	28.27	9.77	8.04	8.4	3.323	103.5	1.2	0.3
1140	12/30/2015 13:46:07	9.95	44.18	28.37	9.73	8.04	7.7	3.371	103.3	1.4	0.3
1141	12/30/2015 14:01:07	10.00	44.55	28.63	9.65	8.04	8.1	3.404	102.6	1.2	0.3
1142	12/30/2015 14:16:07	10.06	44.95	28.92	9.54	8.04	8.1	3.440	101.8	0.9	0.2
1143	12/30/2015 14:31:07	10.02	44.52	28.61	9.66	8.04	7.6	3.469	102.8	1.3	0.3
1144	12/30/2015 14:46:07	10.03	44.56	28.64	9.55	8.04	6.7	3.478	101.7	1.1	0.3
1145	12/30/2015 15:01:07	10.01	44.71	28.75	9.49	8.04	7.4	3.484	101.0	1.3	0.3
1146	12/30/2015 15:16:07	9.96	44.38	28.51	9.60	8.03	7.1	3.472	102.0	1.2	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	Fluorescence %FS
1147	12/30/2015 15:31:07	9.97	44.48	28.58	9.55	8.03	8.1	3.421	101.5	0.6	0.2
1148	12/30/2015 15:46:07	10.00	42.54	27.21	10.02	8.03	7.2	3.389	105.6	1.4	0.3
1149	12/30/2015 16:01:07	9.90	42.41	27.11	10.07	8.03	7.3	3.347	105.9	1.6	0.4
1150	12/30/2015 16:16:07	9.96	42.03	26.84	10.22	8.03	8.6	3.267	107.4	2.1	0.5
1151	12/30/2015 16:31:07	9.94	42.27	27.01	10.20	8.04	7.7	3.194	107.2	2.1	0.5
1152	12/30/2015 16:46:07	9.91	42.35	27.07	10.18	8.03	7.4	3.107	107.0	1.9	0.5
1153	12/30/2015 17:01:07	9.86	42.10	26.89	10.22	8.03	7.2	3.030	107.2	2.0	0.5
1154	12/30/2015 17:16:07	9.77	41.70	26.60	10.27	8.03	7.2	2.951	107.3	2.3	0.5
1155	12/30/2015 17:31:07	9.71	41.37	26.37	10.31	8.02	6.7	2.864	107.4	1.8	0.4
1156	12/30/2015 17:46:07	9.63	40.95	26.07	10.33	8.02	6.6	2.781	107.3	1.9	0.4
1157	12/30/2015 18:01:07	9.60	41.01	26.11	10.32	8.02	7.9	2.672	107.1	1.9	0.5
1158	12/30/2015 18:16:07	9.51	40.55	25.79	10.36	8.01	8.3	2.594	107.0	1.6	0.4
1159	12/30/2015 18:31:07	9.46	40.59	25.81	10.37	8.01	7.5	2.473	107.1	1.4	0.3
1160	12/30/2015 18:46:07	9.38	40.29	25.60	10.40	8.01	8.6	2.387	107.1	2.3	0.6
1161	12/30/2015 19:01:08	9.31	39.90	25.32	10.41	8.00	8.9	2.289	106.7	2.0	0.5
1162	12/30/2015 19:16:07	9.24	39.68	25.16	10.43	8.00	8.8	2.184	106.7	1.7	0.4
1163	12/30/2015 19:31:07	9.16	39.48	25.01	10.51	8.00	9.6	2.077	107.2	2.2	0.5
1164	12/30/2015 19:46:07	9.12	39.19	24.81	10.54	7.99	9.4	1.988	107.3	2.6	0.6
1165	12/30/2015 20:01:07	9.07	39.12	24.76	10.54	7.99	9.5	1.898	107.1	1.6	0.4
1166	12/30/2015 20:16:07	9.04	39.01	24.68	10.57	7.98	9.7	1.820	107.3	1.5	0.4
1167	12/30/2015 20:31:07	9.04	38.97	24.66	10.55	7.98	9.5	1.758	107.1	1.9	0.5
1168	12/30/2015 20:46:07	9.06	38.82	24.55	10.53	7.98	9.0	1.725	106.9	2.7	0.6
1169	12/30/2015 21:01:07	9.05	38.80	24.54	10.51	7.98	8.6	1.682	106.6	2.0	0.5
1170	12/30/2015 21:16:07	9.13	38.97	24.66	10.54	7.98	8.2	1.693	107.2	2.1	0.5
1171	12/30/2015 21:31:07	9.03	38.90	24.61	10.61	7.98	8.1	1.706	107.7	2.4	0.6
1172	12/30/2015 21:46:06	9.03	38.96	24.65	10.59	7.98	8.2	1.734	107.4	2.1	0.5
1173	12/30/2015 22:01:07	9.06	39.04	24.71	10.56	7.98	8.6	1.778	107.2	1.8	0.4
1174	12/30/2015 22:16:07	8.97	38.06	24.02	10.64	7.97	7.6	1.830	107.3	1.2	0.3
1175	12/30/2015 22:31:06	9.09	38.90	24.61	10.55	7.98	7.6	1.907	107.2	2.3	0.5
1176	12/30/2015 22:46:06	9.14	38.57	24.38	10.55	7.97	8.3	1.967	107.1	1.3	0.3
1177	12/30/2015 23:01:08	9.18	38.72	24.49	10.48	7.97	7.8	2.043	106.6	2.4	0.6
1178	12/30/2015 23:16:07	9.23	39.17	24.80	10.43	7.98	7.9	2.125	106.4	1.7	0.4
1179	12/30/2015 23:31:07	9.32	39.29	24.89	10.40	7.98	8.7	2.207	106.4	1.5	0.4
1180	12/30/2015 23:46:07	9.35	39.25	24.87	10.39	7.98	8.1	2.287	106.4	2.0	0.5
1181	12/31/2015 00:01:07	9.40	39.57	25.09	10.36	7.98	7.8	2.364	106.3	2.2	0.5
1182	12/31/2015 00:16:07	9.51	40.67	25.87	10.23	8.00	8.8	2.451	105.7	1.7	0.4
1183	12/31/2015 00:31:07	9.55	40.86	26.01	10.18	8.00	9.4	2.533	105.5	1.4	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	Fluorescence %FS
1184	12/31/2015 00:46:07	9.58	41.26	26.28	10.13	8.00	8.6	2.620	105.2	1.0	0.2
1185	12/31/2015 01:01:07	9.58	41.37	26.36	10.12	8.00	9.1	2.696	105.1	2.0	0.5
1186	12/31/2015 01:16:07	9.58	41.59	26.52	10.08	8.00	8.6	2.786	104.8	1.4	0.3
1187	12/31/2015 01:31:07	9.49	41.55	26.49	10.11	8.00	8.4	2.868	104.9	1.9	0.4
1188	12/31/2015 01:46:07	9.79	42.55	27.20	9.94	8.01	12.4	2.952	104.3	1.7	0.4
1189	12/31/2015 02:01:07	9.78	42.72	27.32	9.91	8.01	11.9	3.030	104.0	1.7	0.4
1190	12/31/2015 02:16:07	9.83	43.07	27.57	9.87	8.02	13.1	3.118	103.9	2.0	0.5
1191	12/31/2015 02:31:07	9.80	43.18	27.65	9.88	8.02	15.3	3.207	104.0	1.7	0.4
1192	12/31/2015 02:46:06	9.87	43.83	28.12	9.83	8.03	17.0	3.284	103.9	1.6	0.4
1193	12/31/2015 03:01:07	9.91	44.42	28.53	9.78	8.03	17.3	3.365	103.8	2.1	0.5
1194	12/31/2015 03:16:07	9.98	45.03	28.97	9.73	8.05	20.0	3.443	103.7	1.3	0.3
1195	12/31/2015 03:31:07	10.02	45.36	29.21	9.71	8.04	16.7	3.502	103.7	1.3	0.3
1196	12/31/2015 03:46:07	10.02	45.52	29.32	9.70	8.04	13.1	3.547	103.7	1.3	0.3
1197	12/31/2015 04:01:07	10.03	45.74	29.48	9.66	8.04	13.3	3.588	103.4	1.2	0.3
1198	12/31/2015 04:16:07	10.04	45.88	29.58	9.61	8.04	13.0	3.616	102.9	1.1	0.3
1199	12/31/2015 04:31:07	10.06	45.93	29.62	9.52	8.04	12.4	3.627	102.1	1.2	0.3
1200	12/31/2015 04:46:07	10.06	45.82	29.54	9.54	8.04	10.9	3.617	102.2	1.1	0.3
1201	12/31/2015 05:01:07	10.08	46.03	29.70	9.52	8.04	11.2	3.580	102.1	1.4	0.3
1202	12/31/2015 05:16:07	9.87	44.94	28.90	9.64	8.03	12.2	3.551	102.5	1.9	0.5
1203	12/31/2015 05:31:07	9.35	43.40	27.78	9.87	8.03	9.2	3.502	102.9	1.9	0.4
1204	12/31/2015 05:46:07	9.27	42.51	27.15	9.96	8.01	8.7	3.441	103.2	1.7	0.4
1205	12/31/2015 06:01:07	9.23	42.28	26.98	9.99	8.01	9.8	3.360	103.4	1.4	0.3
1206	12/31/2015 06:16:07	9.35	42.43	27.09	9.98	8.01	13.3	3.286	103.6	1.7	0.4
1207	12/31/2015 06:31:07	9.42	42.22	26.95	9.94	8.02	11.2	3.221	103.3	1.7	0.4
1208	12/31/2015 06:46:07	9.56	43.27	27.70	9.85	8.02	10.9	3.136	103.2	1.7	0.4
1209	12/31/2015 07:01:07	9.36	42.10	26.86	9.98	8.01	10.3	3.066	103.5	1.8	0.4
1210	12/31/2015 07:16:07	9.46	42.56	27.19	9.91	8.01	10.2	3.003	103.2	1.7	0.4
1211	12/31/2015 07:31:07	9.15	41.72	26.59	10.06	8.00	9.0	2.930	103.7	1.8	0.4
1212	12/31/2015 07:46:07	8.85	41.28	26.26	10.15	7.99	6.9	2.872	103.6	2.1	0.5
1213	12/31/2015 08:01:07	8.79	41.04	26.08	10.16	7.99	6.8	2.800	103.5	1.1	0.3
1214	12/31/2015 08:16:07	8.75	40.99	26.05	10.20	7.98	6.6	2.733	103.7	1.6	0.4
1215	12/31/2015 08:31:06	8.69	40.86	25.95	10.21	7.98	6.1	2.668	103.7	1.6	0.4
1216	12/31/2015 08:46:07	8.72	40.76	25.89	10.22	7.98	6.2	2.622	103.8	1.7	0.4
1217	12/31/2015 09:01:07	8.78	40.69	25.84	10.21	7.98	6.1	2.568	103.8	2.0	0.5
1218	12/31/2015 09:16:07	8.72	40.44	25.66	10.23	7.98	6.2	2.517	103.8	2.6	0.6
1219	12/31/2015 09:31:07	8.56	40.45	25.66	10.27	7.98	5.4	2.497	103.7	1.8	0.4
1220	12/31/2015 09:46:07	8.58	40.30	25.56	10.28	7.98	5.9	2.454	103.9	1.5	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	Fluorescence %FS
1221	12/31/2015 10:01:07	8.63	40.21	25.49	10.25	7.98	5.6	2.444	103.6	1.3	0.3
1222	12/31/2015 10:16:07	8.74	40.67	25.82	10.22	7.98	5.6	2.427	103.8	1.7	0.4
1223	12/31/2015 10:31:07	8.87	40.90	25.99	10.19	7.98	5.8	2.449	103.9	1.4	0.3
1224	12/31/2015 10:46:07	8.90	40.89	25.99	10.17	7.98	6.4	2.462	103.7	1.3	0.3
1225	12/31/2015 11:01:06	8.99	41.17	26.19	10.11	7.98	6.6	2.485	103.5	1.2	0.3
1226	12/31/2015 11:16:07	8.99	41.13	26.16	10.12	7.98	6.9	2.526	103.6	1.6	0.4
1227	12/31/2015 11:31:07	8.89	40.79	25.92	10.21	7.98	7.4	2.560	104.1	1.8	0.4
1228	12/31/2015 11:46:07	8.85	40.64	25.81	10.23	7.97	6.9	2.623	104.1	1.4	0.3
1229	12/31/2015 12:01:07	9.01	41.09	26.13	10.14	7.98	7.1	2.669	103.8	1.3	0.3
1230	12/31/2015 12:16:07	9.11	41.49	26.42	10.07	7.99	6.7	2.718	103.6	1.4	0.3
1231	12/31/2015 12:31:07	9.19	41.75	26.61	10.04	7.99	6.4	2.780	103.5	1.2	0.3
1232	12/31/2015 12:46:07	9.27	42.18	26.92	9.98	7.99	6.7	2.839	103.3	1.3	0.3
1233	12/31/2015 13:01:07	9.23	41.88	26.70	10.04	7.99	6.2	2.880	103.7	1.5	0.4
1234	12/31/2015 13:16:07	9.24	41.90	26.71	10.09	8.00	6.7	2.936	104.3	1.5	0.4
1235	12/31/2015 13:31:07	9.32	42.34	27.03	10.06	8.00	7.3	2.995	104.4	1.1	0.3
1236	12/31/2015 13:46:07	9.52	43.57	27.91	9.80	8.01	7.3	3.041	102.6	1.2	0.3
1237	12/31/2015 14:01:07	9.58	43.78	28.06	9.75	8.01	7.1	3.080	102.3	0.7	0.2
1238	12/31/2015 14:16:07	9.56	43.59	27.93	9.80	8.01	7.0	3.129	102.7	1.2	0.3
1239	12/31/2015 14:31:07	9.60	43.73	28.03	9.78	8.01	6.7	3.179	102.7	1.2	0.3
1240	12/31/2015 14:46:08	9.64	43.87	28.13	9.72	8.01	7.9	3.210	102.3	1.0	0.2
1241	12/31/2015 15:01:07	9.65	43.55	27.91	9.79	8.01	6.2	3.247	102.9	1.2	0.3
1242	12/31/2015 15:16:08	9.66	43.90	28.15	9.73	8.01	6.3	3.268	102.4	1.1	0.3
1243	12/31/2015 15:31:07	9.59	43.74	28.04	9.64	8.01	5.1	3.288	101.2	0.8	0.2
1244	12/31/2015 15:46:07	9.60	43.83	28.10	9.59	8.01	5.6	3.294	100.7	1.4	0.3
1245	12/31/2015 16:01:08	9.58	43.76	28.05	9.60	8.01	6.0	3.281	100.9	1.0	0.2
1246	12/31/2015 16:16:07	9.59	43.86	28.12	9.59	8.01	6.7	3.257	100.8	1.6	0.4
1247	12/31/2015 16:31:07	9.55	42.73	27.32	9.76	8.00	6.8	3.239	101.9	1.2	0.3
1248	12/31/2015 16:46:07	9.51	42.47	27.13	10.01	8.01	6.7	3.190	104.3	2.3	0.5
1249	12/31/2015 17:01:07	9.47	42.10	26.87	10.08	8.01	6.2	3.156	104.8	1.9	0.4
1250	12/31/2015 17:16:07	9.42	41.99	26.79	10.12	8.01	6.0	3.083	105.0	1.3	0.3
1251	12/31/2015 17:31:07	9.46	42.13	26.89	10.05	8.00	6.5	3.025	104.5	1.9	0.5
1252	12/31/2015 17:46:07	9.34	41.91	26.73	10.19	8.00	6.4	2.950	105.5	2.2	0.5
1253	12/31/2015 18:01:07	9.23	41.73	26.60	10.21	8.00	5.7	2.883	105.4	2.7	0.6
1254	12/31/2015 18:16:07	9.18	41.43	26.38	10.24	8.00	5.9	2.817	105.4	1.8	0.4
1255	12/31/2015 18:31:07	9.12	41.26	26.26	10.26	8.00	5.9	2.733	105.4	2.0	0.5
1256	12/31/2015 18:46:07	9.09	41.10	26.15	10.27	7.99	6.5	2.657	105.4	1.4	0.3
1257	12/31/2015 19:01:06	8.96	41.00	26.06	10.30	7.99	5.9	2.573	105.3	1.6	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	Fluorescence %FS
1258	12/31/2015 19:16:07	9.02	40.80	25.93	10.31	7.99	7.8	2.493	105.4	1.8	0.4
1259	12/31/2015 19:31:07	8.93	40.83	25.95	10.33	7.99	7.6	2.418	105.5	1.5	0.3
1260	12/31/2015 19:46:07	8.87	40.76	25.89	10.37	7.99	7.2	2.333	105.7	1.5	0.3
1261	12/31/2015 20:01:07	8.79	40.66	25.82	10.38	7.99	7.1	2.243	105.5	1.3	0.3
1262	12/31/2015 20:16:07	8.75	40.41	25.64	10.44	7.99	8.0	2.169	106.0	2.0	0.5
1263	12/31/2015 20:31:07	8.73	40.41	25.64	10.45	7.99	8.2	2.106	106.0	1.7	0.4
1264	12/31/2015 20:46:07	8.64	40.31	25.57	10.45	7.99	7.5	2.045	105.7	2.1	0.5
1265	12/31/2015 21:01:07	8.62	40.06	25.39	10.52	7.99	7.6	1.975	106.2	1.8	0.4
1266	12/31/2015 21:16:07	8.54	39.88	25.26	10.55	7.99	6.7	1.949	106.3	2.1	0.5
1267	12/31/2015 21:31:07	8.55	39.75	25.17	10.57	7.99	6.4	1.914	106.4	2.3	0.5
1268	12/31/2015 21:46:07	8.82	40.31	25.58	10.40	7.98	5.9	1.890	105.6	2.1	0.5
1269	12/31/2015 22:01:07	8.57	39.82	25.22	10.61	7.99	6.2	1.889	107.0	1.9	0.4
1270	12/31/2015 22:16:06	8.50	39.82	25.22	10.66	7.99	6.1	1.909	107.2	1.7	0.4
1271	12/31/2015 22:31:07	8.76	40.44	25.66	10.41	7.98	7.4	1.939	105.6	1.5	0.4
1272	12/31/2015 22:46:07	8.85	40.47	25.69	10.38	7.99	6.8	1.976	105.6	1.7	0.4
1273	12/31/2015 23:01:07	8.76	40.33	25.59	10.43	7.98	6.7	2.021	105.8	1.6	0.4
1274	12/31/2015 23:16:07	8.73	39.91	25.29	10.47	7.97	6.2	2.076	105.9	1.7	0.4
1275	12/31/2015 23:31:07	8.80	40.00	25.36	10.44	7.98	6.5	2.140	105.9	2.4	0.6
1276	12/31/2015 23:46:07	8.92	40.27	25.56	10.35	7.98	6.1	2.192	105.4	1.9	0.4
1277	1/1/2016 00:01:07	8.97	40.33	25.60	10.32	7.97	6.2	2.257	105.2	1.8	0.4
1278	1/1/2016 00:16:07	8.97	40.35	25.62	10.31	7.98	6.5	2.328	105.2	1.9	0.4
1279	1/1/2016 00:31:07	9.03	40.64	25.82	10.27	7.98	5.8	2.393	105.0	2.2	0.5
1280	1/1/2016 00:46:07	9.08	40.85	25.97	10.21	7.98	6.1	2.466	104.6	1.7	0.4
1281	1/1/2016 01:01:07	9.18	41.30	26.29	10.11	7.98	6.2	2.531	104.0	1.6	0.4
1282	1/1/2016 01:16:07	9.15	41.49	26.42	10.11	7.99	6.2	2.611	104.0	1.7	0.4
1283	1/1/2016 01:31:08	9.08	41.48	26.41	10.09	7.98	6.1	2.689	103.7	1.7	0.4
1284	1/1/2016 01:46:07	9.08	41.64	26.52	10.04	7.99	6.4	2.762	103.2	1.3	0.3
1285	1/1/2016 02:01:07	9.24	42.33	27.02	9.96	7.99	6.8	2.859	103.1	1.9	0.5
1286	1/1/2016 02:16:07	9.09	42.34	27.02	9.97	7.99	5.7	2.928	102.9	1.8	0.4
1287	1/1/2016 02:31:07	9.35	43.08	27.56	9.85	8.00	6.5	3.024	102.6	1.4	0.3
1288	1/1/2016 02:46:07	9.50	43.64	27.96	9.73	8.01	7.3	3.086	102.0	1.5	0.4
1289	1/1/2016 03:01:07	9.65	44.22	28.38	9.62	8.01	8.6	3.168	101.4	1.3	0.3
1290	1/1/2016 03:16:07	9.64	44.33	28.46	9.66	8.01	10.7	3.246	101.9	1.3	0.3
1291	1/1/2016 03:31:07	9.65	44.52	28.59	9.67	8.02	11.9	3.324	102.0	1.1	0.3
1292	1/1/2016 03:46:07	9.65	45.06	28.98	9.68	8.02	12.4	3.382	102.4	1.4	0.3
1293	1/1/2016 04:01:07	9.67	45.31	29.15	9.68	8.03	11.8	3.442	102.5	1.6	0.4
1294	1/1/2016 04:16:07	9.71	45.59	29.36	9.68	8.04	10.3	3.512	102.8	1.1	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	Fluorescence %FS
1295	1/1/2016 04:31:07	9.72	45.81	29.51	9.69	8.04	11.0	3.546	103.0	1.3	0.3
1296	1/1/2016 04:46:07	9.74	45.97	29.63	9.67	8.04	8.8	3.573	103.0	1.2	0.3
1297	1/1/2016 05:01:07	9.74	46.00	29.65	9.63	8.04	8.8	3.605	102.5	1.1	0.3
1298	1/1/2016 05:16:08	9.71	46.02	29.67	9.50	8.04	5.2	3.597	101.0	0.7	0.2
1299	1/1/2016 05:31:07	9.56	45.22	29.09	9.59	8.03	6.6	3.613	101.3	1.4	0.3
1300	1/1/2016 05:46:07	9.72	45.96	29.62	9.55	8.04	8.7	3.564	101.6	0.9	0.2
1301	1/1/2016 06:01:07	9.72	46.02	29.67	9.57	8.04	8.0	3.518	101.8	1.0	0.2
1302	1/1/2016 06:16:07	8.73	43.06	27.50	9.98	8.00	6.6	3.501	102.5	1.5	0.4
1303	1/1/2016 06:31:07	8.81	43.11	27.54	9.96	8.00	6.2	3.418	102.4	1.5	0.4
1304	1/1/2016 06:46:07	8.97	43.29	27.68	9.89	8.01	7.1	3.351	102.2	0.8	0.2
1305	1/1/2016 07:01:07	8.78	42.53	27.13	10.01	7.99	7.5	3.282	102.6	1.6	0.4
1306	1/1/2016 07:16:06	8.89	42.70	27.25	9.95	8.00	8.4	3.218	102.4	1.6	0.4
1307	1/1/2016 07:31:07	8.64	42.31	26.97	10.07	7.99	6.7	3.159	102.8	1.4	0.3
1308	1/1/2016 07:46:07	8.62	42.36	27.00	10.05	7.99	6.5	3.090	102.6	1.7	0.4
1309	1/1/2016 08:01:07	8.42	42.01	26.75	10.13	7.99	5.9	3.016	102.7	1.0	0.2
1310	1/1/2016 08:16:07	8.31	41.83	26.61	10.18	7.98	5.3	2.976	102.9	1.4	0.3
1311	1/1/2016 08:31:07	8.36	41.95	26.69	10.15	7.98	6.1	2.915	102.8	1.6	0.4
1312	1/1/2016 08:46:06	8.40	41.80	26.60	10.15	7.98	5.7	2.828	102.9	1.6	0.4
1313	1/1/2016 09:01:06	8.43	41.98	26.72	10.13	7.98	5.7	2.769	102.8	1.3	0.3
1314	1/1/2016 09:16:07	8.49	41.91	26.67	10.13	7.98	5.5	2.730	102.8	2.0	0.5
1315	1/1/2016 09:31:07	8.57	41.92	26.69	10.11	7.98	6.1	2.679	102.8	1.2	0.3
1316	1/1/2016 09:46:07	8.55	42.09	26.81	10.12	7.99	5.7	2.601	103.0	1.3	0.3
1317	1/1/2016 10:01:07	8.58	41.69	26.53	10.13	7.98	5.6	2.542	103.0	1.2	0.3
1318	1/1/2016 10:16:07	8.59	41.45	26.36	10.15	7.98	5.4	2.495	103.1	1.6	0.4
1319	1/1/2016 10:31:07	8.47	41.42	26.33	10.23	7.98	5.4	2.446	103.6	1.6	0.4
1320	1/1/2016 10:46:06	8.47	41.22	26.19	10.24	7.98	4.9	2.431	103.7	1.6	0.4
1321	1/1/2016 11:01:07	8.44	41.21	26.18	10.26	7.98	4.5	2.396	103.7	1.5	0.4
1322	1/1/2016 11:16:07	8.68	41.83	26.63	10.10	7.98	5.6	2.398	103.0	1.2	0.3
1323	1/1/2016 11:31:07	8.65	41.69	26.53	10.17	7.98	5.3	2.409	103.6	1.6	0.4
1324	1/1/2016 11:46:07	8.58	41.52	26.41	10.22	7.97	5.2	2.404	103.8	1.6	0.4
1325	1/1/2016 12:01:07	8.68	41.76	26.58	10.12	7.98	5.3	2.440	103.2	1.6	0.4
1326	1/1/2016 12:16:07	8.66	41.74	26.57	10.13	7.97	5.4	2.472	103.2	1.2	0.3
1327	1/1/2016 12:31:07	8.66	41.69	26.53	10.12	7.97	5.1	2.515	103.1	1.8	0.4
1328	1/1/2016 12:46:07	8.53	41.22	26.20	10.25	7.97	5.6	2.549	103.9	1.9	0.4
1329	1/1/2016 13:01:07	8.57	41.53	26.41	10.17	7.97	5.6	2.594	103.3	1.5	0.4
1330	1/1/2016 13:16:06	8.74	41.93	26.71	10.06	7.98	5.5	2.661	102.8	1.3	0.3
1331	1/1/2016 13:31:07	8.80	42.26	26.94	10.01	7.98	5.7	2.699	102.5	1.5	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	Fluorescence %FS
1332	1/1/2016 13:46:07	8.74	42.08	26.81	10.07	7.98	5.1	2.750	103.0	1.8	0.4
1333	1/1/2016 14:01:08	8.79	42.31	26.97	10.01	7.98	5.3	2.814	102.6	1.8	0.4
1334	1/1/2016 14:16:07	8.82	42.34	27.00	10.04	7.98	5.0	2.839	102.9	1.7	0.4
1335	1/1/2016 14:31:07	8.86	42.52	27.13	10.03	7.98	5.1	2.881	103.0	1.5	0.4
1336	1/1/2016 14:46:07	8.89	42.71	27.27	10.02	7.99	5.3	2.930	103.0	1.1	0.3
1337	1/1/2016 15:01:06	9.00	43.41	27.76	9.86	7.99	5.2	2.979	102.1	0.9	0.2
1338	1/1/2016 15:16:07	9.05	43.61	27.91	9.82	7.99	5.7	3.005	101.8	1.1	0.3
1339	1/1/2016 15:31:07	9.00	43.07	27.52	9.99	7.99	5.1	3.040	103.2	1.6	0.4
1340	1/1/2016 15:46:07	9.05	43.24	27.65	9.95	8.00	5.3	3.083	103.0	1.0	0.2
1341	1/1/2016 16:01:06	9.08	43.28	27.68	9.91	8.00	6.1	3.112	102.6	0.8	0.2
1342	1/1/2016 16:16:07	9.09	43.48	27.82	9.80	7.99	5.0	3.135	101.7	0.7	0.2
1343	1/1/2016 16:31:06	9.01	43.24	27.65	9.84	7.99	4.6	3.152	101.8	1.1	0.3
1344	1/1/2016 16:46:07	9.03	43.43	27.78	9.72	7.97	5.0	3.172	100.6	1.3	0.3
1345	1/1/2016 17:01:07	9.08	43.63	27.92	9.65	7.97	5.0	3.155	100.1	1.3	0.3
1346	1/1/2016 17:16:07	9.10	43.69	27.97	9.65	7.97	5.2	3.151	100.2	1.3	0.3
1347	1/1/2016 17:31:07	9.07	43.57	27.88	9.73	7.97	5.6	3.121	100.9	1.4	0.3
1348	1/1/2016 17:46:07	8.88	42.27	26.95	10.08	7.97	5.0	3.110	103.5	1.8	0.4
1349	1/1/2016 18:01:07	8.90	42.18	26.89	10.14	7.97	5.3	3.063	104.1	1.5	0.4
1350	1/1/2016 18:16:07	8.92	42.06	26.81	10.24	7.98	5.5	3.004	105.1	1.8	0.4
1351	1/1/2016 18:31:06	8.91	42.10	26.84	10.23	7.97	5.9	2.954	105.0	1.6	0.4
1352	1/1/2016 18:46:06	8.90	42.28	26.96	10.13	7.97	6.3	2.880	104.0	2.1	0.5
1353	1/1/2016 19:01:07	8.79	42.08	26.81	10.24	7.97	5.9	2.822	104.8	1.8	0.4
1354	1/1/2016 19:16:08	8.68	42.03	26.78	10.22	7.96	5.6	2.770	104.3	1.7	0.4
1355	1/1/2016 19:31:07	8.64	41.87	26.66	10.20	7.96	5.5	2.682	104.0	1.9	0.4
1356	1/1/2016 19:46:06	8.55	41.85	26.64	10.25	7.96	5.3	2.636	104.2	1.6	0.4
1357	1/1/2016 20:01:06	8.55	41.57	26.44	10.29	7.96	6.2	2.565	104.5	2.5	0.6
1358	1/1/2016 20:16:07	8.45	41.49	26.38	10.35	7.96	6.4	2.495	104.9	2.1	0.5
1359	1/1/2016 20:31:06	8.46	41.32	26.26	10.40	7.96	6.4	2.437	105.3	1.5	0.4
1360	1/1/2016 20:46:07	8.36	41.34	26.27	10.44	7.96	6.8	2.372	105.5	1.7	0.4
1361	1/1/2016 21:01:06	8.30	41.37	26.29	10.45	7.96	7.2	2.314	105.4	1.7	0.4
1362	1/1/2016 21:16:06	8.32	41.25	26.20	10.44	7.96	6.7	2.243	105.3	1.7	0.4
1363	1/1/2016 21:31:07	8.25	41.24	26.19	10.46	7.96	7.2	2.206	105.3	2.2	0.5
1364	1/1/2016 21:46:07	8.27	41.08	26.08	10.50	7.96	6.7	2.162	105.7	1.6	0.4
1365	1/1/2016 22:01:06	8.33	40.99	26.02	10.49	7.96	6.2	2.158	105.7	1.9	0.5
1366	1/1/2016 22:16:06	8.32	41.26	26.21	10.38	7.96	6.1	2.126	104.7	2.2	0.5
1367	1/1/2016 22:31:06	8.27	41.01	26.03	10.49	7.95	6.1	2.093	105.5	1.7	0.4
1368	1/1/2016 22:46:07	8.27	41.06	26.07	10.51	7.95	5.6	2.104	105.8	2.0	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	Fluorescence %FS
1369	1/1/2016 23:01:06	8.02	40.75	25.84	10.63	7.95	5.7	2.128	106.2	1.5	0.4
1370	1/1/2016 23:16:07	8.52	41.34	26.28	10.36	7.96	5.9	2.143	105.0	1.7	0.4
1371	1/1/2016 23:31:07	8.54	41.43	26.34	10.32	7.96	5.3	2.178	104.7	1.8	0.4
1372	1/1/2016 23:46:07	8.44	41.29	26.24	10.36	7.95	5.6	2.198	104.8	2.2	0.5
1373	1/2/2016 00:01:06	8.31	41.06	26.07	10.45	7.95	4.8	2.264	105.3	1.8	0.4
1374	1/2/2016 00:16:06	8.35	40.94	25.99	10.46	7.95	5.7	2.314	105.5	1.6	0.4
1375	1/2/2016 00:31:06	8.48	41.18	26.16	10.33	7.95	5.1	2.345	104.6	1.3	0.3
1376	1/2/2016 00:46:07	8.54	41.29	26.24	10.29	7.94	5.2	2.404	104.3	1.7	0.4
1377	1/2/2016 01:01:07	8.54	41.35	26.28	10.30	7.95	5.3	2.474	104.4	1.8	0.4
1378	1/2/2016 01:16:07	8.63	41.68	26.53	10.24	7.95	5.1	2.538	104.2	1.4	0.3
1379	1/2/2016 01:31:07	8.69	41.88	26.67	10.18	7.95	4.7	2.592	103.8	1.8	0.4
1380	1/2/2016 01:46:07	8.75	42.13	26.85	10.11	7.95	4.6	2.656	103.4	1.3	0.3
1381	1/2/2016 02:01:07	8.80	42.47	27.09	10.07	7.95	5.1	2.738	103.2	1.3	0.3
1382	1/2/2016 02:16:07	8.63	42.17	26.87	10.13	7.96	5.1	2.802	103.4	1.8	0.4
1383	1/2/2016 02:31:07	8.63	42.45	27.07	10.12	7.96	6.0	2.870	103.4	1.1	0.3
1384	1/2/2016 02:46:07	8.67	42.80	27.31	10.09	7.96	5.0	2.939	103.3	1.5	0.3
1385	1/2/2016 03:01:07	8.66	42.90	27.38	10.05	7.96	4.5	3.023	103.0	1.3	0.3
1386	1/2/2016 03:16:07	8.69	43.11	27.54	10.04	7.96	5.1	3.103	103.0	1.1	0.3
1387	1/2/2016 03:31:07	8.78	43.44	27.77	9.98	7.97	4.9	3.162	102.8	1.6	0.4
1388	1/2/2016 03:46:07	9.36	44.87	28.82	9.67	7.99	6.7	3.242	101.5	1.6	0.4
1389	1/2/2016 04:01:07	9.34	44.99	28.91	9.71	7.99	7.8	3.324	102.0	1.3	0.3
1390	1/2/2016 04:16:07	9.35	45.17	29.04	9.74	7.99	9.1	3.395	102.4	1.3	0.3
1391	1/2/2016 04:31:07	9.39	45.38	29.19	9.74	7.99	10.5	3.457	102.6	1.2	0.3
1392	1/2/2016 04:46:07	9.37	45.73	29.44	9.77	8.00	9.7	3.510	103.0	1.9	0.5
1393	1/2/2016 05:01:07	9.41	46.04	29.66	9.77	8.00	8.9	3.569	103.3	1.4	0.3
1394	1/2/2016 05:16:07	9.42	46.18	29.76	9.78	8.01	8.7	3.604	103.4	1.5	0.3
1395	1/2/2016 05:31:07	9.43	46.29	29.84	9.78	8.01	8.0	3.638	103.6	1.3	0.3
1396	1/2/2016 05:46:07	9.44	46.36	29.89	9.76	8.01	6.8	3.654	103.4	1.3	0.3
1397	1/2/2016 06:01:07	9.43	46.32	29.86	9.68	8.01	6.1	3.663	102.5	1.4	0.3
1398	1/2/2016 06:16:07	9.44	46.35	29.88	9.68	8.00	6.6	3.643	102.5	1.6	0.4
1399	1/2/2016 06:31:07	9.46	46.41	29.93	9.67	8.01	7.6	3.624	102.5	1.4	0.3
1400	1/2/2016 06:46:07	9.43	46.28	29.83	9.68	8.01	7.4	3.577	102.5	1.2	0.3
1401	1/2/2016 07:01:07	8.71	44.01	28.17	9.91	7.99	5.9	3.531	102.1	1.7	0.4
1402	1/2/2016 07:16:07	8.46	43.52	27.81	9.97	7.96	5.1	3.465	101.9	1.5	0.3
1403	1/2/2016 07:31:08	8.78	43.85	28.06	9.83	7.98	6.5	3.400	101.4	1.2	0.3
1404	1/2/2016 07:46:07	8.41	43.11	27.51	9.93	7.96	5.4	3.328	101.3	1.0	0.2
1405	1/2/2016 08:01:07	8.74	43.78	28.01	9.85	7.97	7.7	3.253	101.5	1.3	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	Fluorescence %FS
1406	1/2/2016 08:16:08	8.91	44.09	28.24	9.75	7.98	6.9	3.183	101.0	0.9	0.2
1407	1/2/2016 08:31:07	8.83	43.90	28.10	9.77	7.97	6.0	3.113	101.0	1.4	0.3
1408	1/2/2016 08:46:07	8.65	43.53	27.83	9.87	7.97	5.6	3.049	101.3	0.9	0.2
1409	1/2/2016 09:01:07	8.46	42.97	27.42	9.96	7.96	5.3	2.980	101.6	1.5	0.4
1410	1/2/2016 09:16:07	8.49	43.02	27.46	9.97	7.96	5.4	2.906	101.8	1.4	0.3
1411	1/2/2016 09:31:06	8.45	42.91	27.38	9.98	7.96	4.9	2.851	101.8	1.2	0.3
1412	1/2/2016 09:46:06	8.22	42.67	27.19	10.10	7.95	4.5	2.773	102.3	1.5	0.4
1413	1/2/2016 10:01:06	8.16	42.53	27.09	10.16	7.96	4.4	2.718	102.7	1.8	0.4
1414	1/2/2016 10:16:06	8.19	42.51	27.08	10.18	7.96	4.3	2.665	103.0	1.3	0.3
1415	1/2/2016 10:31:06	8.18	42.41	27.01	10.22	7.96	4.0	2.599	103.3	1.4	0.3
1416	1/2/2016 10:46:07	8.23	42.46	27.05	10.25	7.96	3.9	2.543	103.7	1.9	0.4
1417	1/2/2016 11:01:07	8.23	42.19	26.85	10.27	7.96	4.2	2.486	103.8	1.5	0.4
1418	1/2/2016 11:16:06	8.26	42.09	26.79	10.27	7.96	4.1	2.426	103.8	1.3	0.3
1419	1/2/2016 11:31:06	8.27	41.99	26.72	10.26	7.96	4.0	2.388	103.7	1.5	0.4
1420	1/2/2016 11:46:07	8.28	41.87	26.64	10.27	7.95	4.1	2.342	103.8	1.7	0.4
1421	1/2/2016 12:01:07	8.29	41.76	26.56	10.29	7.95	3.8	2.313	104.0	1.6	0.4
1422	1/2/2016 12:16:07	8.38	41.95	26.70	10.22	7.95	4.1	2.313	103.5	1.3	0.3
1423	1/2/2016 12:31:06	8.38	41.81	26.60	10.36	7.96	4.7	2.309	104.9	1.6	0.4
1424	1/2/2016 12:46:07	8.37	41.76	26.57	10.39	7.96	4.2	2.320	105.2	1.7	0.4
1425	1/2/2016 13:01:07	8.32	42.20	26.87	10.19	7.95	4.2	2.332	103.3	1.2	0.3
1426	1/2/2016 13:16:07	8.31	42.16	26.84	10.24	7.95	4.2	2.380	103.6	1.3	0.3
1427	1/2/2016 13:31:07	8.30	42.08	26.78	10.23	7.95	4.2	2.406	103.5	1.8	0.4
1428	1/2/2016 13:46:07	8.28	41.79	26.58	10.28	7.95	4.3	2.446	103.8	1.8	0.4
1429	1/2/2016 14:01:07	8.25	41.79	26.58	10.28	7.95	4.8	2.488	103.8	1.7	0.4
1430	1/2/2016 14:16:07	8.29	42.03	26.75	10.18	7.95	4.2	2.544	103.0	1.4	0.3
1431	1/2/2016 14:31:06	8.43	42.49	27.08	10.07	7.95	4.3	2.593	102.4	1.0	0.2
1432	1/2/2016 14:46:07	8.46	42.67	27.21	10.05	7.95	4.4	2.619	102.4	1.5	0.4
1433	1/2/2016 15:01:07	8.49	42.86	27.34	10.01	7.95	4.7	2.679	102.1	0.8	0.2
1434	1/2/2016 15:16:07	8.49	42.88	27.36	10.03	7.96	4.0	2.713	102.3	1.2	0.3
1435	1/2/2016 15:31:06	8.50	42.97	27.42	10.06	7.96	4.1	2.751	102.7	1.4	0.3
1436	1/2/2016 15:46:07	8.52	42.99	27.44	10.04	7.96	4.3	2.792	102.6	1.9	0.4
1437	1/2/2016 16:01:07	8.55	43.13	27.54	10.03	7.96	4.3	2.839	102.6	1.1	0.2
1438	1/2/2016 16:16:07	8.61	43.42	27.74	9.98	7.97	4.2	2.883	102.4	1.2	0.3
1439	1/2/2016 16:31:07	8.68	43.76	27.99	9.93	7.97	4.2	2.902	102.2	1.1	0.3
1440	1/2/2016 16:46:07	8.70	43.76	28.00	9.93	7.97	4.2	2.948	102.2	1.6	0.4
1441	1/2/2016 17:01:07	8.77	44.12	28.26	9.85	7.97	4.1	2.968	101.8	1.4	0.3
1442	1/2/2016 17:16:07	8.79	44.17	28.29	9.85	7.97	4.4	3.020	101.7	1.0	0.2

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	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1443	1/2/2016 17:31:07	8.79	44.19	28.30	9.82	7.97	4.1	3.038	101.5	1.3	0.3
1444	1/2/2016 17:46:07	8.79	44.22	28.32	9.81	7.97	4.1	3.061	101.4	1.5	0.3
1445	1/2/2016 18:01:07	8.74	43.83	28.05	9.84	7.97	3.7	3.078	101.4	1.9	0.5
1446	1/2/2016 18:16:07	8.74	43.97	28.14	9.74	7.97	3.9	3.073	100.4	1.7	0.4
1447	1/2/2016 18:31:07	8.74	43.94	28.12	9.78	7.97	4.2	3.062	100.8	0.8	0.2
1448	1/2/2016 18:46:07	8.75	44.00	28.16	9.77	7.97	4.5	3.061	100.7	1.5	0.4
1449	1/2/2016 19:01:07	8.60	43.04	27.47	9.91	7.96	4.9	3.011	101.4	1.6	0.4
1450	1/2/2016 19:16:07	8.53	42.89	27.37	9.97	7.96	4.5	2.969	101.8	1.6	0.4
1451	1/2/2016 19:31:07	8.44	42.44	27.05	10.14	7.96	4.4	2.937	103.1	2.2	0.5
1452	1/2/2016 19:46:07	8.49	42.59	27.15	10.05	7.95	4.7	2.877	102.4	1.7	0.4
1453	1/2/2016 20:01:07	8.51	42.52	27.11	10.12	7.96	4.7	2.829	103.1	1.6	0.4
1454	1/2/2016 20:16:07	8.52	42.53	27.12	10.12	7.96	4.6	2.766	103.1	1.8	0.4
1455	1/2/2016 20:31:06	8.45	42.37	27.00	10.18	7.96	4.7	2.712	103.5	1.7	0.4
1456	1/2/2016 20:46:07	8.44	42.33	26.97	10.17	7.96	4.0	2.672	103.4	2.0	0.5
1457	1/2/2016 21:01:07	8.43	42.35	26.98	10.17	7.96	4.5	2.621	103.4	1.6	0.4
1458	1/2/2016 21:16:06	8.37	42.28	26.93	10.19	7.95	4.2	2.592	103.4	1.6	0.4
1459	1/2/2016 21:31:07	8.35	42.23	26.89	10.20	7.96	4.3	2.534	103.4	1.6	0.4
1460	1/2/2016 21:46:07	8.30	42.13	26.82	10.21	7.95	4.0	2.499	103.3	1.2	0.3
1461	1/2/2016 22:01:07	8.29	42.05	26.76	10.18	7.95	4.1	2.450	103.0	1.8	0.4
1462	1/2/2016 22:16:07	8.28	42.08	26.79	10.19	7.95	4.2	2.395	103.0	2.1	0.5
1463	1/2/2016 22:31:07	8.27	41.99	26.72	10.18	7.95	4.1	2.379	102.9	2.1	0.5
1464	1/2/2016 22:46:06	8.25	41.92	26.67	10.21	7.95	4.0	2.339	103.1	2.1	0.5
1465	1/2/2016 23:01:07	8.25	41.88	26.64	10.20	7.95	3.8	2.299	103.0	1.6	0.4
1466	1/2/2016 23:16:07	8.28	42.00	26.73	10.17	7.94	4.9	2.292	102.8	2.0	0.5
1467	1/2/2016 23:31:07	8.34	42.18	26.86	10.09	7.94	4.2	2.294	102.3	1.6	0.4
1468	1/2/2016 23:46:07	8.29	42.05	26.76	10.19	7.94	4.7	2.291	103.1	1.3	0.3
1469	1/3/2016 00:01:07	8.29	42.01	26.73	10.20	7.94	4.4	2.304	103.2	1.8	0.4
1470	1/3/2016 00:16:07	8.33	42.16	26.84	10.18	7.95	4.0	2.321	103.1	1.9	0.5
1471	1/3/2016 00:31:07	8.38	42.31	26.95	10.11	7.95	4.0	2.357	102.6	1.4	0.3
1472	1/3/2016 00:46:07	8.32	42.08	26.78	10.20	7.94	4.0	2.379	103.3	1.8	0.4
1473	1/3/2016 01:01:07	8.30	42.04	26.76	10.22	7.94	4.0	2.417	103.3	1.3	0.3
1474	1/3/2016 01:16:07	8.30	41.92	26.67	10.22	7.94	4.3	2.488	103.4	1.8	0.4
1475	1/3/2016 01:31:07	8.43	42.38	27.00	10.10	7.95	4.3	2.507	102.6	1.7	0.4
1476	1/3/2016 01:46:06	8.44	42.43	27.04	10.12	7.95	5.0	2.583	102.9	1.7	0.4
1477	1/3/2016 02:01:07	8.54	42.88	27.36	10.05	7.95	4.3	2.632	102.6	1.6	0.4
1478	1/3/2016 02:16:07	8.54	42.87	27.35	10.06	7.95	4.3	2.699	102.7	1.2	0.3
1479	1/3/2016 02:31:07	8.53	42.84	27.33	10.07	7.95	4.0	2.762	102.8	1.3	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	Fluorescence %FS
1480	1/3/2016 02:46:07	8.56	42.93	27.39	10.05	7.95	4.0	2.819	102.7	1.5	0.4
1481	1/3/2016 03:01:07	8.57	43.16	27.56	10.04	7.96	5.3	2.899	102.8	1.6	0.4
1482	1/3/2016 03:16:07	8.56	43.14	27.55	10.06	7.96	5.0	2.960	102.9	1.4	0.3
1483	1/3/2016 03:31:07	8.60	43.28	27.65	10.04	7.96	4.9	3.049	102.9	1.6	0.4
1484	1/3/2016 03:46:06	8.74	43.80	28.02	9.97	7.97	4.3	3.107	102.7	1.7	0.4
1485	1/3/2016 04:01:07	8.90	44.46	28.50	9.84	7.97	4.3	3.186	102.1	1.6	0.4
1486	1/3/2016 04:16:07	8.97	44.64	28.64	9.80	7.97	4.3	3.257	101.9	1.2	0.3
1487	1/3/2016 04:31:07	9.14	45.30	29.12	9.68	7.98	5.4	3.327	101.4	1.5	0.4
1488	1/3/2016 04:46:06	9.33	46.01	29.63	9.59	7.99	7.0	3.396	101.1	1.6	0.4
1489	1/3/2016 05:01:07	9.35	46.09	29.69	9.62	7.99	7.9	3.461	101.5	1.4	0.3
1490	1/3/2016 05:16:07	9.37	46.19	29.76	9.62	7.99	8.3	3.522	101.7	1.4	0.3
1491	1/3/2016 05:31:07	9.41	46.38	29.90	9.60	7.99	8.5	3.582	101.7	0.8	0.2
1492	1/3/2016 05:46:07	9.47	46.60	30.06	9.61	8.00	8.0	3.601	101.9	1.2	0.3
1493	1/3/2016 06:01:07	9.49	46.67	30.11	9.62	8.00	7.2	3.683	102.1	1.3	0.3
1494	1/3/2016 06:16:07	9.50	46.76	30.18	9.62	8.00	6.6	3.693	102.3	1.0	0.2
1495	1/3/2016 06:31:07	9.49	46.74	30.16	9.59	8.00	5.3	3.699	101.9	1.0	0.2
1496	1/3/2016 06:46:06	9.46	46.61	30.07	9.52	8.00	5.9	3.718	101.0	1.3	0.3
1497	1/3/2016 07:01:07	9.50	46.81	30.21	9.51	8.00	6.8	3.707	101.1	1.4	0.3
1498	1/3/2016 07:16:06	9.50	46.74	30.16	9.51	8.00	6.5	3.686	101.1	0.8	0.2
1499	1/3/2016 07:31:07	9.49	46.75	30.17	9.52	8.00	7.2	3.650	101.1	1.1	0.3
1500	1/3/2016 07:46:06	9.38	46.28	29.83	9.57	8.00	6.7	3.596	101.2	1.3	0.3
1501	1/3/2016 08:01:07	9.16	45.28	29.10	9.64	7.99	6.1	3.546	101.0	1.2	0.3
1502	1/3/2016 08:16:07	9.14	45.17	29.02	9.62	7.98	5.6	3.481	100.7	1.0	0.2
1503	1/3/2016 08:31:07	8.74	43.92	28.11	9.80	7.96	4.8	3.418	101.0	1.2	0.3
1504	1/3/2016 08:46:07	8.75	43.96	28.14	9.80	7.96	4.3	3.344	101.1	1.2	0.3
1505	1/3/2016 09:01:07	8.69	43.62	27.89	9.86	7.96	4.0	3.260	101.4	1.3	0.3
1506	1/3/2016 09:16:07	8.74	43.86	28.06	9.82	7.96	3.5	3.194	101.2	1.3	0.3
1507	1/3/2016 09:31:07	8.71	43.71	27.96	9.86	7.97	3.6	3.115	101.4	0.8	0.2
1508	1/3/2016 09:46:07	8.76	43.82	28.04	9.84	7.96	4.0	3.044	101.4	2.1	0.5
1509	1/3/2016 10:01:07	8.73	43.71	27.96	9.84	7.96	5.3	2.968	101.3	1.2	0.3
1510	1/3/2016 10:16:07	8.68	43.35	27.70	9.96	7.96	4.0	2.912	102.3	1.0	0.2
1511	1/3/2016 10:31:07	8.70	43.51	27.82	9.86	7.96	4.7	2.810	101.4	1.1	0.3
1512	1/3/2016 10:46:07	8.72	43.50	27.81	9.90	7.96	5.0	2.747	101.8	1.2	0.3
1513	1/3/2016 11:01:07	8.74	43.15	27.56	10.06	7.96	3.9	2.693	103.3	1.3	0.3
1514	1/3/2016 11:16:06	8.73	43.00	27.46	10.09	7.96	4.3	2.619	103.5	1.5	0.4
1515	1/3/2016 11:31:07	8.72	42.90	27.39	10.12	7.96	5.0	2.548	103.8	1.3	0.3
1516	1/3/2016 11:46:07	8.67	42.66	27.22	10.15	7.96	5.3	2.474	103.9	1.8	0.4

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	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1517	1/3/2016 12:01:06	8.66	42.55	27.14	10.17	7.96	5.4	2.408	104.0	1.5	0.4
1518	1/3/2016 12:16:07	8.66	42.40	27.03	10.23	7.96	5.7	2.361	104.5	1.9	0.5
1519	1/3/2016 12:31:07	8.63	42.39	27.02	10.22	7.96	5.4	2.299	104.4	1.9	0.4
1520	1/3/2016 12:46:06	8.61	42.20	26.89	10.25	7.96	4.6	2.247	104.6	2.1	0.5
1521	1/3/2016 13:01:07	8.53	41.98	26.73	10.29	7.95	3.8	2.219	104.6	2.1	0.5
1522	1/3/2016 13:16:07	8.51	41.93	26.69	10.27	7.95	3.6	2.207	104.4	2.2	0.5
1523	1/3/2016 13:31:06	8.60	42.54	27.12	10.14	7.95	4.0	2.200	103.5	1.0	0.2
1524	1/3/2016 13:46:07	8.57	42.13	26.84	10.29	7.95	5.7	2.196	104.8	2.0	0.5
1525	1/3/2016 14:01:07	8.65	42.74	27.27	10.07	7.95	4.7	2.234	103.0	1.3	0.3
1526	1/3/2016 14:16:07	8.66	42.64	27.20	10.12	7.95	5.0	2.252	103.6	1.5	0.4
1527	1/3/2016 14:31:07	8.65	42.46	27.07	10.18	7.95	4.5	2.281	104.0	2.0	0.5
1528	1/3/2016 14:46:07	8.60	42.14	26.85	10.26	7.95	5.0	2.334	104.6	1.5	0.3
1529	1/3/2016 15:01:06	8.62	42.33	26.98	10.15	7.94	7.1	2.401	103.6	1.4	0.3
1530	1/3/2016 15:16:07	8.67	42.92	27.40	10.03	7.95	5.3	2.445	102.7	1.1	0.3
1531	1/3/2016 15:31:06	8.71	43.12	27.54	9.95	7.95	5.3	2.503	102.1	0.8	0.2
1532	1/3/2016 15:46:07	8.71	43.13	27.55	9.95	7.95	4.4	2.555	102.1	0.8	0.2
1533	1/3/2016 16:01:07	8.72	43.18	27.59	9.94	7.95	4.7	2.612	102.1	1.0	0.2
1534	1/3/2016 16:16:07	8.78	43.46	27.78	9.90	7.95	4.8	2.654	102.0	1.2	0.3
1535	1/3/2016 16:31:07	8.83	43.68	27.94	9.87	7.96	4.4	2.702	101.8	1.4	0.3
1536	1/3/2016 16:46:07	8.82	43.43	27.77	9.95	7.96	4.0	2.740	102.5	1.6	0.4
1537	1/3/2016 17:01:07	8.83	43.47	27.80	9.95	7.96	4.1	2.800	102.5	1.5	0.4
1538	1/3/2016 17:16:07	8.83	43.59	27.88	9.93	7.96	4.0	2.837	102.4	2.1	0.5
1539	1/3/2016 17:31:07	8.84	43.57	27.87	9.97	7.96	3.7	2.891	102.8	2.0	0.5
1540	1/3/2016 17:46:07	8.88	43.78	28.02	9.92	7.96	3.9	2.924	102.5	1.6	0.4
1541	1/3/2016 18:01:06	8.92	43.87	28.08	9.93	7.96	3.7	2.982	102.8	1.6	0.4
1542	1/3/2016 18:16:07	8.96	44.08	28.24	9.89	7.96	3.6	3.012	102.5	1.8	0.4
1543	1/3/2016 18:31:07	8.98	44.34	28.42	9.80	7.96	3.7	3.045	101.8	1.3	0.3
1544	1/3/2016 18:46:07	9.00	44.40	28.47	9.75	7.96	3.7	3.075	101.4	1.4	0.3
1545	1/3/2016 19:01:06	9.01	44.53	28.56	9.71	7.96	4.0	3.101	101.0	1.0	0.2
1546	1/3/2016 19:16:07	9.01	44.54	28.56	9.67	7.96	3.9	3.104	100.6	1.2	0.3
1547	1/3/2016 19:31:07	9.00	44.52	28.55	9.61	7.96	3.4	3.104	99.9	1.5	0.3
1548	1/3/2016 19:46:07	9.01	44.57	28.59	9.61	7.96	4.2	3.099	100.0	1.2	0.3
1549	1/3/2016 20:01:07	9.00	44.57	28.59	9.64	7.96	4.7	3.091	100.3	1.2	0.3
1550	1/3/2016 20:16:07	8.96	44.36	28.43	9.67	7.96	4.2	3.066	100.4	1.2	0.3
1551	1/3/2016 20:31:07	8.91	43.99	28.17	9.73	7.96	3.9	3.037	100.7	1.8	0.4
1552	1/3/2016 20:46:07	8.87	43.62	27.90	9.79	7.96	4.2	2.987	101.1	1.3	0.3
1553	1/3/2016 21:01:07	8.84	43.55	27.85	9.81	7.95	4.9	2.948	101.2	2.0	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	Fluorescence %FS
1554	1/3/2016 21:16:07	8.80	43.28	27.66	9.85	7.95	5.0	2.911	101.4	1.7	0.4
1555	1/3/2016 21:31:07	8.84	43.56	27.86	9.81	7.95	4.5	2.857	101.2	1.7	0.4
1556	1/3/2016 21:46:07	8.82	43.44	27.78	9.84	7.95	4.3	2.798	101.4	1.5	0.3
1557	1/3/2016 22:01:08	8.78	43.27	27.65	9.84	7.95	4.3	2.759	101.2	1.9	0.5
1558	1/3/2016 22:16:07	8.73	43.00	27.46	9.86	7.95	4.0	2.712	101.2	1.5	0.4
1559	1/3/2016 22:31:07	8.71	42.93	27.41	9.87	7.95	4.1	2.666	101.2	2.1	0.5
1560	1/3/2016 22:46:08	8.70	42.84	27.34	9.87	7.94	4.1	2.613	101.2	1.5	0.4
1561	1/3/2016 23:01:07	8.72	42.94	27.42	9.82	7.94	4.3	2.596	100.7	1.4	0.3
1562	1/3/2016 23:16:07	8.72	42.98	27.44	9.83	7.94	4.5	2.549	100.8	1.6	0.4
1563	1/3/2016 23:31:08	8.72	43.00	27.46	9.79	7.94	4.5	2.514	100.5	1.6	0.4
1564	1/3/2016 23:46:07	8.69	42.89	27.38	9.79	7.94	3.7	2.498	100.3	1.8	0.4
1565	1/4/2016 00:01:07	8.68	42.83	27.33	9.82	7.94	3.8	2.485	100.6	1.6	0.4
1566	1/4/2016 00:16:07	8.71	42.90	27.38	9.72	7.94	3.9	2.469	99.7	1.6	0.4
1567	1/4/2016 00:31:07	8.67	42.66	27.22	9.88	7.94	3.6	2.470	101.1	1.8	0.4
1568	1/4/2016 00:46:07	8.67	42.71	27.25	9.87	7.93	4.1	2.461	101.0	1.8	0.4
1569	1/4/2016 01:01:07	8.72	42.86	27.36	9.86	7.94	4.2	2.474	101.1	1.4	0.3
1570	1/4/2016 01:16:07	8.74	43.07	27.51	9.85	7.94	3.7	2.497	101.2	1.3	0.3
1571	1/4/2016 01:31:07	8.76	43.15	27.56	9.83	7.94	3.8	2.516	101.0	1.4	0.3
1572	1/4/2016 01:46:07	8.72	42.91	27.39	9.89	7.94	4.0	2.556	101.5	1.8	0.4
1573	1/4/2016 02:01:07	8.74	42.99	27.46	9.87	7.94	4.0	2.596	101.3	1.9	0.5
1574	1/4/2016 02:16:07	8.76	43.07	27.51	9.86	7.94	4.3	2.628	101.3	1.3	0.3
1575	1/4/2016 02:31:07	8.77	43.11	27.54	9.87	7.94	4.7	2.706	101.4	1.6	0.4
1576	1/4/2016 02:46:07	8.84	43.51	27.82	9.82	7.95	3.9	2.755	101.3	1.6	0.4
1577	1/4/2016 03:01:07	8.84	43.43	27.77	9.84	7.95	3.9	2.817	101.4	1.5	0.4
1578	1/4/2016 03:16:07	8.88	43.61	27.90	9.82	7.95	4.0	2.883	101.4	1.7	0.4
1579	1/4/2016 03:31:07	8.90	43.71	27.97	9.83	7.95	4.2	2.930	101.6	1.0	0.2
1580	1/4/2016 03:46:06	8.91	43.85	28.07	9.83	7.95	5.4	2.989	101.7	1.3	0.3
1581	1/4/2016 04:01:07	8.98	44.21	28.33	9.80	7.96	4.1	3.079	101.7	1.5	0.4
1582	1/4/2016 04:16:06	9.02	44.37	28.45	9.80	7.96	4.2	3.157	101.8	1.3	0.3
1583	1/4/2016 04:31:07	9.02	44.30	28.39	9.81	7.96	4.2	3.212	102.0	1.1	0.3
1584	1/4/2016 04:46:07	9.15	44.72	28.70	9.75	7.96	4.3	3.311	101.8	1.5	0.3
1585	1/4/2016 05:01:07	9.29	45.36	29.17	9.68	7.97	4.8	3.365	101.7	1.2	0.3
1586	1/4/2016 05:16:07	9.37	45.70	29.42	9.65	7.98	5.9	3.432	101.8	1.4	0.3
1587	1/4/2016 05:31:07	9.51	46.23	29.80	9.62	7.99	6.2	3.505	102.0	1.2	0.3
1588	1/4/2016 05:46:07	9.60	46.59	30.06	9.61	7.99	6.9	3.567	102.3	1.2	0.3
1589	1/4/2016 06:01:07	9.64	46.66	30.11	9.62	7.99	7.0	3.617	102.5	1.0	0.2
1590	1/4/2016 06:16:07	9.66	46.78	30.21	9.62	7.99	6.9	3.678	102.6	1.5	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	Fluorescence %FS
1591	1/4/2016 06:31:07	9.73	46.98	30.35	9.63	8.00	7.0	3.709	103.0	1.1	0.3
1592	1/4/2016 06:46:06	9.76	46.95	30.33	9.63	8.00	6.5	3.753	103.1	1.2	0.3
1593	1/4/2016 07:01:07	9.79	47.10	30.44	9.62	8.00	5.9	3.776	103.1	0.7	0.2
1594	1/4/2016 07:16:06	9.81	47.14	30.47	9.61	8.00	5.5	3.794	103.0	0.4	0.1
1595	1/4/2016 07:31:06	9.79	47.14	30.47	9.52	8.00	5.1	3.791	102.0	0.6	0.2
1596	1/4/2016 07:46:07	9.78	47.11	30.45	9.54	8.00	5.6	3.776	102.2	0.5	0.1
1597	1/4/2016 08:01:06	9.79	47.13	30.46	9.51	8.00	5.7	3.757	101.8	1.5	0.4
1598	1/4/2016 08:16:06	9.75	46.99	30.36	9.50	8.00	5.9	3.720	101.6	0.6	0.2
1599	1/4/2016 08:31:07	9.67	46.69	30.14	9.50	7.99	5.6	3.662	101.3	0.7	0.2
1600	1/4/2016 08:46:07	9.32	45.24	29.09	9.59	7.97	5.6	3.608	100.8	1.2	0.3
1601	1/4/2016 09:01:07	9.20	44.98	28.89	9.62	7.96	5.3	3.552	100.7	1.4	0.3
1602	1/4/2016 09:16:07	9.11	44.62	28.63	9.68	7.96	4.8	3.473	100.9	1.4	0.3
1603	1/4/2016 09:31:07	9.24	45.11	28.98	9.63	7.96	4.9	3.388	101.0	1.4	0.3
1604	1/4/2016 09:46:07	9.13	44.72	28.70	9.67	7.96	5.0	3.327	101.0	1.1	0.3
1605	1/4/2016 10:01:07	9.07	44.42	28.48	9.70	7.95	3.7	3.244	101.0	1.2	0.3
1606	1/4/2016 10:16:06	9.02	44.17	28.30	9.73	7.95	3.9	3.155	101.1	1.5	0.4
1607	1/4/2016 10:31:06	9.05	44.21	28.33	9.72	7.95	3.5	3.080	101.1	1.1	0.3
1608	1/4/2016 10:46:07	9.09	44.28	28.39	9.71	7.95	3.7	2.998	101.1	1.1	0.3
1609	1/4/2016 11:01:07	9.10	44.30	28.40	9.72	7.95	4.2	2.911	101.2	1.3	0.3
1610	1/4/2016 11:16:07	9.09	44.08	28.25	9.77	7.95	3.9	2.832	101.6	1.5	0.4
1611	1/4/2016 11:31:08	9.11	43.83	28.07	9.81	7.95	3.5	2.744	102.0	1.4	0.3
1612	1/4/2016 11:46:07	9.16	43.68	27.96	9.84	7.95	3.9	2.655	102.3	1.4	0.3
1613	1/4/2016 12:01:07	9.12	43.38	27.75	9.90	7.95	3.8	2.574	102.7	0.8	0.2
1614	1/4/2016 12:16:07	9.19	43.47	27.82	9.89	7.95	3.9	2.495	102.8	1.5	0.4
1615	1/4/2016 12:31:07	9.15	43.25	27.66	9.94	7.95	3.9	2.407	103.1	1.7	0.4
1616	1/4/2016 12:46:07	9.19	43.20	27.63	9.96	7.95	4.0	2.333	103.4	1.3	0.3
1617	1/4/2016 13:01:07	9.22	43.16	27.60	9.99	7.95	4.4	2.266	103.8	1.8	0.4
1618	1/4/2016 13:16:07	9.04	42.73	27.29	10.00	7.94	4.0	2.205	103.2	1.3	0.3
1619	1/4/2016 13:31:07	9.12	42.74	27.30	10.02	7.94	4.0	2.134	103.6	1.7	0.4
1620	1/4/2016 13:46:07	9.09	42.63	27.22	10.05	7.95	4.1	2.100	103.8	1.2	0.3
1621	1/4/2016 14:01:07	9.04	42.49	27.12	10.06	7.95	4.2	2.046	103.7	1.8	0.4
1622	1/4/2016 14:16:06	9.00	42.39	27.05	10.02	7.94	3.6	2.041	103.2	1.7	0.4
1623	1/4/2016 14:31:07	9.01	42.40	27.05	10.11	7.94	3.9	2.043	104.1	2.3	0.5
1624	1/4/2016 14:46:07	9.04	42.51	27.13	10.11	7.94	4.2	2.049	104.3	2.1	0.5
1625	1/4/2016 15:01:07	9.07	42.83	27.36	10.00	7.94	5.3	2.075	103.3	1.5	0.3
1626	1/4/2016 15:16:07	9.07	42.76	27.31	10.04	7.94	4.3	2.115	103.7	1.4	0.3
1627	1/4/2016 15:31:07	9.08	42.42	27.07	10.06	7.93	5.3	2.168	103.8	1.9	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	Fluorescence %FS
1628	1/4/2016 15:46:07	9.05	41.78	26.62	10.05	7.92	6.0	2.224	103.3	1.7	0.4
1629	1/4/2016 16:01:07	9.04	42.60	27.20	9.97	7.93	5.0	2.282	102.9	1.7	0.4
1630	1/4/2016 16:16:07	9.03	42.73	27.29	9.94	7.93	5.4	2.353	102.6	1.4	0.3
1631	1/4/2016 16:31:06	9.03	42.80	27.34	9.92	7.93	5.1	2.418	102.5	1.2	0.3
1632	1/4/2016 16:46:07	9.09	43.49	27.83	9.82	7.93	5.1	2.457	101.9	1.2	0.3
1633	1/4/2016 17:01:07	9.16	43.70	27.98	9.85	7.93	5.5	2.526	102.4	0.9	0.2
1634	1/4/2016 17:16:06	9.17	43.81	28.06	9.82	7.94	5.3	2.581	102.2	1.2	0.3
1635	1/4/2016 17:31:07	9.17	43.87	28.10	9.80	7.94	4.8	2.637	102.0	1.0	0.2
1636	1/4/2016 17:46:07	9.18	44.00	28.19	9.77	7.94	4.9	2.694	101.8	1.4	0.3
1637	1/4/2016 18:01:07	9.19	44.19	28.33	9.74	7.94	5.0	2.732	101.6	1.4	0.3
1638	1/4/2016 18:16:07	9.21	44.38	28.46	9.73	7.95	4.8	2.804	101.5	1.0	0.2
1639	1/4/2016 18:31:07	9.24	44.46	28.52	9.72	7.95	5.0	2.864	101.5	1.1	0.3
1640	1/4/2016 18:46:07	9.25	44.50	28.56	9.71	7.95	5.1	2.906	101.5	0.9	0.2
1641	1/4/2016 19:01:07	9.28	44.52	28.57	9.76	7.95	5.5	2.958	102.2	1.6	0.4
1642	1/4/2016 19:16:06	9.30	44.63	28.65	9.76	7.95	5.4	3.010	102.2	1.6	0.4
1643	1/4/2016 19:31:06	9.32	44.73	28.72	9.75	7.96	5.4	3.047	102.2	1.2	0.3
1644	1/4/2016 19:46:07	9.34	44.82	28.79	9.74	7.96	4.7	3.085	102.2	1.4	0.3
1645	1/4/2016 20:01:07	9.36	44.88	28.83	9.75	7.96	4.9	3.124	102.3	2.0	0.5
1646	1/4/2016 20:16:07	9.37	44.91	28.85	9.76	7.96	4.8	3.158	102.5	1.1	0.3
1647	1/4/2016 20:31:07	9.39	44.95	28.88	9.70	7.96	4.7	3.186	102.0	1.4	0.3
1648	1/4/2016 20:46:07	9.37	44.88	28.83	9.63	7.95	3.7	3.175	101.1	1.4	0.3
1649	1/4/2016 21:01:06	9.35	44.53	28.58	9.73	7.95	4.2	3.172	102.0	1.7	0.4
1650	1/4/2016 21:16:07	9.38	44.81	28.78	9.63	7.95	4.3	3.146	101.1	1.3	0.3
1651	1/4/2016 21:31:07	9.37	44.64	28.66	9.71	7.95	4.3	3.132	101.9	2.0	0.5
1652	1/4/2016 21:46:07	9.37	44.63	28.65	9.77	7.96	4.2	3.106	102.5	1.2	0.3
1653	1/4/2016 22:01:07	9.32	44.31	28.42	9.78	7.95	5.6	3.065	102.3	1.6	0.4
1654	1/4/2016 22:16:07	9.34	44.36	28.46	9.74	7.95	5.0	3.035	102.0	1.5	0.4
1655	1/4/2016 22:31:07	9.33	44.49	28.55	9.70	7.95	5.4	2.975	101.6	1.2	0.3
1656	1/4/2016 22:46:07	9.30	44.38	28.47	9.73	7.95	6.4	2.907	101.8	1.5	0.4
1657	1/4/2016 23:01:07	9.28	44.21	28.35	9.74	7.95	6.4	2.856	101.8	1.3	0.3
1658	1/4/2016 23:16:07	9.27	43.89	28.12	9.81	7.95	6.5	2.825	102.3	1.8	0.4
1659	1/4/2016 23:31:07	9.25	43.76	28.03	9.83	7.94	6.1	2.791	102.4	2.0	0.5
1660	1/4/2016 23:46:07	9.25	43.44	27.80	9.88	7.94	6.8	2.746	102.8	2.0	0.5
1661	1/5/2016 00:01:07	9.23	43.51	27.85	9.85	7.94	6.1	2.727	102.5	1.6	0.4
1662	1/5/2016 00:16:07	9.23	43.20	27.63	9.89	7.94	6.2	2.680	102.8	1.8	0.4
1663	1/5/2016 00:31:07	9.24	43.59	27.91	9.78	7.93	5.3	2.662	101.9	1.7	0.4
1664	1/5/2016 00:46:07	9.24	43.63	27.93	9.74	7.94	5.3	2.655	101.4	1.6	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	Fluorescence %FS
1665	1/5/2016 01:01:07	9.24	43.57	27.89	9.76	7.94	4.8	2.647	101.6	2.4	0.6
1666	1/5/2016 01:16:07	9.23	43.43	27.80	9.83	7.94	5.1	2.626	102.2	1.7	0.4
1667	1/5/2016 01:31:07	9.22	43.38	27.76	9.82	7.93	4.7	2.625	102.1	2.2	0.5
1668	1/5/2016 01:46:07	9.22	43.32	27.72	9.87	7.93	6.4	2.630	102.6	1.9	0.4
1669	1/5/2016 02:01:07	9.23	43.44	27.80	9.91	7.94	5.4	2.639	103.1	2.0	0.5
1670	1/5/2016 02:16:07	9.24	43.27	27.68	9.95	7.93	5.6	2.657	103.5	1.1	0.3
1671	1/5/2016 02:31:07	9.26	43.59	27.91	9.86	7.93	5.5	2.679	102.7	1.4	0.3
1672	1/5/2016 02:46:07	9.26	43.64	27.94	9.88	7.93	5.4	2.739	102.9	1.7	0.4
1673	1/5/2016 03:01:07	9.27	43.61	27.93	9.88	7.93	6.3	2.754	103.0	2.0	0.5
1674	1/5/2016 03:16:07	9.33	44.26	28.39	9.76	7.94	6.4	2.788	102.2	1.1	0.3
1675	1/5/2016 03:31:07	9.35	44.25	28.38	9.79	7.94	6.0	2.834	102.5	1.2	0.3
1676	1/5/2016 03:46:07	9.37	44.15	28.31	9.82	7.94	5.8	2.895	102.8	1.7	0.4
1677	1/5/2016 04:01:07	9.39	44.05	28.24	9.86	7.95	5.4	2.971	103.2	1.5	0.4
1678	1/5/2016 04:16:07	9.45	44.48	28.55	9.83	7.95	5.8	3.000	103.2	1.4	0.3
1679	1/5/2016 04:31:07	9.43	44.37	28.47	9.86	7.96	5.4	3.111	103.5	1.0	0.2
1680	1/5/2016 04:46:07	9.43	44.53	28.58	9.88	7.95	5.2	3.196	103.8	1.1	0.2
1681	1/5/2016 05:01:07	9.47	44.70	28.71	9.87	7.96	4.8	3.252	103.9	1.1	0.3
1682	1/5/2016 05:16:07	9.52	44.99	28.92	9.83	7.96	4.7	3.347	103.7	1.9	0.5
1683	1/5/2016 05:31:07	9.61	45.42	29.23	9.78	7.97	4.9	3.455	103.5	1.2	0.3
1684	1/5/2016 05:46:07	9.77	46.14	29.75	9.69	7.98	5.9	3.509	103.3	1.4	0.3
1685	1/5/2016 06:01:07	9.76	46.00	29.65	9.72	7.97	5.6	3.588	103.5	1.0	0.2
1686	1/5/2016 06:16:07	9.88	46.50	30.01	9.67	7.98	5.4	3.604	103.5	0.9	0.2
1687	1/5/2016 06:31:07	9.98	46.89	30.30	9.64	7.99	4.7	3.722	103.6	1.1	0.3
1688	1/5/2016 06:46:06	10.05	47.16	30.50	9.63	7.99	6.7	3.772	103.7	1.6	0.4
1689	1/5/2016 07:01:06	10.08	47.15	30.49	9.64	8.00	6.5	3.803	103.9	1.6	0.4
1690	1/5/2016 07:16:07	10.10	47.24	30.56	9.65	7.99	7.0	3.851	104.1	1.1	0.3
1691	1/5/2016 07:31:07	10.11	47.27	30.58	9.64	7.99	5.1	3.860	104.0	1.3	0.3
1692	1/5/2016 07:46:06	10.12	47.33	30.62	9.64	7.99	5.4	3.934	104.2	1.3	0.3
1693	1/5/2016 08:01:06	10.12	47.34	30.63	9.61	7.99	4.4	3.892	103.8	1.2	0.3
1694	1/5/2016 08:16:06	10.10	47.29	30.60	9.50	7.99	3.9	3.938	102.5	1.2	0.3
1695	1/5/2016 08:31:06	10.13	47.40	30.68	9.51	7.99	5.0	3.875	102.7	1.2	0.3
1696	1/5/2016 08:46:06	10.10	47.01	30.39	9.54	7.99	5.1	3.897	102.9	0.9	0.2
1697	1/5/2016 09:01:06	9.69	45.22	29.09	9.73	7.97	5.7	3.854	103.1	1.1	0.3
1698	1/5/2016 09:16:07	9.68	44.92	28.88	9.74	7.97	5.5	3.765	103.1	1.5	0.3
1699	1/5/2016 09:31:07	9.53	43.96	28.19	9.84	7.96	6.2	3.713	103.3	1.1	0.3
1700	1/5/2016 09:46:07	9.63	44.40	28.50	9.80	7.96	6.4	3.632	103.3	1.1	0.3
1701	1/5/2016 10:01:07	9.61	44.13	28.32	9.85	7.96	6.5	3.560	103.7	1.1	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	Fluorescence %FS
1702	1/5/2016 10:16:07	9.66	44.35	28.47	9.83	7.97	6.7	3.452	103.7	1.2	0.3
1703	1/5/2016 10:31:07	9.70	44.72	28.73	9.80	7.97	6.0	3.373	103.6	1.0	0.2
1704	1/5/2016 10:46:07	9.67	44.40	28.51	9.82	7.97	6.5	3.303	103.7	0.9	0.2
1705	1/5/2016 11:01:07	9.59	43.88	28.13	9.91	7.96	6.2	3.198	104.1	1.5	0.4
1706	1/5/2016 11:16:07	9.57	44.47	28.55	9.83	7.96	7.3	3.125	103.5	0.8	0.2
1707	1/5/2016 11:31:07	9.54	43.87	28.12	9.90	7.95	6.7	3.053	103.9	1.7	0.4
1708	1/5/2016 11:46:07	9.48	43.74	28.03	9.94	7.95	7.7	2.935	104.1	0.9	0.2
1709	1/5/2016 12:01:07	9.49	43.66	27.97	9.96	7.95	8.3	2.869	104.3	1.2	0.3
1710	1/5/2016 12:16:07	9.58	43.59	27.93	9.99	7.96	6.0	2.727	104.8	1.7	0.4
1711	1/5/2016 12:31:07	9.61	43.62	27.95	10.05	7.96	5.6	2.592	105.5	1.2	0.3
1712	1/5/2016 12:46:07	9.70	43.74	28.04	10.03	7.96	5.5	2.530	105.6	1.3	0.3
1713	1/5/2016 13:01:07	9.70	43.61	27.95	10.05	7.96	5.6	2.397	105.8	1.2	0.3
1714	1/5/2016 13:16:07	9.67	43.35	27.76	10.07	7.96	6.2	2.341	105.7	0.9	0.2
1715	1/5/2016 13:31:06	9.74	43.28	27.72	10.08	7.96	6.8	2.287	106.0	1.2	0.3
1716	1/5/2016 13:46:07	9.88	43.38	27.79	10.14	7.96	8.1	2.140	107.1	1.4	0.3
1717	1/5/2016 14:01:07	9.83	43.07	27.57	10.14	7.96	8.2	2.084	106.8	1.6	0.4
1718	1/5/2016 14:16:06	9.75	42.83	27.40	10.18	7.96	7.2	2.032	106.8	1.5	0.4
1719	1/5/2016 14:31:07	9.90	42.93	27.48	10.22	7.96	7.7	1.987	107.7	1.4	0.3
1720	1/5/2016 14:46:07	9.83	42.77	27.36	10.20	7.96	8.1	1.918	107.2	1.2	0.3
1721	1/5/2016 15:01:06	9.78	42.67	27.29	10.17	7.96	6.6	1.886	106.8	1.6	0.4
1722	1/5/2016 15:16:07	9.49	43.21	27.65	9.95	7.94	6.2	1.865	104.0	1.3	0.3
1723	1/5/2016 15:31:07	9.75	42.89	27.44	10.24	7.95	7.7	1.900	107.5	2.1	0.5
1724	1/5/2016 15:46:07	9.76	42.90	27.45	10.22	7.96	7.0	1.904	107.4	1.9	0.4
1725	1/5/2016 16:01:07	9.71	42.83	27.40	10.19	7.95	7.6	1.943	106.9	1.6	0.4
1726	1/5/2016 16:16:07	9.67	42.86	27.42	10.15	7.95	6.5	2.031	106.3	1.3	0.3
1727	1/5/2016 16:31:07	9.67	42.47	27.14	10.16	7.94	6.9	2.060	106.3	1.8	0.4
1728	1/5/2016 16:46:06	9.65	42.40	27.09	10.11	7.94	6.9	2.147	105.6	1.9	0.4
1729	1/5/2016 17:01:07	9.64	42.84	27.40	10.08	7.94	7.0	2.187	105.5	1.3	0.3
1730	1/5/2016 17:16:07	9.62	42.81	27.38	10.07	7.94	6.7	2.239	105.4	1.7	0.4
1731	1/5/2016 17:31:07	9.61	42.73	27.32	10.06	7.94	6.9	2.329	105.2	1.8	0.4
1732	1/5/2016 17:46:07	9.60	42.84	27.40	10.05	7.94	7.0	2.410	105.1	1.8	0.4
1733	1/5/2016 18:01:07	9.62	43.06	27.55	10.01	7.94	6.9	2.469	104.8	1.3	0.3
1734	1/5/2016 18:16:07	9.63	43.45	27.83	9.96	7.94	7.6	2.545	104.6	1.6	0.4
1735	1/5/2016 18:31:07	9.62	43.63	27.96	9.94	7.94	7.6	2.615	104.3	1.4	0.3
1736	1/5/2016 18:46:07	9.59	43.68	27.99	9.93	7.94	7.8	2.663	104.2	1.7	0.4
1737	1/5/2016 19:01:07	9.57	43.70	28.01	9.93	7.94	7.6	2.742	104.2	1.5	0.4
1738	1/5/2016 19:16:07	9.56	43.73	28.03	9.93	7.94	7.6	2.781	104.2	1.5	0.4

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	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1739	1/5/2016 19:31:07	9.58	43.75	28.04	9.91	7.94	8.6	2.844	104.0	1.5	0.4
1740	1/5/2016 19:46:07	9.62	43.87	28.13	9.89	7.95	8.9	2.904	104.0	1.4	0.3
1741	1/5/2016 20:01:07	9.63	43.94	28.18	9.89	7.95	8.7	2.984	104.1	1.9	0.5
1742	1/5/2016 20:16:07	9.67	44.12	28.31	9.88	7.95	8.6	3.050	104.1	1.7	0.4
1743	1/5/2016 20:31:07	9.69	44.21	28.37	9.87	7.95	7.6	3.093	104.1	1.4	0.3
1744	1/5/2016 20:46:07	9.70	44.36	28.48	9.87	7.95	8.3	3.113	104.2	1.4	0.3
1745	1/5/2016 21:01:07	9.69	44.46	28.55	9.87	7.95	7.5	3.200	104.2	1.8	0.4
1746	1/5/2016 21:16:07	9.71	44.52	28.60	9.86	7.95	7.3	3.246	104.2	1.5	0.4
1747	1/5/2016 21:31:07	9.72	44.61	28.66	9.85	7.95	7.0	3.311	104.1	2.0	0.5
1748	1/5/2016 21:46:07	9.74	44.66	28.70	9.85	7.96	7.6	3.267	104.2	1.6	0.4
1749	1/5/2016 22:01:07	9.66	44.03	28.24	9.80	7.95	6.7	3.255	103.2	2.0	0.5
1750	1/5/2016 22:16:06	9.71	44.52	28.59	9.74	7.94	6.2	3.252	103.0	1.9	0.4
1751	1/5/2016 22:31:07	9.63	44.32	28.45	9.77	7.95	5.8	3.252	103.0	1.4	0.3
1752	1/5/2016 22:46:07	9.52	43.89	28.14	9.88	7.94	6.2	3.164	103.7	1.6	0.4
1753	1/5/2016 23:01:07	9.51	43.86	28.11	9.90	7.94	6.8	3.133	103.9	1.9	0.4
1754	1/5/2016 23:16:07	9.49	43.81	28.08	9.92	7.94	6.5	3.107	104.0	1.8	0.4
1755	1/5/2016 23:31:07	9.46	43.53	27.88	9.95	7.94	6.4	3.068	104.0	1.7	0.4
1756	1/5/2016 23:46:06	9.43	43.30	27.72	9.97	7.93	7.0	2.997	104.1	1.0	0.2
1757	1/6/2016 00:01:07	9.40	43.10	27.57	9.99	7.93	6.8	2.938	104.1	1.4	0.3
1758	1/6/2016 00:16:07	9.42	43.22	27.66	9.99	7.93	6.6	2.885	104.2	2.0	0.5
1759	1/6/2016 00:31:06	9.41	43.21	27.65	9.98	7.94	6.2	2.837	104.1	1.5	0.4
1760	1/6/2016 00:46:07	9.33	42.39	27.07	10.07	7.93	6.7	2.800	104.5	2.1	0.5
1761	1/6/2016 01:01:07	9.31	41.91	26.73	10.10	7.93	8.4	2.766	104.5	1.5	0.3
1762	1/6/2016 01:16:07	9.32	42.23	26.95	10.04	7.93	9.5	2.719	104.1	1.5	0.4
1763	1/6/2016 01:31:07	9.41	42.97	27.48	9.92	7.93	6.4	2.679	103.4	1.6	0.4
1764	1/6/2016 01:46:07	9.45	43.16	27.61	9.83	7.93	4.8	2.673	102.7	2.3	0.5
1765	1/6/2016 02:01:07	9.48	43.28	27.71	9.81	7.93	5.1	2.677	102.5	1.7	0.4
1766	1/6/2016 02:16:07	9.46	43.21	27.65	9.92	7.93	5.8	2.653	103.6	2.1	0.5
1767	1/6/2016 02:31:07	9.44	43.12	27.59	9.94	7.93	6.5	2.650	103.8	1.6	0.4
1768	1/6/2016 02:46:07	9.45	43.22	27.66	9.94	7.93	5.7	2.643	103.8	2.2	0.5
1769	1/6/2016 03:01:07	9.44	43.17	27.62	9.95	7.93	6.0	2.640	103.9	1.5	0.4
1770	1/6/2016 03:16:07	9.47	43.33	27.74	9.89	7.93	6.7	2.665	103.4	2.0	0.5
1771	1/6/2016 03:31:07	9.45	43.20	27.65	9.91	7.93	6.2	2.699	103.5	1.1	0.3
1772	1/6/2016 03:46:07	9.40	43.08	27.56	9.97	7.93	7.0	2.734	103.9	2.1	0.5
1773	1/6/2016 04:01:07	9.50	43.48	27.84	9.90	7.93	6.7	2.793	103.6	1.2	0.3
1774	1/6/2016 04:16:08	9.49	43.53	27.88	9.91	7.94	7.6	2.840	103.7	1.9	0.5
1775	1/6/2016 04:31:07	9.54	43.75	28.04	9.89	7.94	6.3	2.917	103.7	1.2	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	Fluorescence %FS
1776	1/6/2016 04:46:07	9.54	43.75	28.04	9.94	7.94	6.4	2.926	104.3	1.2	0.3
1777	1/6/2016 05:01:07	9.66	44.44	28.53	9.93	7.96	7.0	2.994	104.8	1.2	0.3
1778	1/6/2016 05:16:06	9.66	44.50	28.58	9.95	7.96	6.5	3.083	105.0	1.4	0.3
1779	1/6/2016 05:31:07	9.69	44.66	28.69	9.96	7.96	6.1	3.131	105.3	1.3	0.3
1780	1/6/2016 05:46:07	9.71	44.88	28.85	9.98	7.96	6.0	3.274	105.6	1.3	0.3
1781	1/6/2016 06:01:07	9.76	44.91	28.87	10.00	7.97	6.6	3.356	106.0	1.4	0.3
1782	1/6/2016 06:16:07	9.82	45.15	29.05	10.02	7.97	6.8	3.402	106.5	1.8	0.4
1783	1/6/2016 06:31:07	10.00	45.78	29.51	10.00	7.98	9.0	3.463	107.0	1.9	0.5
1784	1/6/2016 06:46:07	10.05	45.96	29.64	10.02	7.99	9.1	3.575	107.4	1.5	0.4
1785	1/6/2016 07:01:07	10.08	45.98	29.65	10.05	7.99	10.4	3.632	107.8	1.7	0.4
1786	1/6/2016 07:16:07	10.15	46.20	29.82	10.08	8.00	9.0	3.714	108.4	1.2	0.3
1787	1/6/2016 07:31:06	10.20	46.24	29.85	10.11	8.01	11.5	3.742	108.9	1.0	0.2
1788	1/6/2016 07:46:06	10.31	46.49	30.04	10.16	8.02	10.3	3.834	109.8	1.4	0.3
1789	1/6/2016 08:01:07	10.30	46.56	30.09	10.16	8.02	8.5	3.854	109.8	0.7	0.2
1790	1/6/2016 08:16:07	10.40	46.73	30.21	10.17	8.03	9.1	3.885	110.3	1.1	0.3
1791	1/6/2016 08:31:06	10.44	46.84	30.29	10.17	8.03	8.4	3.918	110.4	1.1	0.3
1792	1/6/2016 08:46:07	10.46	46.94	30.37	10.13	8.04	7.5	3.919	110.1	0.9	0.2
1793	1/6/2016 09:01:06	10.48	46.91	30.35	10.05	8.04	8.5	3.944	109.2	1.1	0.3
1794	1/6/2016 09:16:07	10.04	45.88	29.58	9.99	8.00	6.0	3.954	107.0	1.0	0.2
Mean		9.84	41.49	26.47	10.00	8.02	14.52	2.85	104.46	1.90	0.45
Minimum		8.02	33.43	20.86	9.11	7.92	3.40	1.05	98.30	0.40	0.10
Maximum		11.58	47.61	30.89	10.67	8.16	77.60	4.34	114.70	5.30	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

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.)